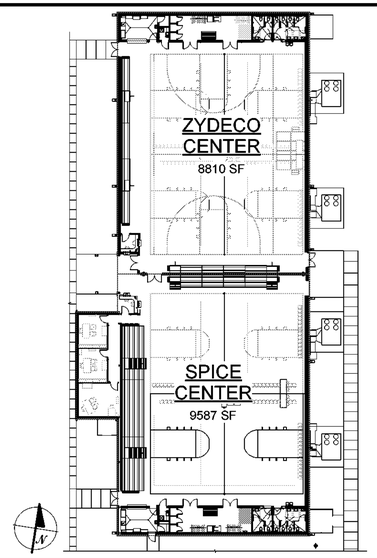
AREA PLAN



PROJECT SCOPE SUMMARY

New Community Center and Site Demolition shall include the following but are not limited to :

- Single story facility w/ two sides
- Conventional metal wall & roof panels & brick entry
- Concession stands, ticket booths, restrooms, janitor closets, concession storage, regulation basketball courts
- Interior hollow metal doors, interior double hollow metal doors, exterior double hollow metal doors with partial glass, exterior double hollow metal doors, roll up security doors at concessions, secure transaction windows at ticket booth
- Concession stand equipment, tilt-up basketball goals with adjustable heights, scoreboards, PA systems, and signage.
- Stationary bleachers
- Gypsum board interior finish & acoustical tile ceilings (restrooms, ticket booth, janitors closet, auxiliary closets, concession storage, & concession stand)
- Multipurpose gymnasium flooring
- Water fountains, sinks, restroom accessories.
- Point of use water heaters at restrooms and concession.
- Electrical and Plumbing meters
- Mechanical units & mechanical yards
- Sidewalks & ADA parking
- Removal of existing pool house & foundation, selected trees & shrubs, full size pool & kiddie pool, sidewalks, portion of running track, light poles, parking bollards, misc. concrete slabs, fencing, water fountains, mechanical equipment, electrical boxes, piping, sewers, and manhole
- Relocation of swing/play sets & concrete/wooden benches and removal of foundations (new placement determined by owner
- Site grading and drainage improvements

ALTERNATES

ADD ALTERNATE #1: Insulated Prefabricated metal wall and roof panels in lieu of conventional metal wall and roof panels
ADD ALTERNATE #2: Operable bleachers in lieu of portable aluminum bleachers
ADD ALTERNATE #3: Ceiling & wall sound attenuation panels, (2) dividing curtains, volleyball net systems w/ post anchors, volleyball court striping & judge stands, (8) biddy basketball goals & biddy court striping, (2) additional scoreboards, (1) bike rack, (2) portable stages, (2) PA systems, and food service equipment: (2) popcorn machines & (4) shelving units.

EXPANDED DESCRIPTION FOR ALT #1:

- Base Bid: Conventional roof panel basis of design: snap-together, trapezoidal leg standing seam roof system, 24" width, concealed fasteners, 24 gauge. Conventional wall panel basis of design: installed horizontally, PBU panels, 36" width, exposed fastener system, 26 gauge. R25 insulation at roof and 6" V.R.P. blanket insulation at walls; for roof & walls use fiberglass insulation laminated to reinforced polypropylene film with a metalized polyester film laminate radiant barrier.
- Alternate Basis of Design or pre-approved equal: Kingspan roof panels, Mesa, 3.25" thick, 28 gauge factory painted exterior, 26 gauge factory painted interior. Basis of Design or pre-approved equal Kingspan wall panels, Vale Rib, 3" thick, 22 gauge, factory painted exterior, 24 gauge factory painted interior.

BUILDING & ROOF AREA INFORMATION

Roof Area Dimensions (feet):	218 x 80
Mean Roof Height (feet):	25.0
Roof Slope:	Gable: 1½:12 to 4:12
Parapet(s) (minimum 36 inches high):	No
Building Configuration	Enclosed
Exposure:	B
Risk Category:	III
Basic Wind Speed (three-second peak gust, mph):	130 from ASCE 7-16, Figure 26.5-1C Basic Wind Speed
Roof Deck Type:	Steel Deck
Roof Covering Type:	Metal Panels: steel or aluminum

Roof Area Dimensions (feet):	44 x 18
Mean Roof Height (feet):	20.0
Roof Slope:	Flat: 1½:12 or less
Parapet(s) (minimum 36 inches high):	No
Building Configuration	Enclosed
Exposure:	B
Risk Category:	III
Basic Wind Speed (three-second peak gust, mph):	130 from ASCE 7-16, Figure 26.5-1C Basic Wind Speed
Roof Deck Type:	Steel Deck
Roof Covering Type:	Metal Panels: steel or aluminum

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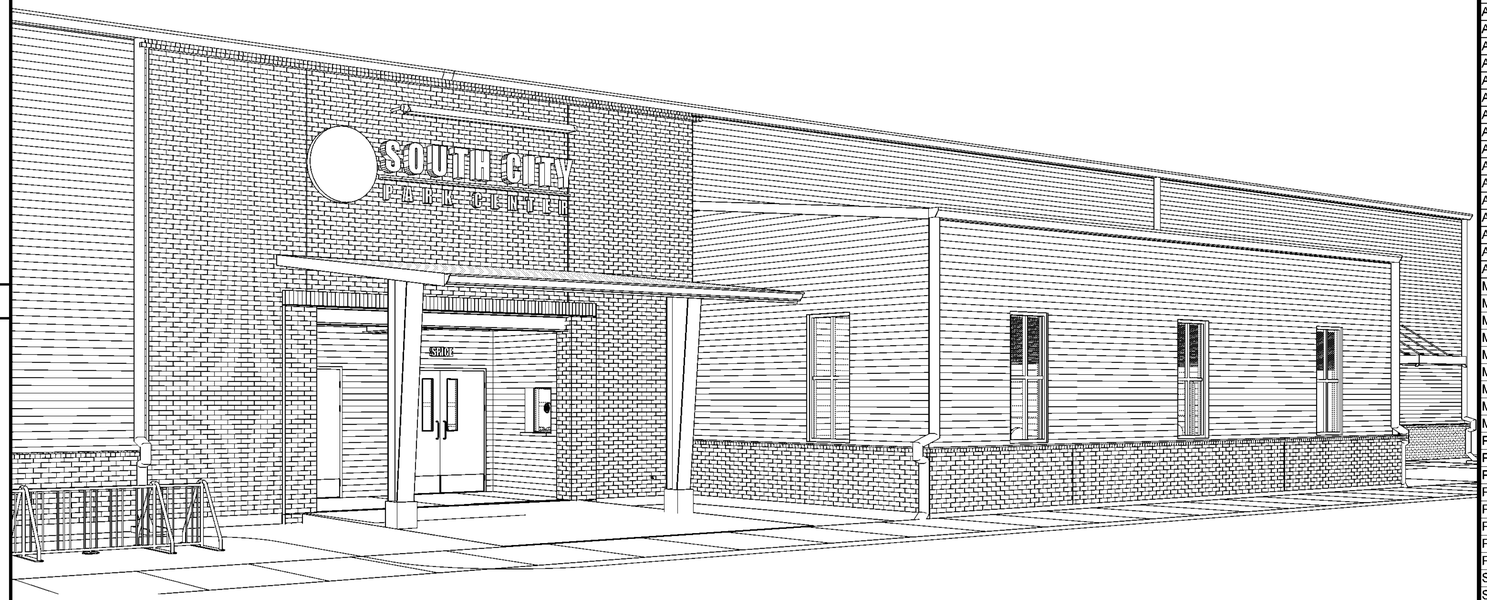
CITY OF OPELOUSAS
SOUTH CITY PARK CENTER

(TBD) S Market St, Opelousas, LA 70570 **St. Landry Parish**



THIS PROJECT IS BEING FUNDED BY THE U.S.
DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
THROUGH THE LOUISIANA OFFICE OF THE GOVERNOR
DIVISION OF ADMINISTRATION

JEFF LANDRY
GOVERNOR

JULIUS ALSANDOR
MAYOR

GERALD BOUDREAUX
STATE SENATOR

TAYLOR F. BARRAS
COMMISSIONER

DUSTIN MILLER
STATE REPRESENTATIVE

PROJECT SHEET INDEX

Sheet #	Sheet Name
A001	COVER SHEET
A002	GEN NOTES, ABBREV, SYMBOLS, & ADA STANDARDS
A003	EXISTING SITE IMAGES
EV100	ENVIRONMENTAL - ASBESTOS REPORT
EV101	ENVIRONMENTAL - ASBESTOS REPORT
EV102	ENVIRONMENTAL - ASBESTOS REPORT
C-1	DEMOLITION PLAN
C-2	ROUGH GRADING PLAN
C-3	GRADING & DRAINAGE PLAN
C-4	GRADING & DRAINAGE PLAN
C-5	UTILITY NOTES & DETAILS
C-6	UTILITY NOTES & DETAILS
C-7	STORM DRAINAGE NOTES & DETAILS
C-8	SIDEWALK & EROSION CONTROL NOTES & DETAILS

PROJECT SHEET INDEX - CONTINUED

Sheet #	Sheet Name
S0.01	GENERAL NOTES & INDEX
S1.01	FOUNDATION PLAN
S2.01	FOUNDATION DETAILS
S3.01	FRAMING PLAN
A101	ARCHITECTURAL SITE PLAN
A103	SITE RELATED
A106	LIFE SAFETY PLAN - ZYDECO CENTER
A107	LIFE SAFETY PLAN - SPICE CENTER
A108	SLAB PLAN
A110	FLOOR PLAN - OVERALL
A111	ENLARGED FLOOR PLAN - ZYDECO CENTER
A112	ENLARGED FLOOR PLAN - SPICE CENTER
A113	ENLARGED PLANS
A114	ROOF PLAN
A115	ROOF DETAILS
A117	REFLECTED CEILING PLANS
A118	OPENING PLAN - ZYDECO CENTER
A119	OPENING PLAN - SPICE CENTER
A200	ELEVATIONS
A300	WALL TYPE DETAILS
A301	WALL SECTIONS
A302	WALL SECTION DETAILS
A305	BUILDING SECTIONS
A400	INTERIOR ELEVATIONS
A401	INTERIOR ELEVATIONS
A500	DETAILS
A600	FLOORING FINISH PLAN & EQUIPMENT
A603	FINISH SCHED & PLAN - ZYDECO & SPICE CENTERS
A604	FINISH BOARD, SCHEDULE, & PLAN - SPICE CENTER
A700	3D VIEWS
A701	3D VIEWS
M001	MECHANICAL COVER SHEET
M100	MECHANICAL PLAN - OVERALL
M101	MECHANICAL PLANS - ENLARGED
M200	MECHANICAL RENDERING
M300	MECHANICAL DETAILS
M301	MECHANICAL DETAILS
M302	MECHANICAL DETAILS
M400	MECHANICAL SCHEDULES
M401	MECHANICAL SCHEDULES
P001	PLUMBING COVER SHEET
P100	PLUMBING PLAN - SANITARY SEWER
P101	PLUMBING PLAN - DOMESTIC WATER & NAT.GAS
P102	PLUMBING PLANS - ENLARGED
P200	SANITARY RISER DIAGRAM
P201	DOMESTIC WATER & NATURAL GAS RISER DIAGRAM
P300	PLUMBING DETAILS
P400	PLUMBING SCHEDULES
S001	SPRINKLER COVER SHEET
S100	SPRINKLER PLAN
E001	ELECTRICAL COVER SHEET
E100	ELECTRICAL SITE PLAN
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E102	LIGHTING PLAN
E200	RISER DIAGRAM & PANEL SCHEDULES
E201	PANEL SCHEDULES
E300	TELECOM RISER DIAGRAM
E400	ELECTRICAL DETAILS

PROJECT DIRECTORY

OWNER		ARCHITECT	
COMPANY	Opelousas Community Center	COMPANY	db Architecture of Acadiana, LLC
NAME	Anthony Daniel	NAME	David Beverly, Architect
ADDRESS	105 N Main St.	ADDRESS	233 Doucet Rd, Suite A2
ADDRESS	Opelousas, LA 70570	ADDRESS	Lafayette, Louisiana, 70503
TELEPHONE	337-948-3693	TELEPHONE	337-205-3235
EMAIL	adaniel@cityofopelousas.com	EMAIL	info@dbarchitectureofacadiana.com

100% CONSTRUCTION DOCUMENTS

BUILDING INFORMATION

BUILDING INFO (ENTIRE, INCLUDES BOTH SIDES)

CATEGORY	COMMUNITY CENTER
USE	ASSEMBLY
BUILDING CONSTRUCTION TYPES	TYPE: II B
NUMBER OF STORIES	(1)
BUILDING HEIGHT	27'
BUILDING AREA	18398 sf
OCCUPANCY TYPE	GROUP A-4 (IBC 2015)
AUTOMATIC SPRINKLER SYSTEM PER STORY	YES
ALLOWABLE FLOOR AREA	NOT LIMITED
OCCUPANT LOAD	541 OCCUPANTS
EGRESS WIDTH - DOORS - 0.2INCH/OC	541X.2 =108.2/6=18.03" Required; (Qty 6) 72" Doors Provided
FIXTURE REQUIREMENTS	TOTAL : 271 MEN / 271 WOMEN OCC. - 4 MEN / 7 WOMEN WATER CLOSETS ; 2 MEN / 2 WOMEN LAVATORIES; 1 WATER FOUNTAIN CLOSETS, 1 DRINKING FOUN. / FLOOR, 1 SERVICE SINK / FLOOR
PARKING REQUIREMENTS	187 SPACE EXISTING ; 6 ADA SPACE REQUIRED - REFERENCE TO ADA.GOV CHART
RISK CATEGORY	CATEGORY III (131 MPH)
FLOOD ZONE	"X"

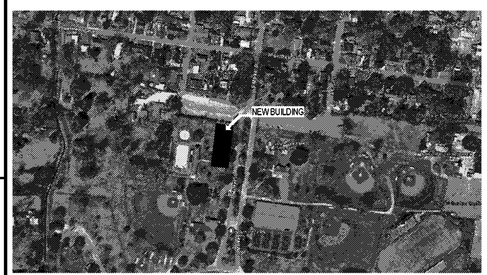
BUILDING CODES

BUILDING CODES: LOUISIANA STATE UNIFORM CONSTRUCTION CODE WITH AMENDMENTS
2021 INTERNATIONAL BUILDING CODE
2021 INTERNATIONAL EXISTING BUILDING CODE
2021 INTERNATIONAL MECHANICAL CODE
2021 INTERNATIONAL PLUMBING CODE
(WITH STATE AMENDMENTS) 2020 NFPA 70: NATIONAL ELECTRICAL CODE
2021 INTERNATIONAL FUEL GAS CODE

BUILDING FOOTPRINT

Name	Area
ZYDECO CENTER	8810 SF
SPICE CENTER	9587 SF
TOTAL:	18398 SF

VICINITY MAP



(30 DEG 31'13.72" N, 92 DEG 05'13.65" W) SOURCE: GOOGLE EARTH

COVER SHEET

CITY OF OPELOUSAS
SOUTH CITY PARK CENTER
(TBD) S Market St, Opelousas, LA 70570 St. Landry Parish
PROJECT ID: 20231117

db ARCHITECTURE OF ACADIANA, LLC
TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

DAVID BEVERLY REG. NO. 7501 STATE OF LOUISIANA REGISTERED ARCHITECT

PROJECT NUMBER: 20231117
DATE: 01/17/2025
A001

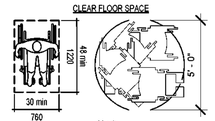
DRAWING ABBREVIATIONS

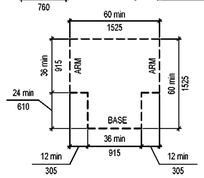
&	AND
2L	TWO LIGHT
@	AT
A.B.	ANCHOR BOLT
A.F.	ACCESS FLOOR
A.F.F	ABOVE FINISH FLOOR
ACOUST	ACOUSTICAL
ACT	ACOUSTICAL CEILING TILE
ADA	AMERICANS WITH DISABILITIES ACT
ADD.	ADDITION
ADJ	ADJUSTABLE
ADM.	ADMISSION(S)
AFF	ABOVE FINISH FLOOR
AHU	AIR HANDLER UNIT
ALT	ALTERNATE
ALUM	ALUMINUM
ANOD	ANODIZED
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
APPROX	APPROXIMATE
ASB	ASBESTOS
ASPH	ASPHALT
ASTM	AMERICAN SOCIETY OF TESTING AND MATERIALS
B.O.	BOTTOM OF
B.U.R.	BUILT-UP ROOF
B/T	BETWEEN
BD	BOARD
BITUM	BITUMINOUS
BLDG	BUILDING
BLK(G)	BLOCK(ING)
BM	BEAM
BOT	BOTTOM
BRG	BEARING
BTU	BRITISH THERMAL UNIT
BYND	BEYOND
C.B.	CATCH BASIN
CAB	CABINET
CD	CONSTRUCTION DOCUMENTATION
CIP	CAST IN PLACE
CJ	CONTROL JOINT
CKT	CIRCUIT
CL	CENTER LINE
CLG	CEILING
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
CONC	CONCRETE
CONN	CONNECT(ION)
CONST	CONSTRUCTION
CONT	CONTINUOUS
COORD	COORDINATE
COP	COEFFICIENT OF PERFORMANCE
CORR	CORRIDOR
CP	CEMENT PLASTER
CPM	CUBIC FEET PER MINUTE
CPT	CARPET
CSK	COUNTERSUNK
CT	CERAMIC TILE
CU	COPPER
D.D.	DIAGONAL DISTANCE
D.E.	DISTANCE FROM EXIT TO EXIT
D.F.	DRINKING FOUNTAIN
DBL	DOUBLE
DEMO	DEMOLITION
DET	DETAIL
DIA	DIAMETER
DIAG	DIAGONAL
DIM(S)	DIMENSION(S)
DISTN	DISTRIBUTION
DIST.	DISTANCE
DLX	DELUXE
DN	DOWN
DP	DAMP PROOFING
DR	DOOR
DS	DOWNSPOUT
DTL	DETAIL
DVTL	DOVETAIL
DW	GYPSUM DRYWALL
DWG	DRAWING
E	EAST
E.L.	EMERGENCY LIGHT FIXTURE(S)
EA	EACH
EC	EXPOSED CONSTRUCTION
EJ	EXPANSION JOINT
ELEC	ELECTRIC(AL)
ELECT.	ELECTRIC(AL)
ELEV	ELEVATION
ENT	ENTRANCE
EQ	EQUAL
ERV	ENERGY RECOVERY VENTILATOR
ETL	ELECTRONIC TESTING LABORATORIES
ETR	EXISTING TO REMAIN
EWC	ELECTRICAL WATER COOLER
EXIST	EXISTING
EXP	EXPOSED
EXPN	EXPANSION
EXT	EXTERIOR
FA.	FINANCIAL AID
FACP	FIRE ALARM CONTROL PANEL
FATP	FIRE ALARM TRANSCEIVER PANEL
FD	FLOOR DRAIN
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FFE	FINISH FLOOR ELEVATION
FHC	FIRE HOSE CABINET
FIN	FINISH(ED)
FL	FLOOR
FLR	FLOOR
FOB	FACE OF BLOCK
FOS	FACE OF SLAB
FOW	FACE OF WALL
FPFG	FIREPROOFING
FRM	FRAME
FT	FOOT
FTG	FOOTING
FURN	FURNISH
FV	FIELD VERIFY
GA	GAUGE
GALV	GALVANIZED
GB	GRAB BAR
GE	GRATE ELEVATION
GFI	GROUND FAULT INTERRUPT
GI	GALVANIZED IRON
GND	GROUND
GS	GRAVEL STOP
GWB	GYPSUM WALL BOARD
GYP	GYPSUM
H.P.	HORSE POWER
HACP	HANDICAPPED
HB	FREEZE PROOF HOSE BIB
HC	CONCRETE HARDENED & SEALED
HDW	HARDWARE
HGT	HEIGHT
HID	HIGH INTENSITY DISCHARGE
HM	HOLLOW METAL
HOL	HOLLOW
HORIZ	HORIZONTAL
HP	HIGH POINT
HPL	HIGH PRESSURE LAMINATE
HR	HANDRAIL
HVAC	HEATING, VENTILATION, AND CONDITIONING
I.D.	INSIDE DIMENSION
I.T.	INFORMATION TECHNOLOGY
IAW	IN ACCORDANCE WITH
ID	INSIDE DIAMETER
IEEE	INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS
ILO	IN LIEU OF
IN	INCH
INSUL	INSULATION
INT	INTERIOR
INV	INVERT
ISA	INTERNATIONAL SYMBOL OF ACCESSIBILITY
JAN	JANITOR
JT	JOINT
KVA	KILO-VOLT-AMPERE
L/R	LIMEROCK
LAM	LAMINATED
LBS	POUNDS
LED	LIGHT EMITTING DIODE
LF	LINEAR FEET
LG	LENGTH
LP	LOWPOINT
LT.WT	LIGHT WEIGHT
LVL	LAMINATED VENEER LUMBER
LVP	LUXURY VINYL PLANK
LVT	LUXURY VINYL TILING
MAINT	MAINTENANCE
MANU	MANUFACTURER
MAS	MASONRY
MAT'L	MATERIAL
MAX	MAXIMUM
MB	MARKER BOARD
MECH	MECHANICAL
MEMB	MEMBRANE
MEP	MECHANICAL ELECTRICAL PLUMBING
MEZZ	MEZZANINE
MFG	MANUFACTURER
MFR	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MRP	MOST REMOTE POINT
MTL	METAL
N	NORTH
N/A	NOT APPLICABLE
NC	NON-COMBUSTIBLE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NIC	NOT IN CONTRACT
NO, #	NUMBER
NTS	NOT TO SCALE
O TO O	OUT TO OUT
O.H.	OVER HANG
OA	OVERALL
OC	ON CENTER
OCC	OCCUPANCY
OD	OUTSIDE DIMENSION
OPNG	OPENING
OPP	OPPOSITE
OSB	ORIENTED STRAND BOARD
PBD	PARTICLE BOARD
PERF	PERFORATED
PL	PROPERTY LINE
PLA	PLASTIC
PLMB	PLUMBING
PLYWD	PLYWOOD
PNL	PANEL
PR	PAIR
PREP	PREPARE
PRFB	PREFABRICATED
PROJ	PROJECTION PERPENDICULAR
PSI	POUNDS PER SQUARE INCH
PT	PRESSURE TREATED
PTD	PAINTED
PTD	PAPER TOWEL DISPENSER
PTN	PARTITION
PTW	PAPER TOWEL WASTE
QT	QUARRY TILE
R	RISER
R.R.	RESTROOM
RAD	RADIUS
RCP	REINFORCED CONCRETE PIPE
RD	ROOF DRAIN
RECMD	RECOMMENDED
REF.	REFRIGERATOR
REFER.	REFERENCE
REINF	REINFORCED
RENO	RENOVATION
REQD	REQUIRED
RESIL	RESILIENT
RESTRM	RESTROOM
REV	REVISION
RI	RIDGE
RM	ROOM
RO	ROUGH OPENING
ROW	RIGHT OF WAY
RP	REFERENCE POINT
RWL	RAIN WATER LEADER
S	SOUTH
S/W	SIDEWALK
SC	SOLID CORE
SCFW	SOLID CORE FLUSH WOOD
SCHED	SCHEDULE(D)
SCW	SOLID CORE WOOD
SEAL	SEALANT
SECT	SECTION
SEER	SEASONAL ENERGY EFFICIENCY RATIO
SF	SQUARE FOOT
SHWR	SHOWER
SIM	SIMILAR
SIPS	STRUCTURAL INSULATED PANEL SYSTEM
SM	SHEET METAL
SND	SANITARY NAPKIN DISPOSAL
SP	SPACE
SPEC	SPECIFICATION
SQ	SQUARE
SS	STAINLESS STEEL
STL	STEEL
STOR.	STORAGE
STRUCT	STRUCTURAL
SUSP	SUSPENDED
T	TREAD
T&B	TOP & BOTTOM
T&G	TONGUE & GROOVE
T.E.	TRAVEL DISTANCE FROM MOST REMOTE POINT
T.O.	TOP OF
TB	TACK BOARD
TBD	TO BE DETERMINED
TBM	TEMPORARY BENCH MARK
TE	TELEPHONE
TEMP	TEMPORARY
TERR.	TERRAZZO
TEXT	TEXTURED
THRESH	THRESHOLD
TMPD	TEMPERED
TMPD	TEMPERED GLASS
TOC	TOP OF CONCRETE
TOF	TOP OF FOOTING
TOG	TOP OF GRADE
TOP	TOP OF PAVING
TOS	TOP OF STEEL
TPH	TOILET PAPER HOLDER
TYP	TYPICAL
UG	UNDERGROUND
UL	UNDERWRITERS LAB
UNO	UNLESS NOTED OTHERWISE
UR	URINAL
VB	VINYL BASE
VCT	VINYL COMPOSITION - TILE
VERT	VERTICAL
VEST	VESTIBULE
VIF	VERIFY IN FIELD
VP	VENEER PLASTER
VWC	VINYL WALL COVERING
VY	VALLEY
W	WEST
W.P.	WORKING POINT
W/	WITH
W/O	WITH OUT
WC	WATER CLOSET
WD	WOOD
WDW	WINDOW
WH	WATER HEATER
WP(G)	WATERPROOF(ING)
WT	WALL TYPE
WWF	WELDED WIRE FABRIC

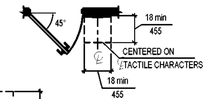
DATE 8/20/2025 2:29:42 PM COPYRIGHT dbARCHITECTURE of ACADIANA, LLC

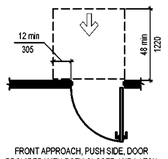
ADA STANDARDS

CONVENTION	DESCRIPTION
38 / 915	DIMENSION SHOWING ENGLISH UNITS (IN INCHES UNLESS OTHERWISE SPECIFIED) ABOVE THE LINE AND SI UNITS (IN MILLIMETERS UNLESS OTHERWISE SPECIFIED) BELOW THE LINE
6 / 150	DIMENSION FOR SMALL MEASUREMENTS
33-36 / 840-915	DIMENSION SHOWING A RANGE WITH MINIMUM - MAXIMUM
min	MINIMUM
max	MAXIMUM
>	GREATER THAN
≥	GREATER THAN OR EQUAL TO
<	LESS THAN
≤	LESS THAN OR EQUAL TO
	BOUNDARY OF CLEAR FLOOR SPACE OR MANEUVERING CLEARANCE
	CENTERLINE
	A PERMITTED ELEMENT OR ITS EXTENSION
	DIRECTION OF TRAVEL OR APPROACH
	A WALL, FLOOR, CEILING OR OTHER ELEMENT CUT IN SECTION OR PLAN
	A HIGHLIGHTED ELEMENT IN ELEVATION OR PLAN
	LOCATION ZONE OF ELEMENT, CONTROL OR FEATURE

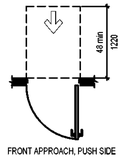




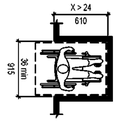


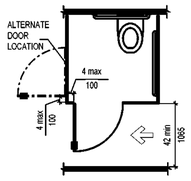


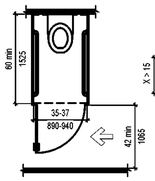
FRONT APPROACH, PUSH SIDE, DOOR PROVIDED WITH BOTH CLOSER AND LATCH

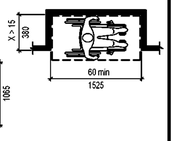


FRONT APPROACH, PUSH SIDE

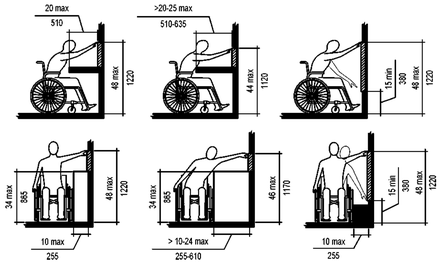




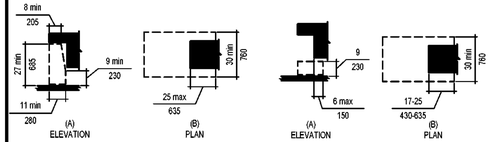


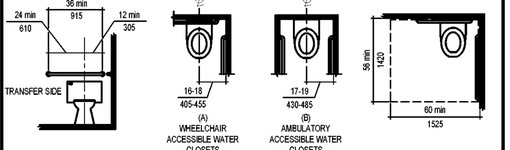


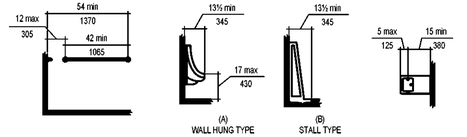
REACH LIMITS



ACCESSIBLE LAVATORY, WATER CLOSET & TOILET STALL

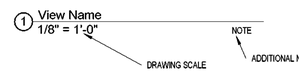




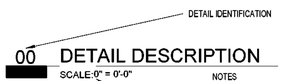


DRAWING SYMBOLS & INDICATORS

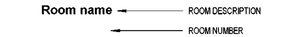
1. DRAWING IDENTIFICATION:



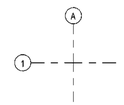
2. DETAIL IDENTIFICATION:



3. ROOM/SPACE IDENTIFICATION NOTATION:

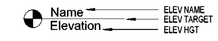


4. COL AND/OR GRID LINES:

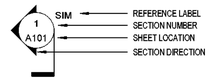


5. FLR PLAN MATCH LINES:

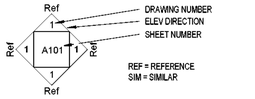
6. ELEV LEVELS:



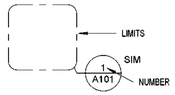
7. SECTION KEY MARKS:



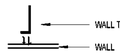
8. EXT/INTERIOR ELEV REFERENCE MARKS:



9. CALLOUT MARKS:



10. PTN/WALL TAG:



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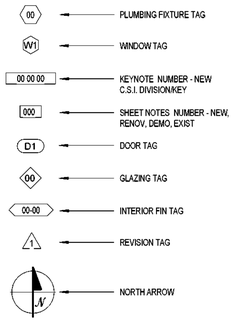
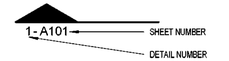


12. GENERAL DETAIL MARKS



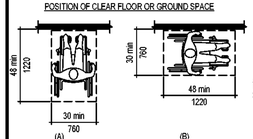
REFER TO SPECIFICATIONS FOR PROJECT SIGN REQUIREMENTS.

ALL WOOD 2X, FRAMING, BLOCKING, SHEATHING, & DECKING SHALL BE FIRE RETARDANT TREATED WOOD

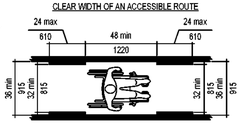
MATERIALS PATTERNS LEGEND

- ACOUSTICAL CEILING TILE (ENLARGED)
- ALUMINUM
- ASPHALT
- BATT INSULATION
- BELOW GRADE COMPACTED EARTH
- CONCRETE
- CONCRETE MASONRY UNIT
- CONTINUOUS WOOD (ENLARGED)
- FACE BRICK
- FINISHED WOOD
- INTERMITTENT 2X HEADER - AS SCHED (ENLARGED)
- GRASS - ELEV
- GRASS - PLAN
- GRAVEL
- GYPSUM / STUCCO
- INSULATION
- PARTICLE BOARD (ENLARGED)
- PLYWOOD (ENLARGED)
- RIGID INSULATION
- STEEL
- LIMESTONE

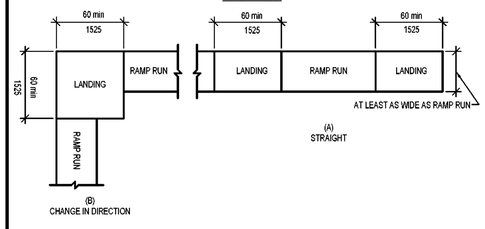
POSITION OF CLEAR FLOOR OR GROUND SPACE



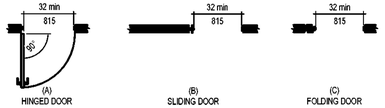
CLEAR WIDTH OF AN ACCESSIBLE ROUTE



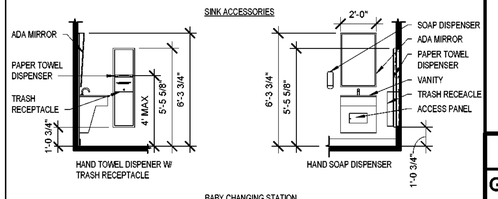
RAMP LANDINGS



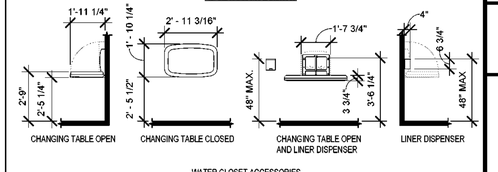
CLEAR WIDTH OF DOORWAYS



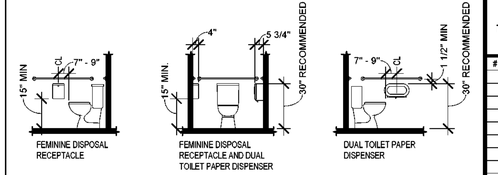
SINK ACCESSORIES



BABY CHANGING STATION



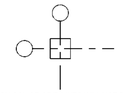
WATER CLOSET ACCESSORIES



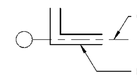
GENERAL NOTES

DIMENSIONING

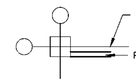
1. IN MANY OF THE INTERIOR SPACES THE ACTUAL DIMENSIONS MAY BE LESS IMPORTANT THAN IF TWO ELEMENTS IN THE BLDG WERE TO BE EQUAL. IN THESE CASES, THE WORD "EQUAL OR EQ" IS USED IN LIEU OF THE ACTUAL DIMENSIONS.
2. WHEN A RM CENTERLINE IS INDICATED ONLY ONE SIDE OF THE ROOMS ELEMENTS MAY BE DIMENSIONED.
3. COL IDENTIFICATION: DETAILS WILL GOVERN ALL DIMENSIONS AND NO DIMENSIONS WILL BE SHOWN ON SMALL SCALE PLANS.



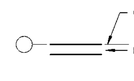
4. PTN CENTERED ON COL OR GRID LINES WILL NOT BE DIMENSIONED ON SMALL SCALE PLANS BUT WILL BE DRAWN ACCORDINGLY.



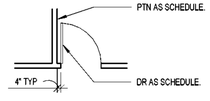
5. PTN W/ A FIN FACE FLUSH W/ FIN FACE OF COL WILL NOT BE DIMENSIONED ON SMALL SCALE PLANS BUT WILL BE DRAWN ACCORDINGLY.



6. PTN FIN FACE ON COL OR GRID LINE WILL NOT BE DIMENSIONED ON SMALL SCALE PLANS BUT WILL BE DRAWN ACCORDINGLY.



7. OPENINGS OCCURRING IN PARTITIONS OR WALLS.
   A. WHEN ONE JAMB OCCURS @ A COL OR GRID LINE NO DIMENSIONS WILL BE SHOWN ON THE SMALL SCALE PLANS. THE OPNG WIDTH WILL BE GOVERNED BY CRITERIA OR SCHEDULES.
   B. WHEN NEITHER JAMB OCCURS @ A COL OR GRID LINE ONE JAMB WILL BE DIMENSIONED.
8. DR LOCATIONS ARE TO BE LOCATED BY ONE OF FOLLOWING:
   A. ONE JAMB FACE LOCATED BY A PTN @ RIGHT ANGLE. TYP UNLESS INDICATED ON PLAN.



   B. OR AS DIMENSIONED ON PLAN.
9. PARTITIONS ARE DIMENSIONED TO FACE OF CMU OR FACE OF STUD UNLESS OTHERWISE NOTED.
10. DIMENSIONS ARE INDICATED IN THE DOCUMENTS. THE DWG SHALL NOT BE SCALED FOR DIMENSIONS.

100% CONSTRUCTION DOCUMENTS

GEN NOTES, ABBREV, SYMBOLS, & ADA STANDARDS

CITY OF OPELOUSAS

SOUTH CITY PARK CENTER

(TBD) S Market St, Opelousas, LA 70570 — St. Landry Parish

PROJECT ID: 20231117

dbARCHITECTURE OF ACADIANA, LLC

TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com

ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

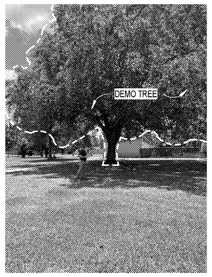
#	BY	DATE	REVISION

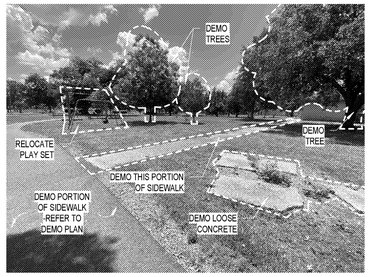
DAVID BEVERLY REG. NO. 7525 REGISTERED ARCHITECT

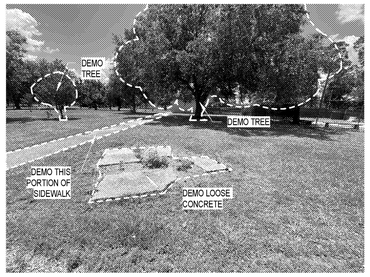
PROJECT NUMBER: 20231117

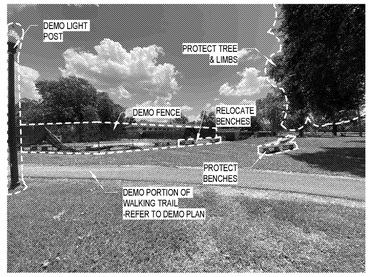
DATE: 01/17/2025

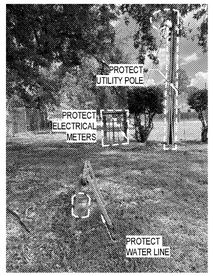
A002

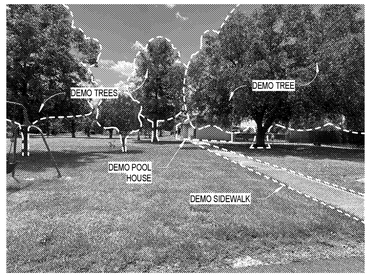


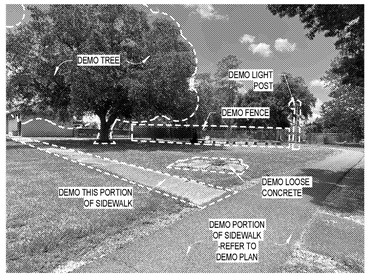


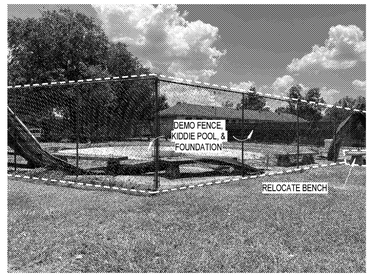


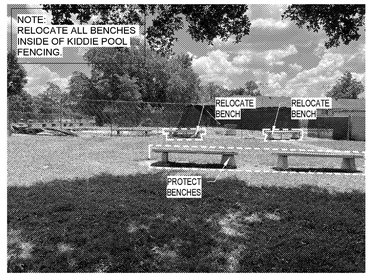


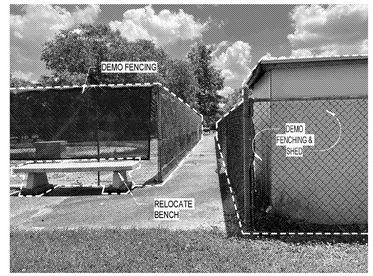


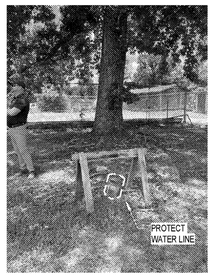


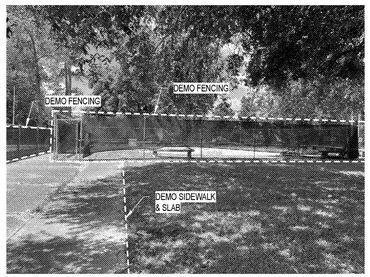


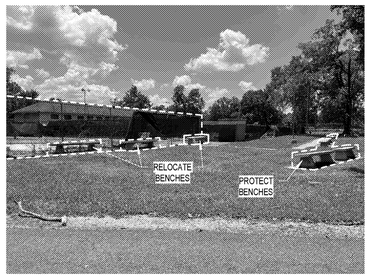


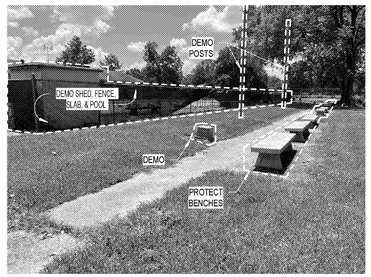


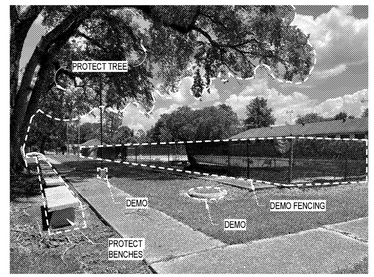


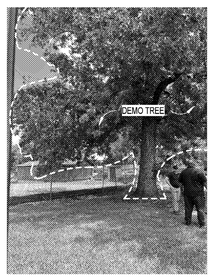


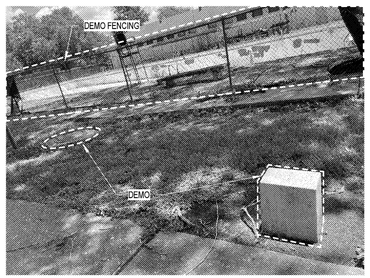


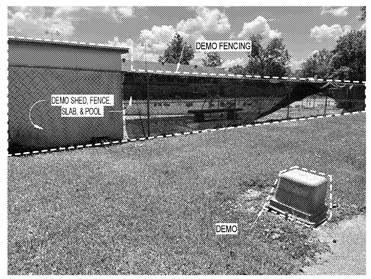


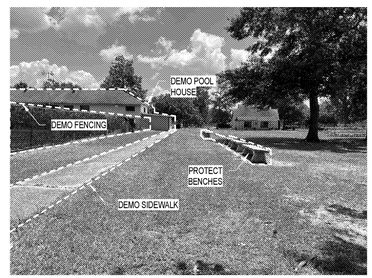


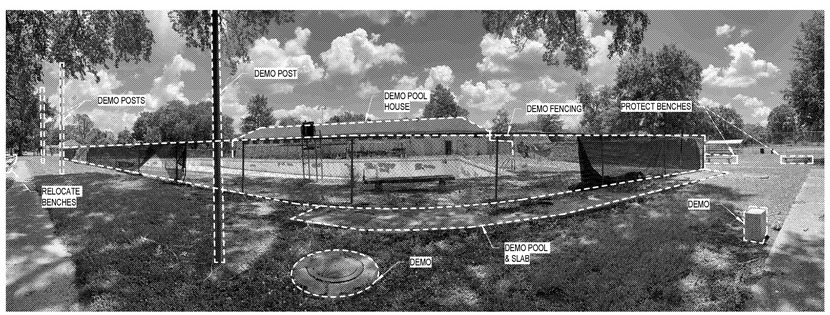












100% CONSTRUCTION DOCUMENTS

EXISTING SITE IMAGES

CITY OF OPELOUSAS

SOUTH CITY PARK CENTER

(TBD) S Market St, Opelousas, LA 70570 St. Landry Parish

PROJECT ID: 20231118

db ARCHITECTURE OF ACADIANA, LLC

TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

DAVID BEVERLY REG. NO. 7824 REGISTERED ARCHITECT STATE OF LOUISIANA 01/17/2025

PROJECT NUMBER: 20231117

DATE: 01/17/2025

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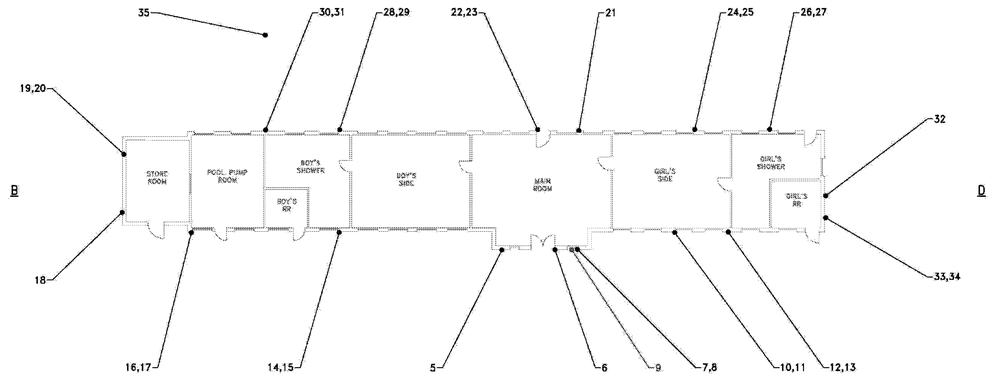
DATE 8/20/2025 3:16:13 PM COPYRIGHT dbARCHITECTURE of ACADIANA, LLC

XRF MANUFACTURER: SCIAPS	OPERATOR: STEPHAN J COMB
XRF DEVICE: X550Pb	LICENSE No.: JI239425
XRF SERIAL No.: 01842	SURVEY DATE: DECEMBER 17, 2024
SURVEY SITE: SOUTH CITY PARK 1328 SOUTH MARKET STREET OPELOUSAS, LOUISIANA 70570	PROPERTY OWNER: TOWN OF OPELOUSAS 105 NORTH MAIN ST OPELOUSAS, LOUISIANA 70570

NOTE:
ONLY PAINTED COMPONENTS ARE TESTED FOR LEAD BASED PAINT. ALL NON-PAINTED SURFACES WERE EXCLUDED FROM INSPECTION. SIMILAR PAINTED SURFACES WERE ALSO EXCLUDED FROM INSPECTION.



1 LEAD PAINT SURVEY – EXTERIOR
NOT TO SCALE

2014 WEST PINHOOK SUITE 200
LAFAYETTE, LOUISIANA 70508
TELEPHONE (337) 984-8498
FAX (337) 984-8499
RITTER CONSULTING ENGINEERS

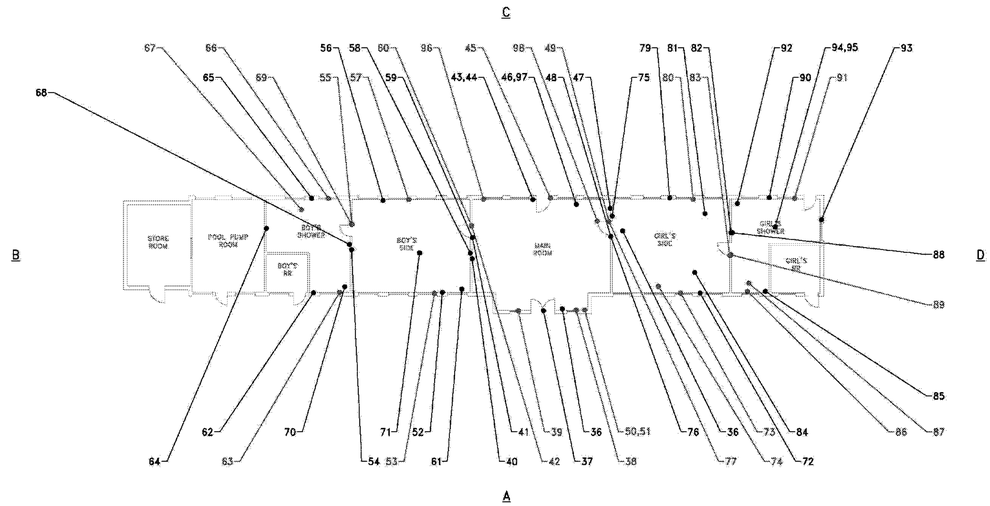
CITY PARK POOL HOUSE
ASBESTOS INSPECTION/LEAD PAINT SURVEY
1328 SOUTH MARKET STREET
OPELOUSAS, LA 70570

DRAWN SJC
CHECKED DV
REVISED
PROJECT 245224
DATE DECEMBER 2024

SHEET 2 OF 3

XRF MANUFACTURER: SCIAPS	OPERATOR: STEPHAN J COMB
XRF DEVICE: X550Pb	LICENSE No.: JI239425
XRF SERIAL No.: 01842	SURVEY DATE: DECEMBER 17, 2024
SURVEY SITE: SOUTH CITY PARK 1328 SOUTH MARKET STREET OPELOUSAS, LOUISIANA 70570	PROPERTY OWNER: TOWN OF OPELOUSAS 105 NORTH MAIN ST OPELOUSAS, LOUISIANA 70570

NOTE:
ONLY PAINTED COMPONENTS ARE TESTED FOR LEAD BASED PAINT. ALL NON-PAINTED SURFACES WERE EXCLUDED FROM INSPECTION. SIMILAR PAINTED SURFACES WERE ALSO EXCLUDED FROM INSPECTION.



1 LEAD PAINT SURVEY – INTERIOR
NOT TO SCALE

2014 WEST PINHOOK SUITE 200
LAFAYETTE, LOUISIANA 70508
TELEPHONE (337) 984-8498
FAX (337) 984-8499
RITTER CONSULTING ENGINEERS

CITY PARK POOL HOUSE
ASBESTOS INSPECTION/LEAD PAINT SURVEY
1328 SOUTH MARKET STREET
OPELOUSAS, LA 70570

DRAWN SJC
CHECKED DV
REVISED
PROJECT 245224
DATE DECEMBER 2024

SHEET 3 OF 3

RITTER CONSULTING ENGINEERS
2014 West Pinhook Suite 200
Lafayette, LA 70508
Office: 337-984-8498
Fax: 337-984-8576

Sequential Report Of Lead Paint Survey For: South City Park Pool House

Inspection Date:	12/17/24	Report No.:	245224
Report Date:	1/6/25	Total Readings:	102
Job Started:	12/17/24; 10:30 am	Total Positive Readings:	29
Job Finished:	12/17/24; 11:30 am		

Read No.	Int/Ext	Room Name	Wall	Structure	Member	Substrate	Paint Color	Lead (mg/cm²)	Mode
1	-	Cal	-	-	-	-	-	1.1	TM
2	-	Cal	-	-	-	-	-	1.1	TM
3	-	Cal	-	-	-	-	-	1.1	TM
4	-	Average	-	-	-	-	-	1.1	TM
5	Exterior	Exterior	A	Wall	Block	Concrete	White	0.0	QM
6	Exterior	Exterior	A	Door	Frame	Wood	White	0.0	QM
7	Exterior	Exterior	A	Window	Window	Wood	Beige	0.1	QM
8	Exterior	Exterior	A	Window	Trim	Wood	Red	0.0	QM
9	Exterior	Exterior	A	Window	Sill	Concrete	Beige	1.9	QM
10	Exterior	Right side	A	Window	Window	Wood	Red	0.0	QM
11	Exterior	Right side	A	Window	Sill	Concrete	Beige	0.0	QM
12	Exterior	Right side	A	Roof	Rafter	Wood	Beige	0.1	QM
13	Exterior	Right side	A	Roof	Soffit	Wood	Beige	0.0	QM
14	Exterior	Left side	A	Window	Window	Wood	Red	0.1	QM
15	Exterior	Left side	A	Window	Sill	Concrete	Beige	0.0	QM
16	Exterior	Left side	A	Roof	Rafter	Wood	Beige	0.0	QM
17	Exterior	Left side	A	Roof	Soffit	Wood	Beige	0.2	QM
18	Exterior	Exterior	B	Wall	Block	Concrete	White	0.0	QM
19	Exterior	Exterior	B	Roof	Rafter	Wood	Beige	0.1	QM
20	Exterior	Exterior	B	Roof	Soffit	Wood	Beige	0.0	QM
21	Exterior	Exterior	C	Wall	Block	Concrete	White	0.0	QM
22	Exterior	Exterior	C	Door	Door	Wood	White	0.0	QM
23	Exterior	Exterior	C	Door	Frame	Wood	Red	0.0	QM
24	Exterior	Right side	C	Window	Window	Wood	Red	0.0	QM
25	Exterior	Right side	C	Window	Sill	Concrete	Beige	0.0	QM
26	Exterior	Right side	C	Roof	Rafter	Wood	Beige	0.0	QM
27	Exterior	Right side	C	Roof	Soffit	Wood	Beige	0.0	QM
28	Exterior	Left side	C	Window	Window	Wood	Red	0.1	QM
29	Exterior	Left side	C	Window	Sill	Concrete	Beige	0.5	QM
30	Exterior	Left side	C	Roof	Rafter	Wood	Beige	0.2	QM
31	Exterior	Left side	C	Roof	Soffit	Wood	Beige	0.0	QM
32	Exterior	Exterior	D	Wall	Block	Concrete	White	0.0	QM
33	Exterior	Exterior	D	Roof	Rafter	Wood	Beige	0.0	QM
34	Exterior	Exterior	D	Roof	Soffit	Wood	Beige	0.0	QM
35	Exterior	Pool	D	Floor	Block	Concrete	White	0.0	QM
36	Interior	Main room	A	Wall	Block	Concrete	White	0.0	QM
37	Interior	Main room	A	Door	Trim	Wood	Gray	0.0	QM
38	Interior	Main room	A	Window	Trim	Wood	White	3.6	QM
39	Interior	Main room	A	Window	Trim	Wood	White	2.6	QM
40	Interior	Main room	B	Wall	Block	Concrete	White	0.0	QM
41	Interior	Main room	B	Door	Door	Wood	White	0.0	QM
42	Interior	Main room	B	Door	Door	Wood	White	3.0	QM
43	Interior	Main room	C	Wall	Block	Concrete	White	0.0	QM
44	Interior	Main room	C	Door	Door	Wood	White	0.0	QM
45	Interior	Main room	C	Door	Trim	Wood	White	2.8	QM
46	Interior	Main room	C	Wall	Shelf	Wood	White	0.0	QM
47	Interior	Main room	D	Wall	Block	Concrete	White	0.0	QM
48	Interior	Main room	D	Door	Door	Wood	White	0.0	QM
49	Interior	Main room	D	Door	Trim	Wood	White	1.6	QM
50	Interior	Main room	-	Ceiling	Ceiling	Wood	White	1.7	QM
51	Interior	Main room	-	Ceiling	Trim	Wood	White	1.9	QM
52	Interior	Boys Side	A	Wall	Block	Concrete	White	0.0	QM
53	Interior	Boys Side	A	Window	Trim	Wood	White	3.8	QM
54	Interior	Boys Side	B	Wall	Block	Concrete	White	0.0	QM
55	Interior	Boys Side	B	Door	Trim	Wood	White	3.5	QM
56	Interior	Boys Side	C	Wall	Block	Concrete	White	0.0	QM
57	Interior	Boys Side	C	Window	Trim	Wood	White	3.4	QM
58	Interior	Boys Side	D	Wall	Block	Concrete	White	0.0	QM
59	Interior	Boys Side	D	Door	Door	Wood	White	0.0	QM
60	Interior	Boys Side	D	Door	Trim	Wood	White	3.5	QM
61	Interior	Boys Side	-	Ceiling	Ceiling	Wood	White	0.0	QM
62	Interior	Boys Shower	A	Wall	Block	Concrete	White	0.0	QM
63	Interior	Boys Shower	A	Window	Trim	Wood	White	3.7	QM
64	Interior	Boys Shower	B	Wall	Block	Concrete	White	0.0	QM
65	Interior	Boys Shower	C	Wall	Block	Concrete	White	0.0	QM
66	Interior	Boys Shower	C	Window	Trim	Wood	White	3.9	QM
67	Interior	Boys Shower	C	Bathroom stall	Wall	Wood	White	3.9	QM
68	Interior	Boys Shower	D	Wall	Block	Concrete	White	0.0	QM
69	Interior	Boys Shower	D	Door	Trim	Wood	White	3.8	QM
70	Interior	Boys Shower	-	Ceiling	Ceiling	Wood	White	0.0	QM
71	Interior	Boys Side	-	Bench	Box	Wood	Gray	0.1	QM
72	Interior	Girls Side	A	Wall	Block	Concrete	White	0.0	QM
73	Interior	Girls Side	A	Window	Trim	Wood	White	2.7	QM
74	Interior	Girls Side	A	Bathroom Stall	Wall	Wood	White	1.9	QM
75	Interior	Girls Side	B	Wall	Block	Concrete	White	0.0	QM
76	Interior	Girls Side	B	Door	Door	Wood	White	0.0	QM
77	Interior	Girls Side	B	Door	Trim	Wood	White	3.0	QM
78	Interior	Girls Side	B	Partition wall	Wall	Wood	White	1.7	QM
79	Interior	Girls Side	C	Wall	Block	Concrete	White	0.0	QM
80	Interior	Girls Side	C	Window	Trim	Wood	White	2.9	QM
81	Interior	Girls Side	C	Bathroom Stall	Wall	Wood	White	1.4	QM
82	Interior	Girls Side	D	Wall	Block	Concrete	White	0.0	QM
83	Interior	Girls Side	D	Door	Door	Wood	White	2.9	QM
84	Interior	Girls Side	-	Ceiling	Ceiling	Wood	White	0.0	QM
85	Interior	Girls Shower	A	Wall	Block	Concrete	White	0.0	QM
86	Interior	Girls Shower	A	Window	Trim	Wood	White	3.5	QM
87	Interior	Girls Shower	A	Bathroom Stall	Wall	Wood	White	2.9	QM
88	Interior	Girls Shower	B	Wall	Block	Concrete	White	0.0	QM
89	Interior	Girls Shower	B	Door	Door	Wood	White	3.6	QM
90	Interior	Girls Shower	C	Wall	Block	Concrete	White	0.0	QM
91	Interior	Girls Shower	C	Window	Trim	Wood	White	3.3	QM
92	Interior	Girls Shower	C	Pipe		Metal	White	0.0	QM
93	Interior	Girls Shower	D	Wall	Block	Concrete	White	0.0	QM
94	Interior	Girls Shower	-	Wall	Block	Concrete	White	0.0	QM
95	Interior	Girls Shower	-	Ceiling	Ceiling	Wood	White	0.0	QM
96	Interior	Main room	C	Window	Trim	Wood	White	3.3	QM
97	Interior	Main room	C	Wall	Shelf	Wood	White	0.4	QM
98	Interior	Main room	D	Partition wall	Wall	Wood	White	2.3	QM
99	-	Cal	-	-	-	-	-	1.0	TM
100	-	Cal	-	-	-	-	-	1.0	TM
101	-	Cal	-	-	-	-	-	1.1	TM
102	-	Average	-	-	-	-	-	1.0	TM
103									
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100% CONSTRUCTION DOCUMENTS

ENVIRONMENTAL - ASBESTOS REPORT

CITY OF OPELOUSAS

SOUTH CITY PARK CENTER

(TBD) S Market St, Opelousas, LA 70570 — St. Landry Parish

PROJECT ID: 20231117

db ARCHITECTURE OF ACADIANA, LLC
TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

DAVID BEVERLY REG. NO. 7626 REGISTERED ARCHITECT 01/17/2025

PROJECT NUMBER: 20231117
DATE: 01/17/2025
EV100

DATE: 8/20/2025 3:00:07 PM COPYRIGHT: dbARCHITECTURE of ACADIANA, LLC

RITTER
CONSULTING ENGINEERS

2014 W. Pinhook Rd. Suite 200
Lafayette, LA 70508
Phone: 337.984.8498
Fax: 337.984.8576

Andrea B. Manceaux, P.E.*
Lee Ritter, C.I.E.C., C.E.O.P, Journeyman Water Restorer, FSRT, ASD

01/06/2025

City of Opelousas
Demolition of Pool House
105 N Main Street
Opelousas, LA, 70570

RE: South City Park Pool House Asbestos & Lead Inspection Services
RCE Project No.: 245224

Dear City of Opelousas

Thank you for giving Ritter Consulting Engineers the opportunity to perform asbestos inspection and lead survey services. The following are the results of the thorough testing conducted on **South City Park Pool House**.

The result of the asbestos sampling was that we took one (1) asbestos samples for suspect materials. Out of those samples none returned positive for asbestos. Please see attached lab results, sample log, sample locations, and accreditations in Appendix A.

The results of the lead sampling done by XRF analysis were applied to one-hundred and two (102) sampled areas of the building's interior and exterior which represent the construction types and apparent paint history in the aforementioned structure. Of which areas were sampled, twenty-nine (29) sample(s) were determined to exceed the threshold of 1.0 mg/cm^2 (milligrams per centimeter squared) and all samples are listed in attached XRF sample number, locations and accreditations in Appendix B. Lead will need to be abated before Demolition can be started.

If you have any questions or concerns, please do not hesitate to call. Sincerely,

Stephan J Comb, Asbestos Inspector

encl(s): Sample Log, Lab Results, Inspector's Certifications, Lab Certifications

*Licensed in Louisiana, Texas, Mississippi, Alabama, Florida, Wisconsin, Ohio

5

Project: 245224 - ASB/LPS - South City Park Asb & LPS Inspection
Date: 12/17/2024, 9:35am
Creator: Jacques Comb

6

Project: 245224 - ASB/LPS - South City Park Asb & LPS Inspection
Date: 12/17/2024, 9:35am
Creator: Jacques Comb

7

Project: 245224 - ASB/LPS - South City Park Asb & LPS Inspection
Date: 12/17/2024, 9:35am
Creator: Jacques Comb

8

Project: 245224 - ASB/LPS - South City Park Asb & LPS Inspection
Date: 12/17/2024, 9:36am
Creator: Jacques Comb

9

Project: 245224 - ASB/LPS - South City Park Asb & LPS Inspection
Date: 12/17/2024, 9:36am
Creator: Jacques Comb

10

Project: 245224 - ASB/LPS - South City Park Asb & LPS Inspection
Date: 12/17/2024, 9:49am
Creator: Jacques Comb

11

Project: 245224 - ASB/LPS - South City Park Asb & LPS Inspection
Date: 12/17/2024, 9:49am
Creator: Jacques Comb

12

Project: 245224 - ASB/LPS - South City Park Asb & LPS Inspection
Date: 12/17/2024, 9:49am
Creator: Jacques Comb

13

Project: 245224 - ASB/LPS - South City Park Asb & LPS Inspection
Date: 12/17/2024, 9:49am
Creator: Jacques Comb

14

Project: 245224 - ASB/LPS - South City Park Asb & LPS Inspection
Date: 12/17/2024, 9:49am
Creator: Jacques Comb

15

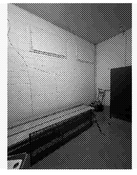
Project: 245224 - ASB/LPS - South City Park Asb & LPS Inspection
Date: 12/17/2024, 9:49am
Creator: Jacques Comb

16

Project: 245224 - ASB/LPS - South City Park Asb & LPS Inspection
Date: 12/17/2024, 9:49am
Creator: Jacques Comb

17

Project: 245224 - ASB/LPS - South City Park Asb & LPS Inspection
Date: 12/17/2024, 9:49am
Creator: Jacques Comb

18

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Date: 12/17/2024, 9:49am
Creator: Jacques Comb

19

Project: 245224 - ASB/LPS - South City Park Asb & LPS Inspection
Date: 12/17/2024, 9:49am
Creator: Jacques Comb

20

Project: 245224 - ASB/LPS - South City Park Asb & LPS Inspection
Date: 12/17/2024, 9:49am
Creator: Jacques Comb

21

Project: 245224 - ASB/LPS - South City Park Asb & LPS Inspection
Date: 12/17/2024, 9:49am
Creator: Jacques Comb

22

Project: 245224 - ASB/LPS - South City Park Asb & LPS Inspection
Date: 12/17/2024, 9:49am
Creator: Jacques Comb

23

Project: 245224 - ASB/LPS - South City Park Asb & LPS Inspection
Date: 12/17/2024, 9:49am
Creator: Jacques Comb

24

Project: 245224 - ASB/LPS - South City Park Asb & LPS Inspection
Date: 12/17/2024, 9:49am
Creator: Jacques Comb

25

Project: 245224 - ASB/LPS - South City Park Asb & LPS Inspection
Date: 12/17/2024, 9:49am
Creator: Jacques Comb

26

Project: 245224 - ASB/LPS - South City Park Asb & LPS Inspection
Date: 12/17/2024, 9:49am
Creator: Jacques Comb

27

Project: 245224 - ASB/LPS - South City Park Asb & LPS Inspection
Date: 12/17/2024, 9:50am
Creator: Jacques Comb

28

Project: 245224 - ASB/LPS - South City Park Asb & LPS Inspection
Date: 12/17/2024, 9:51am
Creator: Jacques Comb

DATE: 8/20/2025 3:00:11 PM COPYRIGHT dbARCHITECTURE of ACADIANA, LLC

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ENVIRONMENTAL - ASBESTOS REPORT

CITY OF OPELOUSAS

SOUTH CITY PARK CENTER

(TBD) S Market St, Opelousas, LA 70570 St. Landry Parish

PROJECT ID: 20231117

db ARCHITECTURE OF ACADIANA, LLC

TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

DAVID BEVERLY REG. NO. 32576 REGISTERED ARCHITECT

PROJECT NUMBER: 20231117

DATE: 01/17/2025

EV101

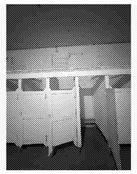
29

Project: 245224 - ASB/LPS - South City Park Asb & LPS Inspection
Date: 12/17/2024, 9:51am
Creator: Jacques Comb

30

Project: 245224 - ASB/LPS - South City Park Asb & LPS Inspection
Date: 12/17/2024, 9:51am
Creator: Jacques Comb

31



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Date: 12/17/2024, 9:51am
Creator: Jacques Comb

32

Project: 245224 - ASB/LPS - South City Park Asb & LPS Inspection
Date: 12/17/2024, 9:51am
Creator: Jacques Comb

33

Project: 245224 - ASB/LPS - South City Park Asb & LPS Inspection
Date: 12/17/2024, 9:51am
Creator: Jacques Comb

34

Project: 245224 - ASB/LPS - South City Park Asb & LPS Inspection
Date: 12/17/2024, 9:51am
Creator: Jacques Comb

35

Project: 245224 - ASB/LPS - South City Park Asb & LPS Inspection
Date: 12/17/2024, 9:51am
Creator: Jacques Comb

36

Project: 245224 - ASB/LPS - South City Park Asb & LPS Inspection
Date: 12/17/2024, 9:51am
Creator: Jacques Comb

37

Project: 245224 - ASB/LPS - South City Park Asb & LPS Inspection
Date: 12/17/2024, 9:51am
Creator: Jacques Comb

38

Project: 245224 - ASB/LPS - South City Park Asb & LPS Inspection
Date: 12/17/2024, 9:57am
Creator: Jacques Comb

39

Project: 245224 - ASB/LPS - South City Park Asb & LPS Inspection
Date: 12/17/2024, 9:57am
Creator: Jacques Comb

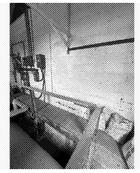
40

Project: 245224 - ASB/LPS - South City Park Asb & LPS Inspection
Date: 12/17/2024, 10:18am
Creator: Jacques Comb

41

Project: 245224 - ASB/LPS - South City Park Asb & LPS Inspection
Date: 12/17/2024, 10:18am
Creator: Jacques Comb

42



Project: 245224 - ASB/LPS - South City Park Asb & LPS Inspection
Date: 12/17/2024, 10:19am
Creator: Jacques Comb

43

Project: 245224 - ASB/LPS - South City Park Asb & LPS Inspection
Date: 12/17/2024, 10:19am
Creator: Jacques Comb

44

Project: 245224 - ASB/LPS - South City Park Asb & LPS Inspection
Date: 12/17/2024, 10:19am
Creator: Jacques Comb

45

Project: 245224 - ASB/LPS - South City Park Asb & LPS Inspection
Date: 12/17/2024, 10:19am
Creator: Jacques Comb

46

Project: 245224 - ASB/LPS - South City Park Asb & LPS Inspection
Date: 12/17/2024, 10:20am
Creator: Jacques Comb

47

Project: 245224 - ASB/LPS - South City Park Asb & LPS Inspection
Date: 12/17/2024, 10:20am
Creator: Jacques Comb

48

Project: 245224 - ASB/LPS - South City Park Asb & LPS Inspection
Date: 12/17/2024, 10:55am
Creator: Jacques Comb
Tags: Positive for Lead

49

Project: 245224 - ASB/LPS - South City Park Asb & LPS Inspection
Date: 12/17/2024, 10:55am
Creator: Jacques Comb
Tags: Positive for Lead

50

Project: 245224 - ASB/LPS - South City Park Asb & LPS Inspection
Date: 12/17/2024, 10:55am
Creator: Jacques Comb
Tags: Positive for Lead

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ENVIRONMENTAL - ASBESTOS REPORT

CITY OF OPELOUSAS

SOUTH CITY PARK CENTER

(TBD) S Market St, Opelousas, LA 70570 — St. Landry Parish

PROJECT ID: 20231117

db | ARCHITECTURE OF ACADIANA, LLC

TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

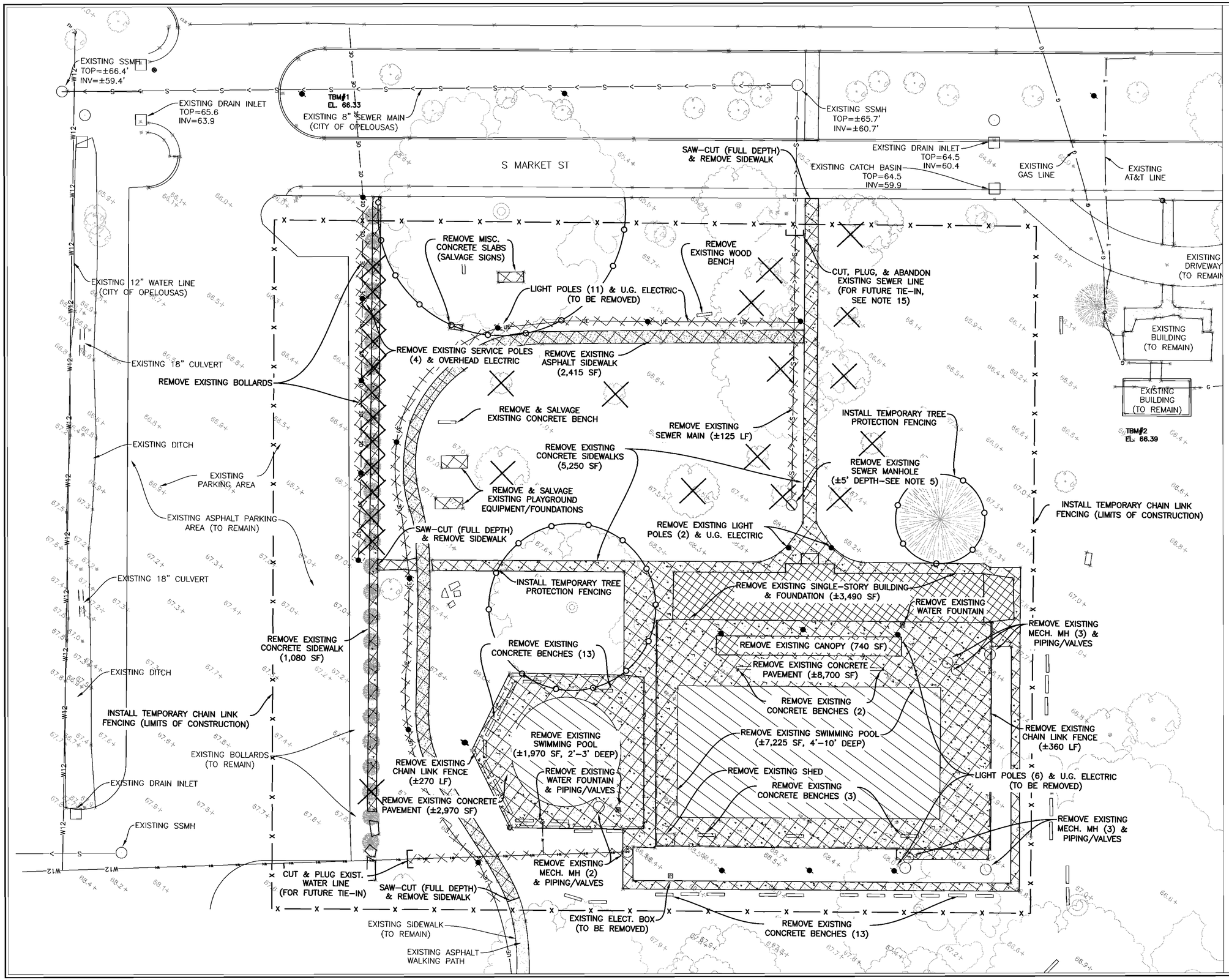
DAVID BEVERLY REG. NO. 7575 REGISTERED ARCHITECT STATE OF LOUISIANA 01/17/2025

PROJECT NUMBER: 20231117

DATE: 01/17/2025

EV102

DATE 8/20/2025 3:00:17 PM COPYRIGHT dbARCHITECTURE of ACADIANA, LLC



0' 20' 40'

SCALE: 1"=20'

SURVEY NOTES:

1. TOPOGRAPHIC SURVEY DATA WAS COLLECTED BY LCR & COMPANY, LLC IN OCTOBER OF 2024.
2. HORIZONTAL DATUM AND DISTANCES ARE REFERENCED TO LOUISIANA STATE PLANE, NAD83, LOUISIANA SOUTH ZONE (1702), U.S. SURVEY FEET.
3. ELEVATIONS SHOWN ARE REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88), U.S. SURVEY FEET (GEOID 12B).

DEMOLITION NOTES:

1. THE CONTRACTOR SHALL COORDINATE A PRE-DEMOLITION CONFERENCE WITH THE OWNER, ARCHITECT, AND ENGINEER PRIOR TO COMMENCEMENT OF DEMOLITION OPERATIONS.
2. THE UNDERGROUND UTILITY LOCATIONS SHOWN ARE APPROXIMATE BASED ON AVAILABLE RECORD MAPS AND MAY NOT BE COMPLETE. CONTRACTOR SHALL CONTACT LOUISIANA ONE CALL AT 811 TO LOCATE UTILITIES PRIOR TO THE START OF DEMOLITION.
3. ALL ITEMS INDICATED TO BE REMOVED & SALVAGED SHALL BE CLEANED AND PROPERLY STORED AT A LOCATION DESIGNATED BY THE OWNER.
4. ALL UTILITIES SERVICING SURROUNDING FACILITIES OUTSIDE THE LIMITS OF CONSTRUCTION SHALL REMAIN FUNCTIONAL THROUGHOUT CONSTRUCTION, UNLESS OTHERWISE REQUIRED. THE CONTRACTOR SHALL NOTIFY THE OWNER, ARCHITECT, AND UTILITY PROVIDER AT LEAST ONE WEEK PRIOR TO THE DISTURBANCE OR DEMOLITION OF UTILITIES AND SHALL NOT COMMENCE UNTIL APPROVAL IS RECEIVED.
5. IMPORTANT: SEVERAL OF THE MANHOLE STRUCTURES LOCATED WERE INUNDATED WITH SEDIMENT AND DEBRIS. EXTREME CAUTION SHOULD BE USED WHEN REMOVING EXISTING UTILITIES. AREAS SURROUNDING EXISTING MANHOLE STRUCTURES SHALL BE HAND-EXCAVATED TO LOCATE POTENTIAL SERVICE AND MAIN LINES ENTERING/LEAVING MANHOLES.
6. COSTS FOR REMOVAL OF THE POOL SYSTEM PIPING SHALL BE CONSIDERED INCIDENTAL TO THE REMOVAL OF THE EXISTING SWIMMING POOLS. NO ADDITIONAL PAYMENT SHALL BE MADE FOR POOL SYSTEM PIPING NOT SHOWN ON THE CONSTRUCTION PLAN DRAWINGS.
7. THE CONTRACTOR SHALL INSTALL TEMPORARY CHAIN LINK FENCING (MIN. 6' HEIGHT) AROUND THE LIMITS OF CONSTRUCTION PRIOR TO THE START OF DEMOLITION TO PREVENT PUBLIC ACCESS FROM THE WORK AREA. ACCESS GATES SHALL REMAIN LOCKED DURING OFF HOURS AND MONITORED DURING WORKING HOURS.
8. TEMPORARY TREE PROTECTION FENCING (4' ORANGE SAFETY FENCE W/ METAL T-POSTS) SHALL BE INSTALLED AT THE DRIP LINE OF TREES TO REMAIN, AS INDICATED ON THIS DRAWING.
9. THE SITE SHALL BE STRIPPED OF VEGETATION AND ROUGE GRADED IMMEDIATELY AFTER DEMOLITION TO ELIMINATE DEPRESSIONS AND ENSURE POSITIVE DRAINAGE. ALL EXCAVATION AND EMBANKMENT BELOW PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT FOR THIS SITE. REFER TO THE "PHASE 1 GRADING AND DRAINAGE PLAN" FOR ADDITIONAL DETAILS.
10. DAMAGE TO ANY FEATURE TO REMAIN WILL BE REPLACED AT NO ADDITIONAL COST TO THE OWNER.
11. THE CONTRACTOR SHALL VERIFY EXISTING SITE CONDITIONS AND INFORM THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO THE START OF DEMOLITION.
12. ALL EXISTING UTILITY INVERTS SHALL BE VERIFIED AND THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES IN WRITING, PRIOR TO THE COMMENCEMENT OF DEMOLITION.
13. THE CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS REGARDING DEMOLITION AND DISPOSAL OF DEMOLISHED MATERIALS. IT IS THE CONTRACTORS RESPONSIBILITY TO OBTAIN APPLICABLE PERMITS AND TO COMPLY WITH THOSE REGULATIONS.
14. UPON COMPLETION OF ALL DEMOLITION OPERATIONS AND PRIOR TO THE DEMOBILIZATION OF PERSONNEL AND EQUIPMENT, THE CONTRACTOR SHALL COORDINATE A CLOSEOUT MEETING WITH THE ARCHITECT, ENGINEER, AND OWNER.
15. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT WHEN THE EXISTING SEWER LINE HAS BEEN EXPOSED ON THE WEST SIDE OF MARKET STREET. AT THIS TIME, THE ARCHITECT/ENGINEER AND OWNER SHALL MAKE A DECISION AS TO THE CONDITION OF THE EXISTING SEWER LINE AND WEATHER OR NOT IT SHOULD BE USED FOR FUTURE TIE IN, OR IF THE LINE SHOULD BE PLUGGED AND ABANDONED AT THE SEWER MANHOLE IN THE MEDIAN OF MARKET STREET.
16. ITEMS TO BE "REMOVED & SALVAGED" SHALL BE DISASSEMBLED AND TRANSPORTED OFF SITE BY THE CONTRACTOR TO A LOCATION DESIGNATED BY THE OWNER FOR RE-INSTALLATION BY OTHERS.

LEGEND:

- TREE (TO BE REMOVED) ×
- SWIMMING POOL (TO BE REMOVED)
- CONCRETE PAVING (TO BE REMOVED)
- ASPHALT PAVING (TO BE REMOVED)
- BUILDING & FOUNDATION (TO BE REMOVED)

LCR & COMPANY, LLC
318 Belle Grove Blvd
Lafayette, LA 70503
(337) 207-3761

DEMOLITION PLAN

CITY OF OPELOUSAS
SOUTH CITY PARK CENTER
ST. LANDRY PARISH, LA

STATE OF LOUISIANA
LANCE C. ROBICHAUX
License No. 44480
PROFESSIONAL ENGINEER

STAMP:
1/17/2025

DATE:
100% CONSTRUCTION DOCUMENTS

NO.	DATE	REVISION DESCRIPTION	BY

DRAWN BY: T. CORMIER
CHECKED BY: L. ROBICHAUX
ENGINEER: L. ROBICHAUX
FILE: SEE LEFT
LCR PROJ # 24-128
DATE: 1/17/2025

SHEET C-1

EXISTING SSMH
TOP=±66.4'
INV=±59.4'

EXISTING DRAIN INLET
TOP=65.6
INV=63.9

TBM#1
EL. 66.33

EXISTING 8" SEWER MAIN
(CITY OF OPELOUSAS)

EXISTING SSMH
TOP=±65.7'
INV=±60.7'

EXISTING DRAIN INLET
TOP=64.5
INV=60.4

EXISTING CATCH BASIN
TOP=64.5
INV=59.9

EXISTING
GAS LINE

EXISTING
AT&T LINE

TEMPORARY 6' CHAIN
LINK FENCE

S MARKET ST

LIMITS OF GRADING
(TIE INTO ADJACENT
NATURAL GROUND)

TREE TO REMAIN
(AVOID GRADING
IN THIS AREA)

SILT FENCING
(WIRE-BACKED)

EXISTING
DRIVEWAY
(TO REMAIN)

EXISTING
BUILDING
(TO REMAIN)

EXISTING
BUILDING
(TO REMAIN)

TBM#2
EL. 66.39

PROPOSED COMMUNITY
CENTER BUILDING
FOOTPRINT

EXISTING 12" WATER LINE
(CITY OF OPELOUSAS)

EXISTING 18" CULVERT

EXISTING DITCH

EXISTING
PARKING AREA

EXISTING 18" CULVERT

EXISTING DITCH

EXISTING DRAIN INLET

EXISTING SSMH

TREE TO REMAIN
(AVOID GRADING
IN THIS AREA)

TREE TO REMAIN
(AVOID GRADING
IN THIS AREA)

HIGH POINT

HIGH POINT

LIMITS OF GRADING
(TIE INTO ADJACENT
NATURAL GROUND)

SILT FENCING
(WIRE-BACKED)

LIMITS OF GRADING
(TIE INTO ADJACENT
NATURAL GROUND)

TEMPORARY 6' CHAIN
LINK FENCE

EXISTING ASPHALT
WALKING PATH

0' 20' 40'
SCALE: 1"=20'

ROUGH GRADING NOTES:
1. PROPOSED ELEVATIONS SHOWN INDICATE ROUGH DIRT GRADES FOLLOWING DEMOLITION OPERATIONS. CONTRACTOR SHALL RESTORE AND LEVEL THE SITE BY BACKFILLING ALL DEPRESSIONS AND LOW AREAS IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND ENSURE POSITIVE DRAINAGE.
2. ALL ELEVATIONS ARE REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88), U.S. SURVEY FEET (GEOID 12B).
3. ROUGH GRADE AREA TO BE STRIPPED OF TOP SOIL TO DEPTH AS INDICATED BY SOIL ENGINEER (±6"). TOP SOIL, RUBBISH, DEBRIS, AND OTHER OBJECTIONABLE MATERIAL TO BE DISPOSED OF BY THE CONTRACTOR IN ACCORDANCE WITH ALL STATE AND LOCAL REGULATIONS.
4. CONTRACTOR TO REMOVE ALL TREES & SHRUBS INDICATED TO BE REMOVED. REMOVE STUMPS, MAIN ROOT BALL, AND ROOTS GREATER THAN 3-INCHES IN DIAMETER TO 24-INCHES (MIN.) BELOW EXISTING GRADE.
5. CONTRACTOR TO CLEAR UNDERGROWTH & DEAD WOOD WITHOUT DISTURBING SUBSOIL.
6. THE EXISTING SUBGRADE SHALL BE PROOF-ROLLED AND THE TOP 6-INCHES SHALL BE COMPACTED TO 95% MAXIMUM DRY DENSITY PER ASTM D698.
7. CONTRACTOR SHALL BACKFILL DEPRESSIONS CREATED BY DEMOLITION OPERATIONS USING IMPORT STRUCTURAL FILL (LL<40, PI<20), AS REQUIRED IN 8" COMPACTED LIFTS TO OBTAIN FINISHED ELEVATIONS SHOWN ON PLANS. COMPACT BACKFILL MATERIAL TO 95% STANDARD PROCTOR DENSITY AS PER ASTM D-698 AND IN CONFORMANCE WITH SOILS REPORT REQUIREMENTS. SLOPE BETWEEN FINISHED GRADES SHALL BE UNIFORM. THE MOISTURE CONTENT FOR COMPACTION OF SITE FILL SHALL BE AS DETERMINED BY THE SOIL ENGINEER.
8. THE ON-SITE GEOTECHNICAL ENGINEER OR HIS/HER REPRESENTATIVE WILL MONITOR THE FILL OPERATION, IDENTIFY SOIL TYPES, AND MAKE RECOMMENDATIONS CONCERNING SELECTION AND PLACEMENT OF SOILS.
9. FOLLOWING ROUGH GRADING OPERATIONS AND APPROVAL OF GRADES BY THE ARCHITECT, THE CONTRACTOR SHALL SPREAD CLEAN, USABLE TOPSOIL AND BROADCAST SEED ALL GRADED AREAS WITHIN 72 HOURS OF FINAL GRADING.

EROSION CONTROL NOTE:
CONTRACTOR TO PROVIDE TEMPORARY MEASURES TO CONTROL STORM WATER RUN-OFF DURING CONSTRUCTION, INCLUDING BUT NOT LIMITED TO, SILT FENCING, SEDIMENT CHECK DAMS (HAY BALES), RIPRAP AT PIPE OUTFALLS, AND SLOPE STABILIZATION (HYDROSEEDING). THE CONTRACTOR IS REQUIRED TO MINIMIZE EROSION AND TO MEET SWPPP REQUIREMENTS.

LEGEND:
- SILT FENCING
- TEMPORARY 6' CHAIN LINK FENCE
- TREE PROTECTION FENCE (4' HEIGHT)
- LIMITS OF ROUGH GRADING

LCR & COMPANY, LLC
318 Belle Grove Blvd
Lafayette, LA 70503
(337) 207-3761

ROUGH GRADING PLAN

CITY OF OPELOUSAS
SOUTH CITY PARK CENTER
ST. LANDRY PARISH, LA

STATE OF LOUISIANA
LANCE C. ROBICHAUX
License No. 44480
PROFESSIONAL ENGINEER

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1/17/2025
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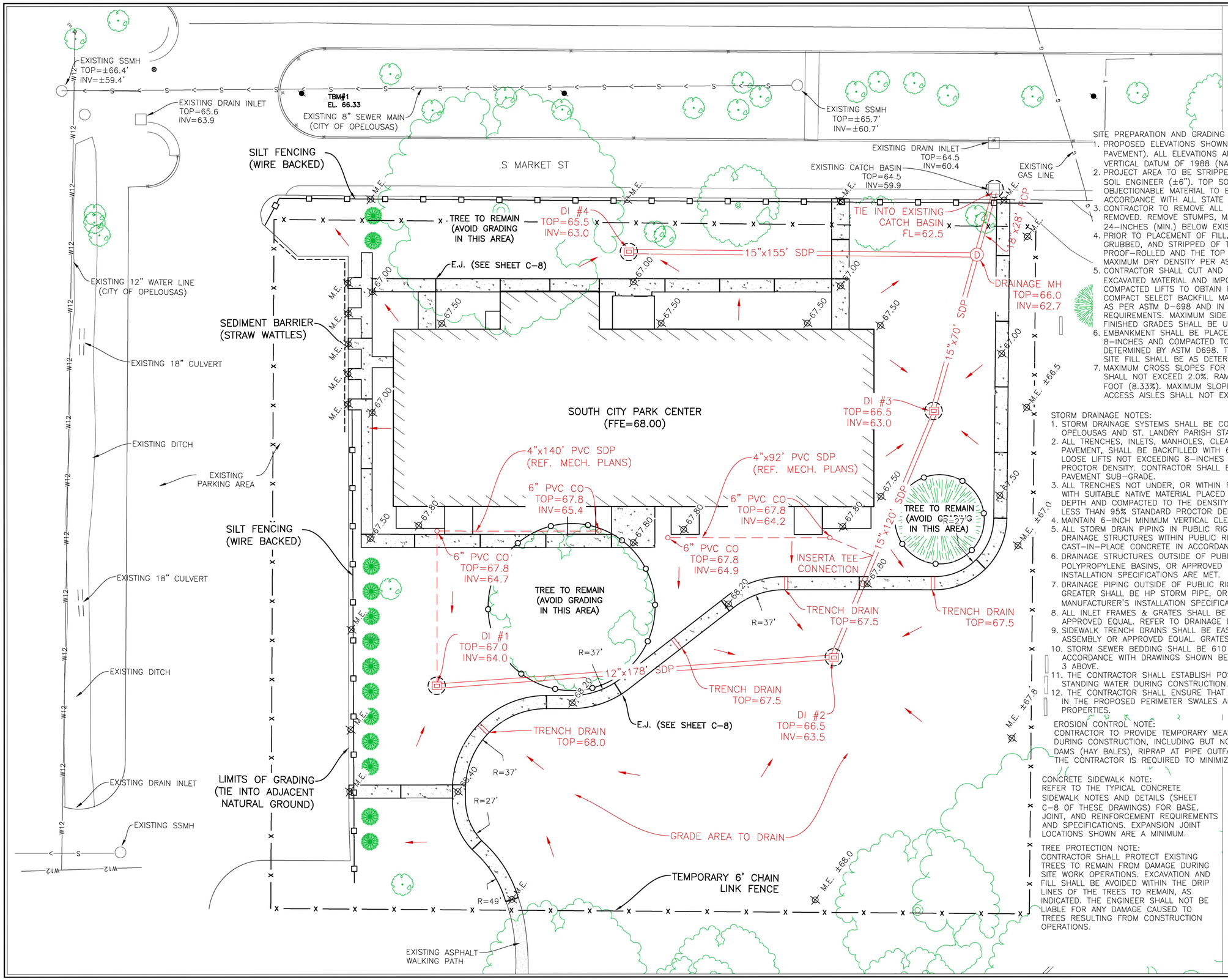
ENGINEER: L. ROBICHAUX
FILE: SEE LEFT
LCR PROJ # 24-128
DATE: 1/17/2025

SHEET C-2

C:\Users\Lance\LCR & Company, LLC Dropbox\LCR & Company, LLC Team Folder\LCR & Company, LLC\3. Engineering\24-128 Opelousas Community Center\CAD Files\24-128 OCC.dwg Lance January 10, 2025 - 4:07pm



SITE PREPARATION AND GRADING NOTES:

1. PROPOSED ELEVATIONS SHOWN INDICATE FINAL GRADES (TOP OF PAVEMENT). ALL ELEVATIONS ARE REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88), U.S. SURVEY FEET (GEOID 12B).
2. PROJECT AREA TO BE STRIPPED OF TOP SOIL TO DEPTH AS INDICATED BY SOIL ENGINEER (±6"). TOP SOIL, RUBBISH, DEBRIS, AND OTHER OBJECTIONABLE MATERIAL TO BE DISPOSED OF BY THE CONTRACTOR IN ACCORDANCE WITH ALL STATE AND LOCAL REGULATIONS.
3. CONTRACTOR TO REMOVE ALL TREES & SHRUBS INDICATED TO BE REMOVED. REMOVE STUMPS, MAIN ROOT BALL, AND ROOT SYSTEMS TO 24-INCHES (MIN.) BELOW EXISTING GRADE.
4. PRIOR TO PLACEMENT OF FILL, THE SURFACE AREA SHALL BE CLEARED, GRUBBED, AND STRIPPED OF TOP SOIL. FILL SURFACE SHALL BE PROOF-ROLLED AND THE TOP 6-INCHES SHALL BE COMPACTED TO 95% MAXIMUM DRY DENSITY PER ASTM D698.
5. CONTRACTOR SHALL CUT AND FILL SITE USING SUITABLE ON-SITE EXCAVATED MATERIAL AND IMPORT STRUCTURAL FILL, AS REQUIRED IN 8" COMPACTED LIFTS TO OBTAIN FINISHED ELEVATIONS SHOWN ON PLANS. COMPACT SELECT BACKFILL MATERIAL TO 95% STANDARD PROCTOR DENSITY AS PER ASTM D-698 AND IN CONFORMANCE WITH SOILS REPORT REQUIREMENTS. MAXIMUM SIDE SLOPES TO BE 3:1. SLOPE BETWEEN FINISHED GRADES SHALL BE UNIFORM.
6. EMBANKMENT SHALL BE PLACED IN LOOSE LIFTS NOT EXCEEDING 8-INCHES AND COMPACTED TO 95% OF MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D698. THE MOISTURE CONTENT FOR COMPACTION OF SITE FILL SHALL BE AS DETERMINED BY THE SOIL ENGINEER.
7. MAXIMUM CROSS SLOPES FOR SIDEWALKS AND A.D.A. ACCESS ROUTES SHALL NOT EXCEED 2.0%. RAMP SLOPES SHALL NOT EXCEED 1-INCH PER FOOT (8.33%). MAXIMUM SLOPES FOR HANDICAP PARKING SPACES AND ACCESS AISLES SHALL NOT EXCEED 2.0% IN ANY DIRECTION.

STORM DRAINAGE NOTES:

1. STORM DRAINAGE SYSTEMS SHALL BE CONSTRUCTED IN ACCORDANCE WITH ALL CITY OF OPELOUSAS AND ST. LANDRY PARISH STANDARDS.
2. ALL TRENCHES, INLETS, MANHOLES, CLEANOUTS, ETC., UNDER OR WITHIN FIVE FEET OF PAVEMENT, SHALL BE BACKFILLED WITH 610 CRUSHED LIMESTONE MATERIAL PLACED IN LOOSE LIFTS NOT EXCEEDING 8-INCHES IN DEPTH AND COMPACTED TO 95% STANDARD PROCTOR DENSITY. CONTRACTOR SHALL BACKFILL SEWER TRENCHES TO THE BOTTOM OF PAVEMENT SUB-GRADE.
3. ALL TRENCHES NOT UNDER, OR WITHIN FIVE FEET OF, PAVEMENT SHALL BE BACKFILLED WITH SUITABLE NATIVE MATERIAL PLACED IN LOOSE LIFTS NOT EXCEEDING 12-INCHES IN DEPTH AND COMPACTED TO THE DENSITY OF NATURAL SURROUNDING SOIL, BUT NOT LESS THAN 95% STANDARD PROCTOR DENSITY.
4. MAINTAIN 6-INCH MINIMUM VERTICAL CLEARANCE AT PIPE CROSSINGS.
5. ALL STORM DRAIN PIPING IN PUBLIC RIGHT-OF-WAYS SHALL BE RCP, CLASS III, AND DRAINAGE STRUCTURES WITHIN PUBLIC RIGHT OF WAY SHALL BE PRECAST OR CAST-IN-PLACE CONCRETE IN ACCORDANCE WITH LA DOTD DETAILS AND SPECIFICATIONS.
6. DRAINAGE STRUCTURES OUTSIDE OF PUBLIC RIGHT-OF-WAYS SHALL BE ADS 48" POLYPROPYLENE BASINS, OR APPROVED EQUAL, PROVIDED THAT ALL MANUFACTURER'S INSTALLATION SPECIFICATIONS ARE MET.
7. DRAINAGE PIPING OUTSIDE OF PUBLIC RIGHT-OF-WAYS AND 12" IN DIAMETER OR GREATER SHALL BE HP STORM PIPE, OR APPROVED EQUAL, PROVIDED THAT ALL MANUFACTURER'S INSTALLATION SPECIFICATIONS ARE MET.
8. ALL INLET FRAMES & GRATES SHALL BE NYLYPLAST 30" (TYPE B) GRATE ASSEBLIES, OR APPROVED EQUAL. REFER TO DRAINAGE DETAILS FOR ADDITIONAL INFORMATION.
9. SIDEWALK TRENCH DRAINS SHALL BE EAST JORDAN IRON WORKS V7320-2 V7384-20 ASSEMBLY OR APPROVED EQUAL. GRATES SHALL BE BOLTED DOWN.
10. STORM SEWER BEDDING SHALL BE 610 CRUSHED LIMESTONE (6-INCHES THICK) IN ACCORDANCE WITH DRAWINGS SHOWN BELOW. BACKFILL SHALL BE AS PER NOTES 2 AND 3 ABOVE.
11. THE CONTRACTOR SHALL ESTABLISH POSITIVE DRAINAGE AT ALL TIMES AND MINIMIZE STANDING WATER DURING CONSTRUCTION.
12. THE CONTRACTOR SHALL ENSURE THAT ALL SITE STORM WATER RUNOFF IS COLLECTED IN THE PROPOSED PERIMETER SWALES AND DOES NOT DISCHARGE ONTO ADJACENT PROPERTIES.

EROSION CONTROL NOTE:
CONTRACTOR TO PROVIDE TEMPORARY MEASURES TO CONTROL STORM WATER RUN-OFF DURING CONSTRUCTION, INCLUDING BUT NOT LIMITED TO, SILT FENCING, SEDIMENT CHECK DAMS (HAY BALES), RIPRAP AT PIPE OUTFALLS, AND SLOPE STABILIZATION (HYDROSEEDING). THE CONTRACTOR IS REQUIRED TO MINIMIZE EROSION AND TO MEET SWPPP REQUIREMENTS.

CONCRETE SIDEWALK NOTE:
REFER TO THE TYPICAL CONCRETE SIDEWALK NOTES AND DETAILS (SHEET C-8 OF THESE DRAWINGS) FOR BASE, JOINT, AND REINFORCEMENT REQUIREMENTS AND SPECIFICATIONS. EXPANSION JOINT LOCATIONS SHOWN ARE A MINIMUM.

TREE PROTECTION NOTE:
CONTRACTOR SHALL PROTECT EXISTING TREES TO REMAIN FROM DAMAGE DURING SITE WORK OPERATIONS. EXCAVATION AND FILL SHALL BE AVOIDED WITHIN THE DRIP LINES OF THE TREES TO REMAIN, AS INDICATED. THE ENGINEER SHALL NOT BE LIABLE FOR ANY DAMAGE CAUSED TO TREES RESULTING FROM CONSTRUCTION OPERATIONS.

LEGEND:

- SILT FENCING
- TEMPORARY 6' CHAIN LINK FENCE
- TREE PROTECTION FENCE (4' HEIGHT)
- SEDIMENT BARRIER (STRAW WATTLE)
- DRAIN INLET
- STORM DRAIN PIPE
- GRADING DIRECTION
- DRAIN INLET SEDIMENT BARRIER (SILT FENCE)
- CONCRETE SIDEWALKS (SEE SHEET C-8)

LCR & COMPANY, LLC
318 Belle Grove Blvd
Lafayette, LA 70503
(337) 207-3761

GRADING & DRAINAGE PLAN

CITY OF OPELOUSAS
SOUTH CITY PARK CENTER
ST. LANDRY PARISH, LA

LANCE C. ROBICHAUX
License No. 44480
PROFESSIONAL
ENGINEER

STAMP:
1/17/2025

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NO.	DATE	REVISION DESCRIPTION	BY
1	8/15/25	UPDATE C-3 W/ REMOVAL OF C-2	LCR

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CHECKED BY: L. ROBICHAUX
ENGINEER: L. ROBICHAUX
FILE: SEE LEFT
LCR PROJ # 24-128
DATE: 1/17/2025

SHEET C-3

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EXISTING SSMH
TOP=±66.4'
INV=±59.4'

EXISTING DRAIN INLET
TOP=65.6
INV=63.9

TBM#1
EL. 66.33

EXISTING 8" SEWER MAIN
(CITY OF OPELOUSAS)

TIE INTO EXISTING SSMH

EXISTING SSMH
TOP=±65.7'
INV=±60.7'

REQ'D 8"x76' SSP @ 0.40% (MIN)
(JACK OR BORE 40 LF)

S MARKET ST

EXISTING DRAIN INLET
TOP=64.5
INV=60.4

EXISTING CATCH BASIN
TOP=64.5
INV=59.9

EXISTING
GAS LINE

EXISTING
AT&T LINE

EXISTING
DRIVEWAY
(TO REMAIN)

EXISTING 12" WATER LINE
(CITY OF OPELOUSAS)

REQ'D 2.5"x88' DOMESTIC WATER LINE
(REF.PLUMBING PLAN FOR EXACT TIE
IN LOCATION)

REQ'D SSMH
TOP=±67.5'
INV=61.20'

SEWER SERVICE LINE
(REF. PLUMBING PLAN)

EXISTING 18" CULVERT

REQ'D 4"' FIRE WATER PIPING
TO REMOTE MOUNTED FIRE
DEPARTMENT CONNECTION
(REF.SPRINKLER PLAN)

SOUTH CITY PARK CENTER
(FFE=68.00)

EXISTING
BUILDING
(TO REMAIN)

EXISTING
BUILDING
(TO REMAIN)

TBM#2
EL. 66.39

EXISTING DITCH

REQ'D TAPPING
SLEEVE & VALVE

EXISTING
PARKING AREA

REQ'D 8"x145' C900
PVC WATER MAIN
(JACK OR BORE 110 LF)

REQ'D FIRE HYDRANT
ASSEMBLY
(REF. DETAIL A)

DETAIL A

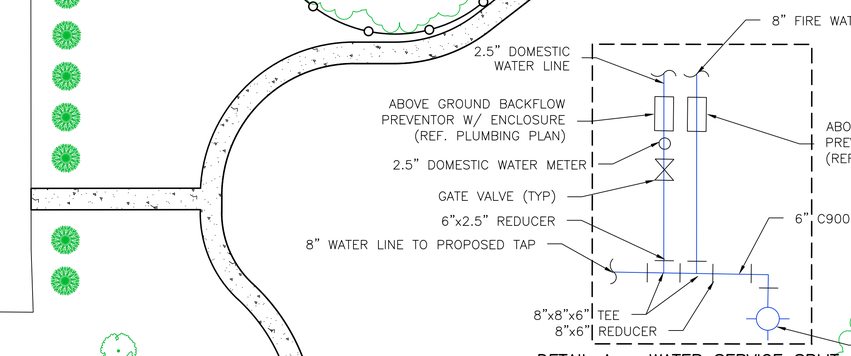
EXISTING 18" CULVERT

EXISTING DITCH

EXISTING DRAIN INLET

EXISTING SSMH

EXISTING ASPHALT
WALKING PATH



DETAIL A – WATER SERVICE SPLIT
NTS

0' 20' 40'
SCALE: 1"=20'

UTILITY NOTES:

1. A MINIMUM HORIZONTAL CLEARANCE OF 6' SHALL BE MAINTAINED BETWEEN ALL WATER AND SEWER LINES, AND A MINIMUM VERTICAL CLEARANCE OF 18" SHALL BE MAINTAINED AT ALL CROSSINGS (SEE WATER LINE OFFSET DETAIL).
2. BEDDING AND BACKFILL OF WATER, SANITARY SEWER, AND STORM SEWER LINES SHALL CONSIST OF SUITABLE IN SITU MATERIALS NEAR OPTIMAL MOISTURE CONTENT COMPACTED IN 8" LOOSE LIFTS TO 95% STANDARD PROCTOR IN ACCORDANCE WITH ASTM D 698.
3. INITIAL BACKFILL (TO 6" ABOVE THE PIPE) IN AREAS OUTSIDE OF PROPOSED PAVING MAY BE COMPACTED TO 90% STANDARD PROCTOR. BEDDING, HAUNCHING, AND FINAL BACKFILL SHALL BE COMPACTED TO 95% STANDARD PROCTOR.
4. BEDDING AND BACKFILL SHALL BE FREE OF DEBRIS, ORGANICS, AND ROCKS LARGER THAN 3" IN DIAMETER.
5. BEDDING AND BACKFILL SHALL BE WORKED BY HAND TO ELIMINATE VOIDS.
6. ALL TRENCH EXCAVATIONS SHALL BE SLOPED, SHORED, SHEETED, BRACED, OR OTHERWISE SUPPORTED IN COMPLIANCE WITH OSHA REGULATIONS AND LOCAL ORDINANCES.
7. IF UNSUITABLE TRENCH FOUNDATION SOILS ARE ENCOUNTERED, THE UNSUITABLE MATERIAL SHOULD BE REMOVED AND REPLACED WITH A MINIMUM OF 6" OF 57 CRUSHED LIMESTONE ON GEOTEXTILE FABRIC.
8. ALL WATER LINE BENDS WHERE FITTINGS ARE USED, BOTH HORIZONTAL AND VERTICAL, SHALL BE BACKED WITH 2500 PSI CONCRETE THRUST BLOCKS. ALL FITTINGS SHALL BE WRAPPED IN VISQUEEN PRIOR TO INSTALLATION OF THRUST BLOCKS, AND CONTRACTOR SHALL NOT COVER BELLS OR FLANGES WITH CONCRETE.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AN ADEQUATE RESTRAINING SYSTEM FOR THE PROPOSED WATER LINE BASED ON 2000 PSI SOIL BEARING PRESSURE AND 150 PSI LINE PRESSURE.
10. ALL WATER LINE AND SEWER LINE MATERIALS AND INSTALLATION PROCEDURES SHALL BE IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS AND REQUIREMENTS.
11. PVC WATER LINES SHALL CONFORM TO ASTM STANDARD D 2241, PRODUCT STANDARD PS-22-70, AND NATIONAL SANITARY STANDARD 14. FITTINGS SHALL BE NSF APPROVED FOR POTABLE WATER GASKETED, PUSH ON FITTINGS.
12. WATER LINES SHALL BE FLUSHED AND DISINFECTED IN ACCORDANCE WITH AWWA AND LDH STANDARDS.
13. PVC SEWER LINES SHALL BE ASTM D3034, 12454-B, ASTM D1784; JOINTS SHALL BE PUSH ON TYPE, ASTM 3212.
11. PE SEWER LINES SHALL BE ASTM F714, ASTM D3035; JOINTS SHALL BE WATER TIGHT AND FUSED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION GUIDE LINES.
12. ALL SEWER AND WATER PRODUCTS AND INSTALLATION PROCEDURES SHALL COMPLY WITH LOUISIANA DEPARTMENT OF HEALTH STANDARDS AND REGULATIONS.

LEGEND:
SEWER LINE
WATER LINE
JACK OR BORE UTILITY LINE

LCR & COMPANY, LLC
318 Belle Grove Blvd
Lafayette, LA 70503
(337) 207-3761

GRADING & DRAINAGE PLAN

CITY OF OPELOUSAS
SOUTH CITY PARK CENTER
ST. LANDRY PARISH, LA

STATE OF LOUISIANA
LANCE C. ROBICHAUX
License No. 44480
PROFESSIONAL ENGINEER

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1/17/2025

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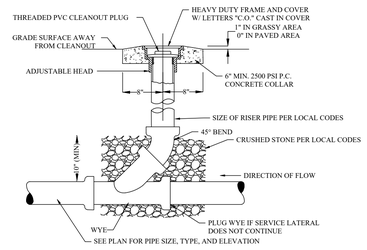
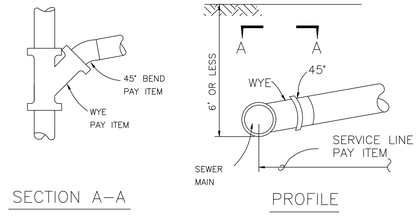
LCR PROJ # 24-128
DATE: 1/17/2025

SHEET C-4

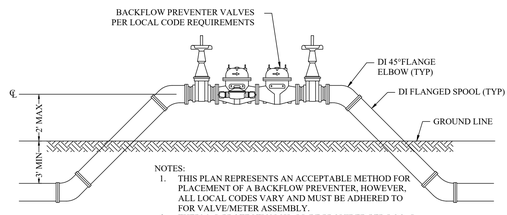


SANITARY SEWER CLEAN-OUT

NTS



SEWER SERVICE CONNECTION (WITHOUT RISER)

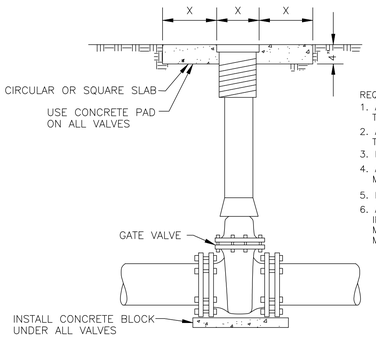


NOTES:

1. THIS PLAN REPRESENTS AN ACCEPTABLE METHOD FOR PLACEMENT OF A BACKFLOW PREVENTER, HOWEVER, ALL LOCAL CODES VARY AND MUST BE ADHERED TO FOR VALVE/METER ASSEMBLY.
2. THERMAL PROTECTION SHALL BE PROVIDED PER LOCAL CODES AND REQUIREMENTS.
3. TAMPER SWITCH PROVIDED PER LOCAL CODES AND REQUIREMENTS.
4. FREEZE PROTECTION SHALL MEET LOCAL AND STATE FIRE CODES.

ABOVE GROUND BACKFLOW PREVENTER

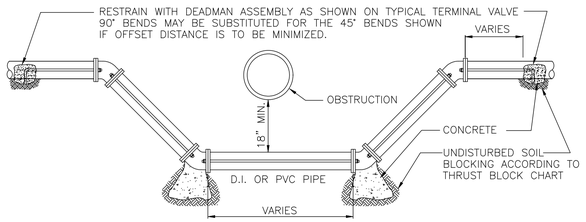
NTS



REQUIREMENTS:

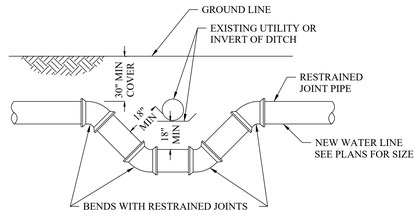
1. ALL FIRE HYDRANTS AND VALVE BOXES SHALL BE INSTALLED TO MATCH THE FINISHED ELEVATION/GRADE.
2. ALL FITTINGS, VALVES AND FIRE HYDRANTS MUST BE SUPPORTED THROUGHOUT BY CONCRETE BLOCKING.
3. BOLTS MUST BE OPERABLE (FREE OF CONCRETE).
4. ALL FITTINGS, VALVES AND FIRE HYDRANTS, PIPE AND SERVICE TUBING MUST CONFORM TO THE CURRENT MUNICIPALITY SPECIFICATIONS
5. RESTRAIN FITTINGS TO CASINGS.
6. ALL INSTALLATIONS STANDARDS/METHODS NOT SPECIFICALLY STATED IN THE CURRENT MUNICIPALITY UTILITIES SYSTEM'S SPECIFICATIONS MUST ADHERE TO THE STANDARD OF JURISDICTION (AWWA, NFPA, MANUFACTURER STANDARDS).

TYPICAL VALVE & BOX INSTALLATION



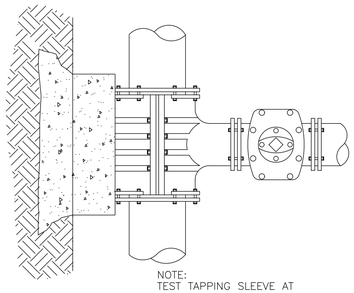
TYPICAL OFFSET – 6" MAIN AND LARGER

NOTE: RESTRAIN 6", & 8" PIPE BY MEANS OF TWO ZINC COATED ALL THREAD RODS. RESTRAIN 10" AND LARGER PIPE BY MEANS OF FOUR ZINC COATED ALL THREAD RODS.



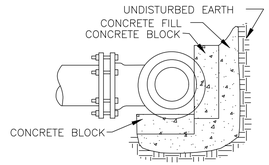
WATER LINE OFFSET DETAIL

NTS



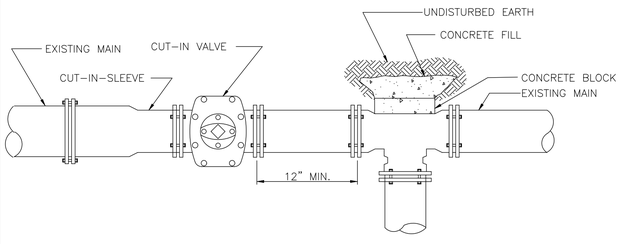
NOTE:
TEST TAPPING SLEEVE AT 150 PSI PRIOR TO TAPPING

TYPICAL TAPPING SLEEVE & VALVE

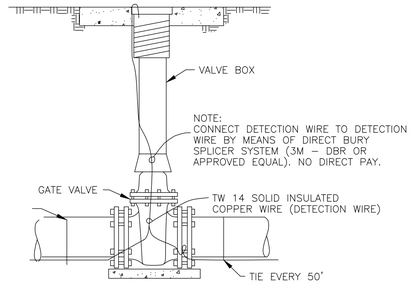


NOTE: CONCRETE FILL (1–2–5) MUST BE POURED IN PLACE. COARSE AGGREGATE IS REQUIRED. FILL MUST BE THOROUGHLY MIXED PRIOR TO BEING POURED.

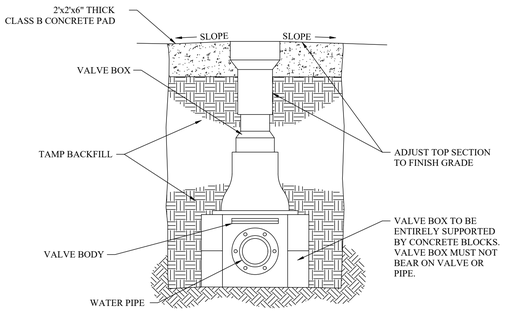
THRUST BLOCKS AT TEES



TYPICAL CUT IN SLEEVE & VALVE AND TEE

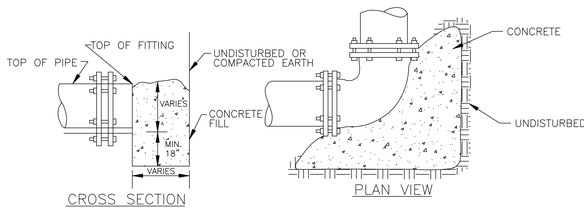


TYPICAL DETECTION WIRE INSTALLATION



GATE VALVE

NTS



CROSS SECTION

PLAN VIEW

THRUST BLOCK BEARING AREA IN SQUARE FEET				
PIPE SIZE	PLUG OR 90° BEND	45° BEND	22–1/2° BEND	TEE
6"	3	2	1.5	3
8"	5	2.5	2	4
10"	7	4	3	5
12"	10	6	5	7
16"	14	8	7	10
18"	18	12	9	14

TYPICAL THRUST BLOCKING FOR ALL BENDS 6" AND LARGER

GENERAL:

NO VALVE SHALL BE OPERATED TO ALLOW WATER TO BE TRANSMITTED FROM A MUNICIPALITY UTILITIES SYSTEM SOURCE WITHOUT THE DIRECT SUPERVISION OF THE GOVERNING MUNICIPALITY. VIOLATORS WILL BE PROSECUTED.

DEAD END MAINS MUST BE RESTRAINED BY MEANS A CONCRETE DEADMAN SYSTEM.

LCR & COMPANY, LLC
318 Belle Grove Blvd
Lafayette, LA 70503
(337) 207–3761

UTILITY NOTES & DETAILS

SOUTH CITY PARK CENTER
CITY OF OPELOUSAS
ST LANDRY PARISH, LA

STATE OF LOUISIANA
LANCE C. ROBICHAUX
License No. 44480
PROFESSIONAL ENGINEER
REGISTERED

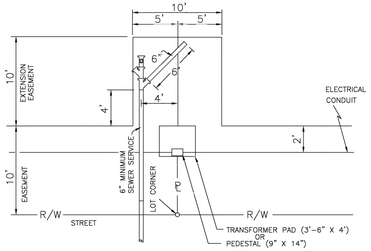
STAMP:
1/17/2025
DATE:
100% CONSTRUCTION DOCUMENTS

NO.	DATE	REVISION DESCRIPTION	BY

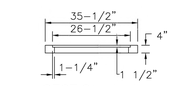
DRAWN BY: T. CORMIER
CHECKED BY: L. ROBICHAUX
ENGINEER: L. ROBICHAUX
FILE: SEE LEFT
LCR PROJ # 24–128
DATE: 1/17/2025

SHEET C–5

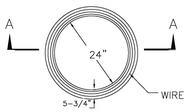
C:\Users\Lance\LCR & Company, LLC Dropbox\LCR & Company, LLC Team Folder\LCR & Company, LLC\3. Engineering\24-128 Opelousas Community Center\DETAIL SHEETS.dwg Lance January 10, 2025 - 4:01pm



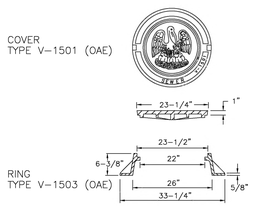
SEWER SERVICE IN UTILITIES EASEMENT



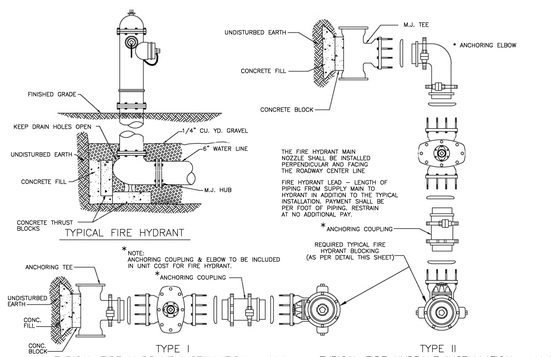
SECTION A–A

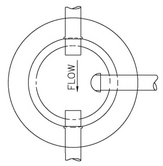


CONCRETE ADJUSTING DONUT

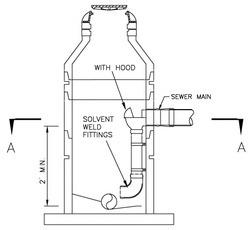


MANHOLE FRAME AND COVER





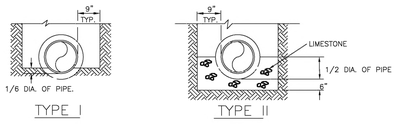
SECTION A–A



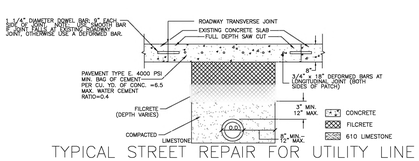
NOTE: DROP TO BE THE SAME SIZE AS THE SEWER MAIN.

TYPICAL MAIN LINE DROP MANHOLE

NOTE: DROP SYSTEM SHALL BE RELINER INSIDE DROP SYSTEM OR APPROVED EQUAL.



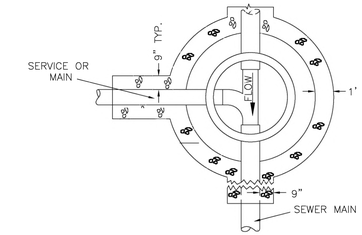
TYPICAL SEWER FOUNDATIONS



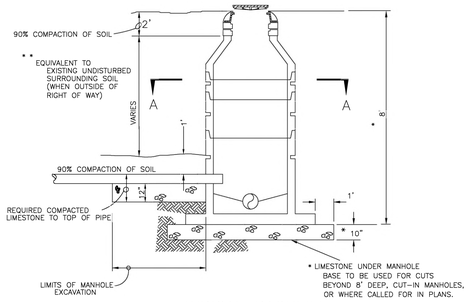
TYPICAL STREET REPAIR FOR UTILITY LINE REHABILITATION FOR CONCRETE STREETS

NOTES:

1) EXISTING CONCRETE MUST BE DRILLED & DOWELED BEFORE NEW CONCRETE IS POURED. DOWEL BARS AT TRANSVERSE JOINTS MUST BE 1 1/4" IN DIAMETER, 18" LONG WITH 9" EPOXYED INTO EXISTING CONCRETE SPACED AT 12" ON CENTER. USE SMOOTH DOWEL BARS AT EXISTING ROADWAY JOINT ONLY, OTHERWISE USE DEFORMED DOWEL BARS. DOWEL BARS AT LONGITUDINAL JOINT MUST BE 3/4" IN DIAMETER DEFORMED BARS, 18" LONG WITH 9" EPOXYED INTO EXISTING CONCRETE. MUST BE 18" ON CENTER ALONG LONGITUDINAL SIDES OF STREET CUT PATCH.
2) CONCRETE TEST CYLINDERS SHALL BE MADE BY THE CONTRACTOR OR TESTING LABORATORY AT CONTRACTOR'S EXPENSE, AND BREAK RESULTS SHALL BE FORWARDED TO THE GOVERNING REVIEW AGENCY'S PUBLIC WORKS DEPARTMENT. TRAFFIC MAY BE PUT ON CONCRETE PATCH WHEN PSI STRENGTH IS REACHED.
3) A BROOM FINISH IS REQUIRED AND CONCRETE CURED BY AN APPROVED METHOD.
4) FILCRETE MIX SHALL MEET THE GOVERNING REVIEW AGENCY'S STANDARDS AND SHALL BE POURED FLUSH WITH EXISTING CONCRETE ROADWAY SURFACE.
5) ALL NEW JOINTS SHALL CONFORM TO THE EXISTING JOINTS.
6) 610 LIMESTONE MUST BE COMPACTED IN 8" LIFTS TO 95% DENSITY FOR EACH LIFT. A VIBRATORY COMPACTOR WILL BE REQUIRED.
7) ALL PAVEMENT STRIPING AND/OR RAISED PAVEMENT REFLECTIONS DESTROYED SHALL BE REPLACED. MATERIAL AND INSTALLATION SHALL MEET THE GOVERNING REVIEW AGENCY'S STANDARD SPECIFICATIONS FOR THESE ITEMS.



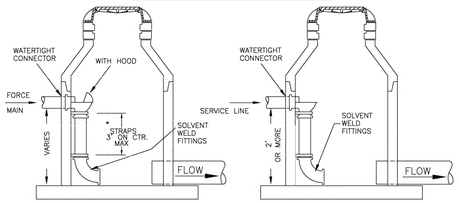
SECTION A–A



TYPICAL BACKFILL FOR SEWER MANHOLE

** NOTE: COMPACTION WITHIN THE RIGHT OF WAY SHALL BE 90% STANDARD PROCTOR DENSITY IN 12" LIFTS. 95% WHEN ON SHOULDER OR EDGE OF ROAD

INSIDE MANHOLE DROPS

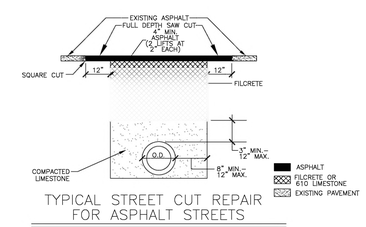


FORCE MAIN TIE–IN

SERVICE INTO MANHOLE

* 1/8" X 1" STAINLESS STEEL STRAP. ANCHOR TO WALLS WITH S.S. BOLTS. S.S. STRAP AND BOLTS ARE TO BE A MINIMUM GRADE

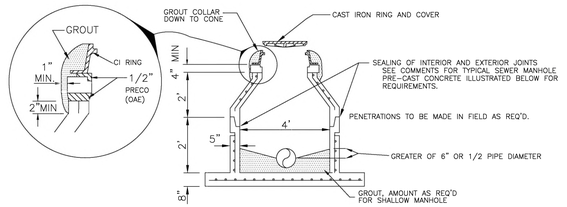
NOTE: 1) DROP SYSTEM SHALL BE RELINER INSIDE DROP SYSTEM OR APPROVED EQUAL.
2) FOR FORCE MAIN TIE–IN, THE INTERIOR SURFACES OF THE RECEIVING MANHOLE SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS.



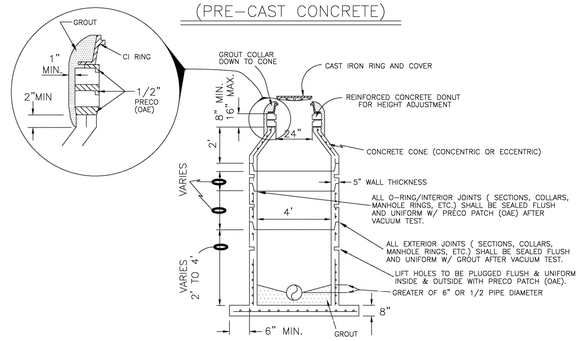
TYPICAL STREET CUT REPAIR FOR ASPHALT STREETS

NOTES:

1) HOT MIX ASPHALT TO BE COMPACTED TO 92% DENSITY MINIMUM. FOR A MINIMUM OF FOUR INCHES (4") THICK. CONSTRUCTED IN TWO (2) – TWO INCH (2") LIFTS.
2) FILCRETE MIX SHALL MEET THE GOVERNING REVIEW AGENCY'S STANDARD.
3) 610 LIMESTONE MUST BE COMPACTED IN 8" LIFTS TO 95% DENSITY FOR EACH LIFT. A VIBRATORY COMPACTOR WILL BE REQUIRED.
4) TACK COAT TO BE APPLIED PRIOR TO ASPHALT LAYING.
5) ALL PAVEMENT STRIPING AND/OR RAISED PAVEMENT REFLECTORS DESTROYED SHALL BE REPLACED. MATERIAL AND INSTALLATIONS SHALL MEET THE GOVERNING REVIEW AGENCY'S STANDARD SPECIFICATIONS FOR THESE ITEMS.



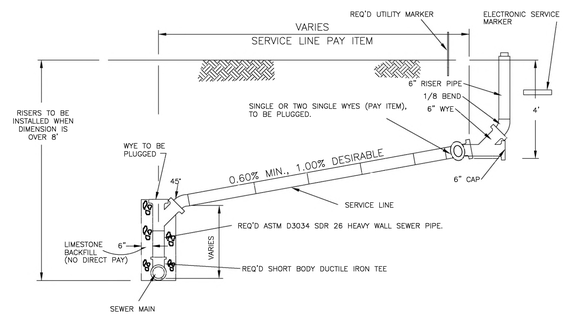
SHALLOW SEWER MANHOLE (PRE-CAST CONCRETE)



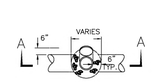
TYPICAL SEWER MANHOLE (PRE-CAST CONCRETE)

NOTES: SHALLOW AND TYPICAL SEWER MANHOLE (PRE-CAST CONCRETE)

1) ALL SECTIONS ARE CUSTOM MADE AND CONFORM TO ASTM SPECIFICATIONS DESIGNATION C-478 OR LATEST REVISION FOR PRECAST CONCRETE MANHOLE, RISERS, AND TOPS.
2) MAINS AND SERVICES SHALL EXTEND 6" INTO MANHOLES.
3) INVERT TURNS SHALL BE LONG RADIUS.
4) OPENINGS FOR SEWER PIPE CAN BE MADE AT ANY LOCATION BELOW CONCRETE DONUT'S.
5) WATERTIGHT CONNECTIONS SHALL BE INSTALLED ON ALL MANHOLE PENETRATIONS.
6) ALL PIPE PENETRATIONS SHALL BE CORED AND REQUIRE PRECO PATCH (OAE) INSIDE AND OUTSIDE.
7) MANHOLES SHALL HAVE A STAINLESS STEEL "RAINSTOPPER" MANHOLE COVER INSERT.

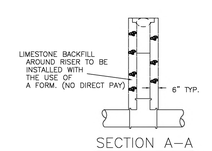


SEWER SERVICE CONNECTION (WITH RISER)



PLAN VIEW

BACKFILL FOR 6" SERVICE RISER



SECTION A–A

LCR & COMPANY, LLC
318 Belle Grove Blvd
Lafayette, LA 70503
(337) 207–3761

UTILITY NOTES & DETAILS

SOUTH CITY PARK CENTER
CITY OF OPELOUSAS
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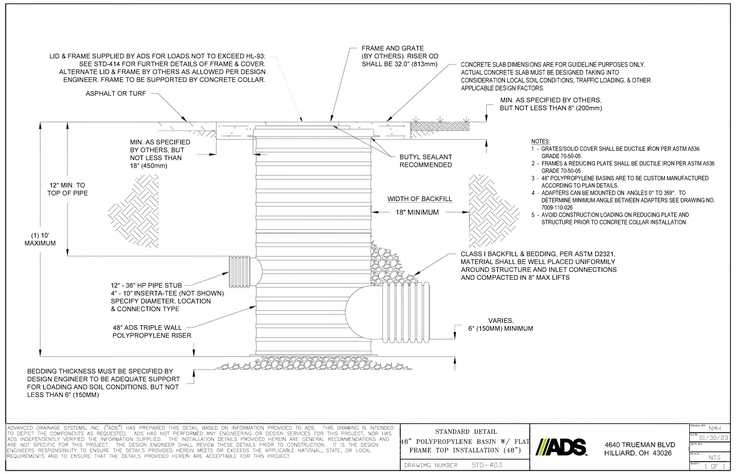
STATE OF LOUISIANA
LANCE C. ROBICHAUX
License No. 44480
PROFESSIONAL ENGINEER
IN CIVIL ENGINEERING

STAMP:
1/17/2025
DATE:
100% CONSTRUCTION DOCUMENTS

NO.	DATE	REVISION DESCRIPTION	BY

DRAWN BY: T. CORMIER
CHECKED BY: L. ROBICHAUX
ENGINEER: L. ROBICHAUX
FILE: SEE LEFT
LCR PROJ # 24–128
DATE: 1/17/2025

SHEET C–6



ADVANCED DRAINAGE SYSTEMS, INC. ("ADS") HAS PREPARED THIS DETAIL BASED ON INFORMATION PROVIDED TO ADS. THIS DRAWING IS INTENDED TO DEPICT THE COMPONENTS AS REQUESTED. ADS HAS NOT PERFORMED ANY ENGINEERING OR DESIGN SERVICES FOR THIS PROJECT, NOR HAS ADS INDEPENDENTLY VERIFIED THE INFORMATION SUPPLIED. THE INSTALLATION DETAILS PROVIDED HEREIN ARE GENERAL RECOMMENDATIONS AND ARE NOT SPECIFIC FOR THIS PROJECT. THE DESIGN ENGINEER SHALL REVIEW THESE DETAILS PRIOR TO CONSTRUCTION. IT IS THE DESIGN ENGINEERS RESPONSIBILITY TO ENSURE THE DETAILS PROVIDED HEREIN MEETS OR EXCEEDS THE APPLICABLE NATIONAL, STATE, OR LOCAL REQUIREMENTS AND TO ENSURE THAT THE DETAILS PROVIDED HEREIN ARE ACCEPTABLE FOR THIS PROJECT.

STANDARD DETAIL
48" POLYPROPYLENE BASIN W/ FLAT FRAME TOP INSTALLATION (48")
DRAWING NUMBER STD-403

ADS 4640 TRUEMAN BLVD HILLIARD, OH 43026

DRAWN BY: MH | 01/30/23 | CHK'D: | SCALE: NTS | SHEET: 1 OF 1

48" Polypropylene Basin Specification

GENERAL

This specification describes the 48" Polypropylene Basin for use in underground storm water applications as indicated on the contract drawings and referenced within the contract specifications. The ductile iron grates for each of these fittings are to be considered an integral part of the surface drainage inlet and shall be furnished by the same manufacturer.

MATERIALS

The 48" Polypropylene Basin bodies shall be made from an impact modified copolymer polypropylene meeting the material requirements of ASTM F2764. The joint tightness shall conform to ASTM D3212 for joints for drain and sewer plastic pipe using flexible elastomeric seals. The flexible elastomeric seals used for the polyethylene cone and pipe connections to the structure shall conform to ASTM F477.

The reducing plate, covers, grates and frames furnished for all 48" Polypropylene Basin surface drainage inlets shall be ductile iron. Ductile iron castings used shall conform to ASTM A536 grade 70-50-05 for ductile iron and shall be painted black.

INSTALLATION

The maximum burial depth of the 48" (1200 mm) HP Polypropylene Basin is 15' (4.6 m) with the use of Class I compacted material as defined in ASTM D234. Excavate Polypropylene Basin location to the depth required and provide a stone base. Stone base shall be a minimum of 6" (150 mm), however a thicker base may be required. A geotechnical engineer shall be contacted to determine adequate bedding specifications. Set Polypropylene Basin in place and level structure. Connect storm pipe into Polypropylene Basin. Re-check Polypropylene Basin depth, level and position. The backfill material shall be crushed stone meeting the requirements of Class I material as defined in ASTM D2321. Bedding and backfill shall be well placed and compacted uniformly in accordance with ASTM D2321. All 48" HP Polypropylene Basins are custom made to order as specified. The maximum depth is 15' (4.6 m). Contact ADS Technical Services for burial depths greater than 15' (4.6 m) or where groundwater will be encountered. The frame and grate/cover must be fully supported by a reinforced concrete collar as designed by others. The concrete collar must extend no less than 18" (450 mm) from the edge of the frame in all directions. The collar must bear on the surrounding stone and soil backfill and not on the structure. For other installation considerations, such as migration of fines, ground water, and soft foundations, refer to ASTM D2321 guidelines.

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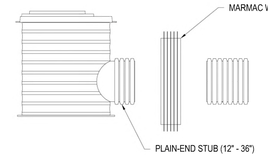
STANDARD DETAIL
48" POLYPROPYLENE BASIN SPECIFICATION
DRAWING NUMBER 7009-110-025 A

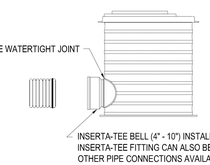
ADS 4640 TRUEMAN BLVD HILLIARD, OH 43026

DRAWN BY: MH | 01/30/23 | CHK'D: | SCALE: NTS | SHEET: 1 OF 1

MARMAC WRAP



INSERTA-TEE



1. REFER TO DETAIL STD-403 FOR MINIMUM DEPTH GUIDLINES AND DETAIL STD-403A FOR DEEPER BURIALS.

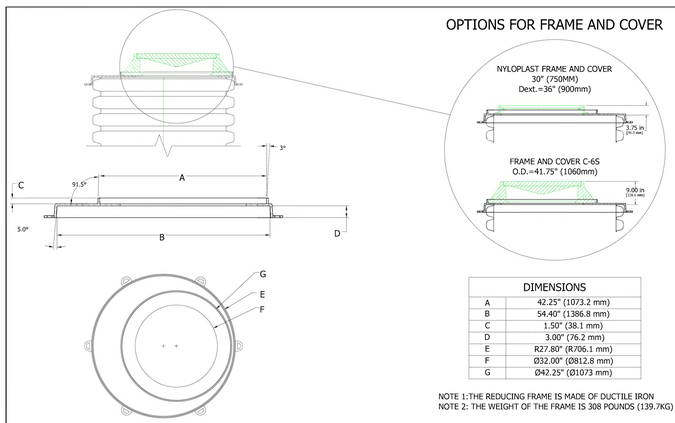
ADVANCED DRAINAGE SYSTEMS, INC. ("ADS") HAS PREPARED THIS DETAIL BASED ON INFORMATION PROVIDED TO ADS. THIS DRAWING IS INTENDED TO DEPICT THE COMPONENTS AS REQUESTED. ADS HAS NOT PERFORMED ANY ENGINEERING OR DESIGN SERVICES FOR THIS PROJECT, NOR HAS ADS INDEPENDENTLY VERIFIED THE INFORMATION SUPPLIED. THE INSTALLATION DETAILS PROVIDED HEREIN ARE GENERAL RECOMMENDATIONS AND ARE NOT SPECIFIC FOR THIS PROJECT. THE DESIGN ENGINEER SHALL REVIEW THESE DETAILS PRIOR TO CONSTRUCTION. IT IS THE DESIGN ENGINEERS RESPONSIBILITY TO ENSURE THE DETAILS PROVIDED HEREIN MEETS OR EXCEEDS THE APPLICABLE NATIONAL, STATE, OR LOCAL REQUIREMENTS AND TO ENSURE THAT THE DETAILS PROVIDED HEREIN ARE ACCEPTABLE FOR THIS PROJECT.

STANDARD DETAIL
48 IN POLYPROPYLENE BASIN CONNECTION OPTIONS
DRAWING NUMBER 7009-110-013 A

ADS 4640 TRUEMAN BLVD HILLIARD, OH 43026

DRAWN BY: MH | 01/30/23 | CHK'D: | SCALE: NTS | SHEET: 1 OF 1

OPTIONS FOR FRAME AND COVER



DIMENSIONS	
A	42.25" (1073.2 mm)
B	54.40" (1386.8 mm)
C	1.50" (38.1 mm)
D	3.00" (76.2 mm)
E	R27.80" (R706.1 mm)
F	Ø32.00" (Ø812.8 mm)
G	Ø42.25" (Ø1073 mm)

NOTE 1:THE REDUCING FRAME IS MADE OF DUCTILE IRON
NOTE 2: THE WEIGHT OF THE FRAME IS 308 POUNDS (139.7KG)

ADVANCED DRAINAGE SYSTEMS, INC. ("ADS") HAS PREPARED THIS DETAIL BASED ON INFORMATION PROVIDED TO ADS. THIS DRAWING IS INTENDED TO DEPICT THE COMPONENTS AS REQUESTED. ADS HAS NOT PERFORMED ANY ENGINEERING OR DESIGN SERVICES FOR THIS PROJECT, NOR HAS ADS INDEPENDENTLY VERIFIED THE INFORMATION SUPPLIED. THE INSTALLATION DETAILS PROVIDED HEREIN ARE GENERAL RECOMMENDATIONS AND ARE NOT SPECIFIC FOR THIS PROJECT. THE DESIGN ENGINEER SHALL REVIEW THESE DETAILS PRIOR TO CONSTRUCTION. IT IS THE DESIGN ENGINEERS RESPONSIBILITY TO ENSURE THE DETAILS PROVIDED HEREIN MEETS OR EXCEEDS THE APPLICABLE NATIONAL, STATE, OR LOCAL REQUIREMENTS AND TO ENSURE THAT THE DETAILS PROVIDED HEREIN ARE ACCEPTABLE FOR THIS PROJECT.

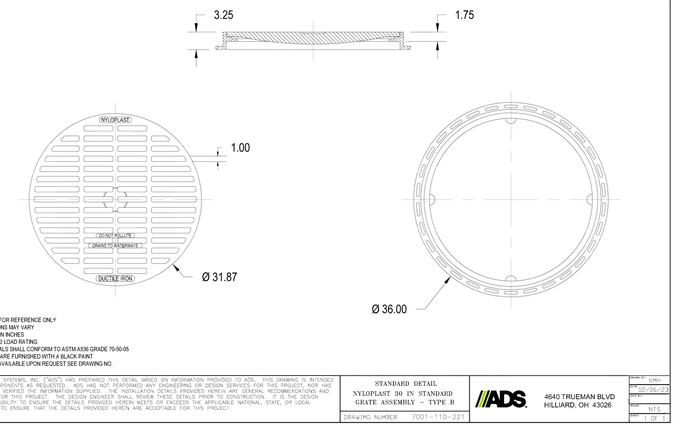
STANDARD DETAIL
FRAME & COVER FOR 48" POLYPROPYLENE BASIN
DRAWING NUMBER STD-414

ADS 4640 TRUEMAN BLVD HILLIARD, OH 43026

DRAWN BY: MH | 9/23/04 | CHK'D: CKM | SCALE: NTS | SHEET: 1 OF 1

3099CGS

APPROX. DRAIN AREA = 324.00 SQ.IN
APPROX. WEIGHT WITH FRAME = 237.00 LBS



DIMENSIONS ARE FOR REFERENCE ONLY
ACTUAL DIMENSIONS MAY VARY
DIMENSIONS ARE IN INCHES
GRATE MEETS H-20 LOAD RATING
QUALITY: MATERIALS SHALL CONFORM TO ASTM A536 GRADE 70-50-05
PAINT: CASTINGS ARE FURNISHED WITH A BLACK PAINT
LOOKING DEVICE AVAILABLE UPON REQUEST SEE DRAWING NO. 7001-110-022

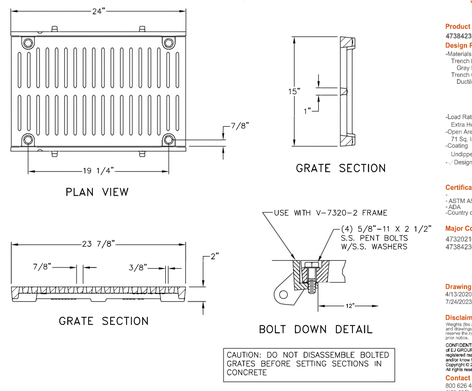
ADVANCED DRAINAGE SYSTEMS, INC. ("ADS") HAS PREPARED THIS DETAIL BASED ON INFORMATION PROVIDED TO ADS. THIS DRAWING IS INTENDED TO DEPICT THE COMPONENTS AS REQUESTED. ADS HAS NOT PERFORMED ANY ENGINEERING OR DESIGN SERVICES FOR THIS PROJECT, NOR HAS ADS INDEPENDENTLY VERIFIED THE INFORMATION SUPPLIED. THE INSTALLATION DETAILS PROVIDED HEREIN ARE GENERAL RECOMMENDATIONS AND ARE NOT SPECIFIC FOR THIS PROJECT. THE DESIGN ENGINEER SHALL REVIEW THESE DETAILS PRIOR TO CONSTRUCTION. IT IS THE DESIGN ENGINEERS RESPONSIBILITY TO ENSURE THE DETAILS PROVIDED HEREIN MEETS OR EXCEEDS THE APPLICABLE NATIONAL, STATE, OR LOCAL REQUIREMENTS AND TO ENSURE THAT THE DETAILS PROVIDED HEREIN ARE ACCEPTABLE FOR THIS PROJECT.

STANDARD DETAIL
NYLOPLAST 30 IN STANDARD GRATE ASSEMBLY - TYPE B
DRAWING NUMBER 7001-110-221

ADS 4640 TRUEMAN BLVD HILLIARD, OH 43026

DRAWN BY: LMH | 02/06/23 | CHK'D: | SCALE: NTS | SHEET: 1 OF 1

V7320-2 V7384-20 Assembly



CAUTION: DO NOT DISASSEMBLE BOLTED GRATES BEFORE SETTING SECTIONS IN CONCRETE

Product Number
47384230B01
Design Features
-Materials
Trench Rail
Gray Iron (CL35B)
Trench Grate
Ductile Iron (70-50-05)

-Load Rating
Extra Heavy Duty
-Open Area
71 Sq. Inches
-Coating
Undipped
- - Designates Machined Surface

Certification
- ASTM A536
- ADA
- Country of Origin:USA

Major Components
47320210
47384230

Drawing Revision
4/13/2020 Designer: MAH
7/24/2023 Revised By: MAH

Disclaimer
Weights (lbs./kg) dimensions (inches/mm) and drawings provided for your guidance. We reserve the right to modify specifications without prior notice.

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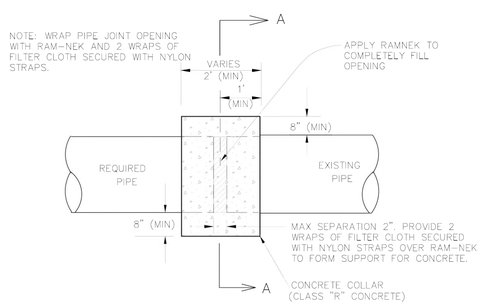
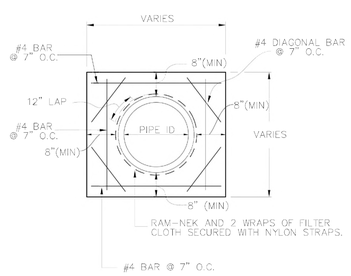
Contact
800 626 4653
ejco.com

TRENCH DRAIN NOTES:
1. TRENCH DRAINS SHALL BE EAST JORDAN IRONWORKS V7320-2 V7384-20 ASSEMBLIES, OR PRE-APPROVED EQUAL.
2. TRENCH DRAINS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION GUIDELINES.
3. CONTRACTOR SHALL SUBMIT AN INSTALLATION PLAN AND PRODUCT SUBMITTAL PACKAGE TO THE ENGINEER PRIOR TO INSTALLATION.
4. ALL TRENCH DRAINS SHALL COMPLY WITH ADA REGULATIONS AND SHALL BE A MINIMUM OF H-20 LOAD RATED.

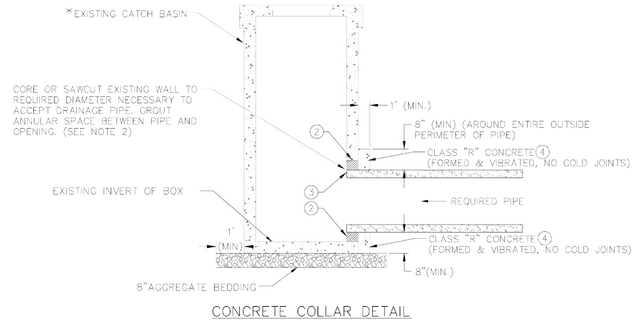
CONCRETE COLLAR/CONNECTION TO EXISTING CATCH BASIN NOTES:
1. DETAILS AND NOTES SHOWN FOR CONCRETE COLLARS CAN BE REFERENCED TO LCG CC-01 "CONCRETE COLLAR DETAIL" TO CONNECT DISSIMILAR PIPE TYPES AND/OR JOINTS, AND CONNECTION TO AN EXISTING CONCRETE CATCH BASIN.
2. PAYMENT OF CONCRETE COLLARS TO BE INCLUDED IN "TIE INTO EXISTING CATCH BASIN."
3. PIPE TO BE GROUTED IN PRIOR TO INSTALLATION OF CONCRETE COLLAR AND NON-SHRINK GOUT LISTED ON THE LOUISIANA DOTD AML.
4. ALL PIPES TO BE CUT FLUSH WITH INSIDE OF THE DRAINAGE STRUCTURE ±½".
5. THE COLLAR MUST BE FORMED AND VIBRATED.



CONCRETE COLLAR DETAIL
PIPE TO PIPE
N.T.S.



SECTION A-A



CONCRETE COLLAR DETAIL
PIPE TO EXISTING CONCRETE CATCH BASIN
N.T.S.
NOTE: CONCRETE COLLAR TO BE REINFORCED AS SHOWN IN SECTION A-A.

V7384-20 12" Wide Penta Head Bolted ADA Style Trench Drain Assembly, Heavy Duty

Product: 47384230B01

Classic Series:	V7384-20
Product Type:	Trench Drain Assembly
Badging Classification:	Blank
Shape:	Rectangle
Grate Style:	ADA Style, Bicycle Friendly, Flat
Frame Style:	Angle
Trench Grate Length:	23.875 in
Trench Grate Width:	15 in
Trench Grate Thickness:	2 in
Trench Grate Frame Length:	24 in
Trench Width:	12 in
Slot Width:	0.375 in
Bolt Quantity:	4
Bolt Size or Diameter:	0.625 in
Load Rating:	Heavy Duty
Material Type:	Gray Iron, Ductile Iron
Material Specification:	ASTM A48 Class 35, ASTM A536 70-50-05
Standards:	AASHTO M105, AASHTO M306, ADA
Fastener Material:	Stainless Steel
Lock Type:	APT Bolting, Penta Head Bolting, ZPT Bolting
Coating:	Undipped

STORM DRAIN PIPE NOTES:
1. HP STORM PIPE (12"-60") FOR USE IN GRAVITY-FLOW STORM DRAINAGE APPLICATIONS:
   1.1. SHALL HAVE A SMOOTH INTERIOR AND ANNULAR EXTERIOR CORRUGATIONS. THE PIPE SHALL MEET ASTM F2881.
   1.2. PIPE SHALL BE JOINED USING A BELL & SPIGOT JOINT MEETING THE REQUIREMENTS OF ASTM F2881. THE JOINT SHALL BE WATERTIGHT ACCORDING TO THE REQUIREMENTS OF ASTM D3212. GASKETS SHALL MEET THE REQUIREMENTS OF ASTM F477. GASKET SHALL BE INSTALLED BY THE PIPE MANUFACTURER AND COVERED WITH A REMOVABLE, PROTECTIVE WRAP TO ENSURE THE GASKET IS FREE OF DEBRIS. A JOINT LUBRICANT AVAILABLE FROM THE MANUFACTURER SHALL BE USED ON THE GASKET AND BELL DURING ASSEMBLY. HP STORM DRAIN PIPE SHALL HAVE AN EXTERIOR BELL WRAP INSTALLED BY THE MANUFACTURER.
   1.3. FITTINGS: ALL FITTINGS SHALL CONFORM TO ASTM F2881. BELL AND SPIGOT CONNECTIONS SHALL UTILIZE A WELDED OR INTEGRAL BELL AND VALLEY OR INLINE GASKETS MEETING THE WATERTIGHT JOINT PERFORMANCE REQUIREMENTS OF ASTM D3212.
   1.4. MATERIAL PROPERTIES: POLYPROPYLENE COMPOUND FOR PIPE AND FITTING PRODUCTION SHALL BE IMPACT MODIFIED COPOLYMER MEETING THE MATERIAL REQUIREMENTS OF ASTM F2881, SECTION 5 AND AASHTO M330, SECTION 6.1.
2. CLASS III RCP OR PRE-APPROVED EQUAL MAY BE USED AS AN ALTERNATE TO HP STORM DRAIN PIPE. ALL RCP SHALL MEET THE MATERIAL AND INSTALLATION REQUIREMENTS SET FORTH IN THE MOST RECENT LOUISIANA DOTD STANDARDS AND SPECIFICATIONS.

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LCR & COMPANY, LLC
318 Belle Grove Blvd
Lafayette, LA 70503
(337) 207-3761

STORM DRAINAGE NOTES & DETAILS

CITY OF OPELOUSAS
SOUTH CITY PARK CENTER
ST. LANDRY PARISH, LA

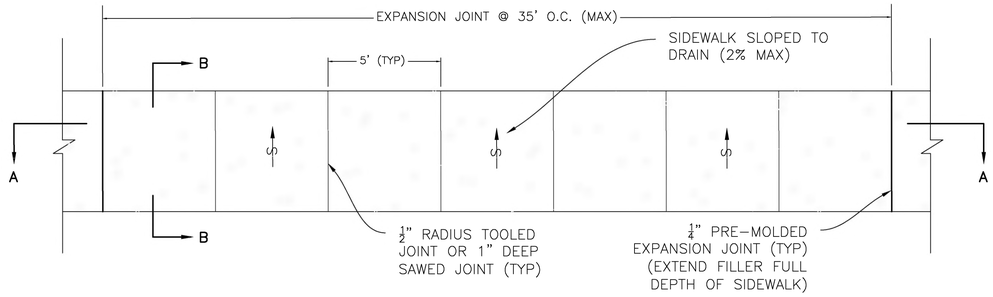
STATE OF LOUISIANA
LANCE C. ROBICHAUX
License No. 44480
PROFESSIONAL ENGINEER

STAMP:
1/17/2025
DATE:
100% CONSTRUCTION DOCUMENTS

NO.	DATE	REVISION DESCRIPTION	BY

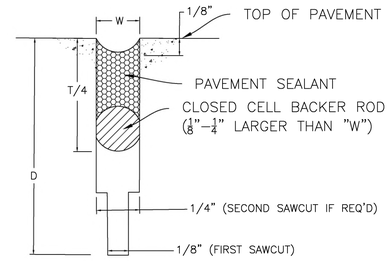
DRAWN BY: T. CORMIER
CHECKED BY: L. ROBICHAUX
ENGINEER: L. ROBICHAUX
FILE: SEE LEFT
LCR PROJ # 24-128
DATE: 1/17/2025

SHEET C-7



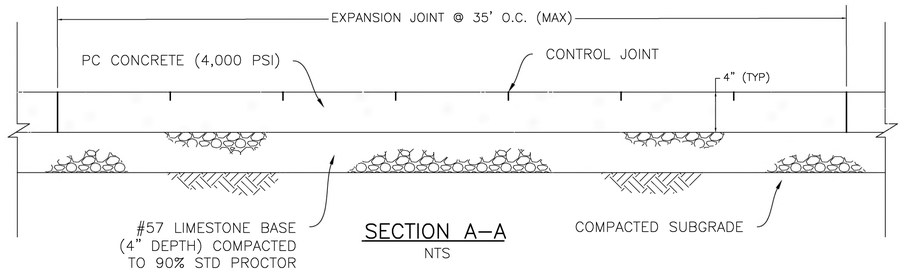
TYPICAL CONCRETE SIDEWALK – PLAN VIEW

NTS



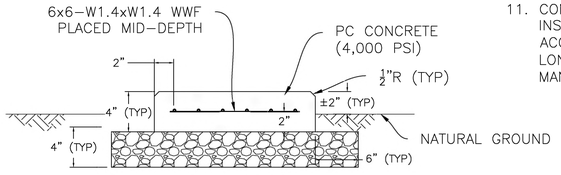
JOINT DETAIL

NTS



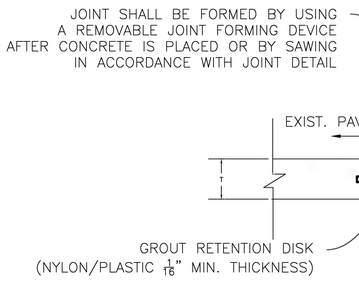
SECTION A–A

NTS



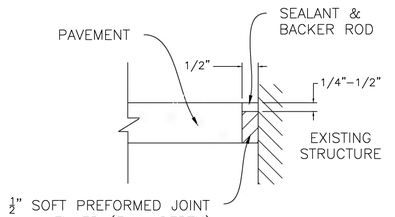
SECTION B–B

NTS



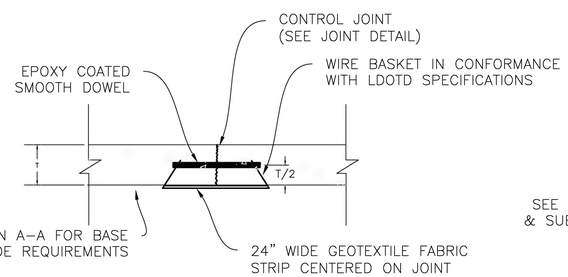
BUTT JOINT DETAIL

NTS



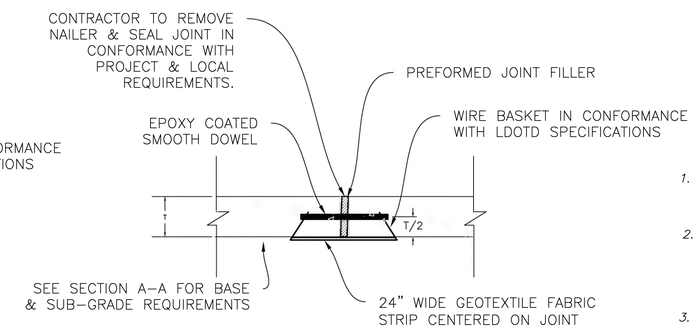
ISOLATION JOINT DETAIL

NTS



CONTROL JOINT DETAIL

NTS



EXPANSION JOINT DETAIL

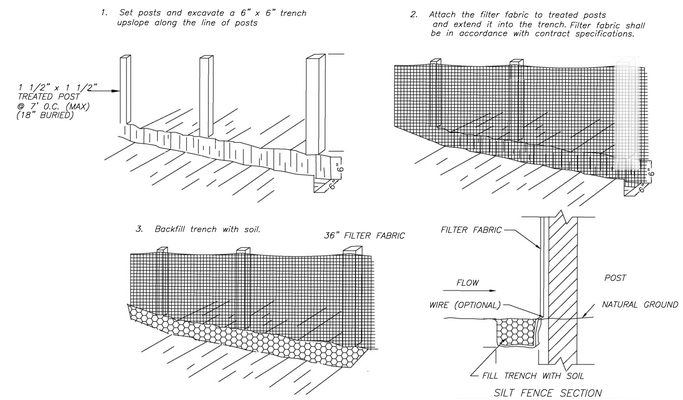
NTS

CONCRETE PAVING NOTES:

1. ALL SIDEWALKS ADJACENT TO EXISTING OR PROPOSED BUILDINGS AND/OR PAVEMENT SHALL BE DOWELED TO THE EXISTING BUILDING SLAB OR PAVEMENT IN ACCORDANCE WITH THE PROVIDED DETAILS AND TABLE 1 ON THIS SHEET.
2. PROVIDE 1/2" EXPANSION JOINT BETWEEN SIDEWALKS AND ALL FIXED OBJECTS.
3. ALL SIDEWALK JOINTS AND JOINTS ADJACENT TO THE BUILDING SHALL BE SEALED WITH A URETHANE SELF LEVELING SEALANT, SONNEBORNE, SLI (COLOR GRAY).
4. THE MAXIMUM RUNNING SLOPE SHALL NOT EXCEED 5% AND THE CROSS SLOPE SHALL NOT EXCEED 2% ON ALL SIDEWALKS UNLESS OTHERWISE NOTED.
5. JOINTS SHALL BE SAWCUT AS SOON AS THE CONCRETE HAS SUFFICIENT STRENGTH TO SUPPORT THE SAWING EQUIPMENT AND TEARING OF CONCRETE DOES NOT OCCUR.
6. GEOTEXTILE FABRIC SHALL BE MADE OF NON–WOVEN POLYPROPYLENE FIBERS RESISTANT TO CHEMICAL CORROSION, MILDEW, AND ROT. THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH A GEOTEXTILE SUBMITTAL FOR APPROVAL PRIOR TO CONSTRUCTION.
7. DOWELS SHALL NOT BE PLACED CLOSER THAN 12" TO A JOINT INTERSECTION.
8. CONSTRUCT ALL JOINTS STRAIGHT WITH FACE PERPENDICULAR TO CONCRETE SURFACE.
9. VERTICAL SURFACE DISCONTINUITIES ALONG SIDEWALK SHALL BE 1/2" MAXIMUM. DISCONTINUITIES BETWEEN 1/4" AND 1/2" SHALL BE BEVELED AT A 1:3 MAXIMUM SLOPE.
10. PLACE CONSTRUCTION JOINTS AT END OF PLACEMENTS AND AT LOCATIONS WHERE PLACEMENT OPERATIONS ARE STOPPED FOR A PERIOD OF TIME GREATER THAN 1/2 HOUR, EXCEPT WHERE SUCH PLACEMENTS TERMINATE AT EXPANSION JOINTS.
11. CONCRETE JOINTS: ENSURE JOINTS ARE CLEAN AND DRY PRIOR TO THE APPLICATION OF JOINT SEALANT; INSTALL CLOSED CELL BACKER ROD AT A CONSISTENT DEPTH AFTER JOINTS HAVE BEEN CLEANED & DRIED IN ACCORDANCE WITH SEALANT MANUFACTURER'S REQUIREMENTS. JOINT SEALANT APPLICATION SHALL WAIT AS LONG AS FEASIBLE TO ALLOW SHRINKAGE TO OCCUR AND SHALL BE IN STRICT COMPLIANCE WITH SEALANT MANUFACTURER'S REQUIREMENTS.

TABLE 1

PAVEMENT THICKNESS	SMOOTH DOWEL BARS			MIN. JOINT DEPTH
"T" (IN)	SIZE/DIAMETER (IN)	LENGTH (IN)	SPACING (IN)	"D" (IN)
4–5"	1/2"	12"	18"	1 1/2"
6"	3/4"	14"	12"	1 3/4"
7"	1"	16"	12"	2"
8"	1 1/4"	18"	12"	3"
9"	1 1/4"	18"	12"	3"
10"	1 1/4"	18"	12"	1 1/2"



EROSION CONTROL NOTES

1. PRIOR TO ANY OTHER CONSTRUCTION, A STABILIZED CONSTRUCTION EXIT SHALL BE CONSTRUCTED AT EACH POINT OF ENTRY TO OR EXIT FROM THE SITE.
2. IMMEDIATELY AFTER THE ESTABLISHMENT OF CONSTRUCTION ENTRANCES, ALL PERIMETER EROSION CONTROL DEVICES AND STORM WATER MANAGEMENT DEVICES SUCH AS PONDS, HAY BALES, ETC. SHALL BE INSTALLED PRIOR TO ANY OTHER CONSTRUCTION AND MAINTAINED UNTIL PERMANENT GROUND COVER IS ESTABLISHED.
3. ADDITIONAL EROSION CONTROL DEVICES SHALL BE INSTALLED IMMEDIATELY AFTER GROUND DISTURBANCE OCCURS. THE LOCATION OF SOME OF THE EROSION CONTROL DEVICES MAY HAVE TO BE ALTERED FROM THAT SHOWN ON THE PLANS IF DRAINAGE PATTERNS DURING CONSTRUCTION ARE DIFFERENT FROM THE FINAL PROPOSED DRAINAGE PATTERNS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ACCOMPLISH EROSION CONTROL FOR ALL DRAINAGE PATTERNS CREATED AT VARIOUS STAGES DURING CONSTRUCTION. ANY DIFFICULTY IN CONTROLLING EROSION DURING ANY PHASE OF CONSTRUCTION SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.
4. THE LOCATIONS OF EROSION CONTROL DEVICES SHALL BE ADJUSTED AS CONSTRUCTION PROGRESSES TO MAINTAIN A FUNCTIONING EROSION CONTROL SYSTEM.
5. ANY FAILURE OF ANY EROSION CONTROL DEVICE TO FUNCTION AS INTENDED FOR ANY REASON SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.
6. EROSION CONTROL DEVICES SHALL BE INSPECTED AT LEAST WEEKLY. AND AFTER EACH RAIN AND REPAIRED BY GENERAL CONTRACTOR
7. EROSION CONTROL DEVICES SHALL BE CLEANED WHEN SILT EXCEEDS 12" IN DEPTH
8. EROSION CONTROL DEVICES SHALL BE REPAIRED AS NECESSARY TO MAINTAIN A FUNCTIONING EROSION CONTROL SYSTEM.
9. EROSION CONTROL DEVICES SHALL BE MAINTAINED UNTIL PERMANENT COVER IS ESTABLISHED AND THEN REMOVED SO THAT DRAINAGE OF WHEN DIRECTED BY THE OWNERS, ARCHITECT AND CIVIL ENGINEER.
10. STORM WATER DETENTION PONDS SHALL BE CLEANED AS SPECIFIED IN 7 ABOVE AND AFTER PERMANENT GROUND COVER HAS BEEN ESTABLISHED.
11. ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 21 DAYS SHALL BE STABILIZED WITH TEMPORARY SEEDING.
12. ALL DISTURBED AREAS WITH SLOPES 2:1 OR FLATTER WHICH ARE NOT STABILIZED BY OTHER MEASURES SHALL BE SEEDED.
13. ADDITIONAL EROSION CONTROL MEASURES WILL BE INSTALLED IF DEEMED NECESSARY BY ON–SITE INSPECTION.
14. CONTRACTOR SHALL REMOVE ALL DIRT AND TRASH FOR NEW AND EXISTING PIPES WHICH MAY BE DISPOSED DURING CONSTRUCTION.

LCR & COMPANY, LLC
318 Belle Grove Blvd
Lafayette, LA 70503
(337) 207–3761

SIDEWALK & EROSION CONTROL NOTES & DETAILS

CITY OF OPELOUSAS
SOUTH CITY PARK CENTER
ST. LANDRY PARISH, LA

STATE OF LOUISIANA
LANCE C. ROBICHAUX
License No. 44480
PROFESSIONAL ENGINEER

STAMP:
1/17/2025
DATE:
100% CONSTRUCTION DOCUMENTS

NO.	DATE	REVISION DESCRIPTION	BY

DRAWN BY: T. CORMIER
CHECKED BY: L. ROBICHAUX
ENGINEER: L. ROBICHAUX
FILE: SEE LEFT
LCR PROJ # 24–128
DATE: 1/17/2025

SHEET C–8

STRUCTURAL SHEET INDEX:

S0.01 GENERAL NOTES & INDEX
S1.01 FOUNDATION PLAN
S2.01 FOUNDATION DETAILS
S3.01 FRAMING PLAN

ABBREVIATIONS:

A.F.F.	ABOVE FINISHED FLOOR	LONGIT.	LONGITUDINAL
ALT.	ALTERNATE	M	BENDING MOMENT FOOT KIPS
ALT. SP.	ALTERNATE SPACING	MAX.	MAXIMUM
ALUM.	ALUMINUM	MFG.	MANUFACTURER
APPROX.	APPROXIMATE	MIN.	MINIMUM
B.F.F.	BELOW FINISHED FLOOR	N.T.S.	NOT TO SCALE
BL	BOTTOM LAYER	O.C.	ON CENTER
BLDG.	BUILDING	O.D.	OUTSIDE DIAMETER
BOT.	BOTTOM	OPT.	OPTIONAL
BTWN.	BETWEEN	PL. (℄)	PLATE
C	CENTER	P.P.C.	PRECAST PRESTRESSED CONCRETE
CIP	CAST IN PLACE	PSF	POUNDS PER SQUARE FOOT
CJ	CONSTRUCTION JOINT	PSI	POUNDS PER SQUARE INCH
CL (CLR)	CLEAR COVER	REINF.	REINFORCEMENT
C/L (℄)	CENTER LINE	RE: (REF.)	REFERENCE
CONC.	CONCRETE	REQ'D	REQUIRED
CONSTR.	CONSTRUCTION	SPC'S	SPACES
CONT.	CONTINUOUS	SQ.	SQUARE
CTRS.	CENTERS	S.S.	STAINLESS STEEL
DIA. (Ø)	DIAMETER	STD. HK.	STANDARD HOOK
E.J.	EXPANSION JOINT	T.O.S.	TOP OF STEEL
EL. (ELEV.)	ELEVATION	THK.	THICKNESS
EQ	EQUAL	TRANSV.	TRANSVERSE
ES	EQUALLY SPACED	TYP.	TYPICAL
EXIST.	EXISTING	U.N.O.	UNLESS NOTED OTHERWISE
F.F.	FINISHED FLOOR	V	SHEAR IN KIPS
FLNG	FLANGE	W.P.	WORK POINT
GR.	MATERIAL GRADE	WWF	WELDED WIRE FABRIC
H.S.	HIGH STRENGTH	1V TO 3H	1 VERTICAL TO 3 HORIZONTAL
I.D.	INSIDE DIAMETER		

STRUCTURAL NOTES:

DESIGN CRITERIA:

DESIGN CODES:

INTERNATIONAL BUILDING CODE (IBC), 2021 EDITION, PUBLISHED BY THE INTERNATIONAL CODE COUNCIL (ICC). ALL REFERENCED CODES AND SPECIFICATION NOTED SHALL BE THE LATEST APPROVED EDITIONS AND REVISIONS BY THE GOVERNMENTAL AGENCY HAVING JURISDICTION OVER THIS PROJECT (UNLESS OTHERWISE NOTED.)

DESIGN LOADS:

DEAD LOADS
- i. ROOF DEAD LOAD — 10 PSF

LIVE LOADS
- i. FLOOR LIVE LOAD — 100 PSF
- ii. ROOF LIVE LOAD — 20 PSF

WIND LOADS
- i. ULTIMATE DESIGN WIND SPEED — 131 MPH (3-SECOND GUST)
- ii. NOMINAL DESIGN WIND SPEED — 102 MPH (3-SECOND GUST)
- iii. RISK CATEGORY — III
- iv. EXPOSURE CATEGORY — EXPOSURE B
- v. MEAN ROOF HEIGHT — 25 FT
- vi. GCP_i — +/- 0.18

SEISMIC LOADS
- i. IMPORTANCE FACTOR — 1.25
- ii. S_{DS} — 13.6%
- iii. S_{D1} — 15.5%
- iv. SITE CLASS — E
- v. S_S — 0.085
- vi. S_1 — 0.056
- vii. SEISMIC DESIGN CATEGORY — C

SNOW LOADS
- i. P_g = 0 PSF

GENERAL:

1. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL EXISTING DIMENSIONS IN THE FIELD BEFORE CONSTRUCTION BEGINS.
2. ALL DIMENSIONS, DISCREPANCIES, OR CONFLICTS BETWEEN CONSTRUCTION DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH ANY WORK INVOLVED. THE CONTRACTOR SHALL VERIFY ALL MECHANICAL, PLUMBING, AND MISCELLANEOUS OPENINGS AND ALL SLEEVES, BOLTS, AND OTHER RELATED ITEMS. NOTIFY THE ENGINEER WHEN DRAWINGS BY OTHERS SHOW OPENINGS, POCKETS, ETC. NOT SHOWN ON THE STRUCTURAL DRAWINGS, BUT ARE LOCATED IN OR ON THE STRUCTURAL MEMBERS.
3. THESE PLANS ARE NOT INTENDED TO CONVEY ANY PARTICULAR CONSTRUCTION SEQUENCE OR PROCEDURE AND REPRESENT THE FINISHED STRUCTURE. THE RESPECTIVE BIDDER AND/OR CONTRACTOR SHALL BE RESPONSIBLE FOR TAKING ADEQUATE MEANS AND MEASURES TO ENSURE THE STABILITY OF THE BUILDING AND ITS COMPONENTS DURING CONSTRUCTION. THESE SHALL INCLUDE, BUT ARE NOT LIMITED TO: NECESSARY SHORING, SHEETING, TEMPORARY BRACING, DEWATERING, ETC. CONSTRUCTION MATERIALS SHALL BE SPREAD OUT WHEN PLACED ON FRAMED FLOORS OR ROOFS. THE CONSTRUCTION MATERIAL LOAD SHALL NOT EXCEED THE DESIGN LIVE LOADS. PROVIDE ADEQUATE SHORING AND/OR BRACING WHERE THE STRUCTURE HAS NOT ATTAINED DESIGN STRENGTH.
4. OBSERVATIONS, VISITS, OR VERBAL COMMUNICATION DURING CONSTRUCTION BY A REPRESENTATIVE OF THE STRUCTURAL ENGINEER SHALL NEITHER BE CONSTRUED AS AN INSPECTION NOR APPROVAL OF CONSTRUCTION UNLESS STATED SO IN WRITING BY THE ENGINEER. OBSERVATION VISITS DO NOT INCLUDE INSPECTION OF CONSTRUCTION MEANS AND METHODS AND ARE NOT CONTINUOUS AND DETAILED INSPECTION SERVICES WHICH ARE TO BE PERFORMED BY OTHERS. OBSERVATIONS ARE PERFORMED SOLELY FOR THE PURPOSE OF DETERMINING IF THE CONTRACTOR UNDERSTANDS DESIGN INTENT SHOWN IN CONTRACT DRAWINGS.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SAFETY AND PROTECTION IN AND AROUND THE JOB SITE AND/OR ADJACENT PROPERTY.

FOUNDATIONS:

1. SEE GEOTECHNICAL/SUBSURFACE INVESTIGATIVE REPORT BY LOUISIANA TESTING & INSPECTION, FILE NO. 4566-BO DATED OCTOBER 5, 2024 FOR INFORMATION REGARDING SITE PREPARATION, ALLOWABLE BEARING CAPACITY, AND OTHER GEOTECHNICAL CRITERIA. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE WHETHER OR NOT ADDITIONAL GEOTECHNICAL INFORMATION IS REQUIRED AND TO PROVIDE SUCH INFORMATION AS HE/SHE DEEMS NECESSARY.
2. DESIGN BEARING PRESSURE: 1200 PSF (STRIP FOOTINGS)
   1200 PSF (SPREAD FOOTINGS)
3. ALL FILL SHALL BE AS DESCRIBED IN THE GEOTECHNICAL REPORT.

FOUNDATION PREPARATION AND EARTHWORK:

1. THE CONTRACTOR SHALL PROVIDE FOR PROPER DEWATERING OF EXCAVATIONS FROM SURFACE WATER, GROUND WATER, SEEPAGE, ETC.
2. ALL ABANDONED UTILITIES, FOOTINGS, ETC., THAT INTERFERE WITH THE NEW CONSTRUCTION SHALL BE REMOVED. NOTIFY THE STRUCTURAL ENGINEER SHOULD ANY FOUNDATIONS FOR EXISTING STRUCTURES BE ENCOUNTERED THAT ARE NOT SHOWN ON THE STRUCTURAL DRAWINGS.
3. FOOTINGS, GRADE BEAMS, SLABS, AND THICKENED SLAB SECTIONS SHALL BE PLACED TO THE DIMENSIONS SHOWN ON THE DRAWINGS AND OBSERVED FOR QUALITY ASSURANCE PRIOR TO PLACING CONCRETE AND REINFORCING. SHOULD SOIL ENCOUNTERED NOT BE APPROVED, DESIGNS, EXCAVATIONS, AND SITE WORK WILL BE ALTERED BY CHANGE ORDER. THE INSPECTION OF FOUNDATION FOOTINGS AND REINFORCEMENT AND THE PLACEMENT OF CONCRETE SHALL PROCEED IMMEDIATELY FOLLOWING APPROVAL. IF FOOTING EXCAVATIONS ARE TO REMAIN OPEN FOR MORE THAN ONE DAY, THE CONTRACTOR SHALL TAKE MEASURES TO REDUCE MOISTURE ENTRY OR EVAPORATION.
4. ALL EXCAVATIONS SHALL BE PROPERLY BACKFILLED. FOOTING BACKFILL AND UTILITY TRENCH BACKFILL WITHIN THE BUILDING PERIMETER SHALL BE MECHANICALLY COMPACTED IN LAYERS, TO THE APPROVAL OF THE SPECIAL INSPECTOR.
5. ALL TOPSOIL AND ORGANIC MATERIALS, INCLUDING TREES AND LARGE ROOTS, AND ANY DELETERIOUS MATERIALS SHALL BE STRIPPED FROM THE PROJECT AREA AND REPLACED WITH STRUCTURAL FILL.

SHOP DRAWINGS:

1. THE REVIEW OF SHOP DRAWINGS BY THE STRUCTURAL ENGINEER IS INTENDED ONLY TO MONITOR THE CONTRACTOR'S COMPREHENSION OF THE VARIOUS ASSEMBLIES. THIS REVIEW IS NOT A THOROUGH EXAMINATION OF THE WORK NOR IS IT AN ASSUMPTION OF RESPONSIBILITY BY THE ENGINEER FOR THE WORK OF OTHERS.
2. SHOP DRAWINGS ARE NOT A PART OF CONTRACT DOCUMENTS; THEREFORE, THE STRUCTURAL ENGINEER'S REVIEW DOES NOT CONSTITUTE AN AUTHORIZATION TO DEVIATE FROM THE TERMS AND CONDITIONS OF THE CONTRACT.
3. SHOP DRAWINGS SHALL BE SUBMITTED FOR REVIEW PRIOR TO FABRICATION.
4. FABRICATORS SHALL DRAW THEIR OWN ERECTION PLANS. COPYING THE STRUCTURAL PLANS AND USING THEM AS ERECTION DRAWINGS IS NOT ACCEPTABLE.
5. PRIOR TO SUBMITTAL, THE CONTRACTOR SHALL REVIEW THE SHOP DRAWINGS AND MAKE ANY CORRECTIONS REQUIRED. THE CONTRACTOR SHALL STAMP AND SIGN THE DRAWINGS AS EVIDENCE THAT HE HAS REVIEWED THEM.
6. SHOP DRAWINGS SHALL BE FURNISHED FOR ALL STRUCTURAL COMPONENTS.
7. SHOP DRAWINGS WILL BE REJECTED FOR INCOMPLETENESS, LACK OF COORDINATION WITH OTHER PORTIONS OF THE CONTRACT DOCUMENT, LACK OF CALCULATIONS (IF REQUIRED), OR WHERE MODIFICATIONS OR SUBSTITUTIONS ARE INDICATED WITHOUT PRIOR REVIEW.

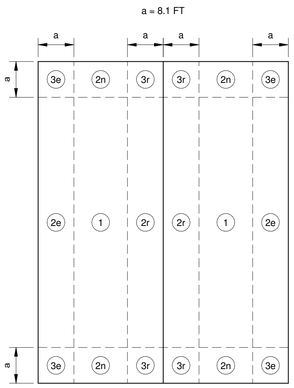
SPECIFICATIONS:

1. SEE PROJECT SPECIFICATIONS FOR STRUCTURAL REQUIREMENTS, PROPERTIES, ETC. PERTAINING TO:
   - i. CAST-IN-PLACE CONCRETE

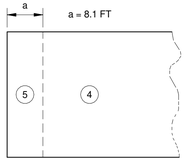
SPECIAL INSPECTIONS:

1. INSPECTIONS SHALL BE PERFORMED AS REQUIRED IN THE 2021 INTERNATIONAL BUILDING CODE, SECTION 1704. REFER TO IBC FOR INSPECTION REQUIREMENTS.
2. CONTINUOUS INSPECTIONS:
   - i. CONCRETE

COMPONENT AND CLADDING PRESSURES:



BUILDING ROOF ZONES - GABLE ROOF



BUILDING WALL ZONES

COMPONENT AND CLADDING ROOF PRESSURES				
ZONE	LOCATION	EFF. WIND AREA (SQ. FT.)	PRESSURE (PSF)	
			POSITIVE	NEGATIVE
1 & 2e	ROOF FIELD	≤10	23.0	-57.0
		20	17.8	-57.0
		50	16.0	-33.4
		≥100	16.0	-17.8
2n, 2r, & 3e	ROOF FIELD EDGE	≤10	23.0	-83.1
		20	17.8	-72.6
		50	16.0	-57.0
		≥100	16.0	-46.5
3r	ROOF EDGE	≤10	23.0	-98.8
		20	17.8	-83.1
		50	16.0	-54.3
		≥100	16.0	-41.3
COMPONENT AND CLADDING WALL PRESSURES				
ZONE	LOCATION	EFF. WIND AREA (SQ. FT.)	PRESSURE (PSF)	
			POSTIVE	NEGATIVE
4	WALL FIELD	≤10	30.8	-33.4
		20	29.5	-32.1
		50	28.2	-30.8
		100	25.6	-28.2
		≥500	23.0	-25.6
5	WALL PERIMETER	≤10	30.8	-41.3
		20	29.5	-38.7
		50	28.2	-34.7
		100	25.6	-32.1
		≥500	23.0	-25.6

C&C NOTES:

THE PROVIDED PRESSURES ARE ULTIMATE PRESSURES AND SHOULD BE MULTIPLIED BY THE APPROPRIATE FACTORS IN IBC 2021.

POSITIVE AND NEGATIVE PRESSURES ACT TOWARD AND AWAY FROM THE SURFACES, RESPECTIVELY.

FOR EFFECTIVE WIND AREA BETWEEN THE ZONES GIVEN, VALUES MAY BE INTERPOLATED, OTHERWISE, USE THE VALUE ASSOCIATED WITH THE LOWER EFFECTIVE WIND AREA. SOFFIT PRESSURES ARE THE SAME AS THE ADJACENT WALL PRESSURES.

REBAR LAP SPLICE REQUIREMENTS (MIN.)	
LOCATION	SLABS AND FOUNDATIONS
BAR	4000 PSI
#3	15"
#4	19"
#5	24"
#6	29"
#7	42"
#8	48"

SPLICE NOTES:

LAP SPLICE LENGTHS ABOVE APPLY TO ALL REINFORCING BARS FOR THIS PROJECT, UNLESS SPECIFICALLY NOTED OTHERWISE IN THESE PLANS.

ALL LAP SPLICES PROVIDED ABOVE ARE NORMAL WEIGHT CONCRETE AND GRADE 60 REINFORCING BARS IN TENSION. SPLICES FOR WALL AND SLAB BARS ARE BASED ON A MINIMUM OF 1" CLEAR COVER.

LAP SPLICE LENGTHS PROVIDED IN THIS TABLE ARE BASED ON ACI 12.2 AND 12.15.

ANCHOR ROD SCHEDULE		
COLUMN	ANCHOR DIA.	ANCHOR EMBED./PROJECTION
PEMB	T.B.D.	T.B.D.

ANCHOR ROD NOTES:

REFER TO METAL BUILDING PROVIDER DRAWINGS FOR ANCHOR ROD MATERIAL, ARRANGEMENT, AND PLACEMENT LOCATIONS.

ANCHOR RODS SHALL BE BE HEADED, GALVINIZED.

INTERIOR COLUMN BASE PLATES BEAR 4 1/2" B.F.F. ON 1 1/2" OF GROUT.

FORTE & TABLADA
9107 Interline Avenue
Baton Rouge, LA 70809
T (225) 927-9321 F (225) 927-9326
WWW.FORTEANDTABLADA.COM
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100% CONSTRUCTION DOCUMENTS

GENERAL NOTES & INDEX

CITY OF OPELOUSAS

SOUTH CITY PARK CENTER

TBD, Opelousas, LA 70570 St. Landry Parish

PROJECT ID: 20231117

db ARCHITECTURE OF ACADIANA, LLC
TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

STATE OF LOUISIANA
JENNIFER W. SIMONEAUX
License No. 47607
PROFESSIONAL ENGINEER IN CIVIL ENGINEERING
01-30-2025

PROJECT NUMBER: 20231117

DATE: 01/17/2025

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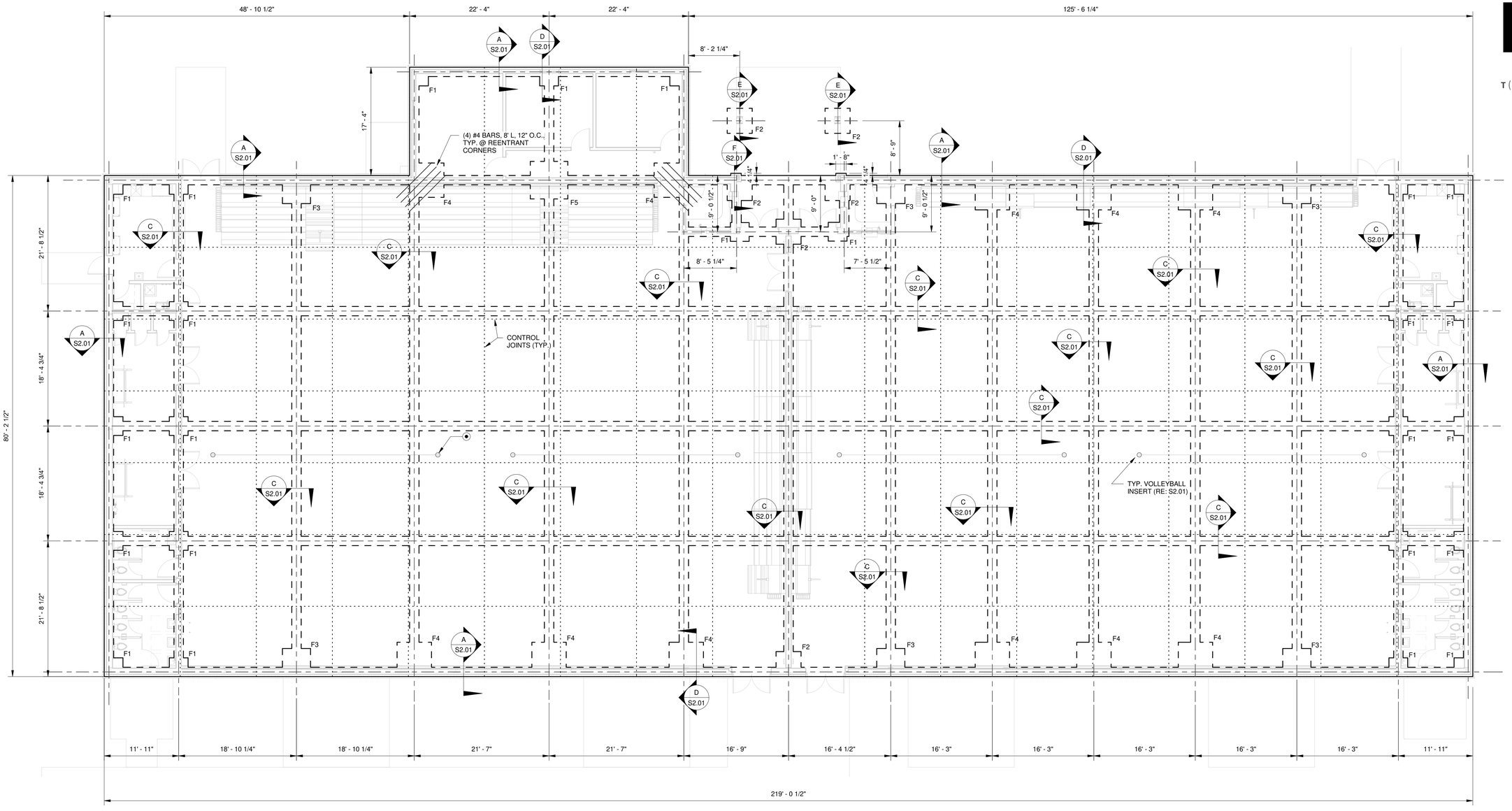

FOUNDATION PLAN

SCALE: 1/8" = 1'-0"

FOOTING SCHEDULE		
FOOTING	SIZE	REINFORCEMENT
F1	3' - 0" x 3' - 0" x 2' - 0"	(5) #5 E.W. BOTT.
F2	4' - 0" x 4' - 0" x 2' - 0"	(6) #5 E.W. BOTT.
F3	4' - 6" x 4' - 6" x 2' - 0"	(6) #5 E.W. BOTT.
F4	5' - 6" x 5' - 6" x 2' - 0"	(7) #5 E.W. BOTT.
F5	6' - 0" x 6' - 0" x 2' - 0"	(8) #5 E.W. BOTT.

NOTES:

REFER TO ARCHITECTURAL SHEETS FOR ADDITIONAL DIMENSIONS NOT SHOWN.

CONCRETE COVER SHALL BE 3" ALONG BOTTOM AND SIDES OF GRADE BEAMS AND FOOTINGS, 1" ALONG TOP OF SLAB, AND 1 1/2" ELSEWHERE.

SLOPE FLOORS TO DRAIN. REFER TO ARCHITECTURAL DRAWINGS FOR DRAIN LOCATIONS.

ALL EXPOSED EXTERIOR FOUNDATION SHALL HAVE A SURFACE FINISH 2.0 UNLESS NOTED OTHERWISE.

COORDINATE SLAB ELEVATION WITH FLOOR FINISHES. PROVIDE INSETS AS NEEDED TO ACCOMMODATE FINISHES.

⊙ TYP. VOLLEYBALL INSET (RE: S2.01). COORD LOCATIONS W/ GRADE BEAMS.

100% CONSTRUCTION DOCUMENTS

FOUNDATION PLAN

CITY OF OPELOUSAS

SOUTH CITY PARK CENTER

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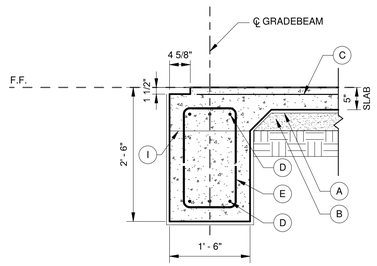
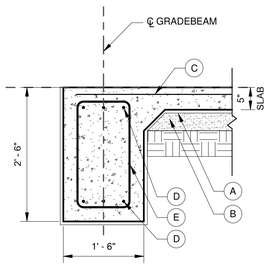
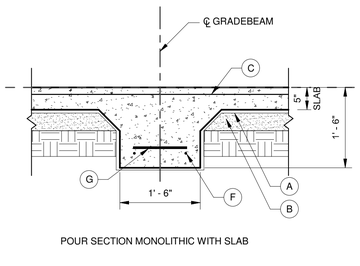


A SECTION
SCALE: 3/4" = 1'-0"

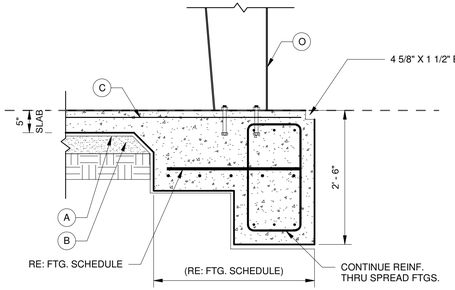


B SECTION
SCALE: 3/4" = 1'-0"



POUR SECTION MONOLITHIC WITH SLAB

C SECTION
SCALE: 3/4" = 1'-0"



D SECTION
SCALE: 3/4" = 1'-0"

KEYNOTES

- (A) 15 MIL VAPOR BARRIER. CONT. AROUND ALL GRADE BEAMS & FOOTINGS.
- (B) 4" GRAVEL OR WELL-GRADED SAND
- (C) WWR4X4 - W4XW4 (SEE NOTES BELOW)
- (D) (3) #5 BARS
- (E) #3 @ 24" O.C.
- (F) (2) #4 BARS
- (G) #3 @ 36" O.C. 1'-6" | 2'-0"
- (I) #3 BAR @ 3" O.C.
- (K) (3) #4 E.F. W/ #3 @ 6" O.C. VERT. SPC'S
- (L) #3 @ 18" O.C. HORIZONTAL
- (M) #3 @ 6" O.C.
- (N) (3) #5 BARS @ EQ. SPC'S E.W.
- (O) COLUMN (RE: METAL BUILDING PROVIDER)

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9107 Interline Avenue
Baton Rouge, LA 70809
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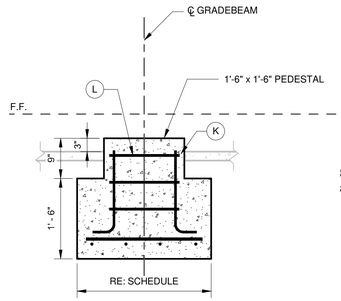
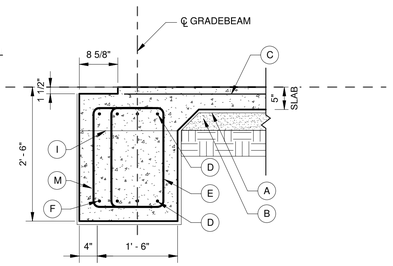
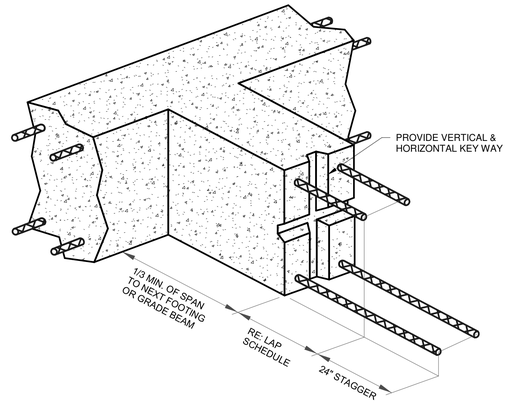


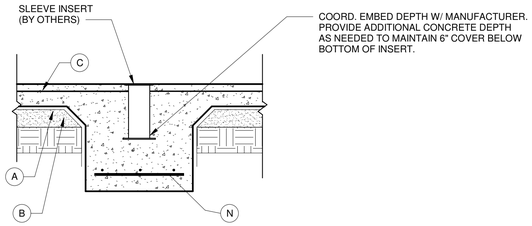
E SECTION
SCALE: 3/4" = 1'-0"



F SECTION
SCALE: 3/4" = 1'-0"



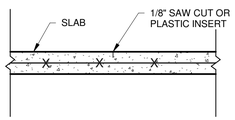
TYP. GRADE BEAM CONSTRUCTION JOINT
SCALE: N.T.S.



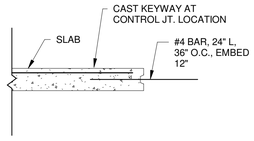
EQUIP. INSERT NOTES:

COORDINATE MANUFACTURER'S REQUIREMENTS FOR INSERTS INTO FOUNDATION FOR ALL ATHLETIC EQUIPMENT, INCLUDING BASKETBALL GOALS. CONTRACTOR SHALL PROVIDE ALL ADDITIONAL FOUNDATION AS REQUIRED BY THE MANUFACTURER'S INSTALLATION DETAILS.

TYP. VOLLEYBALL INSERT
SCALE: N.T.S.



TYP. CONTROL JOINT
SCALE: N.T.S.



SLAB CONSTRUCTION JT.
SCALE: N.T.S.

NOTES:

SEE GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION RELATED TO SITE PREPARATION, EARTHWORK, AND FILL REQUIREMENTS.

WWR BAR DIAMETER TO BE 0.226" AT 4" CENTER-TO-CENTER SPACING EACH WAY. SPLICE LENGTH TO BE 0'-6" MIN. PLACE WWR IN UPPER 1/3 OF THE SLAB. WWR SUPPORT SPACING NOT TO EXCEED 3'-0".

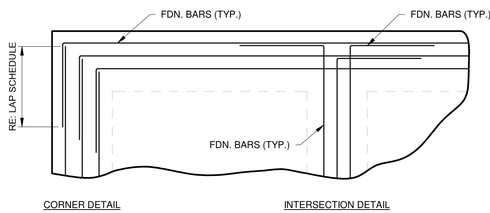
CONCRETE COVER SHALL BE 3" ALONG BOTTOM AND SIDES OF GRADE BEAMS AND FOOTINGS, 1" ALONG TOP OF SLAB, AND 1 1/2" ELSEWHERE.

REFER TO ARCHITECTURAL SHEETS FOR ADDITIONAL DIMENSIONS NOT SHOWN.

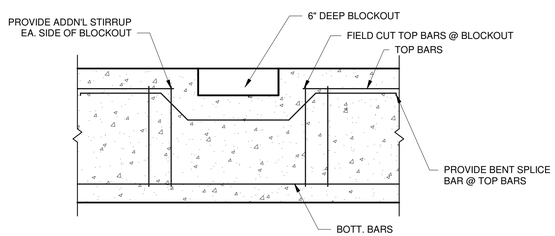
SLOPE FLOORS TO DRAIN. REFER TO ARCHITECTURAL DRAWINGS FOR DRAIN LOCATIONS.

ALL EXPOSED EXTERIOR FOUNDATION SHALL HAVE A SURFACE FINISH 2.0 UNLESS NOTED OTHERWISE.

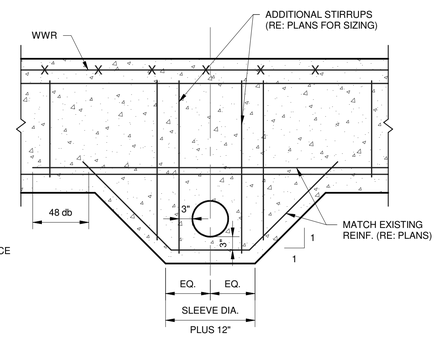
(A) AT CONTRACTORS OPTION CORNER BARS MAY BE USED IN LIEU OF FIELD BENDING GRADE BEAM REINFORCEMENT.



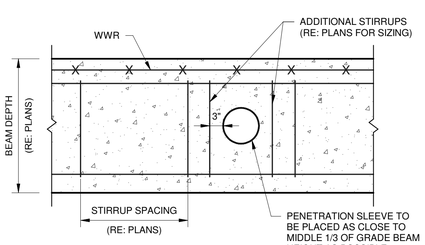
TYP. GRADE BEAM INTERSECTION (A)
SCALE: N.T.S.



TYP. COLUMN BLOCKOUT
SCALE: N.T.S.



TYP. GRADE BEAM PENETRATION
SCALE: N.T.S.



100% CONSTRUCTION DOCUMENTS

FOUNDATION DETAILS

CITY OF OPELOUSAS

SOUTH CITY PARK CENTER

TBD, Opelousas, LA 70570 St. Landry Parish

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db | ARCHITECTURE OF ACADIANA, LLC
TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com
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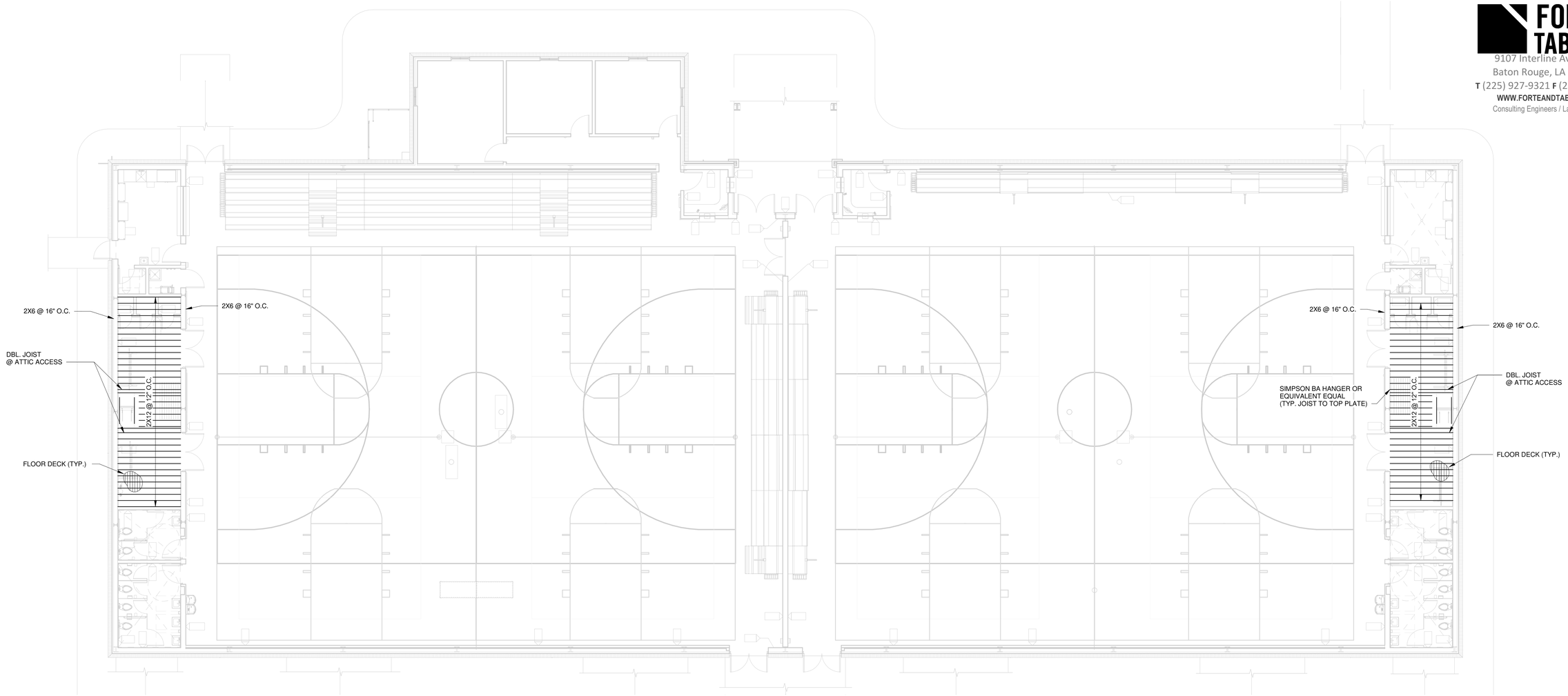


FRAMING PLAN

SCALE: 1/8" = 1'-0"

NOTES:

FLOOR DECK SHALL BE 1 1/8" PLYWOOD SHEATHING.

100% CONSTRUCTION DOCUMENTS

FRAMING PLAN

CITY OF OPELOUSAS

SOUTH CITY PARK CENTER

TBD, Opelousas, LA 70570 St. Landry Parish

PROJECT ID: 20231117

db ARCHITECTURE OF ACADIANA, LLC

TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

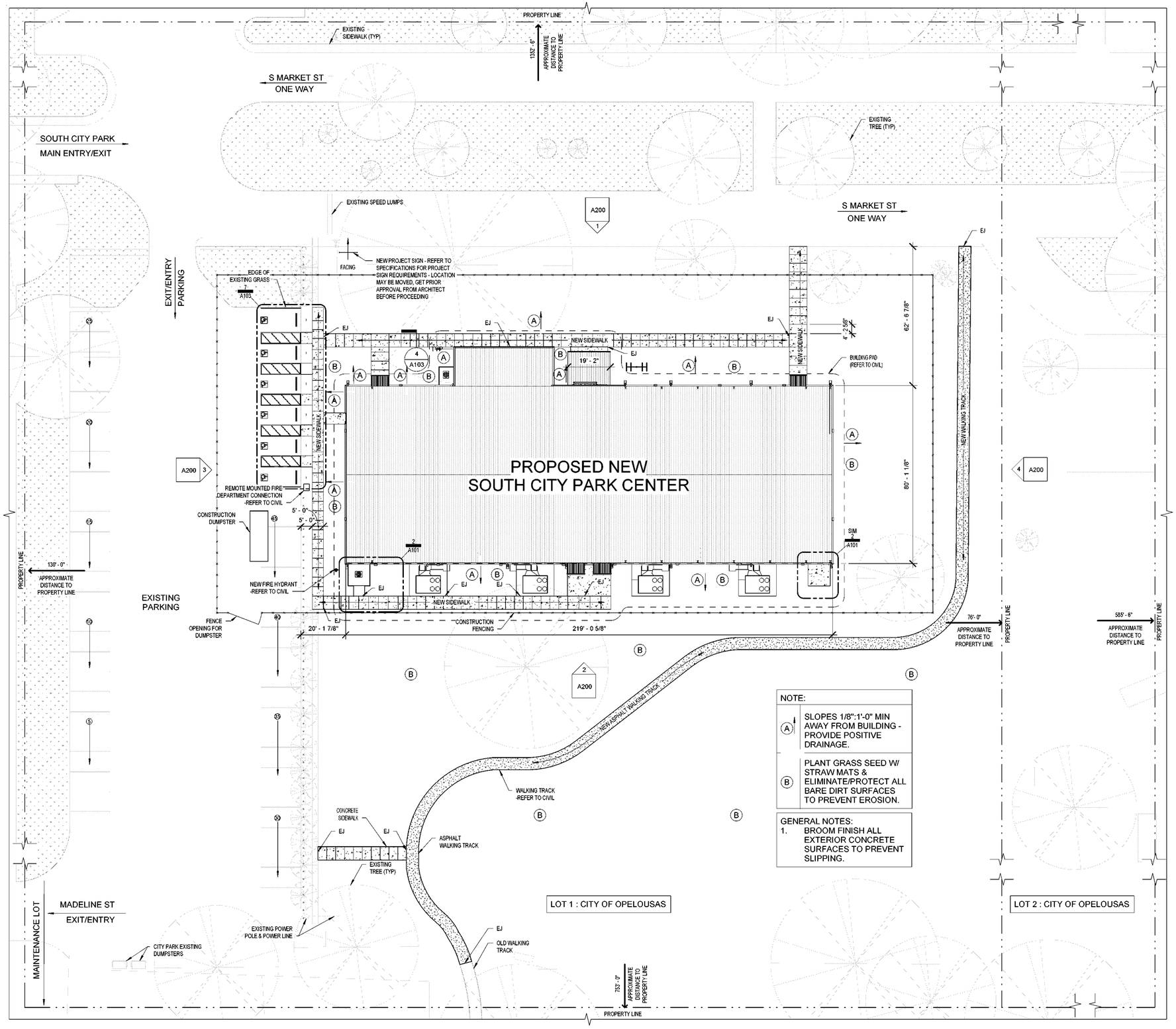
STATE OF LOUISIANA
JENNIFER W. SIMONEAUX
License No. 47607
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
01-30-2025

PROJECT NUMBER: 20231117

DATE: 01/17/2025

S3.01

DATE: 1/9/2025 2:03:37 PM COPYRIGHT @ARCHITECTURE of ACADIANA, LLC

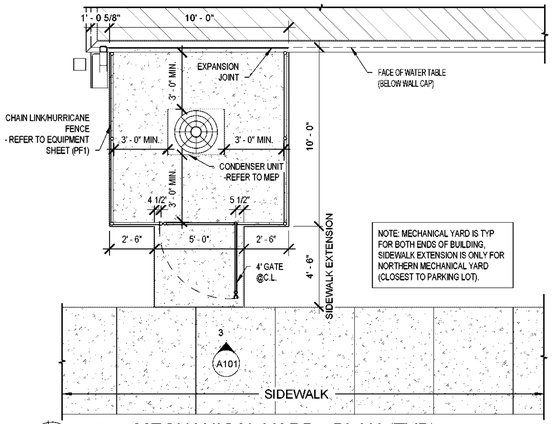


SITE PLAN
SCALE: 3/64" = 1'-0"

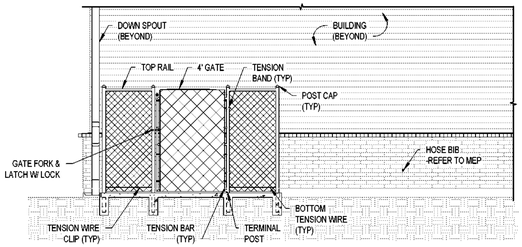
NOTE:

A	SLOPES 1/8":1'-0" MIN AWAY FROM BUILDING - PROVIDE POSITIVE DRAINAGE.
B	PLANT GRASS SEED W/ STRAW MATS & ELIMINATE/PROTECT ALL BARE DIRT SURFACES TO PREVENT EROSION.

GENERAL NOTES:
1. BROOM FINISH ALL EXTERIOR CONCRETE SURFACES TO PREVENT SLIPPING.



2 MECHANICAL YARD - PLAN (TYP)
SCALE: 1/4" = 1'-0"



3 MECHANICAL YARD - EAST ELEVATION (TYP)
SCALE: 1/4" = 1'-0"

GENERAL NOTES:
1. DISTANCES TO PROPERTY LINES ARE ESTIMATED.
2. REFER TO CIVIL DRAWINGS, IF ANY CONFLICT - CONTACT ARCHITECT PRIOR TO PROCEEDING.

100% CONSTRUCTION DOCUMENTS

ARCHITECTURAL SITE PLAN

CITY OF OPELOUSAS
SOUTH CITY PARK CENTER
(TBD) S Market St, Opelousas, LA 70570 St. Landry Parish
PROJECT ID: 20231117

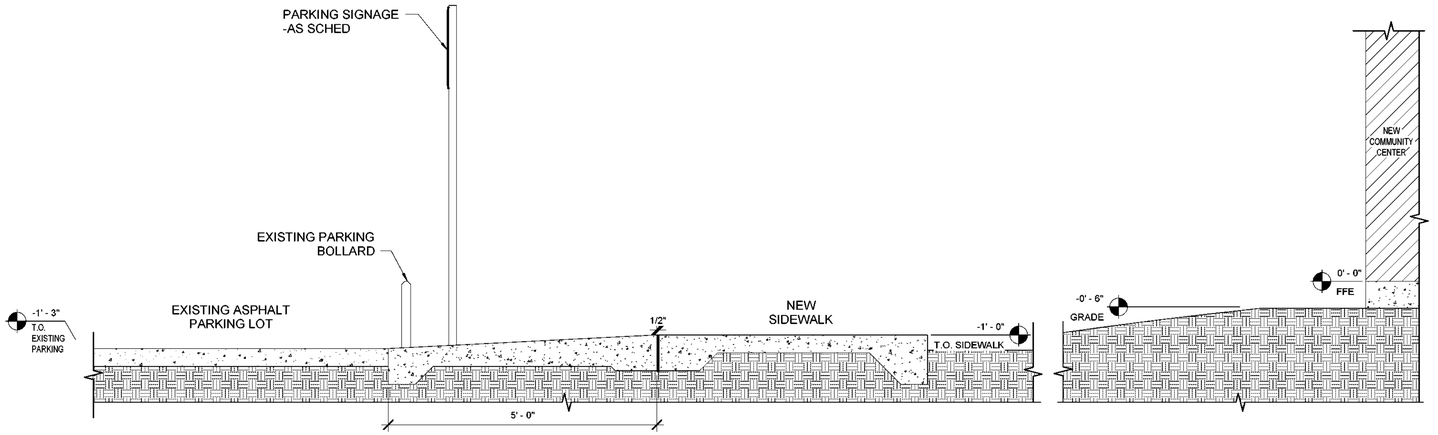
db ARCHITECTURE OF ACADIANA, LLC
TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

DAVID BEVERLY REG. NO. 7525 REGISTERED ARCHITECT

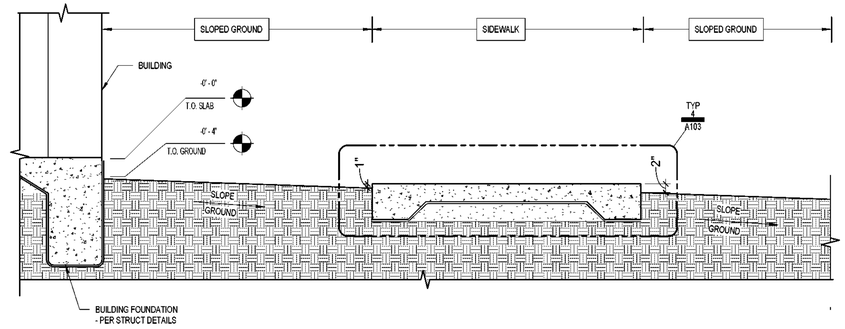
PROJECT NUMBER: 20231117
DATE: 01/17/2025
A101

DATE: 8/20/2025 2:20:41 PM COPYRIGHT: DBARCHITECTUREOF ACADIANA, LLC



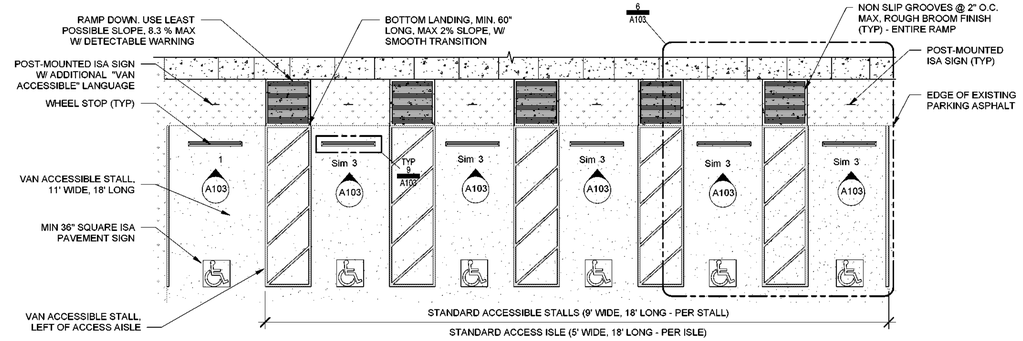
5 ADA ACCESSIBLE PATH FROM PARKING

SCALE: 3/4" = 1'-0"



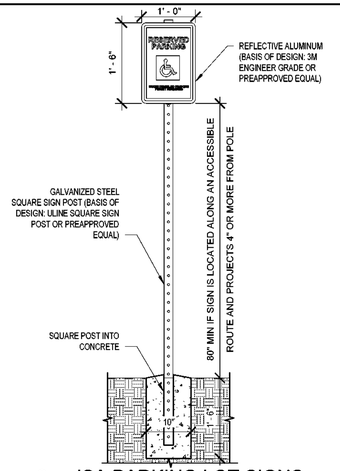
8 BUILDING TO SIDEWALK SECTION DTL

SCALE: 3/4" = 1'-0"



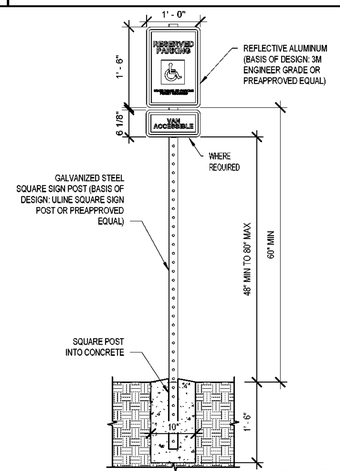
7 ACCESSIBLE PARKING DETAIL

SCALE: 1/8" = 1'-0"



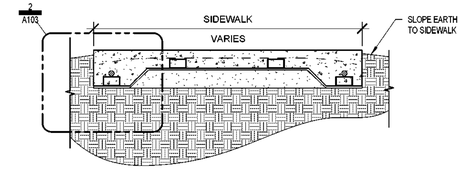
3 ISA PARKING LOT SIGNS

SCALE: 3/4" = 1'-0"



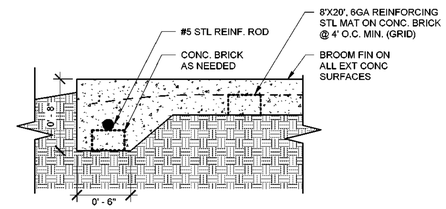
1 ISA VAN ACCESSIBLE PARKING LOT SIGN

SCALE: 3/4" = 1'-0"



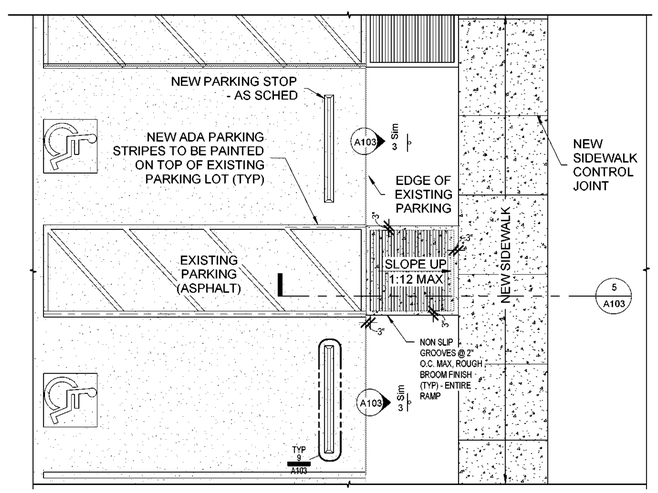
4 SIDEWALK - SECTION DTL (TYP)

SCALE: 3/4" = 1'-0"



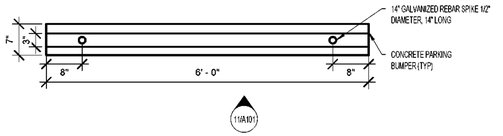
2 SIDEWALK DETAIL (TYP)

SCALE: 1 1/2" = 1'-0"



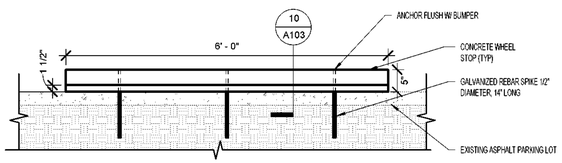
6 PARKING TO SIDEWALK - RAMP PLAN

SCALE: 1/4" = 1'-0"



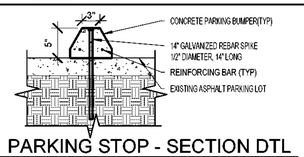
9 PARKING STOP - PLAN DTL

SCALE: 3/4" = 1'-0"



11 PARKING STOP - ELEVATION DTL

SCALE: 3/4" = 1'-0"



10 PARKING STOP - SECTION DTL

SCALE: 1" = 1'-0"

100% CONSTRUCTION DOCUMENTS

SITE RELATED

CITY OF OPELOUSAS

SOUTH CITY PARK CENTER

(TBD) S Market St, Opelousas, LA 70570 — St. Landry Parish

PROJECT ID: 20251117

db ARCHITECTURE OF ACADIANA, LLC

TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

DAVID BEVERLY REG. NO. 7509 REGISTERED ARCHITECT 01/17/2025

PROJECT NUMBER: 20231117

DATE: 01/17/2025

A103

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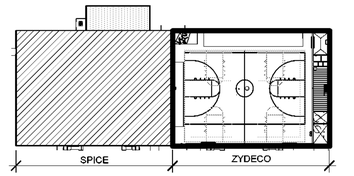
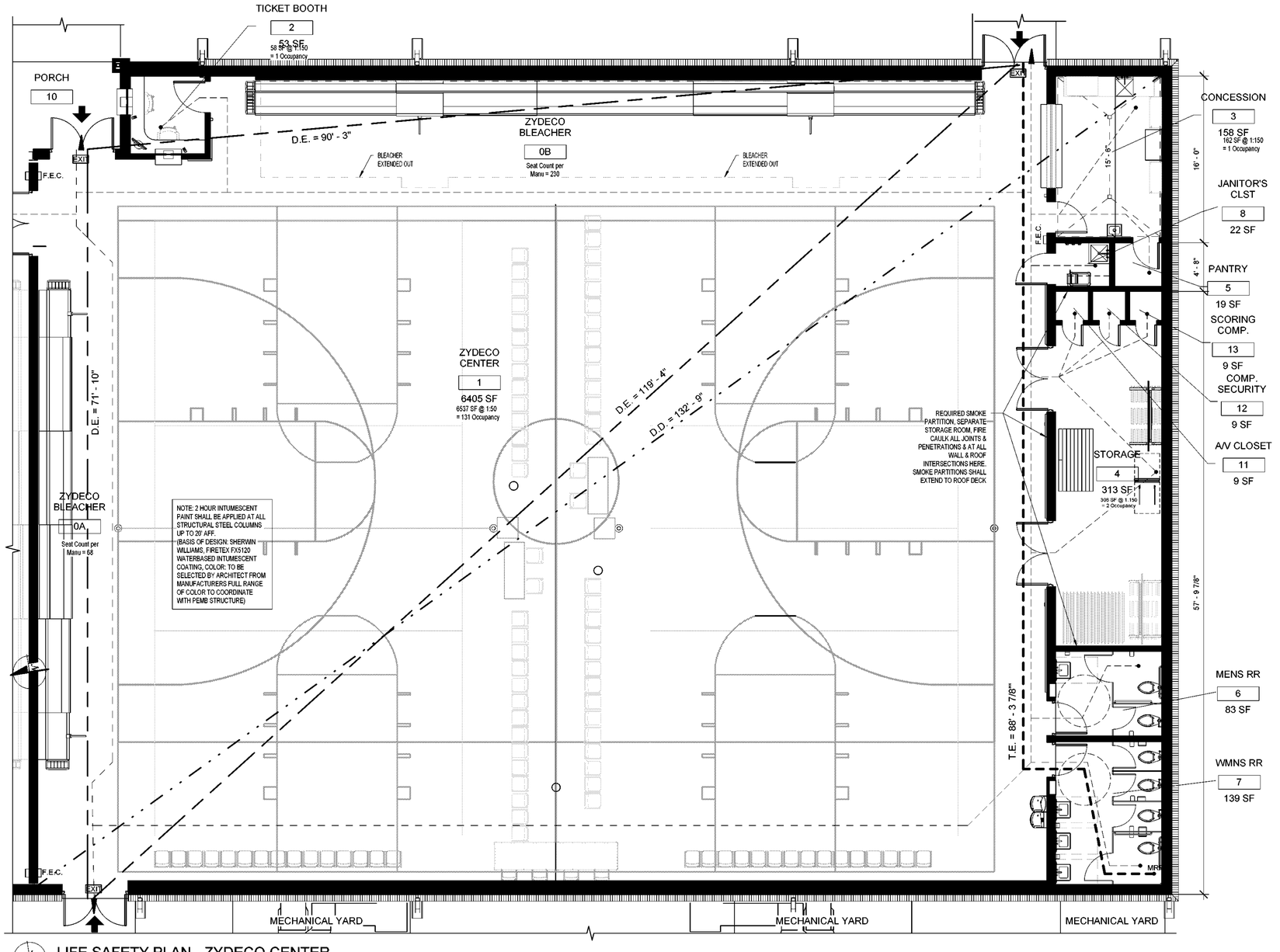
OCCUPANT LOADS - ZYDECO CENTER (ONLY)

NAME	#	OCCUPANCY	AREA	LOAD FACTOR	OCCUPANT LOAD	CODE LOAD	NOTE #
ZYDECO BLEACHER	0A	ASSEMBLY	275 SF	7 SF	39.342969	40	REFER TO #1A
ZYDECO BLEACHER	0B	ASSEMBLY	634 SF	7 SF	90.566216	91	REFER TO #1A
ZYDECO CENTER	1	ASSEMBLY	6405 SF	50 SF	128.093445	129	REFER TO #1B
TICKET BOOTH	2	BUSINESS	53 SF	150 SF	0.350707	1	
CONCESSION	3	BUSINESS	158 SF	150 SF	1.050556	2	
STORAGE	4	STORAGE	313 SF	150 SF	2.086582	3	
PANTRY	5	N/A	19 SF				
MENS RR	6	N/A	83 SF				
WMNS RR	7	N/A	139 SF				
JANITOR'S CLST	8	N/A	22 SF				
A/V CLOSET	11	N/A	9 SF				
COMP. SECURITY	12	N/A	9 SF				
SCORING COMP.	13	N/A	9 SF				
Grand total: 13			8126 SF			266	

OCCUPANT LOAD CHART NOTES:
#1A. OCCUPANT LOAD COUNT AT BLEACHERS 1 PER 7 FOR CALCULATING PLUMBING FIXTURE COUNT.
#1B. SPACE PRIMARY USE IS FOR INDOOR SPORTS ACTIVITIES THEREFORE REDUCED COUNT FOR PLUMBING FIXTURES.



KEY PLAN - VIEWING ZYDECO
SCALE: 1" = 50'-0"



LIFE SAFETY PLAN - ZYDECO CENTER
SCALE: 3/16" = 1'-0"

GENERAL NOTES

1. FIRE PROTECTION SERVICE COMPANY LICENSED TO PERFORM THE WORK SHALL INSTALL FIRE PROTECTION SYSTEM AND ALSO ENSURE ALL WORK CONFORMS TO ALL APPLICABLE CODES.

LIFE SAFETY LEGEND

SYMBOL	DESCRIPTION
F.E.	BRACKET MOUNTED FIRE EXTINGUISHER - RATED 3-A
EXIT	WALL MOUNT ILLUMINATED EXIT SIGN
D.E.	DISTANT FROM EXIT TO EXIT
T.E.	TRAVEL DISTANCE FROM MOST REMOTE POINT
D.D.	DIAGONAL DISTANCE
MRP	MOST REMOTE POINT
	ENTRY/EXIT
	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET, MAX PROTRUSION 4" SEMI RECESSED INCLUDES FIRE EXTINGUISHER AND HOOK. RECESS FULLY WHERE WALL ALLOWS.
	PATH OF TRAVEL

FIXTURE COUNTS (TOTAL & PER SIDE)

BLDG TYPE : ASSEMBLY

DESCRIPTION:	WATER CLOSETS:		LAVATORIES:		DRINKING FOUNTAINS:	OTHER:
	MALE	FEMALE	MALE	FEMALE		
Coliseums, arenas, skating rinks, pools and tennis courts for indoor sporting events and activities.	1 PER 75 FOR THE FIRST 1,500, THEN 1 PER 120	1 PER 40 FOR THE FIRST 1,520, THEN 1 PER 60	1 PER 200	1 PER 150	1 PER 1,000	1 SERVICE SINK
PROVIDED **TOTAL**:	4	8	2	6	2 DRINKING FOUNTAINS	2 SERVICE SINK
PROVIDED **PER SIDE**:	2	4	1	3		

CODE: PLUMBING FIXTURE COUNTS:
1.) SUBMIT BLEACHER LOAD FOR FIXTURE COUNT (1 PER 7)
2.) REDUCED 1 PER 50 FOR FIXTURE COUNT
3.) 1 PER 7 FOR EGRESS DOORS - BUILDING TO BE SPRINKLERED AT 18,000 SF
4.) LOCAL AHJ, CITY OF OPELOUSAS DICTATES FIXTURE COUNT
5.) CONCENTRATED ASSEMBLY FOR OCCUPANCY; PRIMARY USE AS A GYMNASIUM WITH SPECTATOR SEATING A-4 OCCUPANCY

BUILDING INFO (ENTIRE, INCLUDES BOTH SIDES)

CATEGORY	COMMUNITY CENTER
USE	ASSEMBLY
BUILDING CONSTRUCTION TYPES	TYPE: II B
NUMBER OF STORIES	(1)
BUILDING HEIGHT	27'
BUILDING AREA	18398 sf
OCCUPANCY TYPE	GROUP A-4 (IBC 2015)
AUTOMATIC SPRINKLER SYSTEM PER STORY	YES
ALLOWABLE FLOOR AREA	NOT LIMITED
OCCUPANT LOAD	541 OCCUPANTS
EGRESS WIDTH - DOORS - 0.2INCH/OC	541X.2 =108.2/6=18.03" Required; (Qty 6) 72" Doors Provided
FIXTURE REQUIREMENTS	TOTAL : 271 MEN / 271 WOMEN OCC. - 4 MEN / 7 WOMEN WATER CLOSETS ; 2 MEN / 2 WOMEN LAVATORIES; 1 WATER FOUNTAIN CLOSETS, 1 DRINKING FOUN. / FLOOR, 1 SERVICE SINK / FLOOR
PARKING REQUIREMENTS	187 SPACE EXISTING ; 6 ADA SPACE REQUIRED - REFERENCE TO ADA.GOV CHART
RISK CATEGORY	CATEGORY III (131 MPH)
FLOOD ZONE	"X"

100% CONSTRUCTION DOCUMENTS

LIFE SAFETY PLAN - ZYDECO CENTER

CITY OF OPELOUSAS
SOUTH CITY PARK CENTER
(TBD) S Market St. Opelousas, LA 70570 St. Landry Parish

PROJECT ID: 20231117

db | ARCHITECTURE OF ACADIANA, LLC
TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

DAVID BEVEL REG. NO. 7574 REGISTERED ARCHITECT 01/17/2025

PROJECT NUMBER: 20231117
DATE: 01/17/2025
A106

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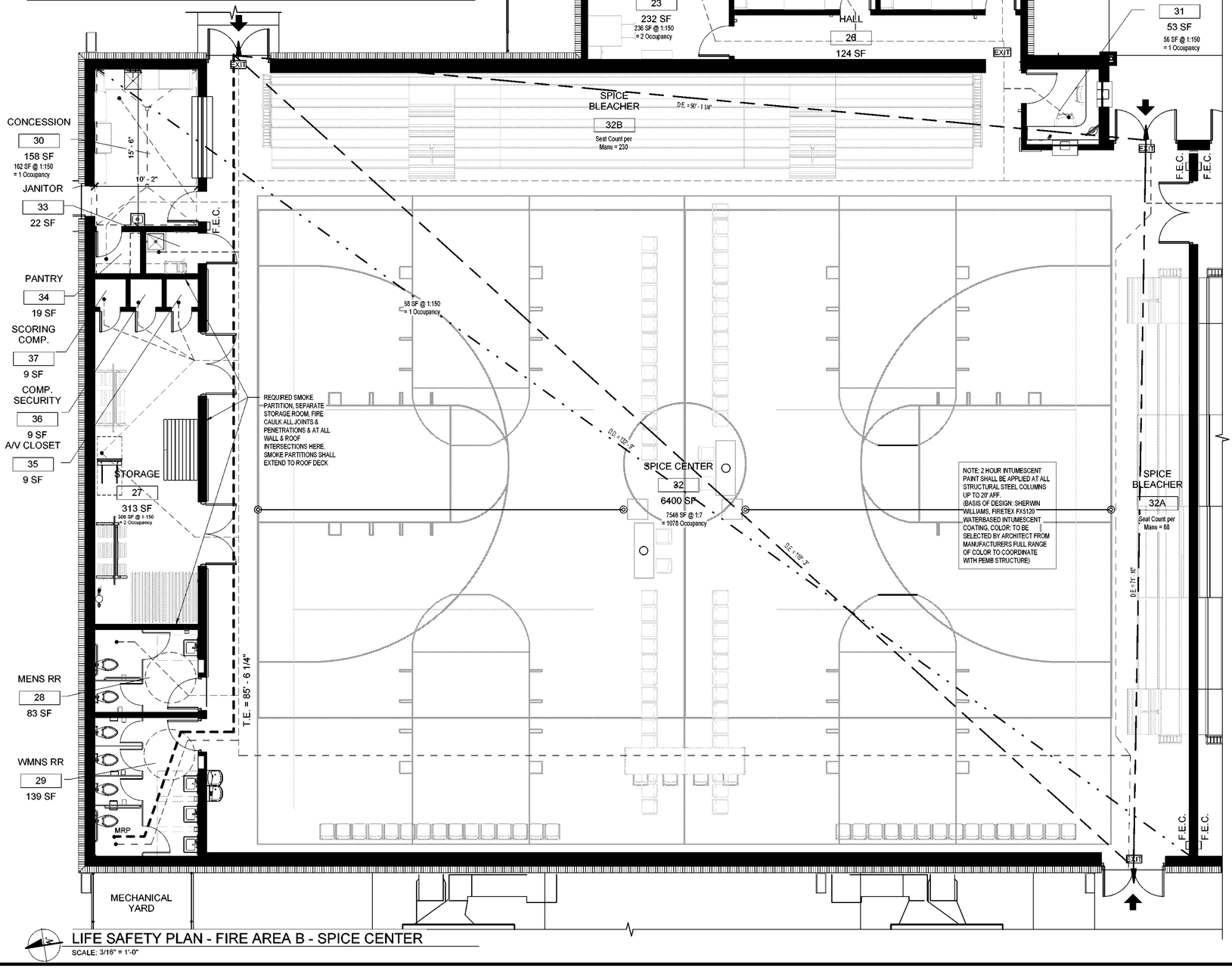
OCCUPANT LOADS - SPICE CENTER (ONLY)

NAME	#	OCCUPANCY	AREA	LOAD FACTOR	OCCUPANT LOAD	CODE LOAD	NOTE #
OFFICE 3	23	BUSINESS	232 SF	150 SF	1.549969	2	
OFFICE 2	24	BUSINESS	165 SF	150 SF	1.097451	2	
OFFFICE 1	25	BUSINESS	163 SF	150 SF	1.087599	2	
HALL	26	HALLWAY	124 SF				
STORAGE	27	STORAGE	313 SF	150 SF	2.088116	3	
MENS RR	28	N/A	83 SF				
WMNS RR	29	N/A	139 SF				
CONCESSION	30	BUSINESS	158 SF	150 SF	1.050556	2	
TICKET BOOTH	31	BUSINESS	53 SF	150 SF	0.356343	1	
SPICE CENTER	32	ASSEMBLY	6400 SF	50 SF	127.992677	129	
SPICE BLEACHER	32A	ASSEMBLY	275 SF	7 SF	39.290945	40	REFER TO #1A
SPICE BLEACHER	32B	ASSEMBLY	652 SF	7 SF	93.137945	94	REFER TO #1B
JANITOR	33	N/A	22 SF				
PANTRY	34	N/A	19 SF				
A/V CLOSET	35	N/A	9 SF				
COMP. SECURITY	36	N/A	9 SF				
SCORING COMP.	37	N/A	9 SF				
Grand total: 17			8824 SF			275	

OCCUPANT LOAD CHART NOTES:
#1A. OCCUPANT LOAD COUNT AT BLEACHERS 1 PER 7 FOR CALCULATING PLUMBING FIXTURE COUNT.
#1B. SPACE PRIMARY USE IS FOR INDOOR SPORTS ACTIVITIES THEREFORE REDUCED COUNT FOR PLUMBING FIXTURES.



LIFE SAFETY PLAN - FIRE AREA B - SPICE CENTER
SCALE: 3/16" = 1'-0"

GENERAL NOTES

1. FIRE PROTECTION SERVICE COMPANY LICENSED TO PERFORM THE WORK SHALL INSTALL FIRE PROTECTION SYSTEM AND ALSO ENSURE ALL WORK CONFORMS TO ALL APPLICABLE CODES.

LIFE SAFETY LEGEND

SYMBOL	DESCRIPTION
F.E.	BRACKET MOUNTED FIRE EXTINGUISHER - RATED 3-A
EXIT	WALL MOUNT ILLUMINATED EXIT SIGN
D.E.	DISTANT FROM EXIT TO EXIT
T.E.	TRAVEL DISTANCE FROM MOST REMOTE POINT
D.D.	DIAGONAL DISTANCE
MRP	MOST REMOTE POINT
	ENTRY/EXIT
	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET, MAX PROTRUSION 4" SEMI RECESSED INCLUDES FIRE EXTINGUISHER AND HOOK. RECESS FULLY WHERE WALL ALLOWS.
	PATH OF TRAVEL

FIXTURE COUNTS (TOTAL & PER SIDE)

BLDG TYPE : ASSEMBLY

DESCRIPTION:	WATER CLOSETS:		LAVATORIES:		DRINKING FOUNTAINS:	OTHER:
	MALE	FEMALE	MALE	FEMALE		
Coliseums, arenas, skating rinks, pools and tennis courts for indoor sporting events and activities.	1 PER 75 FOR THE FIRST 1,500, THEN 1 PER 120	1 PER 40 FOR THE FIRST 1,520, THEN 1 PER 60	1 PER 200	1 PER 150	1 PER 1,000	1 SERVICE SINK
PROVIDED **TOTAL**:	4	8	2	6	2 DRINKING FOUNTAINS	2 SERVICE SINK
PROVIDED **PER SIDE**:	2	4	1	3		

CODE: PLUMBING FIXTURE COUNTS:
1.) SUBMIT BLEACHER LOAD FOR FIXTURE COUNT (1 PER 7)
2.) REDUCED 1 PER 50 FOR FIXTURE COUNT
3.) 1 PER 7 FOR EGRESS DOORS : BUILDING TO BE SPRINKLERED AT 18,000 SF
4.) LOCAL AHJ, CITY OF OPELOUSAS DICTATES FIXTURE COUNT
5.) CONCENTRATED ASSEMBLY FOR OCCUPANCY; PRIMARY USE AS A GYMNASIUM WITH SPECTATOR SEATING A-4 OCCUPANCY

BUILDING INFO (ENTIRE, INCLUDES BOTH SIDES)

CATEGORY	COMMUNITY CENTER
USE	ASSEMBLY
BUILDING CONSTRUCTION TYPES	TYPE: II B
NUMBER OF STORIES	(1)
BUILDING HEIGHT	27'
BUILDING AREA	18398 sf
OCCUPANCY TYPE	GROUP A-4 (IBC 2015)
AUTOMATIC SPRINKLER SYSTEM PER STORY	YES
ALLOWABLE FLOOR AREA	NOT LIMITED
OCCUPANT LOAD	541 OCCUPANTS
EGRESS WIDTH - DOORS - 0.2INCH/OC	541X.2 =108.2/6=18.03" Required; (Qty 6) 72" Doors Provided
FIXTURE REQUIREMENTS	TOTAL : 271 MEN / 271 WOMEN OCC. - 4 MEN / 7 WOMEN WATER CLOSETS ; 2 MEN / 2 WOMEN LAVATORIES; 1 WATER FOUNTAIN CLOSETS, 1 DRINKING FOUN. / FLOOR, 1 SERVICE SINK / FLOOR
PARKING REQUIREMENTS	187 SPACE EXISTING ; 6 ADA SPACE REQUIRED - REFERENCE TO ADA.GOV CHART
RISK CATEGORY	CATEGORY III (131 MPH)
FLOOD ZONE	"X"

100% CONSTRUCTION DOCUMENTS

LIFE SAFETY PLAN - SPICE CENTER

CITY OF OPELOUSAS
SOUTH CITY PARK CENTER
(TBD) S Market St, Opelousas, LA 70570 — St. Landry Parish
PROJECT ID: 20231117

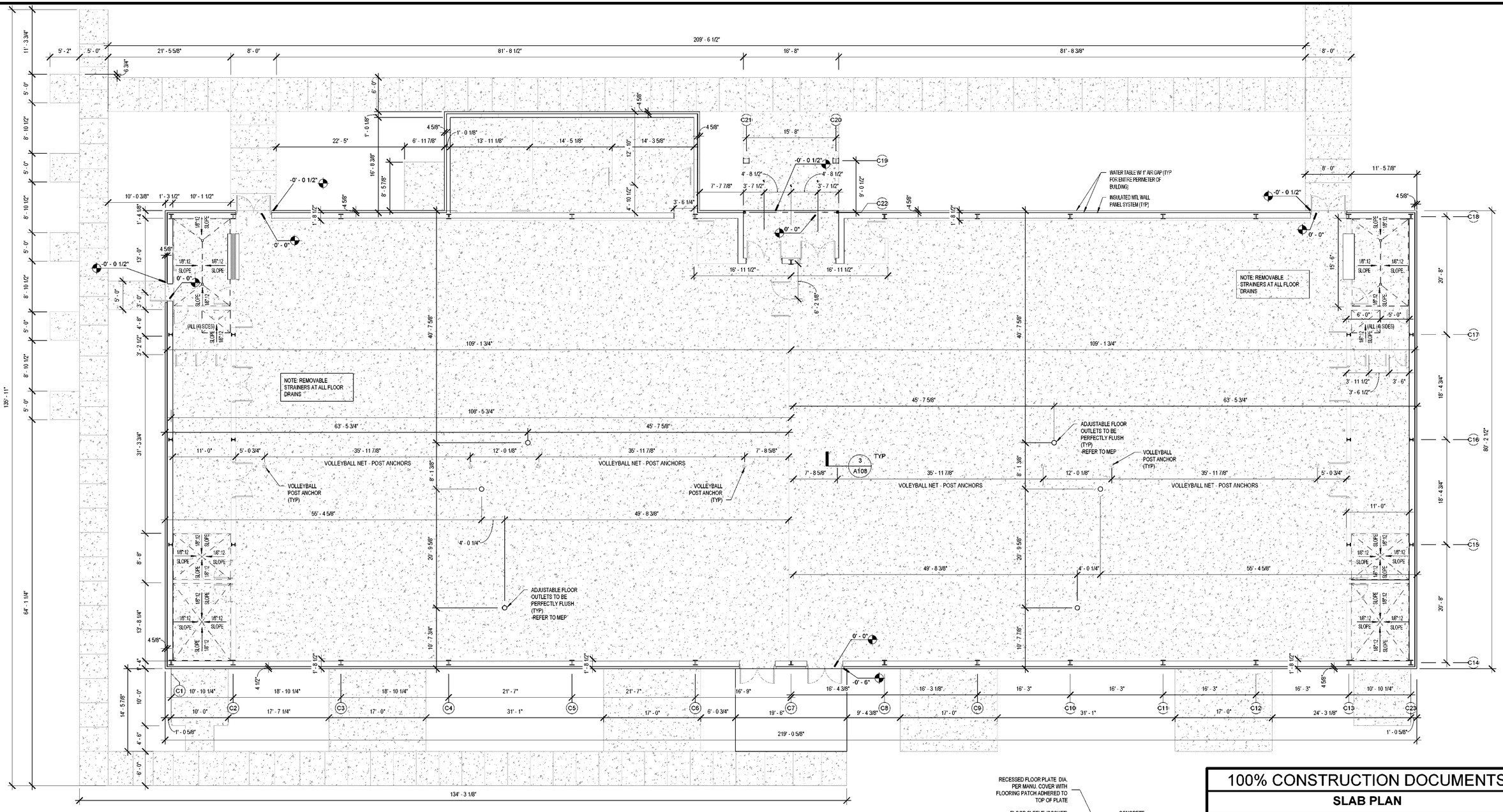
db | ARCHITECTURE OF ACADIANA, LLC
TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

DAVID BEVERLY REG. NO. 35078 REGISTERED ARCHITECT 01/17/2025

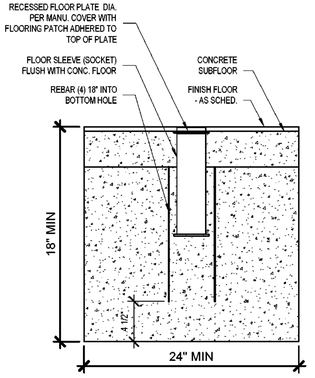
PROJECT NUMBER: 20231117
DATE: 01/17/2025
A107

DATE: 8/20/2025 3:22:25 PM COPYRIGHT @ARCHITECTURE of ACADIANA, LLC



SLAB PLAN

SCALE: 1/8" = 1'-0"



3 VOLLEYBALL POST - DTL

SCALE: 1 1/2" = 1'-0"

100% CONSTRUCTION DOCUMENTS

SLAB PLAN

CITY OF OPELOUSAS

SOUTH CITY PARK CENTER

(TBD) S Market St, Opelousas, LA 70570 — St. Landry Parish

PROJECT ID: 20231117

db | ARCHITECTURE OF ACADIANA, LLC

TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

DAVID BEVERLY REG. NO. 7524 REGISTERED ARCHITECT 01/17/2025

PROJECT NUMBER: 20231117

DATE: 01/17/2025

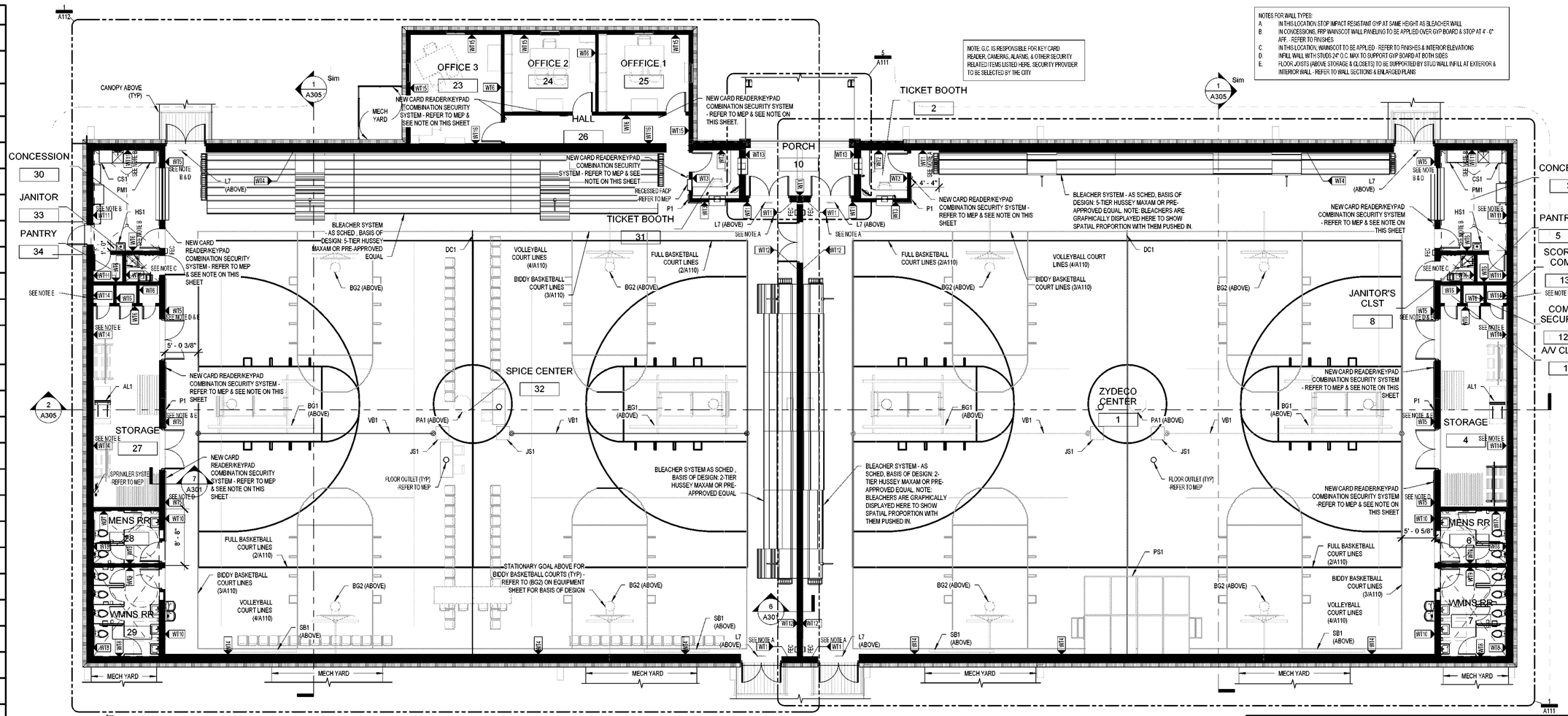
A108

DATE 5/20/2025 2:20:51 PM COPYRIGHT ©ARCHITECTURE of ACADIANA, LLC

EQUIPMENT ABBREVIATIONS SCHEDULE	
AL1	ATTIC STAIR-REFER TO (AL1) ON EQUIPMENT SHEET FOR BASIS OF DESIGN
BG1	CEILING MOUNTED GOAL SYSTEM ABOVE FOR FULL BASKETBALL COURT (TYP)-REFER TO (BS1) ON EQUIPMENT SHEET FOR BASIS OF DESIGN
BG2	STATIONARY GOAL ABOVE FOR BIDDY BASKETBALL COURTS (TYP)- REFER TO (BG2) ON EQUIPMENT SHEET FOR BASIS OF DESIGN
BG3	MANUAL GOAL HEIGHT ADJUSTER-REFER TO (BG3) ON EQUIPMENT SHEET FOR BASIS OF DESIGN
BR1	BIKE RACK-REFER TO (BR1) ON EQUIPMENT SHEET FOR BASIS OF DESIGN
CS1	SS COUNTERTOP & SINK UNIT (TYP)-REFER TO (CS1) ON EQUIPMENT SHEET FOR BASIS OF DESIGN
DC1	DIVIDING CURTAIN-REFER TO (DC1) ON EQUIPMENT SHEET FOR BASIS OF DESIGN
GB1	GRAB BARS 36"-REFER TO (GB1) ON EQUIPMENT SHEET FOR BASIS OF DESIGN
GB2	GRAB BARS 42"-REFER TO (GB2) ON EQUIPMENT SHEET FOR BASIS OF DESIGN
HS1	HAND WASHING SINK-REFER TO (HS1) ON EQUIPMENT SHEET FOR BASIS OF DESIGN
JS1	VOLLEYBALL REFEREE STAND -REFER TO (JS1) ON EQUIPMENT SHEET FOR BASIS OF DESIGN
L7	WALL MOUNTED EMERGENCY EXIT SIGNAGE W/ PROTECTIVE BASKET ABOVE DOOR (TYP @ EVERY EXIT DOOR)-REFER TO MEP & (L7) ON EQUIPMENT SHEET FOR BASIS OF DESIGN
M1	MIRROR-REFER TO (M1) ON EQUIPMENT SHEET FOR BASIS OF DESIGN
MH1	MOP HOOKS-REFER TO (MH1) ON EQUIPMENT SHEET FOR BASIS OF DESIGN
MP1	KINGSPAN INSULATED MTL WALL PANEL-REFER TO (MP1) ON EQUIPMENT SHEET FOR BASIS OF DESIGN
MS1	MOP SINK-REFER TO (MS1) ON EQUIPMENT SHEET FOR BASIS OF DESIGN
P1	WALL PADDING-REFER TO (P1) ON EQUIPMENT SHEET FOR BASIS OF DESIGN
P2	GRAPHIC VINYL WALL PANEL-REFER TO (P2) ON EQUIPMENT SHEET FOR BASIS OF DESIGN
PA1	PA SYSTEM (ABOVE)-REFERTO MEP & (PA1) ON EQUIPMENT SHEET FOR BASIS OF DESIGN
PF1	PRIVACY CHAIN LINK FENCE-REFER TO (PF1) ON EQUIPMENT SHEET FOR BASIS OF DESIGN
PM1	POPCORN MACHINE-REFER TO (PM1) ON EQUIPMENT SHEET FOR BASIS OF DESIGN
PS1	PORTABLE STAGE-REFER TO (PS1) EQUIPMENT SHEET FOR BASIS OF DESIGN
RP1	KINGSPAN INSULATED MTL ROOF PANEL-REFER TO (RP1) ON EQUIPMENT SHEET FOR BASIS OF DESIGN
S1	SURFACE MOUNTED SHELVING-REFER TO (S1) ON EQUIPMENT SHEET FOR BASIS OF DESIGN
S2	STAINLESS STEEL WIRE SHELVING 48WX12D-REFER TO (S2) ON EQUIPMENT SHEET FOR BASIS OF DESIGN
S3	STAINLESS STEEL WIRE SHELVING 36WX18D-REFER TO (S3) ON EQUIPMENT SHEET FOR BASIS OF DESIGN
SB1	SCOREBOARD ABOVE TO BE SUPPORTED BY PEMB (TYP)-REFER TO (SB1) ON EQUIPMENT SHEET FOR BASIS OF DESIGN
SD1	SOAP DISPENSER-REFER TO (SD1) ON EQUIPMENT SHEET FOR BASIS OF DESIGN
SF1	RESTROOM FAUCET, TOUCHLESS-REFER TO (SF1) ON EQUIPMENT SHEET FOR BASIS OF DESIGN
SF2	JANITOR SINK FAUCET-REFER TO (SF2) ON EQUIPMENT SHEET FOR BASIS OF DESIGN
SN1	NAPKIN DISPOSAL-REFER TO (SN1) ON EQUIPMENT SHEET FOR BASIS OF DESIGN
SS1	STAGE STEPS-REFER TO (SS1) ON EQUIPMENT SHEET FOR BASIS OF DESIGN
SW1	COUNTER W/ PASS THROUGH WINDOW & ROLLING SERCURITY DOOR AS SCHED. REFER TO (SW1) ON EQUIPMENT SHEET FOR BASIS OF DESIGN
SW2	INTERIOR TICKET BOOTH WINDOW AS SCHED, REFER TO OPENING SHEET & (SW2) ON EQUIPMENT SHEET FOR BASIS OF DESIGN
TD1	TOILET PAPER DISPENSER-REFER TO (TD1) ON EQUIPMENT SHEET FOR BASIS OF DESIGN
TL1	TOILET AND URINAL-REFER TO (TL1) ON EQUIPMENT SHEET FOR BASIS OF DESIGN
TP1	TOILET PARTITIONS-REFER TO (TP1) ON EQUIPMENT SHEET FOR BASIS OF DESIGN
TR2	PAPER TOWEL HOLDER & TRASH RECEPTACLE-REFER TO (TR2) ON EQUIPMENT SHEET FOR BASIS OF DESIGN
VB1	VOLLEYBALL NET SYSTEM-REFER TO (VB1) ON EQUIPMENT SHEET FOR BASIS OF DESIGN
VS1	RESTROOM SINK-REFER TO (VS1) ON EQUIPMENT SHEET FOR BASIS OF DESIGN
WF1	WATER FOUNTAIN-REFER TO (WF1) ON EQUIPMENT SHEET FOR BASIS OF DESIGN
WP2	KINGSPAN QUADCORE BARRIER PANEL-REFER TO (WP2) ON EQUIPMENT SHEET FOR BASIS OF DESIGN

NOTES FOR WALL TYPES:
- A. IN THIS LOCATION STOP IMPACT RESISTANT GYP AT SAME HEIGHT AS BLEACHER WALL
- B. IN CONCESSIONS, FRP WAINSCOT WALL PANELING TO BE APPLIED OVER GYP BOARD & STOP AT 4' -0" AFF. - REFER TO FINISHES
- C. IN THIS LOCATION, WAINSCOT TO BE APPLIED - REFER TO FINISHES & INTERIOR ELEVATIONS
- D. INFILL WALL WITH STUDS 24" O.C. MAX TO SUPPORT GYP BOARD AT BOTH SIDES
- E. FLOOR JOISTS (ABOVE STORAGE & CLOSETS) TO BE SUPPORTED BY STUD WALL INFILL AT EXTERIOR & INTERIOR WALL - REFER TO WALL SECTIONS & ENLARGED PLANS

NOTE: G.C. IS RESPONSIBLE FOR KEY CARD READER, CAMERAS, ALARMS, & OTHER SECURITY RELATED ITEMS LISTED HERE. SECURITY PROVIDER TO BE SELECTED BY THE CITY

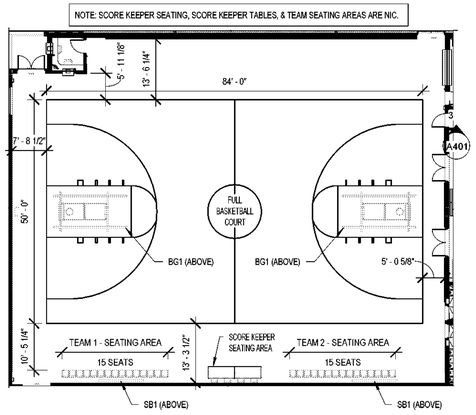


FLOOR PLAN
SCALE: 1/8" = 1'-0"

NOTE: COURT LAYOUT (VOLLEYBALL, BASKETBALL, & BIDDY BASKETBALL) SHOULD FOLLOW CONVENTIONAL STANDARDS, DISTANCES, SHAPES, LINEWORK, & ORIENTATION TO BE SUITABLE FOR ANTICIPATED SCHOOL & TOURNAMENT PLAY. ACTUAL COURT LINE LAYOUT SHALL BE PROVIDED BY AN EXPERIENCED COURT LAYOUT PROVIDER.

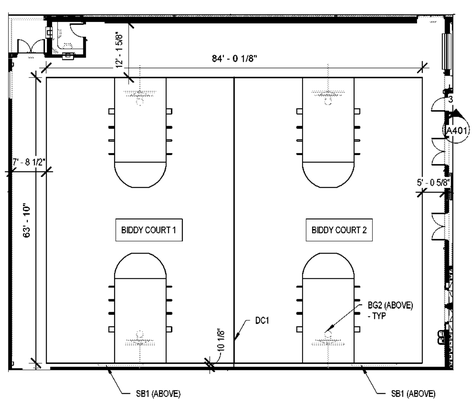
NOTE: COURT LAYOUT (VOLLEYBALL, BASKETBALL, & BIDDY BASKETBALL) ARE MIRRORED/FLIPPED FOR SPICE CENTER.

NOTE: SCORE KEEPER SEATING, SCORE KEEPER TABLES, & TEAM SEATING AREAS ARE NIC.



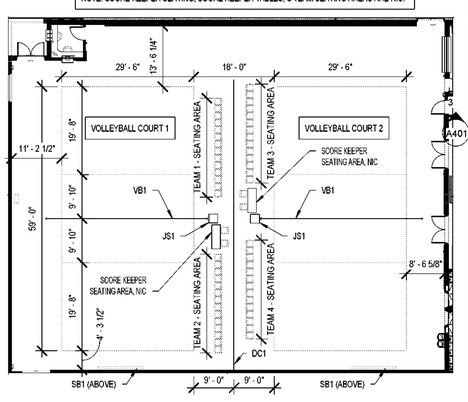
2 KEY PLAN - FULL BASKETBALL COURT LINES (TYP)
SCALE: 1/16" = 1'-0"

NOTE: SCORE KEEPER SEATING, SCORE KEEPER TABLES, & TEAM SEATING AREAS ARE NIC.



3 KEY PLAN - BIDDY BASKETBALL COURT LINES (TYP)
SCALE: 1/16" = 1'-0"

NOTE: SCORE KEEPER SEATING, SCORE KEEPER TABLES, & TEAM SEATING AREAS ARE NIC.



4 KEY PLAN - VOLLEYBALL COURT LINES (TYP)
SCALE: 1/16" = 1'-0"

GENERAL NOTES:
1. COMMUNITY CENTER IS PEMB.
2. (1) INTERIOR WALL (EACH SIDE) TO BE FRAMED WITH PEMB (PORTAL FRAME/COLUMNS).
3. ENTRY AND CANOPIES TO BE DESIGNED BY PEMB
4. ALL BLEACHERS ARE TO BE SUPPORTED BY PEMB
5. ALL BASKETBALL GOALS ARE TO BE SUPPORTED BY PEMB
6. ALL WALL MOUNTED SCOREBOARDS TO BE SUPPORTED BY PEMB
7. BOTH CURTAINS ARE TO BE SUPPORTED BY PEMB
8. VOLLEYBALL POST FOUNDATION PROVIDED BY STRUCTURAL ENGINEER
9. PORTABLE TABLES, CHAIRS, OFFICE FURNITURE, & STORAGE EQUIPMENT ARE NIC
10. GC TO ATTACH MANUAL HEIGHT ADJUSTERS TO ALL STATIONARY & FOLDING BASKETBALL GOALS. REFER TO (BG3) ON EQUIPMENT SHEET FOR BASIS OF DESIGN
11. GFCI PROTECTION FOR PERSONNEL AT THE FOLLOWING LOCATIONS: BATHROOMS, KITCHENS OR AREAS WITH A SINK, ROOFTOPS, OUTDOORS, SINKS WHERE RECEPTACLES ARE WITHIN 6'-0", AND INDOOR DAMP AND WET LOCATIONS.
12. 2 HOUR INTUMESCENT PAINT SHALL BE APPLIED AT ALL STRUCTURAL STEEL COLUMNS UP TO 20' AFF. (BASIS OF DESIGN: SHERWIN WILLIAMS, FIRETEX FX5120 WATERBASED INTUMESCENT COATING, COLOR: TO BE SELECTED BY ARCHITECT FROM MANUFACTURERS FULL RANGE OF COLOR TO COORDINATE WITH PEMB STRUCTURE)

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FLOOR PLAN - OVERALL

CITY OF OPELOUSAS

SOUTH CITY PARK CENTER

(TBD) S Market St, Opelousas, LA 70570 — St. Landry Parish

PROJECT ID: 20231117

db | ARCHITECTURE OF ACADIANA, LLC

TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

DAVID BEVERLY REG. NO. 34378 REGISTERED ARCHITECT — 09/01/2025

PROJECT NUMBER: 20231117

DATE: 01/17/2025

A110

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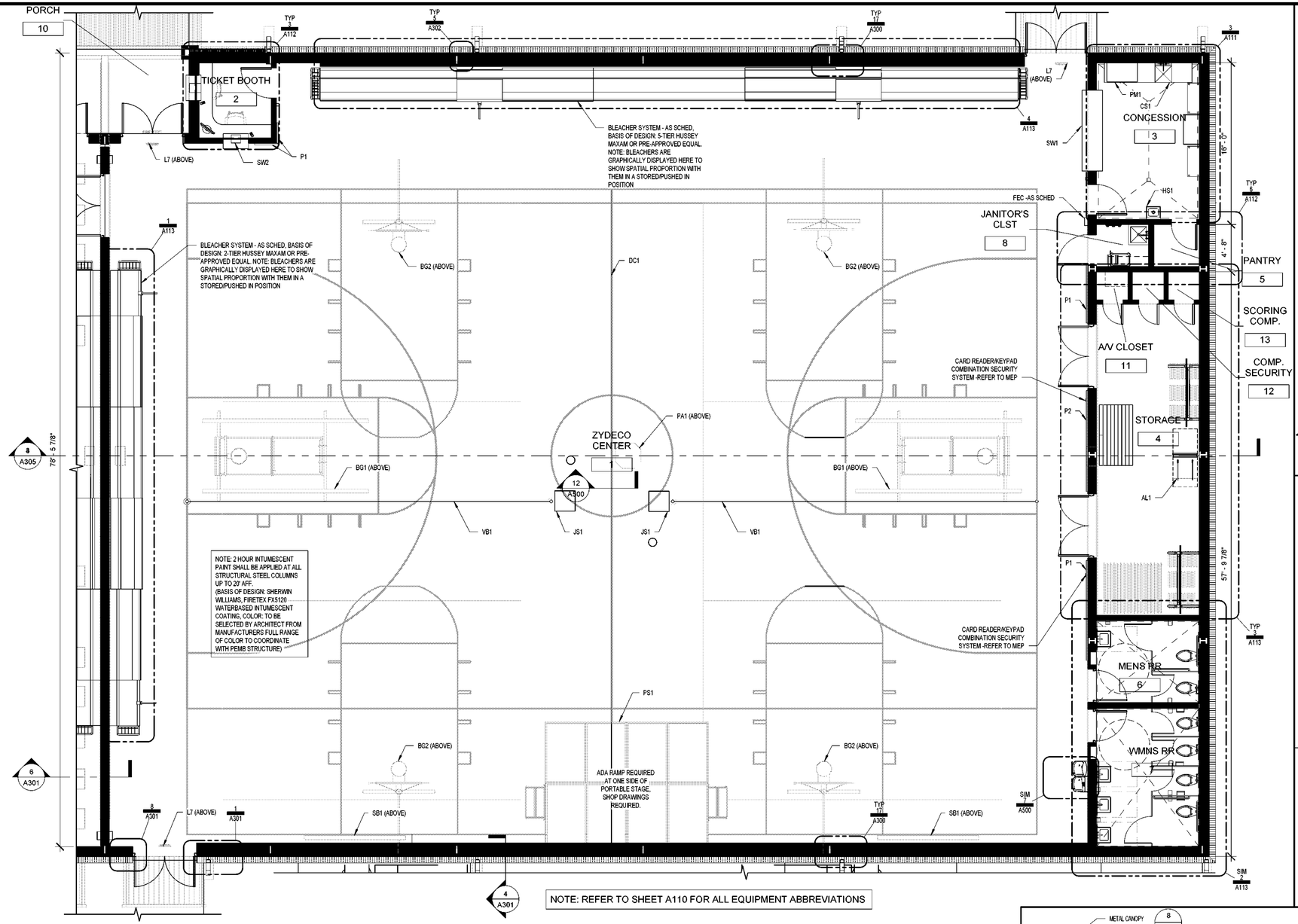
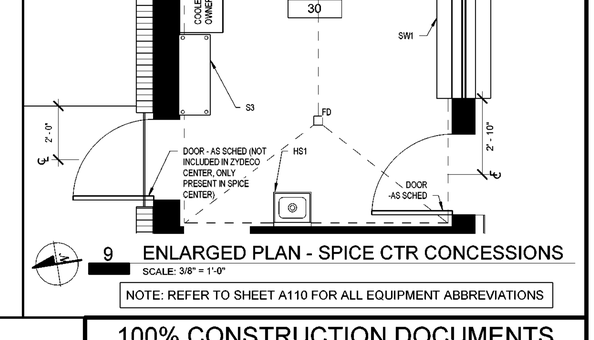


1 ENLARGED PLAN - ZYDECO CENTER

SCALE: 3/16" = 1'-0"

NOTE: REFER TO SHEET A110 FOR ALL EQUIPMENT ABBREVIATIONS



3 ENLARGED PLAN - ZYDECO CTR CONCESSIONS

SCALE: 3/8" = 1'-0"

NOTE: REFER TO SHEET A110 FOR ALL EQUIPMENT ABBREVIATIONS

9 ENLARGED PLAN - SPICE CTR CONCESSIONS

SCALE: 3/8" = 1'-0"

NOTE: REFER TO SHEET A110 FOR ALL EQUIPMENT ABBREVIATIONS

KEY PLAN - VIEWING ZYDECO

SCALE: 1" = 50'-0"

7 FAUX COLUMN - PLAN DTL (TYP)

SCALE: 1" = 1'-0"

6 ENLARGED PLAN - CLOSETS - (TYP)

SCALE: 1/2" = 1'-0"

5 ENLARGED PLAN - MAIN ENTRY

SCALE: 1/4" = 1'-0"

8 BRICK TO MTL PANEL - CALLOUT DTL (TYP)

SCALE: 1 1/2" = 1'-0"

DATE 8/20/2025 3:23:05 PM COPYRIGHT dbARCHITECTURE of ACADIANA, LLC

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ENLARGED FLOOR PLAN - ZYDECO CENTER

CITY OF OPELOUSAS

SOUTH CITY PARK CENTER

(TBD) S Market St, Opelousas, LA 70570 — St. Landry Parish

PROJECT ID: 20231117

db | ARCHITECTURE OF ACADIANA, LLC

TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

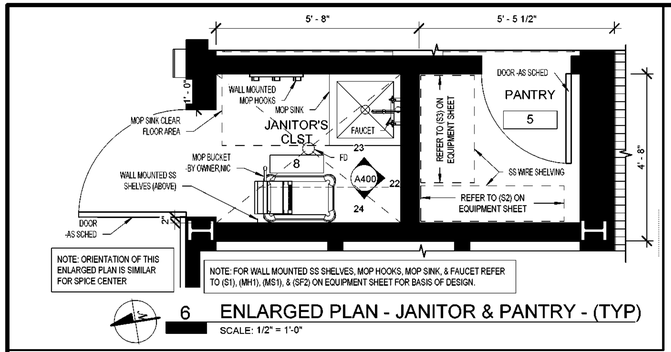
#	BY	DATE	REVISION

DAVID BEVERLY REG. NO. 7554 REGISTERED ARCHITECT 08/31/2025

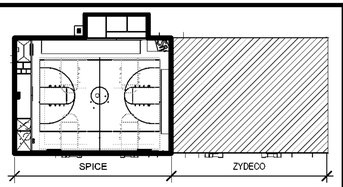
PROJECT NUMBER: 20231117

DATE: 01/17/2025

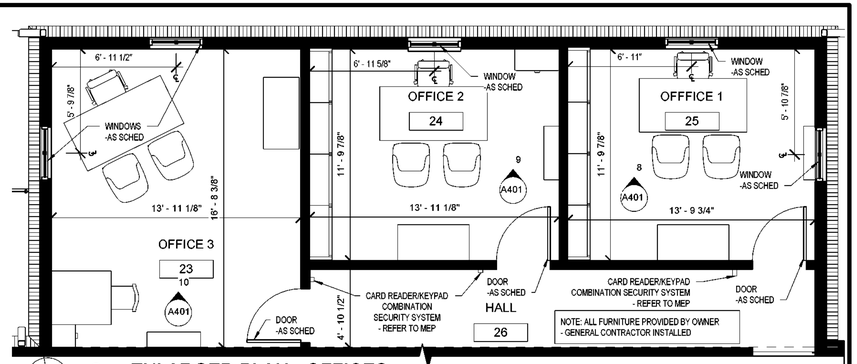
A111



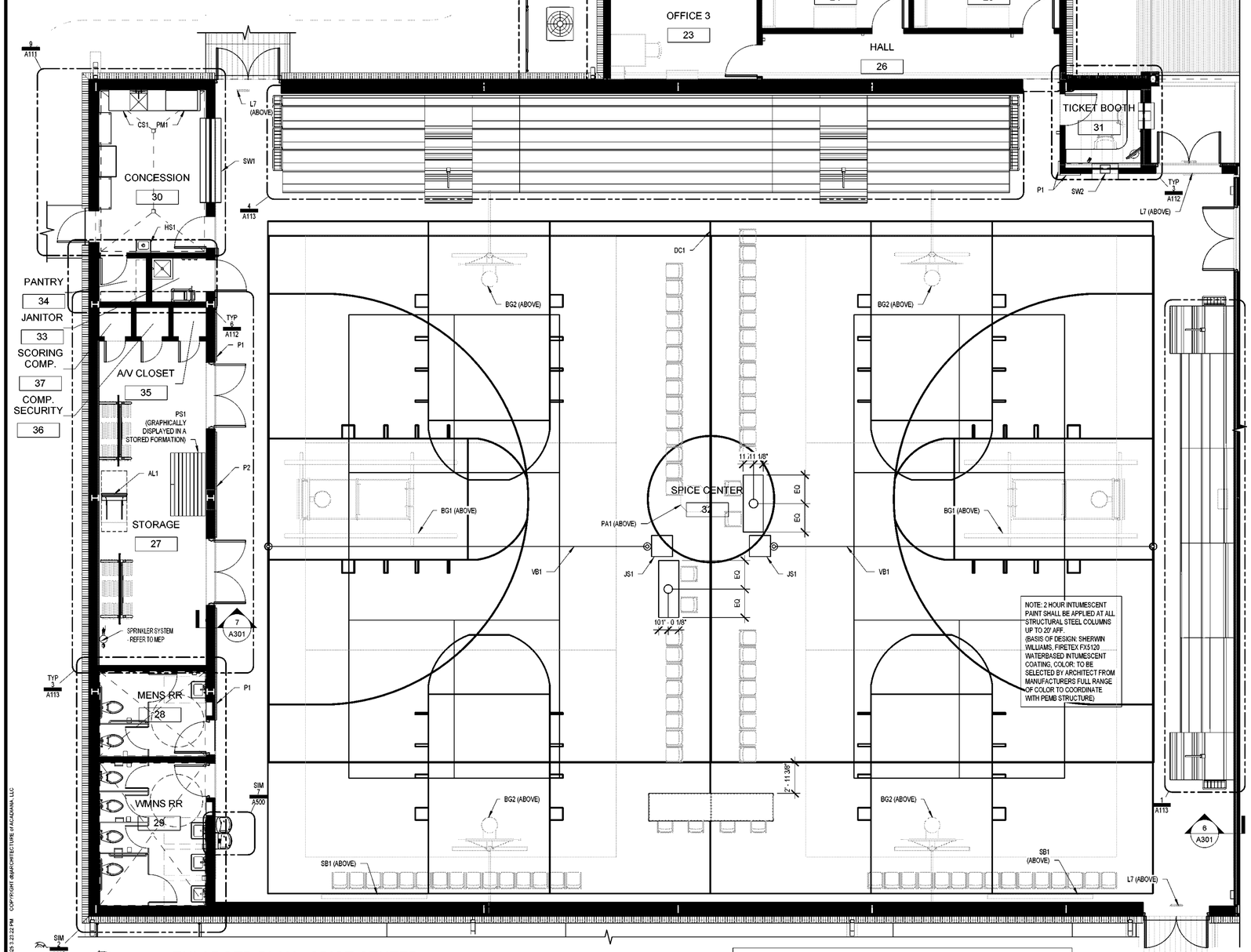
6 ENLARGED PLAN - JANITOR & PANTRY - (TYP)
SCALE: 1/2" = 1'-0"



KEY PLAN - VIEWING SPICE
SCALE: 1" = 50'-0"

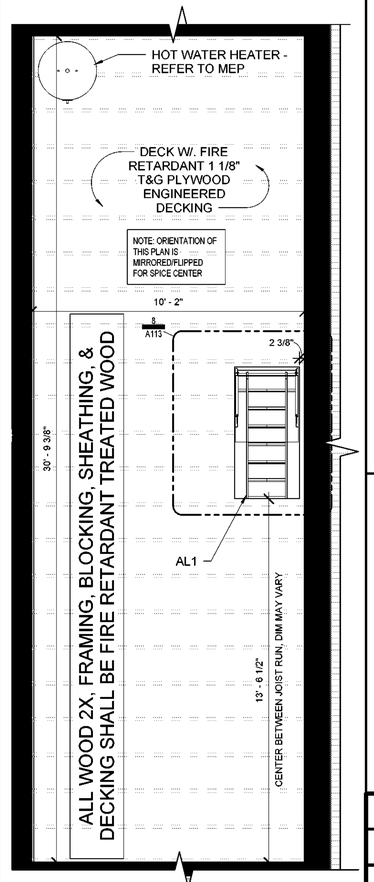


2 ENLARGED PLAN - OFFICES
SCALE: 1/4" = 1'-0"



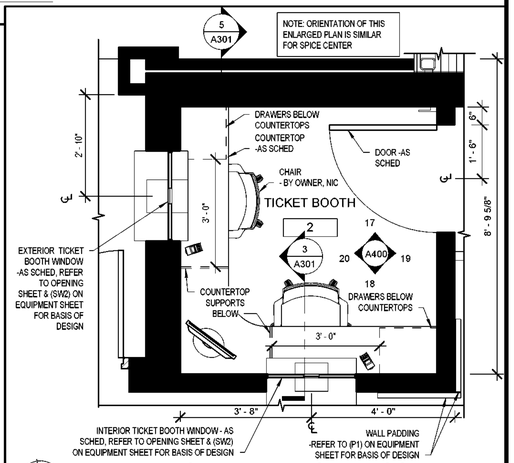
1 ENLARGED PLAN - SPICE CENTER
SCALE: 3/16" = 1'-0"

NOTE: REFER TO SHEET A110 FOR ALL EQUIPMENT ABBREVIATIONS

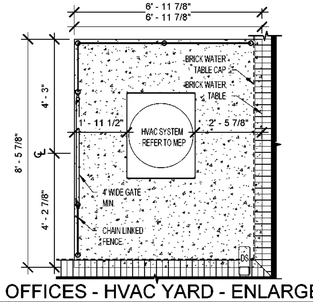


4 STORAGE ATTIC (TYP)
SCALE: 3/8" = 1'-0"

NOTE: ORIENTATION OF THIS ENLARGED PLAN IS SIMILAR FOR SPICE CENTER



3 ENLARGED PLAN - TICKET BOOTH - (TYP)
SCALE: 1/2" = 1'-0"



5 OFFICES - HVAC YARD - ENLARGED PLAN
SCALE: 3/8" = 1'-0"

100% CONSTRUCTION DOCUMENTS

ENLARGED FLOOR PLAN - SPICE CENTER

CITY OF OPELOUSAS

SOUTH CITY PARK CENTER

(TBD) S Market St, Opelousas, LA 70570 — St. Landry Parish

PROJECT ID: 20231117

db | ARCHITECTURE OF ACADIANA, LLC

TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

DAVID BEVERLY REG. NO. 31578 — REGISTERED ARCHITECT — 2025

PROJECT NUMBER: 20231117

DATE: 01/17/2025

A112

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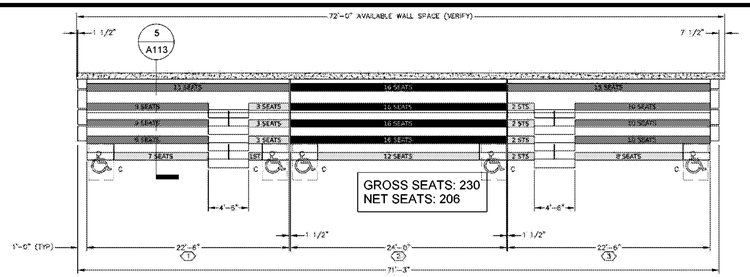
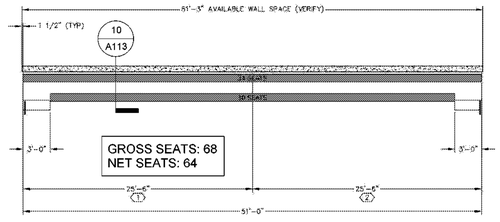


4 ZYDECO & SPICE CENTER -BLEACHERS -5 TIER PLAN

SCALE: 1/8" = 1'-0"



1 ZYDECO & SPICE CENTER -BLEACHERS -2 TIER PLAN

SCALE: 1/8" = 1'-0"

BLEACHER COLORS - ZYDECO CENTER		
#	NAME	LOCATION
452	SAND	BOTTOM & MIDDLE LEFT / RIGHT
156	TAN	TOP & FAR RIGHT / LEFT
983	BLACK	CENTER
BASIS OF DESIGN: HUSSEY MAXAM, COURTSIDE XC10		

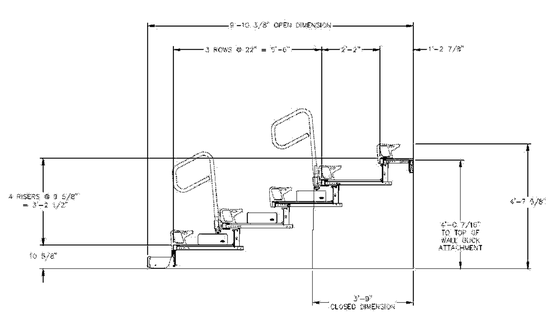
BLEACHER COLORS - SPICE CENTER		
#	NAME	LOCATION
452	SAND	BOTTOM & MIDDLE LEFT / RIGHT
156	TAN	TOP & FAR RIGHT / LEFT
983	BLACK	CENTER
BASIS OF DESIGN: HUSSEY MAXAM, COURTSIDE XC10		

BLEACHER COUNT - ZYDECO CENTER		
NAME	GROSS	NET
5 TIER SET	230	206
2 TIER SET	68	64
TOTAL	298	270
BASIS OF DESIGN: HUSSEY MAXAM, COURTSIDE XC10		

BLEACHER COUNT - SPICE CENTER		
NAME	GROSS	NET
5 TIER SET	230	206
2 TIER SET	68	64
TOTAL	298	270
BASIS OF DESIGN: HUSSEY MAXAM, COURTSIDE XC10		

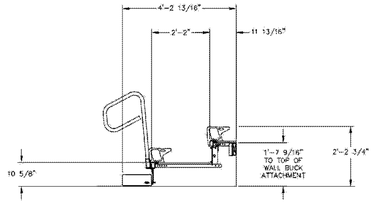
BLEACHER LEGEND

- SELF STORING RAILED END (SEE DETAIL)
- INDICATES SECTION NUMBER FOR BANK
- FOOT LEVEL AISLE
- AISLE HAND RAIL
- AISLE STEP
- WHEELCHAIR ACCESS SPACE (36" W x 48" D)
- C — COMPANION SEAT (18" W)
- C — COMPANION SPACE (24" W)
- TELESCOPIC SEATING IN CLOSED POSITION
- POWER SUPPLY (WALL MOUNTED)
- PENDANT CONTROL
- END PANEL



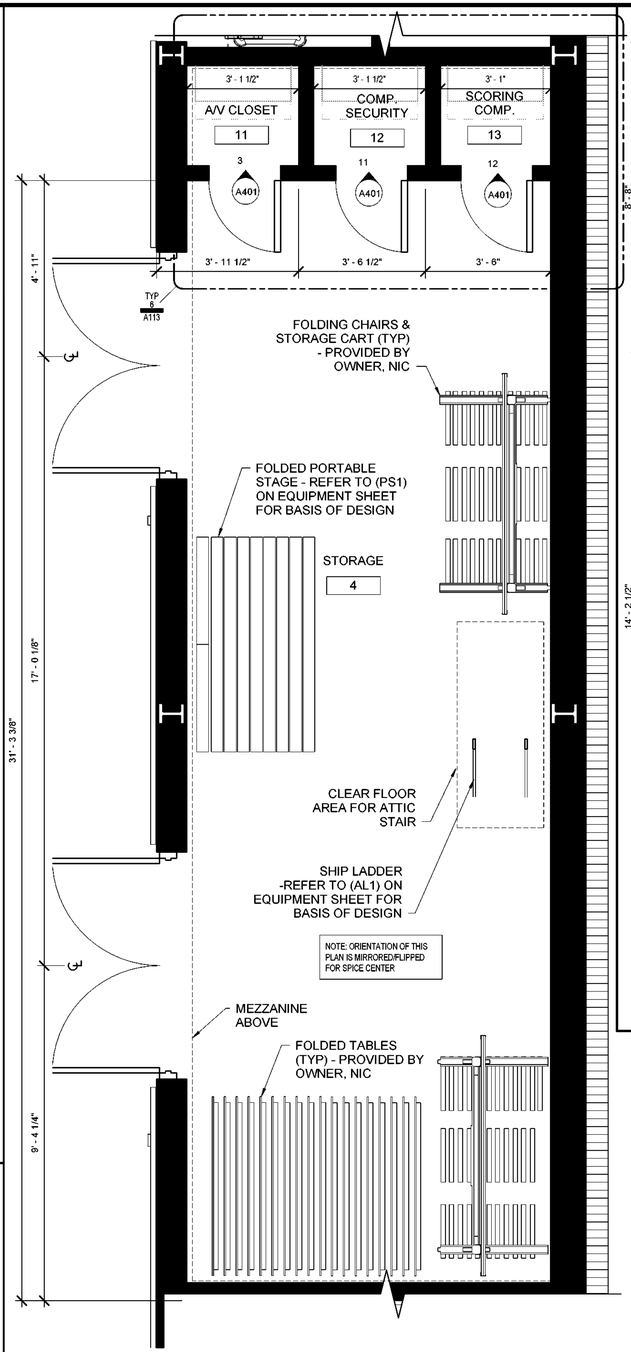
5 BLEACHERS - 5 TIER - SECTION - (TYP)

SCALE: 3/8" = 1'-0"



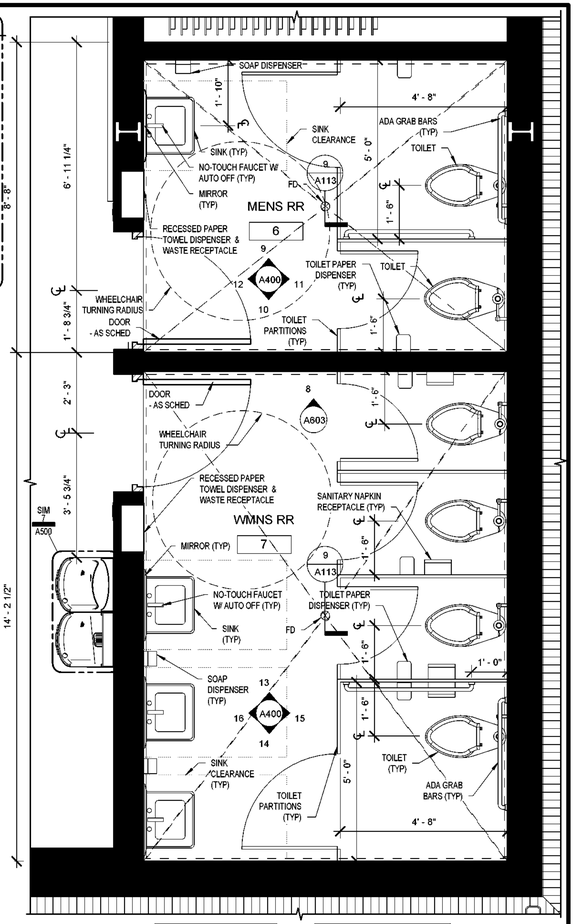
10 BLEACHERS - 2 TIER - SECTION - (TYP)

SCALE: 3/8" = 1'-0"



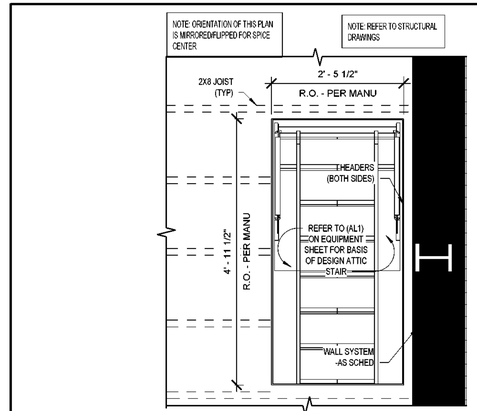
3 ENLARGED PLAN - STORAGE

SCALE: 1/2" = 1'-0"



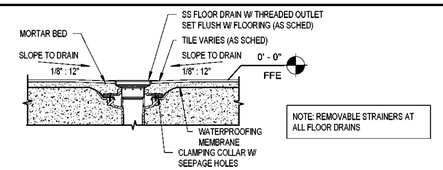
2 ENLARGED PLAN - RESTROOMS - (TYP)

SCALE: 1/2" = 1'-0"



8 STORAGE ATTIC (TYP) - STAIR FRAMING PLAN

SCALE: 3/4" = 1'-0"



9 FLOOR DR (TYP)

SCALE: 1 1/2" = 1'-0"

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ENLARGED PLANS

CITY OF OPELOUSAS

SOUTH CITY PARK CENTER

(TBD) S Market St, Opelousas, LA 70570 — St. Landry Parish

PROJECT ID: 20231117

db | ARCHITECTURE OF ACADIANA, LLC

TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

DAVID BEVERLY REG. NO. 7503 REGISTERED ARCHITECT STATE OF LOUISIANA 01/17/2025

PROJECT NUMBER: 20231117

DATE: 01/17/2025

A113

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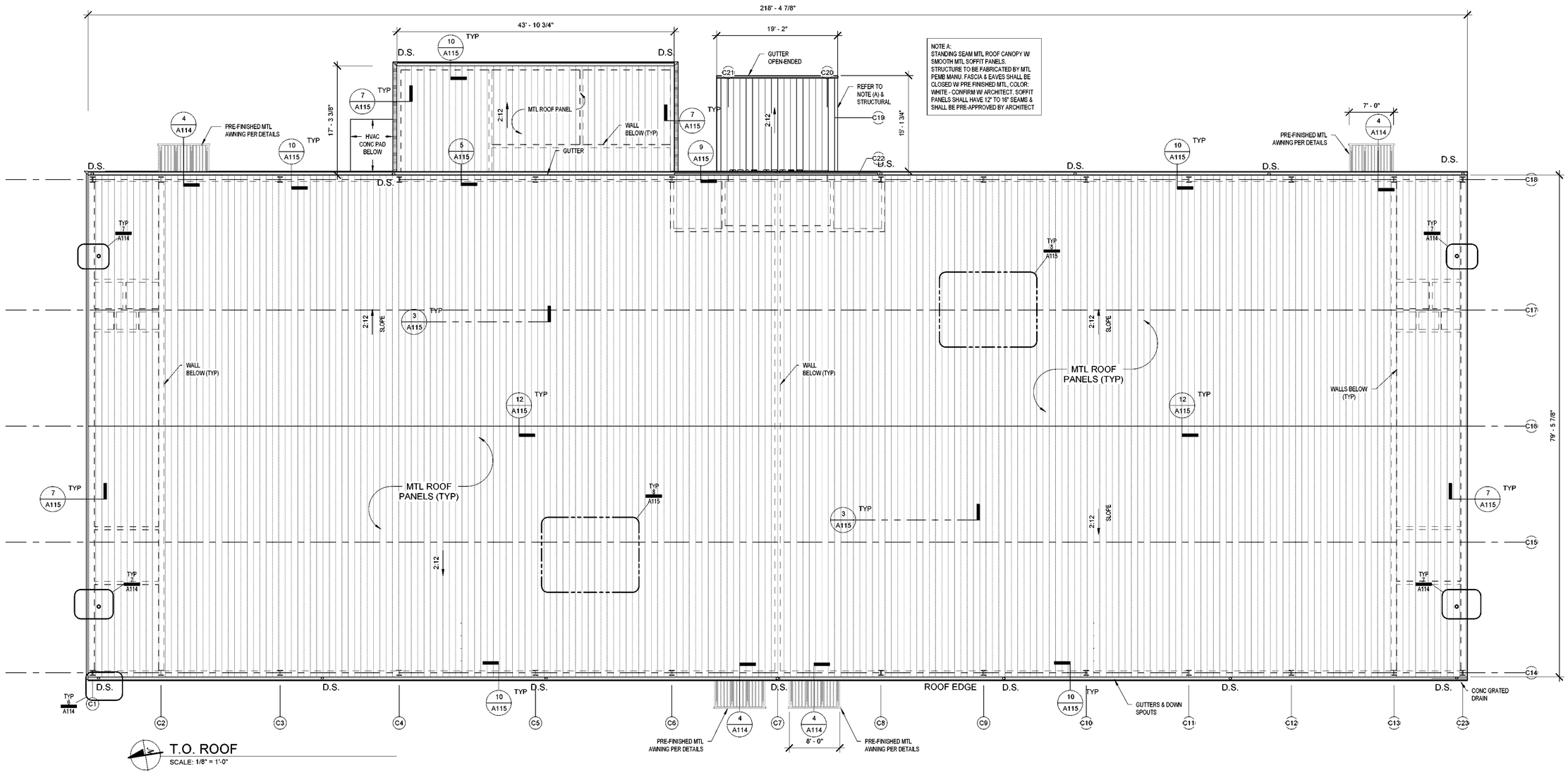
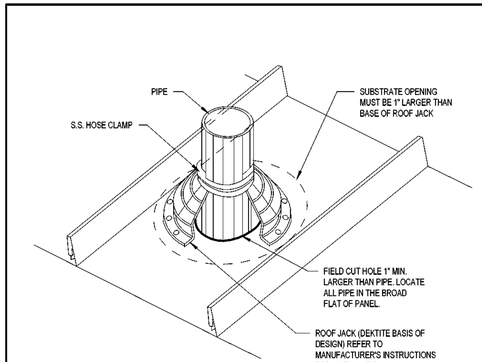
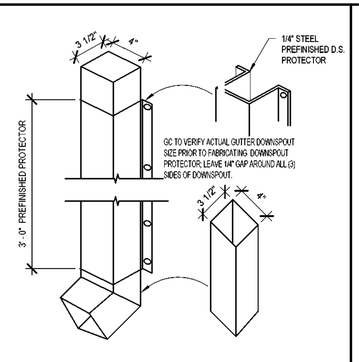


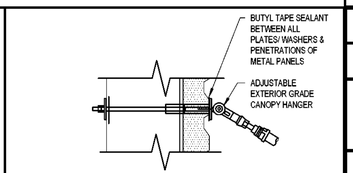
T.O. ROOF
SCALE: 1/8" = 1'-0"



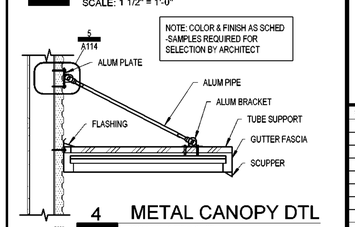
7 ROOF - PIPE PENETRATION DTL (TYP)
1 1/2" = 1'-0"



6 DOWNSPOUT PROTECTOR
SCALE: 1 1/2" = 1'-0"



5 CANOPY ATTACHMENT DTL
SCALE: 1 1/2" = 1'-0"



4 METAL CANOPY DTL
SCALE: 1/2" = 1'-0"

NOTES:
1. ALL NEW FLASHING, ETC SHALL BE PAINTED WITH KYNAR 500, HYLAR 5000, OR EQUAL FOR PREFINISHED METAL
2. ALL EXHAUST FANS & MISC. SHALL RECEIVE CRICKETS PER PLANS.

100% CONSTRUCTION DOCUMENTS

ROOF PLAN

CITY OF OPELOUSAS

SOUTH CITY PARK CENTER

(TBD) S Market St. Opelousas, LA 70570 — St. Landry Parish

PROJECT ID: 20231117

db | ARCHITECTURE OF ACADIANA, LLC

TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

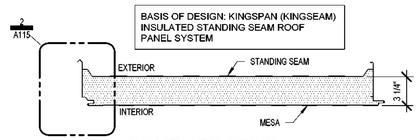
DAVID BEVERLY REG. NO. 7504 REGISTERED ARCHITECT 01/17/2025

PROJECT NUMBER: 20231117

DATE: 01/17/2025

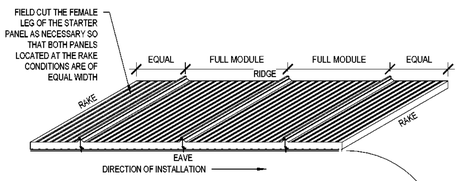
A114

DATE 5/2/2025 2:23:04 PM COPYRIGHT ©DBARCHITECTURE of ACADIANA, LLC



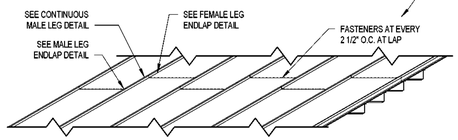
3 PANEL PROFILE

SCALE: 1 1/2" = 1'-0"



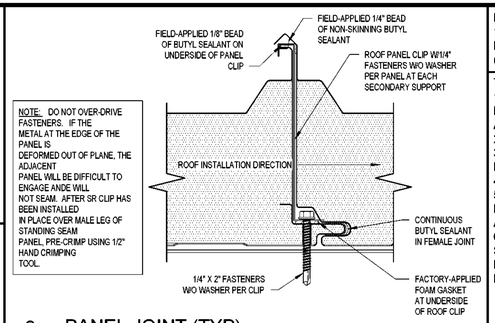
8 PANEL JOINT LAYOUT - ISO VIEW (TYP)

SCALE: 1 1/2" = 1'-0"



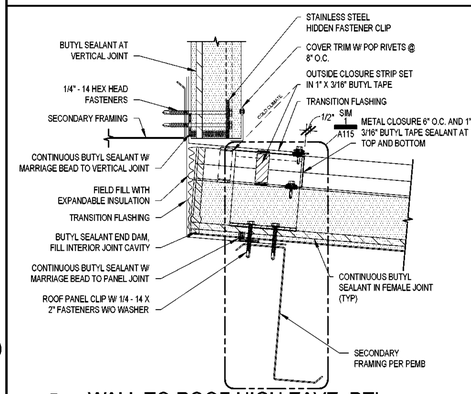
4 STAGGERED ENDLAP ASSEMBLY - ISO VIEW (TYP)

SCALE: 1 1/2" = 1'-0"



2 PANEL JOINT (TYP)

SCALE: 1 1/2" = 1'-0"



5 WALL TO ROOF HIGH EAVE_DTL

SCALE: 1 1/2" = 1'-0"

METALS:
1. ALL METAL EDGING AND FLASHING SHALL MATCH ADJACENT WALL & ROOF IN COLOR & QUALITY, STL CONFORMING TO SHAPES AS NEEDED. (VERIFY COLOR W/ ARCHITECT)

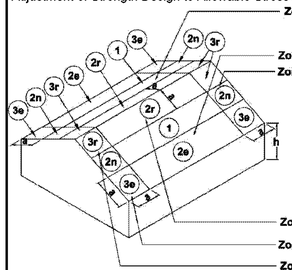
THERMAL & MOISTURE PROTECTION:
1. PROVIDE PREFINISHED STL FOR FLASHING, AND METAL EDGING TO MATCH ADJACENT ROOF. PANELS OR WALL PANELS. (VERIFY COLOR WITH ARCHITECT)
2. PROVIDE MTL ROOF
3. ALL EXTERIOR WALLS SHALL RECEIVE FIBERGLASS BATT INSULATION BETWEEN STUDS.
4. METAL BUILDING INSULATION AND VAPOR BARRIER
5. ALL SEALANTS SHALL BE HIGH QUALITY RUBBERIZED LATEX OR ELASTOMERIC SEALANTS WHICH WILL REMAIN PLIABLE FOR 10 YEARS MIN. APPLY ACCORDING TO MANUFACTURER'S INSTRUCTIONS.
6. ALL CLIPS, HURRICANE TIES, AND OTHER STEEL STRUCT COMPONENTS SHALL BE INSTALLED PER MANUF DIRECTIONS, INCLUDING, BUT NOT LIMITED TO, INSTALLING ALL NAILS & FASTENERS AT ALL OPEN NAIL OR BOLT HOLES

BUILDING & ROOF AREA INFORMATION

Roof Area Dimensions (feet):	218 x 80
Mean Roof Height (feet):	25.0
Roof Slope:	Gable: 1½:12 to 4:12
Parapet(s) (minimum 36 inches high):	No
Building Configuration	Enclosed
Exposure:	B
Risk Category:	III
Basic Wind Speed (three-second peak gust, mph):	130 from ASCE 7-16, Figure 26.5-1C Basic Wind Speed
Roof Deck Type:	Steel Deck
Roof Covering Type:	Metal Panels: steel or aluminum

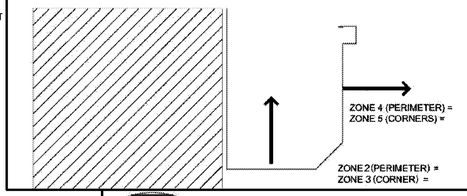
DESIGN WIND LOADS

Adjustment of Strength Design to Allowable Stress Design (ASD):



MINIMUM RECOMMENDED DESIGN UPLIFT-RESISTANCE CAPACITIES

TESTED RESISTANCE LOAD CAPACITIES OF GUTTERS

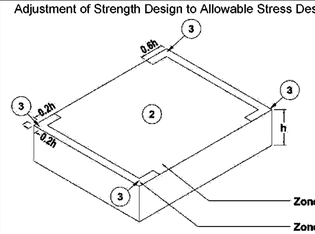


BUILDING & ROOF AREA INFORMATION

Roof Area Dimensions (feet):	44 x 18
Mean Roof Height (feet):	20.0
Roof Slope:	Flat: 1½:12 or less
Parapet(s) (minimum 36 inches high):	No
Building Configuration	Enclosed
Exposure:	B
Risk Category:	III
Basic Wind Speed (three-second peak gust, mph):	130 from ASCE 7-16, Figure 26.5-1C Basic Wind Speed
Roof Deck Type:	Steel Deck
Roof Covering Type:	Metal Panels: steel or aluminum

DESIGN WIND LOADS

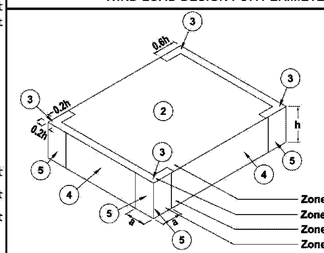
Adjustment of Strength Design to Allowable Stress Design (ASD):



Minimum Recommended Design Uplift-resistance Capacities

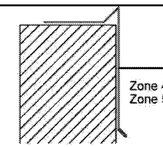
Zone1'	22.8 pounds per square foot
Zone1	39.8 pounds per square foot
Zone2	52.5 pounds per square foot
Zone3	71.6 pounds per square foot

WIND LOAD DESIGN FOR PERIMETER EDGE METAL

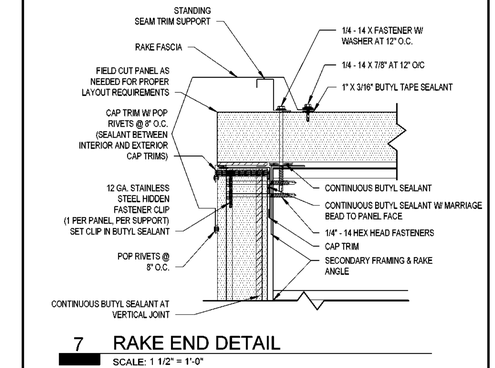


Minimum Recommended Design Wind-resistance Loads

TESTED RESISTANCE LOAD CAPACITIES OF PERIMETER EDGE METAL

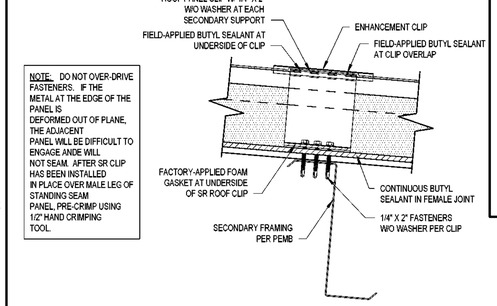


RE-2, "Test Method for Dependently or Independently Terminated Roof Membrane Systems."



7 RAKE END DETAIL

SCALE: 1 1/2" = 1'-0"



1 PANEL JOINT AT INTERMEDIATE SUPPORT - TYP

SCALE: 1 1/2" = 1'-0"

Downspout & Gutter Sizing Reports

Project Name: OPELOUSAS PARK CENTER

Rainfall Intensity (in/hr): 10.9
Based on rainfall averages in New Orleans, LOUISIANA (100 years)

Roof Rainfall Design Area (ft²): 4,365.00
* Area of Largest Roof Serving a Single Gutter System
Dimensions based on design area wizard calculations

Gutter in Lineal Ft: 109
* Length at Largest Roof Serving a Single Gutter System

Gutter Length Serving Single DS (ft.): 28
*Assumption: downspouts are equally spaced
**Maximum gutter length to be served by a downspout is 50ft per SMACNA ASNM

M (depth to width ratio): 0.75

Min. Gutter Width (in.): 7 [Rectangular]

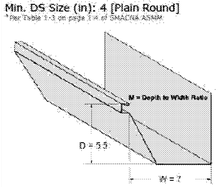
Min. Gutter Depth (in.): 5.5

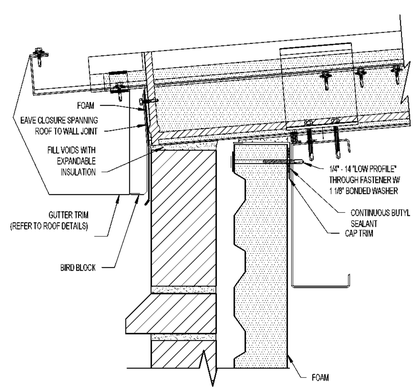
# of Downspouts: 4

Additional Downspouts: 1
*to reduce size of gutter and downspouts additional downspouts can be added

Min. Area per DS (in²): 9.92

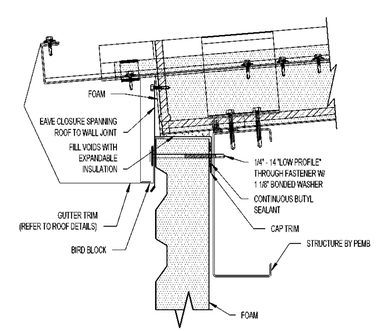
Min. DS Size (in): 4 [Plain Round]
*Per Table 1-3 on page 1-14 of SMACNA ASNM





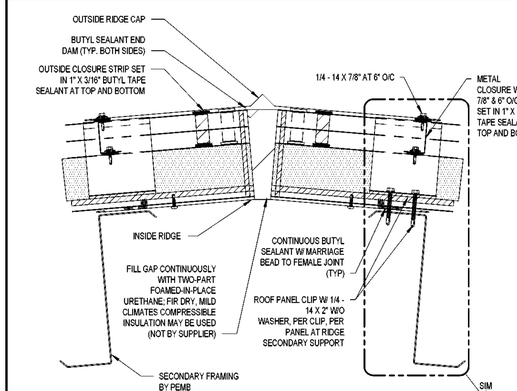
9 WALL TO ROOF DETAIL @ BRICK VENEER

SCALE: 3" = 1'-0"



10 WALL TO ROOF DETAIL (TYP)

SCALE: 3" = 1'-0"



12 RIDGE CAP - DTL

SCALE: 1 1/2" = 1'-0"

100% CONSTRUCTION DOCUMENTS

ROOF DETAILS

CITY OF OPELOUSAS

SOUTH CITY PARK CENTER

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ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

DAVID BEVERLY REG. NO. 7509 REGISTERED ARCHITECT STATE OF LOUISIANA 01/17/2025

PROJECT NUMBER: 20231117

DATE: 01/17/2025

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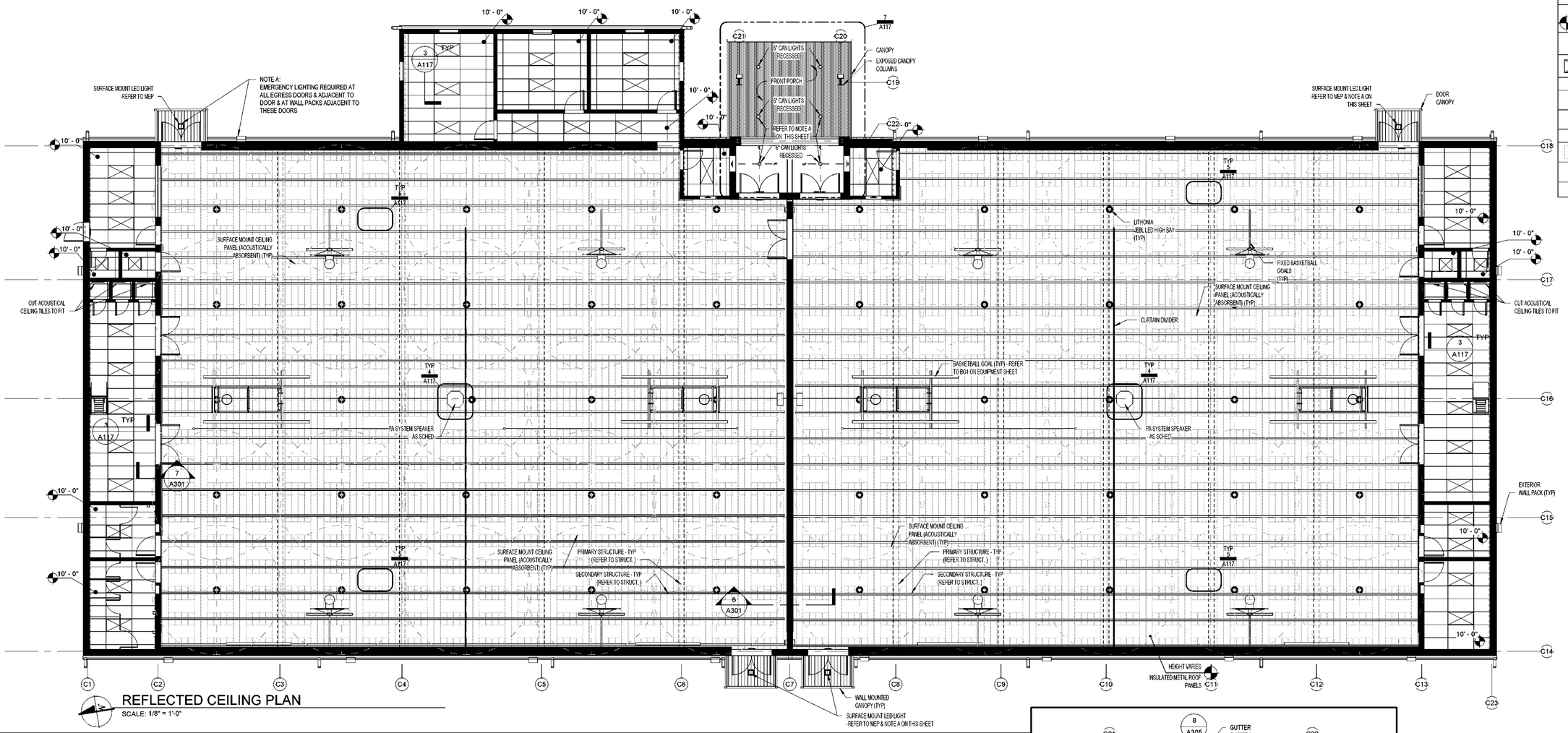
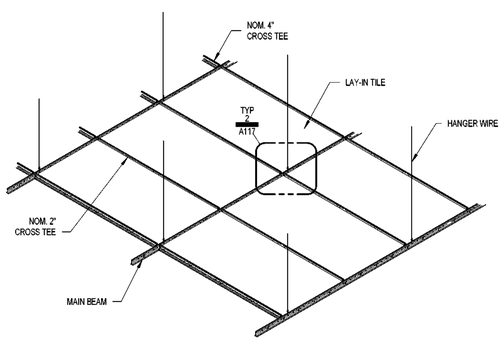
CEILING LEGEND

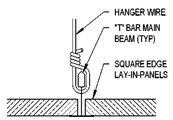
ACT 10' - 0"	INDICATES CEILING TYPE INDICATES CEILING HEIGHT
	2' x 2' RECESSED LED FIXTURE, ELECTRONIC BALLAST
	2' x 4' RECESSED LED FIXTURE, ELECTRONIC BALLAST
	EXHAUST FAN
	HVAC SUPPLY
	HVAC RETURN
	HIGH BAY LIGHT FIXTURE
	ACOUSTICAL CEILING PANELS -REFER TO EQUIPMENT SHEET FOR BASIS OF DESIGN
	SQUARE LED CANOPY LIGHT
	RECESSED CAN LIGHT



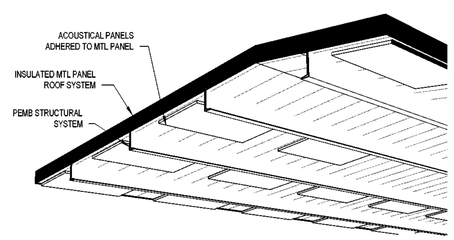
REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"



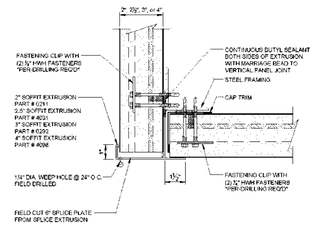
3 CEILING - ACT STRUCTURE (TYP)
SCALE: 1/2" = 1'-0"



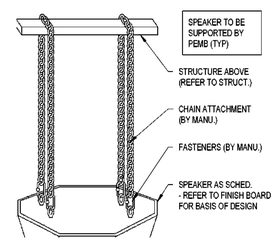
2 CEILING-PANEL DETAIL (TYP)
SCALE: 3" = 1'-0"



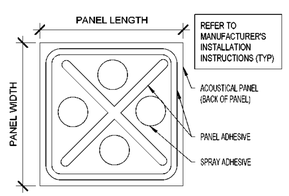
6 ACOUSTICAL CEILING PANEL - PERSPECTIVE DTL
SCALE:



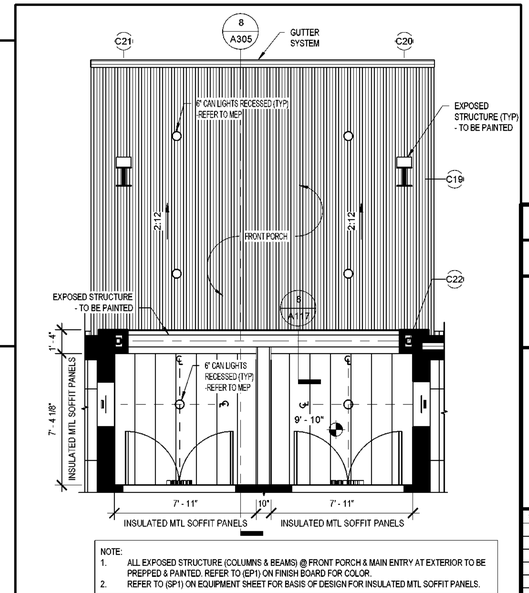
8 SOFFIT TO FASCIA DTL
SCALE:NTS



4 SPEAKER ATTACHMENT DTL (TYP)
SCALE: 1/2" = 1'-0"



5 ACOUSTICAL PANEL ADHESIVE DTL (TYP)
SCALE: 1" = 1'-0"



NOTE:
1. ALL EXPOSED STRUCTURE (COLUMNS & BEAMS) @ FRONT PORCH & MAIN ENTRY AT EXTERIOR TO BE PREPPED & PAINTED. REFER TO (EP1) ON FINISH BOARD FOR COLOR.
2. REFER TO (SP1) ON EQUIPMENT SHEET FOR BASIS OF DESIGN FOR INSULATED MTL SOFFIT PANELS.

7 RCP ENLARGED - MAIN ENTRY
SCALE: 1/4" = 1'-0"

100% CONSTRUCTION DOCUMENTS

REFLECTED CEILING PLANS

CITY OF OPELOUSAS

SOUTH CITY PARK CENTER

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#	BY	DATE	REVISION

DAVID BEVERLY REG. NO. 7525 REGISTERED ARCHITECT

PROJECT NUMBER: 20231117

DATE: 01/17/2025

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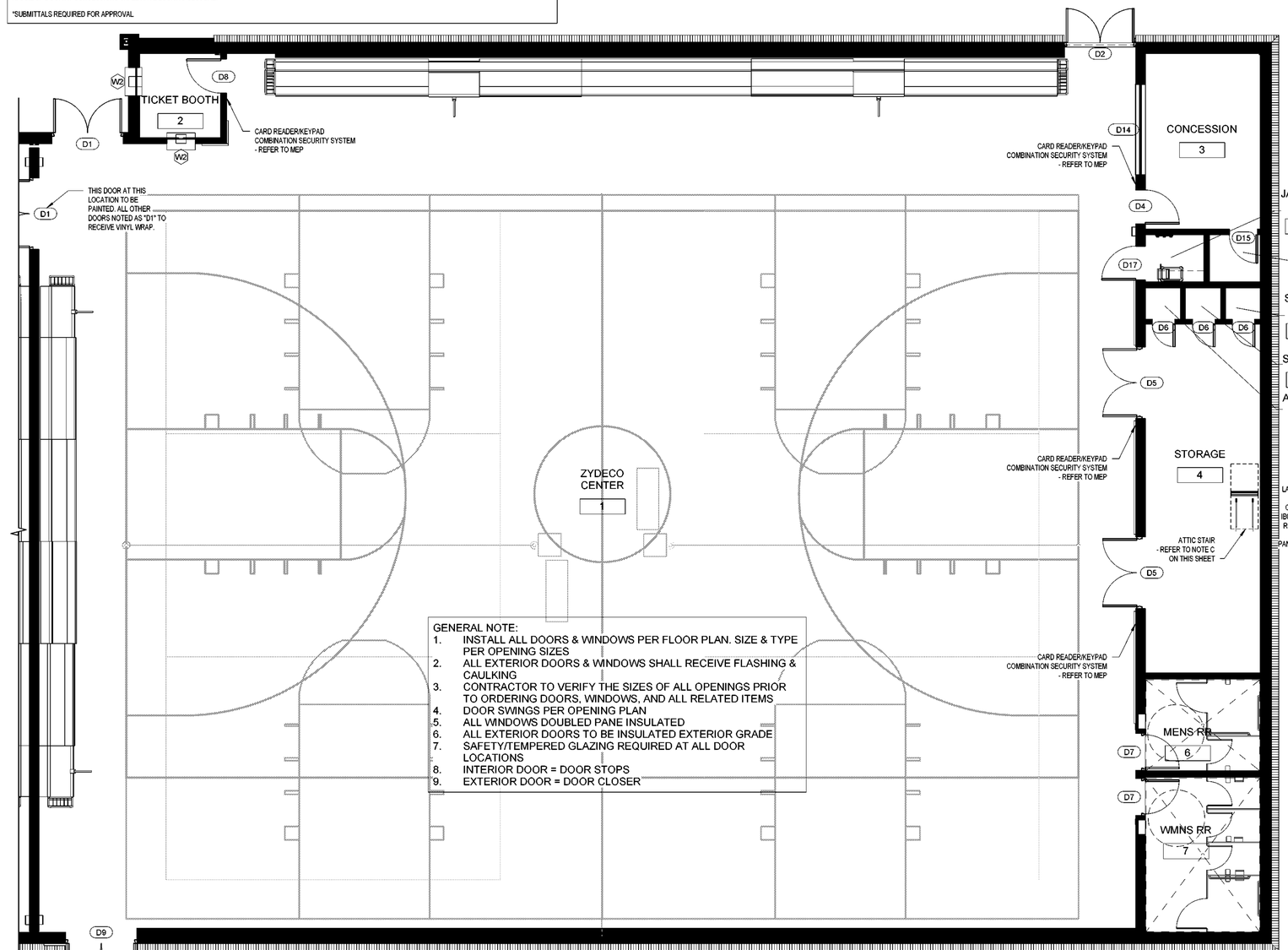
DOOR SCHEDULE

Mark	Door Type	Type	Function	Count	DOOR WIDTH	DOOR HEIGHT	ROUGH WIDTH	ROUGH HEIGHT	THICK	DOOR GLASS	TYPE COMMENTS	DOOR FINISH	DOOR MATERIAL	FRAME TYPE	FRAME FINISH	DETAILS HEAD	DETAILS JAMB	DETAILS SILL	SILL MATERIAL	SILL FINISH	HDW GROUP	REMARKS	Kick Plate	Construction Type	NOTE
D1	TYPE C	HOLLOW METAL DBL DOOR - EXTERIOR	Exterior	3	6' - 0"	7' - 0"	6' - 1/4"	7' - 1/4"	0' - 1 3/4"	TEMPERED - BRONZE	HM	VINYL WRAP	HM	HM	VINYL WRAP			8/A119	ALUM	MILL	NO.2	QTY 1 DOOR TO BE PAINTED ON SITE (REFER TO NOTE E & OPENING PLAN ON THIS SHEET)	YES	HM - INSULATED	G,H,I
D2	TYPE C	HOLLOW METAL DBL DOOR - EXTERIOR	Exterior	2	6' - 0"	7' - 0"	6' - 1/4"	7' - 1/4"	0' - 1 3/4"	TEMPERED - BRONZE	HM	PAINT	HM	HM	PAINT			8/A119	ALUM	MILL	NO.1	PAINT ON SITE	YES	HM - INSULATED	E,G,H,I
D4	TYPE A	HOLLOW METAL DOOR - CONCESSION	Interior	2	3' - 0"	7' - 0"	3' - 1/4"	7' - 1/4"	0' - 1 3/4"	NO	HM	PAINT	HM	HM	PAINT	6/A119	5/A119	N/A	N/A	-	NO. 4	PAINT ON SITE & 4/A118	NO	HM	B,E,F
D5	TYPE E	HOLLOW METAL DBL DOOR - STORAGE	Interior	4	6' - 0"	7' - 0"	6' - 1/4"	7' - 1/4"	0' - 1 3/4"	NO	HM	PAINT	HM	HM	PAINT	6/A119	5/A119	N/A	N/A	-	NO.3	PAINT ON SITE & 4/A118	YES	HM	B,E,F
D6	TYPE G	HOLLOW METAL DOOR - AV, SCORING, & COMP	Interior	6	2' - 0"	7' - 0"	2' - 6 1/4"	7' - 1/4"	0' - 2"	NO	HM	PAINT	HM	HM	PAINT	6/A119	5/A119	N/A	N/A	-	NO.6	PAINT ON SITE	YES	HM	E,F
D7	TYPE D	HOLLOW METAL DOOR - RESTROOMS	Interior	4	3' - 0"	7' - 0"	3' - 1/4"	7' - 1/4"	0' - 1 3/4"	NO	HM	PAINT	HM	HM	PAINT	6/A119	5/A119	N/A	N/A	-	NO.5	PAINT ON SITE	YES	HM	E,F
D8	TYPE B	HOLLOW METAL DOOR - TICKET BOOTH & OFFICES	Interior	5	3' - 0"	7' - 0"	3' - 1/4"	7' - 1/4"	0' - 1 3/4"	TEMPERED - CLEAR	HM	PAINT	HM	HM	PAINT	6/A119	5/A119	N/A	N/A	-	NO.4	PAINT ON SITE & 4/A118	NO	HM	B,E,F
D9	TYPE F	HOLLOW METAL DBL DOOR - EXTERIOR	Exterior	2	6' - 0"	7' - 0"	6' - 1/4"	7' - 1/4"	0' - 1 3/4"	NO	HM	PAINT	HM	HM	PAINT			8/A119	ALUM	MILL	NO.1	PAINT ON SITE	YES	HM - INSULATED	E,G,H,I
D10	TYPE H	HOLLOW METAL DOOR - CONCESSION EXIT	Exterior	1	3' - 0"	7' - 0"	3' - 1/4"	7' - 1/4"	0' - 1 3/4"	NO	HM	PAINT	HM	HM	PAINT	6/A119	5/A119	8/A119	ALUM	-	NO.4	PAINT ON SITE	YES	HM - INSULATED	E,G,I
D14	TYPE K	CONCESSION - COIL UP DOOR	Interior	2	8' - 0"	4' - 6"	8' - 1/4"	<varies>	0' - 1"	NO	ALUMINUM SLAT	ANODIZED	ALUMINUM	-	-	14/A119	15/A119	16/A119	-	-	-	REFER TO EQUIPMENT SHEET	N/A	REFER TO SHOP DRAWINGS	K
D15	TYPE J	HOLLOW METAL DOOR - PANTRY	Interior	2	2' - 6"	7' - 0"	3' - 1/4"	7' - 1/4"	0' - 1 3/4"	NO	HM	PAINT	HM	HM	PAINT	6/A119	5/A119	N/A	N/A	-	NO.6	PAINT ON SITE	NO	HM	E,F
D17	TYPE A	HOLLOW METAL DOOR - JANITOR'S	Interior	2	3' - 0"	7' - 0"	3' - 1/4"	7' - 1/4"	0' - 1 3/4"	NO	HM	PAINT	HM	HM	PAINT	6/A119	5/A119	N/A	N/A	-	NO. 6	PAINT ON SITE	NO	HM	B,E,F

WINDOW #	COUNT	WINDOW TYPE	WINDOW FRAME WIDTH	WINDOW FRAME HEIGHT	R.O. WIDTH	R.O. HEIGHT	HEAD HEIGHT	SILL HEIGHT	FRAME MATERIAL	FRAME COLOR (INT)	FRAME COLOR (EXT)	HARDWARE FINISH	DETAILS HEAD	DETAILS SILL	DETAILS JAMB	GLAZING TYPE	TYPE COMMENTS	BASIS OF DESIGN	SCREEN	REMARKS	NOTE
W1	5	W1	3' - 0"	6' - 7"	3' - 1/4"	6' - 7 1/2"	9' - 9 1/4"	3' - 2 1/4"	ALUMINUM	PAINT BLACK	PAINT BLACK	ALUMINUM	10/A119	17/A119	3/A119	TEMPERED-BRONZE	ALUMINUM	SEE NOTES	N	N/A	A,D
W2	4	W2	3' - 0"	2' - 6"	3' - 1"	2' - 6 1/4"	5' - 10 1/4"	3' - 4 1/4"	ALUMINUM	SATIN ANODIZED	SATIN ANODIZED	SATIN ANODIZED	13 & 10/A119	111 & 7/A119	9 & 12/A119	TEMPERED-CLEAR	REFER TO MANU	REFER TO (SW2) ON EQUIPMENT SHEET	N	N/A	D,J

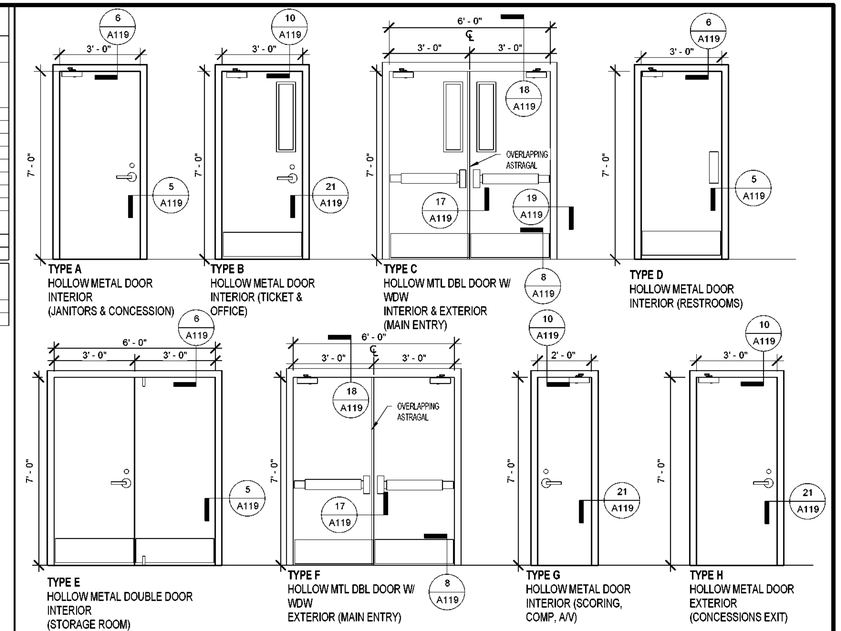
NOTE:
A. BASIS OF DESIGN: OLDCASTLE SERIES 3000 (2" X 4 1/2")
B. SOME DOORS REQUIRE CARD READER/KEYPAD COMBINATION SECURITY SYSTEMS - REFER TO MEP, ARCHITECTURAL OPENING PLANS, & 4/A118 FOR LOCATIONS & QUANTITIES
C. QTY. (2) ATTIC STAIRS - REFER TO 4/A112 & MANU FOR ROUGH OPENING & FRAMING REQUIREMENTS.
D. FACTORY FINISHED & FACTORY PAINTED, ALL WINDOWS.
E. ALL DOORS & FRAMES TO BE FACTORY PRIMED & SITE PAINTED (BASIS OF DESIGN: BANJAMIN MOORE HC-190)
F. INTERIOR DOORS = STANDARD DUTY
G. EXTERIOR DOORS = EXTERIOR DOORS = HEAVY DUTY
H. DOOR ASTRAGALS REQUIRED AT DOUBLE EXTERIOR DOORS FOR SECURITY & WEATHER TIGHTNESS
I. EXTERIOR DOORS & FRAMES SHALL BE INSULATED, POLYISO IN DOOR & MINERAL FIBER IN FRAMES.
J. CASHIER/TRANSACTION WINDOW AT EXTERIOR LOCATIONS SHALL HAVE LOCKING CLOSURE AT PASS-THROUGH HOLE.
K. COIL UP DOOR AT CONCESSIONS SHALL HAVE LOCKING CLOSURE.

*SUBMITTALS REQUIRED FOR APPROVAL

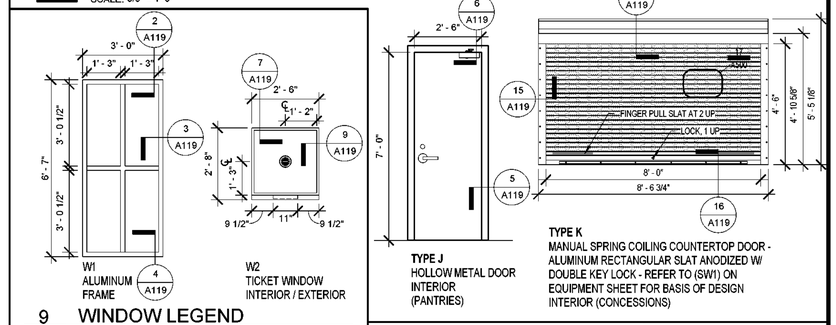


GENERAL NOTE:
1. INSTALL ALL DOORS & WINDOWS PER FLOOR PLAN. SIZE & TYPE PER OPENING SIZES
2. ALL EXTERIOR DOORS & WINDOWS SHALL RECEIVE FLASHING & CAULKING
3. CONTRACTOR TO VERIFY THE SIZES OF ALL OPENINGS PRIOR TO ORDERING DOORS, WINDOWS, AND ALL RELATED ITEMS
4. DOOR SWINGS PER OPENING PLAN
5. ALL WINDOWS DOUBLED PANE INSULATED
6. ALL EXTERIOR DOORS TO BE INSULATED EXTERIOR GRADE
7. SAFETY/TEMPERED GLAZING REQUIRED AT ALL DOOR LOCATIONS
8. INTERIOR DOOR = DOOR STOPS
9. EXTERIOR DOOR = DOOR CLOSER

OPENING PLAN
SCALE: 3/16" = 1'-0"



3 DOOR TYPES
SCALE: 3/8" = 1'-0"

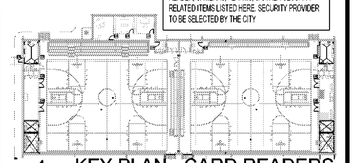


9 WINDOW LEGEND
SCALE: 3/8" = 1'-0"

DOOR HARDWARE GROUPS		
QUANTITY	DESCRIPTION	FINISH
HOLLOW METAL DOUBLE DOOR (EXIT ONLY)		HARDWARE SET NO. 1
6	HINGES	STAINLESS STEEL
2	THRESHOLD	ALUMINUM
2	LEVER	STAINLESS STEEL
2	PUSH BAR	STAINLESS STEEL
2	CLOSER	STAINLESS STEEL
2	SURFACE BOLT	STAINLESS STEEL
2	KICK PLATE	STAINLESS STEEL
2	ASTRAGAL	-
2	SHOES	-
HOLLOW METAL DOUBLE DOOR W/ WINDOW (MAIN ENTRY)		HARDWARE SET NO. 2
6	HINGES	STAINLESS STEEL
2	THRESHOLD	ALUMINUM
2	PUSH BAR	STAINLESS STEEL
2	LEVER	STAINLESS STEEL
2	CLOSER	STAINLESS STEEL
1	LOCK	STAINLESS STEEL
2	SURFACE BOLT	STAINLESS STEEL
1	CYLINDER	STAINLESS STEEL
2	KICK PLATE	STAINLESS STEEL
1	ASTRAGAL	-
2	SHOES	-
HOLLOW METAL DOUBLE DOOR (STORAGE ROOM)		HARDWARE SET NO. 3
6	HINGES	STAINLESS STEEL
2	LEVER-SET	STAINLESS STEEL
2	CLOSER / WITH HOLD-OPEN	STAINLESS STEEL
1	LOCK	STAINLESS STEEL
1	CYLINDER	STAINLESS STEEL
2	KICK PLATE	STAINLESS STEEL
HOLLOW METAL DOOR (TICKET, CONCESSION, & OFFICES)		HARDWARE SET NO. 4
3	HINGES	STAINLESS STEEL
1	LEVER-SET	STAINLESS STEEL
1	CLOSER	STAINLESS STEEL
1	LOCK	STAINLESS STEEL
1	CYLINDER	STAINLESS STEEL
1	WALL STOP	STAINLESS STEEL
1	KICK PLATE	STAINLESS STEEL
HOLLOW METAL DOOR (RESTROOMS)		HARDWARE SET NO. 5
3	HINGES	STAINLESS STEEL
1	PUSH PLATE	STAINLESS STEEL
1	PULL HANDLE	STAINLESS STEEL
1	CLOSER	STAINLESS STEEL
1	WALL STOP	STAINLESS STEEL
1	KICK PLATE	STAINLESS STEEL
HOLLOW METAL DOOR (JANITOR'S, PANTRY, SCORING, COMP, & AV CLOSETS)		HARDWARE SET NO. 6
3	HINGES	STAINLESS STEEL
1	LEVER-SET	STAINLESS STEEL
1	CLOSER W/ HOLD-OPEN	STAINLESS STEEL
1	LOCK	STAINLESS STEEL
1	CYLINDER	STAINLESS STEEL

LATCHES & LOCKS SHALL BE COMPLIANT WITH IBC DOOR EGRESS REQUIREMENTS & INTEGRAL TO PANICK HARDWARE

CARD READER SCHEDULE	
QTY	LOCATION
2	SPICE CENTER - CONCESSION
2	SPICE CENTER - STORAGE
1 EACH (3 TOTAL)	SPICE CENTER - OFFICES
1	SPICE CENTER - TICKET BOOTH
1	ZYDECO CENTER - TICKET BOOTH
1	ZYDECO CENTER - CONCESSION
2	ZYDECO CENTER - STORAGE
12 CARD READERS TOTAL	



4 KEY PLAN - CARD READERS
SCALE: 1" = 50'-0"

100% CONSTRUCTION DOCUMENTS

OPENING PLAN - ZYDECO CENTER

CITY OF OPELOUSAS

SOUTH CITY PARK CENTER

(TBD) S Market St, Opelousas, LA 70570 — St. Landry Parish

PROJECT ID: 20231117

db | ARCHITECTURE OF ACADIANA, LLC

TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

DAVID BEVERLY REG. NO. 7575 REGISTERED ARCHITECT STATE OF LOUISIANA

PROJECT NUMBER: 20231117

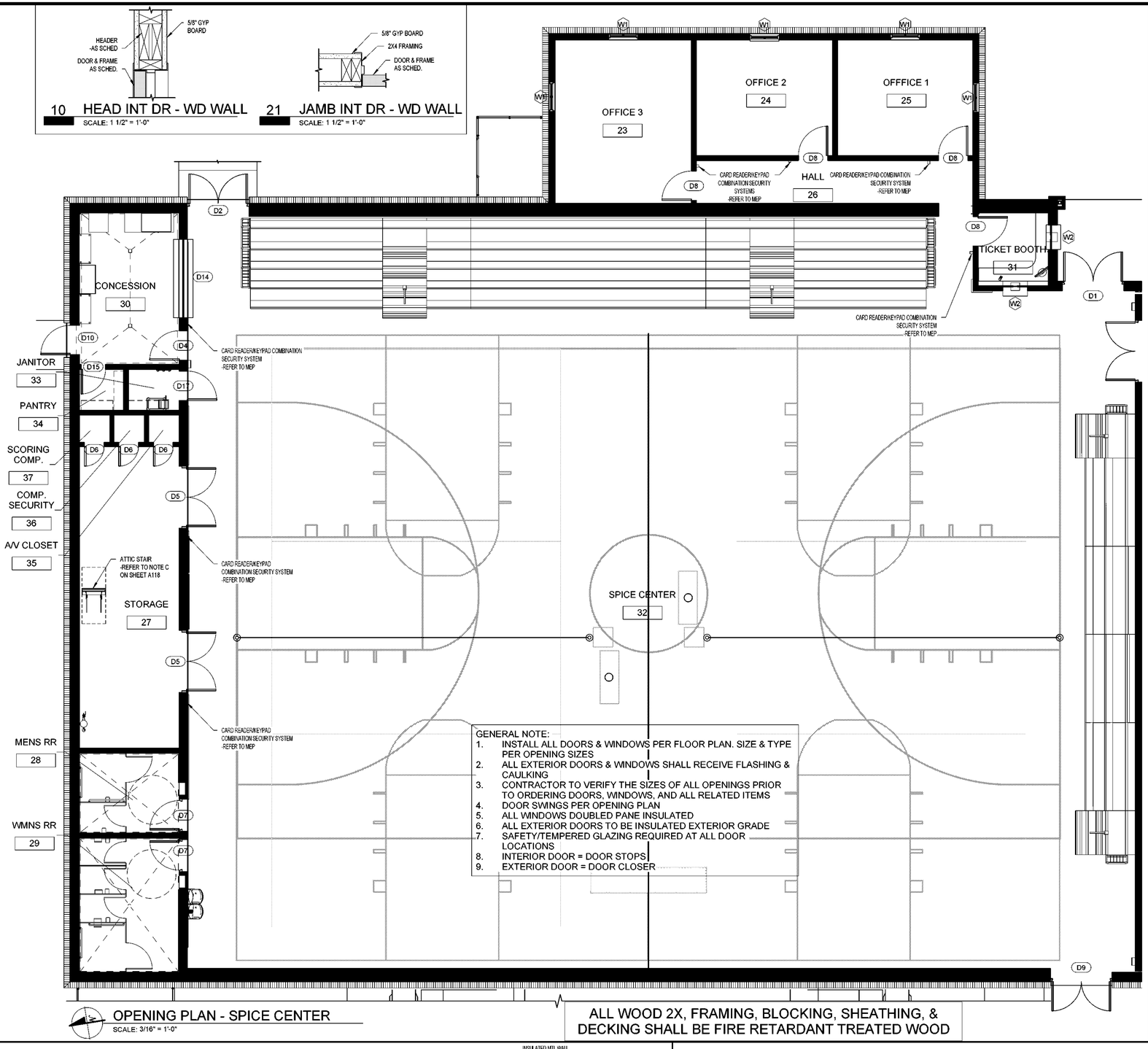
DATE: 01/17/2025

A118

DATE: 8/20/2025 2:23:12 PM COPYRIGHT @DARCHITECTUREOFACADIANA, LLC

10 HEAD INT DR - WD WALL
SCALE: 1 1/2" = 1'-0"

21 JAMB INT DR - WD WALL
SCALE: 1 1/2" = 1'-0"



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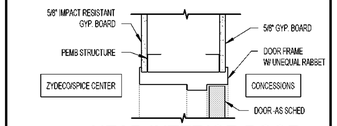
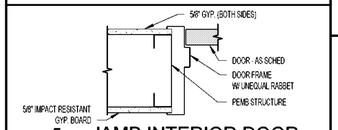
OPENING PLAN - SPICE CENTER
SCALE: 3/16" = 1'-0"

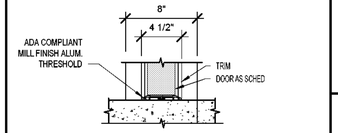
ALL WOOD 2X, FRAMING, BLOCKING, SHEATHING, & DECKING SHALL BE FIRE RETARDANT TREATED WOOD



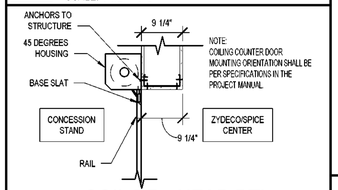
6 HEAD INTERIOR DOOR
SCALE: 1 1/2" = 1'-0"



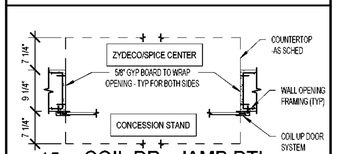
5 JAMB INTERIOR DOOR
SCALE: 1 1/2" = 1'-0"



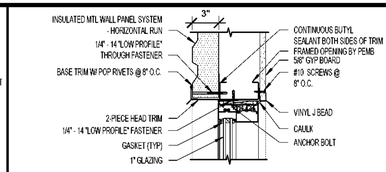
8 DOOR SILL DTL - EXTERIOR
SCALE: 1 1/2" = 1'-0"



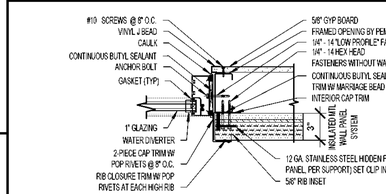
14 COIL DR - HEAD DTL
SCALE: 3/4" = 1'-0"



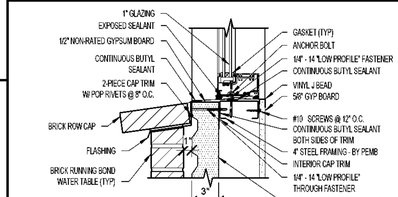
15 COIL DR - JAMB DTL
SCALE: 3/4" = 1'-0"



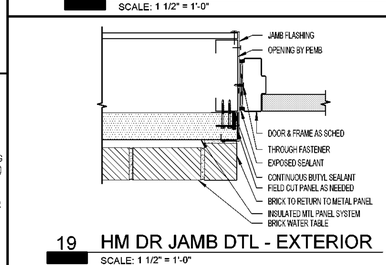
2 WINDOW HEAD DTL - EXTERIOR
SCALE: 1 1/2" = 1'-0"



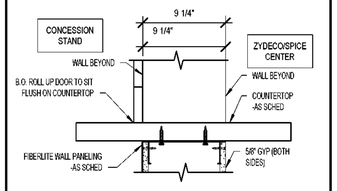
3 WINDOW JAMB DTL - EXTERIOR
SCALE: 1 1/2" = 1'-0"



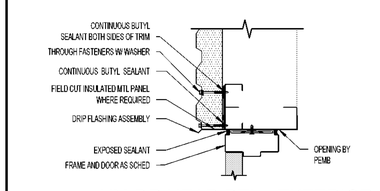
4 WINDOW SILL DTL
SCALE: 1 1/2" = 1'-0"



19 HM DR JAMB DTL - EXTERIOR
SCALE: 1 1/2" = 1'-0"

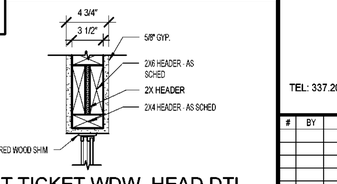


16 COIL DR - SILL DTL
SCALE: 1 1/2" = 1'-0"

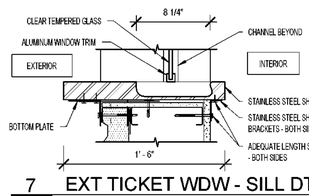


18 HM DR HEAD DTL - EXTERIOR
SCALE: 1 1/2" = 1'-0"

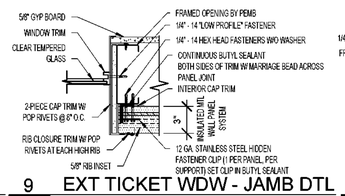
17 DBL DR - CENTER DTL
SCALE: 3" = 1'-0"



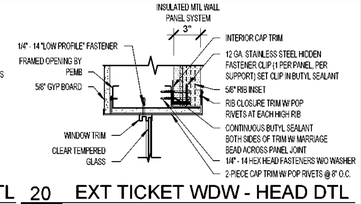
13 INT TICKET WDW -HEAD DTL
SCALE: 1 1/2" = 1'-0"



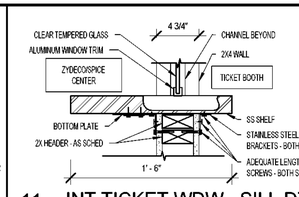
7 EXT TICKET WDW - SILL DTL
SCALE: 1 1/2" = 1'-0"



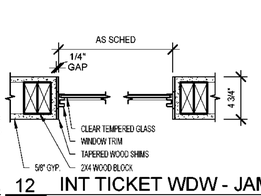
9 EXT TICKET WDW - JAMB DTL
SCALE: 1 1/2" = 1'-0"



20 EXT TICKET WDW - HEAD DTL
SCALE: 1 1/2" = 1'-0"



11 INT TICKET WDW - SILL DTL
SCALE: 1 1/2" = 1'-0"



12 INT TICKET WDW - JAMB DTL
SCALE: 1 1/2" = 1'-0"

100% CONSTRUCTION DOCUMENTS

OPENING PLAN - SPICE CENTER

CITY OF OPELOUSAS

SOUTH CITY PARK CENTER

(TBD) S Market St. Opelousas, LA 70570 — St. Landry Parish

PROJECT ID: 20231117

db | ARCHITECTURE OF ACADIANA, LLC

TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

DAVID BEVERLY REG. NO. 7525 REGISTERED ARCHITECT

PROJECT NUMBER: 20231117

DATE: 01/17/2025

A119

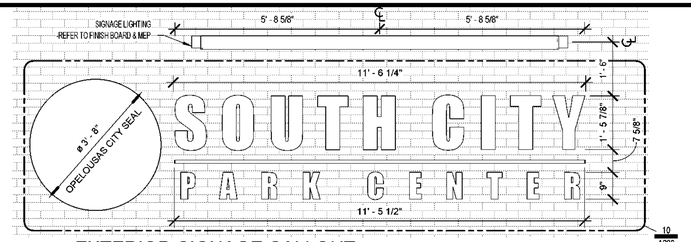
DATE: 8/20/2025 2:23:15 PM COPYRIGHT dbARCHITECTURE of ACADIANA, LLC

NOTE A:
STANDING SEAM MTL ROOF CANOPY W/ SMOOTH MTL SOFFIT PANELS. STRUCTURE TO BE FABRICATED BY MTL PEMB MANU. FASCIA & EAVES SHALL BE CLOSED W/ PRE FINISHED MTL. COLOR: WHITE - CONFIRM W/ ARCHITECT. SOFFIT PANELS SHALL HAVE 12" TO 16" SEAMS & SHALL BE PRE-APPROVED BY ARCHITECT

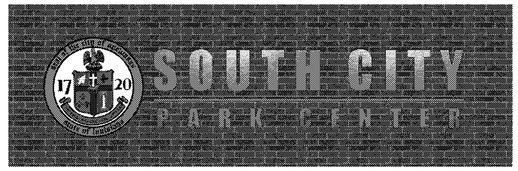
EXTERIOR BLDG SIGNAGE

LINE	COLOR	DEPTH	LETTER WIDTH	LETTER HEIGHT
1	ALUM.	3" STUD	VARIES	1'-6"
2	ALUM.	3" STUD	11'5.5"	1"
3	ALUM.	3" STUD	VARIES	9"

NOTE:
1. ALL SIGNAGE HERE IS STUD MOUNTED
2. SIGNAGE FONT: IMPACT



11 EXTERIOR SIGNAGE CALLOUT
SCALE: 1/2" = 1'-0"



10 EXTERIOR SIGNAGE - MATERIAL RENDER
SCALE:NTS

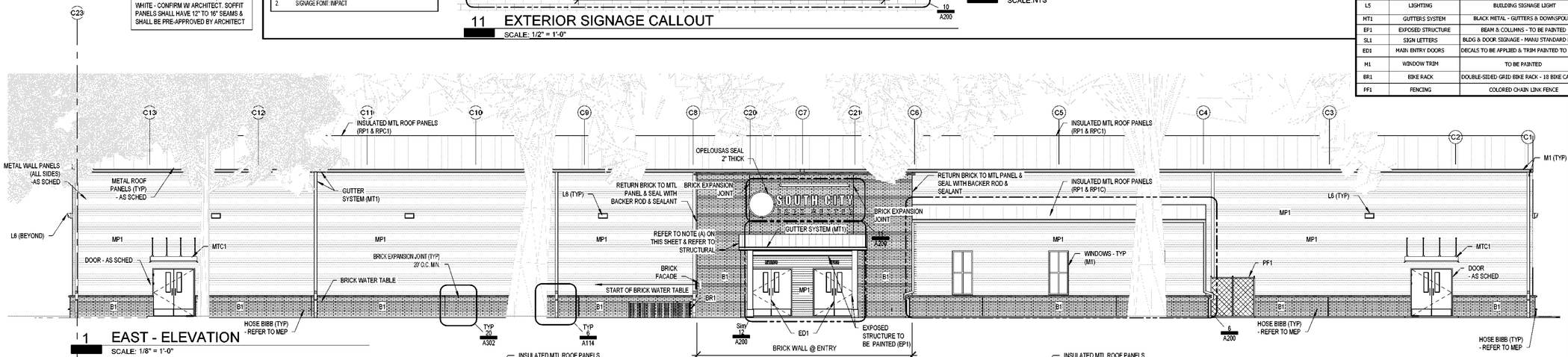
OPELOUSAS COMMUNITY CENTER EXTERIOR FINISH SCHEDULE

REF NUMBER	ITEM	DESCRIPTION	MANUFACTURER	ORIENTATION N	S	E	W	MODEL NUMBER	NOTE
		EXTERIOR							
B1	BRICK	VELOUR TEXTURE BRICK	ACME BRICK	•	•	•	•	BL-5	COLOR: TUSCANY
MR1	MORTAR COLOR	MORTAR	HOLCIM	•	•	•	•	RAINBOW MORTAR#X	COLOR: CORAL
MP1	METAL WALL PANEL	INSULATED METAL WALL PANEL	KINGSPAN	•	•	•	•	VALE	3" THICK, 22 GAUGE
MPC1	METAL WALL PANEL	EXTERIOR FACE OF MTL WALL PANEL - COLOR	KINGSPAN			•	•	439R21563M	COLOR: WEATHERED ZINC - MICA
WP2	MTL WALL PANEL	INSULATED BARRIER MTL WALL PANEL (BEHIND BRICK)	KINGSPAN					KARRIER PANEL	3" THICK, 22 GUAGE, COLOR: -
RP1	METAL ROOF PANEL	INSULATED METAL ROOF PANEL	KINGSPAN					SEAM	3.25" THICK, 26 GAUGE
RPC1	METAL ROOF PANEL	EXTERIOR FACE OF MTL ROOF PANEL - COLOR	KINGSPAN					SMP	COLOR: IMPERIAL WHITE
MTC1	METAL CANOPY	EXTERIOR WALL MOUNTED MTL CANOPY - COLOR	MAPES					2-COAT KYNAR	COLOR: BLACK
L6	LIGHTING	ARCHITECTURAL LED WALL PACK	LITHONIA					TWR1-LED-ALO-SWW2-LWOLT-PE-DDBTXD.	REFER TO MEP
L5	LIGHTING	BUILDING SIGNAGE LIGHT	ALCON LIGHTING					31029	8' LENGTH, FINISH: BLACK, REFER TO MEP
MT1	GUTTERS SYSTEM	BLACK METAL - GUTTERS & DOWNSPOUTS	SENOX					-	TRADITIONAL BLACK
EP1	EXPOSED STRUCTURE	BEAM & COLUMNS - TO BE PAINTED	BENJAMIN MOORE					2015-10	COLOR: ELECTRIC ORANGE
SL1	SIGN LETTERS	BLDG & DOOR SIGNAGE - MANU STANDARD FINISH	-					-	ALUMINUM
ED1	MAIN ENTRY DOORS	DECALS TO BE APPLIED & TRIM PAINTED TO MATCH							REFER TO DETAILS
M1	WINDOW TRIM	TO BE PAINTED	-					-	REFER TO OPENING SHEETS
BR1	BIKE RACK	DOUBLE-SIDED GRID BIKE RACK - 10 BIKE CAPACITY	ULINE					H-2541BL	COLOR: BLACK
FP1	FENCING	COLORED CHAIN LINK FENCE	HOOVER					CHAIN LINK	COLOR: BLACK

NOTE B: CITY SEAL SIGN SHALL BE ONE PIECE COMPOSITE, ROUTED, RELIEF PER PRE APPROVED LOGO. SHOP DRAWINGS REQUIRED ALTERNATE SIGN TYPES MAY BE CONSIDERED, PRE APPROVAL REQUIRED.

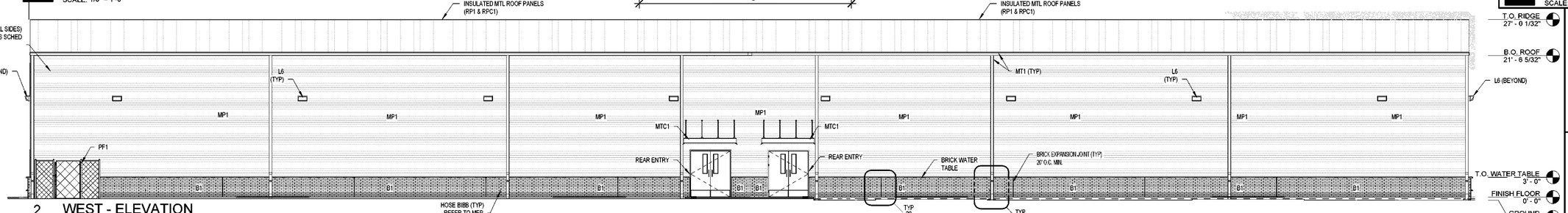
NOTE:
1. ALL MANUFACTURER NAMES/MODELS ARE BASIS OF DESIGN, OR PREAPPROVED EQUAL
2. MANUFACTURER TO MATCH BASIS OF DESIGN COLOR IN SCHEDULE. SAMPLES TO BE PROVIDED FOR SELECTION AND VERIFICATION.

NOTE: SIGNAGE OVER DOORS TO BE SURFACE MOUNTED. CHARACTERS SHALL HAVE ALL EDGES EASED BOTH SIDES TO AVOID SHARP EDGES. SIGNAGE FONT: IMPACT



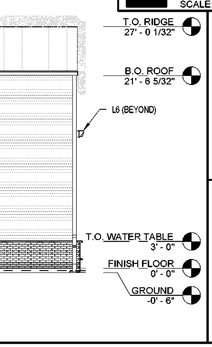
1 EAST - ELEVATION
SCALE: 1/8" = 1'-0"

12 MAIN ENTRY - ELEVATION
SCALE: 3/16" = 1'-0"

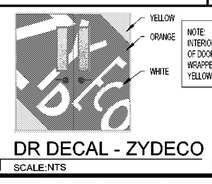


2 WEST - ELEVATION
SCALE: 1/8" = 1'-0"

6 OFFICE ELEVATION - EAST
SCALE: 3/16" = 1'-0"

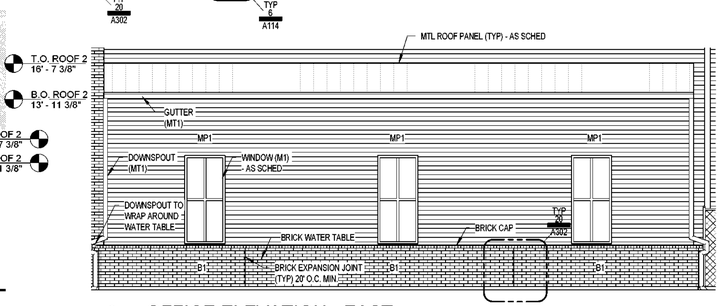


13 ZYDECO SIGNAGE
SCALE: 3/8" = 1'-0"

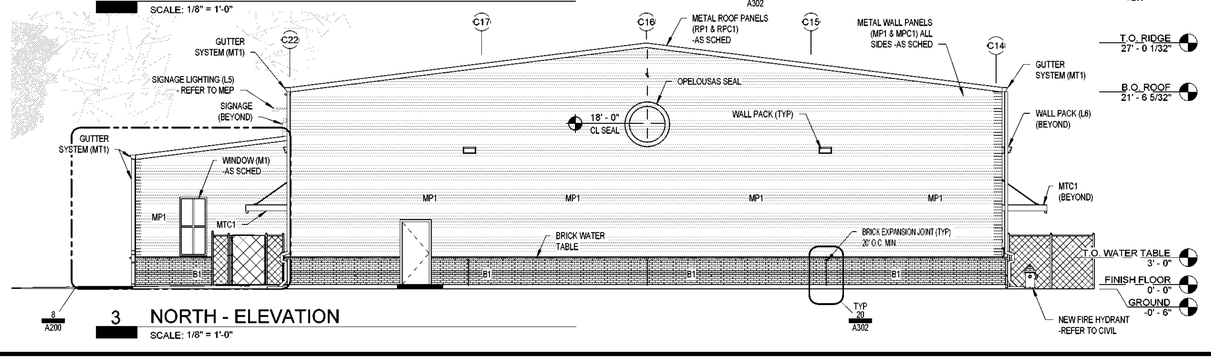


14 SPICE SIGNAGE
SCALE: 3/8" = 1'-0"

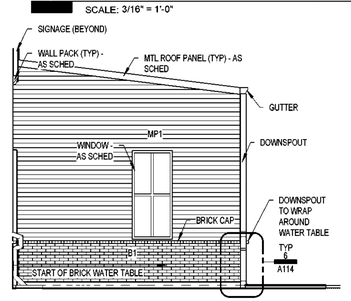
4 SOUTH - ELEVATION
SCALE: 1/8" = 1'-0"



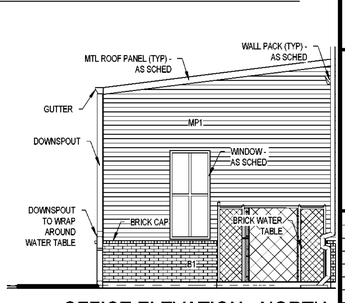
6 OFFICE ELEVATION - EAST
SCALE: 3/16" = 1'-0"



3 NORTH - ELEVATION
SCALE: 1/8" = 1'-0"



7 OFFICE ELEVATION - SOUTH
SCALE: 3/16" = 1'-0"



8 OFFICE ELEVATION - NORTH
SCALE: 3/16" = 1'-0"

15 DR DECAL - ZYDECO
SCALE:NTS

16 DR DECAL - SPICE
SCALE:NTS

100% CONSTRUCTION DOCUMENTS

ELEVATIONS

CITY OF OPELOUSAS
SOUTH CITY PARK CENTER
(TBD) S Market St, Opelousas, LA 70570 — St. Landry Parish
PROJECT ID: 20231117

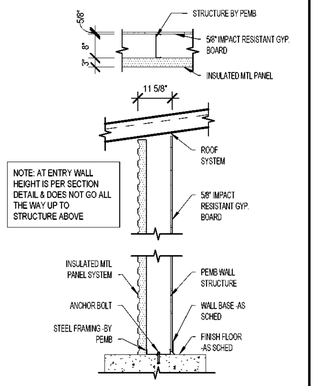
db ARCHITECTURE OF ACADIANA, LLC
TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

DAVID BEVERLY REG. NO. 7504 REGISTERED ARCHITECT 01/17/2025

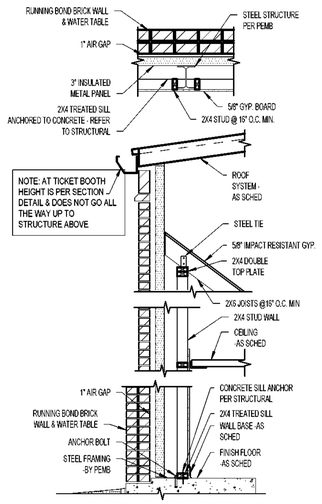
PROJECT NUMBER: 20231117
DATE: 01/17/2025
A200

DATE 8/20/2025 2:24:59 PM COPYRIGHT dbARCHITECTURE of ACADIANA, LLC



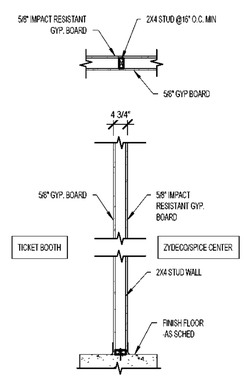
WT1 - EXTERIOR WALL

SCALE: 1/2" = 1'-0"



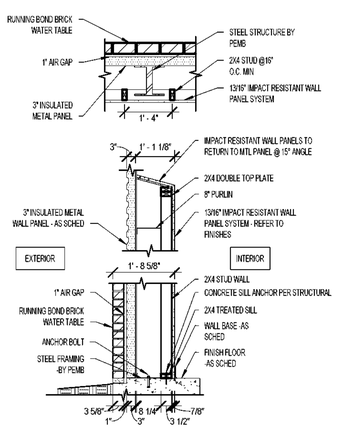
WT2 - EXTERIOR WALL

SCALE: 1/2" = 1'-0"



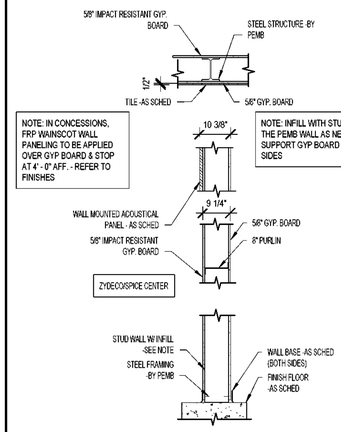
WT3 - INTERIOR WALL

SCALE: 1/2" = 1'-0"



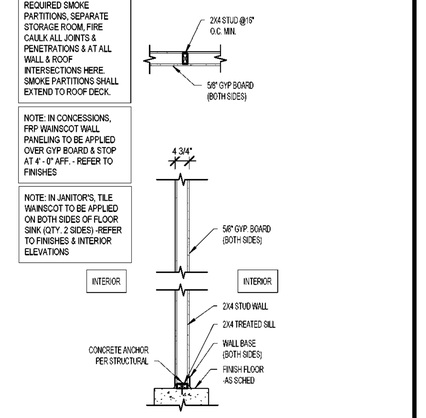
WT4 - EXTERIOR WALL

SCALE: 1/2" = 1'-0"



WT5 - INTERIOR WALL

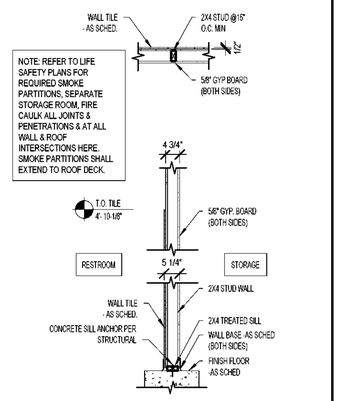
SCALE: 1/2" = 1'-0"



WT6 - INTERIOR WALL

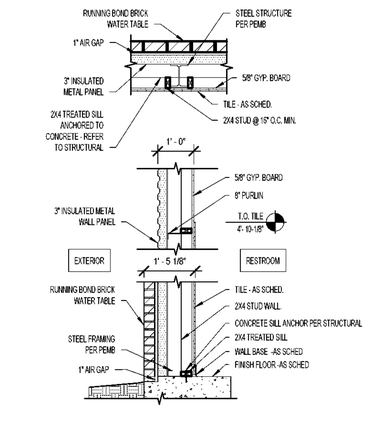
SCALE: 1/2" = 1'-0"

ALL WOOD 2X, FRAMING, BLOCKING, SHEATHING, & DECKING SHALL BE FIRE RETARDANT TREATED WOOD



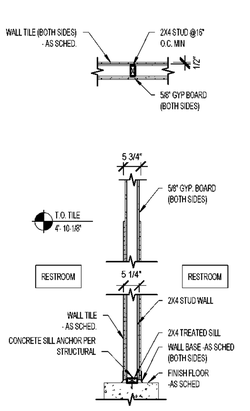
WT7 - INTERIOR WALL

SCALE: 1/2" = 1'-0"



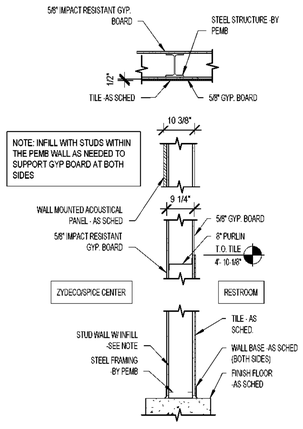
WT8 - EXTERIOR WALL @ RESTROOMS

SCALE: 1/2" = 1'-0"



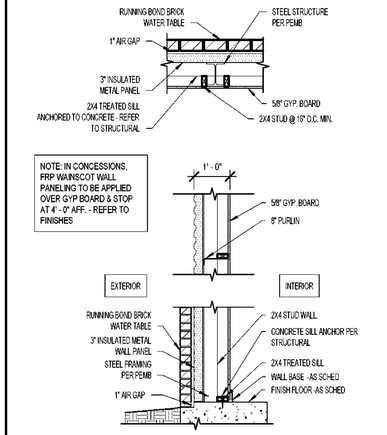
WT9 - INTERIOR WALL @ RESTROOMS

SCALE: 1/2" = 1'-0"



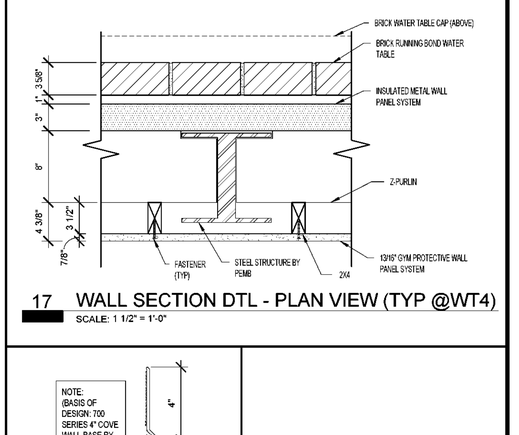
WT10 - INTERIOR WALL

SCALE: 1/2" = 1'-0"



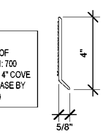
WT11 - EXTERIOR WALL

SCALE: 1/2" = 1'-0"



17 WALL SECTION DTL - PLAN VIEW (TYP @WT4)

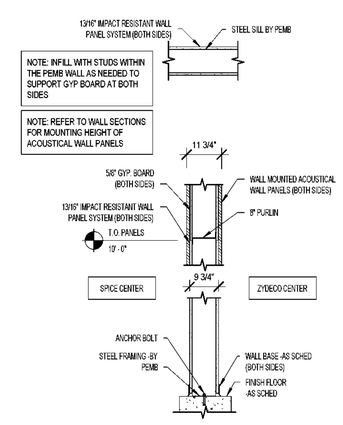
SCALE: 1 1/2" = 1'-0"



18 WALL BASE DTL

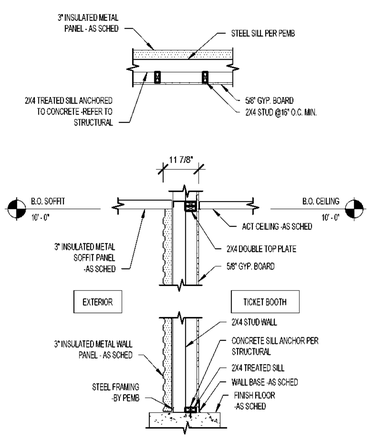
SCALE: 3" = 1'-0"

ALL WOOD 2X, FRAMING, BLOCKING, SHEATHING, & DECKING SHALL BE FIRE RETARDANT TREATED WOOD



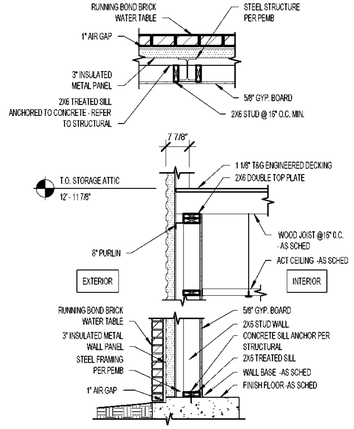
WT12 - EXTERIOR WALL

SCALE: 1/2" = 1'-0"



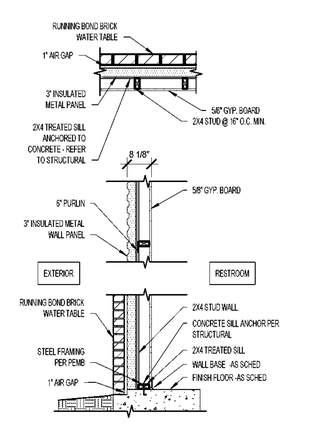
WT13 - EXTERIOR WALL

SCALE: 1/2" = 1'-0"



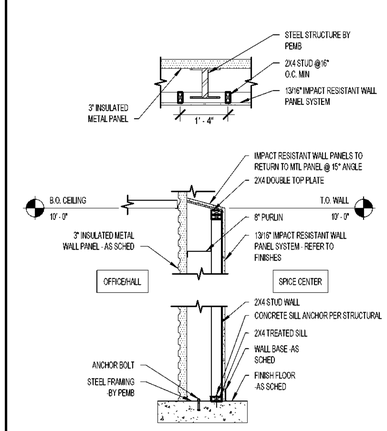
WT14 - EXTERIOR WALL

SCALE: 1/2" = 1'-0"



WT15 - EXTERIOR WALL

SCALE: 1/2" = 1'-0"



WT16 - INTERIOR

SCALE: 1/2" = 1'-0"

100% CONSTRUCTION DOCUMENTS

WALL TYPE DETAILS

CITY OF OPELOUSAS

SOUTH CITY PARK CENTER

(TBD) S Market St. Opelousas, LA 70570 — St. Landry Parish

PROJECT ID: 20231117

db | ARCHITECTURE OF ACADIANA, LLC

TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

DAVID BEVERLY REG. NO. 7508 REGISTERED ARCHITECT 04/17/2025

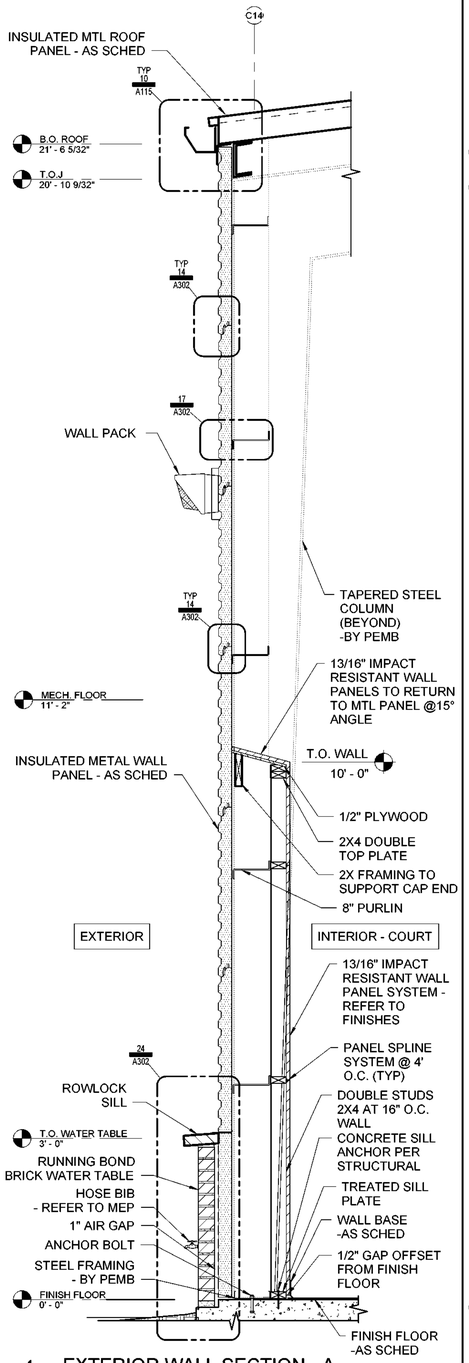
PROJECT NUMBER: 20231117

DATE: 01/17/2025

A300

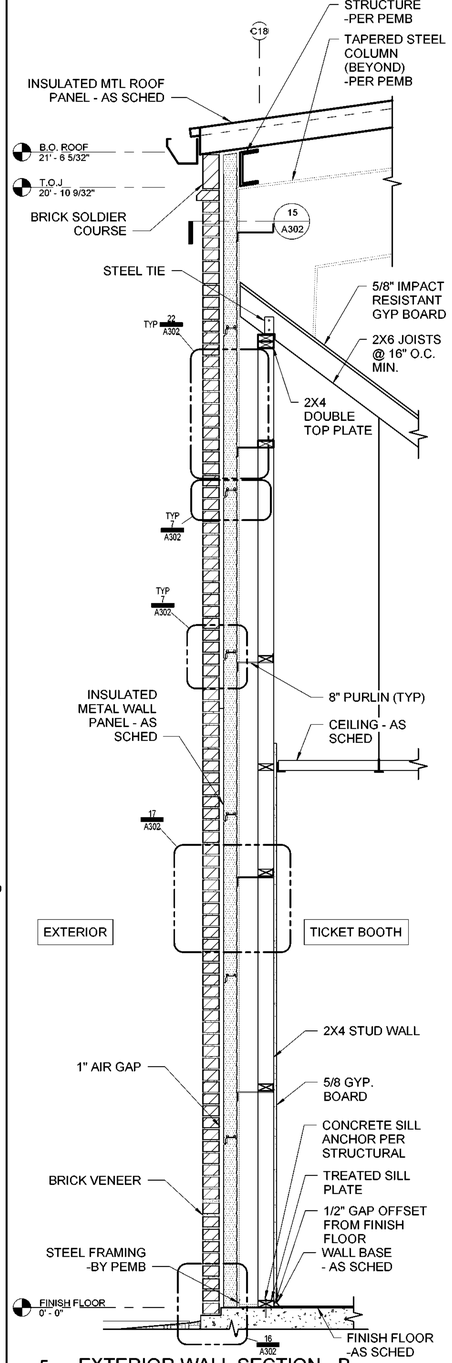
DATE 8/2/2023 2:24:49 PM COPYRIGHT @DBARCHITECTURE OF ACADIANA, LLC

ALL WOOD 2X, FRAMING, BLOCKING, SHEATHING, & DECKING SHALL BE FIRE RETARDANT TREATED WOOD



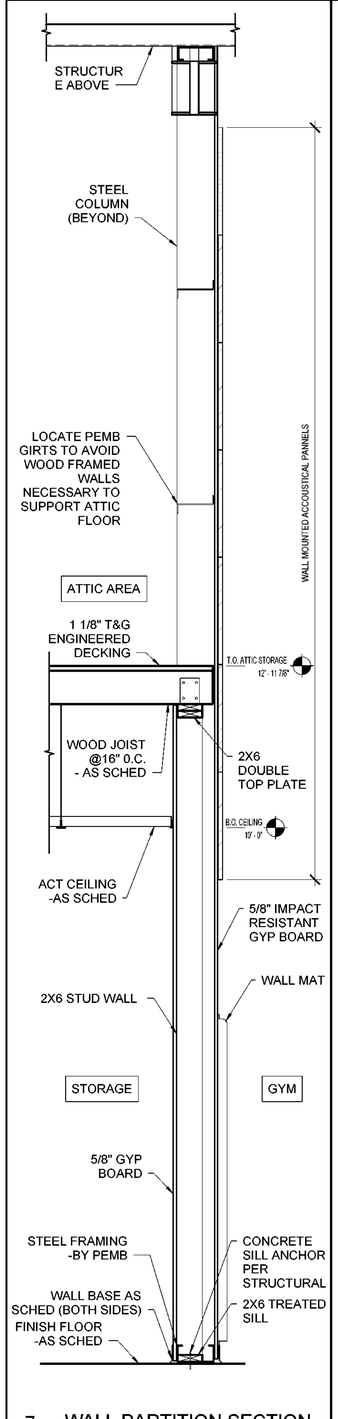
4 EXTERIOR WALL SECTION - A

SCALE: 3/4" = 1'-0"



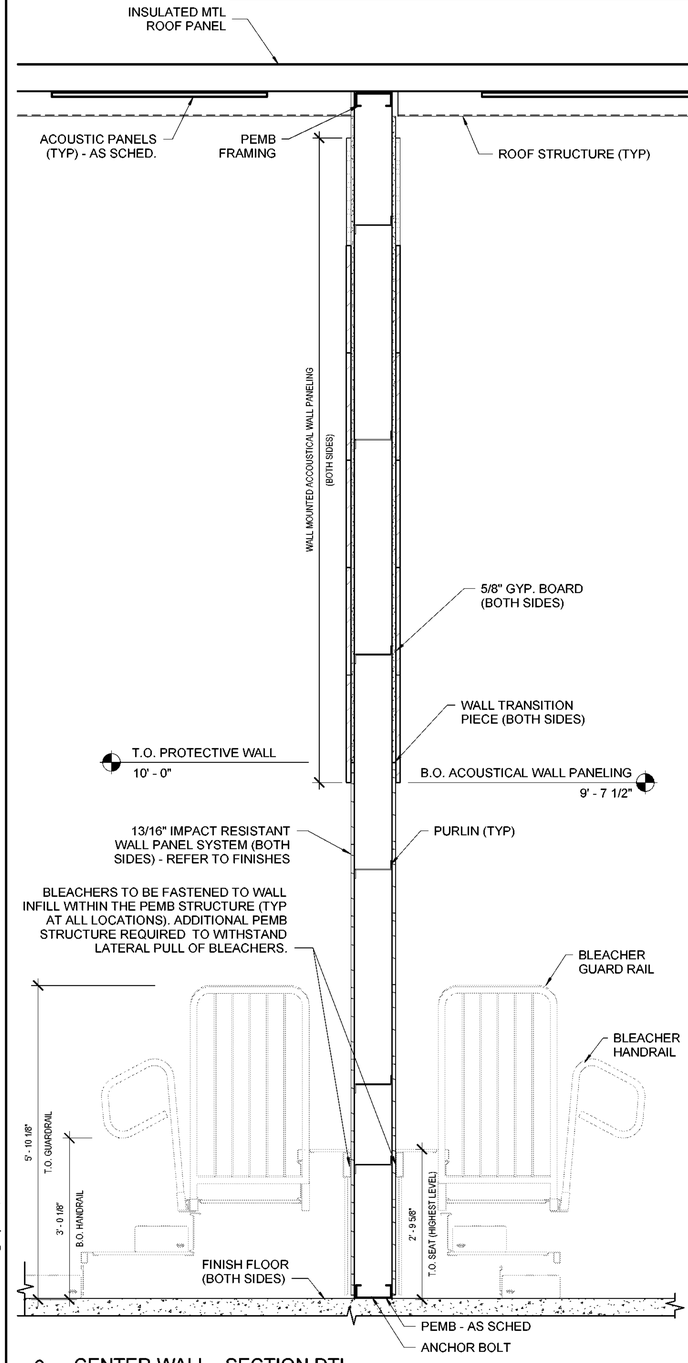
5 EXTERIOR WALL SECTION - B

SCALE: 3/4" = 1'-0"



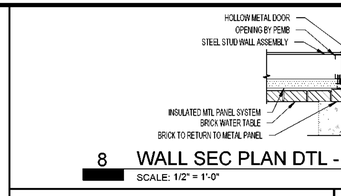
7 WALL PARTITION SECTION

SCALE: 3/4" = 1'-0"



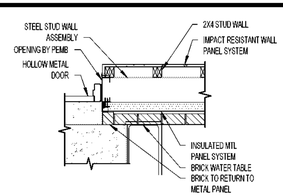
6 CENTER WALL - SECTION DTL

SCALE: 3/4" = 1'-0"



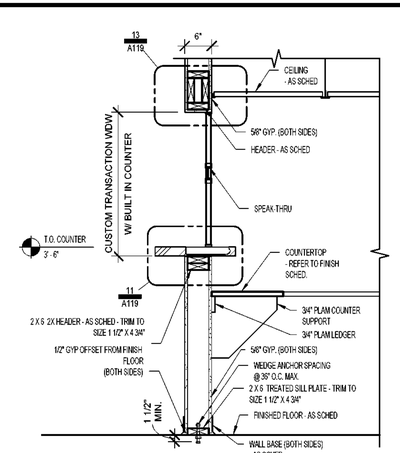
8 WALL SEC PLAN DTL - @EXITS (TYP@WT1)

SCALE: 1/2" = 1'-0"



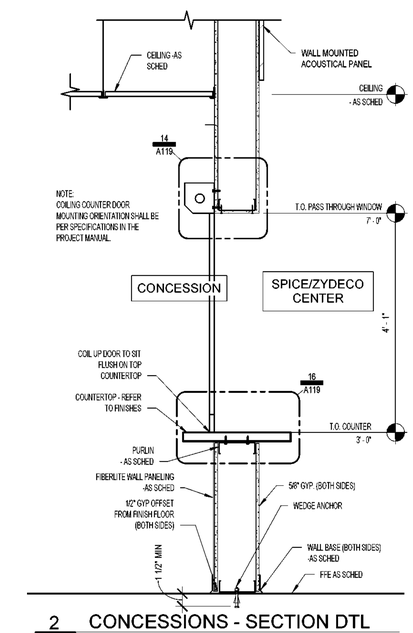
1 WALL SEC PLAN DTL - @ EXITS (TYP @WT4)

SCALE: 1/2" = 1'-0"



3 TICKET BOOTH - INTERIOR SECTION DTL

SCALE: 3/4" = 1'-0"



2 CONCESSIONS - SECTION DTL

SCALE: 3/4" = 1'-0"

100% CONSTRUCTION DOCUMENTS

WALL SECTIONS

CITY OF OPELOUSAS

SOUTH CITY PARK CENTER

(TBD) S Market St. Opelousas, LA 70570 — St. Landry Parish

PROJECT ID: 20231117

db ARCHITECTURE OF ACADIANA, LLC

TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com

ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

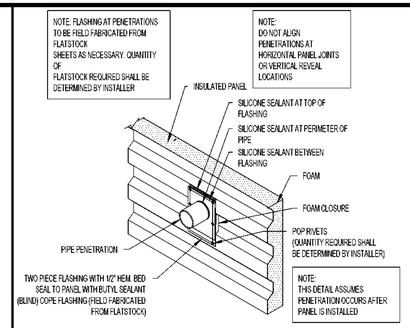
DAVID BEVERLY REG. NO. 7525 STATE OF LOUISIANA REGISTERED ARCHITECT

PROJECT NUMBER: 20231117

DATE: 01/17/2025

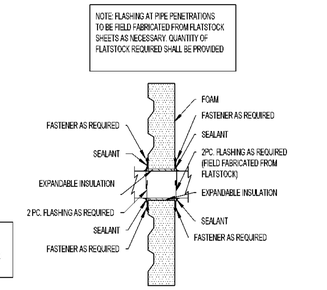
A301

DATE: 8/20/2025 2:23:02 PM COPYRIGHT @DBARCHITECTUREOFACADIANA, LLC



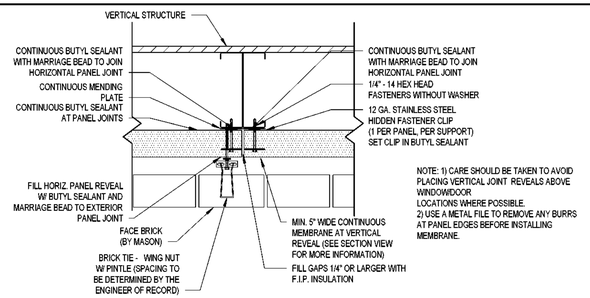
6 PIPE PENETRATION AXON DTL

SCALE: 1 1/2" = 1'-0"



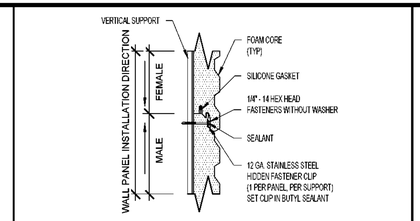
4 PIPE PENETRATION DETAIL

SCALE: 1 1/2" = 1'-0"



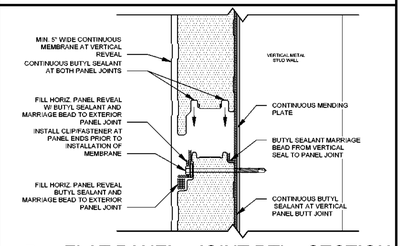
5 FLAT PANEL - JOINT DTL - PLAN VIEW

SCALE: 1 1/2" = 1'-0"



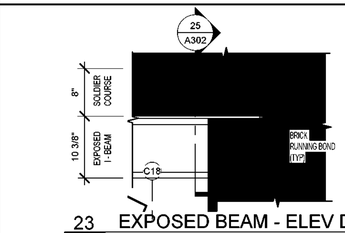
14 RIBBED PANEL -JOINT DTL -SECTION

SCALE: 1 1/2" = 1'-0"



7 FLAT PANEL - JOINT DTL - SECTION

SCALE:NTS

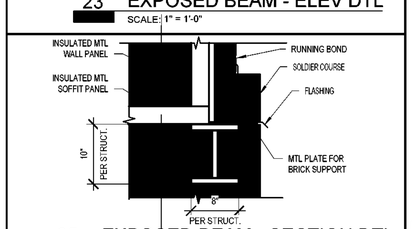


23 EXPOSED BEAM - ELEV DTL

SCALE: 1" = 1'-0"

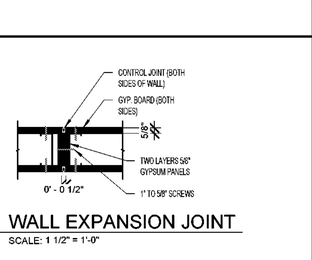
1 MODULAR BRICK DTL (TYP)

SCALE: 1 1/2" = 1'-0"



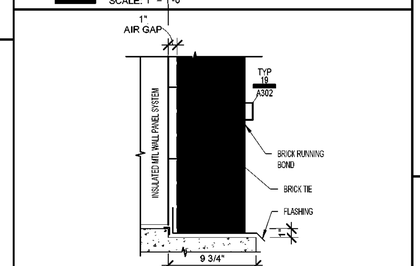
25 EXPOSED BEAM - SECTION DTL

SCALE: 1" = 1'-0"



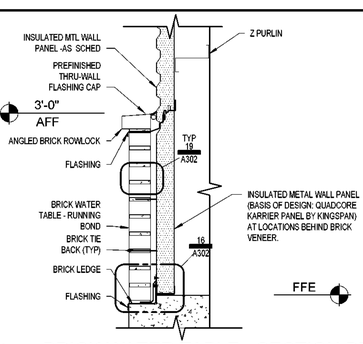
18 WALL EXPANSION JOINT

SCALE: 1 1/2" = 1'-0"



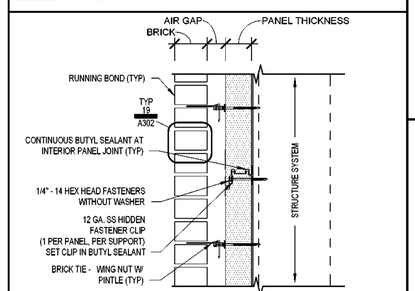
26 FAUX COLUMN - SECTION DTL (TYP)

SCALE: 1 1/2" = 1'-0"



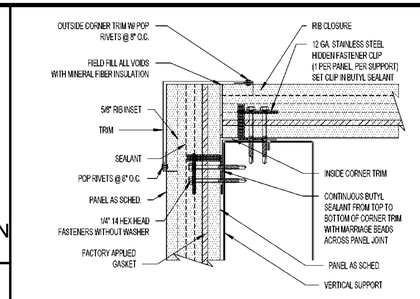
24 BRICK WATER TABLE - SECTION DTL

SCALE: 1" = 1'-0"



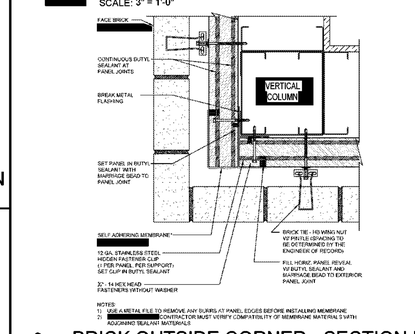
22 PANEL JOINT W/ BRICK TIE (DTL)

SCALE: 1 1/2" = 1'-0"



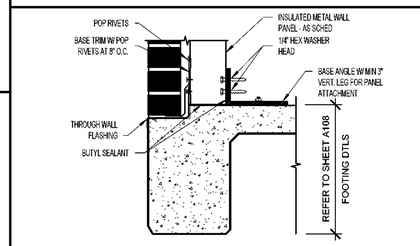
11 OUTSIDE CORNER - SECTION DTL

SCALE: 3" = 1'-0"



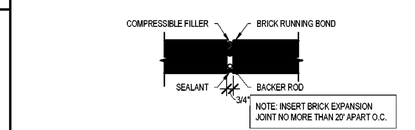
9 BRICK OUTSIDE CORNER - SECTION DTL

SCALE: 1/4" = 1'-0"



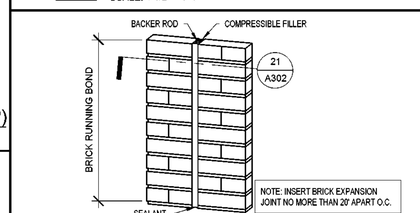
16 INSULATED MTL WALL PANEL - SLAB DTL

SCALE: 1 1/2" = 1'-0"



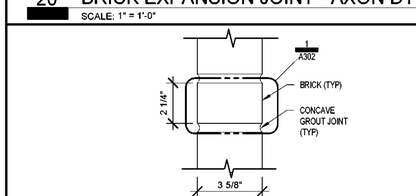
21 BRICK EXPANSION JOINT - DTL

SCALE: 1 1/2" = 1'-0"



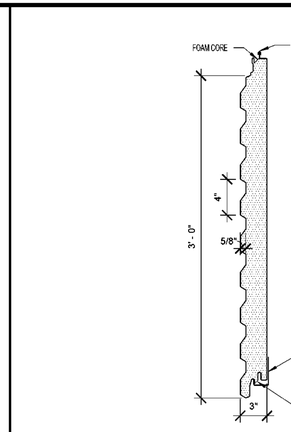
20 BRICK EXPANSION JOINT - AXON DTL

SCALE: 1" = 1'-0"



19 GROUT JOINT DETAIL (TYP)

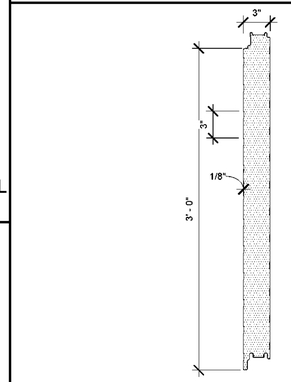
SCALE: 3" = 1'-0"



NOTE: (BASIS OF DESIGN: VALE WALL PANEL BY KINGSPAN)

15 RIBBED MTL WALL PANEL - PROFILE

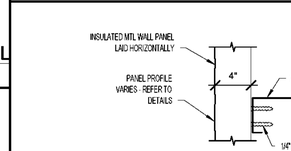
SCALE: 1 1/2" = 1'-0"



NOTE: (BASIS OF DESIGN: QUADCORE KARRIER PANEL BY KINGSPAN) - FOR BEHIND BRICK VENEER

8 FLAT MTL WALL PANEL - PROFILE DTL

SCALE: 1 1/2" = 1'-0"



17 INSULATED MTL WALL PANEL - SUPPORT DTL

SCALE: 1 1/2" = 1'-0"

GENERAL NOTE:
1. DETAILS ON THIS SHEET ARE PROVIDED BY MANUFACTURER - REFER TO EQUIPMENT SHEET FOR BASIS OF DESIGN.

ALL WOOD 2X, FRAMING, BLOCKING, SHEATHING, & DECKING SHALL BE FIRE RETARDANT TREATED WOOD

100% CONSTRUCTION DOCUMENTS

WALL SECTION DETAILS

CITY OF OPELOUSAS

SOUTH CITY PARK CENTER

(TBD) S Market St, Opelousas, LA 70570 — St. Landry Parish

PROJECT ID: 20231117

db ARCHITECTURE OF ACADIANA, LLC

TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

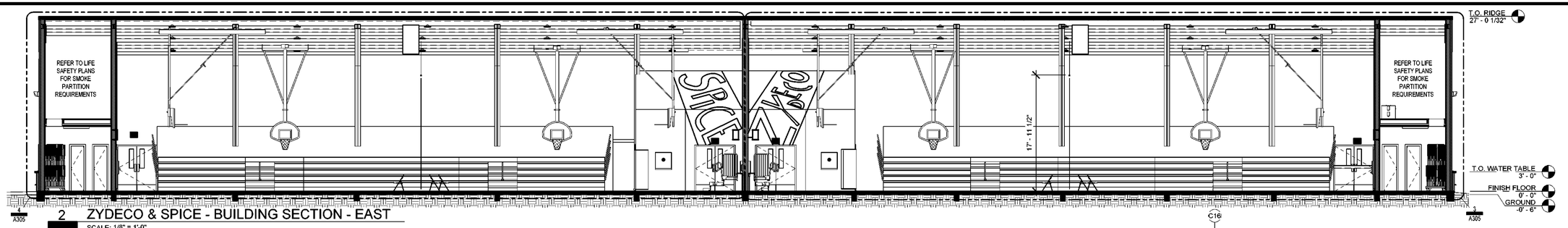
DAVID BEVERLY REG. NO. 7503 REGISTERED ARCHITECT 01/17/2025

PROJECT NUMBER: 20231117

DATE: 01/17/2025

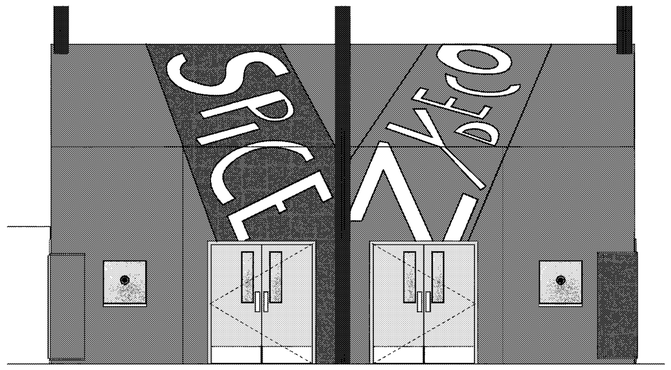
A302

DATE 8/20/2025 2:25:10 PM COPYRIGHT dbARCHITECTURE of ACADIANA, LLC



2 ZYDECO & SPICE - BUILDING SECTION - EAST

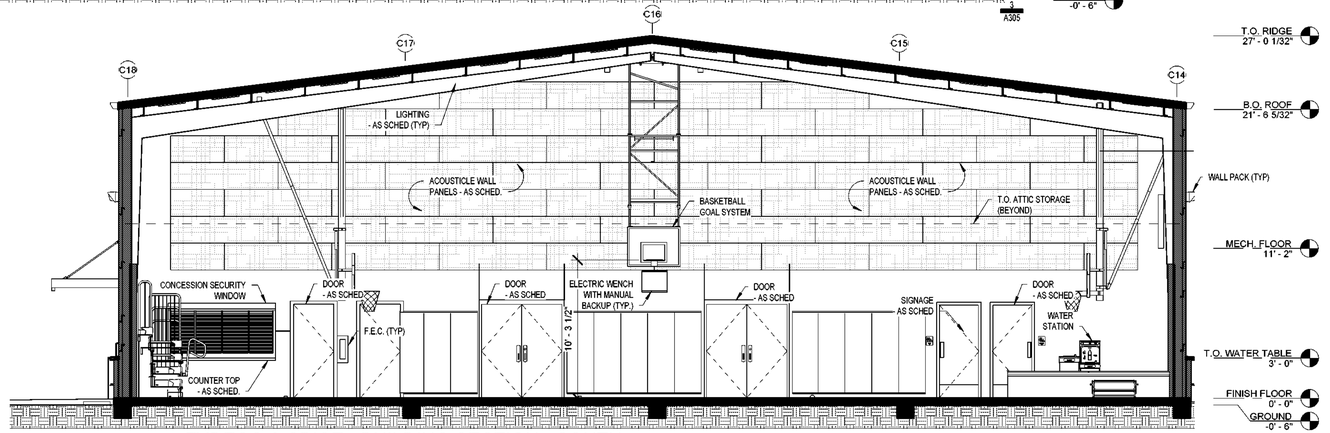
SCALE: 1/8" = 1'-0"



7 INTERIOR - MAIN ENTRY - RENDERED VIEW

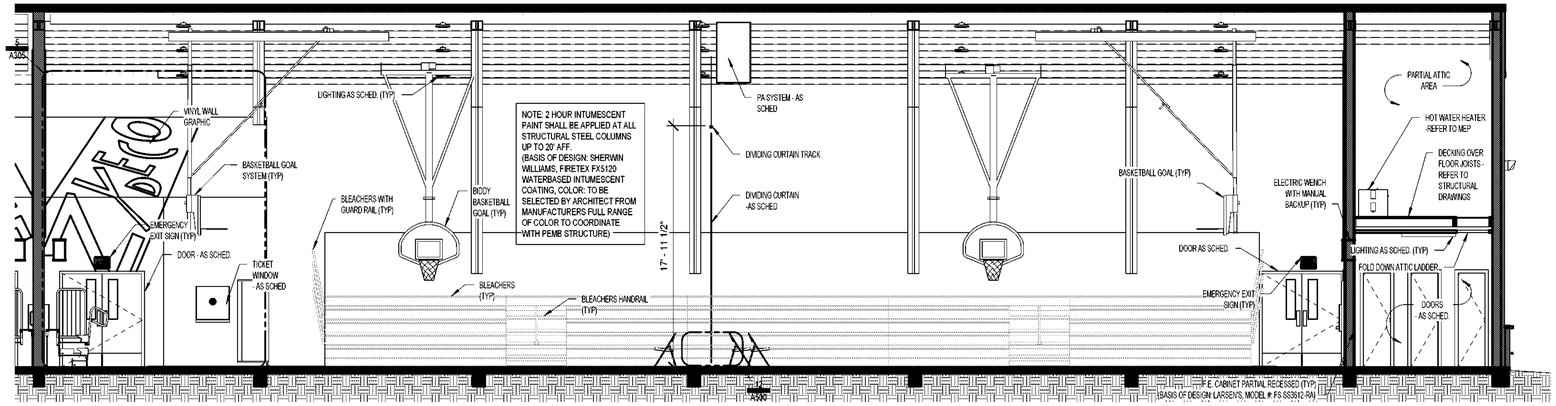
SCALE: 1/4" = 1'-0"

NOTE: DESIGN INTENT IS TO COORDINATE ALL COLORS WITHOUT LIMITATIONS BY MANUFACTURER REGARDLESS OF PRODUCTS WHETHER FLOOR COLORS, WALL GRAPHIC DECAL, WALL PADS WITH GRAPHIC, OR FRONT DOOR DECALS. SHOP DRAWINGS AND CUSTOM COLORS ARE REQUIRED TO ENSURE FULL COORDINATION OF DESIGN FOR ALL OF THESE ITEMS. GC TO SUBMIT SHOP DRAWINGS AND COLORS/SAMPLES (PREMIUM, CUSTOM OR STANDARD) FOR REVIEW AND APPROVAL BY ARCHITECT PRIOR TO ORDERING.



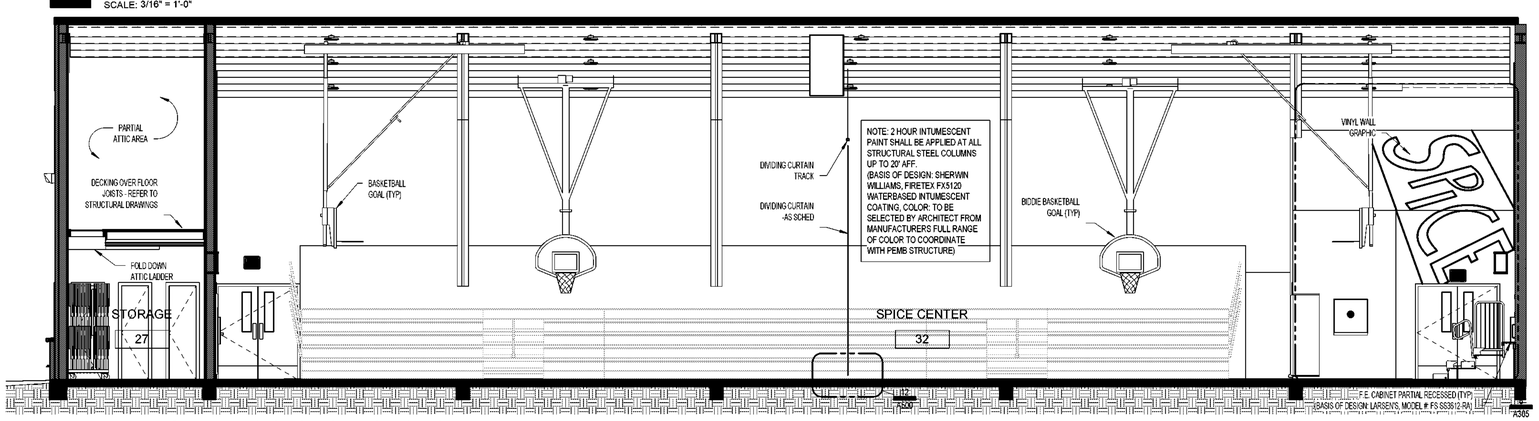
1 ZYDECO & SPICE - BUILDING SECTION - SOUTH

SCALE: 3/16" = 1'-0"



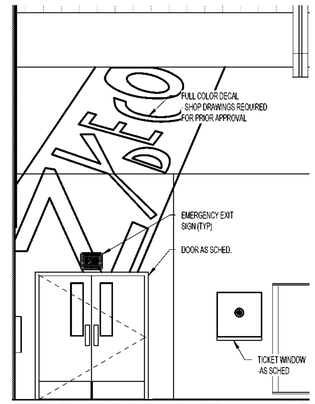
3 ENLARGED BLDG SECTION - ZYDECO CENTER

SCALE: 3/16" = 1'-0"



4 ENLARGED BLDG SECTION - SPICE CENTER

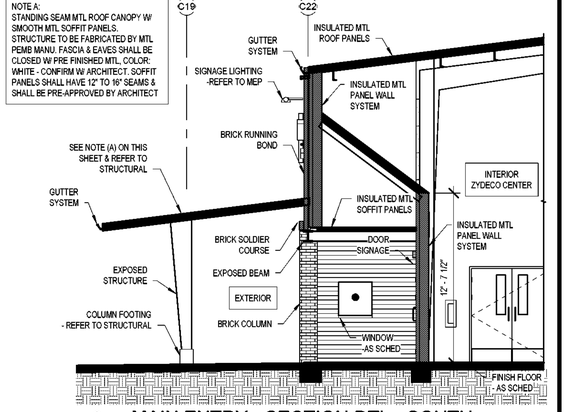
SCALE: 3/16" = 1'-0"



5 ELEV ZYDECO ENTRY WALL DECAL

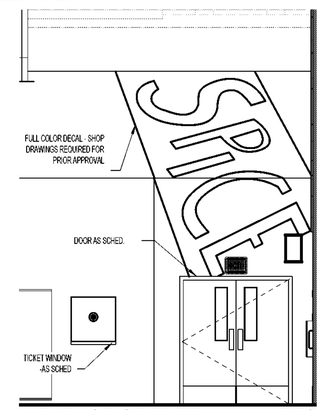
SCALE: 1/4" = 1'-0"

NOTE A:
STANDING SEAM MTL ROOF CANOPY W/ SMOOTH MTL SOFFIT PANELS. STRUCTURE TO BE FABRICATED BY MTL PEMB MANU. FASCIA & EAVES SHALL BE CLOSED W/ PRE FINISHED MTL, COLOR: WHITE - CONFIRM W/ ARCHITECT. SOFFIT PANELS SHALL HAVE 12" TO 16" SEAMS & SHALL BE PRE-APPROVED BY ARCHITECT



8 MAIN ENTRY - SECTION DTL - SOUTH

SCALE: 3/16" = 1'-0"



6 ELEV SPICE ENTRY WALL DECAL

SCALE: 1/4" = 1'-0"

100% CONSTRUCTION DOCUMENTS

BUILDING SECTIONS

CITY OF OPELOUSAS

SOUTH CITY PARK CENTER

(TBD) S Market St, Opelousas, LA 70570 — St. Landry Parish

PROJECT ID: 20231117

db | ARCHITECTURE OF ACADIANA, LLC

TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

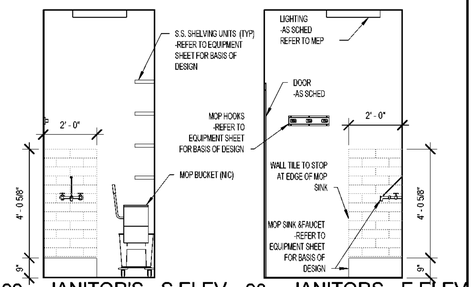
DAVID BEVERLY REG. NO. 34378 REGISTERED ARCHITECT 01/17/2025

PROJECT NUMBER: 20231117

DATE: 01/17/2025

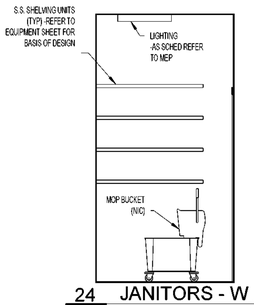
A305

DATE: 8/20/2025 3:23:44 PM COPYRIGHT @ARCHITECTURE of ACADIANA, LLC

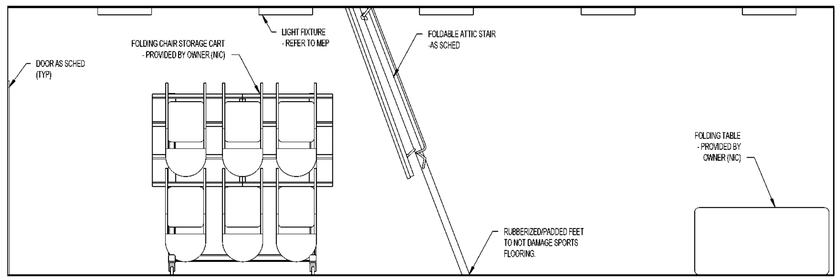


22 JANITOR'S - S ELEV
SCALE: 3/8" = 1'-0"

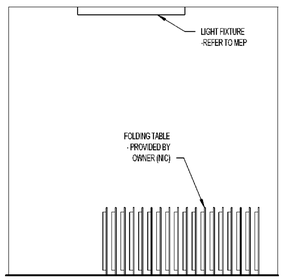
23 JANITORS - E ELEV
SCALE: 3/8" = 1'-0"



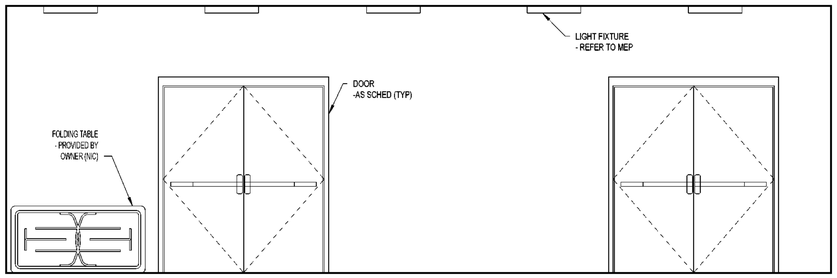
24 JANITORS - W ELEV
SCALE: 3/8" = 1'-0"



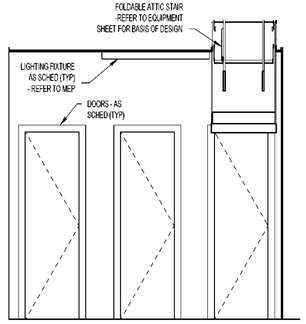
1 STORAGE - EAST ELEVATION
SCALE: 3/8" = 1'-0"



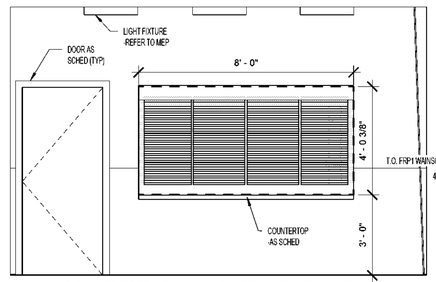
2 STORAGE - SOUTH ELEVATION
SCALE: 3/8" = 1'-0"



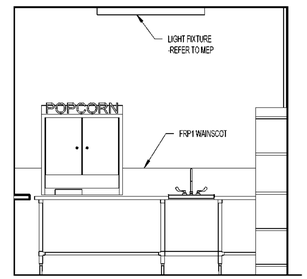
3 STORAGE - WEST ELEVATION
SCALE: 3/8" = 1'-0"



4 STORAGE - NORTH ELEVATION
SCALE: 3/8" = 1'-0"

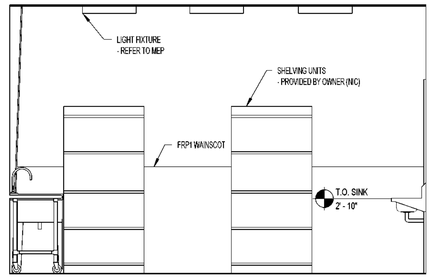


5 CONCESSION - NORTH ELEVATION
SCALE: 3/8" = 1'-0"

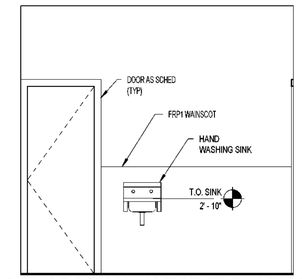


6 CONCESSION - EAST ELEVATION
SCALE: 3/8" = 1'-0"

NOTE:
1. REFER TO FINISH PLAN FOR FRP BASIS OF DESIGN.
2. WRAP ENTIRE PERIMETER OF CONCESSION W/ 4' HIGH FRP WAINSCOT W/ ALL TRIM & ACCESSORIES AT PERIMETER OF PANELS.

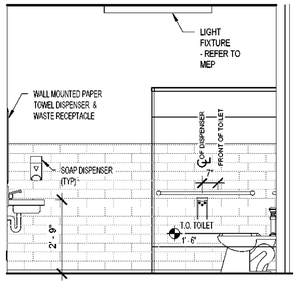


7 CONCESSION - SOUTH ELEVATION
SCALE: 3/8" = 1'-0"

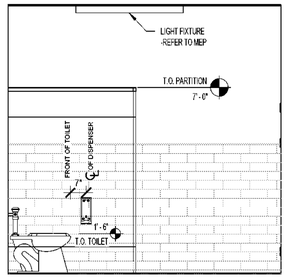


8 CONCESSION - WEST ELEVATION
SCALE: 3/8" = 1'-0"

C18



9 MENS RR - EAST ELEVATION
SCALE: 3/8" = 1'-0"



10 MENS RR - WEST ELEVATION
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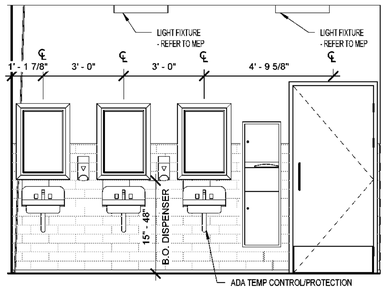
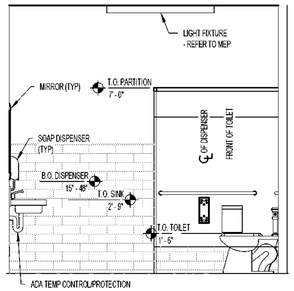
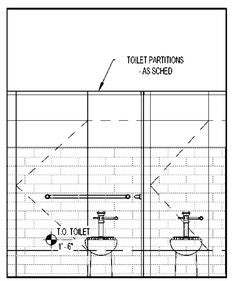


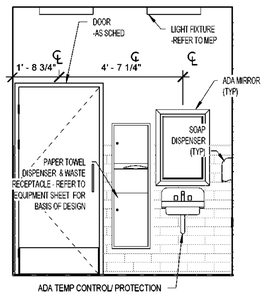
16 WMNS RR - NORTH ELEVATION
SCALE: 3/8" = 1'-0"



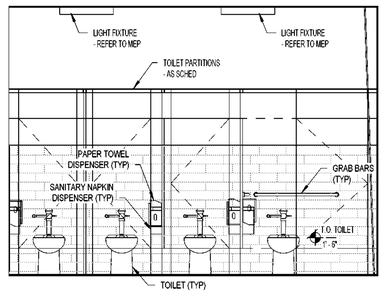
13 WMNS RR - EAST ELEVATION
SCALE: 3/8" = 1'-0"



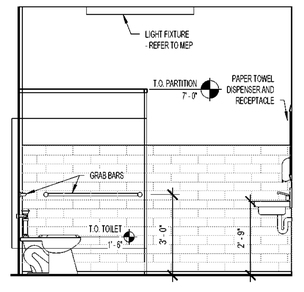
11 MENS RR - SOUTH ELEVATION
SCALE: 3/8" = 1'-0"



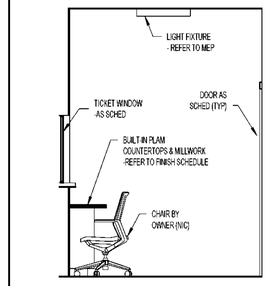
12 MENS RR - NORTH ELEVATION
SCALE: 3/8" = 1'-0"



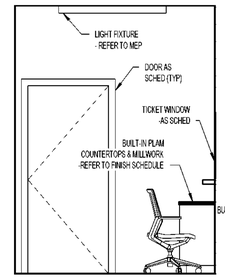
15 WMNS RR - SOUTH ELEVATION
SCALE: 3/8" = 1'-0"



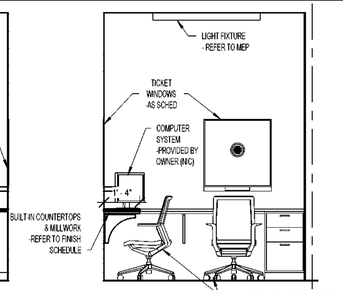
14 WMNS RR - WEST ELEVATION
SCALE: 3/8" = 1'-0"



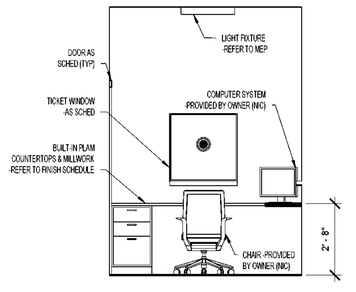
17 TICKET BOOTH - E ELEV
SCALE: 3/8" = 1'-0"



19 TICKET BOOTH - S ELEV
SCALE: 3/8" = 1'-0"



20 TICKET BOOTH - N ELEV
SCALE: 3/8" = 1'-0"



18 TICKET BOOTH - W ELEV
SCALE: 3/8" = 1'-0"

100% CONSTRUCTION DOCUMENTS

INTERIOR ELEVATIONS

CITY OF OPELOUSAS

SOUTH CITY PARK CENTER

(TBD) S Market St, Opelousas, LA 70570 — St. Landry Parish

PROJECT ID: 20231117

db | ARCHITECTURE OF ACADIANA, LLC

TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

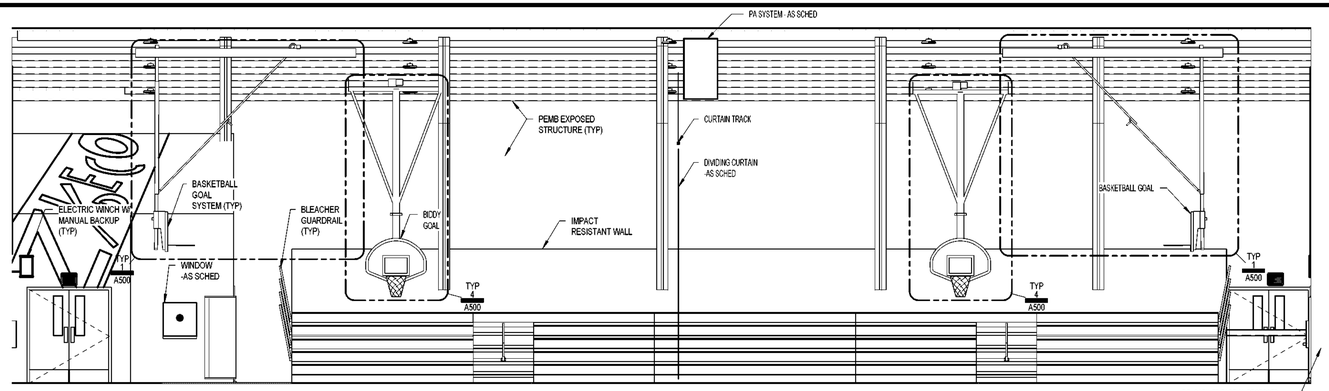
DAVID BEVERLY REG. NO. 34378 REGISTERED ARCHITECT

PROJECT NUMBER: 20231117

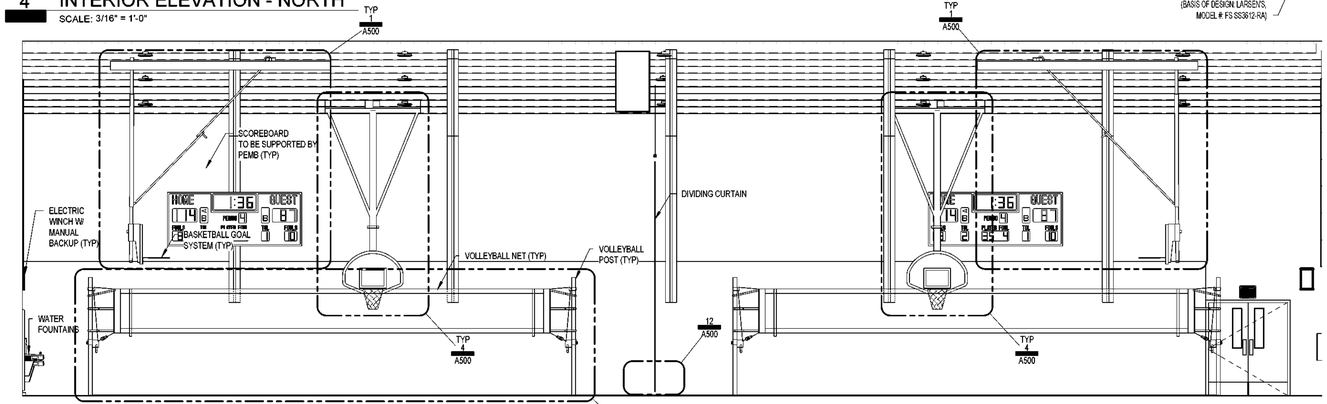
DATE: 01/17/2025

A400

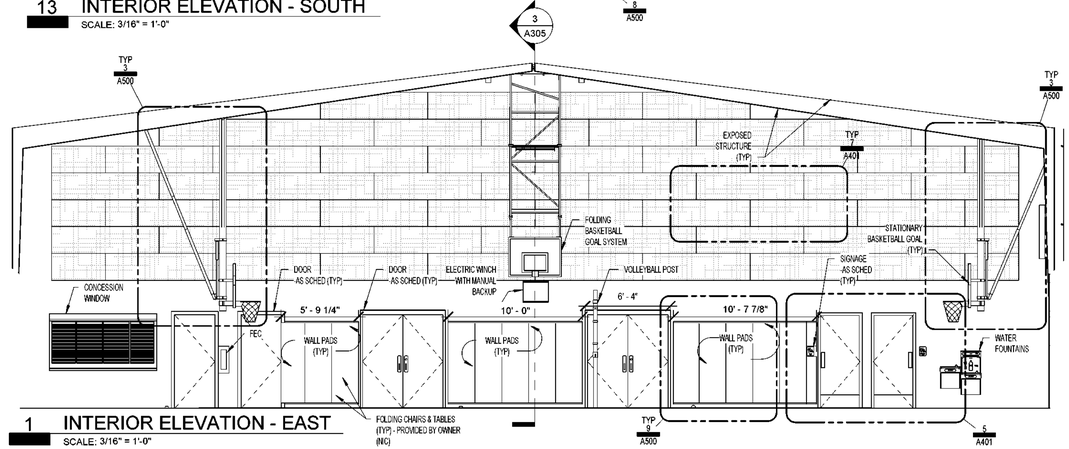
DATE: 8/20/2024 4:16:02 PM COPYRIGHT @DARCHITECTURE OF ACADIANA, LLC



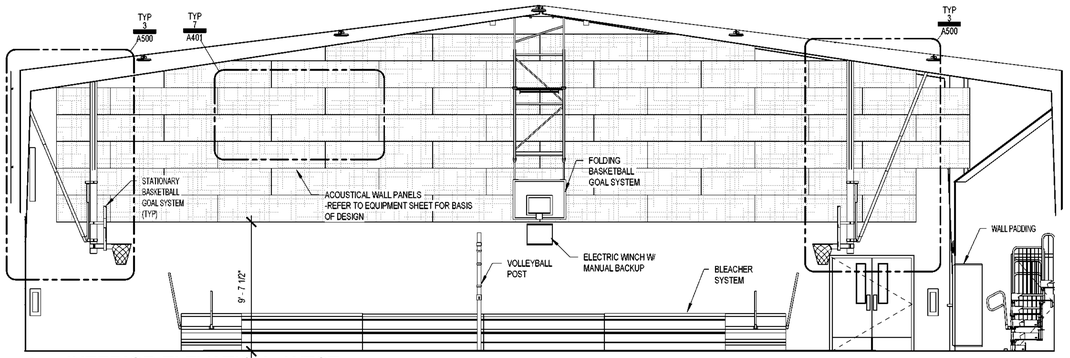
4 INTERIOR ELEVATION - NORTH
SCALE: 3/16" = 1'-0"



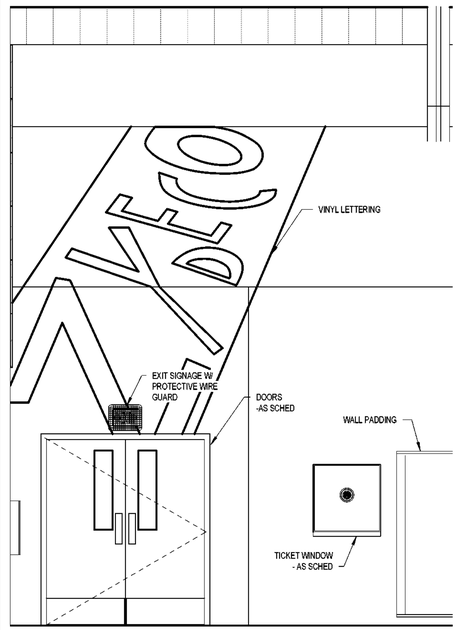
13 INTERIOR ELEVATION - SOUTH
SCALE: 3/16" = 1'-0"



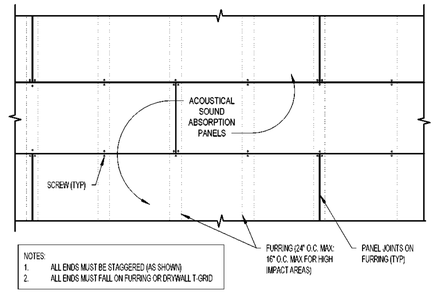
1 INTERIOR ELEVATION - EAST
SCALE: 3/16" = 1'-0"



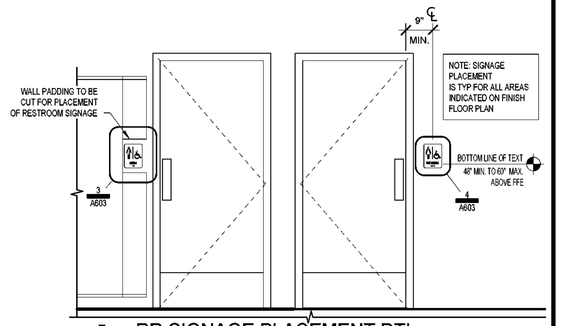
2 INTERIOR ELEVATION - WEST
SCALE: 3/16" = 1'-0"



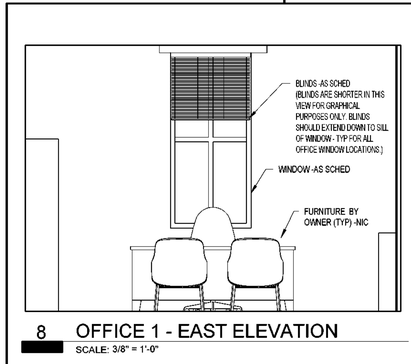
6 MAIN ENTRY - INTERIOR (TYP)
SCALE: 3/8" = 1'-0"



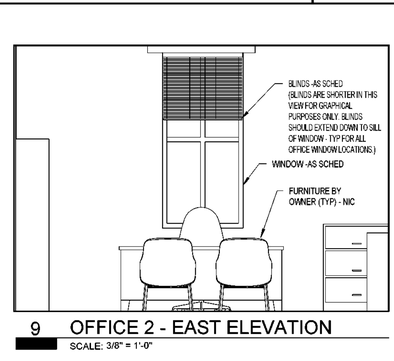
7 ACOUSTICAL WALL PANEL - LAYOUT DTL
SCALE: 1/2" = 1'-0"



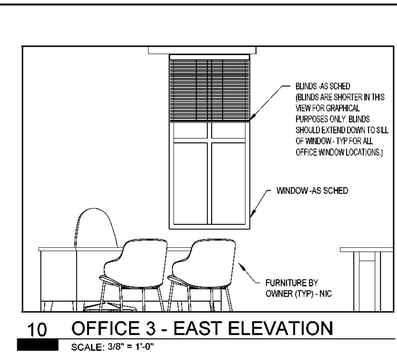
5 RR SIGNAGE PLACEMENT DTL
SCALE: 1/2" = 1'-0"



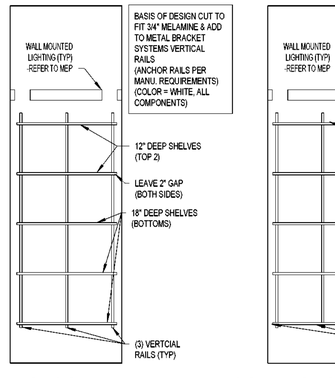
8 OFFICE 1 - EAST ELEVATION
SCALE: 3/8" = 1'-0"



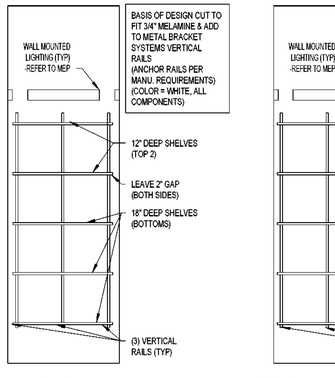
9 OFFICE 2 - EAST ELEVATION
SCALE: 3/8" = 1'-0"



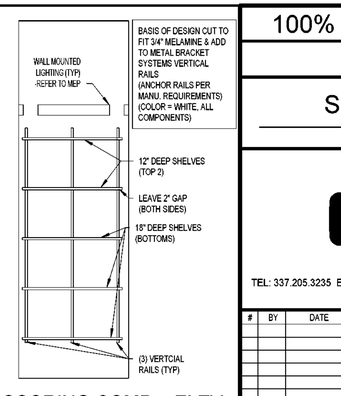
10 OFFICE 3 - EAST ELEVATION
SCALE: 3/8" = 1'-0"



3 A/V CLOSET - ELEV
SCALE: 1/2" = 1'-0"



11 COMP. SECURITY - ELEV
SCALE: 1/2" = 1'-0"



12 SCORING COMP. - ELEV
SCALE: 1/2" = 1'-0"

100% CONSTRUCTION DOCUMENTS

INTERIOR ELEVATIONS

CITY OF OPELOUSAS

SOUTH CITY PARK CENTER

(TBD) S Market St. Opelousas, LA 70570 — St. Landry Parish

PROJECT ID: 20231117

db | ARCHITECTURE OF ACADIANA, LLC

TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

DAVID BEVERLY REG. NO. 7504 REGISTERED ARCHITECT 01/17/2025

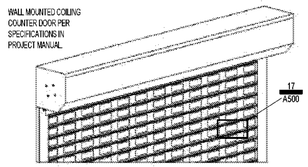
PROJECT NUMBER: 20231117

DATE: 01/17/2025

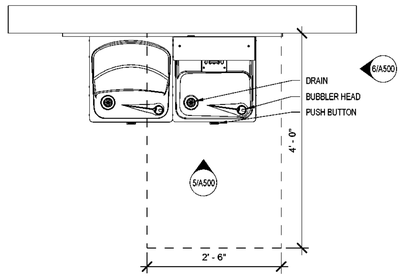
A401

DATE 5/2/2025 2:26:03 PM COPYRIGHT db|ARCHITECTURE of ACADIANA, LLC

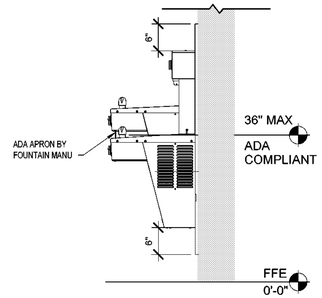
17 CURTAIN PANEL DTL - COIL DR
SCALE: 3" = 1'-0"



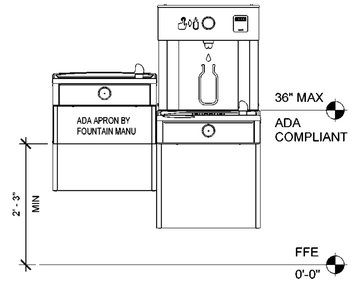
14 ISOMETRIC CONTROL SIDE - COIL DR
SCALE: 3" = 1'-0"



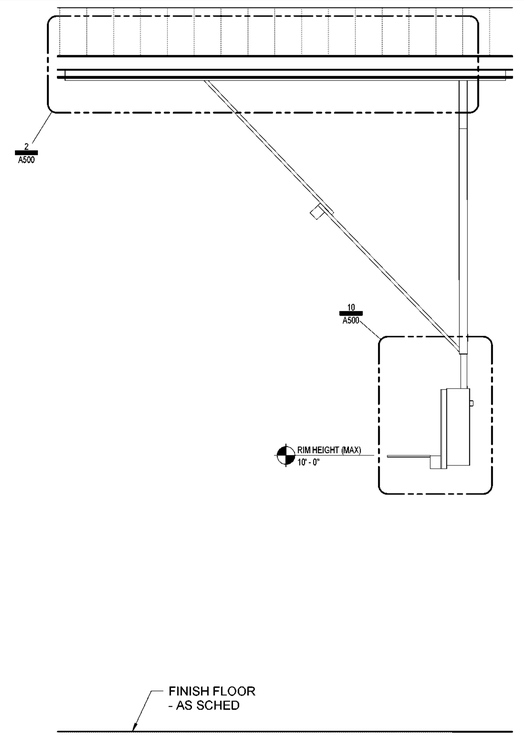
7 WATER FOUNTAIN - PLAN VIEW
SCALE: 3/4" = 1'-0"



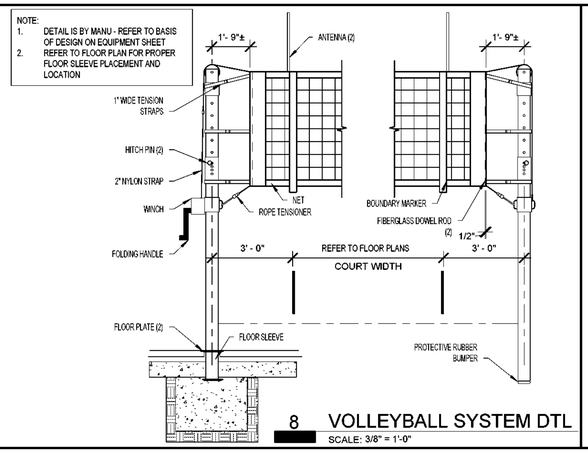
6 WATER FOUNT - ELEV - SIDE
SCALE: 3/4" = 1'-0"



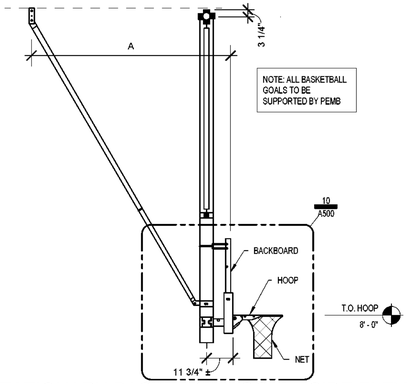
5 WATER FOUNT - ELEV - FRONT
SCALE: 3/4" = 1'-0"



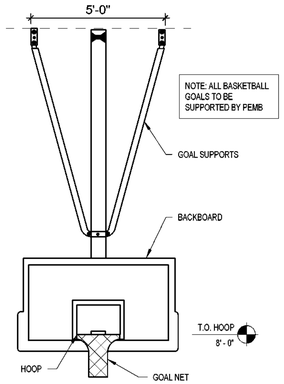
1 FOLDING BASKETBALL GOAL - ENLARGED DTL
SCALE: 3/8" = 1'-0"



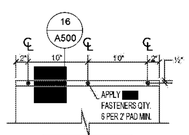
8 VOLLEYBALL SYSTEM DTL
SCALE: 3/8" = 1'-0"



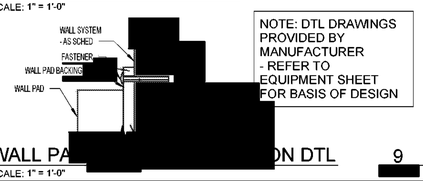
3 STATIONARY BASKETBALL GOAL - SIDE ELEV DTL
SCALE: 3/8" = 1'-0"



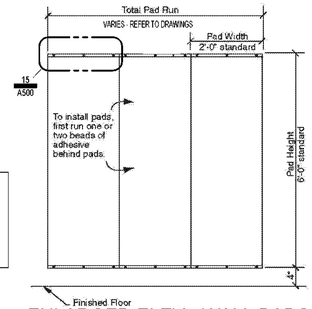
4 STATIONARY BASKETBALL GOAL - FRONT ELEV DTL
SCALE: 3/8" = 1'-0"



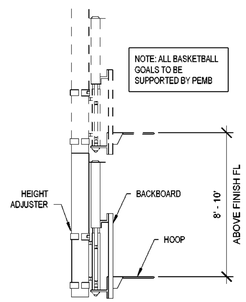
15 WALL PAD [redacted] MOUNTING DTL (TYP)
SCALE: 1" = 1'-0"



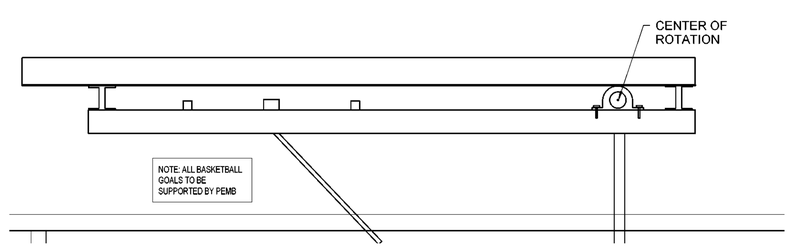
16 WALL PA[redacted]ON DTL
SCALE: 1" = 1'-0"



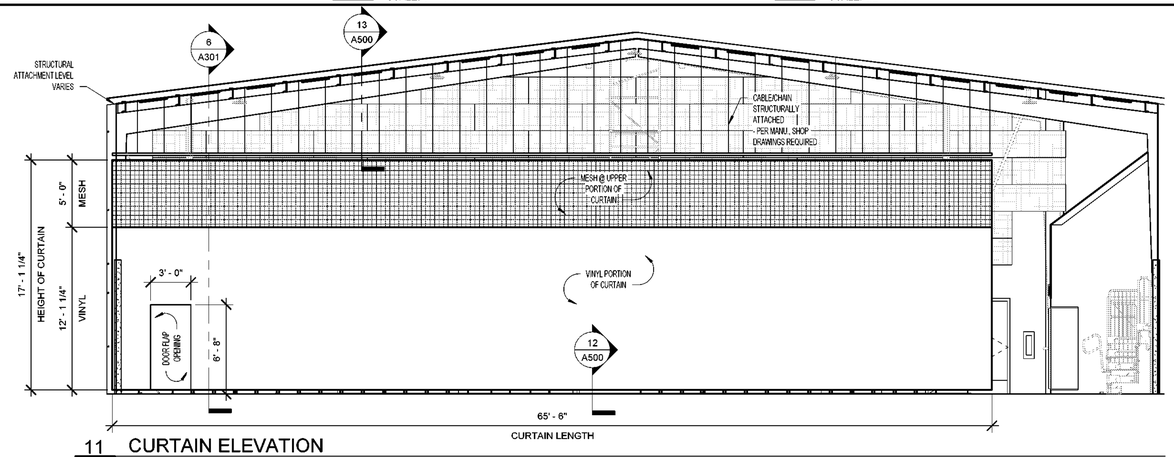
9 ENLARGED ELEV - WALL PADS (TYP)
SCALE: 1/2" = 1'-0"



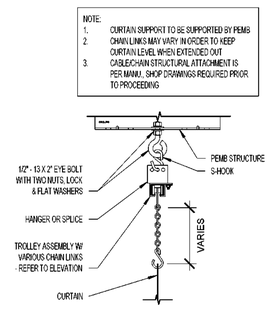
10 GOAL HEIGHT ADJUSTER
SCALE: 1/2" = 1'-0"



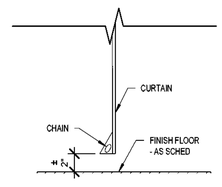
2 GOAL MOUNTING DETAIL
SCALE: 1/2" = 1'-0"



11 CURTAIN ELEVATION
SCALE: 3/16" = 1'-0"



13 CURTAIN TRACK SECTION DTL
SCALE: 1 1/2" = 1'-0"



12 B.O. CURTAIN - SECTION
SCALE: 1 1/2" = 1'-0"

GENERAL NOTE:
1. ALL STRUCTURAL DETAILS SHALL CONFORM TO EQUIPMENT AND PEMB MANUFACTURER REQUIREMENTS. SUBMITTALS REQUIRED FOR APPROVAL.

100% CONSTRUCTION DOCUMENTS

DETAILS

CITY OF OPELOUSAS

SOUTH CITY PARK CENTER

(TBD) S Market St. Opelousas, LA 70570 — St. Landry Parish

PROJECT ID: 20231117

db | ARCHITECTURE OF ACADIANA, LLC

TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

DAVID BEVERLY — REG. NO. 36578 — REGISTERED ARCHITECT — STATE OF LOUISIANA

PROJECT NUMBER: 20231117

DATE: 01/17/2025

A500

DATE: 8/20/2025 2:26:11 PM COPYRIGHT @ARCHITECTURE OF ACADIANA, LLC

CONCESSION SINK UNIT
(BASIS OF DESIGN)

CS1
BK RESOURCES (CVTR5-9630)
16 GAUGE STAINLESS STEEL
WORK TABLE WITH
UNDERSHELF 5" RISER AND
DROP IN SINK
96 in. x 30 in. x 45 in.
FINISH: STAINLESS STEEL

JANITOR SINK & FAUCET
(BASIS OF DESIGN)

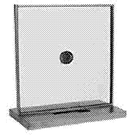
MS1
GRIDMANN
(MP-GR27)
FLOOR MOP SINK
22 in. x 19 in. x 12 in.
FINISH: STAINLESS
STEEL

SF2
T&S (B-0665-BSTP)
SERVICE SINK
FAUCET MANUAL
8" WALL MOUNT

MOP HOOKS
(BASIS OF DESIGN)

MH1
T&S (B-0653)
MOP HANGER WITH 3
RUBBER GRIPS
17 11/16" X 2 5/8"
FINISH: STAINLESS
STEEL

TICKET WINDOW
(BASIS OF DESIGN)



SW2
C.R. LAURENCECO., INC
(SCW103N)
CASHIER WINDOW UNIT
FINISH/COLOR: SATIN
ANODIZED

CONCESSION SHUTTER DOORS
(BASIS OF DESIGN)

SW1
PAYLON
ROLL-UP COUNTER DOOR -
GRILLE
FINISH: MILL-ALUMINUM

SHELVES
(BASIS OF DESIGN)

S1
ULINE (H-7499)
SURFACE
MOUNTED UTILITY
SHELF 48"w 12"d
FINISH:
STAINLESS STEEL,
SATIN

S2
ULINE (H-6147)
STAINLESS
STEEL WIRE
SHELVING
48"wX12"dX86"h

S3
ULINE (H-6148)
STAINLESS
STEEL WIRE
SHELVING
36"wX18"dX86"h

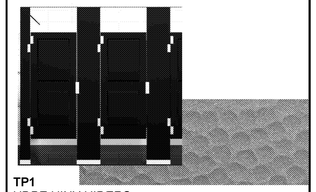
TOILET & URINAL
(BASIS OF DESIGN)

TL1
AMERICAN STANDARD
(3043.001.020-B)
MADERA ELONGATED
TOILET 17"H VITREOUS
CHINA W/ AUTOMATIC
FLUSH VALVE
COLOR: WHITE

HAND SINK
(BASIS OF DESIGN)

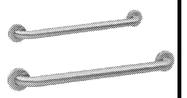
HS1
KATOM (K1410-CP)
WALL MOUNT COMMERCIAL
HAND SINK W/ FAUCET AND
17"x15"x5 1/2" BOWL
FINISH: STAINLESS STEEL

TOILET PARTITIONS
(BASIS OF DESIGN)



TP1
HDPE HINY HIDERS
SCRANTON PRODUCTS
COLOR: BRONZE
FINISH: HAMMERED

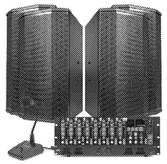
GRAB BARS
(BASIS OF DESIGN)



GB1
BOBRICK
GRAB BARS
36"

GB2
BOBRICK
GRAB BARS
42"

PA SYSTEM
(BASIS OF DESIGN)



PA1
PRO ACOUSTICS
(4P110MX9DA2500PTT1)
GYMNASIUM SPEAKER
SYSTEM WITH 4 10"
SPEAKERS

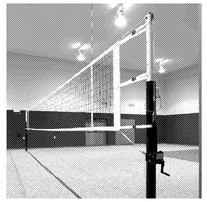
SCOREBOARD
(BASIS OF DESIGN)

SB1
ANTHEM SPORTS
(VSBX-230)
VARSITY 4' X 8' MULTI-
SPORT SCOREBOARD W/
WIRELESS CONTROLLER

POPCORN MACHINE
(BASIS OF DESIGN)

PM1
GOLD MEDAL PRODUCTS CO. (2911E)
COUNTER MODEL POPCORN MACHINE
FINISH: STAINLESS STEEL

VOLLEYBALL NET SYSTEM
(BASIS OF DESIGN)

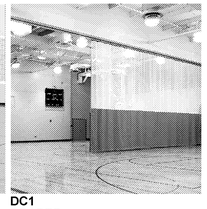


VB1
DRAPER (500021)
STEEL VOLLEYBALL SYSTEM
6' - 1" - 8' - 4" HEIGHT
ADJUSTMENT

JUDGE STAND
(BASIS OF DESIGN)

JS1
DRAPER (5014xx)
FREESTANDING
JUDGES STAND WITH
PROTECTIVE PADDING

DIVIDING CURTAIN
(BASIS OF DESIGN)



DC1
DRAPER
WALK DRAW DIVIDING CURTAIN
MESH UPPER - VINYL LOWER (RED FOR
ZYDECO CENTER. ORANGE FOR SPICE
CENTER)

MIRROR
(BASIS OF DESIGN)

M1
BOBRICK
CHANNEL FRAME
MIRROR W/ SAFETY
GLAZING
18"x24"

RESTROOM SINK & FAUCET
(BASIS OF DESIGN)

VS1
AMERICAN STANDARD
(9024001EC.020)
WALL HUNG VITREOUS
CHINA LAVATORY W/
FAUCET HOLE
COLOR: WHITE

SF1
AMERICAN
STANDARD (Z6915-XL)
ADA COMPLIANT
TOUCHLESS SENSOR
FAUCET CENTER SET
FINISH: POLISHED
CHROME

TOILET PAPER DISPENSER
(BASIS OF DESIGN)

TD1
ULINE
DOUBLE ROLL TOILET
TISSUE DISPENSER
STAINLESS STEEL

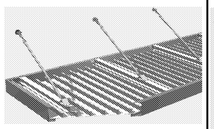
SOAP DISPENSER
(BASIS OF DESIGN)

SD1
ULINE
PUSH FOAMING
SOAP DISPENSER
1,000 ML, BLACK

SANITARY NAPKIN DISPOSAL
(BASIS OF DESIGN)

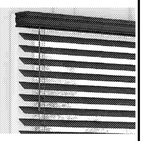
SN1
ULINE
WALL MOUNTABLE
SANITARY NAPKIN
RECEPTACLE
STAINLESS STEEL

METAL CANOPY
(BASIS OF DESIGN)



MTC1
MAPES (SUPER LUMIDECK
FLAT SOFFIT) 8' W/ HANGER
ROD SUPPORTS
FASCIA: 8" J
FINISH: 2-COAT KYNAR (BLACK)

BLINDS IN OFFICE
(BASIS OF DESIGN)

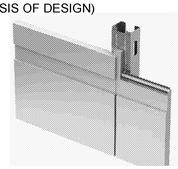


OB1
EVERWOOD®
ALTERNATIVE
WOOD BLINDS
2" POLYMER FAUX
WOOD

EXIT SIGN & WIRE GUARD
(BASIS OF DESIGN)

L7
LITHONIA (WIRE GUARD:
ELA WG1/ EXIT SIGN: -)
EXIT SIGN W/ WIRE
GUARD

INSULATED MTL SOFFIT PANEL
(BASIS OF DESIGN)

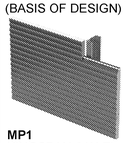


SP1
KINGSPAN (QUADCORE B
DESIGNWALL 2000) - SMOOTH
INSULATED MTL WALL PANEL -
HORIZONTAL APPLICATION 12"
WIDTH
EXTERIOR & INTERIOR COLOR:
IMPERIAL WHITE - SMP

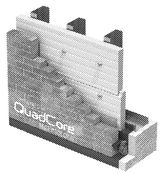
INSULATED MTL ROOF PANEL
(BASIS OF DESIGN)

RP1
KINGSPAN (KINGSEAM)
INSULATED STANDING SEAM
ROOF PANEL SYSTEM
EXTERIOR COLOR: IMPERIAL
WHITE - SMP
INTERIOR COLOR: WEATHERED
COPPER - PVDF
(REFER TO FINISHES FOR
COLORS)

INSULATED MTL WALL PANELS
(BASIS OF DESIGN)

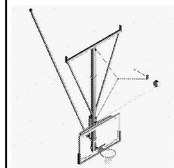


MP1
KINGSPAN (VALE)
INSULATED MTL WALL
PANEL - RIBBED PANEL
EXTERIOR COLOR:
WEATHERED ZINC - MICA
(439RZ1563M)
INTERIOR COLOR:
TAUPESTONE (437C1254)
(REFER TO FINISHES FOR
COLORS)

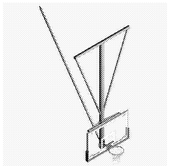


WP2
KINGSPAN
QUADCORE KARRIER
PANEL - FLAT PANEL

BASKETBALL GOALS
(BASIS OF DESIGN)



BG1
DRAPER (TF-20J)
BASKETBALL BACKSTOP
FORWARD FOLDING



BG2
DRAPER (TS-21)
BASKETBALL BACKSTOP
STATIONARY

BG3
DRAPER (503092)
GOALS MANUAL
HEIGHT ADJUSTER
8' - 10' HEIGHT
ADJUSTMENT

BIKE RACK
(BASIS OF DESIGN)

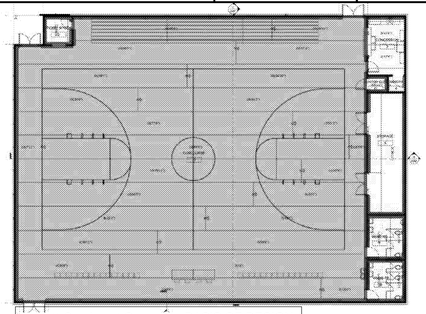
BR1
ULINE
DOUBLE-SIDED GRID BIKE RACK
- 18 BIKE CAPACITY, BLACK
H-2541BL

PAPER TOWEL HOLDER/ TRASH RECEPTACLE
(BASIS OF DESIGN)

TR2
BOBRICK (B-3940)
RECESSED CONVERTIBLE
PAPER TOWEL DISPENSER
& WASTE RECEPTACLE
FINISH: SATIN STAINLESS STEEL

WATER FOUNTAIN
(BASIS OF DESIGN)

WF1
ELKAY
LZSTL8WSLK EZH2O
BOTTLE FILLING STATION
AND VERSATILE BI-LEVEL
ADA COOLER, FILTERED,
8 GPH
LIGHT GRAY



Tarkett Omnisport Compact - BASIS OF DESIGN

Tarkett Tarkolay - BASIS OF DESIGN

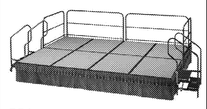
NOTE: FIX FLOORING TO ALL FLOOR COVER PLATES FLUSH & LEVEL WITH SURROUNDING TO CREATE A SEAMLESS APPEARANCE & CONSISTENT BALL BOUNCE

BASIS OF DESIGN : TARKETT OMNISPORT OR PRE-APPROVED EQUAL

area	net	gross	waste	perimeter	base	
Base 1 Only						
1					315'7"	
2					28'7"	
3					10'4"	
4					17'2"	
5					65'6"	
6					41'11"	
7					41'4"	
area count=7	**0.00sf**	**0.00sf**			**520'3"**	
Tarkett Omnisport Compact - 2.0mm : width 6'7": cutTol6.00": seam 96'3"						
2	59.96sf	57.78sf	-3.76%	31'		[6'7"] x [170'7"] gross
3	188.46sf	148.17sf	-27.19%	64'10"		
4	25.87sf	45.10sf	42.64%	20'9"		
5	353.25sf	496.38sf	28.84%	89'11"		
6	127.24sf	172.15sf	26.09%	45'3"		
7	121.59sf	199.55sf	39.07%	44'2"		
area count=6	**876.36sf**	**1119.14sf**	**21.69%**	**295'9"**		
Tarkett Omnisport Multi-Use 6.2mm : width 6'7": cutTol6.00": seam 1146'4"						
1	7596.52sf	8423.38sf	9.82%	357'8"		[6'7"] x [1279'6"] gross
area count=1	**7596.52sf**	**8423.38sf**	**9.82%**	**357'8"**		
Tarkett Tarkolay : width 6'7": cutTol6.00": seam 1350'6"						
8	8479.30sf	9682.56sf	12.43%	535'7"		[6'7"] x [1476'] gross
area count=1	**8479.30sf**	**9682.56sf**	**12.43%**	**535'7"**		
Transition 1						
1					18'1"	
area count=1	**0.00sf**	**0.00sf**			**18'1"**	
Transition 2						
1					24'1"	
area count=1	**0.00sf**	**0.00sf**			**24'1"**	
Plan Total	**16952.18sf**			**1188'11"**		

1 DATA SET
SCALE:NTS

PORTABLE STAGE
(BASIS OF DESIGN)

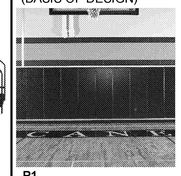


PS1
SICO (1800 SERIES)
PORTABLE STAGE 36" X 96"
SINGLE HEIGHT DECK (8
COUNT), 24" DECK HEIGHT
COLOR: BLACK DRAPES
DECKING: HARD SURFACE
(TUFF-DECK), ADA RAMP
REQUIRED

STAGE STEPS
(BASIS OF DESIGN)

SS1
SICO (1800 SERIES)
2 STEP RISE FOR 24" HIGH
STAGE W/ WHEELS &
GUARDRAILS
STEP BOARD: HARD
SURFACE (TUFF-DECK)

WALL PADDING
(BASIS OF DESIGN)



P1
DRAPER (ECOVISION -
CLASS A FIRE RATED)
VINYL WALL PADDING
24"X72" (PER PANEL)
COLOR: RED & ORANGE

GRAPHIC WALL PADDING
(BASIS OF DESIGN)

NOTE: DESIGN INTENT IS TO COORDINATE ALL COLORS WITHOUT LIMITATIONS BY MANUFACTURER REGARDLESS OF PRODUCTS WHETHER FLOOR COLORS, WALL GRAPHIC DECAL, WALL PADS WITH GRAPHIC, OR FRONT DOOR DECALS. SHOP DRAWINGS AND CUSTOM COLORS ARE REQUIRED TO ENSURE FULL COORDINATION OF DESIGN FOR ALL OF THESE ITEMS. GC TO SUBMIT SHOP DRAWINGS AND COLORS (PREMIUM, CUSTOM OR STANDARD) FOR REVIEW AND APPROVAL BY ARCHITECT PRIOR TO ORDERING.

P2
DRAPER (504912)
VINYL GRAPHIC WALL
PADDING - CLASS A
FIRE RATED
24"X72" (PER PANEL)
COLOR: CUSTOM
GRAPHIC DESIGN

ATTIC LADDER
(BASIS OF DESIGN)

AL1
RAINBOW ATTIC STAIR
(F3060-11) 11' - 2"
FOLDING ATTIC
LADDER 146 lbs.

PRIVACY CHAIN FENCE
(BASIS OF DESIGN)

PF1
BLACK VINYL CHAIN LINK
FENCE

GENERAL NOTES:
BASIS OF DESIGN: ALL MANUFACTURERS AND MODELS LISTED HERE ARE BASIS OF DESIGN.
1. TYPICAL PAINT GRADE AND FINISH: BENJAMIN MOORE ULTRA SPEC (SCUFF-X) INTERIOR LATEX - SATIN (486) OR PRE-APPROVED EQUAL.
2. ALL EXTERIOR METAL WORK SHALL RECEIVE AT MINIMUM UNLESS SPECIFIED OTHERWISE, A RUSTY METAL PRIMER WITH A PRE-APPROVED METAL PAINT. NOTE: WHERE POWDER COATING IS THE REQUIRED FINISH.
3. ALL NON-METAL EXTERIOR ITEMS TO RECEIVE AT MINIMUM MATERIAL APPROPRIATE PRIMER WITH ULTRA SPEC. GRADE TOP COAT OR BETTER 100% ACRYLIC PAINT SUITABLE FOR THE SUBSTRATE.

100% CONSTRUCTION DOCUMENTS

FLOORING FINISH PLAN & EQUIPMENT

CITY OF OPELOUSAS
SOUTH CITY PARK CENTER
(TBD) S Market St, Opelousas, LA 70570 St. Landry Parish
PROJECT ID: 20231117

db | ARCHITECTURE OF ACADIANA, LLC
TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

DAVID BEVERLY REG. NO. 7626 STATE OF LOUISIANA REGISTERED ARCHITECT

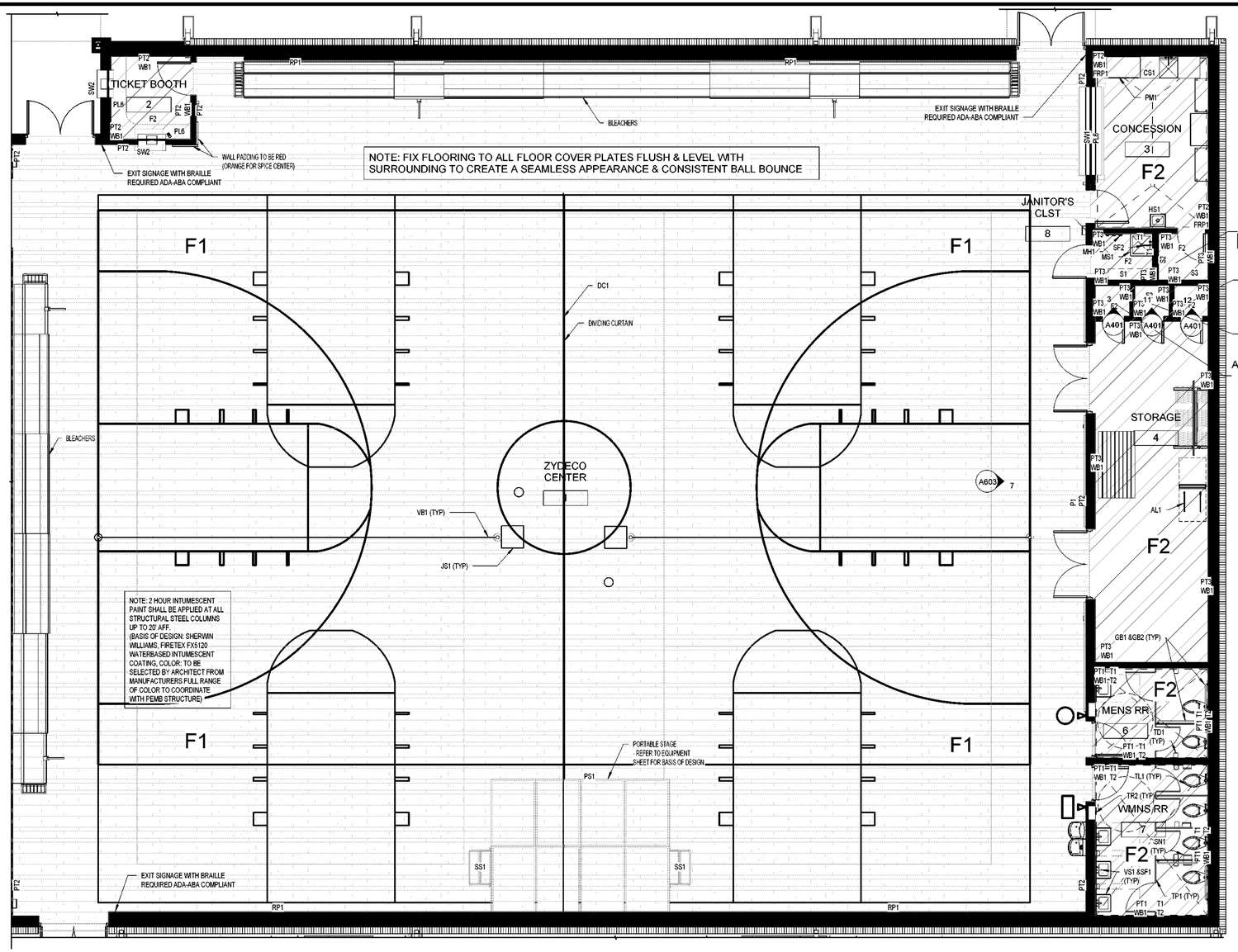
PROJECT NUMBER: 20231117
DATE: 01/17/2025
A600

DATE: 8/20/2023 2:27:49 PM COPYRIGHT dbARCHITECTURE of ACADIANA, LLC

COMMUNITY CENTER INTERIOR FINISH SCHEDULE

(BASIS OF DESIGN)

REF NUMBER	ITEM	DESCRIPTION	MANUFACTURER	ORIENTATION N	S	E	W	MODEL NUMBER	NOTE
ZYDECO AND SPICE COURTS									
MPC2	INSULATED MTL WALL PANEL	INTERIOR FACE OF INSULATED MTL WALL PANEL	KINGSPAN					437C1254	INTERIOR TO BE 24 GAUGE, COLOR: TAUPESTONE
RPC2	INSULATED MTL ROOF PANEL	INTERIOR FACE OF INSULATED MTL ROOF PANEL	KINGSPAN					PVDF	INTERIOR TO BE 26 GAUGE, COLOR: WEATHERED COPPER
WB1	WALL BASE	4" COVE WALL BASE WITH 5/8" TOE	ROPPE					700 SERIES	COLOR: 100 BLACK
F1	COURT FLOOR	SPORTS VINYL FLOORING	TARKETT					OMNISPORTS	6.2MM, COLOR: CLASSIC OAK
F2	FLOOR	SPORTS VINYL FLOORING	TARKETT					OMNISPORTS	2.0MM, COLOR: CLASSIC OAK
CB1	ZYDECO COURT BORDER	SPORTS VINYL FLOORING	TARKETT					OMNISPORTS	6.2MM, COLOR: RED
CB2	SPICE COURT BORDER	SPORTS VINYL FLOORING	TARKETT					OMNISPORTS	6.2MM, COLOR: ORANGE
CA1	ZYDECO COURT ACCENTS	SPORTS VINYL FLOORING	TARKETT					OMNISPORTS	6.2MM, COLOR: ORANGE
CA2	SPICE COURT ACCENTS	SPORTS VINYL FLOORING	TARKETT					OMNISPORTS	6.2MM, COLOR : RED
L1	LIGHTING	LED HIGH BAY	LITHONIA					JEBL	-
PT2	GYP WALLS	PAINT	BENJAMIN MOORE					HC-87	COLOR: ASHLEY GRAY
RP1	WALL PANEL	FIBERESIN PROTECTIVE WALL PANELING	PLAYCON					-	13/16" THICK, 48"X96"
BC1	BLEACHER	WALL ATTACHED TELESCOPING STANDS W/ POLYMER SEAT SYSTEM	HUSSEY					MAXAM XC10	SEAT COLOR: 452 SAND
BC2	BLEACHER	WALL ATTACHED TELESCOPING STANDS W/ POLYMER SEAT SYSTEM	HUSSEY					MAXAM XC10	SEAT COLOR: 156 TAN
BC3	BLEACHER	WALL ATTACHED TELESCOPING STANDS W/ POLYMER SEAT SYSTEM	HUSSEY					MAXAM XC10	SEAT COLOR: 963 BLACK
BH1	BLEACHER HANDRAILS	ADA COMPLIANT STEEL HANDRAILS	HUSSEY					-	COLOR: STANDARD BLACK
BD1	BLEACHER DECKING	YELLOW PINE DECKING	HUSSEY					-	COLOR: CLASSIC WOOD OAK
TICKET BOOTH									
F2	FLOOR	SPORTS VINYL FLOORING	TARKETT					OMNISPORTS	2.0MM, COLOR: CLASSIC OAK
CT1	CEILING	24"X48" PREFORATED FIBERGLASS ACT	ARMSTRONG					2906 SHASTA	NRC 0.70
CT2	CEILING SUSPENSION	ACT SUSPENSION SYSTEM 15/16"	ARMSTRONG					PRELUDE	-
L2	LIGHTING	24"X48" FLAT PANEL LED LIGHTING	LITHONIA					-	REFER TO MEP
WB1	WALL BASE	4" COVE WALL BASE WITH 5/8" TOE	ROPPE					700 SERIES	COLOR: 100 BLACK
PT2	GYP WALLS	PAINT	BENJAMIN MOORE					HC-87	COLOR: ASHLEY GRAY
PL6	DESK COUNTERTOP	PLASTIC LAMINATE	WILSONART					4623-60	COLOR: GRAPHITE NEBULA, MATTE FINISH
SW2	SECURITY WINDOW	CASHIER SECURITY WINDOW UNIT	CRL					SCW103N	FINISH: SATIN ANODIZED
CONCESSION									
F2	FLOOR	SPORTS VINYL FLOORING	TARKETT					OMNISPORTS	2.0MM, COLOR: CLASSIC OAK
CT1	CEILING	24"X48" PREFORATED FIBERGLASS ACT	ARMSTRONG					2906 SHASTA	NRC 0.70
CT2	CEILING SUSPENSION	ACT SUSPENSION SYSTEM 15/16"	ARMSTRONG					PRELUDE	-
L2	LIGHTING	24"X48" FLAT PANEL LED LIGHTING	LITHONIA					-	REFER TO MEP
WB1	WALL BASE	4" COVE WALL BASE WITH 5/8" TOE	ROPPE					700 SERIES	COLOR: 100 BLACK
PT2	GYP WALLS	PAINT	BENJAMIN MOORE	*	*	*	*	HC-87	COLOR: ASHLEY GRAY
FRP1	WAINSCOT	FIBERLITE WALL PANELING	NUDO					LP-F9	TEXTURED, 4'X8', COLOR: WHITE (151)
CS2	HAND SINK	WALL MOUNT COMMERCIAL SINK W/ FAUCET	KATOH	*	*	*	*	K1410-CP	17"x 15"x 5 1/2", FINISH: STAINLESS STEEL
CS1	SINK UNIT	16 GAUGE STAINLESS STEEL WORK TABLE W/ DROP IN SINK	BK RESOURCES					CVTRS-9630	96"X30"X45", FINISH: STAINLESS STEEL
SW1	SHUTTER DOOR	ROLL-UP COUNTER DOOR - GRILLE	PAYLON						
PM1	POPCORN MACHINE	COUNTER MODEL POPCORN MACHINE	GOLD MEDAL PRODUCTS					2911E	FINISH: STAINLESS STEEL
PL6	DESK COUNTERTOP	PLASTIC LAMINATE	WILSONART					4623-60	COLOR: GRAPHITE NEBULA, MATTE FINISH
OFFICES & HALL									
PT3	GYP WALL	PAINT	BENJAMIN MOORE					1534	COLOR: RODEO
WB1	WALL BASE	4" COVE WALL BASE WITH 5/8" TOE	ROPPE					700 SERIES	COLOR: 100 BLACK
F2	FLOOR	SPORTS VINYL FLOORING	TARKETT					OMNISPORTS	2.0MM, COLOR: CLASSIC OAK
CT1	CEILING	24"X48" PREFORATED FIBERGLASS ACT	ARMSTRONG					2906 SHASTA	NRC 0.70
CT2	CEILING SUSPENSION	ACT SUSPENSION SYSTEM 15/16"	ARMSTRONG					PRELUDE	-
L4	LIGHTING	24"X24" FLAT PANEL LIGHTING FOR ACT	LITHONIA						
JANITOR'S CLOSET									
F2	FLOOR	SPORTS VINYL FLOORING	TARKETT					OMNISPORTS	2.0MM, COLOR: CLASSIC OAK
CT1	CEILING	24"X48" PREFORATED FIBERGLASS ACT	ARMSTRONG					2906 SHASTA	NRC 0.70
CT2	CEILING SUSPENSION	ACT SUSPENSION SYSTEM 15/16"	ARMSTRONG					PRELUDE	-
L4	LIGHTING	24"X24" FLAT PANEL LIGHTING FOR ACT	LITHONIA					-	-
WB1	WALL BASE	4" COVE WALL BASE WITH 5/8" TOE	ROPPE					700 SERIES	COLOR: 100 BLACK
PT3	GYP WALL	PAINT	BENJAMIN MOORE	*	*	*	*	1534	COLOR: RODEO
T1	WALL TILE	4"x12" GLAZED CERAMIC TILE	AMERICAN OLEAN					-	COLOR: BLACK 0049 GLOSSY
MS1	MOP SINK	STAINLESS STEEL FLOOR MOP SINK	GRIDMANN					MP-GR27	22"X19"X12", FINISH: STAINLESS STEEL
SF2	FAUCET	8" WALL MOUNT MANUAL SERVICE SINK FAUCET	T&S					B-0665-BSTP	-
MH1	MOP HANGER	STAINLESS STEEL MOP HANGER W/ 3 RUBBER GRIPS	T&S					B-0653	17 11/16" X 2 5/8", FINISH:: STAINLESS STEEL
S1	SHELVING	SURFACE MOUNTED UTILITY SHELF	ULINE					H-7499	FINISH: STAINLESS STEEL
PANTRY									
F2	FLOOR	SPORTS VINYL FLOORING	TARKETT					OMNISPORTS	2.0MM, COLOR: CLASSIC OAK
CT1	CEILING	24"X48" PREFORATED FIBERGLASS ACT	ARMSTRONG					2906 SHASTA	NRC 0.70
CT2	CEILING SUSPENSION	ACT SUSPENSION SYSTEM 15/16"	ARMSTRONG					PRELUDE	-
L4	LIGHTING	24"X24" FLAT PANEL LIGHTING FOR ACT	LITHONIA					-	-
WB1	WALL BASE	4" COVE WALL BASE WITH 5/8" TOE	ROPPE					700 SERIES	COLOR: 100 BLACK
PT3	GYP WALL	PAINT	BENJAMIN MOORE	*	*	*	*	1534	COLOR: RODEO
-	SHELVES	-	-	*	*	*	*	-	-
STORAGE									
F2	FLOOR	SPORTS VINYL FLOORING	TARKETT	*	*	*	*	OMNISPORTS	2.0MM, COLOR: CLASSIC OAK
CT1	CEILING	24"X48" PREFORATED FIBERGLASS ACT	ARMSTRONG					2906 SHASTA	NRC 0.70
CT2	CEILING SUSPENSION	ACT SUSPENSION SYSTEM 15/16"	ARMSTRONG	*	*	*	*	PRELUDE	-
L2	LIGHTING	24"X48" FLAT PANEL LED LIGHTING	LITHONIA					-	REFER TO MEP
WB1	WALL BASE	4" COVE WALL BASE WITH 5/8" TOE	ROPPE					700 SERIES	COLOR: 100 BLACK
PT3	GYP WALL	PAINT	BENJAMIN MOORE	*	*	*	*	1534	COLOR: RODEO
RESTROOMS									
F2	FLOOR	SPORTS VINYL FLOORING	TARKETT					OMNISPORTS	2.0MM, COLOR: CLASSIC OAK
CT1	CEILING	24"X48" PREFORATED FIBERGLASS ACT	ARMSTRONG					2906 SHASTA	NRC 0.70
CT2	CEILING SUSPENSION	ACT SUSPENSION SYSTEM 15/16"	ARMSTRONG					PRELUDE	-
WB1	WALL BASE	4" COVE WALL BASE WITH 5/8" TOE	ROPPE					700 SERIES	COLOR: 100 BLACK
L2	LIGHTING	24"X48" FLAT PANEL LED LIGHTING	LITHONIA					-	REFER TO MEP
PT1	WALL ABOVE TILES	PAINT	BENJAMIN MOORE					#1550	COLOR: CUMULUS CLOUD
T1	WALL TILE	4"x12" GLAZED CERAMIC TILE	AMERICAN OLEAN					-	COLOR: BLACK 0049 GLOSSY
T2	WALL TILE	4"x12" GLAZED CERAMIC TILE	AMERICAN OLEAN					-	COLOR: STABLE 0055 GLOSSY
G1	GROUT	EPOXY GROUT	LATICRETE					SPECTRA LOCK PRO PREMIUM	COLOR: #22 MIDNIGHT BLACK
TP1	TOILET PARTITIONS	HIGH-DENSITY POLYETHYLENE PARTITIONS	SCRANTON					HINY HIDERS	COLOR: BRONZE, FINISH: HAMMERED
U1	URINAL (MENS RR)	ADA COMPLIANT VITREOUS CHINA WASHOUT URINAL W/ AUTOMATIC FLUSH VALVE	KOHLER					K-4991-ET-0	COLOR: BARDON WHITE
TL1	TOILET	ELONGATED TOILET 17"H VITREOUS CHINA W/ AUTOMATIC FLUSH VALVE	AMERICAN STANDARD					3043.001.020-B	COLOR: MADERA WHITE
VS1	SINK	WALL HUNG VITREOUS CHINA LAVATORY W/ FAUCET HOLES	AMERICAN STANDARD					9024001EC.020	COLOR: WHITE
SF1	SENSOR FAUCET	ADA COMPLIANT TOUCHLESS SENSOR FAUCET	ZURN					Z6915-XL	AQUASENSE, FINISH: POLISHED CHROME
GB1	GRAB BAR	36" STRAIGHT GRAB BARS	BOBRICK					B-5806	1 1/4" DIAMETER, FINISH: SATIN
GB2	GRAB BAR	42" STRAIGHT GRAB BARS	BOBRICK					B-5806	1 1/4" DIAMETER, FINISH:: SATIN
SD1	SOAP DISPENSER	PUSH FOAMING DISPENSER 1,000 ML	ULINE					H-3905BL	COLOR: BLACK
TD1	TOILET ROLL HOLDER	DOUBLE ROLL TOILET TISSUE DISPENSER	ULINE					H-2546	FINISH: STAINLESS STEEL
M1	MIRROR	CHANNEL FRAME MIRROR 18" X 24"	BOBRICK					B-165	FINISH: STAINLESS STEEL POLISHED
SN1	SANITARY NAPKIN	WALL MOUNTABLE SANITARY NAPKIN RECEPTACLE	ULINE					H-3454	FINISH: STAINLESS STEEL
TR1	TRASH & NAPKIN DISPENSER	ADA TRASH & PAPER TOWEL SURFACE MOUNT	BOBRICK					B-3949	FINISH: STAINLESS STEEL
A/V CLOSETS (TYP)									
F2	FLOOR	SPORTS VINYL FLOORING	TARKETT					OMNISPORTS	2.0MM, COLOR: CLASSIC OAK
CT1	CEILING	24"X48" PREFORATED FIBERGLASS ACT	ARMSTRONG					2906 SHASTA	NRC 0.70
CT2	CEILING SUSPENSION	ACT SUSPENSION SYSTEM 15/16"	ARMSTRONG					PRELUDE	-
L4	LIGHTING	24"X24" FLAT PANEL LIGHTING FOR ACT	LITHONIA					-	-
WB1	WALL BASE	4" COVE WALL BASE WITH 5/8" TOE	ROPPE					700 SERIES	COLOR: 100 BLACK
PT3	GYP WALL	PAINT	BENJAMIN MOORE					1534	COLOR: RODEO



FINISH FLOOR PLAN - ZYDECO & SPICE CENTERS (REFER TO FINISH SCHEDULE FOR DIFFERENCES)

SCALE: 3/16" = 1'-0"

REF NUMBER	FINISH FLOOR LEGEND
F1	CLASSIC OAK 6.2 mm
F2	CLASSIC OAK 2.0 mm

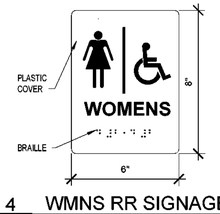
SIGNAGE KEY

- MENS — TYPE A - WALL MOUNTED MENS RESTROOM IDENTIFICATION
- WOMENS — TYPE B - WALL MOUNTED WOMENS RESTROOM IDENTIFICATION

COMPLY WITH ADA REQUIRMENTS

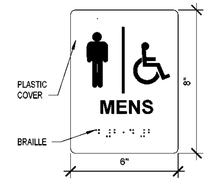
NOTE: RESTROOM SIGNAGE IS FLIPPED/MIRRORED FOR SPICE CENTER

NOTE: EXIT SIGNAGE WITH BRAILLE ADA-ABA COMPLIANT IS REQUIRED AT ALL EXITS



4 WMNS RR SIGNAGE

SCALE: 3" = 1'-0"

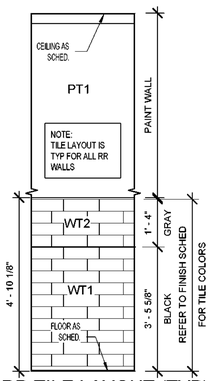


3 MENS RR SIGNAGE

SCALE: 3" = 1'-0"

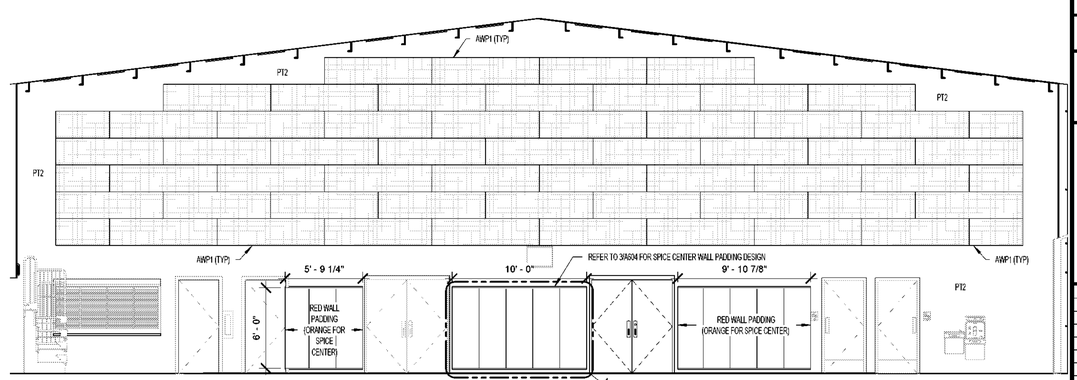
NOTES:
BASIS OF DESIGN: ALL MANUFACTURERS AND MODELS LISTED HERE ARE BASIS OF DESIGN

1. TYPICAL PAINT GRADE AND FINISH: BENJAMIN MOORE ULTRA SPEC (SCUFF-X) INTERIOR LATEX - SATIN (486) OR PRE-APPROVED
2. ALL EXTERIOR METAL WORK SHALL RECEIVE AT MINIMUM WHEN SPECIFIED OTHERWISE, A RUST METAL PRIMER WITH A PREAPPROVED METAL PAINT. NOTE: WHERE POWDER COATING IS NOTED/SPECIFIED, POWDER COATING IS THE REQUIRED FINISH.
3. ALL NON-METAL EXTERIOR ITEMS TO RECEIVE PAINT SHALL RECEIVE AT MINIMUM MATERIAL APPROPRIATE PRIMER WITH ULTRA SPEC GRADE TOP COAT OR BETTER 100% ACRYLIC PAINT SUITABLE FOR THE SUBSTRATE.



8 JAN & RR TILE LAYOUT (TYP)

SCALE: 1/2" = 1'-0"



7 ZYDECO & SPICE CENTER - INT WALL ELEV - SOUTH

SCALE: 3/16" = 1'-0"

100% CONSTRUCTION DOCUMENTS

FINISH SCHED & PLAN - ZYDECO & SPICE CENTERS

CITY OF OPELOUSAS

SOUTH CITY PARK CENTER

(TBD) S Market St. Opelousas, LA 70570 — St. Landry Parish

PROJECT ID: 20231117

db | ARCHITECTURE OF ACADIANA, LLC

TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

DAVID BEVERLY REG. NO. 7678 — REGISTERED ARCHITECT — STATE OF LOUISIANA

PROJECT NUMBER: 20231117

DATE: 01/17/2025

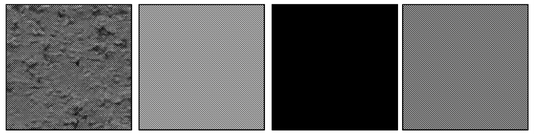
A603

DATE: 8/20/2025 3:24:09 PM COPYRIGHT dbARCHITECTURE of ACADIANA, LLC

EXTERIOR FINISHES

(BASIS OF DESIGN)

NOTE: ALL EXTERIOR FINISHES REQUIRE SAMPLES FOR SUBMITTAL & APPROVAL PRIOR TO ORDERING.



B1
ACME BRICK (BL-5)
COLOR: TUSCANY
TEXTURE: VELOUR

EP1
BENJAMIN MOORE
ELECTRIC ORANGE
2015-10

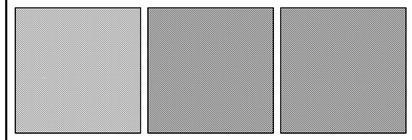
MT1
BLACK METAL

GUTTERS & DOWNSPOUTS:
SENOX
(TRADITIONAL BLACK)

MR1
HOLCIM (-)
RAINBOW
MORTAMIX
COLOR: CORAL

WALL PAINT

(BASIS OF DESIGN)



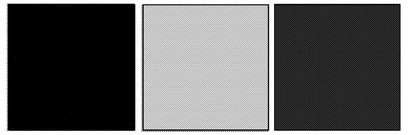
PT1
BENJAMIN MOORE
1550
CUMULUS CLOUD

PT2
BENJAMIN MOORE
HC-87
ASHLEY GRAY

PT3
BENJAMIN MOORE
1534
RODEO

WALL TILE

(BASIS OF DESIGN)



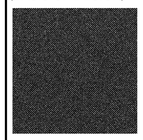
WT1
AMERICAN OLEAN
BLACK 4"x12"
0049

WT2
AMERICAN OLEAN
STABLE 4"x12"
0055

G1
LATICRETE
22 MIDNIGHT BLACK
GROUT

PLASTIC LAMINATES

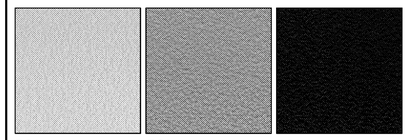
(BASIS OF DESIGN)



PL6
WILSONART
PLASTIC LAMINATE
COLOR: GRAPHITE NEBULA
MATTE FINISH
4623-60

BLEACHER SEATS

(BASIS OF DESIGN)



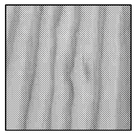
BC1
HUSSEY
COURTSIDE XC10
COLOR: SAND 452

BC2
HUSSEY
COURTSIDE XC10
COLOR: TAN 156

BC3
HUSSEY
COURTSIDE XC10
COLOR: BLACK 983

BLEACHER DECKING

(BASIS OF DESIGN)



BD1
HUSSEY
COLOR: CLASSIC
WOOD DECKING

BLEACHER HANDRAIL

(BASIS OF DESIGN)

BH1
HUSSEY
COLOR:
STANDARD BLACK

WALL BASE

(BASIS OF DESIGN)

WB1
ROPPE
700 SERIES 4"
COVE WALL BASE
5/8" TOE BASE
COLOR: 100 BLACK

FRP WALL PANELING

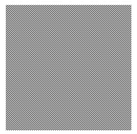
(BASIS OF DESIGN)

FRP1
NUDO (LP-F9)
FIBERLITE WALL
PANELING 4'X8'
TEXTURED
COLOR:
WHITE(151)

INTERIOR METAL PANEL - FACE COLORS

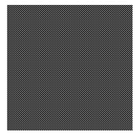
(BASIS OF DESIGN)

WALL PANEL



MPC2
KINGSPAN
INTERIOR FACE OF
MTL WALL PANEL
COLOR: TAUPESTONE
(437C1254)

ROOF PANEL

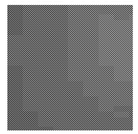


RPC2
KINGSPAN
INTERIOR FACE OF
MTL ROOF PANEL
COLOR: WEATHERED
COPPER (PVDF)

EXTERIOR METAL PANEL - FACE COLORS

(BASIS OF DESIGN)

WALL PANEL



MPC1
KINGSPAN
EXTERIOR FACE OF
MTL WALL PANEL
COLOR: WEATHERED
ZINC - MICA
(439RZ1563M)

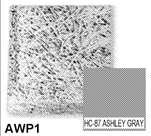
ROOF PANEL

RPC1
KINGSPAN
EXTERIOR FACE OF
MTL ROOF PANEL
COLOR: IMPERIAL
WHITE (SMP)

ACOUSTICAL PANELS

(BASIS OF DESIGN)

WALL PANEL



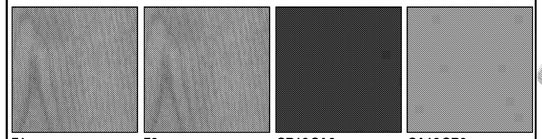
AWP1
ACOUSTICAL SURFACES
ACOUSTICAL WALL
PANELS W/ BEVELED
EDGE 24"W X 96"L X 2"
THICK
NRC .75, 4 LBS./ SF.
COLOR: NATURAL
(COLOR TO BE HC-87
ASHLEY GRAY - PT2)

CEILING PANEL

ACP2
ACOUSTICAL
SURFACES
ACOUSTICAL CEILING
PANELS 24" X 48" X 2"
THICK
NRC .70 - .80, 1/2 LB./ SF.
COLOR: CHARCOAL

FLOOR

(BASIS OF DESIGN)



F1
TARKETT
OMNISPORTS
MULTIUSE 6.2mm
COLOR: CLASSIC
OAK

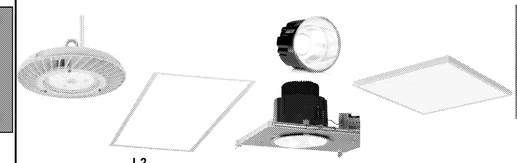
F2
TARKETT
OMNISPORTS
MULTIUSE 2.0mm
COLOR: CLASSIC
OAK

CB1&CA2
TARKETT
OMNISPORTS
MULTIUSE
COLOR: RED

CA1&CB2
TARKETT
OMNISPORTS
MULTIUSE
COLOR: ORANGE

INTERIOR LIGHTING FIXTURES

(BASIS OF DESIGN)



L1
LITHONIA
JEBL LED HIGH
BAY

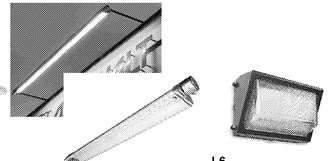
L2
24" X 48" FLAT
PANEL LED -
LITHONIA
LIGHTING

L3
8" CAN LIGHTING
WILLIAMS
LIGHTING

L4
LITHONIA LIGHTING
24" X 24" FOR ACT

EXTERIOR LIGHTING FIXTURES

(BASIS OF DESIGN)

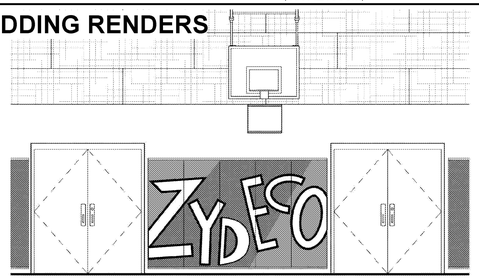


L5
ALCON LIGHTING
(31029)
8' LENGTH
EXTERIOR FINISH: BLACK

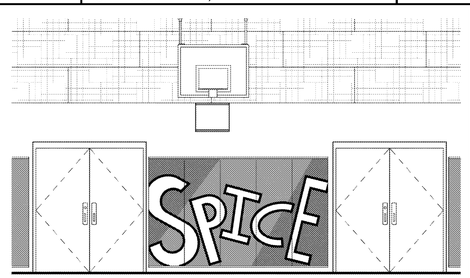
L6
ARCHITECTURAL
LED
WALL PACK
TWR1-LED-AL0-
SWW2-UVOLT-PE-
DDBTXD
LITHONIA LIGHTING

WALL PADDING RENDERS

NOTE: DESIGN INTENT IS TO COORDINATE ALL COLORS WITHOUT LIMITATIONS BY MANUFACTURER REGARDLESS OF PRODUCTS WHETHER FLOOR COLORS, WALL GRAPHIC DECAL, WALL PADS WITH GRAPHIC, OR FRONT DOOR DECALS. SHOP DRAWINGS AND CUSTOM COLORS ARE REQUIRED TO ENSURE FULL COORDINATION OF DESIGN FOR ALL OF THESE ITEMS. GC TO SUBMIT SHOP DRAWINGS AND COLORS (PREMIUM, CUSTOM OR STANDARD) FOR REVIEW AND APPROVAL BY ARCHITECT PRIOR TO ORDERING.



1 ZYDECO WALL PADDING RENDER
SCALE: 1/4" = 1'-0"



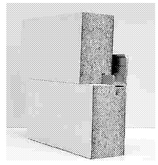
3 SPICE WALL PADDING RENDER
SCALE: 1/4" = 1'-0"

LOGO FOR CENTER COURT & EXTERIOR SIGNAGE

OPELOUSAS CITY SEAL

IMPACT RESISTANT WALL SYSTEM

(BASIS OF DESIGN)

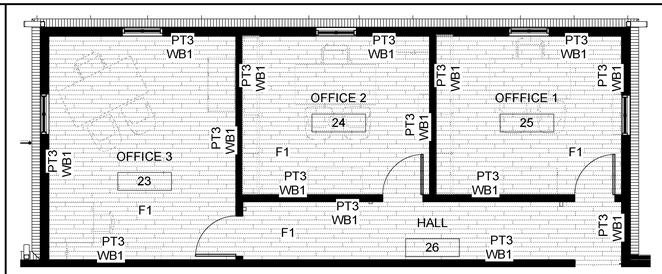


RP1
PLAYCON
FIBERESIN GYM WALL
PANEL 13/16" THICK x
48" x 96"

CEILING

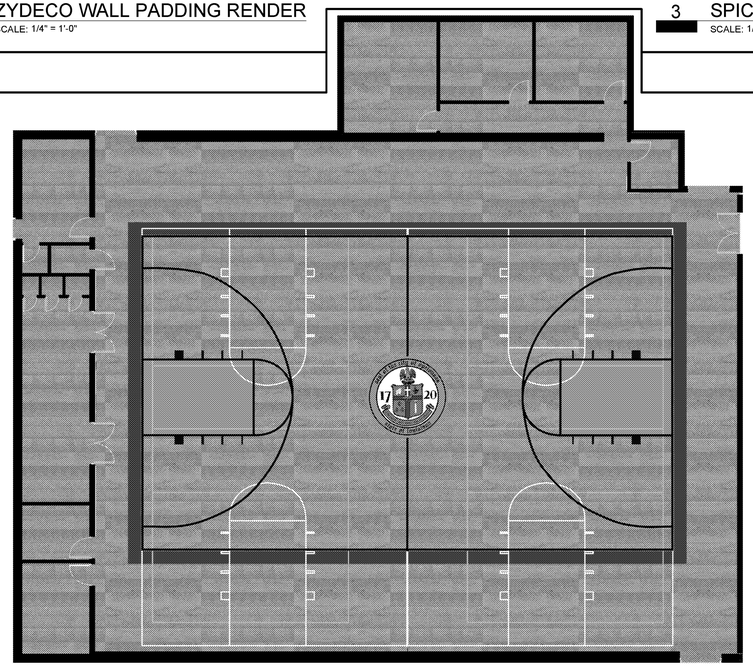
(BASIS OF DESIGN)

CT1
ARMSTRONG (2906
SHASTA)
PERFORATED
FIBERGLASS ACT
24"X48"
NRC0.70



PARTIAL FINISH FL PLAN - SPICE CENTER
SCALE: 3/16" = 1'-0"

FULL COURT RENDERS

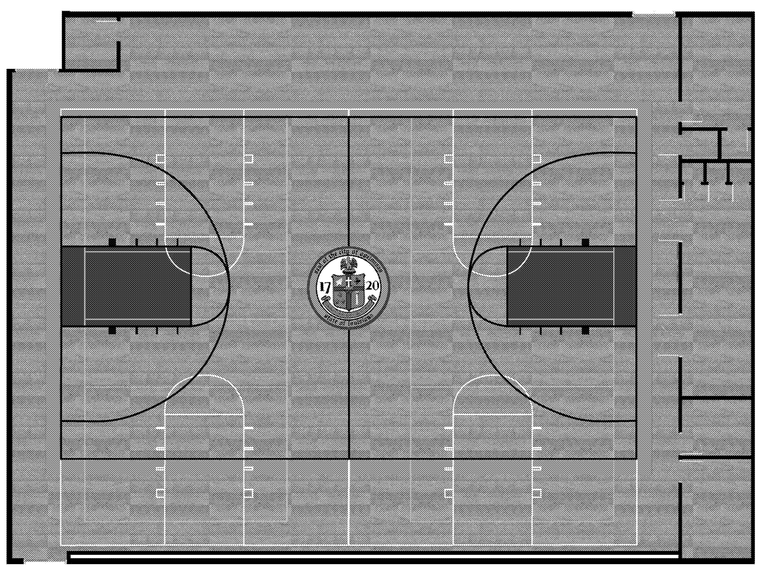


RENDERED COURT FLOOR - SPICE CENTER
SCALE: 1" = 10'-0"

RENDERED COURT LEGEND

- CLASSIC OAK:
  - Flooring
- BLACK:
  - Full Basketball Lines (Primary)
- ORANGE:
  - Main Court Border
- WHITE:
  - Biddy Basketball Court
- BROWN:
  - Volleyball Lines
- RED:
  - Shaded Free Throw Zone
  - Center Court Circle Border

NOTE: DESIGN INTENT IS TO COORDINATE ALL COLORS WITHOUT LIMITATIONS BY MANUFACTURER REGARDLESS OF PRODUCTS WHETHER FLOOR COLORS, WALL GRAPHIC DECAL, WALL PADS WITH GRAPHIC, OR FRONT DOOR DECALS. SHOP DRAWINGS AND CUSTOM COLORS ARE REQUIRED TO ENSURE FULL COORDINATION OF DESIGN FOR ALL OF THESE ITEMS. GC TO SUBMIT SHOP DRAWINGS AND COLORS (PREMIUM, CUSTOM OR STANDARD) FOR REVIEW AND APPROVAL BY ARCHITECT PRIOR TO ORDERING.



RENDERED COURT FLOOR - ZYDECO CENTER
SCALE: 1" = 10'-0"

GENERAL NOTES:
BASIS OF DESIGN: ALL MANUFACTURERS AND MODELS LISTED HERE ARE BASIS OF DESIGN.
1. TYPICAL PAINT GRADE AND FINISH: BENJAMIN MOORE ULTRA SPEC (SCUFF-X) INTERIOR LATEX - SATIN (486) OR PRE-APPROVED EQUAL.
2. ALL EXTERIOR METAL WORK SHALL RECEIVE AT MINIMUM UNLESS SPECIFIED OTHERWISE, A RUSTY METAL PRIMER WITH A PRE-APPROVED METAL PAINT. NOTE: WHERE POWDER COATING IS THE REQUIRED FINISH.
3. ALL NON-METAL EXTERIOR ITEMS TO RECEIVE AT MINIMUM MATERIAL APPROPRIATE PRIMER WITH ULTRA SPEC. GRADE TOP COAT OR BETTER 100% ACRYLIC PAINT SUITABLE FOR THE SUBSTRATE.

100% CONSTRUCTION DOCUMENTS

FINISH BOARD, SCHEDULE, & PLAN - SPICE CENTER

CITY OF OPELOUSAS

SOUTH CITY PARK CENTER

(TBD) S Market St, Opelousas, LA 70570 — St. Landry Parish

PROJECT ID: 20231117

db | ARCHITECTURE OF ACADIANA, LLC

TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

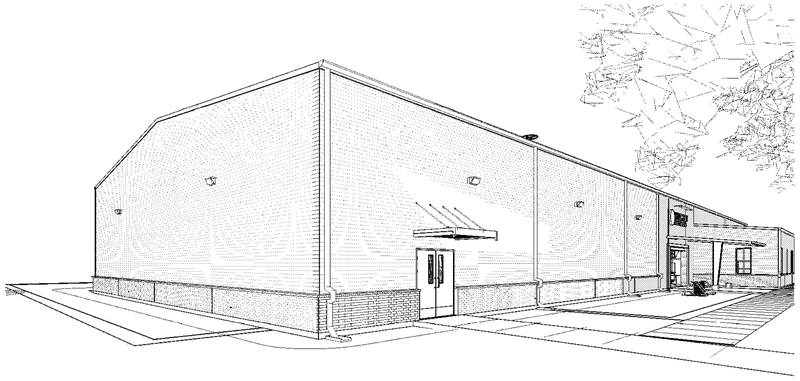
DAVID BEVERLY REG. NO. 7478 REGISTERED ARCHITECT STATE OF LOUISIANA

PROJECT NUMBER: 20231117

DATE: 01/17/2025

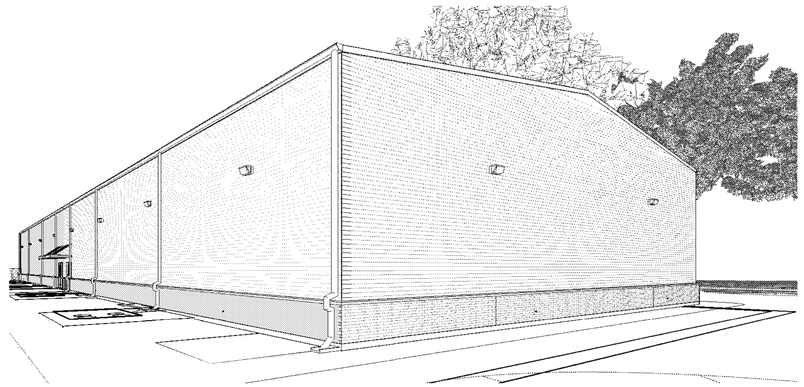
A604

DATE: 8/20/2023, 2:27:49 PM COPYRIGHT @ARCHITECTURE of ACADIANA, LLC

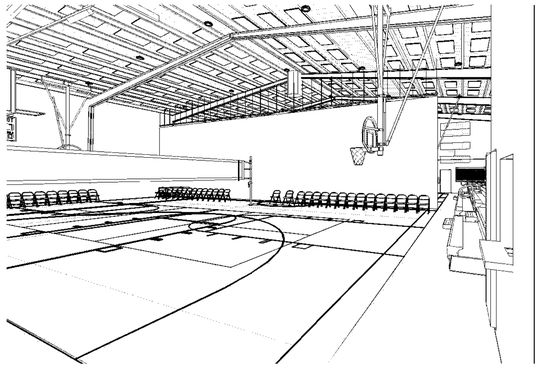


2 REAR - LOOKING TOWARDS NORTH
SCALE:NTS

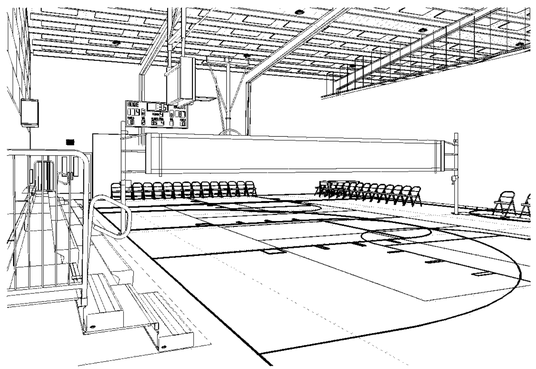
1 ENTRY - LOOKING TOWARD SOUTH EAST
SCALE:NTS



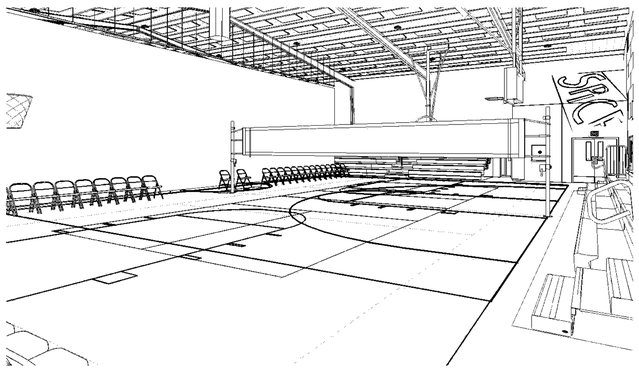
4 REAR - LOOKING TOWARD NORTH WEST
SCALE:NTS



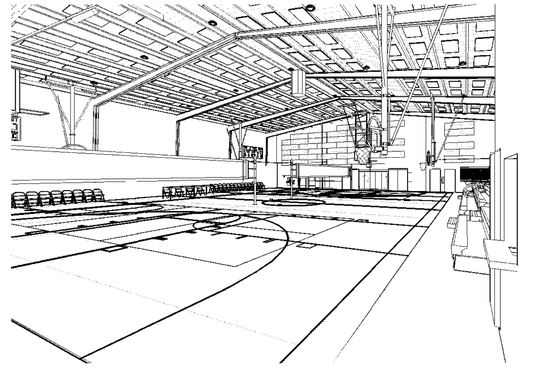
3 FROM MAIN ENTRY - TOWARD BLEACHER
SCALE:NTS



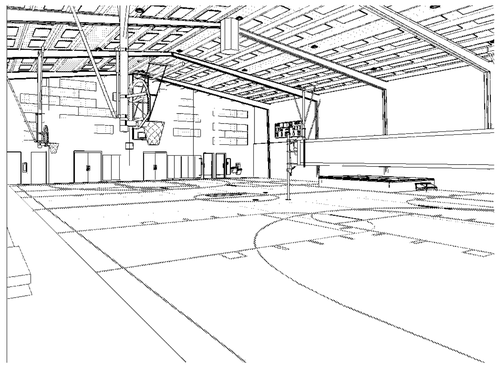
5 FROM MAIN ENTRY - TOWARD SCOREBOARD
SCALE:NTS



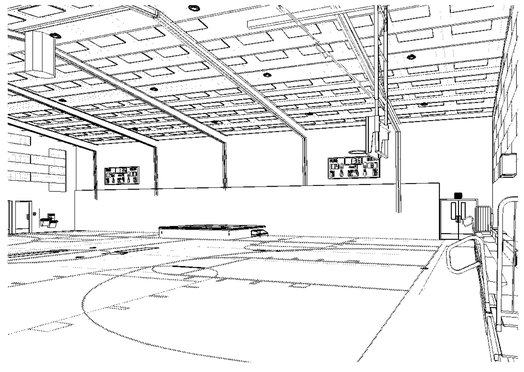
6 FROM REAR ENTRY - TOWARD MAIN ENTRY
SCALE:



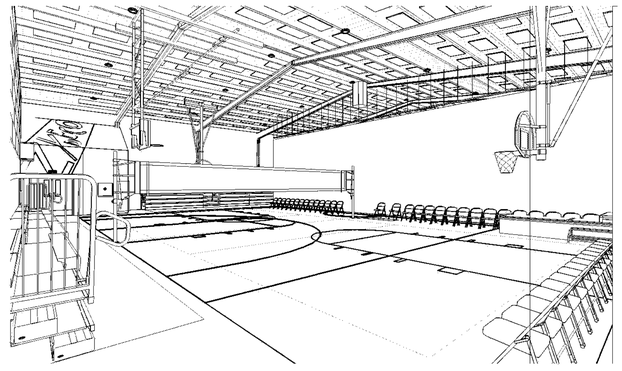
10 FROM MAIN ENTRY - TOWARD FULL COURT
SCALE:



7 FROM MAIN ENTRY - TOWARD EVENT CENTER
SCALE:NTS



8 FROM MAIN ENTRY - TOWARD STAGE
SCALE:NTS



11 FROM REAR ENTRY - TOWARD EVENT CENTER
SCALE:NTS

100% CONSTRUCTION DOCUMENTS

3D VIEWS

CITY OF OPELOUSAS

SOUTH CITY PARK CENTER

(TBD) S Market St, Opelousas, LA 70570 St. Landry Parish

PROJECT ID: 20231117

db ARCHITECTURE OF ACADIANA, LLC

TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

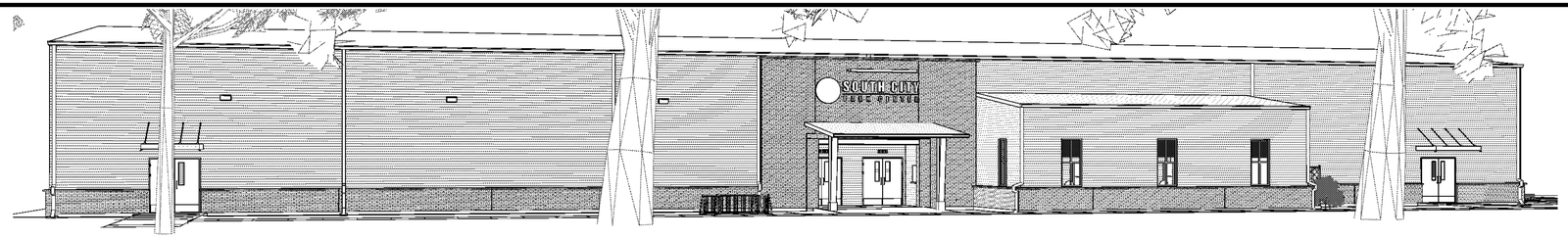
DAVID BEVERLY REG. NO. 7504 REGISTERED ARCHITECT STATE OF LOUISIANA 01/17/2025

PROJECT NUMBER: 20231117

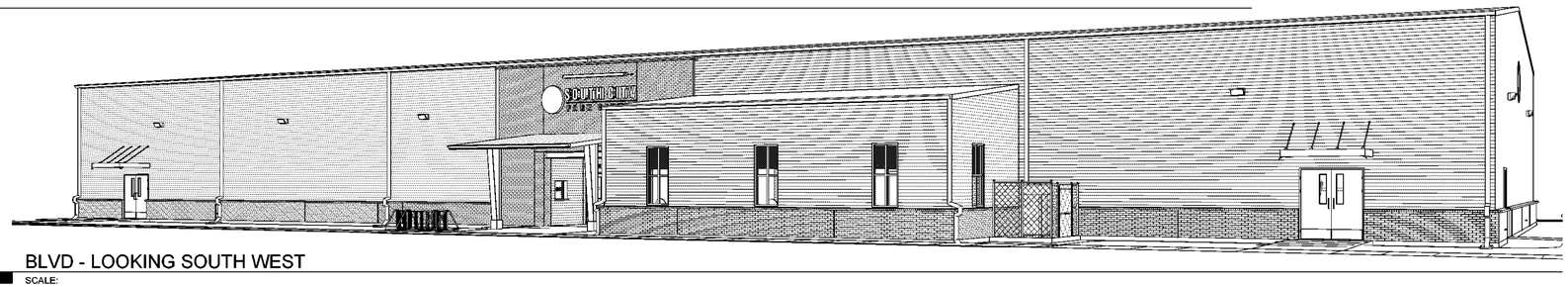
DATE: 01/17/2025

A700

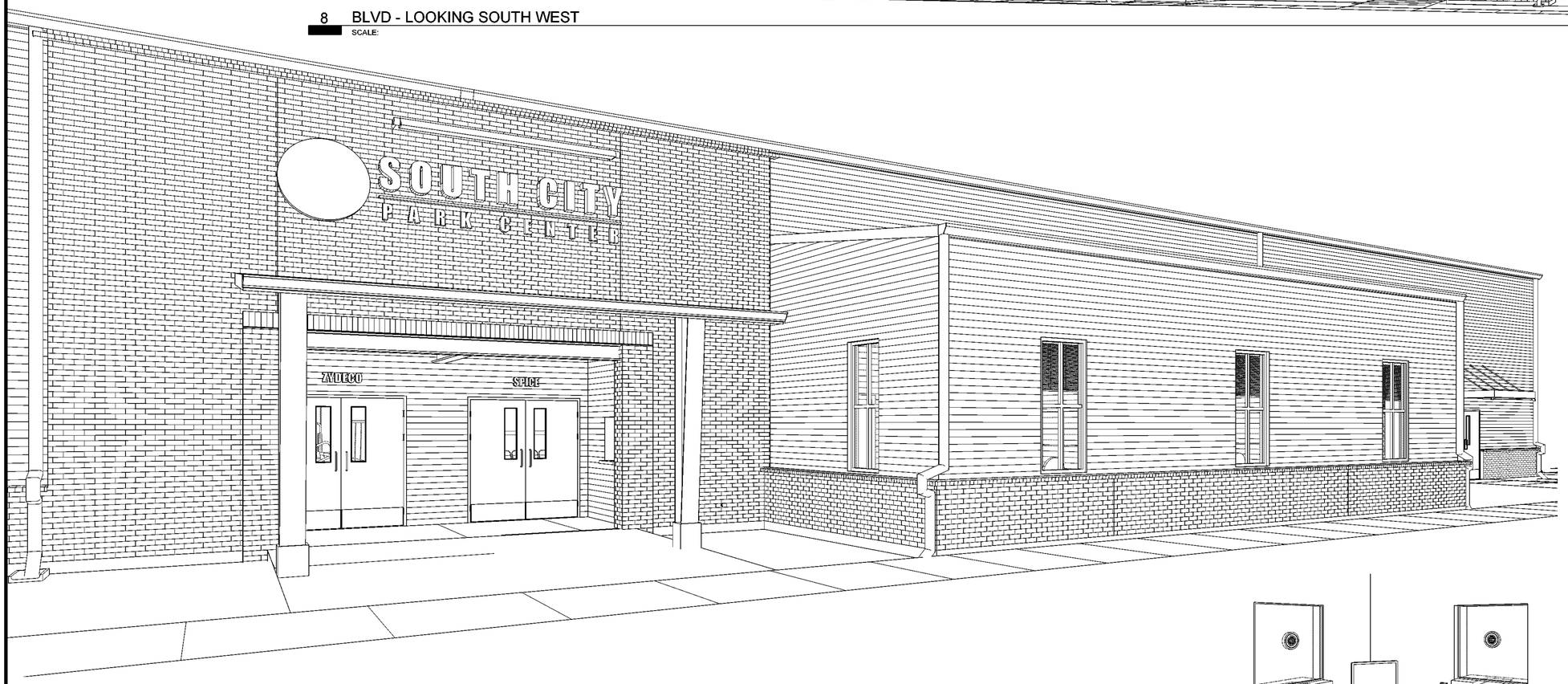
DATE 2/2/2023 3:50:12 PM COPYRIGHT dbARCHITECTURE of ACADIANA, LLC



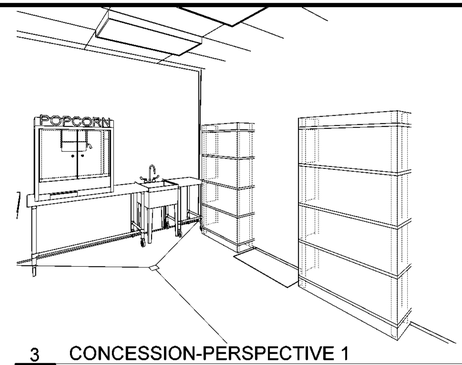
1 BLVD - LOOKING WEST
SCALE:



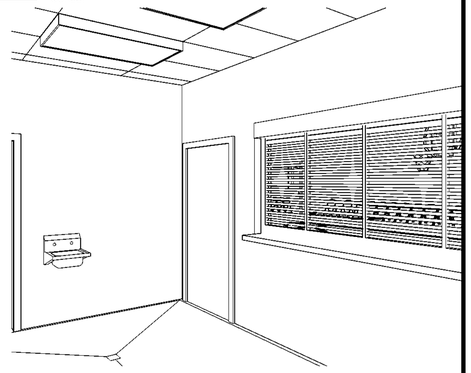
8 BLVD - LOOKING SOUTH WEST
SCALE:



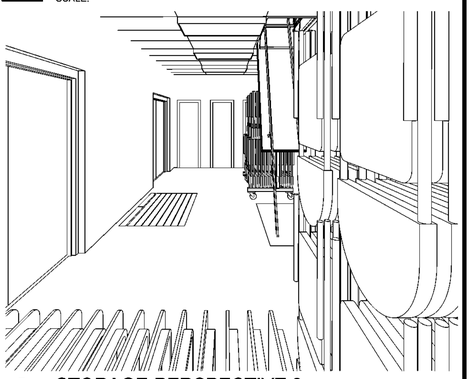
6 MAIN ENTRY - LOOKING NORTH WEST
SCALE:



3 CONCESSION-PERSPECTIVE 1
SCALE:



4 CONCESSION-PERSPECTIVE 2
SCALE:



5 STORAGE-PERSPECTIVE 2
SCALE:

7 TICKET BOOTH - PERSPECTIVE VIEW
SCALE:

DATE: 2/2/2023 3:53:07 PM COPYRIGHT @ARCHITECTURE of ACADIANA, LLC

100% CONSTRUCTION DOCUMENTS

3D VIEWS

CITY OF OPELOUSAS

SOUTH CITY PARK CENTER

(TBD) S Market St. Opelousas, LA 70570 St. Landry Parish

PROJECT ID: 20231117

db | ARCHITECTURE OF ACADIANA, LLC

TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

DAVID BEVERLY REG. NO. 7478 REGISTERED ARCHITECT 01/17/2025

PROJECT NUMBER: 20231117

DATE: 01/17/2025

A701

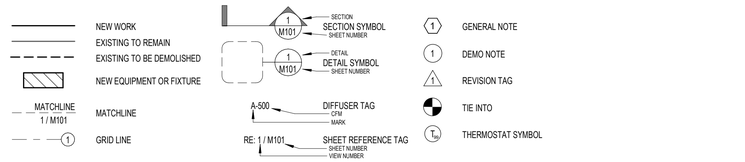
MECHANICAL GENERAL NOTES

1. ALL WORK BY CONTRACTORS SHALL CONFORM TO ALL APPLICABLE FEDERAL, STATE AND LOCAL BUILDING CODES, INCLUDING THE CURRENT INTERNATIONAL ENERGY CONSERVATION CODE.
2. MATERIALS FURNISHED UNDER THE CONTRACT SHALL BE NEW & SHALL BEAR THE UL LABEL WHERE APPLICABLE. UNLESS NOTED OTHERWISE. ALL WORK SHALL BE GUARANTEED AGAINST DEFECTIVE MATERIALS & WORKMANSHIP FOR A PERIOD OF NOT LESS THAN ONE YEAR AFTER COMPLETION & ACCEPTANCE BY THE OWNER. LONGER IF STATED OTHERWISE ELSEWHERE IN THE SPECIFICATION.
3. CONTRACTOR SHALL INSTALL SYSTEMS WITHOUT INTERFERENCE & PROVIDE MANUFACTURER'S RECOMMENDED AIR & SERVICE CLEARANCES. CONTRACTOR SHALL COORDINATE WITH ALL TRADES & DISCIPLINES.
4. MECHANICAL CONTRACTOR SHALL COORDINATE WITH GENERAL CONTRACTOR ON LOCATION OF ALL FIRE & SMOKE WALL PENETRATIONS. GENERAL CONTRACTOR SHALL FRAME OUT OPENING AS REQUIRED FOR LIFE SAFETY DAMPERS. PROVIDE LIFE SAFETY DAMPERS WHERE SHOWN ON DRAWINGS AND WHERE REQUIRED BY NFPA AND LOCAL BUILDING CODES.
5. ALL FIRE DAMPERS SHALL BE 2-HOUR RATED UNLESS SPECIFIED OR NOTED OTHERWISE ON DRAWINGS AND/OR SPECIFICATIONS.
6. SEAL ALL FIRE WALL PENETRATIONS (DUCT, PIPE, ETC.) WITH UL-LISTED FIRE CAULK IN ACCORDANCE WITH NFPA 101.
7. MECHANICAL CONTRACTOR SHALL COORDINATE BETWEEN ELECTRICAL AND OTHER TRADES FOR PENETRATIONS AT WALLS, FLOORS AND ROOFS, EXACT EQUIPMENT LOCATIONS, AND REQUIRED EQUIPMENT SERVICE AND AIR FLOW CLEARANCE.
8. INSTALLATION OF DUCTWORK SHALL TAKE PRECEDENCE OVER INSTALLATION OF PLUMBING PIPING THAT IS NOT GRADE SENSITIVE (SEWER, STORM DRAINAGE, GREASE WASTE, ETC.) AND ELECTRICAL CONDUIT. CONTRACTOR TO COORDINATE CEILING SPACE AVAILABLE, EXACT MECHANICAL ROOM LAYOUT, DUCT AND PIPE ROUTING AND EXACT EQUIPMENT LOCATIONS WITH GENERAL, ELECTRICAL, STRUCTURAL AND PLUMBING CONTRACTORS. PROVIDE OFFSETS AND TRANSITIONS AT OBSTRUCTIONS WHERE REQUIRED AT NO ADDITIONAL COST TO THE OWNER.
9. MECHANICAL CONTRACTOR SHALL COORDINATE WITH GENERAL CONTRACTOR AND ARCHITECT PRIOR TO INSTALLATION OF THERMOSTATS/TEMPERATURE SENSORS ON WALL. COORDINATE THERMOSTATS/TEMPERATURE SENSORS WITH ALL WALL MOUNTED FURNISHINGS (ART, SCREENS, FURNITURE, ETC.). LOCATE THERMOSTATS AND HUMIDISTATS 4' ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED.
10. CONTRACTOR SHALL VISIT THE SITE FOR INSPECTION REGARDING ANY WORK REQUIRED TO COMPLETE THE SCOPE OF WORK FOR THE PROJECT PRIOR TO BID. THERE SHALL BE NO ADDITIONAL COST TO THE OWNER FOR BIDDERS AWARDED THE WORK FOR FAILURE TO EXAMINE SITE PRIOR TO BID.
11. CONTRACTOR SHALL REVIEW THE CONTRACT DOCUMENTS AND VISIT THE SITE AND COORDINATE DUCT, PIPE AND EQUIPMENT SIZES AND ROUTING. CONTRACTOR SHALL NOTIFY THE ARCHITECT AND ENGINEER WHERE DISCREPANCIES OCCUR BETWEEN CONTRACT DOCUMENTS AND EXISTING CONDITIONS.
12. CONTRACTOR SHALL REVIEW CEILING SPACE AND MECHANICAL ROOM SPACE AVAILABLE FOR DUCT, PIPING AND EQUIPMENT AND MAKE REQUIRED ALLOWANCES FOR THE SIZE AND ROUTING OF DUCT, PIPING AND EQUIPMENT.
13. MECHANICAL CONTRACTOR TO REVIEW CEILING SPACE AVAILABLE AND VERIFY FIELD MEASUREMENTS AND COORDINATION DRAWINGS PRIOR TO FABRICATING DUCT. BRANCH DUCT RUNS SHOWN DIAGRAMMATICALLY; CONTRACTOR SHALL ROUTE BRANCH DUCT RUNS IN MOST DIRECT MANNER.
14. COORDINATE EXACT LOCATION OF ALL SLAB, FLOOR, WALL AND ROOF PENETRATIONS WITH EXISTING STRUCTURAL BEAMS, JOIST AND COMPONENTS. DO NOT CUT OR MODIFY EXISTING STRUCTURAL COMPONENTS WITHOUT APPROVAL FROM STRUCTURAL ENGINEER.
15. CONTRACTOR SHALL VERIFY EQUIPMENT TO BE SUPPLIED TO PROJECT CAN BE INSTALLED IN SPACE PROVIDED AND ALL SERVICE AND AIRFLOW CLEARANCES MAINTAINED PRIOR TO ORDERING EQUIPMENT. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY MODIFICATIONS REQUIRED FOR EQUIPMENT THAT IS SUPPLIED THAT IS DIFFERENT THAN EQUIPMENT THAT IS BASIS OF DESIGN.
16. UNDER NO CIRCUMSTANCES SHALL EQUIPMENT AND RELATED SYSTEM COMPONENTS FOUND POSITIVE FOR MOLD, MILDEW, ASBESTOS, HARMFUL BACTERIA OR ANY OTHER CONTAMINATION BE PLACED INTO SERVICE.
17. INSTALL DUCT SLEEVES IN WALLS AS HIGH AS POSSIBLE, DUCT SLEEVE SHALL EXTEND PAST WALL PENETRATION ON BOTH SIDES MINIMUM 24". RETURN AIR TRANSFER SLEEVES SHALL BE PROVIDED WITH TWO (2) DUCT ELBOWS.
18. COORDINATE ALL UNDERGROUND PIPING & WORK WITH EXISTING SYSTEMS, INCLUDING EXISTING UTILITIES, SEWER, GAS, DOMESTIC WATER, CHILLED/HEATING WATER, ELECTRIC DUCT BANKS AND POWER. NOT ALL EXISTING SYSTEMS SHOWN. COORDINATE ALL EXISTING SYSTEMS PRIOR TO BEGINNING WORK. MARKED UTILITIES AND EXISTING SYSTEMS DAMAGED BY THE CONTRACTOR SHALL BE REPLACED AND REPAIRED BACK TO ORIGINAL CONDITION BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONSTRUCTION CONTRACT.
19. MODEL NUMBERS SCHEDULED/SPECIFIED REPRESENT THE TYPE AND QUALITY OF EQUIPMENT REQUIRED TO MEET THE DESIGN REQUIREMENTS. CONTRACTOR SHALL REVIEW SUBMITTALS AND VERIFY EQUIPMENT SIZES, QUALITY AND PERFORMANCE REQUIREMENTS MEET SPECIFICATIONS PRIOR TO SUBMITTING FOR APPROVAL. EQUIPMENT THAT DIFFERS FROM BASIS OF DESIGN IS SUBJECT TO REJECTION. CONTRACTOR TO COORDINATE ALL DIFFERENCE IN EQUIPMENT WITH STRUCTURAL, ELECTRICAL AND PLUMBING CONTRACTORS.
20. ALL CONDENSATE LINES SHALL BE RIGID COPPER, INSULATED WITH CELLULAR FOAM UNLESS NOTED OTHERWISE OR SUBMITTED AND APPROVED BY MECHANICAL ENGINEER. SUPPORT WITH UNISTRUT PIPE EVERY 4' AND AT TURNS. PROVIDE NEOPRENE SLEEVES BETWEEN UNISTRUT AND COPPER CONDENSATE LINE.
21. DUCT SIZES SHOWN ARE SHEET METAL SIZES. ALLOWANCES HAVE BEEN INCLUDED FOR INTERNAL LINER WHERE APPLICABLE.
22. COORDINATE EXACT LOCATION OF AIR DEVICES WITH NEW AND EXISTING LIGHTS TO BE INSTALLED PRIOR TO CONSTRUCTION.
23. EXPOSED DUCTWORK SHALL BE PAINT GRIPPED SHEET METAL UNLESS INDICATED OTHERWISE. ALL EXPOSED DUCT TO BE PAINTED IN FIELD BY PAINTING CONTRACTOR DURING CONSTRUCTION. COORDINATE WITH ARCHITECT & MECHANICAL ENGINEER PRIOR TO INSTALLATION OF EXPOSED DUCT AND COLOR. EXPOSED DUCTWORK SHALL BE FREE OF SIZE MARKS OR ASSEMBLY CODE NUMBERS; ALL MARKS SHALL BE ON THE INSIDE OF DUCTWORK. KEEP OUTSIDE SURFACES OF DUCT CLEAN DURING FABRICATION. BANDS SHALL JOIN ON TOP, CONCEALED FROM NORMAL VIEW OF THE DUCT AND SPIRALS SHALL BE CONTINUOUS. THREADED RODS FROM HANGER STRAPS SHALL BE NEATLY CLIPPED AND SECURED WITHOUT EXCESS. GREATER ATTENTION TO APPEARANCE FOR EXPOSED DUCT IS EXPECTED AND DENTED/SCARRED DUCTS SHALL NOT BE ACCEPTABLE.
24. PROVIDE ELECTRICAL DISCONNECTS FOR MECHANICAL EQUIPMENT (VAV BOXES, FANS, VFD'S, ETC.) FACTORY INSTALLED BY EQUIPMENT MANUFACTURER UNLESS NOTED OTHERWISE. COORDINATE WITH ELECTRICAL CONTRACTOR.
25. DO NOT ROUTE PIPING CONTAINING WATER OVER ELECTRICAL EQUIPMENT.
26. PROVIDE PERMANENT LABELS FOR ALL SCHEDULED EQUIPMENT. LABELS SHALL BE MINIMUM 3/8" ENGRAVED BLACK LETTERS ON WHITE BACKGROUND, CONSTRUCTED OF MINIMUM 1" WIDE, LENGTH AS REQUIRED LAMINATED PLASTIC. SECURELY FASTENED TO EQUIPMENT WITH STAINLESS STEEL OR NONCORRODING HARDWARE. STICK ON LABELS NOT ACCEPTABLE.
27. EXHAUST OUTLETS SHALL BE LOCATED MINIMUM 10' FROM ANY AIR INTAKE OR OPERABLE BUILDING OPENING.
28. INDOOR MINISPLITS, FAN COIL UNITS AND CEILING CASSETTES SHALL HAVE GRAVITY DRAINAGE WHERE POSSIBLE. PROVIDE WITH INTEGRAL CONDENSATE PUMPS WHERE NOT POSSIBLE.
29. PROVIDE RETURN AIR GRILLES OPEN TO RETURN AIR PLENUM WITH SOUND ATTENUATING BOOT ON REAR OF GRILLE (RIGID DUCT WITH INSULATED LINER & TWO ELBOWS, END OPEN TO RETURN AIR PLENUM). CONTRACTOR HAS OPTION TO PROVIDE PRICE MODEL #RAC RETURN AIR CANOPY ON REAR OF RETURN AIR GRILLES OPEN TO RA PLENUM IN LIEU OF SOUND ATTENUATING BOOT.
30. ELECTRONIC BALANCING DAMPERS - MANUAL DAMPER AT INACCESSIBLE LOCATIONS:
    - 30.1. PROVIDE REMOTE BALANCING DAMPER WITH POSITION INDICATOR AT INACCESSIBLE MANUAL VOLUME DAMPERS
    - 30.2. INACCESSIBLE LOCATIONS:
    - 30.2.1. ABOVE GYPSUM BOARD/HARD CEILING
    - 30.2.2 WHERE LOCATED HIGHER THAN 4'-0" ABOVE ACCESSIBLE CEILING TILE
    - 30.2.3. WHERE LOCATED ABOVE 14'-0" FROM FINISHED FLOOR
    - 30.2.4. REFER TO ARCHITECTURAL REFLECTED CEILING DRAWINGS FOR REFLECTED CEILING PLAN
    - 30.3. ELECTRONIC BALANCING DAMPER SHALL BE PROVIDED WITH POSITION INDICATOR AND SHALL BE GREENHECK MODEL RBDR-50 (ROUND) & RBD-10 (RECTANGULAR) OR APPROVED EQUAL, UNLESS INDICATED OTHERWISE.
    - 30.4. REMOTE BALANCING DAMPER SHALL BE 12 VOLT DC POWER BALANCE SYSTEM (DAMPER, PULSE ACTUATOR , CAT 5 CABLE, WALL OR CEILING PLATE AND HAND HELD POWER PACK). PROVIDE WALL/CEILING ACCESS PORT ON WALL WITHIN CLOSEST MECHANICAL ROOM OR ABOVE ACCESSIBLE CEILING MOUNTED ON WALL. ALL ACCESS PORTS TO BE PROPERLY LABELED NUMERICALLY BY RESPECTIVE AIR SYSTEM & ROOM DAMPER SERVES. COORDINATE WITH MECHANICAL ENGINEER PRIOR TO LABELING & COORDINATE LOCATION WITH MECHANICAL ENGINEER & ARCHITECT PRIOR TO INSTALLING ANY ACCESS PORT ABOVE ACCESSIBLE CEILINGS. PROVIDE TILE IDENTIFICATION WHERE LOCATED ABOVE CEILING. PROVIDE DRAWING IDENTIFYING PORT LOCATION & PORT SCHEDULE AS PART OF CLOSE OUT DOCUMENTS.
31. PROVIDE U.L. LISTED SMOKE DETECTORS IN THE MAIN SUPPLY DUCT AND RETURN ON THE DOWNSTREAM SIDE OF THE FILTERS IN ALL RECIRCULATING AIR SYSTEMS HANDLING OVER 2000 C.F.M. NOTE: SMOKE DETECTORS TO BE WIRED TO BUILDING FIRE ALARM SYSTEM BY FIRE ALARM CONTRACTOR, FIRE ALARM CONTRACTOR IS TO PROVIDE AND INSTALL ALL WIRING, TERMINATIONS, ETC. TO PROVIDE A COMPLETE, PROPERLY FUNCTIONING AND OPERATING SYSTEM.
32. PROVIDE SMOKE DAMPER IN THE MAIN SUPPLY & RETURN DUCT IN ALL AIR HANDLING UNITS HANDLING OVER 15,000 CFM. SMOKE DAMPERS TO BE INTERCONNECTED TO SMOKE DETECTORS.
33. PROVIDE ACCESS PANELS FOR EQUIPMENT, VALVES, DAMPER, ETC. LOCATED ABOVE A NON ACCESSIBLE CEILING. ACCESS PANELS SHALL BE LARGE ENOUGH FOR ALL REQUIRED MAINTENANCE, ADJUSTMENT, ECT. PROVIDE MULTIPLE ACCESS PANELS AS REQUIRED. COORDINATE COLOR AND LOCATIONS WITH ARCHITECT. PROVIDE FIRE AND/ OR SMOKE RATED ACCESS PANELS WHERE REQUIRED IN RATED CEILINGS. REFERENCE ARCHITECTURAL DRAWINGS FOR RATED CEILING LOCATIONS. WHERE ACCESS PANELS ARE SHOWN ON ARCHITECTURAL REFLECTED CEILING PLAN, COORDINATE EXACT LOCATION OF EQUIPMENT, DEVICES, ETC. WITH ACCESS PANEL LOCATIONS.
34. PROVIDE TEMPORARY CAPS/PLUGS/COVERING ON ALL OPEN ENDED PIPING & DUCT DURING CONSTRUCTION TO PREVENT DIRT/DEBRIS FROM ENTERING PIPE/DUCT SYSTEMS.
35. PROVIDE PROTECTIVE LOCKABLE THERMOSTAT COVERS FOR THERMOSTATS. COORDINATE WITH OWNER.
36. MECHANICAL CONTRACTOR SHALL COORDINATE WITH PLUMBING CONTRACTOR ON LOCATION OF ALL FLOOR DRAINS & HUB DRAINS AS NOT TO INTERFERE WITH EQUIPMENT & EQUIPMENT PADS. COORDINATE NEW FLOOR DRAIN & HUB LOCATION WHERE EQUIPMENT DOES NOT ALLOW FOR THE INSTALLATION SHOWN FOR DRAIN. COORDINATE HEIGHT OF HUB DRAINS FOR FAN COIL UNITS & CEILING CASSETTES.
37. PROVIDE TRANSITIONS FROM REAR OF ALL GRILLES TO BRANCH DUCTS AND TO ALL EQUIPMENT AS REQUIRED. REFER TO CONSTRUCTION DOCUMENTS FOR SIZES OF GRILLES AND DUCTS.
38. PRESSURE TEST ALL REUSED/REROUTED PIPING SYSTEMS. TESTING SHALL BE PERFORMED AT NORMAL SYSTEM OPERATING PRESSURE UNLESS INDICATED/SPECIFIED OTHERWISE. REPAIR AND RETEST AS REQUIRED UNTIL SYSTEMS ARE PROVEN TIGHT WITHOUT LEAKS.
39. ALL TESTS SHALL BE COMPLETED BEFORE ANY MECHANICAL EQUIPMENT OR PIPING INSULATION IS APPLIED.
40. LOCATE ALL TEMPERATURE PRESSURE AND FLOW MEASURING DEVICES IN ACCESSIBLE LOCATIONS WITH STRAIGHT SECTION OF PIPE OR DUCT UP AND DOWN STREAM AS RECOMMENDED BY THE MANUFACTURER.
41. REINFORCEMENT, DETAILING, AND PLACEMENT OF CONCRETE SHALL CONFORM TO ASTM 315 AND ACI 318. CONCRETE SHALL CONFORM TO ASTM C94. CONCRETE WORK SHALL CONFORM TO ACI318, PART ENTITLED "CONSTRUCTION REQUIREMENTS." COMPRESSIVE STRENGTH IN 28 DAYS SHALL BE 3,000 PSI. TOTAL AIR CONTENT OF EXTERIOR CONCRETE SHALL BE BETWEEN 5 AND 7 PERCENT BY VOLUME. SLUMP SHALL BE BETWEEN 3 AND 4 INCHES. CONCRETE SHALL BE CURED FOR 7 DAYS AFTER PLACEMENT.
42. COORDINATE ALL EQUIPMENT CONNECTION WITH MANUFACTURERS' CERTIFIED DRAWINGS. COORDINATE AND PROVIDE ALL DUCT AND PIPING TRANSITIONS REQUIRED FOR FINAL EQUIPMENT CONNECTIONS TO FURNISHED EQUIPMENT. FIELD VERIFY AND COORDINATE ALL DUCT AND PIPING DIMENSIONS BEFORE FABRICATION.
43. MINIMUM CONCRETE PAD THICKNESS SHALL BE 4 INCHES. PAD SHALL EXTEND BEYOND THE EQUIPMENT A MINIMUM OF 6 INCHES ON EACH SIDE UNLESS OTHERWISE DIRECTED IN THESE DOCUMENTS 15 LOCATIONS AND SIZES OF ALL FLOOR, WALL, AND ROOF OPENINGS SHALL BE COORDINATED WITH ALL OTHER TRADES INVOLVED. REFER TO TYPICAL DETAILS FOR DUCTWORK, PIPING, AND EQUIPMENT INSTALLATION.
44. INSTALL TRANSITION DUCT FROM INLET AND OUTLET OF EQUIPMENT TO DUCT SIZE SHOWN ON PLANS; CONSULT EQUIPMENT MANUFACTURER FOR INLET AND OUTLET SIZE.
45. ALL DUCT ELBOWS, BENDS, AND TEES SHALL BE PROVIDED WITH DOUBLE THICKNESS TURNING VANES OR RADIUS ELBOWS UNLESS SHOWN OR NOTED OTHERWISE. ELBOWS IN DISHWASHER, KITCHEN, AND LAUNDRY EXHAUST SHALL BE UNVANED SMOOTH RADIUS CONSTRUCTION WITH A RADIUS OF 1.5 TIMES THE WIDTH OF THE DUCT.
46. PROVIDE ESCUTCHEONS AT ALL EXPOSED LOCATIONS WHERE PIPE PENETRATES WALL.
47. THE CONDENSATE DRAIN LINE SHALL NOT DECREASE IN SIZE FROM THE DRAIN PAN CONNECTION TO THE FLOOR DRAIN; ELEVATE UNIT TO ACCOMMODATE P-TRAP.
48. ALL EQUIPMENT AND DEIVCES TO BE FURNISHED AND INSTALLED PER THE REQUIREMENTS OF CONTRACT DRAWINGS, SPECIFICATIONS, MANUFACTURERS RECOMMENDATIONS, AND ACCORDING TO CODE.
49. PROVIDE FLEXIBLE CONNECTIONS IN ALL DUCTWORK SYSTEMS (SUPPLY, RETURN, AND EXHAUST) CONNECTED TO AIR HANDLING UNITS, FANS, AND OTHER EQUIPMENT WHICH REQUIRE VIBRATION ISOLATION. FLEXIBLE CONNECTIONS SHALL BE PROVIDED AT THE POINT OF CONNECTION TO THE EQUIPMENT UNLESS OTHERWISE DIRECTED IN THESE DOCUMENTS.
50. UNLESS OTHERWISE NOTED, ALL DUCTWORK IS OVERHEAD, TIGHT TO UNDERSIDE OF THE STRUCTURE, WITH SPACE FOR INSULATION.
51. ALL ROOF CURBS SHALL BE INSTALLED TO THE ROOFING STRUCTURE AND FINISH A MINIMUM 12" ABOVE THE FINISHED ROOF FOR COUNTER FLASH ENDORSED BY ROOF MANUFACTURER. ROOF CURBS SHALL BE PITCHED WHERE REQUIRED TO ENSURE EQUIPMENT IS INSTALLED LEVEL.
52. ALL MISCELLANEOUS ROOFTOP EQUIPMENT SUPPORTS SHALL BE ENDORSED BY BOTH THE RESPECTIVE EQUIPMENT MANUFACTURER AND ROOF SYSTEM MANUFACTURER.
53. ALL WALL APPLIED ITEMS SHALL BE INSTALLED PLUMB, LEVEL AND IN LOCATIONS DESIGNATED IN CONTRACT DOCUMENTS. ALL DEVICE COVERS AND TRIM SHALL FIT TIGHT TO WALL SURFACE ON ALL SIDES. WHERE SPECIFIC LOCATIONS FOR ITEMS NOT SHOWN OR CLEAR, CONTRACTOR SHALL OBTAIN CLARIFICATION AND DIRECTION FROM ARCHITECT AND MECHANICAL ENGINEER PRIOR TO INSTALLATION.
54. ALL FLEX DUCT SERVING DIFFUSERS SHALL BE LIMITED TO RUNS OF 6'. FLEX DUCT SHALL BE FLEXMASTER 1M-R6 OR APPROVED EQUAL AND USE STAINLESS STEEL (OR NYLON IF APPROVED BY MECHANICAL ENGINEER) TO CONNECT FLEX TO DUCT AND GRILLES.
55. FLEXIBLE DUCT NOT ACCEPTABLE FOR EXHAUST, RETURN AND FRESH AIR SYSTEMS UNLESS SPECIFIED OR NOTED OTHERWISE. FLEX DUCT SHALL NOT PENETRATE ANY WALLS UNLESS SUBMITTED AND APPROVED ON TO BOTH THE ARCHITECT AND MECHANICAL ENGINEER.
56. PROVIDE ADDITIONAL SUSPENDED SUPPORTS AS REQUIRED TO PREVENT FLEXIBLE DUCT FROM CONTACTING THE CEILING MATERIAL AND/OR CEILING FRAME/GRID ASSEMBLY.
57. ALL ROUND TAPS OFF RECTANGULAR DUCTWORK TO DIFFUSERS SHALL BE MADE WITH HIGH EFFICIENCY SIDE TAKEOFFS WITH 2" INSULATION STANDOFF BRACKETS AND LOCKING QUADRANT, FLEXMASTER MODEL STOD-BO3 OR APPROVED EQUAL.
58. ALL GRILLES LOCATED IN LAY-IN CEILINGS SHALL HAVE 24x24 FRAMES, STYLES TO FIT THE GRID TYPE, EITHER 15/16" OR 9/16" GRID, VERIFY GRID WITH ARCHITECTURAL DRAWINGS. PROVIDE PLASTER FRAMES FOR SURFACE MOUNT APPLICATIONS, PRICE MODEL AMF OR APPROVED EQUAL.
59. PROVIDE MANUAL VOLUME DAMPERS IN ALL BRANCH DUCT CONNECTIONS TO LOW PRESSURE MAIN DUCTS.
60. ALL EQUIPMENTS SUPPLIED TO THE PROJECT SHALL BE PER SPECIFICATIONS. OBTAINING APPROVED SUBMITTALS DOES NOT RELIEVE THE CONTRACTOR/SUPPLIER OF PROVIDING ALL FEATURES, OPTIONS AND ACCESSORIES INCLUDED WITHIN THE CONSTRUCTION DOCUMENTS.

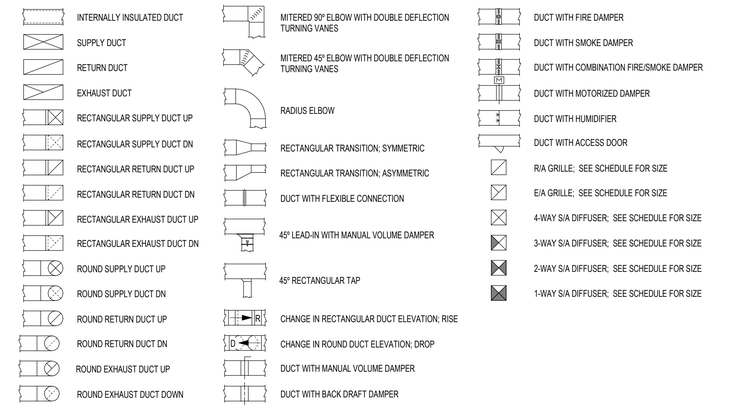
MECHANICAL SYMBOL LEGEND

(REFER TO DRAWINGS AND SPECIFICATIONS FOR FURTHER REQUIREMENTS).

GENERAL



DUCTWORK



THERMAL DESIGN CONDITIONS

ROOM DESCRIPTION	INDOOR			OUTDOOR		
	SUMMER		WINTER	SUMMER		WINTER
	DB(°F)	RH(%)	DB(°F)	DB(°F)	WB(°F)	DB(°F)
CONDITIONED AREAS	75°	50%	70°	95°	80°	20°

DB(°F): DRY BULB
WB(°F): WET BULB
RH(%):RELATIVE HUMIDITY

INDEX - MECHANICAL SHEETS

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M300	MECHANICAL DETAILS
M301	MECHANICAL DETAILS
M302	MECHANICAL DETAILS
M400	MECHANICAL SCHEDULES
M401	MECHANICAL SCHEDULES

ABBREVIATION LEGEND

AC	AIR CONDITIONING
ACCU	AIR COOLED CONDENSING UNIT
AFF	ABOVE FINISHED FLOOR
AFS	AIR FLOW STATION
AHU	AIR HANDLING UNIT
AMB	AMBIENT
AS	AIR SEPARATOR
AV	AIR VENT
BAS	BUILDING AUTOMATION SYSTEM
BDD	BACKDRAFT DAMPER
BFP	BACKFLOW PREVENTER
BOD	BOTTOM OF DUCT
BTUH	BRITISH THERMAL UNIT PER HOUR
CC	COOLING COIL
CFH	CUBIC FEET PER HOUR
CFM	CUBIC FEET PER MINUTE
CH	CHILLER
CHWCF	CHILLED WATER CHEMICAL FEED
CHP	CHILLED WATER PUMP
CHR	CHILLED WATER RETURN
CHS	CHILLED WATER SUPPLY
COMP	COMPRESSOR
CP	CIRCULATING PUMP
CU	CONDENSING UNIT
CT	COOLING TOWER
CV	CONTROL VALVE
CW	COLD WATER
CWCF	CONDENSER WATER CHEMICAL FEED
CWR	CONDENSER WATER RETURN
CWP	CONDENSER WATER PUMP
CWS	CONDENSER WATER SUPPLY
DB	DRY BULB TEMP (DEG F)
DDC	DIRECT DIGITAL CONTROL
DN	DOWN
DP	DIFFERENTIAL PRESSURE
DPS	DIFFERENTIAL PRESSURE SWITCH
DWG	DRAWING
DX	DIRECT EXPANSION
EA	EXHAUST AIR
EDH	ELECTRIC DUCT HEATER
EER	ENERGY EFFICIENCY RATIO
EF	EXHAUST FAN
EL	ELEVATION
ELEC	ELECTRICAL
ENT	ENTERING
ECU	ELECTRIC CONDENSING UNIT
ERU	ELECTRIC REFRIGERANT UNIT
ESP	EXTERNAL STATIC PRESSURE
ET	EXPANSION TANK
EUH	ELECTRIC UNIT HEATER
EVAP	EVAPORATOR
EX	EXHAUST
EXT	EXTERNAL
FA	FRESH AIR
FC/FCU	FAN COIL UNIT
FD	FIRE DAMPER CC
FT	FEET
FLA	FULL LOAD AMPS
FPM	FEET PER MINUTE
FV	FACE VELOCITY
GALV	GALVANIZED
GPM	GALLONS PER MINUTE
GPH	GALLONS PER HOUR
GUH	GAS UNIT HEATER
HC	HEATING COIL
HP	HORSEPOWER
HR	HOUR
HWS	HEATING WATER SUPPLY
HWR	HEATING WATER RETURN
ID	INSIDE DIAMETER
IN	INCHES
KW	KILOWATTS
LVG	LEAVING
MA	MIXED AIR
MAX	MAXIMUM
MD	MOTORIZED DAMPER
MECH	MECHANICAL
NG	NATURAL GAS
MIN	MINIMUM
MVD	MANUAL VOLUME DAMPER
NC	NORMALLY CLOSED
NFPA	NATIONAL FIRE PROTECTION ASSOC.
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
NOM	NOMINAL
NTS	NOT TO SCALE
OA	OUTSIDE AIR
OAF	OUTSIDE AIR FAN
OAU	OUTSIDE AIR UNITS
OS&Y	OUTSIDE STEM AND YOKE
OZ	OUNCES (PRESSURE)
PD	PRESSURE DROP
PTAC	PACKAGED TERMINAL AIR CONDITIONER
PSI	POUNDS PER SQUARE INCH
RA	RETURN AIR
REF	REFERENCE
RH	RELATIVE HUMIDITY
RHC	REHEAT COIL
RND	ROUND
RPM	REVOLUTIONS PER MINUTE
RTU	ROOF TOP UNIT
SA	SUPPLY AIR
SD	SMOKE DAMPER
SEER	SEASONAL ENERGY EFFICIENCY RATIO
SF	SUPPLY AIR FAN
SP	STATIC PRESSURE
SPEC	SPECIFICATIONS
TEMP	TEMPERATURE
TOD	TOP OF DUCT
TSP	TOTAL STATIC PRESSURE
TYP	TYPICAL
UG	UNDERGROUND
UL	UNDERWRITERS LISTED
VAV	VARIABLE AIR VOLUME
VFD	VARIABLE FREQUENCY DRIVE
W /	WITH
W / O	WITHOUT
WB	WET BULB (DEG F)

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100% CONSTRUCTION DOCUMENTS

MECHANICAL COVER SHEET

CITY OF OPELOUSAS

SOUTH CITY PARK CENTER

South City Park, 1524 Market St, Opelousas, LA 70570 St. Landry Parish

PROJECT ID: 20231117

db | ARCHITECTURE OF ACADIANA, LLC

TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

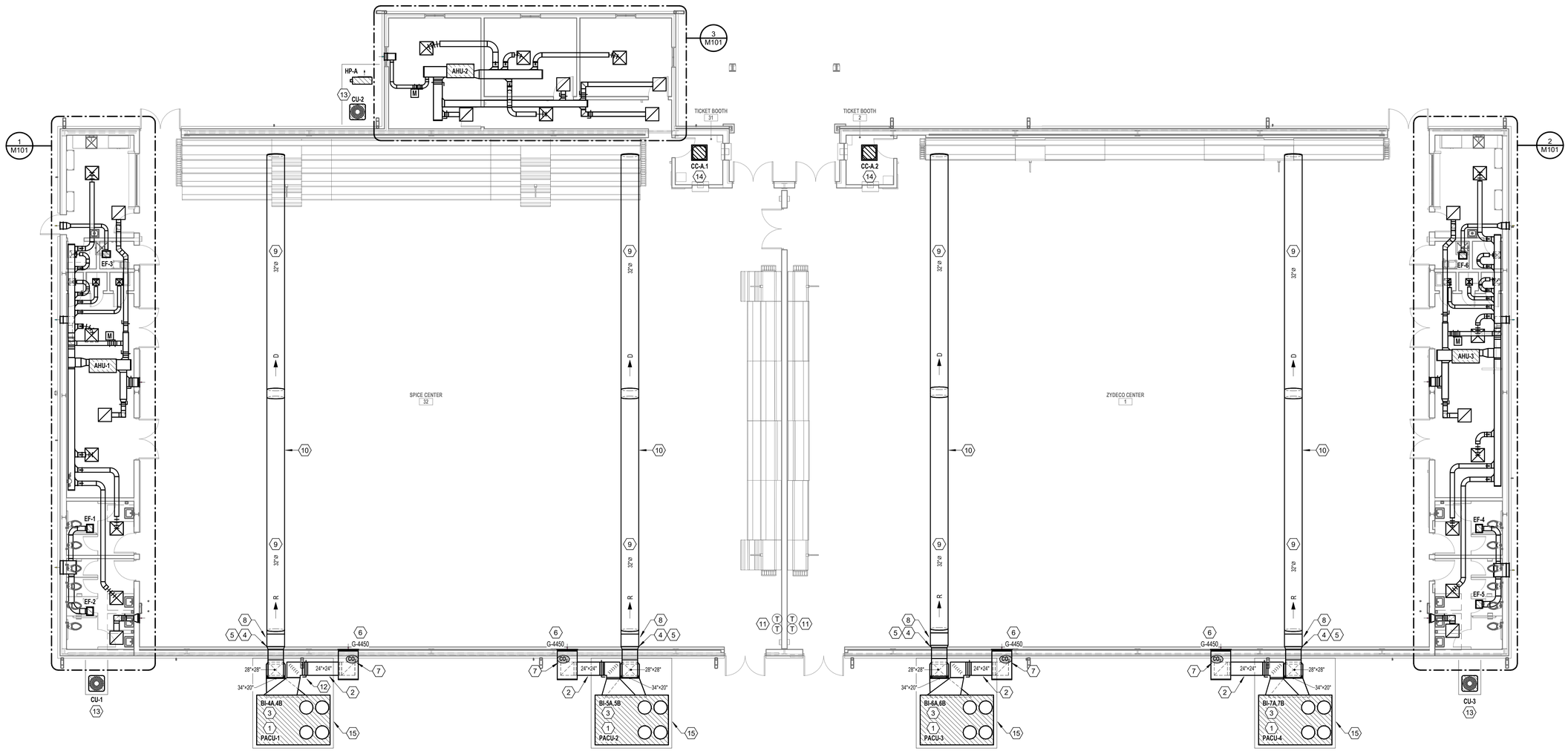
PARISH ENGINEERING
7600 Innovation Park Drive 225.332.0222
Baton Rouge, LA 70820 parisheng.com| #24-109

STATE OF LOUISIANA — GREGORY W. PARISH — LICENSED PROFESSIONAL ENGINEER IN MECHANICAL ENGINEERING — 01/17/2025

PROJECT NUMBER: **20231117**

DATE: 01/17/2025

M001



1 MECHANICAL PLAN - OVERALL

1/8" = 1'-0"

MECHANICAL KEY NOTES

1. PACKAGED AIR CONDITIONING UNIT ON 6" HIGH CONCRETE HOUSEKEEPING PAD AND PRE-FABRICATED, HORIZONTAL SUPPORT CURB CURB BY UNIT MANUFACTURER. PROVIDE WITH OUTSIDE AIR HOOD, MOTORIZED OUTSIDE AIR AND RETURN AIR VOLUME DAMPERS (DEMAND CONTROL VENTILATION), HIGH PERFORMANCE ECONOMIZER, DEMAND CONTROL VENTILATION, PREFABRICATED CURB BY EQUIPMENT MANUFACTURER, INTEGRAL VIBRATION ISOLATION, DUCT MOUNTED SMOKE DETECTORS, FACTORY MOUNTED AND WIRED SERVICE RECEPTACLE (120/1/60 - COORDINATE WITH ELECTRICAL CONTRACTOR), AND BIPOLAR IONIZATION DEVICE(S) ON COOLING COIL (RE: SCHEDULE). PROVIDE MANUAL VOLUME DAMPER ON RETURN AIR DUCT FOR BALANCING. ROUTE 1" INSULATED PVC CONDENSATE DRAIN LINE TO STORM DRAIN AND TURN DOWN WITH AIR GAP (COORDINATE EXACT LOCATION WITH PLUMBING CONTRACTOR). COORDINATE WALL PENETRATIONS AND SEALING REQUIREMENTS WITH THE GENERAL CONTRACTOR. RE: DETAIL & SCHEDULE.
2. ALL EXTERIOR DUCT SHALL BE PROVIDED WITH 1.5" CLOSED CELL POLYISO FOAM BOARD WITH FOIL FACER ON EACH SIDE (MINIMUM INSTALLED R-VALUE OF R-9.3) & PROVIDED WITH ALUMAGUARD WEATHER-PROOFING JACKET/CLADDING OR APPROVED EQUAL. INSTALL IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. ROUTE DUCT TO EXTERIOR WALL, UP, AND INTO BUILDING AS SHOWN. SLOPE TOP OF DUCT INSULATION FOR WATER SHED & SEAL ALL OPENINGS WEATHER TIGHT. PROVIDE GROUND MOUNTED & WALL MOUNTED DUCT SUPPORTS IN ACCORDANCE WITH SMACNA.
3. AIR IONIZATION DEVICE MOUNTED ON DOWNSTREAM OF COOLING COIL. COORDINATE WITH IONIZATION DEVICE AND MECHANICAL EQUIPMENT MANUFACTURERS PRIOR TO ORDERING TO VERIFY INSTALLATION METHOD. PROVIDE LOW VOLTAGE POWER FROM THE ASSOCIATED MECHANICAL EQUIPMENT AS REQUIRED. COORDINATE ELECTRICAL REQUIREMENTS WITH THE ELECTRICAL CONTRACTOR PRIOR TO CONSTRUCTION. RE: SCHEDULE.
4. ROUTE RECTANGULAR DUCT THROUGH EXTERIOR WALL AND TRANSITION TO ROUND DUCT ON BUILDING INTERIOR AS REQUIRED FOR FABRIC DUCT TRANSITION. COORDINATE WALL PENETRATIONS AND SEALING REQUIREMENTS WITH THE ARCHITECT AND GENERAL CONTRACTOR. INTERIOR METAL DUCT FROM PACU SHALL BE PAINT GRIPPED DOUBLEWALL WITH 1" INTERNAL LINER, FINISH SELECTED BY ARCHITECT.
5. COORDINATE EXACT LOCATION, HEIGHT AND SIZE OF DUCT WALL PENETRATIONS WITH THE ARCHITECT & GENERAL CONTRACTOR PRIOR TO CONSTRUCTION.
6. SIDEWALL RETURN AIR GRILLE WITH OPPOSED BLADE DAMPER AND FULL SIZE PLENUM (LENGTH AS REQUIRED FOR DUCT TAP) ON REAR. TYPICAL. COORDINATE EXACT INSTALLATION HEIGHT, LOCATION & FINISH WITH THE ARCHITECT PRIOR TO CONSTRUCTION.
7. CO2 SENSOR MOUNTED IN RETURN AIR DUCT FOR DEMAND CONTROL VENTILATION. RE: PACKAGE UNIT SCHEDULE NOTES.
8. TRANSITION TO FABRIC DUCT INLET ATTACHMENT.
9. FABRIC DUCT SIZED AND BALANCED FOR ASSOCIATED UNIT'S MAXIMUM SUPPLY AIR CFM EVENLY DISTRIBUTED THROUGHOUT DUCT. PROVIDE WITH INTERNAL HOOP SYSTEM AND U-TRACK SUSPENSION. COORDINATE WITH ARCHITECT AND SPRINKLER CONTRACTOR ON EXACT HEIGHT (APPROXIMATELY 18'-6" AFF). COORDINATE WITH ARCHITECT AND OWNER ON COLOR OF FABRIC DUCT PRIOR TO ORDERING. FABRIC DUCT MANUFACTURER TO REVIEW INSTALLATION HEIGHT, LOCATION, AND SIZE OF FABRIC DUCT IN ORDER PLACE AIR OPENINGS / OUTLETS FOR PROPER AIR DISPERSION. CONTRACTOR SHALL SUBMIT FABRIC DUCT INSTALLATION DRAWING AND DETAILS TO MECHANICAL ENGINEER FOR REVIEW AND APPROVAL PRIOR TO ORDERING. FABRIC DUCT SHALL BE SEDONA-XM FABRIC AS MANUFACTURED BY DUCTSOX OR PRIOR APPROVED EQUAL.
10. PROVIDE ADJUSTABLE FLOW DEVICE (AFD) BY FABRIC DUCT MANUFACTURER AT FABRIC DUCT BRANCH AND OTHER LOCATIONS AS SIZED AND RECOMMENDED BY FABRIC DUCT MANUFACTURER.
11. COMMERCIAL 3-STAGE, 7-DAY PROGRAMMABLE THERMOSTAT WITH TEMPERATURE, HUMIDITY AND CO2 SENSORS. COORDINATE EXACT LOCATION WITH ARCHITECT AND THE WORK OF OTHER TRADES PRIOR TO INSTALLATION. ROUTE CONTROL WIRING TO ASSOCIATED PACU AS REQUIRED FOR REMOTE MONITORING AND SETPOINT ADJUSTMENT. PACKAGE UNITS SHALL OPERATE ON MICROPROCESSOR UTILIZING SENSORS AND CONTROL DEVICES DIRECLTY CONNECTED TO UNIT AND THERMOSTAT (ROOM SENSOR MODE). PROVIDE PROTECTIVE COVER WITH LOCK, COORDINATE COVER AND LOCK TYPE WITH THE OWNER'S REPRESENTATIVE PRIOR TO ORDERING.
12. MANUAL VOLUME DAMPER WITH STAND-OFF BRACKET; ADJUSTABLE AND LOCKABLE. TYPICAL.
13. CONDENSING UNIT ON 4" HIGH CONCRETE HOUSEKEEPING PAD, EXTENDED MINIMUM 6" AROUND ENTIRE UNIT, CONTINUOUS WITH BUILDING SLAB. ROUTE REFRIGERANT LINES AND CONTROL WIRE/CONDUIT DOWN LOW THROUGH EXTERIOR WALL WITHIN COMMON WALL SLEEVE, UP WITHIN EXTERIOR WALL, INTO CEILING SPACE TO THE ASSOCIATED INDOOR UNIT. PROVIDE REFRIGERANT PIPE SUPPORTS MINIMUM EVERY 4'-0" AND AT ANY CHANGE IN DIRECTION. SEAL ALL BUILDING PENETRATIONS WEATHER TIGHT. COORDINATE EXACT LOCATION WITH THE OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION.
14. MINISPLIT CEILING CASSETTE. COORDINATE CONDENSATE DRAIN LOCATION AND DRAIN LINE SIZING WITH PLUMBING CONTRACTOR AND EQUIPMENT MANUFACTURER PRIOR TO INSTALLATION. COORDINATE EXACT CC LOCATION WITH LIGHTING FIXTURES AND OTHER CEILING MOUNTED FIXTURES / DEVICES. ROUTE DRAIN LINE TO HUB DRAIN & TURN DOWN WITH AIR GAP. COORDINATE EXACT LOCATION & INSTALLATION HEIGHT OF HUB DRAIN WITH PLUMBING CONTRACTOR PRIOR TO PLUMBING ROUGH IN. CONDENSATE DRAIN LINE SHALL BE SCHEDULE 40 PVC WITH 1/2" CELLULAR FOAM OR FLEXIBLE ELASTOMERIC INSULATION.
15. 6" HIGH CONCRETE HOUSEKEEPING PAD FROM BUILDING, CONTINOUS TO OUTDOOR HVAC EQUIPMENT. CONCRETE PAD SHALL EXTEND 6" BEYOND UNIT ALL AROUND. REFER TO SECTION 32 13 13 FOR CONCRETE PAVING SPECIFICATIONS. TYPICAL.

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MECHANICAL PLAN - OVERALL

CITY OF OPELOUSAS

SOUTH CITY PARK CENTER

South City Park, 1524 Market St, Opelousas, LA 70570 St. Landry Parish

PROJECT ID: 20231117

db | ARCHITECTURE OF ACADIANA, LLC

TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

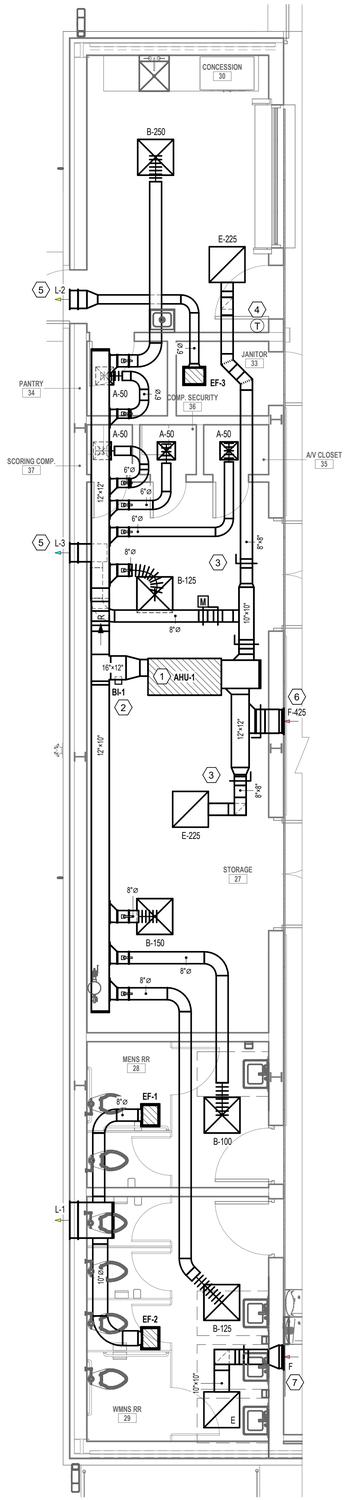
PARISH ENGINEERING
7600 Innovation Park Drive
Baton Rouge, LA 70820
225.332.0222
parisheng.com | #24-109

STATE OF LOUISIANA · GRANT T. MCWATTERS · PROFESSIONAL ENGINEER · CIVIL · ENGINEERING
01/17/2025

PROJECT NUMBER: 20231117

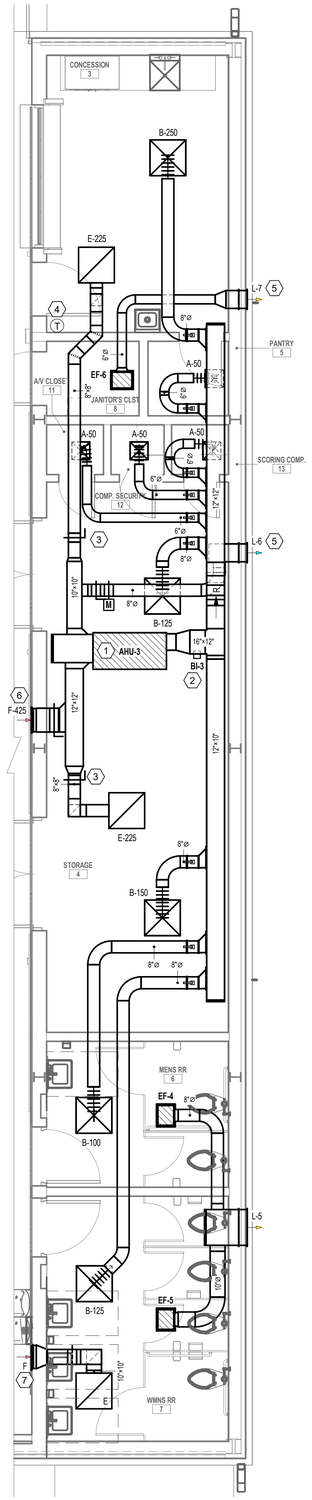
DATE: 01/17/2025

M100



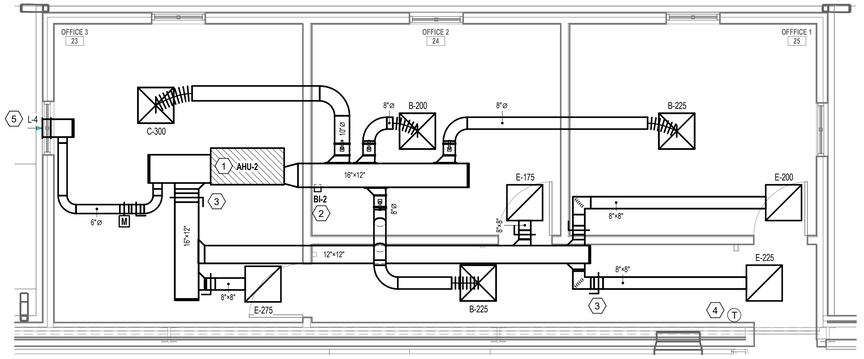
1 MECHANICAL PLAN - ENL - SPICE CENTER BOH

1/4" = 1'-0"



2 MECHANICAL PLAN - ENL - ZYDECO CENTER BOH

1/4" = 1'-0"



3 MECHANICAL PLAN - ENL - OFFICES

1/4" = 1'-0"

MECHANICAL KEY NOTES

1. HORIZONTAL AIR HANDLING UNIT SUSPENDED ABOVE CEILING / MECHANICAL PLATFORM. PROVIDE 4" TALL 16 GAUGE GALVANIZED STEEL DRAIN PAN WITH FLOAT SWITCH (TO DEENERGIZE ASSOCIATED CONDENSING UNIT WHEN TRIPPED) UNDER ENTIRE UNIT. ROUTE INSULATED 3/4" COPPER CONDENSATE DRAIN LINE FROM UNIT TO HUB DRAIN AND TURN DOWN. PROVIDE NIPPLE ON AUXILIARY DRAIN PAN. ROUTE CONDENSATE DRAIN LINE FROM AUXILIARY DRAIN PAIN WITH SHUT OFF VALVE (NORMALLY CLOSED) TO HUB DRAIN AND TURN DOWN WITH AIR GAP. PROVIDE FULL SIZE PLENUM ON REAR OF AIR HANDLING UNIT, LENGTH AS REQUIRED FOR BRANCH DUCT CONNECTIONS. PROVIDE MANUAL VOLUME DAMPERS ON OUTSIDE AIR AND RETURN AIR DUCT CONNECTIONS, MOTORIZED DAMPER IN OUTSIDE AIR DUCT (TO CLOSE WHEN UNIT DEENERGIZES). COORDINATE WITH ELECTRICAL CONTRACTOR FOR MOTORIZED DAMPER POWER (120/1/60). COORDINATE EXACT LOCATION & INSTALLATION HEIGHT OF HUB DRAIN WITH PLUMBING CONTRACTOR PRIOR TO PLUMBING ROUGH IN.
2. AIR IONIZATION DEVICE MOUNTED ON SUPPLY AIR DUCT PRIOR TO ANY BRANCH DUCT CONNECTIONS. PROVIDE LOW VOLTAGE POWER FROM THE ASSOCIATED MECHANICAL EQUIPMENT AS REQUIRED. COORDINATE ELECTRICAL REQUIREMENTS WITH THE ELECTRICAL CONTRACTOR PRIOR TO CONSTRUCTION.
3. MANUAL VOLUME DAMPER WITH STAND-OFF BRACKET; ADJUSTABLE AND LOCKABLE. TYPICAL.
4. COMMERCIAL PROGRAMMABLE 7-DAY THERMOSTAT. COORDINATE EXACT LOCATION WITH ARCHITECT, OWNER'S REPRESENTATIVE, AND THE WORK OF OTHER TRADES PRIOR TO INSTALLATION. TYPICAL.
5. EXTERIOR WALL LOUVER. SEAL ALL AROUND WEATHER TIGHT; FULL SIZE PLENUM AND BIRD SCREEN (1\2"x1\2") ON REAR; TRANSITION AS SHOWN; MAINTAIN 10'-0" MINIMUM BETWEEN ALL EXHAUST AIR OUTLETS AND OUTSIDE AIR INLETS OR OPERABLE BUILDING OPENINGS (WINDOWS AND DOORS); COORDINATE INSTALLATION HEIGHT AND COLOR SELECTION WITH ARCHITECT.
6. SIDEWALL RETURN AIR GRILLE WITH OPPOSED BLADE DAMPER ON REAR. TYPICAL. COORDINATE EXACT INSTALLATION HEIGHT, LOCATION & FINISH WITH THE ARCHITECT PRIOR TO CONSTRUCTION.
7. RELIEF AIR TRANSFER ASSEMBLY. ROUTE TRANSFER DUCT AS SHOWN. PROVIDE BACKDRAFT DAMPER ORIENTED TO PREVENT AIR TRANSFER FROM RESTROOM TO GYM AREA).

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MECHANICAL PLANS - ENLARGED

CITY OF OPELOUSAS

SOUTH CITY PARK CENTER

South City Park, 1524 Market St, Opelousas, LA 70570 St. Landry Parish

PROJECT ID: 20231117

db ARCHITECTURE OF ACADIANA, LLC

TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

PARISH ENGINEERING

7600 Innovation Park Drive
Baton Rouge, LA 70820

225.332.0222
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STATE OF LOUISIANA GRANT L. MATTE 41 LICENSED PROFESSIONAL ENGINEER CIVIL ENGINEERING
01/17/2025

PROJECT NUMBER: 20231117

DATE: 01/17/2025

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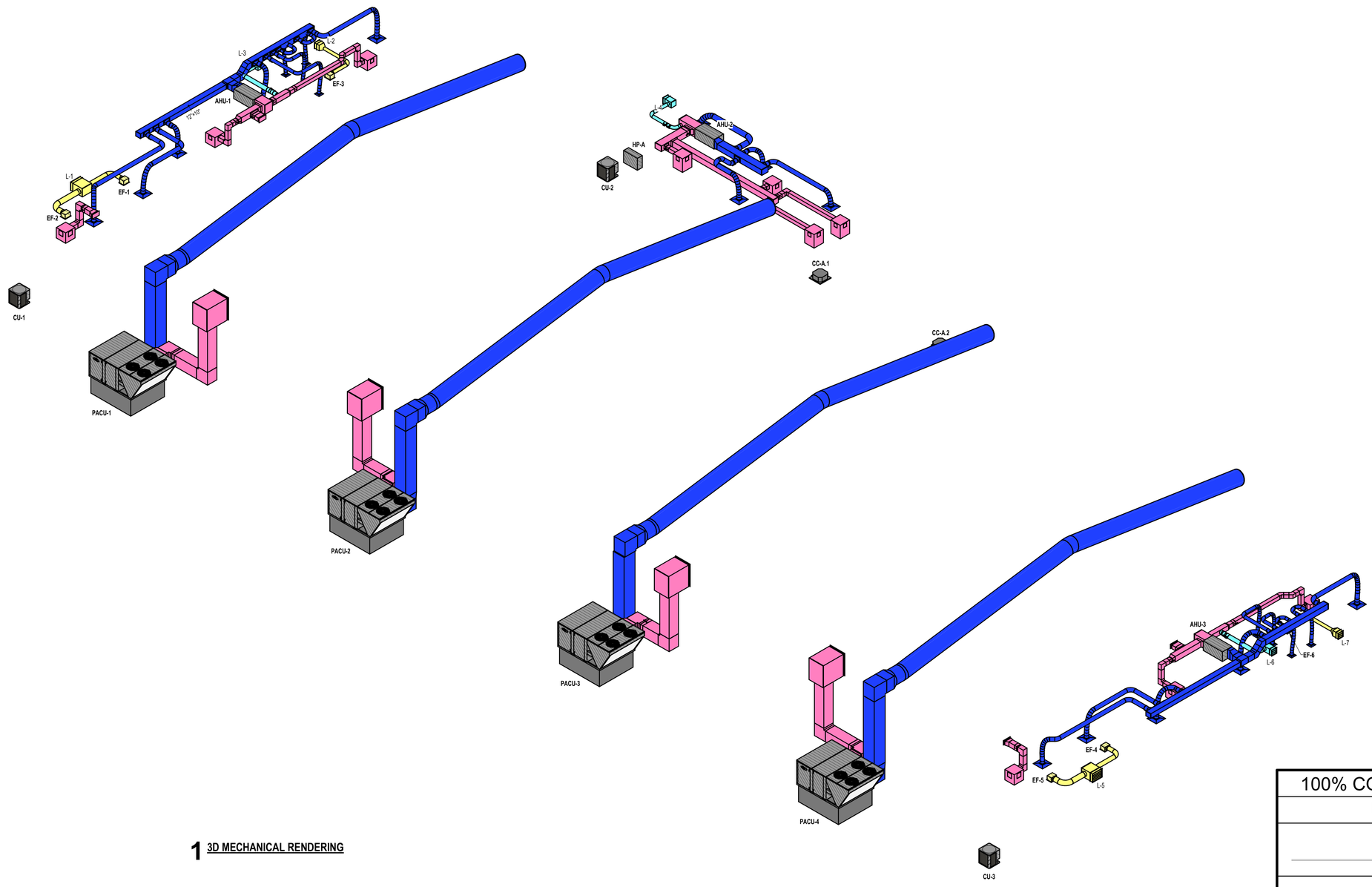

1 3D MECHANICAL RENDERING

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MECHANICAL RENDERING

CITY OF OPELOUSAS

SOUTH CITY PARK CENTER

South City Park, 1524 Market St, Opelousas, LA 70570 St. Landry Parish

PROJECT ID: 20231117

db ARCHITECTURE OF ACADIANA, LLC

TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

PARISH ENGINEERING
7600 Innovation Park Drive
Baton Rouge, LA 70820
225.332.0222
parisheng.com| #24-109

STATE OF LOUISIANA GRANT L. PARISH 37000 PROFESSIONAL ENGINEER MECHANICAL ENGINEER
01/17/2025

PROJECT NUMBER: 20231117

DATE: 01/17/2025

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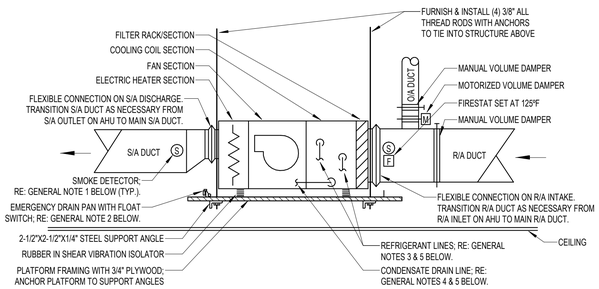
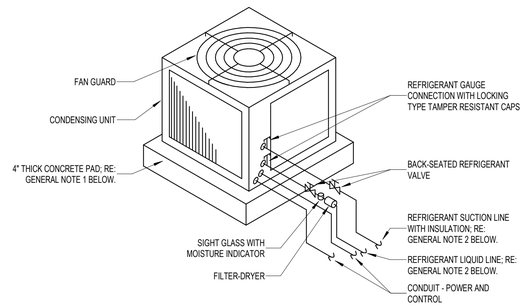


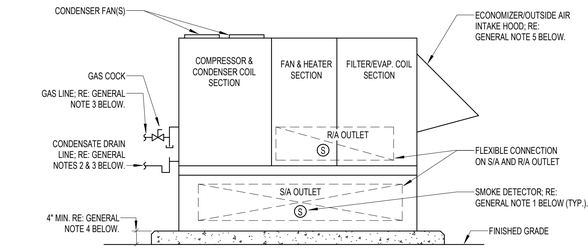
GENERAL NOTES:
1. ALL UNITS 2000 CFM AND ABOVE: FURNISH AND INSTALL DUCT MOUNTED SMOKE DETECTORS IN THE MAIN RETURN AND SUPPLY AIR DUCTS UPSTREAM OF ANY FILTERS, DUCT CONNECTIONS, ETC. PROVIDE LOCAL AUDIO/VISUAL ALARM IN VISIBLE AREA ON NEARBY WALL.
2. EMERGENCY DRAIN PAN TO BE CONSTRUCTED OUT OF 18 GA. GALVANIZED SHEET METAL AND TO BE OF ALL WELDED CONSTRUCTION. DRAIN PAN DIMENSIONS TO BE 4" HIGH AND EXTEND A MINIMUM OF 6" ALL AROUND AHU.
3. ALL REFRIGERANT LINES SHALL BE SIZED IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. REFRIGERANT LIINES SHALL BE ROUTED EXPOSED THROUGH ATTIC OR CEILING SPACE AND DOWN EXTERIOR WALL TO RESPECTIVE CONDENSING UNIT. TURN REFRIGERANT LINES OUT OF EXTERIOR WALL 0'-6" ABOVE GRADE AND SEAL WALL PENETRATION WATER TIGHT.
4. CONDENSATE DRAIN LINE SHALL BE INSTALLED WITH "P-TRAP" AND SHALL BE INSULATED. CONDENSATE DRAIN LINE SHALL BE ROUTED WITH DISCHARGE TO NEAREST HUB DRAIN AND MUST MAINTAIN MINIMUM 2" AIR GAP BETWEEN DRAIN TERMINATION AND HUB DRAIN RIM. COORDINATE NEAREST HUB DRAIN LOCATION WITH PLUMBING PLAN.
5. ALL REFRIGERANT AND CONDENSATE DRAIN LINES SHALL BE ROUTED IN SUCH A MANNER AS TO NOT BLOCK OR OBSTRUCT ANY ACCESS (FILTER, COOLING COIL, FAN, ECT.) TO AIR HANDLING UNIT.

1 DETAIL - HORIZONTAL DX AHU
N.T.S.



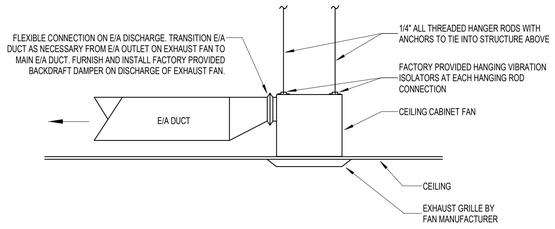
GENERAL NOTES:
1. CONDENSING UNIT SHALL BE MOUNTED ON 4" THICK CONCRETE PAD TO EXTEND A MINIMUM OF 6" ALL AROUND UNIT. CONDENSING UNITS SHALL BE LOCATED WITH A MINIMUM OF 3'-0" CLEARANCE BETWEEN UNITS.
2. ALL REFRIGERANT LINES SHALL BE SIZED IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. REFRIGERANT LIINES SHALL BE ROUTED UP EXTERIOR WALL AND EXPOSED THROUGH ATTIC OR CEILING SPACE TO RESPECTIVE AIR HANDLING UNIT. SEAL WALL PENETRATION WATER TIGHT.

2 DETAIL - CONDENSING UNIT
N.T.S.



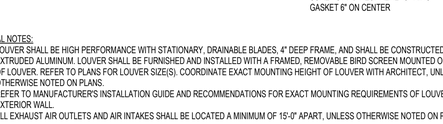
GENERAL NOTES:
1. ALL UNITS 2000 CFM AND ABOVE: FURNISH AND INSTALL DUCT MOUNTED SMOKE DETECTORS IN THE MAIN RETURN AND SUPPLY AIR DUCTS UPSTREAM OF ANY FILTERS, DUCT CONNECTIONS, ETC. PROVIDE LOCAL AUDIO/VISUAL ALARM IN VISIBLE AREA ON NEARBY WALL.
2. CONDENSATE DRAIN LINE SHALL BE INSTALLED WITH "P-TRAP" AND SHALL BE INSULATED. CONDENSATE DRAIN LINE SHALL BE ROUTED WITH DISCHARGE TO NEAREST DRYWELL/FRENCH DRAIN AND MUST MAINTAIN MINIMUM 2" AIR GAP BETWEEN DRAIN TERMINATION AND TOP OF DRYWELL/FRENCH DRAIN. COORDINATE NEAREST DRYWELL/FRENCH DRAIN LOCATION WITH PLUMBING PLAN.
3. ALL GAS AND CONDENSATE DRAIN LINES SHALL BE ROUTED IN SUCH A MANNER AS TO NOT BLOCK OR OBSTRUCT ANY ACCESS (FILTER, COOLING COIL, FAN, ECT.) TO PACKAGED UNIT.
4. PACKAGED UNIT SHALL BE MOUNTED ON A MINIMUM 4" THICK CONCRETE PAD WITH CHAMFERED EDGES TO EXTEND A MINIMUM OF 6" ALL AROUND UNIT. CONCRETE PAD SHALL BE OF SUFFICIENT HEIGHT TO ALLOW FOR PROPER ROUTING OF CONDENSATE DRAIN AND GAS PIPING.
5. OUTSIDE AIR INTAKE HOOD TO BE FURNISHED AND INSTALLED WITH INSECT SCREEN AND A FULLY MODULATING (0-100%) DAMPER. ALL UNITS WITH A TOTAL COOLING CAPACITY OF 54,000 BTUH AND ABOVE TO BE INSTALLED WITH ECONOMIZER. ECONOMIZER WILL BE CONTROLLED THROUGH DIFFERENTIAL ENTHALPY CONTROL. HIGH LIMIT SHUTOFF TO BE BE SET SUCH THAT WHEN THE OUTDOOR AIR ENTHALPY EXCEEDS THE RETURN AIR ENTHALPY, THE ECONOMIZER WILL BE OFF. WHEN ECONOMIZER IS SET TO OFF, THE DAMPER SHALL MODULATE DOWN TO THE SET DESIGN MINIMUM OUTDOOR AIR QUANTITY.
6. WHEN PROVIDED WITH ECONOMIZER, UNIT TO BE FURNISHED AND INSTALLED WITH BAROMETRIC RELIEF DAMPER TO MAINTAIN BUILDING PRESSURE AND TO WORK IN CONJUNCTION WITH THE ECONOMIZER.

3 DETAIL - PACKAGED AIR CONDITIONING UNIT
N.T.S.



GENERAL NOTES:
1. CEILING CABINET FAN SHALL BE FACTORY PROVIDED WITH AN INSULATED FAN HOUSING.
2. PROVIDE SUPPORT ON EXHAUST DUCT AS PER SMACNA STANDARDS AND WITH A MINIMUM OF (2) SUPPORTS ON DUCTS OVER 6'-0" IN LENGTH AND (1) SUPPORT ON DUCTS UNDER 6'-0" IN LENGTH.
3. REFER TO MECHANICAL FLOOR PLANS FOR EXHAUST AIR DISCHARGE TERMINATION TYPE (THROUGH EXTERIOR WALL OR ROOF).

4 DETAIL - CEILING CABINET EXHAUST FAN
N.T.S.



GENERAL NOTES:
1. LOUVER SHALL BE HIGH PERFORMANCE WITH STATIONARY, DRAINABLE BLADES, 4" DEEP FRAME, AND SHALL BE CONSTRUCTED OF EXTRUDED ALUMINUM. LOUVER SHALL BE FURNISHED AND INSTALLED WITH A FRAMED, REMOVABLE BIRD SCREEN MOUNTED ON REAR OF LOUVER. REFER TO PLANS FOR LOUVER SIZE(S). COORDINATE EXACT MOUNTING HEIGHT OF LOUVER WITH ARCHITECT, UNLESS OTHERWISE NOTED ON PLANS.
2. REFER TO MANUFACTURER'S INSTALLATION GUIDE AND RECOMMENDATIONS FOR EXACT MOUNTING REQUIREMENTS OF LOUVER IN EXTERIOR WALL.
3. ALL EXHAUST AIR OUTLETS AND AIR INTAKES SHALL BE LOCATED A MINIMUM OF 15'-0" APART, UNLESS OTHERWISE NOTED ON PLANS.

5 DETAIL - EXTERIOR WALL LOUVER
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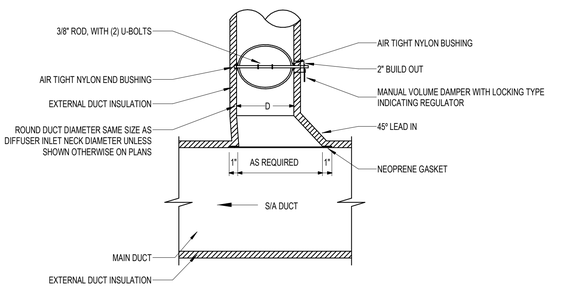
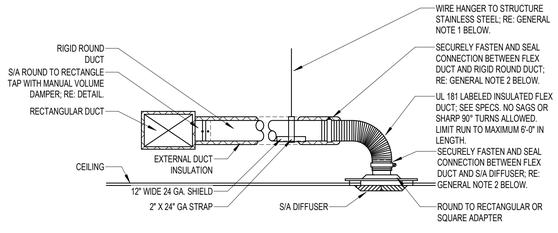


GENERAL NOTES:
1. S/A TAP TO BE FURNISHED AND INSTALLED ON ALL ROUND S/A DUCT TAKEOFFS.

6 DETAIL - S/A ROUND TO RECTANGLE TAP WITH MANUAL VOLUME DAMPER
N.T.S.



GENERAL NOTES:
1. PROVIDE SUPPORT ON ALL BRANCH DUCT RUNOUTS AS PER SMACNA STANDARDS AND WITH A MINIMUM OF (2) SUPPORTS ON BRANCH DUCTS OVER 6'-0" IN LENGTH AND (1) SUPPORT ON BRANCH DUCTS UNDER 6'-0" IN LENGTH.
2. CONNECTION TO BE MADE WITH PRESSURE SENSITIVE TAPE, AS PER SECTION 603.9 OF IMC, AS WELL AS A STAINLESS STEEL SCREW DRIVER OPERATED BAND. ALL FLEX DUCT CONNECTIONS SHALL ADHERE TO SECTION 603.9 OF 2009 IMC AND MANUFACTURES INSTALLATION INSTRUCTIONS.

7 DETAIL - TYPICAL DIFFUSER CONNECTION
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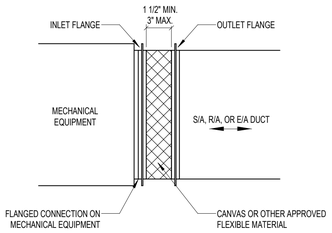

GENERAL NOTES:
1. FLEX CONNECTION SHALL BE FURNISHED AND INSTALLED ON ALL INLETS AND OUTLETS OF AIR HANDLING UNITS AND FANS.
2. FLEX CONNECTION SHALL BE SAME SIZE AS INLET/OUTLET OF EQUIPMENT.
3. FLEX CONNECTION SHALL BE PER NFPA-90A WITH 25 OR LESS FLAME SPREAD AND 50 OR LESS SMOKE DEVELOPMENT RATINGS.

8 DETAIL - FLEX CONNECTION
N.T.S.

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MECHANICAL DETAILS

CITY OF OPELOUSAS

SOUTH CITY PARK CENTER

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db | ARCHITECTURE OF ACADIANA, LLC
TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

PARISH ENGINEERING
7600 Innovation Park Drive
Baton Rouge, LA 70820
225.332.0222
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STATE OF LOUISIANA GRANT L. MATTE 34141 LICENSED PROFESSIONAL ENGINEER MECHANICAL ENGINEERING
01/17/2025

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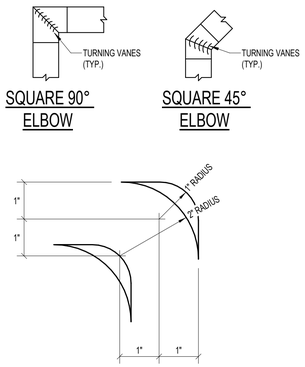
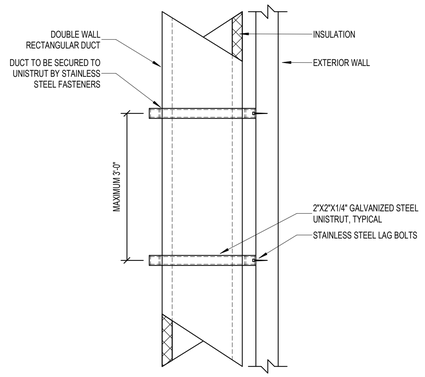
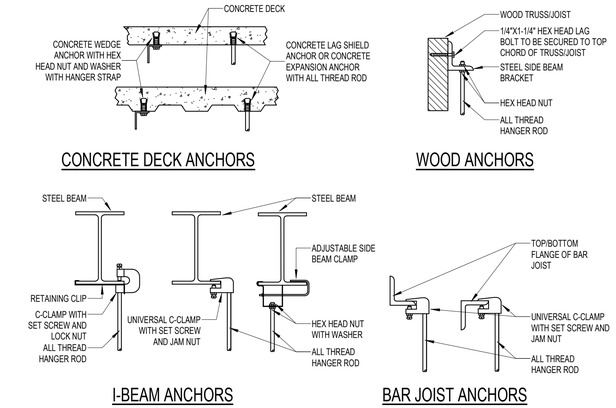


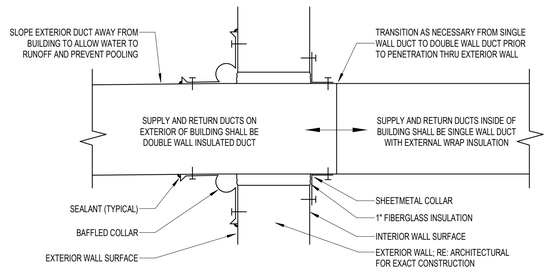
1 DETAIL - TURNING VANES
N.T.S.



5 DETAIL - DUCT WALL SUPPORT
N.T.S.

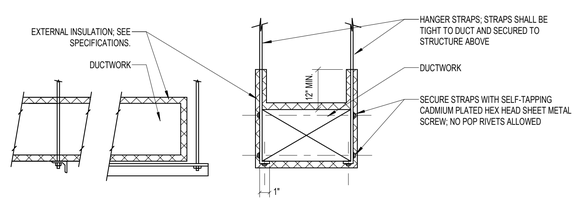


6 DETAIL - DUCT/PIPE HANGER ANCHORS
N.T.S.

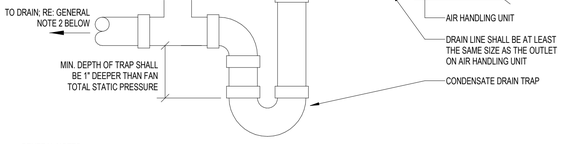


3 DETAIL - DUCT PENETRATION THRU EXTERIOR WALL
N.T.S.

HANGER SIZES FOR RECTANGULAR DUCT			
MAX. SIZE	HANGER	HORIZONTAL SUPPORT ANGLE	MAX. SPACING
30"	1"x18 GAGE STRAP	NONE REQUIRED	10'-0"
36"	1/4" ROUND ROD	1.5"x1.5"x1/8"	8'-0"
48"	1/4" ROUND ROD	2"x2"x1/8"	8'-0"
60"	5/16" ROUND ROD	2"x2"x1/8"	8'-0"
84"	3/8" ROUND ROD	2"x2"x1/8"	8'-0"

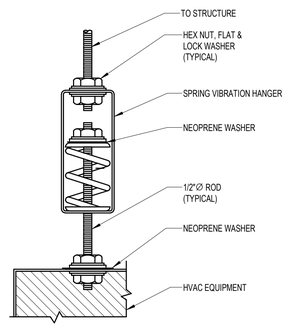


4 DETAIL - DUCT SUPPORT HANGERS
N.T.S.



GENERAL NOTES:
1. INSTALL A CLEANOUT AT EVERY CHANGE IN DIRECTION GREATER THAN 45° AND AT A MAXIMUM OF 25' INTERVALS.
2. PITCH CONDENSATE DRAIN DOWN TOWARD DRAIN AT A MINIMUM OF 1/8" PER FOOT.

2 DETAIL - CONDENSATE DRAIN TRAP
N.T.S.



7 DETAIL - SUSPENDED VIBRATION ISOLATOR
N.T.S.

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MECHANICAL DETAILS

CITY OF OPELOUSAS

SOUTH CITY PARK CENTER

South City Park, 1524 Market St, Opelousas, LA 70570 St. Landry Parish

PROJECT ID: 20231117

db | ARCHITECTURE OF ACADIANA, LLC
TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

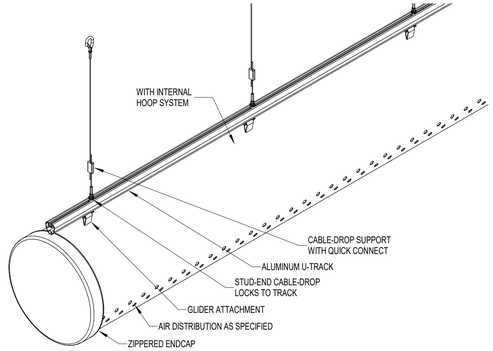
PARISH ENGINEERING
7600 Innovation Park Drive
Baton Rouge, LA 70820
225.332.0222
parisheng.com | #24-109

STATE OF LOUISIANA · GRANT T. MILLER · LICENSED PROFESSIONAL ENGINEER · CIVIL ENGINEERING
01/17/2025

PROJECT NUMBER: 20231117

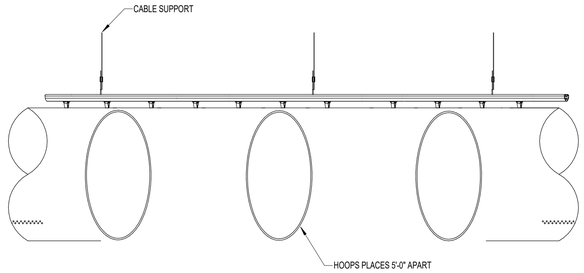
DATE: 01/17/2025

M301

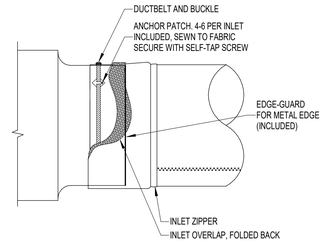


1 ROW U-TRACK SUSPENSION AT 12 O'CLOCK HOOPS (IHS) U-TRACK

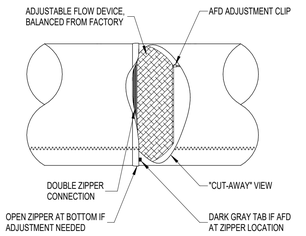
3 DETAIL - FABRIC DUCT - SUSPENSION
N.T.S.



4 DETAIL - FABRIC DUCT - CUT AWAY VIEW OF HOOPS (IHS)
N.T.S.



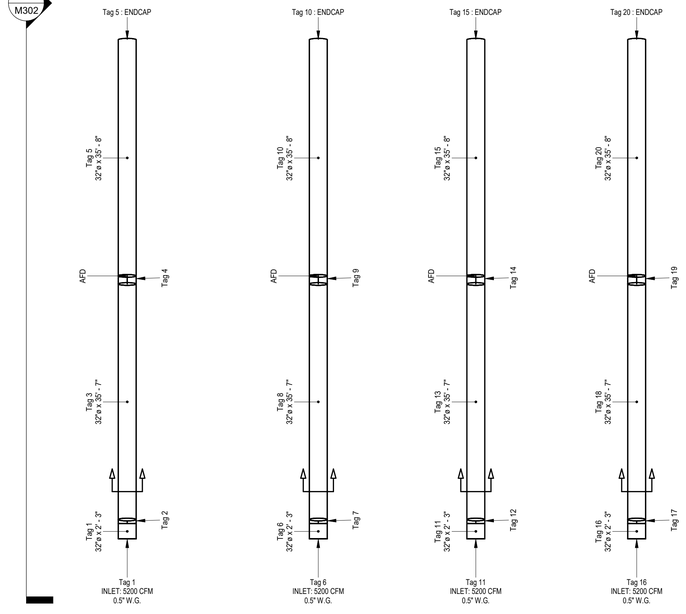
5 DETAIL - FABRIC DUCT - INLET ATTACHMENT
N.T.S.



NOTE:
1. INSTALLED AT ZIPPER LOCATION AT INLET OR AS SPECIFIED IN OTHER LOCATIONS. ZIPPER TO ZIPPER CONNECTION AS SHOWN. EXTERNAL LABEL IDENTIFIES LOCATION.

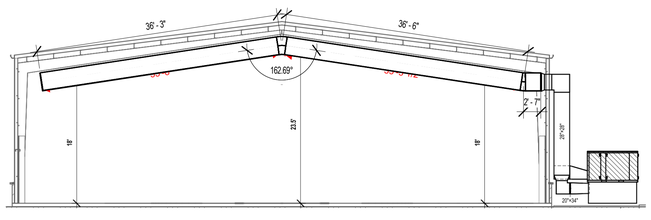
6 DETAIL - FABRIC DUCT - ADJUSTABLE FLOW DEVICE (AFD)
N.T.S.

2
M302



1 MECHANICAL REFERENCE - FABRIC DUCT LAYOUT
3/32" = 1'-0"

SCHEDULE - FABRIC DUCT AIR DISPERSION (VELOCITY OF 150, 100, 50 FPM)				
TAG #	CFM DISPERSED	DISPERSION TYPE	DISPERSION SET 1	DISPERSION SET 2
3	2600	Orifice	Size 1.4 at 4:30 - 11' 16' 26'	Size 1.4 at 7:30 - 11' 16' 26'
5	2600	Orifice	Size 1.4 at 4:30 - 11' 16' 26'	Size 1.4 at 7:30 - 11' 16' 26'
8	2600	Orifice	Size 1.4 at 4:30 - 11' 16' 26'	Size 1.4 at 7:30 - 11' 16' 26'
10	2600	Orifice	Size 1.4 at 4:30 - 11' 16' 26'	Size 1.4 at 7:30 - 11' 16' 26'
13	2600	Orifice	Size 1.4 at 4:30 - 11' 16' 26'	Size 1.4 at 7:30 - 11' 16' 26'
15	2600	Orifice	Size 1.4 at 4:30 - 11' 16' 26'	Size 1.4 at 7:30 - 11' 16' 26'
18	2600	Orifice	Size 1.4 at 4:30 - 11' 16' 26'	Size 1.4 at 7:30 - 11' 16' 26'
20	2600	Orifice	Size 1.4 at 4:30 - 11' 16' 26'	Size 1.4 at 7:30 - 11' 16' 26'



2 FABRIC DUCT LAYOUT - SECTION 1
3/32" = 1'-0"

PARISH ENGINEERING
7600 Innovation Park Drive
Baton Rouge, LA 70820
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100% CONSTRUCTION DOCUMENTS

MECHANICAL DETAILS

CITY OF OPELOUSAS

SOUTH CITY PARK CENTER

South City Park, 1524 Market St, Opelousas, LA 70570 St. Landry Parish

PROJECT ID: 20231117

db ARCHITECTURE OF ACADIANA, LLC
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ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

STATE OF LOUISIANA GRANT L. PARISH PROFESSIONAL ENGINEER MECHANICAL ENGINEER
01/17/2025

PROJECT NUMBER: 20231117
DATE: 01/17/2025
M302

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SCHEDULE - PACKAGE AIR CONDITIONERS

GENERAL			AIRFLOW			SUPPLY FAN		COMPRESSOR		CONDENSER FAN		EVAPORATOR COIL							HOT GAS REHEAT COIL		2-STAGE NATURAL GAS HEAT							ELECTRICAL SERVICE					EFFICIENCY			
				OUTSIDE AIR		AIRFLOW															INPUT		OUPUT		THERMAL EFF NOX										
MARK	SERVICE	NOMINAL TONS	SUPPLY AIR	MAX	MIN	MIN ESP	MOTOR	TYPE	QTY	FAN TYPE	FAN QTY	TOT CAP	SEN CAP	EADB	EAWB	LADB	LAWB	MAX FACE VELOCITY	TOT CAP	SENS CAP	STAGE 1	STAGE 2	STAGE 1	STAGE 2	(%)	GAS PRESSURE	EADB	LADB	VOLTS	PH	FREQ	MCA	MOCP	IEER	EER	WEIGHT	MANUFACTURER / MODEL
PACU-1	SPICE CENTER	15	5200 CFM	750 CFM	275 CFM	1.00 in-wg	3 hp	SCROLL	3	(2) ECM, (2) PSC	4	176000.0 Btu/h	140800.0 Btu/h	77.03 °F	64.6 °F	55 °F	54 °F	500 FPM	53500.0 Btu/h	27300.0 Btu/h	169000.0 Btu/h	260000.0 Btu/h	135000.0 Btu/h	211000.0 Btu/h	81	7.00 in-wg	62.79 °F	95 °F	480 V	3	60 Hz	31 A	35 A	15	12	2500 lb	LENNOX LGT180H4M OR APPROVED EQUAL
PACU-2	SPICE CENTER	15	5200 CFM	750 CFM	275 CFM	1.00 in-wg	3 hp	SCROLL	3	(2) ECM, (2) PSC	4	176000.0 Btu/h	140800.0 Btu/h	77.03 °F	64.6 °F	55 °F	54 °F	500 FPM	53500.0 Btu/h	27300.0 Btu/h	169000.0 Btu/h	260000.0 Btu/h	135000.0 Btu/h	211000.0 Btu/h	81	7.00 in-wg	62.79 °F	95 °F	480 V	3	60 Hz	31 A	35 A	15	12	2500 lb	LENNOX LGT180H4M OR APPROVED EQUAL
PACU-3	ZYDECO CENTER	15	5200 CFM	750 CFM	275 CFM	1.00 in-wg	3 hp	SCROLL	3	(2) ECM, (2) PSC	4	176000.0 Btu/h	140800.0 Btu/h	77.03 °F	64.6 °F	55 °F	54 °F	500 FPM	53500.0 Btu/h	27300.0 Btu/h	169000.0 Btu/h	260000.0 Btu/h	135000.0 Btu/h	211000.0 Btu/h	81	7.00 in-wg	62.79 °F	95 °F	480 V	3	60 Hz	31 A	35 A	15	12	2500 lb	LENNOX LGT180H4M OR APPROVED EQUAL
PACU-4	ZYDECO CENTER	15	5200 CFM	750 CFM	275 CFM	1.00 in-wg	3 hp	SCROLL	3	(2) ECM, (2) PSC	4	176000.0 Btu/h	140800.0 Btu/h	77.03 °F	64.6 °F	55 °F	54 °F	500 FPM	53500.0 Btu/h	27300.0 Btu/h	169000.0 Btu/h	260000.0 Btu/h	135000.0 Btu/h	211000.0 Btu/h	81	7.00 in-wg	62.79 °F	95 °F	480 V	3	60 Hz	31 A	35 A	15	12	2500 lb	LENNOX LGT180H4M OR APPROVED EQUAL

NOTES:

1. PROVIDE SINGLE POINT ELECTRICAL CONNECTION.
2. INSTALL WITH MANUFACTURER RECOMMENDED SERVICE & AIRFLOW CLEARANCE.
3. INSTALL DUCT, GAS & CONDENSATE IN MANNER AS TO NOT PROHIBIT ANY UNIT ACCESS OR SERVICING.
4. PROVIDED WITH HAIL GUARDS, OUTDOOR AIR HOOD, ECONIMIZER, BAROMETRIC RELIEF AIR DAMPER, CURB.
5. PROVIDE WITH COMMERCIAL PROGRAMMABLE THERMOSTAT. THERMOSTAT FOR UNIT SHALL BE CAPABLE OF BEING LOCKED OUT & USED AS TEMPERATURE, HUMIDITY & CO_2 SENSORS.
6. CONTRACTOR SHALL VERIFY EXACT ELECTRICAL REQUIREMENTS WITH EQUIPMENT MANUFACTURER PRIOR TO ORDERING OR INSTALLING. CONTRACTOR SHALL FULLY COORDINATE WITH ELECTRICAL AND PLUMBING CONTRACTORS PRIOR TO ORDERING OR INSTALLING.
7. PACKAGE UNITS SHALL BE PROVIDED WITH DUCT MOUNTED SMOKE DETECTORS IN BOTH THE SUPPLY AND RETURN AIR DUCTS.
8. PACKAGE UNITS SHALL HAVE DEHUMIDIFICATION CAPABILITIES.
9. VARIABLE FREQUENCY DRIVE - MODULATION OUTDOOR & SUPPLY BLOWER FAN SPEED.
10. APPROVALS:
    - A. AHRI STANDARD 340/360 CERTIFIED
    - B. ETL & CSA LISTED
    - C. CSA CERTIFIED ENERGY RATINGS
    - D. UNIT & COMPONENTS ETL, NEC & CEC BONDED FOR GROUNDING MEETING SAFETY STANDARDS FOR SERVICING.
    - E. ASHRAE 90.1 ENERGY EFFICIENT COMPLIANT & MEET OR EXCEED REQUIREMENTS OF SECTION 6.8
    - F. MEETS DOE 2023 ENERGY EFFICIENCY STANDARDS
    - G. MEET TILE 24 & ASHRAE 90.1 SECTION 6.5.1.10 REQUIREMENTS FOR STAGED AIRFLOW
    - H. ISO 9001 REGISTERED MANUFACTURING QUALITY SYSTEM
11. WARRANTY:
    - A. HEAT EXCHANGER - LIMITED TEN YEARS.
    - B. COMPRESSOR - LIMITED 5 YEARS
    - C. COIL SYSTEM - LIMITED 3 YEARS
    - D. UNIT CONTROLLER - LIMITED 3 YEARS
    - E. VFD - LIMITED 5 YEARS
    - F. ECONOMIZER - LIMITED 5 YEARS
    - G. ALL OTHER COVERED COMPONENTS - LIMITED 1 YEAR
12. PROVIDE BIPOLAR IONIZATION SYSTEM:
    - A. SEE BIPOLAR IONIZATION SCHEDULE.
    - B. BIPOLAR IONIZATION KIT BY EQUIPMENT MANUFACTURER ACCEPTABLE.
13. APPROVED MANUFACTURERS: LENNOX, CARRIER, TRANE, DAIKIN

FEATURES & BENEFITS:

1. HEATING SYSTEM:
    - A. TUBULAR CONSTRUCTION, ALUMINIZED STEEL, LIFE CYCLE TESTED.
    - B. DIRECT SPARK IGNITION.
    - C. ELECTRONIC FLAME SENSOR.
    - D. COMBUSTION AIR INDUCER.
    - E. REDUNDANT AUTO DUAL STAGE GAS VALVE WITH MANUAL SHUT OFF.
    - F. ELECTRONIC PILOT IGNITION.
        - a. FACTORY INTALLED IN CONTROL SECTION.
        - b. GAS VALVE OPEN ONLY WHEN BURNER PROVED LIT & GAS VALVE AUTO CLOSE AT LOSS OF FLAME.
    - G. LIMIT CONTROLS: FIXED TEMPERATE SETTINGS & PROTECTION FROM OVERHEAT.
    - H. SAFETY SWITCHES:
        - a. FLAME ROLL OUT SWITCH.
        - b. FLAME SENSOR.
        - c. COMBUSTION AIR INDUCER PROVING SWITCH.
    - I. MINIMUM 2 STAGE HEAT.
2. COOLING SYSTEM:
    - A. 0°F - 125°F OPERATION.
    - B. FACTORY LEAK TESTED.
    - C. COMPRESSOR SYSTEM:
        - a. SCROLL COMPRESSOR MOUNTED ON RUBBER GROMMETS.
        - b. CRANKCASE HEATERS.
        - c. THERMAL EXPANSION VALVES.
        - d. FILETER & DRIERS.
        - e. HIGH & LOW PRESSURE SWITCHES.
        - f. INDOOR COIL FREEZE PROTECTION.
    - D. ANTIMICROBIAL CONDENSATE DRAIN PAN WITH SIDE DRAIN CONNECTION.
    - E. CONDENSER FAN MOTORS:
        - a. ECM & PSC MOTORS.
        - b. THERMAL OVERLOAD PROTECTION.
        - c. FAN SPEED MODULATION BY UNIT CONTROLLER.
    - F. CABINET:
        - a. HEAVY GAUGE STEEL PANEL.
        - b. FULL PERIMETER HEAVY GAUGE GALVANIZED STEEL BASE RAIL WITH RIGGING HOLES & FORKLIFT SLOTS.
        - c. HORIZONTAL AIRFLOW:
            - • HORIZONTAL RA PANEL KIT & CURB AS REQUIRED.
        - d. GALVANIZED STEEL EXTERIOR PANELS WITH POLYURETHANE FINISH & SALT FOG & UV EXPOSURE TO 1,680 HRS PER ASTM D5894.
        - e. FULLY INSULATED BASE.
    - G. HINGED ACCESS PANELS:
        - a. FILTER SECTION.
        - b. BLOWER SECTION.
        - c. COMPRESSOR & CONTROLS SECTION.
        - d. QUARTER TURN LATCHING HANDLES & PANEL SEALS.
    - H. BLOWER:
        - a. OVERLOAD PROTECTED & BALL BEARINGS.
        - b. FORWARD CURVED BLADES, DOUBLE INLET.
        - c. STATIC & DYNAMIC BALANCED.
        - d. ADJUSTABLE PULLEY.
        - e. GREASE FITTINGS.
        - f. SLIDE OUT FOR SERVICING.
        - g. VFD FOR MULTI STAGE AIR VOLUME.
3. ELECTRICAL:
    - A. KEYED & COLOR CODED WIRING CONNECTORS.
    - B. LABELED CONNECTIONS.
    - C. PHASE & VOLTAGE DETECTION.
    - D. DISCONNECT SWITCH.
4. AIR QUALITY:
    - A. AIR FILTERS - 2" PLEATED FILTERS, MERV 8. INSTALL NEW FILTERS UPON SUBSTANTIAL COMPLETION & PROVIDE OWNER WITH ADDITIONAL SET.
    - B. CO2 SENSORS FOR IAQ & DEMAND CONTROL VENTILATION - INTEGRATED WITH UNIT CONTROLLER & ECONIMIZER DAMPER CONTROL.
5. UNIT CONTROLLER:
    - A. MICROPROCESSOR WITH FLEXIBLE CONTROL FUNCTIONS.
    - B. MOBILE SERVICE APP AVAILABLE.
    - C. BUILT IN 7 SEGMENT DISPLAY FOR UNIT STATUS & ALARMS.
    - D. TEST & CLEARING DELAY BUTTONS.
    - E. KEYED & REMOVABLE SCREW TERMINALS FOR FIELD WIRING.
    - F. TWO PORT ETHERNET SWITCH FOR AUTO FIRMWARE UPDATES.
        - a. CONTRACTOR SHALL PROVIDE CONDUIT, PULL STRINGS & ETHERNET CABLE TO BUILDING SERVER.
    - G. BUILT IN FUNCTIONS:
        - a. DISCHARGE AIR COOLING & HEATING CONTROL..
        - b. THREE INDEINPENDENT BLOWERS SPEEDS FOR HEATING, VENTILATION & COOLING..
        - c. ECONOMIZER CONTROL.
        - d. NIGHT SETBACK & MORNING WARMUP MODES.
        - e. FRESH AIR TEMPERING.
        - f. DEMAND CONTORL VENTILATION.
        - g. DEHUMIDIFICATION CONTROL - HOT GAS REHEAT.
    - H. EQUIPMENT & UNIT SAFEGUARDS:
        - a. COMPRESSOR TIME OFF DELAY & MIN RUN TIME..
        - b. ADJUSTABLE BLOWER ON/OFF DELAY.
        - c. RETURN AIR LIMIT CONTROL.
        - d. SAFETY SWITCH INPUT FOR EXTERNAL SAFETY SWITCH TRIP.
        - e. THERMOSTAT BOUNCE DELAY.
        - f. SMOKE ALARM MODE.
        - g. GAS VALVE TIME DELAY.
        - h. SERVICE RELAY OUTPUT.
    - I. TEMPERATURE, HUMIDITY & CO2 SENSOR INPUT.
    - J. SMOKE DETECTOR.
    - K. COMMERCIAL, 7-DAY PROGRAMMABLE THERMOSTAT.
6. HIGH PERFORMANCE ECONIMIZER:
    - A. MOTORIZED & MANUAL DAMPERS FOR OUTDOOR & RETURN AIR.
    - B. LOW LEAKAGE DAMPER.
    - C. OUTDOOR AIR HOOD.
    - D. LINKED DAMPER ACTION.
    - E. 24V MODULATING SPRING RETURN DAMPER.
    - F. RA & OA DAMPERS.
    - G. PLUG IN CONNECTIONS TO UNIT.
    - H. DIFFERNTIAL ENTHALPY CONTROL:
        - a. FIELD INSTALLED IN RETURN AIR & OUTDOOR AIR SECTION.
        - b. UNIT CONTROLLER SELECT OA OR RA BASED ON LOWEST ENTHALPY.
    - I. FIELD INSTALLED OUTDOOR AIR FLOW CONTROL.
    - J. HORIZONTAL BAROMETRIC RELIEF DAMPER.
    - K. LINKED MECHANICAL OA & RA DAMPERS: 0 - 25% ADJUSTABLE, MODULATING.
7. HORIZONTAL CURB:
    - A. RETURN AIR ON UNIT, SUPPLY AIR ON CURB.
    - B. MINIMUM 26" HEIGHT.
    - C. INSULATION KIT.
8. HOT GAS REHEAT WITH DEHUMIDIFICAITON CONTROL

OPTIONS / ACCESSORIES

1. DRAIN PAN OVERFLOW SWITCH.
2. CONDENSATE DRAIN TRAP - FIELD INSTALLED.
3. HORIZONTAL POWER & GAS ENTRY.
4. COMBINATION COIL/HAIL GUARDS.
5. HORIZONTAL RETURN AIR PANEL KIT.
6. MULTI-STAGE AIR VOLUME BY VFD WITH CONTROLS FOR:
    - A. COOLING, HEATING & VENTILATION DEMAND.
    - B. MODULATES WITH COMPRESSOR STAGES.
    - C. SMOKE ALARM.
    - D. VFD WITH BYPASS CONTROL.
7. BLOWER BELT AUTO-TENSIONER.
8. ELECTRICAL:
    - A. CIRCUIT BREAKERS - FACTORY INSTALLED.
    - B. SCCR.
    - C. FACTORY INSTALLED 120V GFCI SERVICE OUTLETS (2), FACTORY INSTALLED, POWERED, AND WIRED WITH WEATHERPROOF COVERS.
9. HEALTHY CLIMATE HIGH EFFICIENCY AIR FILTERS:
    - A. 2" PLEATED FILTERS
    - B. MERV 13
10. DEMAND CONTROL VENTILATION WITH INDOOR AIR QUALITY (CO2) SENSORS TO MONITOR CO2 LEVELS, REPORT BACK TO UNIT CONTROLLER, AND MODULATE ECONOMIZER DAMPERS AS NEEDED.
11. UNIT CONTROLLER BY UNIT MANUFACTURER CAPABLE OF ADJUSTING PARAMETERS FOR ALL UNIT CAPABILITIES (DCV, SETPOINTS, DEHUMIDIFICATION, ECONOMIZER, ETC.)
12. DIRTY FILTER SWITCH.
13. OUTDOOR AIR CFM CONTORL.
14. DEHUMIDIFICATION CONTROL - HUMIDITY SENSORS.
15. FACTORY INSTALLED BAROMETRIC RELIEF DAMPERS WITH BIRD SCREEN.
16. FACTORY INSTALLED OUTDOOR AIR HOOD & OUTDOOR AIR DAMPER.
17. REMOTE MOUNTED HUMIDITY SENSOR KIT.
18. THERMOSTAT:
    - A. 7 DAY PROGRAMMABLE.
    - B. FULLY COMMUNICATING SENSOR.
    - C. COLOR TOUCHSCREEN INTERFACE.
    - D. VARIABLE SPEED SYSTEM CONTROL.
    - E. UP TO 4 HEAT & 4 COOLING STAGES.
    - F. BUILT IN TEMPERATURE, HUMIDITY & CO2 SENSORS.
    - G. SETBACK RECOVER.
    - H. AUTO COOL & HEAT CHANGE OVER.
    - I. 4 WIRE INSTALLATION.
    - J. FDD, ASHRAE & IECC COMPLAINT.
19. MULTI-STAGE AIR VOLUME UTILIZING A VARIABLE FREQUENCY DRIVE (INTEGRAL TO PACKAGE UNIT, BY PACKAGE UNIT MANUFACTURER) TO STAGE THE SUPPLY BLOWER AIRFLOW.
    - A. AIRFLOW STAGED ACCORDING TO COMPRESSOR STAGES, HEATING DEMAND & VENTILATION DEMAND.
    - B. AIRFLOW FOR EACH STAGE CAN BE SET ACCORDING TO PARAMETER BY UNIT CONTROLLER.
    - C. PROVIDED WITH ELECTRONIC BYPASS CONTROL.
    - D. VFD ALARM GENERATED WHEN VFD MALFUNCTION.
20. HUMIDITROL DEHUMIDIFICATION SYSTEM - HOT GAS REHAT:
    - A. FACTORY INSTALLED, HUMIDITY CONTROL USING ASHRAE 90.1 METHOD FOR COMFORT CONDITIONING & HUMIDITY CONTROL.
    - B. ONE ROW REHEAT COIL, SOLENOID VALVE
    - C. HUMIDITY SENSOR IN SPACE REQUIRED

CONTROLS & SEQUENCE OF OPERATIONS

1. CONTROLS BY THERMOSTAT SETTINGS & UNIT CONTROLLER.
2. PROVIDE START UP & ADJUST SETTINGS UPON TEST & BALANCE. STARTUP TO COORDINATE WITH T&B CONTRACTOR PRIOR TO FINAL SETTING ADJUSTMENT.
3. MODES:
    - A. OCCUPIED.
    - B. UNOCCUPIED.
    - C. NIGHT TIME SETBACK.
    - D. MORNING WARMUP.
4. SUPPLY AIR BLOWER SPEED SETTINGS:
    - A. COOLING SPEED - 3 STAGE.
    - B. VENTILATION SPEED.
    - C. HEATING SPEED.
5. COOLING:
    - A. MODULATES COMPRESSOR & FAN SPEEDS BASED ON COOLING DEMAND.
    - B. MINIMUM 3 STAGES.
6. DEHUMIDIFICATION:
    - A. MODULATES COMPRESSOR & FAN SPEEDS BASED ON DEHUMIDIFICATION DEMAND.
    - B. MINIMUM 3 STAGES.
    - C. ECONOMIZER LOCKED OUT.
7. HEATING:
    - A. FAN SET TO HEATING SPEED.
    - B. MINIMUM 2 STAGES.
8. DEMAND CONTROL VENTILATION:
    - A. MODULATES OUTSIDE & RETURN AIR DAMPER BASED ON CO2 SETPOINT.
    - B. 2 POSITION FOR DCV OPEN TO MAX WHEN CO2 SETPOINT EXCEEDS.
        - a. INITIAL CO2 SETPOINT = 800 PPM.
    - C. CO2 SENSOR AT THERMOSTAT.
9. ECONOMIZER:
    - A. MODULATES OUTSIDE & RETURN AIR DAMPER BASED ON DIFFERENTIAL ENTHALPY SENSORS & LOWEST ENTHALPY AIR.
    - B. MODULATES COMPRESSOR & FAN SPEEDS BASED ON DEMAND.
    - C. ENTHALPY SENSOR IN OA & RA SECTION.
10. SMOKE DETECTION:
    - A. UNIT SHUTDOWN WHEN SMOKE DETECTED.
    - B. SMOKE DETECTOR IN SUPPLY & RETURN AIR SECTION.
    - C. INTEGRATE WITH FIRE ALARM FOR STATUS/ALARM.

SCHEDULE - AIR HANDLING UNITS

			SUPPLY FAN					DX COOLING COIL		DX COOLING COIL					ELECTRIC HEAT COIL						ELECTRICAL SERVICE						
			AIRFLOW			MOTOR																					
MARK	DESCRIPTION	NOMINAL TONS	SA	OA	EXT SP	QTY	POWER	TOT CAP	SENS CAP	EADB	EAWB	LADB	LAWB	MAX FACE VELOCITY	MIN STAGES	TOT CAP	BTU/H	EADB	LADB	VOLTS	PH	FREQ	MCA	MOCP	WEIGHT	MANUFACTURER / MODEL
AHU-1	DX SPLIT AIR HANDLER WITH ELECTRIC HEAT	2	950 CFM	75 CFM	0.50 in-wg	1	0.5 hp	24000 Btu/h	19200 Btu/h	75.66 °F	63.42 °F	55 °F	54 °F	500 FPM	1	6 kW	20500 Btu/h	66.05 °F	86.01 °F	208 V	1	60 Hz	41 A	45 A	175 lb	LENNOX CBA27UHE-024 OR APPROVED EQUAL
AHU-2	DX SPLIT AIR HANDLER WITH ELECTRIC HEAT	2	950 CFM	75 CFM	0.50 in-wg	1	0.5 hp	24000 Btu/h	19200 Btu/h	75.66 °F	63.42 °F	55 °F	54 °F	500 FPM	1	6 kW	20500 Btu/h	66.05 °F	86.01 °F	208 V	1	60 Hz	41 A	45 A	175 lb	LENNOX CBA27UHE-024 OR APPROVED EQUAL
AHU-3	DX SPLIT AIR HANDLER WITH ELECTRIC HEAT	2	950 CFM	75 CFM	0.50 in-wg	1	0.5 hp	24000 Btu/h	19200 Btu/h	75.66 °F	63.42 °F	55 °F	54 °F	500 FPM	1	6 kW	20500 Btu/h	66.05 °F	86.01 °F	208 V	1	60 Hz	41 A	45 A	175 lb	LENNOX CBA27UHE-024 OR APPROVED EQUAL

NOTES:

1. PROVIDE SINGLE POINT ELECTRICAL CONNECTION.
2. PROVIDE WITH COMMERCIAL PROGRAMMABLE THERMOSTAT.
3. PROVIDE 4" TALL 16 GA. GALVANIZED STEEL DRAIN PAN WITH FLOAT SWITCH (CONDENSING UNIT TO DE-ENERGIZE WHEN FLOAT SWITCH IS TRIPPED) UNDER ENTIRE UNIT. PROVIDE NIPPLE ON AUXILIARY DRAIN PAN, ROUTE CONDENSATE DRAIN LINE FROM AUXILIARY DRAIN PAN TO HUB DRAIN. PROVIDE SHUT OFF VALVE (NORMALLY CLOSED) IN AUXILIARY DRAIN PAN CONDENSATE DRAIN LINE. FIELD ROUTE 3/4" COPPER CONDENSATE DRAIN LINE TO HUB DRAIN. CONDENSATE LINE SHALL BE RIGID INSULATED COPPER.
4. PROVIDE FULL SIZE PLENUM ON BOTTOM/REAR OF AIR HANDLING UNIT. LENGTH AS REQUIRED FOR BRANCH DUCT CONNECTIONS.
5. INSTALL WITH MANUFACTURER'S RECOMMENDED SERVICE CLEARANCE. ENSURE THAT PROPER CLEARANCE FOR FILTER REMOVAL IS PROVIDED.
6. PROVIDE MANUAL VOLUME DAMPER ON OUTSIDE AIR AND RETURN AIR DUCT.

SCHEDULE - CONDENSING UNITS

			COMPRESSOR				FAN		ELECTRICAL SERVICE							
MARK	DESCRIPTION	NOMINAL TONS	TYPE	QTY	REF. TYPE	AMBIENT TEMP	QTY	POWER	VOLTS	PH	FREQ	MCA	MOCP	EER	WEIGHT	MANUFACTURER / MODEL
CU-1	DX SPLIT CONDENSER; AC	2	SCROLL	1	R-410A	95 °F	1	0.17 hp	208 V	1	60 Hz	14.6 A	25 A	13.5	175 lb	LENNOX ML14XC1-024 OR APPROVED EQUAL
CU-2	DX SPLIT CONDENSER; AC	2	SCROLL	1	R-410A	95 °F	1	0.17 hp	208 V	1	60 Hz	14.6 A	25 A	13.5	175 lb	LENNOX ML14XC1-024 OR APPROVED EQUAL
CU-3	DX SPLIT CONDENSER; AC	2	SCROLL	1	R-410A	95 °F	1	0.17 hp	208 V	1	60 Hz	14.6 A	25 A	13.5	175 lb	LENNOX ML14XC1-024 OR APPROVED EQUAL

NOTES:

1. PROVIDE SUCTION ACCUMULATORS.
2. LIQUID AND SUCTION LINES SHALL BE SIZED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS WITH CONSIDERATIONS FOR ALL ACCESSORIES, LENGTH OF RUNS, TURNS AND RISES TO ENSURE PROPER OPERATION AND CAPACITY.
3. PROVIDE 4" HIGH CONCRETE HOUSEKEEPING PAD WITH CHAMFERED EDGES (REINFORCED WITH RODS) 6" BEYOND THE EDGE OF THE UNIT FOOTPRINT ON ALL SIDES.
4. INSTALL WITH MANUFACTURER'S RECOMMENDED AIRFLOW AND SERVICE CLEARANCES.

SCHEDULE - MINI SPLIT SYSTEMS

MARK			AIRFLOW			CAPACITIES			ELECTRICAL SERVICE					EFFICIENCY				WEIGHT		
OUTDOOR	INDOOR	SERVICE	HIGH	MEDIUM	LOW	COOLING	HIGH HEATING	LOW HEATING	VOLTS	PH	FREQ	MCA	MOCP	SEER	EER2	HSPF2(IV)	INDOOR UNIT TYPE	OUTDOOR	INDOOR WEIGHT	MANUFACTURER-MODEL
HP-A	CC.A1,A.2	TICKET BOOTHS	375 CFM	300 CFM	255 CFM	18000.0 Btu/h	19000.0 Btu/h	11000.0 Btu/h	208 V	1	60 Hz	14 A	20 A	22.9	13.9	10.5	CEILING CASSETTE	110 lb	40 lb	LENNOX MPCD18S4M & M22A009S4 OR APPROVED EQUAL

NOTES:

1. LIQUID & SUCTION LINES SIZED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS WITH CONSIDERATION FOR PIPING LENGTHS, RISES, FITTINGS, ETC.
2. PROVIDE STANDALONE WIRED & PROGRAMMABLE THERMOSTAT ON WALL NEXT TO LIGHT SWITCH. COORDINATE EXACT LOCATION WITH GENERAL CONTRACTOR & ARCHITECT PRIOR TO INSTALLATION.
3. INDOOR MINISPLIT UNITS SHALL BE POWERED FROM THE ASSOCIATED OUTDOOR UNIT. COORDINATE WITH ELECTRICAL PRIOR TO CONSTRUCTION.
4. PROVIDE LOW AMBIENT COOLING OPERATION.
5. PROVIDE INTEGRAL CONDENSATE PUMP WHERE GRAVITY DRAINAGE IS NOT POSSIBLE. COORDINATE LOCATION OF HUB DRAINS FOR CONDENSATE WITH THE PLUMBING CONTRACTOR PRIOR TO PLUMBING ROUGH-IN.
6. DO NOT INSTALL UNIT OR ANY PIPING DIRECTLY ABOVE ANY ELECTRICAL EQUIPMENT. IF UNITS MUST BE LOCATED ABOVE ANY OTHER EQUIPMENT DUE TO BUILDING CONSTRAINTS, PROVIDE 18 GAUGE G90 GALVANIZED SHED PANEL BELOW ANY & ALL CONDENSATE DRAIN LINES.
7. COORDINATE WITH ELECTRICAL CONTRACTOR FOR ELECTRICAL DISCONNECT.
8. CONTROL WIRING BETWEEN INDOOR & OUTDOOR UNIT SHALL BE PROVIDED BY MECHANICAL CONTRACTOR.
9. INSTALL WITH MANUFACTURER'S RECOMMENDED AIRFLOW AND SERVICE CLEARANCES.

SCHEDULE - BIPOLAR IONIZATION DEVICES

MARK	AHU	FLOW TYPE	MAX SA	ACTUAL SA	ACTUAL OA	PRESSURE DROP	MOUNTING LOCATION	MIN. ION DENSITY (IONS/CC)	ELECTRICAL		MANUFACTURER / MODEL
									VOLTS	WATTS	
BI-1	AHU-1	CAV	2400 CFM	950 CFM	75 CFM	0.05 in-wg	SUPPLY DUCT	200 MILLION	24 V	14 W	GLOBAL PLASMA SOLUTIONS DM-2 OR APPROVED EQUAL
BI-2	AHU-2	CAV	2400 CFM	950 CFM	75 CFM	0.05 in-wg	SUPPLY DUCT	200 MILLION	24 V	14 W	GLOBAL PLASMA SOLUTIONS DM-2 OR APPROVED EQUAL
BI-3	AHU-3	CAV	2400 CFM	950 CFM	75 CFM	0.05 in-wg	SUPPLY DUCT	200 MILLION	24 V	14 W	GLOBAL PLASMA SOLUTIONS DM-2 OR APPROVED EQUAL
BI-4A,4B	PACU-1	CAV	3200 CFM	5200 CFM	750 CFM	0.05 in-wg	SUPPLY DUCT	350 MILLION	24 V	1 W	GLOBAL PLASMA SOLUTIONS GPS-FC-3-BAS OR APPROVED EQUAL
BI-5A,5B	PACU-2	CAV	3200 CFM	5200 CFM	750 CFM	0.05 in-wg	SUPPLY DUCT	350 MILLION	24 V	1 W	GLOBAL PLASMA SOLUTIONS GPS-FC-3-BAS OR APPROVED EQUAL
BI-6A,6B	PACU-3	CAV	3200 CFM	5200 CFM	750 CFM	0.05 in-wg	SUPPLY DUCT	350 MILLION	24 V	1 W	GLOBAL PLASMA SOLUTIONS GPS-FC-3-BAS OR APPROVED EQUAL
BI-7A,7B	PACU-4	CAV	3200 CFM	5200 CFM	750 CFM	0.05 in-wg	SUPPLY DUCT	350 MILLION	24 V	1 W	GLOBAL PLASMA SOLUTIONS GPS-FC-3-BAS OR APPROVED EQUAL

NOTES:

1. BASIS OF DESIGN: GPS AIR: SUBSTITUTIONS MUST BE APPROVED BY THE ENGINEER, SUBJECT TO SPECIFICATION OF COMPLIANCE.
2. IF CONTRACTOR SUBSTITUTES BASIS OF DESIGN WITH ANOTHER MANUFACTURER, CONTRACTOR SHALL COORDINATE ALL ELECTRICAL AND MECHANICAL CHANGES.
3. ION OUTPUT FROM THE NPBI DEVICE SHALL BE MEASURED IN IONS PER CUBIC CENIMETER (IONS/CC) AND VERIFIABLE WITH FIELD INSTRUMENTATION PER THE MANUFACTURER'S INSTRUCTIONS. SUBSTITUTION OF PRODUCTS WITH MATHEMATICALLY CALCULATED, NOT MEASURABLE, ION FLOW IN IONS/SECOND ARE NOT ACCEPTABLE.
4. BI-POLAR IONIZATION SYSTEMS REQUIRING REPLACEMENT PARTS, INCLUDING GAS TUBES ARE NOT ACCEPTABLE.
5. MOUNT NEEDLEPOINT BI-POLAR ION GENERATOR WHERE INDICATED ON PLANS AND SCHEDULES.
6. PROVIDE WITH SELF-CLEANING FEATURE. SYSTEMS WITHOUT SELF-CLEANING SHALL NOT BE ACCEPTABLE.
7. MUST BE UL-2998 ZERO OZONE CERTIFIED BY EITHER UL OR ETL. MUST BE CARB COMPLIANT FOR CALIFORNIA APPLICATIONS.
8. PROVIDE WITH INTEGRAL ALARM CONTACTS.

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MECHANICAL SCHEDULES

CITY OF OPELOUSAS

SOUTH CITY PARK CENTER

South City Park, 1524 Market St, Opelousas, LA 70570 St. Landry Parish

PROJECT ID: 20231117

db | ARCHITECTURE OF ACADIANA, LLC

TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

PARISH ENGINEERING

7600 Innovation Park Drive 225.332.0222
Baton Rouge, LA 70820 parisheng.com | #24-109

STATE OF LOUISIANA GRANT L. PARISH LICENSED PROFESSIONAL ENGINEER MECHANICAL ENGINEERING
01/17/2025

PROJECT NUMBER: 20231117

DATE: 01/17/2025

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SCHEDULE - FANS

MARK	FAN TYPE	FAN AIRFLOW	FAN MIN EXT ESP	FAN MAX SONES	FAN RPM	FAN MOTOR DRIVE	FAN MOTOR POWER	FAN MOTOR VOLTS	FAN MOTOR PH	FAN MOTOR FREQ	WEIGHT	CONTROLS	MANUFACTURER / MODEL
EF-1	CABINET EXHAUST	150 CFM	0.25 in-wg	1.6	709	DIRECT	26 W	120 V	1	60 Hz	30 lb	OCCUPANCY SENSOR ON FACE OF EXHAUST FAN	GREENHECK SP-A200 OR APPROVED EQUAL
EF-2	CABINET EXHAUST	300 CFM	0.25 in-wg	3.7	1153	DIRECT	135 W	120 V	1	60 Hz	30 lb	OCCUPANCY SENSOR ON FACE OF EXHAUST FAN	GREENHECK SP-A390 OR APPROVED EQUAL
EF-3	CABINET EXHAUST	75 CFM	0.25 in-wg	0.4	870	DIRECT	12 W	120 V	1	60 Hz	15 lb	SEPARATE SWITCH ON WALL ADJACENT TO LIGHT SWITCH	GREENHECK SP-A90 OR APPROVED EQUAL
EF-4	CABINET EXHAUST	150 CFM	0.25 in-wg	1.6	709	DIRECT	26 W	120 V	1	60 Hz	30 lb	OCCUPANCY SENSOR ON FACE OF EXHAUST FAN	GREENHECK SP-A200 OR APPROVED EQUAL
EF-5	CABINET EXHAUST	300 CFM	0.25 in-wg	3.7	1153	DIRECT	135 W	120 V	1	60 Hz	30 lb	OCCUPANCY SENSOR ON FACE OF EXHAUST FAN	GREENHECK SP-A390 OR APPROVED EQUAL
EF-6	CABINET EXHAUST	75 CFM	0.25 in-wg	0.4	870	DIRECT	12 W	120 V	1	60 Hz	15 lb	SEPARATE SWITCH ON WALL ADJACENT TO LIGHT SWITCH	GREENHECK SP-A90 OR APPROVED EQUAL

NOTES:

1. PROVIDE INSULATED FAN HOUSING.
2. PROVIDE FACTORY MOUNTED AND WIRED SPEED CONTROLLERS FOR ALL DIRECT DRIVE FANS FOR AIR BALANCING.
3. PROVIDE BACKDRAFT DAMPERS FOR ALL RESTROOM EXHAUST FANS.
4. PROVIDE INTEGRAL DISCONNECTING MEANS.
5. PROVIDE MOTORS WITH BUILT-IN THERMAL OVERLOAD PROTECTION FOR ALL FANS.
6. ALL EXHAUST AND SUPPLY FANS SHALL BE AMCA RATED FOR BOTH AIR AND SOUND.
7. PROVIDE FACTORY FINISHES ON ALL SURFACE EXPOSED TO VIEW.

SCHEDULE - AIR DEVICES

MARK	SERVICE	GRILLE	DIFFUSER	SLOT	CEILING	WALL	DAMPER	DUCT	DESCRIPTION	FACE SIZE	NECK TYPE	NECK SIZE	MATERIAL	FINISH	MANUFACTURER / MODEL
A	SUPPLY		X		X				SQUARE PLAQUE DIFFUSER	12 X 12	ROUND	6	ALUMINUM	BAKED ENAMEL	PRICE MODEL ASPD OR APPROVED EQUAL
B	SUPPLY		X		X				SQUARE PLAQUE DIFFUSER	24 X 24	ROUND	8	ALUMINUM	BAKED ENAMEL	PRICE MODEL ASPD OR APPROVED EQUAL
C	SUPPLY		X		X				SQUARE PLAQUE DIFFUSER	24 X 24	ROUND	10	ALUMINUM	BAKED ENAMEL	PRICE MODEL ASPD OR APPROVED EQUAL
E	RETURN	X			X				LOUVER FACE WITH 3/4" BLADE SPACING	24 X 24	RECT	24 X 24	ALUMINUM	BAKED ENAMEL	PRICE MODEL 630 OR APPROVED EQUAL
F	RETURN	X				X			45° DEFLECTION, 3/4" BLADE SPACING, HEAVY DUTY GYM GRILLE	16 X 8	RECT	16 X 8	STEEL	BAKED ENAMEL	PRICE MODEL 96 OR APPROVED EQUAL
G	RETURN	X				X			45° DEFLECTION, 3/4" BLADE SPACING, HEAVY DUTY GYM GRILLE	48 X 36	RECT	48 X 36	STEEL	BAKED ENAMEL	PRICE MODEL 96 OR APPROVED EQUAL

NOTES:

1. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPE. PROVIDE PLASTER FRAME FOR GYPSUM BOARD CEILING INSTALLATION.
2. ALL GRILLES AND DIFFUSERS SHALL COME WITH WHITE FINISH UNLESS SPECIFIED OTHERWISE BY THE ARCHITECT. FINISH SHALL BE SUITABLE FOR FIELD PAINTING WITHOUT ANY ADDITIONAL PREPARATION.
3. MANUFACTURERS AND MODEL NUMBERS LISTED REPRESENT BASIS OF DESIGN AND QUALITY OF EQUIPMENT TO BE INSTALLED.
4. FOR BIDDING, FIGURE SQUARE TO ROUND TRANSITIONS FOR ALL SQUARE NECK GRILLES AND DIFFUSERS FOR CONNECTION TO ROUND BRANCH DUCTS.

SCHEDULE - LOUVERS

MARK	SERVICE	BPWP	SIZE W	SIZE H	SIZE D	AIRFLOW	FREE AREA	FREE AREA VELOCITY (FPM)	STATIC PRESSURE DROP	MATERIAL	MANUFACTURER / MODEL
L-1	EF-1,2	1083 FPM	24"	18"	5 1/2"	450 CFM	1.03 ft²	437	0.08 in-wg	ALUMINUM	GREENHECK EHV-550 OR APPROVED EQUAL
L-2	EF-3	1083 FPM	12"	12"	5 1/2"	75 CFM	0.23 ft²	326	0.04 in-wg	ALUMINUM	GREENHECK EHV-550 OR APPROVED EQUAL
L-3	AHU-1	1083 FPM	12"	12"	5 1/2"	75 CFM	0.23 ft²	326	0.04 in-wg	ALUMINUM	GREENHECK EHV-550 OR APPROVED EQUAL
L-4	AHU-2	1083 FPM	12"	12"	5 1/2"	75 CFM	0.23 ft²	326	0.00 in-wg	ALUMINUM	GREENHECK EHV-550 OR APPROVED EQUAL
L-5	EF-4,5	1083 FPM	24"	18"	5 1/2"	450 CFM	1.03 ft²	437	0.08 in-wg	ALUMINUM	GREENHECK EHV-550 OR APPROVED EQUAL
L-6	AHU-3	1083 FPM	12"	12"	5 1/2"	75 CFM	0.23 ft²	326	0.00 in-wg	ALUMINUM	GREENHECK EHV-550 OR APPROVED EQUAL
L-7	EF-6	1083 FPM	12"	12"	5 1/2"	75 CFM	0.23 ft²	326	0.00 in-wg	ALUMINUM	GREENHECK EHV-550 OR APPROVED EQUAL

NOTES:

1. PROVIDE LOUVERS WITH 70% KYNAR FINISH WITH COLOR SELECTED BY ARCHITECT.
2. REFER TO ARCHITECT FOR EXACT INSTALLATION HEIGHT AND COLOR SELECTION.
3. ALL LOUVERS SHALL BE FLORIDA PRODUCT APPROVED.
4. PROVIDE LOUVERS WITH DRAINABLE BLADES, 1/2" x 1/2" BIRDSCREENS, CHANNEL FRAMES & EXTENDED SILLS.
5. PROVIDE MULLION CONNECTED SECTIONS FOR LOUVERS LARGER THAN 5'-0" (WIDTH OR HEIGHT).
6. LOUVERS SHALL BE AMCA 550 COMPLIANT.

INSTALLATION NOTES:

1. PROVIDE FULL SIZE PLENUM ON REAR OF LOUVER. TRANSITION AS REQUIRED & SHOWN ON DRAWINGS.
2. PROVIDED EXTERNAL INSULATION ON PLENUM. REFER TO SPECIFICATIONS FOR INSULATION.
3. SLOPE BOTTOM OF SHEET METAL PLENUM TO EXTERIOR FOR DRAINING.
4. SUPPORT PLENUM FROM STRUCTURE ABOVE OR FLOOR (WHERE APPLICABLE) WITH GALVANIZED STEEL ANGLES AND CHANNELS (MINIMUM 1-1/2" x 1-1/2" x 1/8" ANGLE). FASTEN ANGLE AT INTERMEDIATE SUPPORTS & FRAMES. SHEET METAL FASTENED TO ANGLE 6" O.C.
5. PROVIDE SHEET METAL DIVIDER WITHIN PLENUM WHERE SHOWN ON DRAWINGS. REFER TO DRAWINGS FOR DIMENSIONS/LOCATION OF SHEET METAL DIVIDER.
6. LOUVER OPENING OVERALL SIZE SHALL BE 1/4" GREATER THAN LOUVER SIZE ON ALL SIDES. CONTRACTOR SHALL COORDINATE & VERIFY EXACT WALL OPENING REQUIRED WITH MANUFACTURER OF ACTUAL EQUIPMENT SUPPLIED TO PROJECT PRIOR TO WALL OPENING ROUGH IN/CONSTRUCTION.
7. SEAL & CAULK AROUND LOUVER PERIMETER AT WALL AIR & WATER TIGHT.
8. SECURE LOUVERS WITH STAINLESS STEEL FASTENERS.
9. PROVIDE ALUMINUM BIRDSCREEN ON INSIDE OF LOUVER. ATTACH TO OUTSIDE IF BLADE SEPARATION IS GREATER THAN 2-1/2". BIRD SCREEN SHALL HAVE MINIMUM 80% FREE AREA OF TOTAL LOUVER AREA.
10. PROVIDE 100% CLEAR SILICONE TO SEAL LOUVER & BACKER ROD.

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MECHANICAL SCHEDULES

CITY OF OPELOUSAS

SOUTH CITY PARK CENTER

South City Park, 1524 Market St, Opelousas, LA 70570 St. Landry Parish

PROJECT ID: 20231117

db|ARCHITECTURE OF ACADIANA, LLC

TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

PARISH ENGINEERING
7600 Innovation Park Drive 225.332.0222
Baton Rouge, LA 70820 parisheng.com| #24-109

STATE OF LOUISIANA · GRANT L. PARISH · PROFESSIONAL ENGINEER · CIVIL · 01/17/2025

PROJECT NUMBER: 20231117

DATE: 01/17/2025

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PLUMBING GENERAL NOTES

1. ALL WORK BY CONTRACTORS SHALL CONFORM TO ALL APPLICABLE FEDERAL, STATE AND LOCAL BUILDING CODES, INCLUDING THE CURRENT INTERNATIONAL ENERGY CONSERVATION CODE.
2. MATERIALS FURNISHED UNDER THE CONTRACT SHALL BE NEW & SHALL BEAR THE UL LABEL WHERE APPLICABLE. UNLESS NOTED OTHERWISE, ALL WORK SHALL BE GUARANTEED AGAINST DEFECTIVE MATERIALS & WORKMANSHIP FOR A PERIOD OF NOT LESS THAN ONE YEAR AFTER COMPLETION & ACCEPTANCE BY THE OWNER, LONGER IF STATED OTHERWISE ELSEWHERE IN THE SPECIFICATION.
3. CONTRACTOR SHALL INSTALL SYSTEMS WITHOUT INTERFERENCE & PROVIDE MANUFACTURER'S RECOMMENDED AIR & SERVICE CLEARANCES. INSTALL ALL EQUIPMENT IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AS REQUIRED TO MAINTAIN WARRANTIES & GUARANTEES. CONTRACTOR SHALL COORDINATE WITH ALL TRADES & DISCIPLINES.
4. CONTRACTOR SHALL FIELD VERIFY EXACT LOCATION, INVERT/ DEPTH/ ELEVATIONS OF EXISTING SANITARY SEWER, DOMESTIC WATER, FIRE WATER, NATURAL GAS, STORM DRAINAGE, ETC. PRIOR TO ANY CONSTRUCTION. CONTRACTOR TO NOTIFY THE MECHANICAL ENGINEER & ARCHITECT FOR FURTHER DIRECTION IF EXISTING PIPING IS NOT AT AN ELEVATION/ INVERT/ DEPTH THAT ALLOWS FOR PROPER INSTALLATION & SLOPE OF NEW UTILITIES.
5. PRELIMINARY SEWER INVERT PIPE PLAN: CONTRACTOR SHALL PROVIDE DRAWING (NO LESS THAN 1/8"=1'-0" SCALE) SHOWING PROPOSED INVERTS OF ALL SUBSURFACE PIPING (SANITARY SEWER, STORM DRAINAGE, DOMESTIC WATER, FIRE WATER, CHILLED/HEATING WATER, ETC.) & EXACT LOCATION & SEWER INVERT OF SANITARY SEWER CONNECTION TO MECHANICAL ENGINEER & ARCHITECT FOR REVIEW & APPROVAL PRIOR TO INSTALLATION. NO ADDITIONAL COST WILL BE PROVIDED FOR REINSTALLING SUBSURFACE PIPING IF PRELIMINARY INVERT PIPING PLAN IS NOT PROVIDED.
6. COORDINATE ALL UNDERGROUND PIPING & WORK WITH EXISTING SYSTEMS, INCLUDING EXISTING UTILITIES, SEWER, GAS, DOMESTIC WATER, CHILLED/HEATING WATER, ELECTRIC DUCT BANKS AND POWER. NOT ALL EXISTING SYSTEMS SHOWN. COORDINATE ALL EXISTING SYSTEMS PRIOR TO BEGINNING WORK. MARKED UTILITIES AND EXISTING SYSTEMS DAMAGED BY THE CONTRACTOR SHALL BE REPLACED AND REPAIRED BACK TO ORIGINAL CONDITION BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONSTRUCTION CONTRACT.
7. PLUMBING CONTRACTOR SHALL COORDINATE WITH MECHANICAL CONTRACTOR ON LOCATION OF ALL FLOOR DRAINS & HUB DRAINS AS NOT TO INTERFERE WITH EQUIPMENT & EQUIPMENT PADS. COORDINATE NEW FLOOR DRAIN & HUB LOCATION WHERE EQUIPMENT DOES NOT ALLOW FOR THE INSTALLATION SHOWN FOR DRAIN. COORDINATE HEIGHT OF HUB DRAINS FOR FAN COIL UNITS & CEILING CASSETTES.
8. SEAL ALL OPENINGS AROUND PIPE PENETRATIONS THROUGH WALLS & PARTITIONS WITH APPROVED FIRESTOPPING MATERIAL MEETING ASTM E814 & NFPA-101. PROVIDE ESCUTCHEONS ON PIPING PENETRATING WALLS EXPOSED TO VIEW/WITHIN FINISHED AREAS.
9. CONTRACTOR SHALL VISIT THE SITE FOR INSPECTION REGARDING ANY WORK REQUIRED TO COMPLETE THE SCOPE OF WORK FOR THE PROJECT PRIOR TO BID. THERE SHALL BE NO ADDITIONAL COST TO THE OWNER FOR BIDDERS AWARDED THE WORK FOR FAILURE TO EXAMINE SITE PRIOR TO BID.
10. CONTRACTOR SHALL REVIEW THE CONTRACT DOCUMENTS AND VISIT THE SITE AND COORDINATE PIPE ROUTING & EQUIPMENT INSTALLATION. CONTRACTOR SHALL NOTIFY THE ARCHITECT AND ENGINEER WHERE DISCREPANCIES OCCUR BETWEEN CONTRACT DOCUMENTS AND EXISTING CONDITIONS.
11. CONTRACTOR SHALL REVIEW CEILING SPACE AND MECHANICAL ROOM SPACE AVAILABLE FOR PIPING AND EQUIPMENT AND MAKE REQUIRED ALLOWANCES FOR THE SIZE OF EQUIPMENT AND ROUTING OF PIPING. CONTRACTOR SHALL VERIFY EQUIPMENT TO BE SUPPLIED TO PROJECT CAN BE INSTALLED IN SPACE PROVIDED AND ALL SERVICE CLEARANCES MAINTAINED PRIOR TO ORDERING EQUIPMENT. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY MODIFICATIONS REQUIRED FOR EQUIPMENT THAT IS SUPPLIED THAT IS DIFFERENT THAN EQUIPMENT THAT IS BASIS OF DESIGN.
12. PIPING SHOWN DIAGRAMMATICALLY, ROUTE PIPING IN MOST DIRECT MANNER AVOIDING OBSTRUCTIONS NOT INDICATED. PROVIDE FITTINGS, OFFSETS, ETC. FOR ROUTING OF PIPING TO AVOID OBSTRUCTIONS & AS REQUIRED FOR A COMPLETE PLUMBING SYSTEM.
13. COORDINATE EXACT LOCATION OF ALL SLAB, FLOOR, WALL AND ROOF PENETRATIONS WITH EXISTING STRUCTURAL BEAMS, JOIST AND COMPONENTS. DO NOT CUT OR MODIFY EXISTING STRUCTURAL COMPONENTS WITHOUT APPROVAL FROM STRUCTURAL ENGINEER.
14. UNDER NO CIRCUMSTANCES SHALL EQUIPMENT AND RELATED SYSTEM COMPONENTS FOUND POSITIVE FOR MOLD, MILDEW, ASBESTOS, HARMFUL BACTERIA OR ANY OTHER CONTAMINATION BE PLACED INTO SERVICE.
15. MODEL NUMBERS SCHEDULED/SPECIFIED REPRESENT THE TYPE AND QUALITY OF EQUIPMENT REQUIRED TO MEET THE DESIGN REQUIREMENTS. CONTRACTOR SHALL REVIEW SUBMITTALS AND VERIFY EQUIPMENT SIZES, QUALITY AND PERFORMANCE REQUIREMENTS MEET SPECIFICATIONS PRIOR TO SUBMITTING FOR APPROVAL. EQUIPMENT THAT DIFFERS FROM BASIS OF DESIGN IS SUBJECT TO REJECTION. CONTRACTOR TO COORDINATE ALL DIFFERENCE IN EQUIPMENT WITH ELECTRICAL CONTRACTOR.
16. PROVIDE PERMANENT LABELS FOR ALL EQUIPMENT (WATER HEATERS, MIXING VALVES, PUMPS, EXPANSION TANKS, ETC.). LABELS SHALL BE MINIMUM 3/8" ENGRAVED BLACK LETTERS ON WHITE BACKGROUND, CONSTRUCTED OF MINIMUM 1" WIDE, LENGTH AS REQUIRED LAMINATED PLASTIC. SECURELY FASTENED TO EQUIPMENT WITH STAINLESS STEEL OR NONCORRODING HARDWARE. STICK ON LABELS NOT ACCEPTABLE.
17. SANITIZE & DISINFECT THE POTABLE WATER SYSTEM IN ACCORDANCE WITH INTERNATIONAL PLUMBING CODE (CURRENT ENFORCEABLE EDITION) & LOCAL BUILDING CODES. TEST SYSTEM FOR LEAKS.
18. PROVIDE VALVES WHERE INDICATED ON DRAWINGS & AS REQUIRED FOR PROPER OPERATION OF PIPING SYSTEM. PROVIDE ACCESS PANELS AS REQUIRED FOR ACCESS TO VALVES. PROVIDE SHUT OFF VALVES AT ALL HOSE BIBBS & ON COLD & HOT WATER BRANCHES TO ISOLATE THE BRANCH LINES.
19. PLUMBING FIXTURES SHALL BE INSTALLED PLUMB & LEVEL TO SUPPORTING SURFACES. PROVIDE WALL MOUNTED BACKING PLATES OR CARRIER ASSEMBLIES FOR WALL HUNG FIXTURES. INSTALL FIXTURES WITH TRAPS IN A MANNER WHERE TRAPS ARE EASILY REMOVED FOR SERVICE & CLEANING.
20. PROVIDE ALL PLUMBING FIXTURES WITH ACCESSIBLE STOPS, PROVIDE ALL EQUIPMENT WITH ACCESSIBLE SHUT OFF VALVES.
21. PROVIDE WALL MOUNTED FIXTURES (SINKS, WATER COOLERS, ETC.) WITH 2" WALL CLEAN OUT WITH CHROME PLATED COVER FOR CLEANING OUT SANITARY SEWER BRANCH WITHOUT REMOVAL OF FIXTURE. ALL WALL CLEANOUTS MAY NOT BE SHOWN FOR CLARITY OF DRAWINGS.
22. MAINTAIN 6" BETWEEN FLUSH VALVE, VACUUM BREAKER, CRITICAL LEVEL TAILPIECE & OVERFLOW RIM OF WATER CLOSETS.
23. PROVIDE SLEEVES FOR ALL PIPING THRU GRADE BEAMS AND/OR 1" CLOSED CELLULAR FOAM AS TO ISOLATE THE PIPING FROM THE CONCRETE IN EVENT BUILDING SETTLES.
24. PROVIDE PIPING SUPPORTS FROM BUILDING STRUCTURE AND/OR FRAMING IN APPROVED MANNER. PROVIDE ADDITIONAL FRAMING WHERE OVERHEAD CONSTRUCTION DOES NOT ALL FOR FASTENING OF SUPPORTS FOR PIPING & EQUIPMENT.
25. INSTALL ALL SUBSURFACE PRESSURIZED PIPING SYSTEMS (DOMESTIC WATER, FIRE WATER, NATURAL GAS, ETC.) MINIMUM 36" BELOW GRADE. NOTIFY MECHANICAL ENGINEER & ARCHITECT IF EXISTING TIE-IN LOCATIONS DO NOT ALLOW. PROVIDE CODE COMPLIANT DEPTH OF COVER FOR ALL SUBSURFACE PIPING OUTSIDE OF BUILDING.
26. SMOKE TEST ALL SANITARY SEWER & VENT PIPING PRIOR TO CLOSURE OF WALLS.
27. PLUG OR CAP ALL PIPING. PIPING SHALL NOT BE LEFT OPEN ENDED (INCLUDING WHEN STORED ON SITE & DURING CONSTRUCTION).
28. GRADE SENSITIVE PIPING (SANITARY SEWER, VENT, STORM DRAINAGE, ETC.) SHALL TAKE PRECEDENCE OVER ALL OTHER INSTALLATIONS. COORDINATE WITH ALL DISCIPLINES PRIOR TO & DURING CONSTRUCTION.
29. COORDINATE PIPE PENETRATIONS WITH ELECTRICAL & MECHANICAL CONTRACTOR.
30. PROVIDE FLASHING & COUNTER-FLASHING AS REQUIRED TO MAINTAIN THE WATERPROOFING INTEGRITY OF THE BUILDING AS REQUIRED FOR THE INSTALLATION OF PIPES, CONDUIT, EQUIPMENT, ETC.
31. PROVIDE WRITTEN GUARANTEE TO REPLACE, PROMPTLY REPAIR & ASSUME RESPONSIBILITY FOR ALL EXPENSES INCURRED FOR ANY WORKMANSHIP & EQUIPMENT DEFECTS DEVELOPED WITHIN 1 YEAR FROM DATE OF ACTUAL USE OF EQUIPMENT OR OCCUPANCY OF SPACES BY OWNER (WHICHEVER DATE IS EARLIER). ASSUME RESPONSIBILITY FOR ALL EXPENSES INCURRED FOR REPAIR & REPLACEMENT FOR OTHER TRADES WHERE CAUSED BY DEFECTS.
32. CONTRACTOR TO INCLUDE IN BID PROVIDING A COMPLETE SET OF COORDINATION DRAWINGS FOR ALL PIPING & PARTICIPATE WITH OTHER SUBS FOR PROVIDING COORDINATION DRAWINGS & INCLUDE ALL ABOVE CEILING DISCIPLINES ON FLOOR PLANS AT SCALE SIMILAR TO BID DOCUMENTS.
33. PROVIDE ALL LABOR, MATERIAL & APPLIANCES AS REQUIRED FOR THE INSTALLATION & TESTING OF THE SYSTEM & INCLUDE ALL COST FOR LICENSES, PERMITS, CERTIFICATE FILING & INSPECTIONS REQUIRED BY AUTHORITIES HAVING JURISDICTION.
34. PROVIDE CLEANOUTS WHERE SHOWN ON DRAWINGS & WHERE SPECIFIED BELOW:
    - 34.1. PROVIDE 2-WAY EXTERIOR CLEANOUTS AT ALL SEWER LINES EXITING FROM UNDER THE BUILDING SLAB.
    - 34.2. PROVIDE CLEANOUT AT BASE OF RISER WITH ACCESS DOORS FOR SANITARY SEWER & STORM DRAINAGE RISER FROM SECOND FLOOR LEVEL AND ABOVE.
    - 34.3. PROVIDE CLEANOUTS AT CHANGES IN DIRECTIONS GREATER THAN 45°.
    - 34.4. PROVIDE CLEANOUTS EVERY 75 FEET FOR 4" & 6" PIPING.
    - 34.5. PROVIDE CLEANOUTS EVERY 50 FEET FOR 3" & UNDER PIPING.
    - 34.6. PROVIDE 6" CLEANOUTS ON PIPING 6" & LARGER.
    - 34.7. PROVIDE CLEANOUT MATCHING PIPE SIZES FOR PIPING 4" & UNDER.
35. CONTRACTOR SHALL CLEAN ALL CONCRETE, DIRT & DEBRIS ON ALL EXTERIOR VALVE COVERS, EXTERIOR CLEANOUTS & MANHOLE COVERS AT PROJECT COMPLETION & APPLY TWO-PART BLACK EPOXY COATING THAT SHALL DRY TO HARD FINISH. APPLY COATING PRIOR TO INSTALLATION OF EXTERNAL SEALS.
36. PROVIDE REDUCED PRESSURE ZONE BACKFLOW PREVENTER ON COLD WATER LINES SERVING ICE MAKERS & HUMIDIFIERS. ROUTE DRAIN FROM BFP TO DRAIN SERVING ASSOCIATED EQUIPMENT UNLESS INDICATED OTHERWISE.
37. PROVIDE DIELECTRIC FITTING WHERE DISSIMILAR METALS ARE CONNECTED.
38. PROVIDE HANDICAP/ADA WATER CLOSETS WITH FLUSH VALVE HANDLES OR FLUSH LEVER (FOR TANK TYPE WATER CLOSETS) POINTING TOWARDS "OPEN" SIDE OF WATER CLOSET STALL AS REQUIRED FOR ADA COMPLIANCE.
39. DO NOT ROUTE PIPING CONTAINING WATER OVER ELECTRIC EQUIPMENT.
40. PROVIDE ACCESS PANELS FOR EQUIPMENT, VALVES, ETC. WHERE LOCATED ABOVE NON ACCESSIBLE CEILING. ACCESS PANELS SHALL BE LARGE ENOUGH FOR REQUIRED ADJUSTMENT & MAINTENANCE. COORDINATE COLOR & LOCATION WITH ARCHITECT. PROVIDE FIRE AND/OR SMOKE RATED ACCESS PANELS WHERE REQUIRED IN RATED CEILINGS. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN & DRAWINGS FOR RATED CEILING LOCATIONS.
41. ALL TRAPS SUBJECT TO EVAPORATION (FLOOR DRAINS, HUB DRAINS, ETC.) SHALL BE PROVIDED WITH A TRAP PRIMER.
42. PROVIDE WATER HAMMER ARRESTORS IN ACCORDANCE WITH PDI WH201 & ASSE 1010 COMPLAINT.
43. PROVIDE ALL POTABLE WATER SYSTEMS WITH LEAD FREE PIPING, SOLDER & FLUX.
44. COORDINATE ROUGH IN LOCATIONS WITH APPROVED TOILET PARTITION SHOP DRAWINGS & ARCHITECTURAL ELEVATION DRAWINGS.
45. ALL AUTOMATIC TRAP PRIMERS SHALL BE ASSE 1018 COMPLIANT.
46. MANHOLE REQUIREMENTS:
    - 46.1. ALL MANHOLES SHALL BE PRECAST CONCRETE TYPE CONFORMING TO ASTM C478/C478M.
    - 46.2. ALL MANHOLE RUBBER GASKETS FOR CONCRETE PIPE AND MANHOLES SHALL CONFORM TO ASTM C443/C443M.
    - 46.3. ALL MANHOLE TOPS FRAMES & COVERS SHALL CONFORM TO ASTM A48.
    - 46.4. SEWER MANHOLES BASE SHALL BE CONCRETE POURED ON STABILIZED SOIL OR AGGREGATE SUBBASE WITH INSIDE SURFACES SLOPED A MINIMUM OF 2 INCHES PER FOOT TO THE PIPE FLOW CHANNEL. ALL PIPE CONNECTIONS AND JOINTS SHALL BE SEALED WITH APPROVED WATERSTOP OR GASKET MATERIALS AND GROUTED. MANHOLE TOP FRAMES AND COVERS SHALL BE CLASS 30 GRAY CAST IRON CONFORMING TO ASTM A48/A48M, MACHINED FOR PROPER FIT OF COVERS IN FRAME, COATED WITH COAL-TAR PITCH VARNISH AND NOT LESS THAN 93 PERCENT OF THE SPECIFIED WEIGHT FOR EACH CASTING. COVERS SHALL HAVE THE WORD "SEWER" CAST IN LARGE LETTERS. SIMILAR, SEALED COVERS WITH GASKETS AND CAP SCREWS OR BOLTS SHALL BE USED WHERE SUBJECT TO FLOODING.
47. WATER HEATERS SHALL HAVE THE FOLLOWING REQUIRED SAFETY DEVICES: TEMPERATURE & PRESSURE RELIEF VALVE, ASSE 1017 COMPLAINT THERMOSTATIC MIXING VALVE, INTERNAL CUTOFF DEVICE TO CUT ENERGY SOURCE TO WATER HEATER & ANSI Z21.22 COMPLIANT VACUUM BREAKER INSTALLED ON COLD WATER LINE TO WATER HEATER (ANTI-SIPHON DEVICE).
48. PROVIDE ALL SUMP PUMPS WITH CHECK VALVE & GATE VALVE INSTALLED ON THE DISCHARGE OF THE SUMP PUMP.
49. PROVIDE MILDEW-RESISTANT WHITE SILICONE SEALANT BEAD AROUND BASE OF ALL FIXTURES.
50. PROVIDE 1" THICK CONTINUOUS INSULATION ON ALL PIPING PENETRATING THE ROOF. INSULATION SHALL BE FROM UNDERSIDE OF ROOF DECK, ALONG ALL LATERALS & TO 6" BELOW LAST ABOVE CEILING ELBOW JOINT.
51. PROVIDE HIGH & LOW BRACING FROM STRUCTURE ON PIPING PENETRATING THROUGH THE ROOF TO PREVENT MOVEMENT THAT WOULD AFFECT WATERPROOFING OF ROOF FLASHING.
52. PROVIDE SUPPORTS FOR ROOF MOUNTED HORIZONTAL PIPING WITH SPACING & IN A MANNER ENDORSED BOTH BY PIPE MANUFACTURER & ROOF MANUFACTURER. SUPPORTS SHALL BE DESIGNED FOR UNBINDING SURFACE OR WITH NON-CORRODING ROLLERS TO ALLOW FOR THERMAL MOVEMENT OF PIPING WITHOUT AFFECTING THE ROOFING SYSTEM.
53. PROVIDE & COORDINATE PROVISIONS FOR PIPE PROTECTION BENEATH HANDICAP LAVATORIES WHERE REQUIRED BY APPLICABLE CODES & WHERE INDICATED WITHIN TOILET ACCESSORIES.
54. PROVIDE SLEEVES SIZED FOR PASSAGE OF PIPING, FULL INSULATION THICKNESS & INSTALLATION OF FIRE-STOP AND/OR SEALANT ON ALL DOMESTIC WATER, SANITARY VENT, FIRE WATER & NATURAL GAS PIPING PENETRATING THROUGH WALLS.
55. GENERAL CONTRACTOR SHALL PAINT ALL PLUMBING PENETRATIONS (VENTS, FLASHING, ETC.) THROUGH ROOF. COORDINATE WITH ARCHITECT FOR COLOR.
56. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PAINTING, CUTTING & PATCHING OF EXISTING FLOORS, WALLS & PARTITIONS IN EXISTING BUILDING & FOR RESTORING AREA TO ORIGINAL CONDITION THAT IS ACCEPTABLE TO ARCHITECT.
57. OWNER SHALL HAVE FIRST RIGHT OF REFUSAL & UPON REFUSAL FOR ALL EXISTING MATERIAL & EQUIPMENT REMOVED UNDER THE CONTRACT SHALL BE HAULED OFF SITE AS DEBRIS.
58. CONTRACTOR SHALL COORDINATE & PLAN INSTALLATION OF NEW WORK & CONNECTIONS TO EXISTING UTILITIES IN A MANNER TO MINIMIZE SHUTDOWN. CONTRACTOR SHALL COORDINATE WITH OWNER ON ANY SHUTDOWN REQUIRED THAT AFFECTS EXISTING OCCUPIED PORTIONS OF THE BUILDING AND/OR ANY SURROUNDING EXISTING FACILITIES.

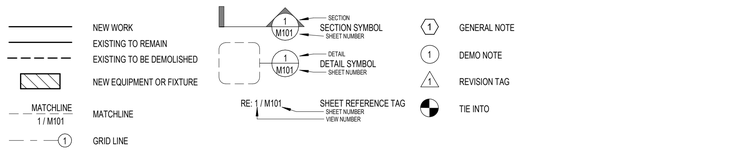
NATURAL GAS GENERAL NOTES

1. NATURAL GAS PIPING & EQUIPMENT SHALL COMPLY WITH REQUIREMENTS OF INTERNATIONAL GAS CODE & INTERNATIONAL PLUMBING CODE (CURRENT ENFORCEABLE EDITIONS).
2. ABOVE GRADE, EXTERIOR NATURAL GAS PIPING SHALL BE COVERED WITH 2 COATS OF WATERPROOF ASPHALTIC COATING (OR EQUAL) FOR PIPE CORROSION PREVENTION. PAINT EXPOSED EXTERIOR NATURAL GAS PIPING GRAY.
3. UNDERGROUND PLASTIC PIPING SHALL BE INSTALLED WITH SUFFICIENT CLEARANCE FORM ANY HEAT SOURCE. UNDERGROUND NATURAL GAS PIPING SHALL BE INSTALLED TO ALLOW FOR PROPER MAINTENANCE & PROTECTION FROM DAMAGE FROM PROXIMITY TO OTHER STRUCTURES.
4. PROVIDE INSULATED COPPER TRACER WIRE OR OTHER APPROVED CONDUCTOR ADJACENT TO UNDERGROUND NONMETALLIC/PLASTIC PIPING. TRACER WIRE SHALL TERMINATE ABOVE GROUND AT EACH EACH OF NONMETALLIC NATURAL GAS PIPING . TRACER WIRE SHALL BE MINIMUM 14 AWG & SUITABLE FOR BURY. PROVIDE BRIGHTLY COLORED, METALLIC CORE, NON-DETERIORATING, MINIMUM 2" WIDE, ID RIBBON TAPE SET 12" ABOVE TOP OF PIPE OR 24" BELOW FINISHED GRADE (SHALLOWER OF THE TWO) FOR ALL NON-CONDUCTIVE PIPE.
5. PROVIDE ANODELESS GAS RISER AT WHERE NATURAL GAS PIPING IS ROUTED FROM UNDERGROUND TO ABOVE GRADE.
6. COORDINATE EXACT EXACT LOCATION, PRESSURE REQUIREMENTS & NATURAL GAS DEMAND FOR ALL NATURAL EQUIPMENT TO BE SUPPLIED TO PROJECT & EXACT LOCATION. COORDINATE LOCATION OF NATURAL GAS INLET WITH EQUIPMENT & NATURAL GAS PIPING & PIPING SPECIALTIES (VALVES, FLEXIBLE CONNECTION/HOSE, ETC.) WITH EQUIPMENT MANUFACTURER.
7. PROVIDE UNIONS ON BOTH SIDES OF NATURAL GAS REGULATOR WITHIN 1 FOOT OF REGULATOR.
8. NATURAL GAS REGULATORS (THAT VENT) & METERS SHALL BE INSTALLED WITH THE FOLLOWING MINIMUM DISTANCES:
    - 8.1. 16' FROM EXTERIOR DOOR OR OPERABLE WINDOW
    - 8.2. 3' FROM SOURCE OF IGNITION (ELECTRIC METERS, ELECTRIC BOX, AC UNIT, CHILLER, ETC.)
    - 8.3. SHALL NOT BE INSTALLED BELOW WINDOW
    - 8.4. 10' FROM ANY MECHANICAL AIR INLETS
9. NATURAL GAS REGULATORS & METERS SHALL BE INSTALLED IN A MANNER TO PREVENT DAMAGE BY VEHICLES & MECHANICAL EQUIPMENT. PROVIDE BOLLARDS AROUND NATURAL GAS ASSEMBLY IN AREAS WHERE DAMAGE MAY OCCUR. COORDINATE NATURAL GAS ASSEMBLY LOCATION WITH LOCAL NATURAL GAS COMPANY PROVIDER & PIPE BOLLARD LOCATION (WHERE REQUIRED) WITH ARCHITECT & MECHANICAL ENGINEER PRIOR TO INSTALLATION.

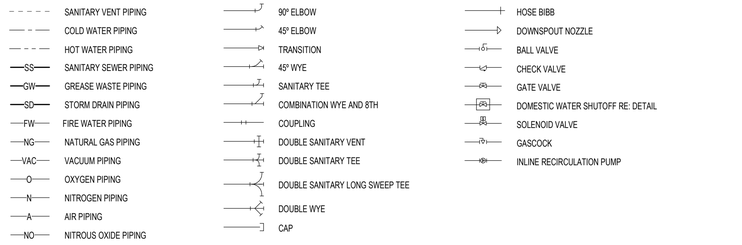
PLUMBING SYMBOL LEGEND

(REFER TO DRAWINGS AND SPECIFICATIONS FOR FURTHER REQUIREMENTS)

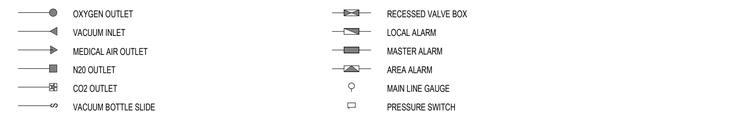
GENERAL



PIPING



MEDICAL GAS



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ABBREVIATION LEGEND

AC	AIR CONDITIONING
ACCU	AIR COOLED CONDENSING UNIT
AFF	ABOVE FINISHED FLOOR
AFS	AIR FLOW STATION
AHU	AIR HANDLING UNIT
AMB	AMBIENT
AS	AIR SEPARATOR
AV	AIR VENT
BAS	BUILDING AUTOMATION SYSTEM
BDD	BACKDRAFT DAMPER
BFP	BACKFLOW PREVENTER
BOD	BOTTOM OF DUCT
BTUH	BRITISH THERMAL UNIT PER HOUR
CC	COOLING COIL
CFH	CUBIC FEET PER HOUR
CFM	CUBIC FEET PER MINUTE
CH	CHILLER
CHWCF	CHILLED WATER CHEMICAL FEED
CHP	CHILLED WATER PUMP
CHR	CHILLED WATER RETURN
CHS	CHILLED WATER SUPPLY
COMP	COMPRESSOR
CP	CIRCULATING PUMP
CU	CONDENSING UNIT
CT	COOLING TOWER
CV	CONTROL VALVE
CW	COLD WATER
CWCF	CONDENSER WATER CHEMICAL FEED
CWR	CONDENSER WATER RETURN
CWP	CONDENSER WATER PUMP
CWS	CONDENSER WATER SUPPLY
DB	DRY BULB TEMP (DEG F)
DDC	DIRECT DIGITAL CONTROL
DN	DOWN
DP	DIFFERENTIAL PRESSURE
DPS	DIFFERENTIAL PRESSURE SWITCH
DWG	DRAWING
DX	DIRECT EXPANSION
EA	EXHAUST AIR
EDH	ELECTRIC DUCT HEATER
EER	ENERGY EFFICIENCY RATIO
EF	EXHAUST FAN
EL	ELEVATION
ELEC	ELECTRICAL
ENT	ENTERING
ECU	ELECTRIC CONDENSING UNIT
ERU	ELECTRIC REFRIGERANT UNIT
ESP	EXTERNAL STATIC PRESSURE
ET	EXPANSION TANK
EUH	ELECTRIC UNIT HEATER
EVAP	EVAPORATOR
EX	EXHAUST
EXT	EXTERNAL
FA	FRESH AIR
FC/FCU	FAN COIL UNIT
FD	FIRE DAMPER CC
FT	FEET
FLA	FULL LOAD AMPS
FPM	FEET PER MINUTE
FV	FACE VELOCITY
GALV	GALVANIZED
GPM	GALLONS PER MINUTE
GPH	GALLONS PER HOUR
GUH	GAS UNIT HEATER
HC	HEATING COIL
HP	HORSEPOWER
HR	HOUR
HWS	HEATING WATER SUPPLY
HWR	HEATING WATER RETURN
ID	INSIDE DIAMETER
IN	INCHES
KW	KILOWATTS
LVG	LEAVING
MA	MIXED AIR
MAX	MAXIMUM
MD	MOTORIZED DAMPER
MECH	MECHANICAL
NG	NATURAL GAS
MIN	MINIMUM
MVD	MANUAL VOLUME DAMPER
NC	NORMALLY CLOSED
NFPA	NATIONAL FIRE PROTECTION ASSOC.
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
NOM	NOMINAL
NTS	NOT TO SCALE
OA	OUTSIDE AIR
OAF	OUTSIDE AIR FAN
OAU	OUTSIDE AIR UNITS
OS&Y	OUTSIDE STEM AND YOKE
OZ	OUNCES (PRESSURE)
PD	PRESSURE DROP
PTAC	PACKAGED TERMINAL AIR CONDITIONER
PSI	POUNDS PER SQUARE INCH
RA	RETURN AIR
REF	REFERENCE
RH	RELATIVE HUMIDITY
RHC	REHEAT COIL
RND	ROUND
RPM	REVOLUTIONS PER MINUTE
RTU	ROOF TOP UNIT
SA	SUPPLY AIR
SD	SMOKE DAMPER
SEER	SEASONAL ENERGY EFFICIENCY RATIO
SF	SUPPLY AIR FAN
SP	STATIC PRESSURE
SPEC	SPECIFICATIONS
TEMP	TEMPERATURE
TOD	TOP OF DUCT
TSP	TOTAL STATIC PRESSURE
TYP	TYPICAL
UG	UNDERGROUND
UL	UNDERWRITERS LISTED
VAV	VARIABLE AIR VOLUME
VFD	VARIABLE FREQUENCY DRIVE
W /	WITH
W / O	WITHOUT
WB	WET BULB (DEG F)

100% CONSTRUCTION DOCUMENTS

PLUMBING COVER SHEET

CITY OF OPELOUSAS

SOUTH CITY PARK CENTER

South City Park, 1524 Market St, Opelousas, LA 70570 St. Landry Parish

PROJECT ID: 20231117

db | ARCHITECTURE OF ACADIANA, LLC

TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

PARISH ENGINEERING

7600 Innovation Park Drive Baton Rouge, LA 70820 225.332.0222 parisheng.com| #24-109

STATE OF LOUISIANA · GRANT K. PARISH · PROFESSIONAL ENGINEER · CIVIL · 01/17/2025

PROJECT NUMBER: **20231117**

DATE: 01/17/2025

P001

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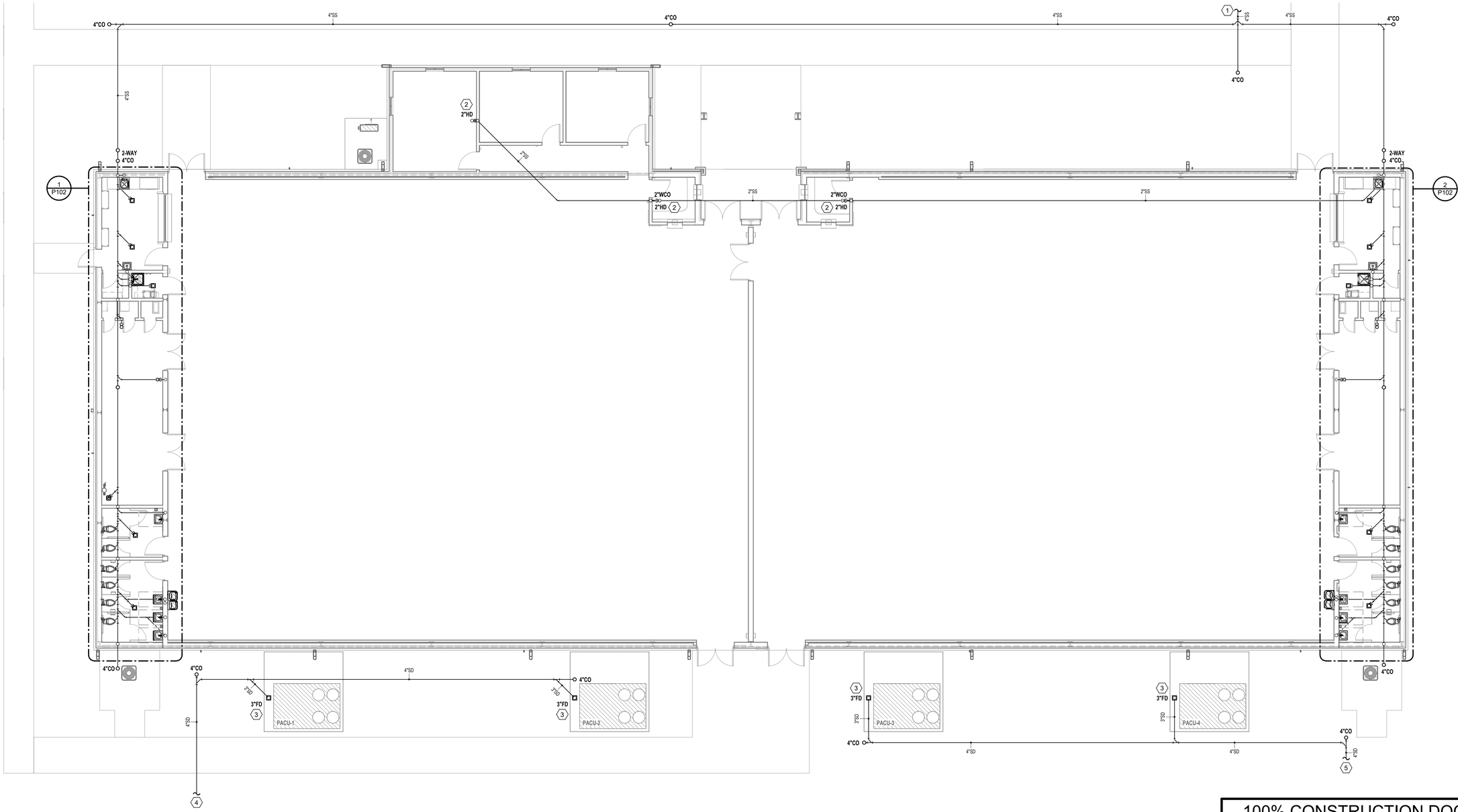

1 PLUMBING PLAN - SANITARY SEWER

1/8" = 1'-0"

PLUMBING KEY NOTES

1. REFER TO CIVIL ENGINEERING SITE UTILITY DRAWINGS FOR CONTINUATION TO NEW MANHOLE. COORDINATE EXACT LOCATION, SIZE, AND INVERT OF SANITARY SEWER TIE IN PRIOR TO BIDDING. INVERT AT APPROXIMATELY -5.89' BELOW FINISHED FLOOR (INVERT = +62.11').
2. 2" HUB DRAIN WITH FUNNEL ABOVE CEILING FOR MECHANICAL EQUIPMENT CONDENSATE. COORDINATE EXACT LOCATION WITH THE MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN. INSULATE HUB DRAIN TRAP AND HORIZONTAL DRAIN LINE BACK TO VERTICAL PIPE DROP. PROVIDE HUB DRAIN WITH TRAP GUARD (PROVENT SYSTEMS #TG25FHD OR EQUAL). RE: DETAIL.
3. PROVIDE FLOOR DRAIN IN CONCRETE HOUSEKEEPING PAD AS SHOWN FOR HVAC EQUIPMENT CONDENSATE REMOVAL. COORDIANTE EXACT LOCATION WITH THE MECHANICAL CONTRACTOR AND ARCHITECT PRIOR TO CONSTRUCTION.
4. ROUTE 4" STORM DRAIN PIPING FROM MECHANICAL EQUIPMENT CONDENSATE FLOOR DRAINS AS SHOWN TO STORM DRAIN CATCH BASIN #1 (INV=64.0') APPROXIMATELY 70' AWAY OR NEARBY STORM DRAIN PIPING AS APPROVED BY CIVIL ENGINEER. COORDINATE EXACT ROUTING, INVERT, AND TIE-IN LOCATION WITH CIVIL ENGINEERING DRAWINGS PRIOR TO CONSTRUCTION.
5. ROUTE 4" STORM DRAIN PIPING FROM MECHANICAL EQUIPMENT CONDENSATE FLOOR DRAINS AS SHOWN TO STORM DRAIN CATCH BASIN #2 (INV=63.5') APPROXIMATELY 70' AWAY OR NEARBY STORM DRAIN PIPING AS APPROVED BY CIVIL ENGINEER. COORDINATE EXACT ROUTING, INVERT, AND TIE-IN LOCATION WITH CIVIL ENGINEERING DRAWINGS PRIOR TO CONSTRUCTION.

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PLUMBING PLAN - SANITARY SEWER

CITY OF OPELOUSAS

SOUTH CITY PARK CENTER

South City Park, 1524 Market St, Opelousas, LA 70570 St. Landry Parish

PROJECT ID: 20231117

db | ARCHITECTURE OF ACADIANA, LLC

TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

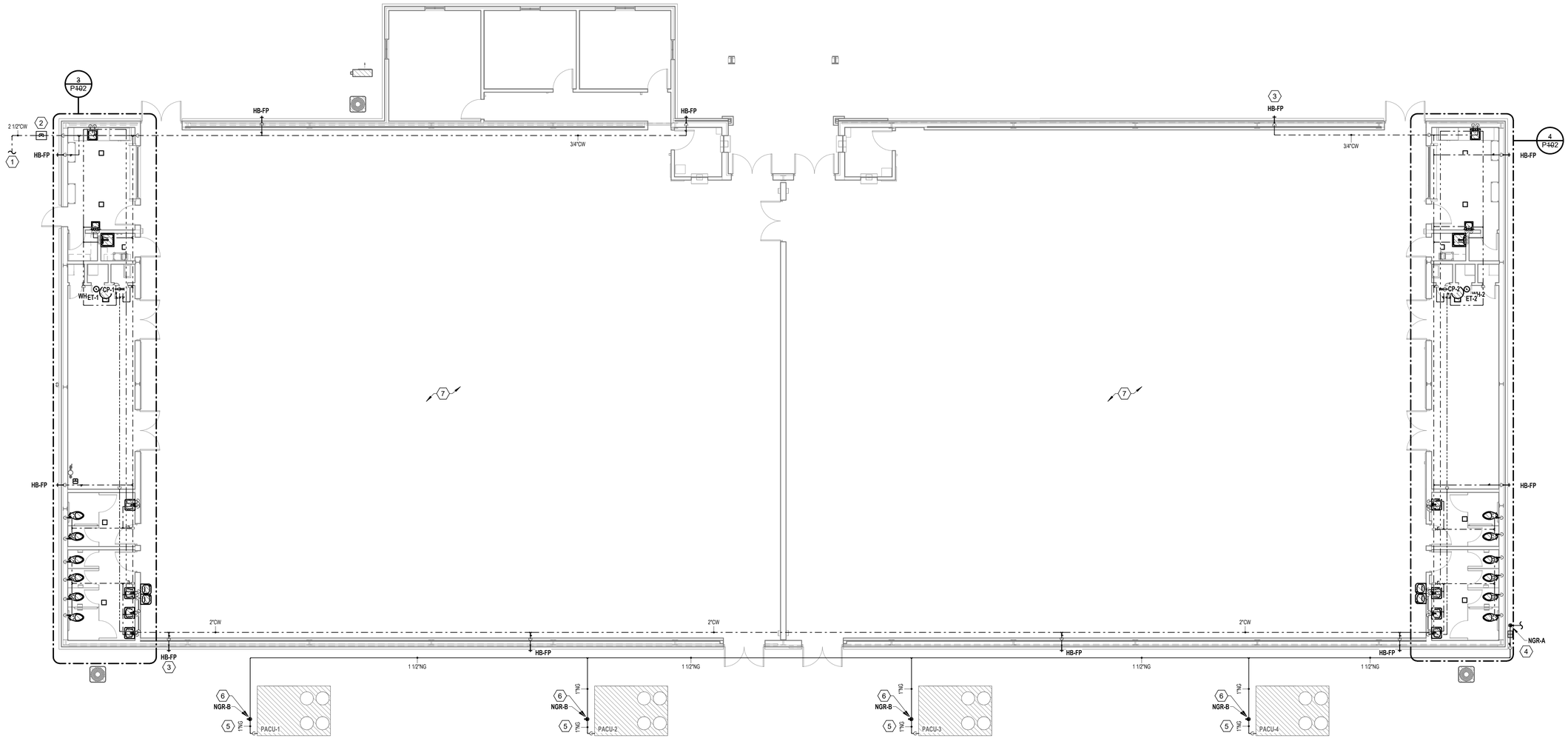
PARISH ENGINEERING
7600 Innovation Park Drive
Baton Rouge, LA 70820
225.332.0222
parisheng.com| #24-109

STATE OF LOUISIANA
GRANT L. MATTE
LICENSED PROFESSIONAL ENGINEER
CIVIL ENGINEERING
01/17/2025

PROJECT NUMBER: 20231117

DATE: 01/17/2025

P100



1 PLUMBING PLAN - DOMESTIC WATER & NATURAL GAS

1/8" = 1'-0"

PLUMBING KEY NOTES

1. REFER TO CIVIL ENGINEERING SITE UTILITY DRAWINGS FOR CONTINUATION TO BFP. PROVIDE REDUCED PRESSURE ZONE BACKFLOW PREVENTER, LEAD FREE, UNION CONNECTIONS WITH QUARTER TURN VALVES; WATTS MODEL LF1009-QT OR APPROVED EQUAL. PROVIDE FREEZE PROTECTIVE ENCLOSURE SIZED TO ACCOMMODATE BOTH THE DOMESTIC AND FIRE WATER BACKFLOW PREVENTERS (COORDINATE WITH SPRINKLER CONTRACTOR). ENCLOSURE SHALL BE ALUMINUM WITH 1.5" INTERNAL FOAM INSULATION AND SLAB MOUNTED, 2000W (120/1/60) HEATING SYSTEM AS MANUFACTURED BY SAFE-T-COVER, AQUASHIELD, WATTS, OR PRIOR APPROVED EQUAL COORDINATE EXACT LOCATION WITH CIVIL ENGINEERING DRAWINGS AND POWER REQUIREMENTS WITH THE ELECTRICAL CONTRACTOR PRIOR TO CONSTRUCTION.
2. UNDERGROUND DOMESTIC WATER SHUT OFF VALVE IN CAST IRON VALVE BOX MARKED "WATER".
3. COORDINATE EXACT LOCATION OF HOSE BIBB WITH THE GENERAL CONTRACTOR AND OWNER PRIOR TO CONSTRUCTION. PROVIDE HOSE BIBB WITH ACCESSIBLE SHUT OFF VALVE (ACCESS PANEL AT WALL ACCEPTABLE). TYPICAL.
4. NEW NATURAL GAS METER AND REGULATOR SIZED DOWN FROM CITY PRESSURE TO 2 PSI. SIZED TO HANDLE MINIMUM 1040 CFH. VERIFY EXACT NATURAL GAS REQUIREMENTS (FLOW RATES AND PRESSURE REQUIRED FOR EQUIPMENT). COORDINATE EXACT LOCATION WITH LOCAL GAS UTILITY COMPANY IN FIELD INCLUDE ALL COSTS (FEES, PERMITS, METER, INSTALLATION, ETC.) IN BID.
5. NATURAL GAS CONNECTION TO GAS FIRED EQUIPMENT. PROVIDE REGULATOR, GAS COCK, DRIP LEG, AND COUPLING/FITTING AS REQUIRED FOR CONNECTION TO EQUIPMENT. COORDINATE EXACT LOCATION, SIZE, AND CONNECTION TYPE WITH THE MECHANICAL CONTRACTOR AND THE APPROVED EQUIPMENT SUBMITTALS PRIOR TO CONSTRUCTION. NG REGULATOR SHALL BE SIZED DOWN TO 7-1\1" in-wg AND SIZED TO ACCOMMODATE INPUT CFH OF EQUIPMENT (VERIFY WITH ACTUAL EQUIPMENT TO BE PROVIDED TO PROJECT). TYPICAL FOR ALL NATURAL GAS EQUIPMENT CONNECTIONS.
6. PE NATURAL GAS PIPING (WITH WARNING TAPE AND COPPER TRACER WIRE) UP FROM BELOW GRADE WITH ANODELESS RISER TO EQUIPMENT. COORDINATE EXACT NG CONNECTION LOCATION OF EQUIPMENT WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH IN. TYPICAL.
7. ROUTE ALL EXPOSED PIPING AS HIGH AS POSSIBLE, TIGHT TO BOTTOM OF STRUCTURE ABOVE. PROVIDE WITH 1/2" INSULATION WITH FACTORY APPLIED JACKET SUITABLE FOR PAINTING. COORDINATE WITH GENERAL CONTRACTOR AND ARCHITECT PRIOR TO CONSTRUCTION FOR EXACT INSTALLATION HEIGHT, ROUTING AND COLOR. TYPICAL.

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PLUMBING PLAN - DOMESTIC WATER & NAT. GAS

CITY OF OPELOUSAS

SOUTH CITY PARK CENTER

South City Park, 1524 Market St, Opelousas, LA 70570 St. Landry Parish

PROJECT ID: 20231117

dbARCHITECTURE OF ACADIANA, LLC

TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

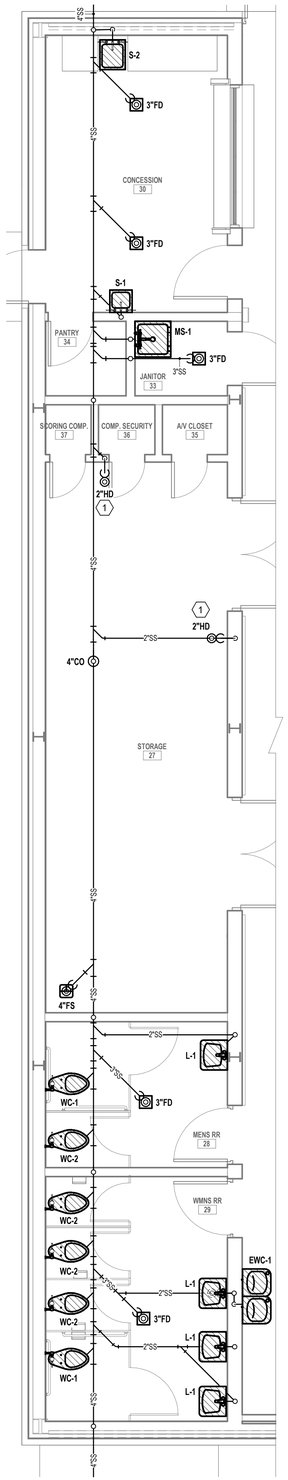
PARISH ENGINEERING
7600 Innovation Park Drive 225.332.0222
Baton Rouge, LA 70820 parisheng.com| #24-109

STATE OF LOUISIANA GRANT C. PARISH LICENSED PROFESSIONAL ENGINEER MECHANICAL ENGINEER
01/17/2025

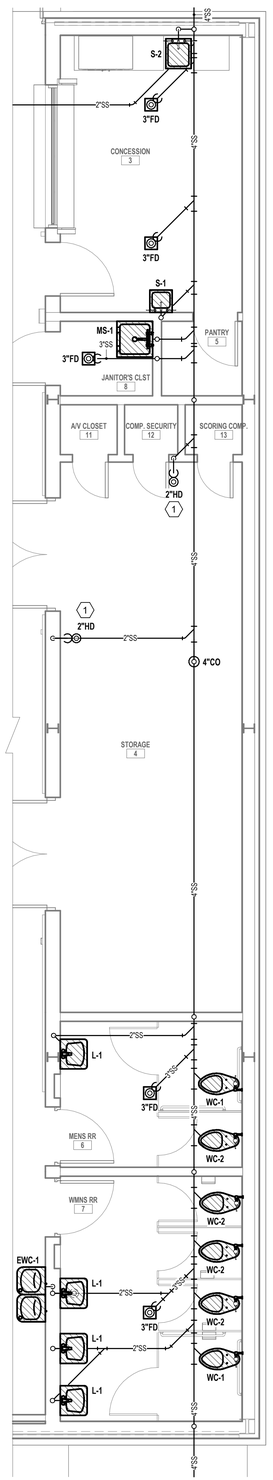
PROJECT NUMBER: 20231117

DATE: 01/17/2025

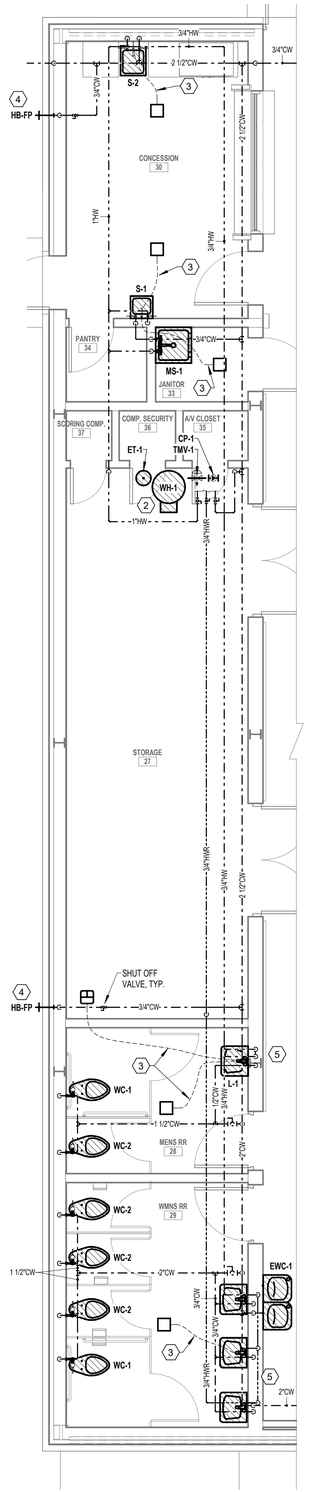
P101



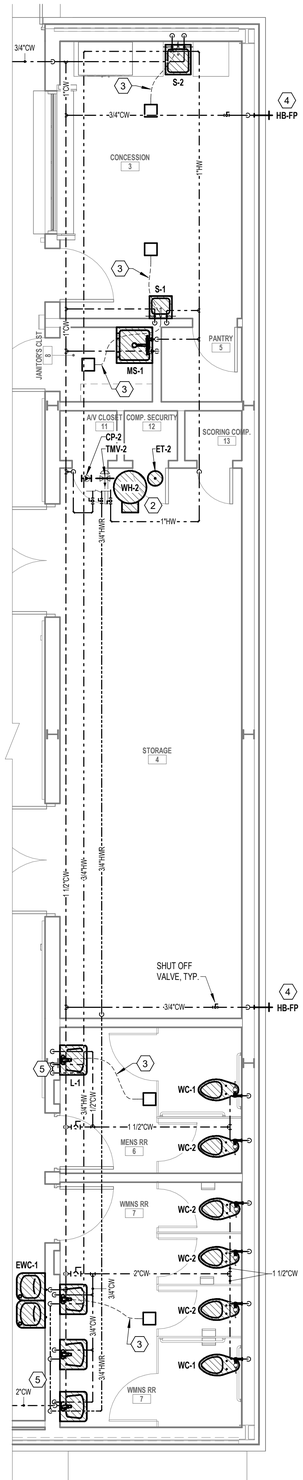
1 PLUMBING PLAN - ENL SS - SPICE CENTER BOH
1/4" = 1'-0"



2 PLUMBING PLAN - ENL SS - ZYDECO CENTER BOH
1/4" = 1'-0"



3 PLUMBING PLAN - ENL DW - SPICE CENTER BOH
1/4" = 1'-0"



4 PLUMBING PLAN - ENL DW - ZYDECO CENTER BOH
1/4" = 1'-0"

PLUMBING KEY NOTES

1. 2" HUB DRAIN WITH FUNNEL STUBBED INTO ATTIC SPACE ABOVE FOR EQUIPMENT CONDENSATE. COORDINATE EXACT LOCATION WITH THE MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN. INSULATE HUB DRAIN TRAP AND HORIZONTAL DRAIN LINE BACK TO VERTICAL PIPE DROP. PROVIDE HUB DRAIN WITH TRAP GUARD (PROVENT SYSTEMS #TG23FHD OR EQUAL). RE: DETAIL.
2. ELECTRIC TANK TYPE WATER HEATER IN ATTIC SPACE ABOVE. ROUTE T&P RELIEF AND AUXILIARY DRAIN PAN DRAIN LINE TO HUB DRAIN AND TURN DOWN WITH AIR GAP. PROVIDE SHUT OFF VALVES ON ALL WATER LINES TO AND FROM WATER HEATER. PROVIDE THERMOSTATIC MIXING VALVE, THERMAL EXPANSION TANK, AND CIRCULATING PUMP AS SHOWN. PROVIDE UNISTRUT FRAMING SECURED TO STRUCTURAL WALL FRAMING AS REQUIRED TO PROPERLY SUPPORT MIXING VALVE, EXPANSION TANK, CIRCULATING PUMP, AND ASSOCIATED PIPING. RE: SCHEDULES & DETAILS.
3. 1/2" GRAVITY TRAP PRIMER LINE FROM LAVATORY / SINK. ROUTE 1/2" LINE CONCEALED IN WALL AND BELOW GRADE TO FLOOR DRAIN. RE: DETAIL.
4. COORDINATE EXACT LOCATION OF HOSE BIBB WITH THE GENERAL CONTRACTOR AND OWNER PRIOR TO CONSTRUCTION. PROVIDE HOSE BIBB WITH ACCESSIBLE SHUT OFF VALVE (ACCESS THROUGH WALL ACCEPTABLE). TYPICAL.
5. ROUTE FULL SIZE HOT WATER LOOP DOWN INSIDE WALL AT LAVATORY LOCATIONS AS SHOWN, WITHIN 2'-0" OF HOT WATER CONNECTION TO LAVATORY PER IECC 2021. CONTRACT HAS OPTION TO PROVIDE SUB HW LOOP WITH THERMOSTATIC MIXING VALVE TO LAVATORIES. RE: DETAIL.

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PLUMBING PLANS - ENLARGED

CITY OF OPELOUSAS

SOUTH CITY PARK CENTER

South City Park, 1524 Market St, Opelousas, LA 70570 St. Landry Parish

PROJECT ID: 20231117

db | ARCHITECTURE OF ACADIANA, LLC

TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

PARISH ENGINEERING
7600 Innovation Park Drive
Baton Rouge, LA 70820
225.332.0222
parisheng.com | #24-109

STATE OF LOUISIANA — GREGORY T. PARISH — PROFESSIONAL ENGINEER — CIVIL
01/17/2025

PROJECT NUMBER: 20231117

DATE: 01/17/2025

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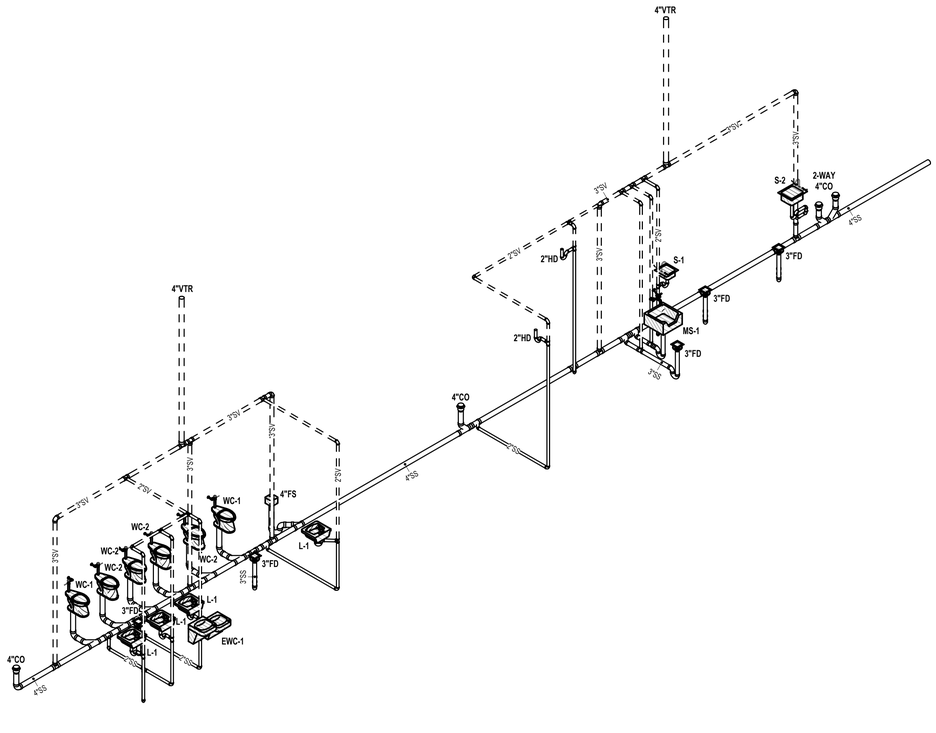

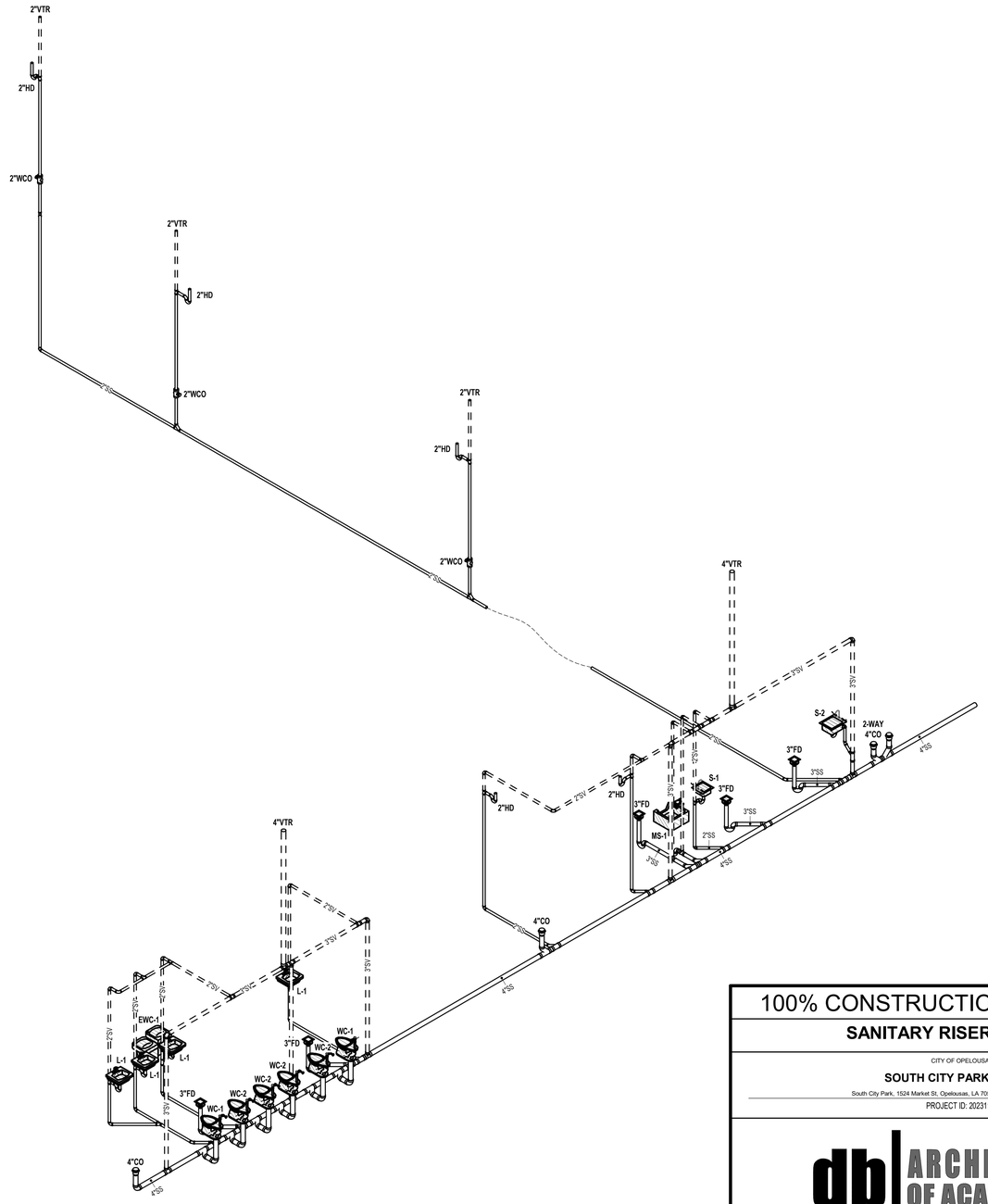

1 **SANITARY RISER DIAGRAM**

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SANITARY RISER DIAGRAM

CITY OF OPELOUSAS

SOUTH CITY PARK CENTER

South City Park, 1524 Market St, Opelousas, LA 70570 St. Landry Parish

PROJECT ID: 20231117

db ARCHITECTURE OF ACADIANA, LLC

TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

PARISH ENGINEERING
7600 Innovation Park Drive 225.332.0222
Baton Rouge, LA 70820 parisheng.com| #24-109

STATE OF LOUISIANA GRANT L. PARISH PROFESSIONAL ENGINEER CIVIL
01/17/2025

PROJECT NUMBER: **20231117**

DATE: 01/17/2025

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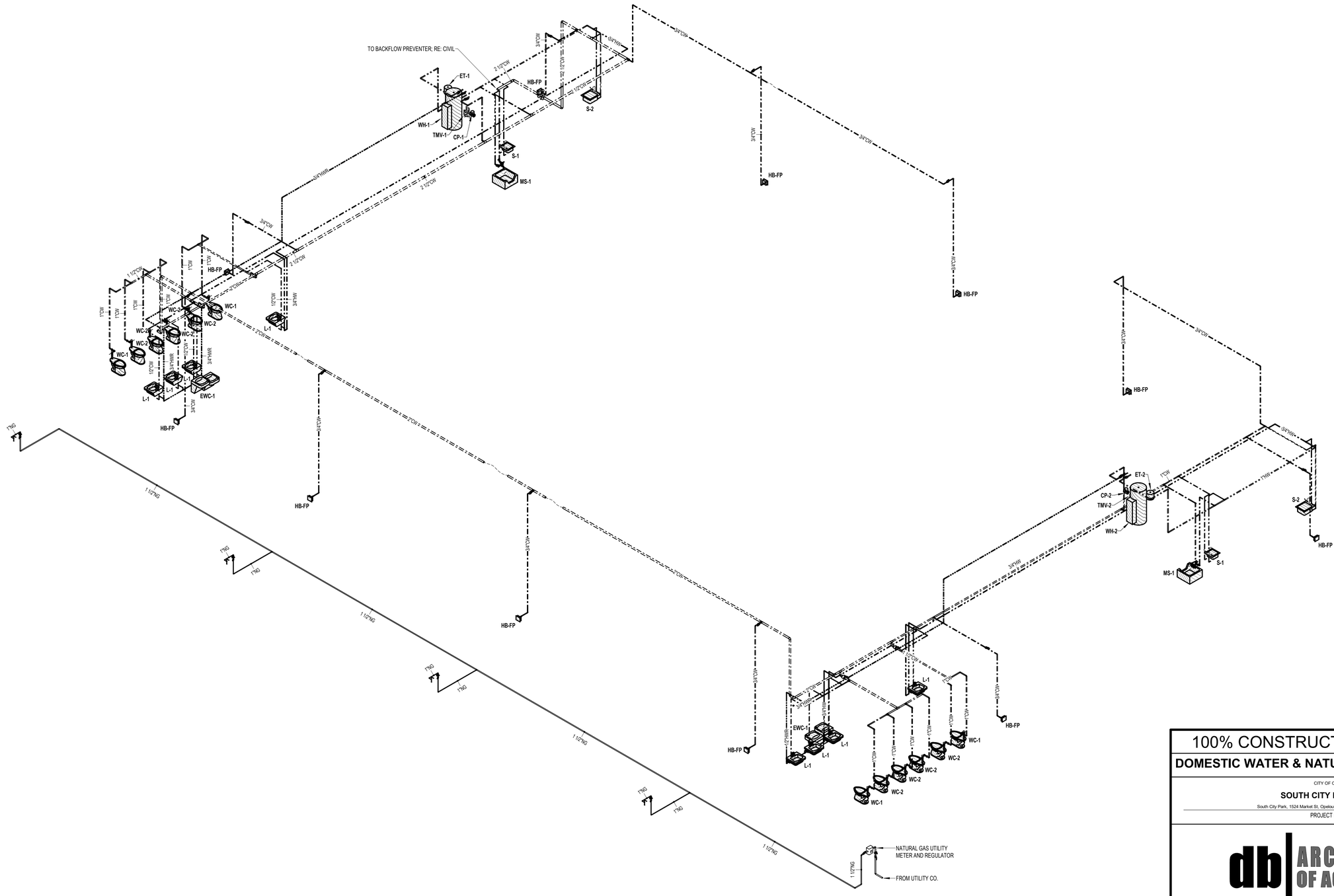

1 **DOMESTIC WATER & NATURAL GAS RISER DIAGRAM**
N.T.S.

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DOMESTIC WATER & NATURAL GAS RISER DIAGRAM

CITY OF OPELOUSAS

SOUTH CITY PARK CENTER

South City Park, 1524 Market St, Opelousas, LA 70570 St. Landry Parish

PROJECT ID: 20231117

db ARCHITECTURE OF ACADIANA, LLC

TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

PARISH ENGINEERING
7600 Innovation Park Drive
Baton Rouge, LA 70820
225.332.0222
parisheng.com| #24-109

STATE OF LOUISIANA
GRANT J. PARISH
LICENSED PROFESSIONAL ENGINEER
CIVIL ENGINEER
01/17/2025

PROJECT NUMBER: 20231117

DATE: 01/17/2025

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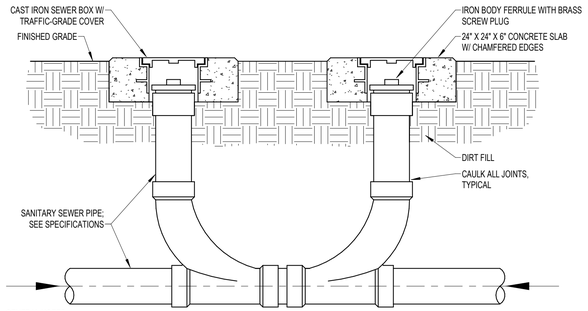
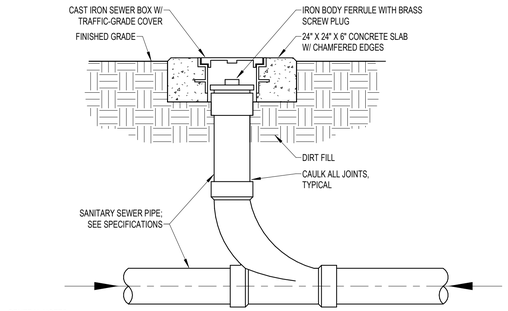


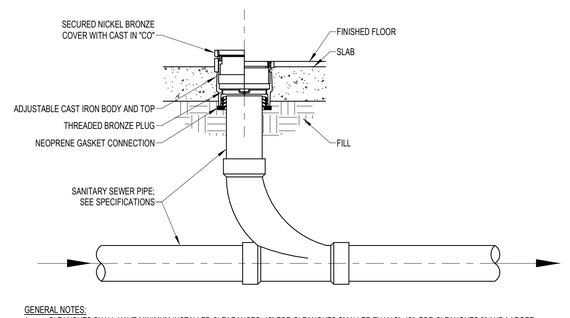
GENERAL NOTES:
1. CLEANOUTS SHALL HAVE MINIMUM INSTALLED CLEARANCES: 12" FOR CLEANOUTS SMALLER THAN 3"; 18" FOR CLEANOUTS 3" AND LARGER.
2. COORDINATE ROUGH IN HEIGHT OF ALL CLEANOUTS WITH SLAB/FINISHED FLOOR HEIGHT PRIOR TO SLAB BEING POURED.
3. ALL NOTES ARE TYPICAL FOR EACH CLEANOUT.

1 DETAIL - TWO WAY CLEANOUT
N.T.S.



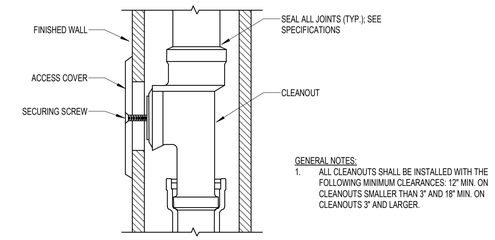
GENERAL NOTES:
1. CLEANOUTS SHALL HAVE MINIMUM INSTALLED CLEARANCES: 12" FOR CLEANOUTS SMALLER THAN 3"; 18" FOR CLEANOUTS 3" AND LARGER.
2. COORDINATE ROUGH IN HEIGHT OF ALL CLEANOUTS WITH SLAB/FINISHED FLOOR HEIGHT PRIOR TO SLAB BEING POURED.
3. ALL NOTES ARE TYPICAL FOR EACH CLEANOUT.

2 DETAIL - EXTERIOR CLEANOUT
N.T.S.



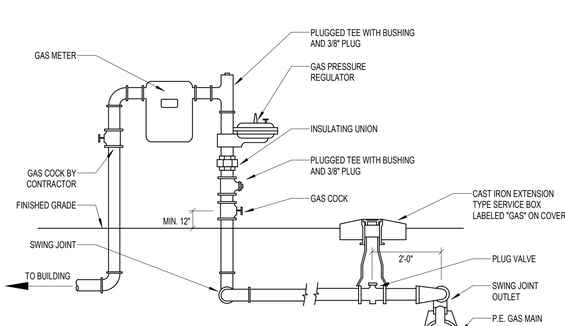
GENERAL NOTES:
1. CLEANOUTS SHALL HAVE MINIMUM INSTALLED CLEARANCES: 12" FOR CLEANOUTS SMALLER THAN 3"; 18" FOR CLEANOUTS 3" AND LARGER.
2. CLEANOUTS SHALL BE LOCATED AT MAXIMUM INTERVALS OF: 50'-0" FOR PIPING 3" AND SMALLER; 80'-0" FOR PIPING 4" THROUGH 6".
3. COORDINATE ROUGH IN HEIGHT OF ALL CLEANOUTS WITH SLAB/FINISHED FLOOR HEIGHT PRIOR TO SLAB BEING POURED.

3 DETAIL - INTERIOR CLEANOUT
N.T.S.



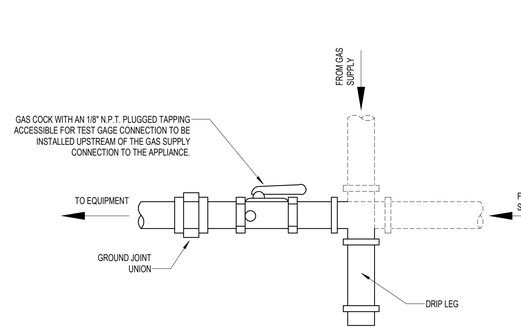
GENERAL NOTES:
1. ALL CLEANOUTS SHALL BE INSTALLED WITH THE FOLLOWING MINIMUM CLEARANCES: 12" MIN. ON CLEANOUTS SMALLER THAN 3" AND 18" MIN. ON CLEANOUTS 3" AND LARGER.

4 DETAIL - WALL CLEANOUT
N.T.S.



GENERAL NOTES:
1. ALL FLOOR DRAINS SHALL BE INSTALLED WITH A 1/2" TRAP PRIMER.
2. COORDINATE ROUGH IN HEIGHT OF ALL FLOOR DRAINS WITH SLAB/FINISHED FLOOR HEIGHT PRIOR TO SLAB BEING POURED.

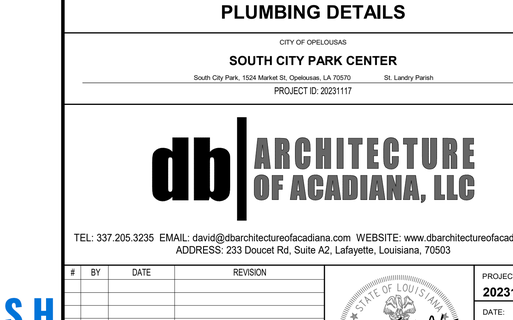
5 DETAIL - FLOOR DRAIN
N.T.S.



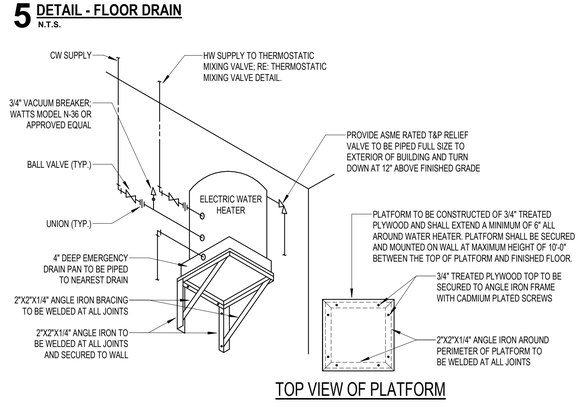
GENERAL NOTES:
1. ALL COPPER PIPING BELOW SLAB SHALL BE SOFT DRAWN WITH NO JOINTS. ALL COPPER PIPING ABOVE SLAB SHALL BE HARD DRAWN COPPER.

6 DETAIL - GRAVITY TRAP PRIMER
N.T.S.

7 DETAIL - EXTERIOR HOSE BIBB
N.T.S.

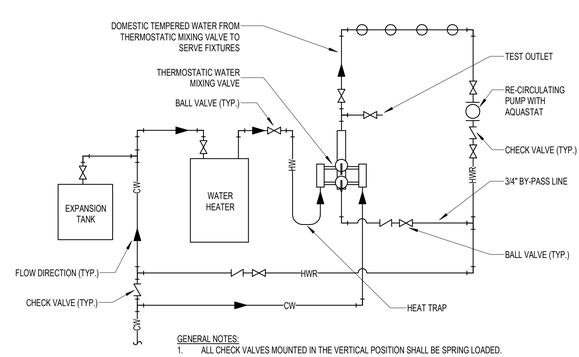


8 DETAIL - DOMESTIC WATER SHUTOFF
N.T.S.



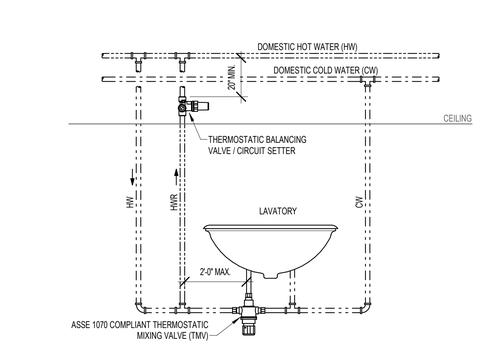
TOP VIEW OF PLATFORM

9 DETAIL - WALL MOUNTED ELECTRIC WATER HEATER
N.T.S.



GENERAL NOTES:
1. ALL CHECK VALVES MOUNTED IN THE VERTICAL POSITION SHALL BE SPRING LOADED.
2. ALL BALL VALVES SHALL BE FULL PORT LINE SIZE.

10 DETAIL - THERMOSTATIC MIXING VALVE @ WH
N.T.S.



GENERAL NOTES:
1. DOMESTIC HOT WATER BRANCH LOOP SERVING ANY PUBLIC LAVATORY SHALL BE ROUTED DOWN WITHIN THE ADJACENT WALL AND BRANCH OFF WITHIN 2'-0" OF THE FIXTURE CONNECTION IN ACCORDANCE WITH THE 2021 IECC SECTION C404.5.1 AND TABLE C404.5.1.
2. THERMOSTATIC BALANCING VALVE / CIRCUIT SETTER CONSTRUCTION FEATURES:
   A. BELL & GOSSETT MODEL TB-1/2(C) OR EQUAL.
   B. FULLY CERTIFIED BY ISO 9001 AND CERTIFIED LEAD FREE CONSTRUCTION PER NSF/ANSI 61 STANDARDS.
   C. VALVE BODY CONSTRUCTED OF 316 STAINLESS STEEL RATED FOR 145 PSIG MAXIMUM WORKING PRESSURE.
   D. ADJUSTABLE TEMPERATURE SETPOINT DIAL (98°F-150°F, ±3.6°F ACCURACY) WITH MAGNIFYING GLASS COVER.
   E. AUTOMATIC BALANCING WITH WAX THERMOSTATIC ELEMENT (OUT OF CONTACT WITH CIRCULATING WATER).
   F. BUILT-IN MANUAL BYPASS WITH ADJUSTABLE GPM (0.06 - 0.29) FOR HIGH TEMPERATURE THERMAL DISINFECTION AND MAGNIFYING GLASS COVER.
   G. PROVIDE WITH POLYSTYRENE (EPS) THERMAL INSULATION BLOCK WITH VELCRO STRAPS.
3. THERMOSTATIC BALANCING VALVE / CIRCUIT SETTER INSTALLATION:
   A. MINIMUM 20" AWAY FROM THE MAIN HOT WATER RETURN PIPE, MINIMUM 4" CLEARANCE ON ALL SIDES.
   B. INSTALL AT EQUAL ELEVATION AS OR LOWER ELEVATION THAN MAIN HOT WATER PIPING TO AVOID FALSE TEMPERATURE READINGS.
   C. INSTALL ABOVE ACCESSIBLE CEILINGS; IF INSTALLED ABOVE INACCESSIBLE CEILING, CONTRACTOR TO PROVIDE ACCESS PANEL.

11 DETAIL - PUBLIC LAVATORY DOMESTIC HOT WATER BRANCH LOOP
N.T.S.

12 DETAIL - GAS SERVICE
N.T.S.

13 DETAIL - GAS CONNECTION TO EQUIPMENT
N.T.S.

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PLUMBING DETAILS

CITY OF OPELOUSAS

SOUTH CITY PARK CENTER

South City Park, 1524 Market St. Opelousas, LA 70570 St. Landry Parish

PROJECT ID: 20231117

db ARCHITECTURE OF ACADIANA, LLC
TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

PARISH ENGINEERING
7600 Innovation Park Drive
Baton Rouge, LA 70820
225.332.0222
parisheng.com| #24-109

STATE OF LOUISIANA GRANT W. PARISH PROFESSIONAL ENGINEER CIVIL
01/17/2025

PROJECT NUMBER: 20231117

DATE: 01/17/2025

P300

SCHEDULE - PLUMBING FIXTURES

MARK	DESCRIPTION	MANUFACTURER / MODEL	CONNECTION SIZE				ACCESSORIES / TRIM		
			WASTE	VENT	CW	HW	FAUCET	FLUSH VALVE	MISCELLANEOUS ITEMS
WC-1	FLOOR MOUNTED WHITE VITREOUS WATER CLOSET W/ TOP SPUD AND 1.6 GPF FLUSH VALVE; ADA COMPLIANT	AMERICAN STANDARD 3043.001	4"	3"	1"			AMERICAN STANDARD 6065.161	SEAT: AMERICAN STANDARD 5901.100; CHURCH 9500 SSCT
WC-2	FLOOR MOUNTED WHITE VITREOUS WATER CLOSET W/ TOP SPUD AND 1.6 GPF FLUSH VALVE	AMERICAN STANDARD 2234.001	4"	3"	1"			AMERICAN STANDARD 6065.161	SEAT: AMERICAN STANDARD 5901.100; CHURCH 9500 SSCT
L-1	20" X 18" WALL HUNG WHITE VITREOUS CHINA LAVATORY SINGLE FAUCET HOLE	AMERICAN STANDARD 9024001EC.020	2"	2"	1/2"	1/2"	ZURN Z6915-XL		2" CAST BRASS "P" TRAP WITH CLEAN OUT; GRID STRAINER DRAIN
S-1	17" X 15" WALL MOUNT SINK OF 20 GA STAINLESS STEEL WITH BACKSPLASH AND GOOSENECK FAUCET	KATOM K-1410-CP	2"	2"	1/2"	1/2"	KATOM 2613		KATOM DRAIN, P-TRAP, STRAINER, MOUNTING BRACKET; 3/8" ANGLE STOP SUPPLIES WITH LOOSE KEY STOP
S-2	17" X 20" SELF RIMMING TOP MOUNT SINGLE BOWL SINK OF 18 GA STAINLESS STEEL WITH (3) FAUCET HOLES ON 4" CENTERS AND DECK MOUNTED GOOSENECK FAUCET WITH 4" WRISTBLADES	ELKAY LR1720; JUST SL-2017-A-GR	2"	2"	1/2"	1/2"	ELKAY LK810GN05T4; AMERICAN STANDARD 6405.170; JUST JTR-50-W4; ZURN Z871B4-XL	-	DRAIN: ELKAY LK8; JUST J-15SSF; FIXTURE TO BE SUPPLIED WITH 1-1/2" CAST BRASS "P" TRAP WITH CLEAN OUT; 3/8" ANGLE STOP SUPPLIES WITH LOOSE KEY STOP
MS-1	22"X19"X12" MOP SINK OF 16 GA STAINLESS STEEL AND 18 GA STAINLESS STEEL APRON	GRIDMANN MP-GR27	3"	2"	3/4"	3/4"	T&S BRASS B-0665-BSTP		STAINLESS STEEL MOP HANGER; STAINLESS STEEL BACKSPLASH; 36" HOSE WITH WALL HOOK
EWC-1	BARRIER FREE ACCESS WALL MOUNTED ADA COMPLIANT DOUBLE STATION WATER COOLER WITH STAINLESS STEEL BUBBLER AND BOTTLE FILLER	ELKAY LZSTL8WSLK	2"	2"	1/2"				1-1/4" CAST BRASS "P" TRAP WITH CLEANOUT; 3/8" ANGLE STOP SUPPLIES WITH LOOSE KEY STOP
HB-FP	FREEZE PROOF WALL HYDRANT WITH FLUSH MOUNTED WALL BOX	WOODFORD B65; JAY R SMITH 5519; MIFAB MHY-25; ZURN Z1300; JOSAM 71000			3/4"				TO BE SUPPLIED WITH (2) LOOSE TEE KEYS
3"FD	FLOOR DRAIN WITH 6" SQUARE ADJUSTABLE NICKEL BRONZE STRAINER AND CAST IRON BODY	JAY R SMITH 2005; WADE 1100G; ZURN Z415S; JOSAM 3000-S; MIFAB F1100-S							
4"FS	CAST IRON 8" SQUARE FLOOR SINK WITH 6" DEEP SUMP, DOME STRAINER, AND NICKEL BRONZE HALF GRATE	WADE 9113; MIFAB FS1520-FL; JAY R SMITH 3100; ZURN Z1910; JOSAM 49300NB							
4"CO	SANITARY FLOOR CLEANOUT	ZURN ZN1400; WADE 6000-STD; JAY R SMITH 4031 SERIES; JOSAM 55000; MIFAB C1220							
2"WCO	SANITARY WALL CLEANOUT	ZURN Z1446; JAY R SMITH 4500 SERIES; WATTS CO-460-RD							

NOTES:

1. PROVIDE STAINLESS STEEL HARDWARE (BOLTS, ETC.) FOR ATTACHING ALL PLUMBING FIXTURES.
2. PROVIDE 3/8" ANGLE STOP SUPPLIES WITH LOOSE KEY STOP FOR ALL WATER CLOSETS, SINKS, LAVATORIES, WATER COOLERS, ETC.
3. PROVIDE CARRIER PER THE MANUFACTURER'S RECOMMENDATIONS/REQUIREMENTS FOR ALL WALL HUNG FIXTURES.
4. CLEANOUTS SHALL BE THE SAME SIZE AS THE SANITARY SEWER PIPE.
5. PROVIDE WATER TEMPERATURE LIMITING DEVICE CONFORMING TO ASSE 1070 TO LIMIT THE TEMPERED WATER TO A MAXIMUM OF 110°F FOR ALL LAVATORIES.
6. ALL LAVATORIES SHALL BE ADA COMPLIANT. PROVIDE 29" CLEARANCE FROM THE FLOOR TO THE BOTTOM OF THE LAVATORY APRON. EXPOSED DRAIN AND WATER PIPING SHALL NOT INTERFERE WITH REQUIRED KNEE CLEARANCE. PROVIDE TWO-PIECE, SNAP-ON, PVC INSULATED COVER; TRUEBRO #HANDI LAV-GUARD OR APPROVED EQUAL.
7. HOSE BIBBS:
   A. WHERE WALL THICKNESS DOES NOT ALLOW FOR INSTALLATION OF HOSE BIBB SPECIFIED, PROVIDE NARROW MODERATE CLIMATE WALL HYDRANT WITH BRONZE BODY, SATIN FINISH, STAINLESS STEEL BOX, SCREW DRIVER OPERATED STOP VALVE AND TEE HANDLE, WADE MODEL HY-1 OR APPROVED EQUAL.

SCHEDULE - WATER HEATERS - ELECTRIC, TANK

MARK	CAPACITY	GPH AT 80°F RISE	ELEMENT(S)				ELECTRICAL SERVICE			WEIGHT	MANUFACTURER / MODEL
			QTY	SIMULTANEOUS	CAP EA.	CAP TOTAL	VOLTS	PH	FREQ		
WH-1	40 gal	32	1	YES	6 kW	6 kW	480 V	3	60 Hz	600 lb	AO SMITH DSE-40A OR APPROVED EQUAL
WH-2	40 gal	32	1	YES	6 kW	6 kW	480 V	3	60 Hz	600 lb	AO SMITH DSE-40A OR APPROVED EQUAL

NOTES:

1. COORDINATE PIPING INSTALLATION WITH THE MANUFACTURER'S RECOMMENDATIONS AND INSTALLATION INSTRUCTIONS.
2. PROVIDE SAFETY AN UNDER WATER HEATER. ROUTE DRAIN LINE FROM SAFETY PAN AND T&P RELIEF VALVE FROM WATER HEATER TO EXTERIOR WALL WITH ELBOW DOWN AT APPROXIMATELY 12" AFF.
3. WATER HEATER TO BE FURNISHED AND INSTALLED WITH ASME COMPLIANT THERMAL EXPANSION TANK. WATER HEATER, TANK, AND T&P RELIEF VALVES SHALL BE ASME CERTIFIED.
4. WATER HEATER TO BE PROVIDED WITH IMMERSION STYLE THERMOSTAT.

SCHEDULE - CIRCULATING PUMPS

MARK	DESCRIPTION	MAX FLOW	MAX HEAD	MOTOR		ELECTRIC SERVICE			MANUFACTURER / MODEL
				POWER	RPM	VOLTS	PH	FREQ	
CP-1	3-SPEED RECIRCULATING PUMP	32 GPM	33 ftH2O	0.125 hp	3250	120 V	1	60 Hz	TACO 0013 OR APPROVED EQUAL
CP-2	3-SPEED RECIRCULATING PUMP	32 GPM	33 ftH2O	0.125 hp	3250	120 V	1	60 Hz	TACO 0013 OR APPROVED EQUAL

NOTES:

1. PUMP SHALL BE BRONZE OR STAINLESS STEEL CONSTRUCTION SUITABLE FOR DOMESTIC WATER USE.
2. PROVIDE WITH AQUASTAT AND DIGITAL TIMER.
3. COORDINATE WITH ELECTRICAL CONTRACTOR FOR ELECTRICAL SERVICE.

SCHEDULE - THERMOSTATIC MIXING VALVES

MARK	MIN FLOW	FLOW @ 10 PSI PD	INLET DIA	OUTLET DIA	MANUFACTURER / MODEL
TMV-1	1 GPM	18 GPM	3/4"	1"	LENOARD TM-420B-LF-DT OR APPROVED EQUAL
TMV-2	1 GPM	18 GPM	3/4"	1"	LENOARD TM-420B-LF-DT OR APPROVED EQUAL

NOTES:

1. ALL TMVs SHALL BE HIGH/LOW TYPE, ASSE 1017 COMPLIANT, AND LEAD FREE.
2. TMV SHALL HAVE ADJUSTABLE HIGH TEMPERATURE LIMIT STOP, INLET CHECK STOPS, WALL SUPPORT, OUTLET BALL VALVE, INLET MANIFOLD PIPING, LOCKING TEMPERATURE REGULATORS, AND COLOR CODED DIAL THERMOMETER.
3. PROVIDE ALL UNITS WITH WALL MOUNTING BRACKETS, VACUUM BREAKERS, AND TOP SUPPLIES FACTORY ASSEMBLED AND TESTED.

SCHEDULE - THERMAL EXPANSION TANKS

MARK	DESCRIPTION	VOLUME	WEIGHT	MANUFACTURER / MODEL
ET-1	ASME CERTIFIED BLADDER TYPE THERMAL EXPANSION TANK	2 gal	40 lb	ELBI DTS-8 OR APPROVED EQUAL
ET-2	ASME CERTIFIED BLADDER TYPE THERMAL EXPANSION TANK	2 gal	40 lb	ELBI DTS-8 OR APPROVED EQUAL

NOTES:

1. SHELL SHALL BE FABRICATED STEEL DESIGNED AND CONSTRUCTED PER ASME SECTION VIII DIV 1.
2. MAXIMUM WORKING PRESSURE OF 150 PSI AND MAXIMUM OPERATING TEMPERATURE OF 240°F.
3. TANK SHALL BE MOUNTED AND SECURED TO WALL OR ON FLOOR

SCHEDULE - NATURAL GAS FIRED EQUIPMENT & REGULATORS

EQUIPMENT	QTY	DEMAND (CFH) EACH	DEMAND (CFH) TOTAL	INLET PRESSURE	OUTLET PRESSURE
PACU-1,2,3,4	4	260	1040	7 - 11 in-wg	
NGR-A (SERVICE REGULATOR)	1		1040	CITY PRESSURE	2 PSI
NGR-B	4	260	1040	2 PSI	7 - 11 in-wg

NOTES:

1. VERIFY EXACT NATURAL GAS DEMAND & INLET PRESSURE REQUIRED FOR ALL NATURAL GAS FIRED EQUIPMENT PROVIDED TO PROJECT PRIOR TO ORDERING EQUIPMENT/MATERIAL.

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PLUMBING SCHEDULES

CITY OF OPELOUSAS

SOUTH CITY PARK CENTER

South City Park, 1524 Market St, Opelousas, LA 70570 St. Landry Parish

PROJECT ID: 20231117

dbARCHITECTURE OF ACADIANA, LLC

TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

PARISH ENGINEERING
7600 Innovation Park Drive
Baton Rouge, LA 70820
225.332.0222
parisheng.com| #24-109

STATE OF LOUISIANA — GRANT L. PARISH — PROFESSIONAL ENGINEER — CIVIL — 01/17/2025

PROJECT NUMBER: 20231117

DATE: 01/17/2025

P400

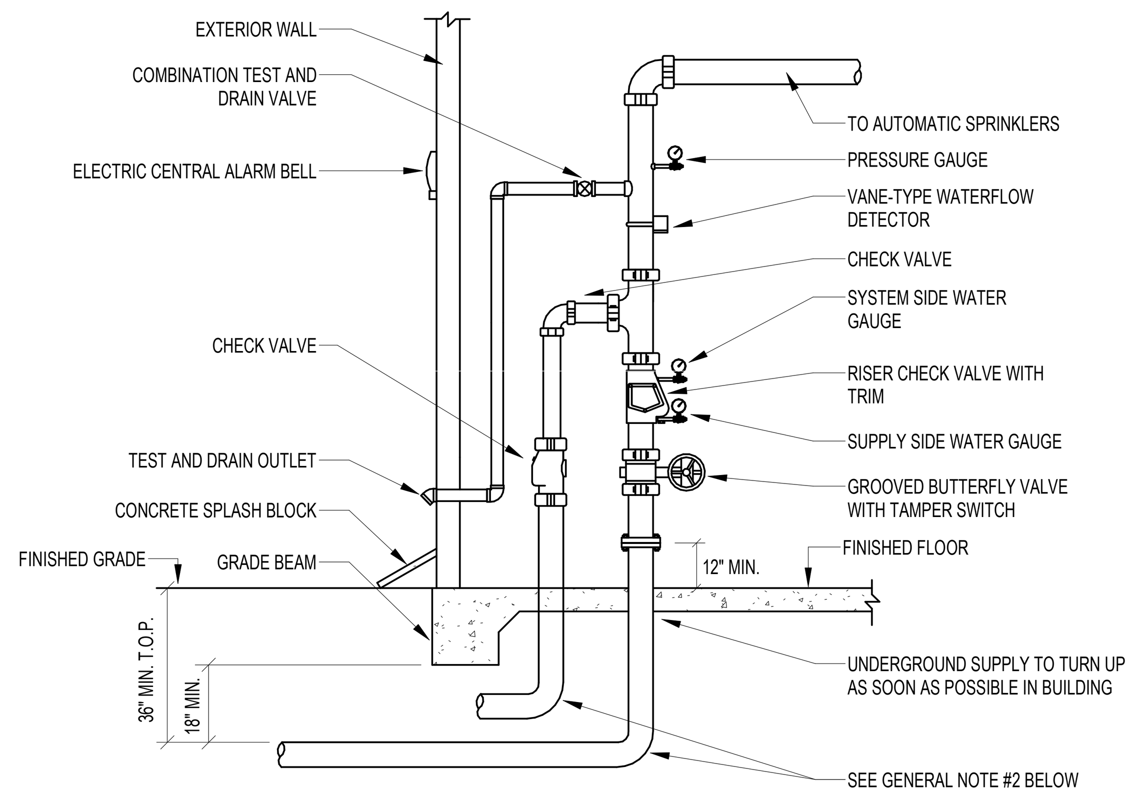
SPRINKLER GENERAL NOTES

1. ALL WORK BY CONTRACTORS SHALL CONFORM TO ALL APPLICABLE NFPA, FEDERAL, STATE AND LOCAL BUILDING CODES.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING SPRINKLER SYSTEM WITH LIGHTS, DUCT, HVAC EQUIPMENT, STRUCTURAL SYSTEMS, WALLS, MILLWORK, ETC. TO ENSURE NO INTERFERENCES OCCUR. MAKE ALL REQUIRED OFFSETS AS REQUIRED TO ENSURE REQUIRED CLEARANCE FROM ADJACENT WORK.
3. SPRINKLER CONTRACTOR SHALL HYDRAULICALLY CALCULATE & DESIGN THE FIRE SUPPRESSION & SPRINKLER SYSTEM IN ACCORDANCE WITH ALL APPLICABLE NFPA CODES, STATE FIRE MARSHAL & ALL OTHER APPLICABLE CODES.
4. CONTRACTOR SHALL PROVIDE SUBMITTAL OF PROPOSED SPRINKLER HEAD LAYOUT, PIPE SIZE & ROUTING, SPRINKLER HEAD, VALVE, EQUIPMENT, ETC. CUTSHEETS & HYDRAULIC CALCULATIONS TO ENGINEER & ARCHITECT FOR REVIEW & APPROVAL PRIOR TO COMPLETING THE FORMAL STATE FIRE MARSHAL SUBMITTAL.
5. CONTRACTOR SHALL PROVIDE ALL MATERIAL & EQUIPMENT FOR COMPLETE & PROPERLY OPERATING SYSTEM. PROVIDE ALL TESTING, PRESSURE GAUGES, SUPPORTS, HANGERS, DRAIN LINES, ETC.
6. COORDINATE SPRINKLER HEADS WITH ARCHITECTURAL REFLECTED CEILING PLANS, LIGHTING, AIR DEVICES & OTHER CEILING ITEMS.
7. CONTRACTOR SHALL INSTALL SPRINKLER HEADS IN ALL FURRINGS WHERE UNDERSIDE IS NOT PROTECTED BY SURROUNDING SPRINKLER HEADS AS REQUIRED TO PROVIDE PROPER PROTECTION OF FURRINGS & ALL AREAS. COORDINATE WITH ARCHITECTURAL DRAWINGS FOR FURRING LOCATION.
8. PROVIDE A GEOMETRICALLY ALIGNED SPRINKLER HEAD LAYOUT& COORDINATE APPEARANCE. IN ORDER TO ACHIEVE THESE AESTHETICS; THERE MAY BE MORE OR LESS SPRINKLER HEADS REQUIRED TO MEET THE MINIMUM COVERAGE REQUIREMENTS OF NFPA-13. PROVIDE PRELIMINARY LAYOUT OF SPRINKLER HEADS FOR ARCHITECT & ENGINEER REVIEW & APPROVAL PRIOR TO SUBMITTING TO STATE FIRE MARSHALL.
9. INSTALL SPRINKLER SYMMETRICAL IN RELATION TO CEILING SYSTEM COMPONENTS & IN CENTER OF CEILING TILES. INSTALL NEW SPRINKLER HEADS CENTERED IN THE CEILING TILES AS MEASURED FROM THE CEILING GRID "T" BARS IN BOTH DIRECTIONS WITH A MAXIMUM TOLERANCE OF 2" IN EITHER DIRECTION. SPRINKLER HEADS AT GYPSUM BOARD CEILINGS SHALL BE CONCEALED HEADS CENTERED WITH LIGHTS. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR ADDITIONAL INFORMATION.
10. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING HEIGHTS & COORDINATE & PROVIDE ALL OFFSETS.
11. PROVIDE PERMANENT MOUNTED METAL IDENTIFICATION LABELS WITH "TEST VALVE" AT ALL INSPECTOR TEST TEE'S THAT ARE REQUIRED FOR THE SYSTEM(S) IN ACCORDANCE WITH NFPA 13.
12. ALL CEILING MOUNTED SPRINKLER HEADS ARE TO BE FULLY RECESSED WITH COVER PLATE & CUSTOM COLOR FINISH UNLESS NOTED OTHERWISE. PROVIDE CUTSHEETS FOR SPRINKLER HEADS TO ARCHITECT & ENGINEER PRIOR TO CONSTRUCTION. ARCHITECT TO HAVE FINAL APPROVAL OF SPRINKLER HEADS & COVER PLATE COVER FOR AESTHETICS. ALL HEADS IN EXPOSED AREAS SHALL BE UPRIGHT.
13. ALL SPRINKLER HEADS LOCATED IN CEILING TILS SHALL BE INSTALLED IN CENTER OF TILES.
14. ALL UPRIGHT SPRINKLER HEADS THAT ARE LESS THAN 8'-0" A.F.F. SHALL HAVE CAGE GUARDS, CAGE GUARDS SHALL BE LISTED FOR USE WITH SUPPLIED SPRINKLER HEAD.
15. PROVIDE UPRIGHT SPRINKLER HEAD BELOW LOWEST STAIR LANDING.
16. PROVIDE PERMANENT MOUNTED METAL IDENTIFICATION LABELS FOR ALL FIRE DEPARTMENT CONNECTIONS IN ACCORDANCE WITH APPLICABLE NFPA & LOCAL BUILDING CODES & AHJ.
    A. LABEL SHALL BE VISIBLE 7 RECOGNIZABLE FROM STREET OR NEAREST POINT OF FIRE DEPARTMENT APPARATUS ACCESSIBILITY OR ON STREET SIDE OF BUILDING.
    B. SIGN SHALL HAVE LETTERS MINIMUM 1" IN HEIGHT.
    C. SIGN SHALL INDICATED "STANDPIPE" & WHETHER SYSTEM IS MANUAL & EITHER WET OR DRY TYPE SYSTEM.
    D. WHERE AUTOMATIC SPRINKLERS ARE SUPPLIED BY FDC, THE SIGN OR COMBINATION OF SIGNS SHALL INCLUDE DESIGNATED SERVICES, E.G. "STANDPIPE AND AUTOSPKR".
    E. SIGN SHALL INDICATE PRESSURE REQUIRED AT INLETS TO DELIVER STANDPIPE SYSTEM DEMAND. PRESSURE SIGN SHALL NOT BE REQUIRED WHERE PRESSURE REQUIRED IS 150 PSI OR LESS.
    F. WHERE A FDC SERVICES MULTIPLE BUILDINGS, STRUCTURES OR LOCATIONS, THE SIGN SHALL INDICATE THE BUILDING, STRUCTURE OR LOCATION SERVED.
    G. WHERE MULTIPLE FDC SERVE DIFFERENT PORTIONS OF BUILDING, THE SIGN SHALL INDICATE PORTION OF BUILDING SERVED, E.G. "1ST FLOOR NORTH".
    H. FDC SHALL NOT BE LOCATED LESS THAN 18" OR GREATER THAN 48" ABOVE ADJOINING SURFACE GRADE.
    I. SIGNS SHALL BE SECURED TO A DEVICE OR BUILDING WALL WITH CORROSION RESISTANT CHAINS OR FASTENERS.
17. HYDRAULIC DESIGN INFORMATION SIGN:
    A. PROVIDE A SIGN IDENTIFYING BASIS OF THE SYSTEM DESIGN LOCATED AT THE WATER SUPPLY CONTROL VALVE FOR AUTOMATIC OR SEMIAUTOMATIC STANDPIPE SYSTEMS & AT AN APPROVED LOCATION FOR MANUAL SYSTEMS.
    B. SIGN SHALL INCLUDE:
        1. LOCATION OF TWO HYDRAULICALLY MOST REMOTE HOSE CONNECTIONS.
        2. DESIGN FLOW RATE FOR CONNECTION.
        3. DESIGN RESIDUAL INLET & OUTLET PRESSURE FOR CONNECTIONS.
        4. DESIGN STATIC PRESSURE & STEM DAMAN AT SYSTEM CONTROL VALVE.
18. COORDINATE SPRINKLER PIPING WITH ALL TRADES. HVAC EQUIPMENT, DUCT, HVAC & PLUMBING PIPING SHALL HAVE PRECEDENCE FOR COORDINATION EXACT HEIGHTS & LOCATIONS OF ALL SPRINKLER HEADS & PIPING MAINS. PROVIDE ALL PIPING OFFSETS AS REQUIRED TO AVOID OBSTRUCTIONS & CONFLICTS.
19. PROVIDE ADDITIONAL DRAIN LINES AS REQUIRED TO DRAIN SPRINKLER PIPING SYSTEM, INCLUDING ANY ADDITIONAL DRAINS REQUIRED FOR OFFSETS REQUIRED DURING CONSTRUCTION. REFER TO CONSTRUCTION DRAWINGS & CONTRACTOR SHOP DRAWINGS. FIGURE IN BID PROVIDING A MINIMUM OF SIX (6) DRAIN LOCATIONS SHOULD PIPING REQUIRE TO BE OFFSET IN FIELD.
20. PAINT ALL EXPOSED SPRINKLER PIPING, SUPPORTS, ETC. COORDINATE WITH ARCHITECT FOR COLOR.
21. FLEXIBLE DROPS SHALL BE ACCEPTABLE PROVIDED HYDRAULIC CALCULATIONS ARE CALCULATED USING THE LONGEST FLEXIBLE DROP MANUFACTURED BY THE FLEXIBLE DROP MANUFACTURER & INCLUDE MAX PUBLISHED FRICTION LOSS FROM UL OR FM GLOBAL.
22. PROVIDE THRUST BLOCKS AT ALL SUBSURFACE SPRINKLER PIPING TURNS.
23. SEAL PIPE PENETRATIONS THROUGH FIRE & SMOKE RATED WALLS & FLOORS WITH APPROVED FIRE RESISTANT MATERIAL. PROVIDE CHROME ESCUTCHEON PLATES AT ALL EXPOSED PIPE PENETRATIONS.
24. COORDINATE WITH GENERAL CONTRACTOR & ARCHITECT FOR PAINTING OF SPRINKLER PIPING & HANGERS THAT ARE EXPOSED TO VIEW.
25. SPRINKLER PIPING DRAIN PIPING SHALL BE SCHEDULE 40 GALVANIZED STEEL WITH SCREWED GALVANIZED MALLEABLE IRON FITTINGS.
26. PROVIDE AMES 8" BUILDING RISER SERIES IBR, CORROSION RESISTANT 304 STAINLESS STEEL, UL/FM APPROVED, NFPA 24 COMPLIANT, AWWA C900 INLET/DIP (COORDINATE WITH PLUMBING CONTRACTOR ON SITE PIPING, AWWA C606 INLET) AT SPRINKLER RISER PIPING.
27. ALL SHUT OFF VALVES IN SPRINKLER, STANDPIPE, COMBINED SYSTEM SHALL BE APPROVED INDICATING TYPE.
28. SPRINKLERS & EXPOSED SPRINKLER PIPING SHALL BE INSTALLED SYMMETRICAL IN RELATION TO BUILDING COMPONENTS.
29. PROVIDE ADDITIONAL SPRINKLER HEADS & PIPING AS REQUIRED TO COORDINATE THE WORK OF OTHER TRADES IN THE FIELD.
30. LOCATE REMOTE MOUNTED FIRE DEPARTMENT CONNECTION ON SITE. COORDINATE WITH ARCHITECT, GENERAL CONTRACTOR, CIVIL ENGINEER & MECHANICAL ENGINEER PRIOR TO ROUGH IN.
31. PROVIDE SPRINKLER CABINET WITH SPARE SPRINKLERS IN THE SPRINKLER RISER ROOM.
32. PROVIDE OWNER WITH A COPY OF NFPA 25: STANDARD FOR INSPECTION, TESTING, AND MAINTENANCE OF WATER BASED FIRE PROTECTION SYSTEMS.
33. ALL ABOVE & BELOW GROUND PIPING SHALL BE HYDROSTATICALLY TESTED BY CONTRACTOR AT 200 PSI FOR A MINIMUM OF 2 HOURS IN ACCORDANCE WITH NFPA 13.
34. PROVIDE AIR RELEASE VALVE AT HIGHEST POINT OF EACH SYSTEM.
35. SPRINKLERS LOCATED IN ELEVATOR SHAFTS OR ELEVATOR MACHINE ROOMS SHALL BE 200°F STANDARD RESPONSE IN ACCORDANCE WITH ANSI A17.1
36. SPRINKLER PIPING SHOWN IN DIAGRAMMATIC. COORDINATE EXACT PIPE ROUTING. SPRINKLER SYSTEM FLOOR CONTROL VALVE ASSEMBLIES SHALL BE INSTALLED IN STAIR ENCLOSURES.
37. PROVIDE FIRE LOOP AS MANUFACTURED BY METRAFLEX OR APPROVED EQUAL WHERE FIRE PROTECTION PIPING CROSSES EXPANSION JOINTS.
38. PROVIDE FLOW SWITCH & 2" TEST & DRAIN CONNECTION AT SPRINKLER RISER. PROVIDE TAMPER SWITCH AT ALL OPERABLE VALVES IN THE SPRINKLER SYSTEM. PROVIDE FLOW SWITCH AT EACH FLOOR CONTROL VALVE. COORDINATE WITH ELECTRICAL & FIRE ALARM CONTRACTOR FOR ELECTRICAL SERVICE & MONITORING OF ALL SUPERVISORY, FLOW, TAMPER SWITCHES, ETC.
39. PROVIDE LISTED RISER CLAMP & PIPE SLEEVE WITH FIREPROOF & WATERPROOF PACKING BETWEEN SLEEVE & PIPE AT ALL SPRINKLER PIPING PENETRATIONS THRU FLOORS.
40. COORDINATE REQUIRED STAIR CLEARANCE FOR STANDPIPES & HOSE VALVES/STATIONS WITH ARCHITECT PRIOR TO ROUGH IN.

SPRINKLER SPECIFICATIONS

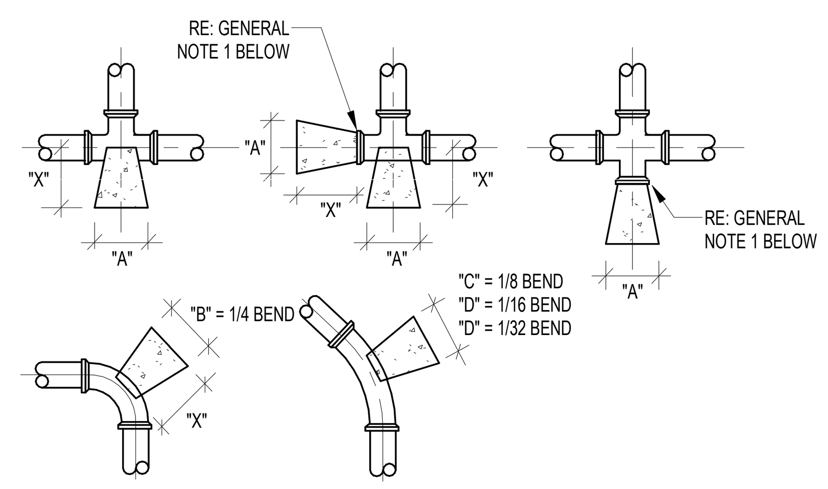
SPRINKLER PIPING:
- A. UNDERGROUND PIPING:
    - a. UNDERGOUND PIPING SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 24 PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES. PROVIDE CONCRETE THRUST BLOCKS AT EACH CHANGE OF DIRECTION & ALL TEES, PLUGS, & CAPS.
    - b. PROVIDE BRIGHTLY COLORED, METALLIC CORE, NON-DETERIORATING, MINIMUM 2" WIDE IDENTIFICATION RIBBON TAPE SET 24" BELOW FINISHED GRADE, DIRECTLY ABOVE PIPING. INSTALL TRACER WIRE ON ALL NON METALLIC PIPING.
    - c. ALL UNDERGROUND PIPING SHALL BE INSTALLED MINIMUM 36" BELOW GRADE.
    - d. PIPING:
        - • DUCTILE IRON PIPE, AWWA C 106 WITH FITTINGS COMPLYING WITH AWWA C110 & RUBER GASKETS COMPLYING WITH AWWA C111 OR POLYVINYLCHLORIDE (PVC) C-900 FOR FIRE SERVICE, 200 PSI, UL LISTED.
        - • FIRE WATER SERVICE PIPING RISER INTO BUILDING: RISER SHALL BE AMES SERIES IBR TYPE 304 STAINLESS STEEL RISER WITH END CPA, UL LISTED & FM APPROVED, AWWA C900 INLET/DIP WITH AWWA C606 OUTLET. DESIGNED TO MEET NFPA 24.
        - • PIPING STUBBED UP FROM GRADE FOR REMOTE MOUNTED PEDESTAL FIRE DEPARTMENT CONNECTION SHALL BE SCHEDULE 40 GALVANIZED PIPE ABOVE GROUND (COATED & WRAPPED PER NFPA 24).
- B. INTERIOR SPRINKLER PIPING:
    - a. PIPING 4" AND SMALLER:
        - • SCHEDULE 40 BLACK STEEL PIPE WITH APPROVED DUCTILE IRON OR MALLEABLE IRON THREADED OR GROOVED FITTINGS.
    - b. PIPING 6" AND LARGER:
        - • SCHEDULE 10 BLACK STEEL PIPE WITH LISTED GROOVED FITTINGS.
    - c. PIPING MAY BE JOINED BY APPROVED WELDING METHODS WITH LISTED FITTINGS.
    - d. MECHANICAL TEES SHALL NOT BE ALLOWED.

2. SPRINKLER HEADS:
    - A. TEMPERATURE RATING ON FUSIBLE LINKS SHALL BE AS REQUIRED FOR SPECIFIC HAZARD AREA WITH MINIMUM MARGIN OF SAFETY 50°F.
    - B. ALL SPRINKLER HEADS SHALL BE UNDERWRITER'S LABORATORIES & FACTORY MUTUAL LABELED.
    - C. ALL SPRINKLER HEADS SHALL BE QUICK RESPONSE TYPE EXCEPT AT ELEVATOR PIT & ELEVATOR MACHINE ROOM.
    - D. ELEVATOR PIT & MACHINE ROOM SPRINKLERS:
        - • SHALL BE INTERMEDIATE TEMPERATURE, STANDARD RESPONSE IN COMPLIANCE WITH ANSI A17.1.
    - E. SPRINKLER HEADS INSTALLED IN SUSPENDED FINISHED CEILINGS & UNDER SOLID/GYPSUM BOARD FINISHED CEILINGS:
        - a. FULLY RECESSED TYPE WITH COVER PLATE:
        - b. FIGURE IN BID CUSTOM COLOR COVER PLATES; PROVIDE WHITE COVER PLATES UNLESS DIRECTED/SPECIFIED OTHERWISE BY ARCHITECT DURING SUBMITTAL REVIEW.
        - c. EXTENDED COVERAGE SPRINKLER HEADS SHALL BE ALLOWED BASED ON APPROVAL OF AESTHETICS OF SPRINKLER HEAD BY ARCHITECT/OWNER.
    - F. EXPOSED AREAS:
        - a. STANDARD UPRIGHT TYPE WITH CHROME FINISH.
        - b. FINISH MAY BE BRASS WHERE LOCATED IN MECHANICAL ROOMS, JANITOR'S CLOSETS, ETC.
        - c. PROVIDE CHROME PLATED WIRE CAGES, INCLUDING ATTACHMENT DEVICES IN AREAS WITH EXPOSED, UPRIGHT SPRINKLER HEADS. WIRE CAGES SHALL BE HEAVY DUTY TYPE & UL LISTED FOR USE WITH RESPECTIVE SPRINKLER HEAD.
    - G. SIDEWALL APPLICATIONS:
        - • PROVIDE WITH SIDEWALL TYPE WITH CHROME PLATED FINISH & ESCUTCHEON PLATES.
    - H. DRY PIPE SPRINKLER HEADS:
        - a. CLOSED, AUTOMATIC TYPE WITH SPRAY DEFLECTOR, FUSIBLE LINK & WHITE FINISH (UNLESS DIRECTED OTHERWISE BY ARCHITECT DURING SUBMITTAL REVIEW).
        - b. ALL PORCHES SHALL BE PROTECTED WITH DRY TYPE SIDEWALL SPRINKLER HEADS.
3. SPRINKLER VALVE STATION:
    - A. PROVIDE APPROVED AUTOMATIC VALVE STATION WITH OS&Y SHUT OFF VALVE, ALARM VALVE, MAIN ALARM CHECK VALVE WITH VARIABLE PRESSURE TRIMMING, INCLUDING WATER PRESSURE GAUGES, RELATED CHAMGER, ALARM TEST LINE WITH VALVE, DRAIN LINES WITH VALVES, OUTSIDE WATER ALARM, ETC.
    - B. WET PIPE ALARM CHECK VALVE:
        - a. SHALL BE DESIGNED FOR VERTICAL INSTALLATION. VALVE SHALL BE UL LISTED & FM APPROVED, IRON BODY, BRONZE MOUNTED, VARIABLE PRESSURE TYPE WITH RETARDING CHAMBERS. PROVIDE WITH BASIC TRIMMINGS FOR ALARM TEST BY PASS, GAUGES, DRAIN CONNECTIONS, MOUNTING SUPPORTS FOR RETARDING CHAMBER, DRIP FULLE & PRESSURE SENSITIVE ALARM SWITCH TO ACTUATE THE FIRE ALARM SYSTEM.
    - C. WATER MOTOR ALARM:
        - a. PROVIDE ALARMS OF THE APPROVED WEATHERPROOF & GUARD TYPE, TO SOUND LOCALLY ON FLOW OF WATER IN SPRINKLER SYSTEM CONNECTED TO. MOUNT ALARMS ON OUTSIDE OF OUTER WALL OF BUILDING AT LOCATIONS INDICATED ON DRAWINGS.
    - D. INSPECTOR'S TEST CONNECTION: PROVIDE TEST CONNECTIONS APPROXIMATELY 6 FEET A.F.F. FOR EACH SPRINKLER SYSTEM EQUIPPED WITH AN ALARM DEVICE & LOCATE AT HYDRAULLICALY MOST REMOTE PART OF EACH SYSTEM. TEST CONNECTION PIPING SHALL BE LOCATED WHERE DISCHARGE IS READILY VISIBLE & WATER DISCHARGED WITHOUT DAMAGE. COORDINATE EXACT LOCATION IN FIELD WITH ARCHITECT, OWNER & GENERAL CONTRACTOR.
    - E. MAIN DRAINS:
        - a. PROVIDE DRIAN PIPING TO DISCHARGE AT SAFE POINT OUTSIDE OF BUILDING. PROVIDE AUXILIARY DRAINS AS REQUIRED BY NFPA 13.
    - F. FLOW SWITCHES:
        - a. FLOW SWITCH SHALL BE PADDLE TYPE, DESIGNED FOR IMMERSION IN WATER & VERTICAL & HORIZONTAL PIPE MOUNTING. SWITCH SHALL BE NORMALLY OPEN TYPE WITH TWO SINGLE POLE, DOUBLE THROW SWITCHES, PNEUMATIC RETARD (ADJUSTABLE) & 120 VOLT POWER. SWITCH SHALL BE UL LISTED & FM APPROVED.
        - b. PROVIDE AT EACH RISER CONNECTION & EACH FLOOR CONTROL ASSEMBLY TOGETHER WITH AN INSPECTOR'S TEST CONNECTION.
    - G. SUPERVISORY & TAMPER SWITCHES:
        - a. VALVE SUPERVISORY SWITCHES SHALL BE DESIGNED FOR VALVE MOUNTING, VERTICAL & HORIZONTAL. SWITCH SHALL BE NORMALLY CLOSED TYPE, CAPABLE OF DETECTING ANY MOTION FROM THE VALVE FULL OPEN POSITION. PROVIDE AT FIRE WATER BACKFLOW PREVENTER. SWITCH SHALL BE UL LABLED & FM APPROVED.
        - b. ALL VALVES SHALL HAVE TAMPER SWITCHES.
        - c. ALL BUTTERFLY & BALL VALVES SHALL HAVE INTEGRAL NORMALLY OPEN & NORMALLY CLOSED CONTACTS.
        - d. OS&Y VALVES SHALL HAVE ROLLER TANGENT TYPE SWITCH, PLUNGER TYPE TAMPER SWITCHES NOT ACCEPTABLE.
    - H. TAMPER SWITCHES:
4. VALVE TAGS:
    - A. BRASS PLATE, INTEGRAL LEGIBLE 1/4" HIGH DIE STAMPED IDENTIFICATION.
    - B. PROVIDE CHAIN LOOPED THRU TAG & VALVE WHEEL FOR EACH VALVE.
5. SIAMESE FIRE DEPARTMENT CONNECTION:
    - A. PROVIDE WALL AND/OR REMOTE MOUNTED SIAMESE FIRE DEPARTMENT CONNECTION WITH CHROME PLATED FINISH, LOCAL FIRE DEPARTMENT THREADS, DUST CAPS & CHAINS, 3/4" AUTOMATIC DRIP, MARKED "SPRINKLER - FIRE DEPARTMENT CONNECTION" ON CHROME PLATED PLACARD WITH RAISED CHROME LETTERS. CONTRACTOR SHALL COORDINATE WITH LOCAL FIRE DEPARTMENT TO MATCH SIZE & TYPE TRHEADS. FDC SHALL BE SUFFICEINT TO PROVIDE FLOW REQUIRED BY SPRINKLER SYSTEM DEISNG.
6. AIR SUPPLY SYSTEM:
    - A. PROVIDE COMPRESSED AIR SUPPLY SYSTEM FOR DRY PIPE SPRINKLER SYSTEM.
    - B. PROVIDE AIR COMPRESSOR SPECIFICALLY APPROVED FOR DRY PIPE SPRINKLER SYSTEM WITH UL LISTED & FM APPROVED DRY VALVES. COMPRESSOR SHALL MAINTAIN REQUIRED OPERATING PRESSURE IN DRY SYSTEM.
    - C. PROVIDE AN AUTOMATIC AIR PRESSURE MAINTENANCE DEVICE TO AUTOMATICALLY REDUCE PRESSURE & SUPPLY AIR TO SPRINKLER SYSTEM AT SET REQUIREMENT. AIR MAINTENANCE DEVICE SHALL INCLUDE PRESSURE REGULATOR, 1/2' VALVE BYPASS, RELIEF VALVE, PRESSURE GAUGE, AIR SUPERVISORY SWITCH & PIPE, FITTINGS, VALVES & ACCESSORIES REQUIRED TO PROVIDE A NEAT, ORDERLY, COMPACT & COMPLETE OPERABLE SYSTEM.
    - D. AIR COMPRESSOR SHALL BE UL 2125 LISTED FOR FIRE PROTECTION, 1 HP, TANK MOUNTED, OIL LESS TYPE AIR COMPRESSOR, MINIMUM TANK SIZE OF 10 GALLONS OR INLINE PIPE MOUNTED, HIGH VOLUME TYPE, SINGLE UNIT, ELECTRIC MOTOR DRIVEN, ASME RATED HORIZONTAL RECEIVER TANK, AIR PRESSURE OPERATED ELECTRIC SWITCH, MOTOR, MOTOR STARTER, SAFETY VALVES, CHECK VALVES, AUTOMATIC TANK DRAIN, MUFFLER FILTER, BELT GUARD & CONTROLS CAPABLE OF REQUIRED FREE AIR DELIVERY FROM 0 TO 40 PSIG WITHIN 30 MINUTES OF START.
7. GENERAL & INSTALLATION:
    - A. HIGH POINTS OF SYSTEM SHALL BE VENTED & LOW POINTS SHALL BE PROVIDED WITH PLUGGED DRAINS.
    - B. DIELECTRIC JOINTS SHALL BE INSTALLED AT PIPE JOINTS WITH DISIMILAR METALS EXCEPT VALVES.
    - C. PIPE SLEEVES & ESCUTCHEON PLATES SHALL BE PROVIDED WHERE PIPES PASS THROUGH MASONRY OR CONCRETE WALLS, ROOFS, PARTITIONS.
    - D. PIPE HANGERS SHALL BE PROVIDED WITH ROD DIAMETERS & SPACING IN ACCORDANCE WITH NFPA 13.
    - E. ALL EXPOSED PIPING SHALL BE PAINTED RED.
    - F. LABEL FIRE SPRINKLER PIPING EVERY 20' WITH PIPE LABEL.
    - G. INSTALL PIPING IN ACCORDANCE WITH NFPA 13 FOR SPRINKLER SYSTEMS, NFPA 14 FOR STANDPIPE & HOSE SYSTEMS & NFPA 24 FOR SERVICE MAINS.
    - H. ROUTE PIPING IN ORDERLY MANNER, PLUMB & PARALLEL TO BUILDING STRUCTURE, INSTALL PIPING TO CONSERVE SPACE & NOT INTERFERE WITH OTHER TRADES, GROUP PIPING TOGETHER WHENEVER PRACTICAL, INSTALL PIPING TO ALLOW FOR EXPANSION & CONTRACTION, SLOPE PIPING AND ARRANGE SYSTEMS TO DRAIN AT LOW POINTS, PREPARE PIPING, FITTINGS, SUPPORTS & HANGERS FOR FINISH PAINTING.
    - I. DO NOT PENETRATE BUILDING STRUCTURAL MEMBERS WITHOUT APPROVAL FROM STRUCTURAL ENGINEER.
    - J. INSTALL VALVES WITH STEMS UPRIGHT OR HORIZONTAL, NOT INVERTED.
    - K. PROVIDE GATE, BALL OR BUTTERFLY VALVES FOR SHUT OFF & ISOLATING SERVICE.
    - L. PROVIDE DRAIN VALVES AT MAIN SHUT OFF VALVES, LOW POINTS OF PIPING & APPARATUS.
    - M. PROVIDE SPRINKLER HEAD CABINET & EXTRA STOCK OF SPRINKLER HEADS & TOOLS AS REQUIRED BY NFPA 13.
    - N. PROVIDE ALL REQUIRED HANGERS, SUPPORTS, ANCHORS, THRUST BLOCKS, ETC. IN ACCORDANCE WITH NFPA 13 & BUILDING CODES.
    - O. PROVIDE PRESSURE GAUGES UPSTREAM & DOWNSTREAM OF RISER CHECK VALVES.
8. SYSTEM TESTING & FLUSHING:
    - A. TESTING, CLEANING & FLUSHING SHALL BE IN ACCORDANCE WITH NFPA REQUIREMENTS.
    - B. INSTALLING CONTRACTOR SHALL COMPLETE & SIGN APPROPRIATE CONTRACT'S MATERIAL & TEST CERTIFICATES INCLUDED WITHIN NFPA 13 & 14.
    - C. SYSTEM SHALL BE TESTED AT MINIMUM 200 PSI FOR 2 HOURS.
9. TRAINING:
    - A. CONTRACTOR SHALL PROVIDE TRAINING BY A COMPENTENT, QUALIFIED, TRAINED & EXPERIENCED AGENT TO TRAIN & ACQUAINT THE OWNER WITH PROPER FUNCTIONING, OPERATION & MAINTENANCE OF THE FIRE PROTECTION SYSTEMS & COMPONENTS.
    - B. TESTING & TRAINING IN ACCORDANCE WITH NFPA 25.
10. SUBMITTALS:
    - A. PRODUCT DATA: SUBMIT MANUFACTURER'S DATA ON SPRINKLER SYSTEM COMPONENTS, INCLUDING ALL DEVICES & MATERIAL (SPRINKLER HEADS, FITTINGS, VALVES, COUPLINGS, HANGERS, TAMPER & FLOW SWITCHES, PIPING MATERIAL, JOINING METHOD, AIR COMPRESSOR, ETC.).
    - B. SUBMIT SHOP DRAWINGS WITH ALL DEVICES SHOWN IN LOCATION WHERE THEY ARE TO BE INSTALLED.
    - C. SUBMITTAL TO INCLUDE ALL OF THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTIION.
    - D. SHOP DRAWINGS SHALL BE ON 24" x 36" SHEETS DRAWN TO MINIMUM 1/8" = 1'-0" SCALE.
    - E. SUBMITALL SHALL INCLUDE COMPLETE LAYOUTS, CAPACITY DATA, DIMENSIONS & ALL OTHER PERTINENT INFORMATION REQUIRED FOR ENGINEER TO PROPERLY REVIEW & EVALUATE THE FIRE PROTECTION SYSTEM.
    - F. VALVE DIAGRAM:
        - a. LOCATION OF ALL CONTROL VALVES, DRAIN VALVES, MANUAL AIR RELASE VALVES SHALL BE CLEARLY MARKED ON DIAGRAM OF SPRINKLER SYSTEM.
        - b. DIAGRAM SHALL BE 11"x17" & SHALL BE INSTALLED IN PHOTO FRAME & MOUNTED ON WALL IN RISER ROOM.



GENERAL NOTES:
1. RISER CHECK VALVE AND ALL NECESSARY TRIM TO BE INSTALLED AS PER THE REQUIREMENTS AND RECOMMENDATIONS OF NFPA 13 AND ALL STATE AND LOCAL CODES TO PROVIDE A COMPLETE AND FUNCTIONAL WET PIPE SPRINKLER RISER.
2. PROVIDE IN-BUILDING RISER FOR PIPING INTO BUILDING, SIZED TO MATCH PIPE SIZE. RISER FITTINGS UNDER FOUNDATION & UP ABOVE GRADE INTO BUILDING WITHOUT JOINTS OR FITTINGS. INLET PIPE PROVIDED WITH COUPLER FOR CONNECTION TO SUPPLY PIPING (AWWA C900 PVC & DUCTILE IRON PIPE, REFER TO CIVIL ENGINEERING DRAWINGS & SPECIFICATIONS FOR SITE PIPING MATERIAL) & OUTLET PIPING WITH STANDARD GROOVED END CONNECTION (AWWA C6060) FOR CONNECTION TO INDOOR FIRE WATER PIPING. LEAD FREE CONSTRUCTION, UL LISTED & FM APPROVED IN ACCORDANCE WITH NFPA 24, CORROSION RESISTANT TYPE 304 STAINLESS STEEL CONSTRUCTION & 200 PSI MAXIMUM WORKING PRESSURE. IN-BUILDING RISER SHALL BE AMES SERIES IBR OR APPROVED EQUAL.

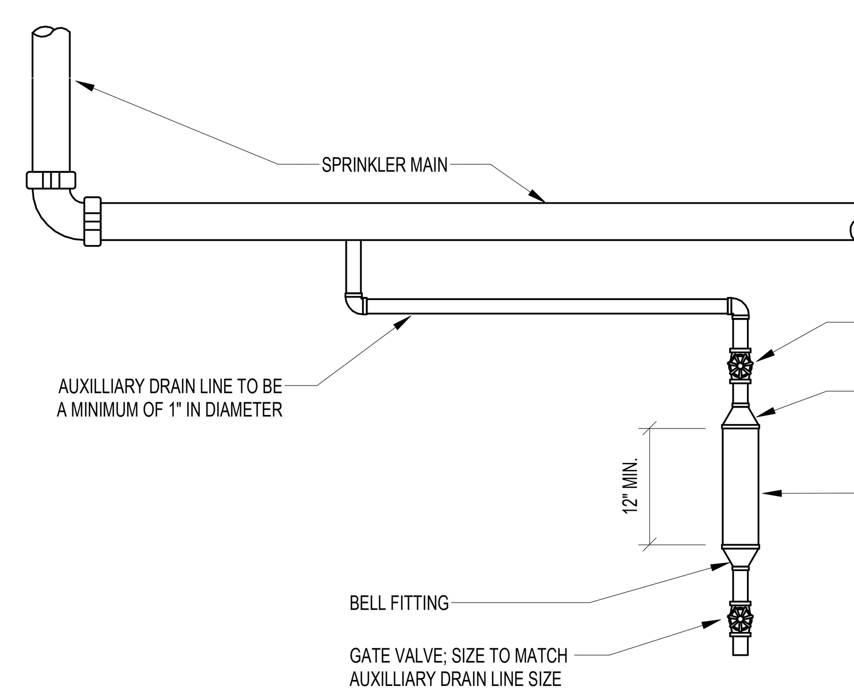
1 DETAIL - WET SPRINKLER RISER
N.T.S.



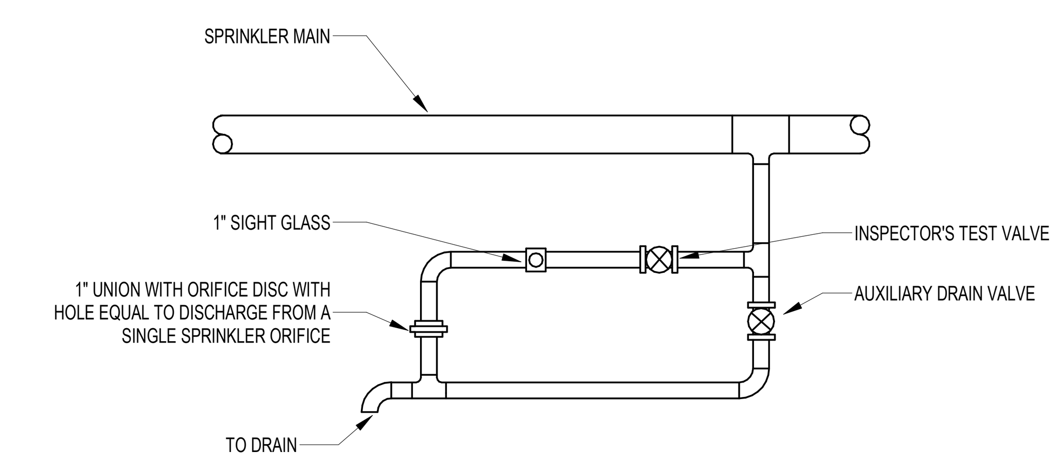
PIPE SIZE	"A" PLUGS & TEES	"B" 90º BENDS	"C" 45º BENDS	"D" 22.25º & 11.25º BENDS	DEPTH OF BLOCK
6"	1'-3"	2'-0"	1'-6"	1'-0"	1'-0"
8"	1'-3"	2'-4"	1'-10"	1'-3"	1'-3"
10"	1'-3"	2'-4"	1'-10"	1'-3"	1'-3"

GENERAL NOTES:
1. CONCRETE BLOCK SHALL BEAR AGAINST PLUG OR BLIND FLANGE ONLY AND SHALL NOT ENCASE TEE OR CROSS.
2. ALL BENDS, TEES, WYES, AND PLUGS TO HAVE STANDARD BLOCKING AS PER SCHEDULE AND DETAIL DIMENSION "X" TO BE A MINIMUM OF 1'-0"; DIMENSION TO BE INCREASED WHERE NECESSARY TO PROVIDE BEARING AGAINST UNDISTURBED TRENCH WALL.

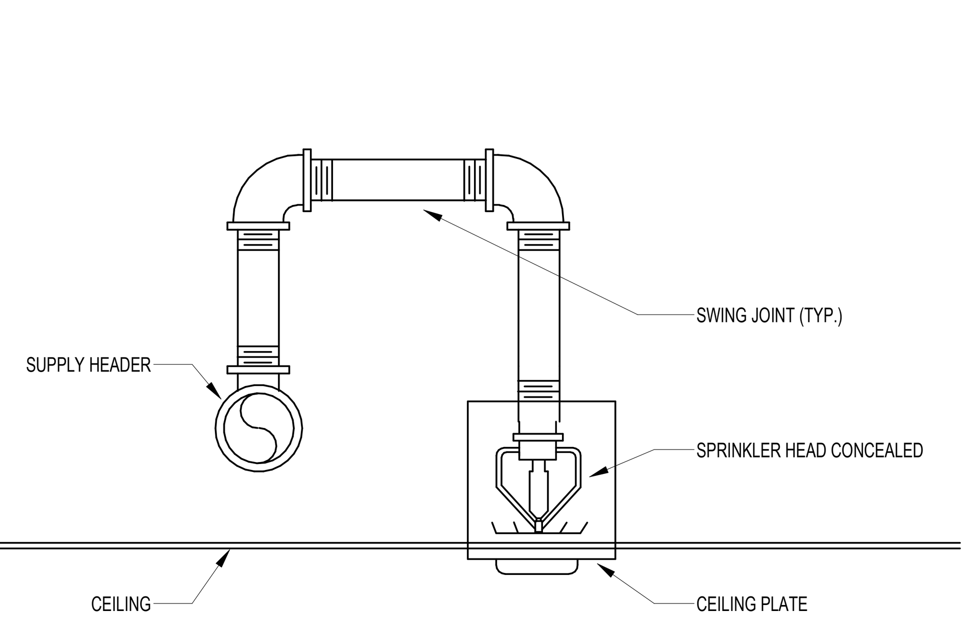
2 DETAIL - CONCRETE THRUST BLOCKS
N.T.S.



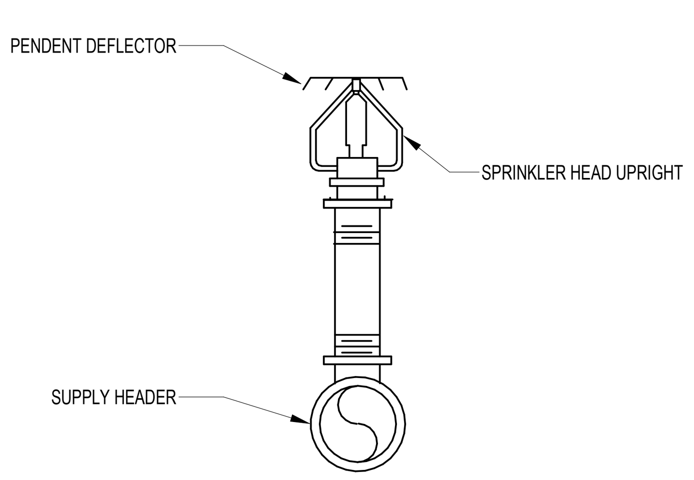
3 DETAIL - LOW POINT AUXILLIARY DRAIN
N.T.S.



4 DETAIL - INSPECTOR'S TEST VALVE
N.T.S.

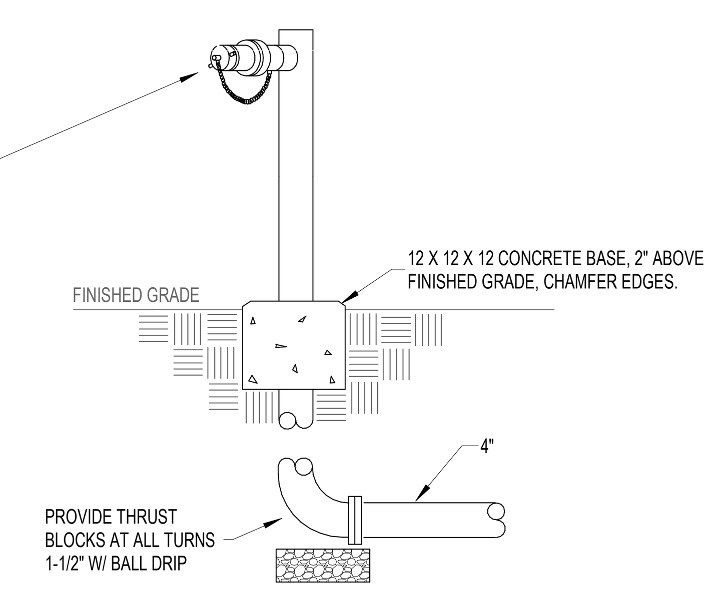


5 DETAIL - CONCEALED SPRINKLER HEAD
N.T.S.



6 DETAIL - UPRIGHT SPRINKLER HEAD
N.T.S.

CHROME PLATED PEDESTAL SIAMESE FIRE DEPARTMENT CONNECTION W/ CHROME PLATED DUCT CAPS & CHAINS.FIRE DEPARTMENT CONNECTION INLETS SHALL BE 2-1/2" CONNECTIONS USING NH INTERNAL THREADED SWIVEL FITTINGS WITH 2.5-7.5 NH STANDARD THREAD AS SPECIFIED IN NFPA 1963, LOCAL FIRE DEPARTMENT & AHJ SHALL HAVE FINAL APPROVAL OF THREAD REQUIREMENTS & CONNECTION TYPE. REFER TO CIVIL ENGINEERING UTILITY DRAWINGS FOR CONTINUATION. COORDINATE EXACT LOCATION & QUANTITY OF REMOTE PEDESTAL MOUNTED FDC'S WITH LOCAL FIRE DEPARTMENT, LOCAL AHJ, ARCHITECT & GENERAL CONTRACTOR.



FIRE DEPARTMENT CONNECTION NOTES:
1. QUANTITY OF 2-1/2" HOSE VALVE CONNECTIONS:
    - A. PROVIDE NUMBER OF FIRE DEPARTMENT 2-1/2" HOSE CONNECTIONS AS REQUIRED BY NFPA 13.
    - B. PROVIDE ONE OR MORE FIRE DEPARTMENT CONNECTIONS (FDCs) FOR EACH ZONE OF EACH CLASS I OR CLASS III STANPIPE SYSTEMS.
    - C. A MINIMUM OF ONE FDC SHALL BE REQUIRED FOR ANY STANDPIPE SYSTEM.
    - D. TWO (2) FDCs SHALL BE PROVIDED FOR EACH ZONE, EITHER ON OPPOSITE CORNERS OF THE BUILDING WHERE FIRE DEPARTMENT APPARATUS ACCESS IS PROVIDED OR, WHERE INSTALLATION NOT POSSIBLE, PHYSICALLY SEPARATED TO GREATEST EXTENT POSSIBLE FOR THE FOLLOWING:
        - a. HIGH-RISE BUILDINGS.
        - b. BUILDINGS OR MULTIPLE ATTACHED BUILDINGS EXCEEDING 900' PERIMETER DISTANCE.
        - c. FDC SHALL BE VISIBLE & RECOGNIZALBE & LCOATED WITHIN 50' OF THE STREET OR NEAREST POINT OF FIRE DEPARTMENT APPARATUS ACCESS.
        - d. FDC SIZES SAHLL BE BASED ON STANDPIPE SYSTEM DEMAND & SHALL INCLUDE ONE 2-1/2" INLET PER 250 GPM.
2. PROVIDE PERMANENT SIGNS AT EACH FDC LABLELED & INSTALLED IN ACCORDANCE WITH NFPA 13 & NFPA 14.
3. FDC SHALL BE LOCATED MINIMUM 18" & MAXIMUM 48" ABOVE ADJOINING GRADE FINISHED SURFACE ELEVATION.
4. FDC ABOVE GRADE SHALL BE ONE SINGLE UNIT. GALVANIZED PIPE STUBBED UP ABOVE GRADE WITH CHROME PLATED "HEAD" SHALL NOT BE ACCEPTABLE.
5. COAT PIPING IN CONTACT WITH CONCRETE WITH TWO LAYERS OF MASTIC (NOT VISIBLE ABOVE CONCRETE PAD).

7 DETAIL - PEDESTAL MOUNTED FIRE DEPARTMENT CONNECTION
1/8" = 1'-0"

PARISH ENGINEERING
7600 Innovation Park Drive 225.332.0222
Baton Rouge, LA 70820 parisheng.com| #24-109

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SPRINKLER COVER SHEET

CITY OF OPELOUSAS

SOUTH CITY PARK CENTER

South City Park, 1524 Market St, Opelousas, LA 70570 St. Landry Parish

PROJECT ID: 20231117

db ARCHITECTURE OF ACADIANA, LLC
TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

STATE OF LOUISIANA GRANT T. M[illegible] LICENSE NO. [illegible] PROFESSIONAL ENGINEER IN MECHANICAL ENGINEERING 01/17/2025

PROJECT NUMBER: 20231117
DATE: 01/17/2025
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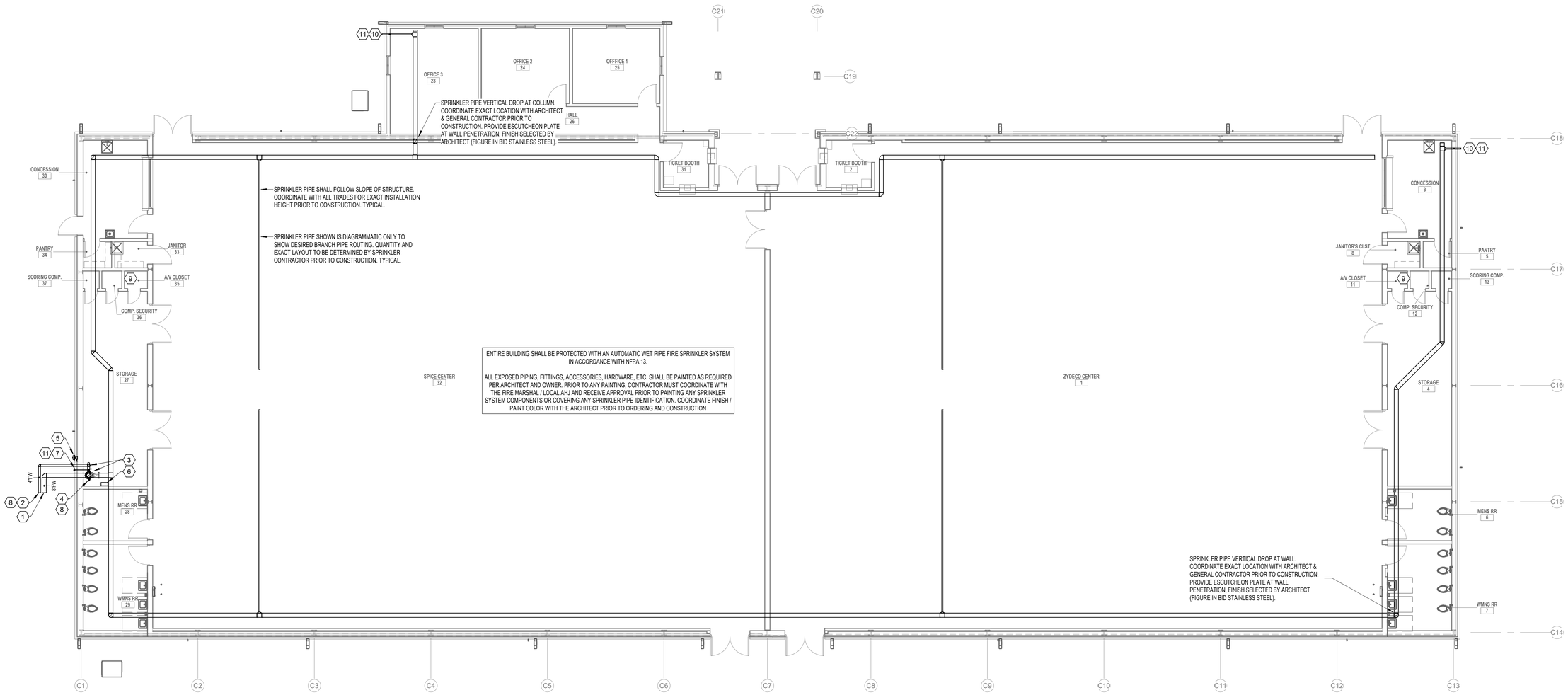


1 SPRINKLER PLAN

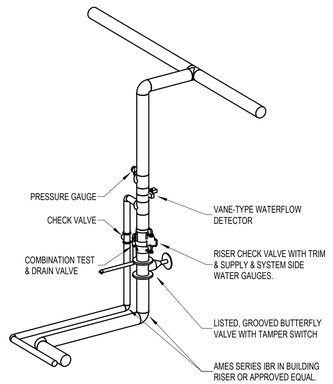
1/8" = 1'-0"

SPRINKLER KEY NOTES

1. 8" FIRE WATER LINE (6" FIRE WATER LINE ACCEPTABLE UPON HYDRAULIC CALCULATION SHOWING SUFFICIENT SIZE FOR FLOW/PRESSURE AVAILABLE) FROM DOUBLE CHECK VALVE DETECTOR ASSEMBLY BACKFLOW PREVENTER LOCATED IN INSULATED ALUMINUM HEATED BOX ENCLOSURE (LOCATED IN SAME ENCLOSURE AS DOMESTIC WATER BFP). DCDA BFP SHALL BE WATTS MODEL 757DCDA OR PRIOR APPROVED EQUAL. REFER TO PLUMBING DRAWINGS FOR BFP ENCLOSURE SPECIFICATIONS & COORDINATE WITH PLUMBING CONTRACTOR FOR EXACT SIZE PRIOR TO BID. COORDINATE WITH FIRE ALARM CONTRACTOR FOR INTERCONNECTION OF ALL REQUIRED TAMPER SWITCHES. REFER TO CIVIL ENGINEERING UTILITY DRAWINGS FOR CONTINUATION & EXACT LOCATION OF BACKFLOW PREVENTERS & ENCLOSURE.
2. 4" FIRE WATER LINE TO REMOTE MOUNTED PEDESTAL MOUNTED FIRE DEPARTMENT CONNECTION. FIRE DEPARTMENT CONNECTION SHALL BE THREE WAY INLETS, CAST BRASS BOTTOM OUTLET, 18" HIGH BRASS SEAMLESS TUBING BRASS BRANDED PLATE, CAST BRASS PLUGS, POLISHED CHROME PLATED FINISH & CHROME PLATED DUCT CAPS WITH CHAINS. FIRE DEPARTMENT CONNECTION INLETS SHALL BE 2-1/2" CONNECTIONS USING NH INTERNAL THREADED SWIVEL FITTINGS WITH 2.5-7.5 NH STANDARD THREAD AS SPECIFIED IN NFPA 1963, LOCAL FIRE DEPARTMENT & AHJ SHALL HAVE FINAL APPROVAL OF THREAD REQUIREMENTS & CONNECTION TYPE. REFER TO CIVIL ENGINEERING UTILITY DRAWINGS FOR CONTINUATION. COORDINATE EXACT LOCATION & QUANTITY OF REMOTE PEDESTAL MOUNTED FDC'S WITH LOCAL FIRE DEPARTMENT, LOCAL AHJ, ARCHITECT & GENERAL CONTRACTOR.
3. PROVIDE IN-BUILDING RISER FOR PIPING INTO BUILDING, SIZED TO MATCH PIPE SIZE. RISER FITTINGS UNDER FOUNDATION & UP ABOVE GRADE INTO BUILDING WITHOUT JOINTS OR FITTINGS. INLET PIPE PROVIDED WITH COUPLER FOR CONNECTION TO SUPPLY PIPING (AWWA C900 PVC & DUCTILE IRON PIPE, REFER TO CIVIL ENGINEERING DRAWINGS & SPECIFICATIONS FOR SITE PIPING MATERIAL) & OUTLET PIPING WITH STANDARD GROOVED END CONNECTION (AWWA C606G) FOR CONNECTION TO INDOOR FIRE WATER PIPING. LEAD FREE CONSTRUCTION, UL LISTED & FM APPROVED IN ACCORDANCE WITH NFPA 24. CORROSION RESISTANT TYPE 304 STAINLESS STEEL CONSTRUCTION & 200 PSI MAXIMUM WORKING PRESSURE. IN-BUILDING RISER SHALL BE AMES SERIES IBR OR APPROVED EQUAL.
4. WET PIPE SPRINKLER RISER, REFER TO DETAILS.
5. ALARM BELL. PROVIDE STROBE LIGHT WHERE REQUIRED BY AHJ. COORDINATE EXACT LOCATION WITH LOCAL FIRE DEPARTMENT, ARCHITECT & GENERAL CONTRACTOR PRIOR TO INSTALLATION.
6. PROVIDE CABINET FOR EXTRA SPRINKLER HEADS & SUITABLE WRENCH AS PER NFPA.
7. TEST & DRAIN OUTLET. COORDINATE EXACT QUANTITY & LOCATION WITH ARCHITECT & GENERAL CONTRACTOR PRIOR TO ROUGH IN. TYPICAL.
8. COORDINATE WITH ELECTRICAL & FIRE ALARM CONTRACTOR FOR ALL TAMPER SWITCHES, FLOW SWITCHES, PRESSURE SWITCHES, ETC. TYPICAL.
9. SPRINKLER MAIN PIPING SHALL NOT BE ROUTED ABOVE ANY ELECTRICAL, IT OR SERVER ROOMS. TYPICAL.
10. PROVIDE AUXILIARY TEST & DRAIN OUTLET FOR PROPER DRAINAGE OF SYSTEM, SLOPE PIPING TO DRAIN(S) & PROVIDE ADDITIONAL DRAINS AS REQUIRED. PROVIDE ACCESS PANEL(S) ON WALL OR CEILING AS REQUIRED FOR DRAIN VALVE & SIGHT GLASS ACCESS. ACCESS PANEL SHALL HAVE PERMANENT NAME PLATE "SPRINKLER TEST & DRAIN VALVE". COORDINATE WITH ARCHITECT FOR WALL/CEILING TYPE & ACCESS PANEL TYPE, FINISH & COLOR. TYPICAL. COORDINATE EXACT LOCATION OF DRAIN & TEST OUTLETS & ACCESS PANEL WITH ARCHITECT & GENERAL CONTRACTOR PRIOR TO ROUGH-IN.
11. PROVIDE CONCRETE SPLASH BLOCK UNDER TEST/DRAIN OUTLET PIPING, TYPICAL.

OCCUPANCY & CLASSIFICATION

1. HAZARD CLASSIFICATION: (IN ACCORDANCE WITH 2022 NFPA 13 A.4.3.3.2.
   A. ALL AREAS OF THE BUILDING ARE ORDINARY HAZARD EXCEPT THE FOLLOWING:
      a. ORDINARY HAZARD GROUP 2: MISC. STORAGE ROOMS & COVERED AREA.



2 3D RENDERING - SPRINKLER RISER

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SPRINKLER PLAN

CITY OF OPELOUSAS

SOUTH CITY PARK CENTER

South City Park, 1524 Market St, Opelousas, LA 70570 St. Landry Parish

PROJECT ID: 20231117

db | ARCHITECTURE OF ACADIANA, LLC

TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

PARISH ENGINEERING
7600 Innovation Park Drive
Baton Rouge, LA 70820
225.332.0222
parisheng.com | #24-109

STATE OF LOUISIANA · GRANT J. PARISH · 36141 · LICENSED PROFESSIONAL ENGINEER · MECHANICAL ENGINEERING
01/17/2025

PROJECT NUMBER: 20231117

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ABBREVIATIONS

A	AMPERE(S)	CATV	CABLE TELEVISION	EF	EXHAUST FAN	FOC	FIBER OPTIC CABLE	MCB	MAIN CIRCUIT BREAKER	NO	NORMALLY OPEN	SF	SUPPLY FAN	UGS	UNDERGROUND SECONDARY
AC	ABOVE COUNTER (6" ABOVE BACKSPLASH)	CB	CIRCUIT BREAKER	EGC	EQUIPMENT GROUNDING CONDUCTOR	G, GND	GROUND	MCM/KCMIL	1,000 CIRCULAR MILS	NU	WEATHERPROOF IN-USE COVER	S/N	SOLID NEUTRAL	UH	UNIT HEATER
AF	AMPERE(S) FUSED	CKT	CIRCUIT	EMER.	EMERGENCY	GEC	GROUNDING ELECTRODE CONDUCTOR	MECH.	MECHANICAL	OH	OVERHEAD	SPD	SURGE PROTECTIVE DEVICE	UL	UNDERWRITER'S LABORATORY, INC.
AFCI	ARC FAULT CIRCUIT INTERRUPTER	CLG	CLG	EMT	ELECTRICAL METALLIC TUBING	GFCI	GROUND FAULT CIRCUIT INTERRUPTER	MH	MANHOLE	OHE	OVERHEAD ELECTRICAL	STD	STANDARD	UON	UNLESS OTHERWISE NOTED
AFF	ABOVE FINISHED FLOOR	CORR	CORRIDOR	EQ	EQUAL	GRS	GALVANIZED RIGID STEEL	MLO	MAIN LUGS ONLY	OSP	OUTSIDE PLANT	TEL	TELEPHONE	V	VOLTS
AFG	ABOVE FINISHED GRADE	CT	CURRENT TRANSFORMER	EQUIP.	EQUIPMENT	HH	HANDHOLE	MOCP	MAXIMUM OVERCURRENT PROTECTION	UPP	UTILITY POWER POLE	TELECOM	TELECOMMUNICATIONS	VAC	VOLTS ALTERNATING CURRENT
AIC	AMP SYMMETRICAL INTERRUPTING CAPACITY RMS	CTRL	CONTROLLER	EWC	ELECTRIC WATER COOLER	HP	HORSEPOWER	MTD	MOUNTED	PB	PULL BOX	TGB	TELECOMMUNICATIONS GROUND BUS	VDC	VOLTS DIRECT CURRENT
AT	AMPERE(S) TRIP	D	TO BE DEMOLISHED	EWH	ELECTRIC WATER HEATER	KAIC	1,000 AMP SYMMETRICAL INTERRUPTING CAPACITY RMS	MTG	MOUNTING	PH	PHASE	TMGB	TELECOMMUNICATIONS MAIN GROUND BUS	VFD	VARIABLE FREQUENCY DRIVE
AWG	AMERICAN WIRE GAUGE	DISC.	DISCONNECT	EXIST.	EXISTING	KWH	1,000 WATT HOURS	NC	NORMALLY CLOSED	PNL	PANEL	TTB	TELECOM TERMINAL BOARD	WH	WATER HEATER
BG	BELOW GRADE	DIST.	DISTRIBUTION	FACP	FIRE ALARM CONTROL PANEL	KVA	1,000 VOLT AMPERES	NEC	NATIONAL ELECTRICAL CODE	PV	PHOTOVOLTAIC	TV	TELEVISION	WP	WEATHERPROOF
BLDG	BUILDING	DWG	DRAWING	FACPRA	FIRE ALARM CONTROL PANEL REMOTE ANNUNCIATOR	LAN	LOCAL AREA NETWORK	NEU	NEUTRAL	PVC	POLYVINYL CHLORIDE	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSION	XFMR	TRANSFORMER
BKR	BREAKER	E	EXISTING TO REMAIN	FC	FOOTCANDLE	LC	LIGHTING CONTACTOR	NF	NON-FUSED	QTY	QUANTITY	TYP.	TYPICAL		
C	CONDUIT	EC	EMPTY CONDUIT	FCU	FAN COIL UNIT	LTG	LIGHTING	NIC	NOT IN CONTRACT	RCPT	RECEPTACLE	UG	UNDERGROUND		
CAT	CATEGORY	ECB	ENCLOSED CIRCUIT BREAKER	FLA	FULL LOAD AMPERE(S)	MCA	MINIMUM CIRCUIT AMPACITY	NL	NIGHT LIGHT	REQ'D	REQUIRED	UGP	UNDERGROUND PRIMARY		

ALL SYMBOLS, ABBREVIATIONS, AND NOTES ABOVE ARE TYPICAL AND ARE NOT NECESSARILY USED IN THESE CONSTRUCTION DOCUMENTS

ELECTRICAL SYMBOL LEGEND

(REFER TO DRAWINGS AND SPECIFICATIONS FOR FURTHER REQUIREMENTS)

GENERAL

- (1) KEYNOTE
- A-1,3 CIRCUIT TAG; PANEL AND CIRCUIT DESIGNATION AS INDICATED; E.G. PANEL "A", CIRCUIT #1,3

WIRE, CONDUIT, AND RACEWAY

- ABOVE-SLAB CONDUIT & WIRE/CABLING
- BELOW-SLAB CONDUIT & WIRE/CABLING; 3/4" MINIMUM CONDUIT SIZE UON
- HOMERUN TO PANEL; TICK MARKS INDICATED NUMBER OF WIRES

DISTRIBUTION

- PANELBOARD, SWITCHBOARD, OR OTHER DISTRIBUTION EQUIPMENT AS NOTED; INSTALL WITH SUFFICIENT WORKING SPACE AND CLEARANCES TO MEET ALL REQUIREMENTS OF NEC SECTION 110.26.
- GEN-ANNC GENERATOR REMOTE ANNUNCIATOR PANEL; PROVIDE CONDUIT/CABLING TO GENERATOR AS REQUIRED PER THE MANUFACTURER'S SPECIFICATIONS.

EQUIPMENT CONNECTIONS

(PROVIDE CONDUIT AND WIRE PER THE PANEL SCHEDULE)

- FUSED SAFETY DISCONNECT SWITCH; LOCATE WITHIN SIGHT OF THE EQUIPMENT SERVED WITH 36" MINIMUM CLEAR WORKING SPACE IN FRONT OF THE SWITCH; DO NOT MOUNT DIRECTLY TO EQUIPMENT
- (J) JUNCTION BOX
- [M] JUNCTION BOX FOR MOTORIZED DAMPER
- S M MOTOR RATED SWITCH WITH THERMAL OVERLOAD; LOCATE WITHIN SIGHT OF THE EQUIPMENT SERVED; DO NOT MOUNT DIRECTLY TO EQUIPMENT; WHEN LOCATED ABOVE CEILING, MOUNT TO STRUCTURAL MEMBER NEARBY.
- ELECTRICAL MOTOR, HORSEPOWER AS NOTED

POWER DEVICES

(PROVIDE CONDUIT AND WIRE PER THE PANEL SCHEDULE)

- DUPLEX RECEPTACLE
- DUPLEX RECEPTACLE MOUNTED FLUSH TO CEILING OR MOUNTED TO STRUCTURE IN AREAS WITH NO CEILING; SUBSCRIPT (WHEN USED): CR - CORD REEL
- ABOVE-COUNTER DUPLEX RECEPTACLE; MOUNT AT 6" ABOVE COUNTER OR BACKSPLASH OR 44" (WHICHEVER IS LOWER)
- GFCI DUPLEX RECEPTACLE
- ABOVE-COUNTER GFCI DUPLEX RECEPTACLE; MOUNT AT 6" ABOVE COUNTER OR BACKSPLASH OR 44" (WHICHEVER IS LOWER)
- QUADRAPLEX RECEPTACLE
- ABOVE-COUNTER QUADRAPLEX RECEPTACLE; MOUNT AT 6" ABOVE COUNTER OR BACKSPLASH OR 44" (WHICHEVER IS LOWER)
- SPECIAL PURPOSE RECEPTACLE; VERIFY NEMA CONFIGURATION WITH THE MANUFACTURER OF THE EQUIPMENT SERVED
- VOICE/DATA/POWER FLUSH FLOOR BOX
- DUPLEX RECEPTACLE FLUSH FLOOR BOX
- QUADRAPLEX RECEPTACLE FLUSH FLOOR BOX
- RECEPTACLE SWITCHING; EDGE SHADING INDICATES: NONE - DEVICE NOT SWITCHED; LEFT - BOTTOM (DUPLEX) OR LEFT TWO (QUAD) SWITCHED; RIGHT - TOP (DUPLEX) OR RIGHT TWO (QUAD) SWITCHED

PUBLIC ADDRESS

(PROVIDE 3/4"EC WITH PULL STRING FROM THE DEVICE LOCATION SHOWN ON THE DRAWINGS TO AN ACCESSIBLE LOCATION ABOVE CEILING)

- (PA) PA SYSTEM SPEAKER
- [V] PA SYSTEM SPEAKER VOLUME CONTROL
- [I] PA SYSTEM SPEAKER MOUNT CALL-IN SWITCH

TELECOMMUNICATIONS

(JACKET COLORS TO BE PER THE OWNER'S STANDARDS IF APPLICABLE)

- TELECOM TERMINAL BOARD; 0'-1" THICK AC INDOOR GRADE, FIRE RETARDANT PLYWOOD, PAINTED AS SPECIFIED BY THE ARCHITECT OR OWNER
- DUPLEX DATA OUTLET; PROVIDE 1"C TO AN ACCESSIBLE LOCATION ABOVE CEILING, TWO (2) BLUE CAT 6 CABLES FROM THE OUTLET TO THE TELECOM TERMINAL BOARD
- DUPLEX DATA OUTLET, AS ABOVE, MOUNTED FLUSH TO CEILING OR MOUNTED TO STRUCTURE IN AREAS WITH NO CEILING
- DUPLEX DATA OUTLET, AS ABOVE, MOUNTED ABOVE COUNTER
- DATA/VOICE OUTLET; PROVIDE 1"C TO AN ACCESSIBLE LOCATION ABOVE CEILING, ONE (1) BLUE AND ONE (1) WHITE CAT 6 CABLES FROM THE OUTLET TO THE TELECOM TERMINAL BOARD
- VOICE OUTLET; PROVIDE 1"C TO AN ACCESSIBLE LOCATION ABOVE CEILING, ONE (1) WHITE CAT 6 CABLE FROM THE OUTLET TO THE TELECOM TERMINAL BOARD
- DUPLEX DATA FLUSH FLOOR BOX; PROVIDE 1"C TO AN ACCESSIBLE LOCATION ABOVE CEILING, ONE (1) BLUE CAT 6 CABLE FROM THE OUTLET TO THE TELECOM TERMINAL BOARD
- [WAP] WIRELESS ACCESS POINT (BY OWNER); PROVIDE 1"C TO AN ACCESSIBLE LOCATION ABOVE CEILING, ONE (1) BLUE CAT 6 CABLE FROM THE ACCESS POINT LOCATION TO THE TELECOM TERMINAL BOARD
- (TV) LEGRAND EVOLUTION 4-GANG OR APPROVED EQUAL TV WALL BOX WITH ONE DUPLEX RECEPTACLE, ONE DUPLEX DATA OUTLET, ONE COAX OUTLET, AND ONE SPARE GANG; PROVIDE 1"C, TWO (2) BLUE CAT 6 CABLES AND 1"C, ONE (1) CATV CABLE FROM THE BOX TO THE TELECOM TERMINAL BOARD; PROVIDE CONDUIT AND WIRE FOR POWER PER THE PANEL SCHEDULE.
- [TV] LEGRAND EVOLUTION 4-GANG OR APPROVED EQUAL COMBO RECESSED FLOOR BOX WITH TWO (2) DUPLEX RECEPTACLES, FOUR (4) DATA OUTLETS (UNDER A SINGLE PLATE), AND SPEAKER CONNECTIONS; PROVIDE 1-1/4"C TO AN ACCESSIBLE LOCATION ABOVE CEILING, FOUR (4) BLUE CAT 6 CABLES FROM THE BOX TO THE TELECOM TERMINAL BOARD. ROUTE 1"EC WITH PULLSTRING FROM THE BOX TO THE TV WALL BOX IN THE SAME ROOM FOR SPEAKER CABLING. PROVIDE CONDUIT AND WIRE FOR POWER PER THE PANEL SCHEDULE.

LIGHTING

(PROVIDE CONDUIT AND WIRE PER THE PANEL SCHEDULE FOR POWER AND PER THE MANUFACTURER'S SPECIFICATIONS FOR CONTROLS)

- Aa LIGHT FIXTURE; UPPERCASE LETTER(S) INDICATE FIXTURE TYPE; LOWERCASE LETTER(S) INDICATE ASSOCIATED CONTROLS ID; SEE LIGHTING FIXTURE SCHEDULE FOR FIXTURE DESCRIPTIONS AND MOUNTING TYPES
- X EXIT LIGHT FIXTURE. ARROWS (IF USED) INDICATE DIRECTION. FILLED IN QUADRANT(S) INDICATE NUMBER AND ORIENTATION OF ILLUMINATED FACES. LETTER(S) INDICATE FIXTURE TYPE. SEE LIGHTING FIXTURE SCHEDULE FOR FIXTURE DESCRIPTION.
- (OS) CEILING MOUNTED OCCUPANCY SENSOR WITH 360° COVERAGE. LOCATE AND INSTALL PER THE MANUFACTURER'S RECOMMENDATIONS; TEST AND ADJUST SENSITIVITY AFTER INSTALLATION AND SET TIME DELAY AS REQUIRED BY THE OWNER
- (DH) CEILING MOUNTED DAYLIGHT HARVESTING SENSOR, LOCATED AND INSTALLED PER THE MANUFACTURER'S RECOMMENDATIONS; TEST AND ADJUST SENSITIVITY AFTER INSTALLATION AND SET TIME DELAY AS REQUIRED PER CODE
- (VS) CEILING MOUNTED OCCUPANCY SENSOR, AS ABOVE, CONFIGURED FOR VACANCY OPERATION
- (P) PHOTOELECTRIC CELL. EXTERIOR RATED; AIM AND SHIELD SENSOR FROM INTERIOR AND EXTERIOR ARTIFICIAL LIGHT SOURCES
- S SWITCH; SUBSCRIPT (WHEN USED): NONE - SINGLE POLE TOGGLE SWITCH; 3 - THREE-WAY SWITCH; D - LINEAR SLIDE DIMMER SWITCH; 3D - THREE-WAY LINEAR SLIDE DIMMER SWITCH; O - WALL MOUNTED OCCUPANCY SENSOR; 3O - THREE-WAY SWITCH WITH OCCUPANCY SENSOR; a,b,c etc. - SWITCH ID

FIRE ALARM

(PROVIDE CONDUIT AND WIRE PER THE PANEL SCHEDULE FOR POWER AND CONDUIT AND CABLING PER THE MANUFACTURER'S SPECIFICATIONS)

- FACP FIRE ALARM CONTROL PANEL
- F FIRE ALARM SYSTEM PULL STATION
- F FIRE ALARM SYSTEM STROBE
- F FIRE ALARM SYSTEM CHIME/STROBE
- F FIRE ALARM SYSTEM HORN/STROBE
- F FIRE ALARM SYSTEM SPEAKER/STROBE
- F FIRE ALARM SYSTEM CEILING MOUNT STROBE
- F FIRE ALARM SYSTEM CEILING MOUNT CHIME/STROBE
- F FIRE ALARM SYSTEM CEILING MOUNT HORN/STROBE
- F FIRE ALARM SYSTEM CEILING MOUNT SPEAKER/STROBE
- (C) FIRE ALARM SYSTEM CARBON MONOXIDE DETECTOR
- (T) FIRE ALARM SYSTEM THERMAL DETECTOR
- (D) FIRE ALARM SYSTEM DUCT SMOKE DETECTOR
- (S) FIRE ALARM SYSTEM SMOKE DETECTOR

SECURITY (EQUIPMENT PROVIDED BY OWNER/OTHERS)

(EQUIPMENT PROVIDED BY OTHERS)

- KP JUNCTION BOX FOR KEYPAD; INSTALL 48" AFF AND PROVIDE 3/4"EC WITH PULL STRING FROM THE JUNCTION BOX TO AN ACCESSIBLE LOCATION ABOVE CEILING
- DC JUNCTION BOX FOR DOOR CONTACT (MAGNETIC LOCK); PROVIDE 3/4"EC WITH PULL STRING FROM THE DOOR FRAME TO THE JUNCTION BOX AND FROM THE JUNCTION BOX TO AN ACCESSIBLE LOCATION ABOVE CEILING
- CR JUNCTION BOX FOR CARD READER; PROVIDE 3/4"EC WITH PULL STRING FROM THE JUNCTION BOX TO AN ACCESSIBLE LOCATION ABOVE CEILING
- CK JUNCTION BOX FOR COMBO CARD READER & KEYPAD; PROVIDE 3/4"EC WITH PULL STRING FROM THE JUNCTION BOX TO AN ACCESSIBLE LOCATION ABOVE CEILING
- ES JUNCTION BOX FOR ELECTRIC STRIKE LOCK; PROVIDE 3/4"EC WITH PULL STRING FROM THE DOOR FRAME TO THE JUNCTION BOX AND FROM THE JUNCTION BOX TO AN ACCESSIBLE LOCATION ABOVE CEILING
- JUNCTION BOX FOR DOOR OPERATOR; PROVIDE 3/4"EC WITH PULL STRING FROM THE JUNCTION BOX TO AN ACCESSIBLE LOCATION ABOVE CEILING NEAR THE CONTROLLED DOOR
- MD JUNCTION BOX FOR MOTION DETECTOR; PROVIDE 3/4"EC WITH PULL STRING FROM THE JUNCTION BOX TO AN ACCESSIBLE LOCATION ABOVE CEILING
- JUNCTION BOX FOR CEILING MOUNTED CAMERA; PROVIDE 3/4"EC WITH PULL STRING FROM THE JUNCTION BOX TO AN ACCESSIBLE LOCATION ABOVE CEILING
- JUNCTION BOX FOR WALL MOUNTED CAMERA; PROVIDE 3/4"EC WITH PULL STRING FROM THE JUNCTION BOX TO AN ACCESSIBLE LOCATION ABOVE CEILING

SOUND

(PROVIDE 1"EC WITH PULL STRING FROM THE DEVICE LOCATION SHOWN ON THE DRAWINGS TO AN ACCESSIBLE LOCATION ABOVE CEILING)

- (M) FLOOR MOUNTED MICROPHONE OUTLET
- (SP) CEILING MOUNTED SPEAKER
- (SP) WALL MOUNTED SPEAKER

ELECTRICAL GENERAL NOTES

1. ALL ELECTRICAL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE AS ADOPTED BY THE AHJ.
2. THE WORDS "PROVIDE" AND "PROVIDED" AS USED HEREIN SHALL BE UNDERSTOOD TO MEAN, "PROVIDE COMPLETE IN PLACE," THAT IS "FURNISH AND INSTALL". EQUIPMENT AND MATERIAL INDICATED TO BE PROVIDED SHALL BE NEW UNLESS OTHERWISE NOTED AND SHALL BE OF THE MOST SUITABLE GRADE FOR THE PURPOSE INTENDED.
3. ROUTE NEW CONDUIT AND WIRING CONCEALED IN WALLS AND CEILING WHERE POSSIBLE. COORDINATE INSTALLATION OF EXPOSED CONDUIT AND WIRING WITH THE ARCHITECT.
4. CONTRACTOR SHALL PROVIDE ELECTRICAL SERVICE TO NEW HVAC UNITS AS FURNISHED BY THE MECHANICAL CONTRACTOR. VERIFY THE EXACT ELECTRICAL REQUIREMENTS WITH THE REVIEWED HVAC SUBMITTALS PRIOR TO ORDERING ELECTRICAL EQUIPMENT.
5. BEFORE INSTALLATION, CONTRACTOR SHALL SUBMIT DETAILED DRAWINGS TO THE ENGINEER FOR REVIEW COVERING PROPOSED LOCATIONS, MOUNTING, AND ROUTING FOR ALL CONDUITS, SERVICES, FITTINGS, GROUND RODS, SUPPORTS, ETC.
6. CONTRACTOR IS RESPONSIBLE FOR OVER-CURRENT PROTECTIVE DEVICE SHORT CIRCUIT, COORDINATION, AND ARC-FLASH STUDIES.
7. MATERIALS AND MANUFACTURERS NOTED ON DRAWINGS ARE TO BE USED AS BASIS OF DESIGN TO ESTABLISH QUALITY AND PERFORMANCE STANDARDS AND SHALL BE PROVIDED AS SPECIFIED. SUBSTITUTIONS WILL BE CONSIDERED WHERE SUFFICIENT PRODUCT INFORMATION IS PROVIDED TO MAKE A PROPER EVALUATION. REVIEW OF A SUBSTITUTION IS AT THE SOLE DISCRETION OF THE PROFESSIONAL.
8. THE CONTRACTOR SHALL SUBMIT COPIES OF THE PRODUCT DATA, SHOP DRAWINGS, ETC. OF ALL MATERIALS NOTED ON THE DRAWINGS. ALL SUBMITTED PRODUCT DATA, SHOP DRAWINGS, ETC. SHALL BE MARKED WITH THE NAME OF THE PROJECT AND SHALL BEAR THE STAMP OF APPROVAL OF THE CONTRACTOR AS EVIDENCE THAT THE MATERIAL HAS BEEN CHECKED BY THE CONTRACTOR.
9. DRAWINGS SPECIFIC TO THIS TRADE DO NOT LIMIT THE RESPONSIBILITY OR WORK REQUIRED BY THE CONTRACT DOCUMENTS. REFER TO DRAWINGS AND SPECIFICATIONS OF OTHER TRADES FOR COMPLETE INFORMATION PRIOR TO BID.
10. WHERE CONFLICTS EXIST AMONG DRAWINGS, SPECIFICATIONS, AND EQUIPMENT SCHEDULES, THE MOST STRINGENT REQUIREMENT OR QUANTITY SHALL APPLY. NOTIFY THE ARCHITECT/ENGINEER OF ALL CONFLICTS FOR RESOLUTION OR INTERPRETATION.
11. NO EQUIPMENT SHALL BE ORDERED OR INSTALLED UNTIL THE PROJECT ENGINEER HAS RECEIVED A COPY STAMPED "NO EXCEPTIONS TAKEN." "NO EXCEPTIONS TAKEN" DOES NOT RELIEVE THE CONTRACTOR FROM CONFORMANCE WITH THE CONTRACT, EXTEND TO QUANTITIES OR DIMENSIONS, IMPLY THAT THE EQUIPMENT CAN BE INSTALLED OR OPERATE SATISFACTORILY, THAT THE EQUIPMENT CONTAINS ALL NECESSARY COMPONENTS, OR THAT IT WILL COORDINATE WITH OTHER REVIEWED ITEMS.
12. OMISSION FROM THIS SHEET OF ANY ITEM SHOWN ELSEWHERE IN THE PLANS DOES NOT RELIEVE THE CONTRACTOR FROM THE RESPONSIBILITY FOR ANY ASSOCIATED WORK.
13. COORDINATE INSTALLATION OF NEW ITEMS AND EQUIPMENT WITH THE OWNER'S REPRESENTATIVE AND THE WORK OF OTHER TRADES. THE CONTRACTOR SHALL INCUR ALL COSTS ASSOCIATED WITH THE RELOCATION OF EQUIPMENT CONFLICTING WITH NEW WORK BY OTHER TRADES THAT HAS NOT BEEN COORDINATED.
14. COORDINATE ALL ASPECTS OF NEW SERVICE WITH UTILITY COMPANY AND INCLUDE ALL COSTS IN BID.
15. WARNING TAPE SHALL BE INSTALLED 12 TO 18 INCHES BELOW GRADE OVER ALL CONDUITS.
16. PROVIDE 1/4" MINIMUM DIAMETER PULL ROPE. PULL ROPE SHALL NOT BE NYLON STRING.
17. FOR SERVICE ENTRANCE CONDUITS, UTILIZE LONG RADIUS (36") CONDUIT BENDS.
18. ALL CONDUIT RISERS FROM UNDERGROUND SHALL HAVE RIGID METAL ELLS AND RISERS.
19. PRIOR TO CONSTRUCTION, VERIFY THE LOCATION OF ALL EXISTING UNDERGROUND UTILITIES. AVOID DISTURBANCE OF EXISTING UTILITIES NOT INCLUDED IN THIS PROJECT.
20. SET SCREW CONDUIT FITTINGS SHALL NOT BE PERMITTED.

LIGHTING GENERAL NOTES

1. VERIFY THE EXACT LOCATION OF ALL LIGHTING SWITCHES WITH THE ARCHITECT PRIOR TO ROUGH-IN.
2. VERIFY THE EXACT LOCATION OF ALL LIGHTING FIXTURES WITH THE ARCHITECTURAL REFLECTED CEILING PLAN PRIOR TO ROUGH-IN.
3. VERIFY THE EXACT LOCATION OF CEILING MOUNTED OCCUPANCY SENSORS WITH THE MANUFACTURER'S SPECIFICATIONS PRIOR TO INSTALLATION FOR MAXIMUM PERFORMANCE.
4. EMERGENCY FIXTURES AND EXIT FIXTURES SHALL BE CONNECTED TO THE NEAREST LIGHTING CIRCUIT. BRANCH CIRCUIT WIRING TO EXIT FIXTURES AND TO BATTERY INVERTERS WITHIN FIXTURES WITH INTEGRAL BATTERY UNITS SHALL BE UNSWITCHED, CONNECTED AHEAD OF ANY CONTROL SWITCHING.
5. WALL MOUNT TYPE "Z" FIXTURES ABOVE DOOR AS SHOWN ON DRAWINGS. COORDINATE WITH THE ARCHITECT PRIOR TO ROUGH-IN.
6. MOUNT TYPE "EM" FIXTURES 8'-0" AFF UNLESS OTHERWISE NOTED.
7. VERIFY THE CEILING TYPES FOR ALL LIGHT FIXTURES TO BE FLUSH MOUNTED OR SUSPENDED AND ADJUST FIXTURE MOUNTING TYPES IN ACCORDANCE WITH THE CEILING TYPE, AS REQUIRED. CONTRACTOR SHALL PROVIDE ALL REQUIRED MOUNTING HARDWARE.
8. ALL VANITY FIXTURES SHALL BE MOUNTED WITH 0'-3" OF SPACE BETWEEN THE BOTTOM OF THE FIXTURE AND THE TOP OF THE MIRROR UNLESS OTHERWISE NOTED.
9. VERIFY THE EXACT MOUNTING LOCATION FOR ANY PHOTOELECTRIC CELLS WITH THE ARCHITECT PRIOR TO ROUGH-IN. ALL PHOTOELECTRIC CELLS MUST FACE NORTH.
10. CONTRACTOR SHALL CONFIRM COMPATIBILITY OF ALL LIGHTING CONTROL DEVICES/SWITCHES/DIMMERS WITH LIGHTING FIXTURES AND BALLASTS/DRIVERS PRIOR TO SUBMITTAL.
11. COORDINATE LOCATION OF LIGHT FIXTURES IN MECHANICAL ROOMS WITH DIVISION 15/23 PLANNED EQUIPMENT LOCATION AND DUCT INSTALLATION. WALL MOUNT LIGHTS OR PROVIDE PENDANT MOUNTING AS REQUIRED TO ILLUMINATE THE SPACE.
12. WHERE MULTIPLE OCCUPANCY SENSORS ARE SHOWN IN THE SAME AREA, MOTION DETECTION BY ONE SENSOR SHALL ILLUMINATE ALL LIGHTING IN THE RESPECTIVE AREA.

TELECOMMUNICATIONS GENERAL NOTES

1. PROVIDE 1" CONDUIT AND TWO (2) CAT 6 CABLES AT EACH DATA OUTLET SHOWN. ROUTE TO ABOVE CEILING AND ROUTE TO TELEPHONE BACKBOARD IN IT ROOM. TERMINATE AND CONNECT STATION CABLES TO PATCH PANEL, FOLLOWING THE OWNER'S LABELING CONVENTIONS FOR ALL HORIZONTAL CABLING.
2. OWNER SHALL PROVIDE THE WALL MOUNT DATA RACK, ALL ITEMS INCLUDED IN THE DATA RACK, AND ANY NECESSARY TELEPHONE EQUIPMENT.
3. PLYWOOD FOR BACKBOARDS SHALL BE 0'-1" AC INDOOR GRADE, FIRE RETARDANT, AND PAINTED AS SPECIFIED.
4. COMMON BOND RACKS, PATCH PANELS, CABLE SHIELDS, PROTECTORS, AND THE BUILDING MAIN ELECTRICAL GROUNDING CONDUCTORS SHALL BE, AT MINIMUM, #6 AWG INSULATED AND STRANDED COPPER. FASTENERS SHALL BE RECESSED AND ANCHORED.
5. SUBMIT DIGITAL PHOTOGRAPHS OF ALL TERMINATIONS TO MAIN ELECTRICAL SERVICE GROUNDING MEANS.
6. ALL BACKBOARDS SHALL BE EQUIPPED WITH D-RINGS SPACED AT 1'-0" APART AROUND ALL EDGES OF THE PLYWOOD TO SUPPORT CABLE AND WIRE.
7. CAT 6 CABLES FOR DATA OUTLETS SHALL HAVE BLUE JACKETS AND CAT 6 CABLES FOR VOICE OUTLETS SHALL HAVE WHITE JACKETS.

SPECIAL SYSTEMS GENERAL NOTES

1. VERIFY EXACT LOCATION, VOLTAGE, PHASE, AMPERAGE, ETC. OF ALL MECHANICAL EQUIPMENT WITH MECHANICAL CONTRACTOR PRIOR TO ORDERING ELECTRICAL GEAR.
2. INTERCONNECT THE HOOD EXHAUST AND SUPPLY FANS WITH HOOD EXTINGUISHING SYSTEM SUCH THAT WHEN HOOD EXTINGUISHING SYSTEM IS ACTIVATED, THE EQUIPMENT BELOW THE HOOD AND HOOD SUPPLY FAN ARE DE-ENERGIZED AND THE HOOD EXHAUST FAN WILL START IF NOT RUNNING.
3. INTERCONNECT THE HOOD EXTINGUISHING SYSTEM WITH THE FIRE ALARM SYSTEM IF APPLICABLE.
4. FOR ALL CAMERA LOCATIONS, PROVIDE ONE (1) GREEN JACKETED CAT 6 CABLE IN 3/4" CONDUIT BACK TO ASSOCIATED DATA CLOSET.
5. FOR ALL WIRELESS ACCESS POINT LOCATIONS, PROVIDE ONE (1) YELLOW JACKETED CAT 6 CABLE IN 3/4" CONDUIT BACK TO ASSOCIATED DATA CLOSET.
6. PROVIDE AN ADDITIONAL 10%, OR ONE (1), WHICHEVER IS GREATER, OF THE FOLLOWING DEVICES WHICH ARE INCLUDED IN THE PROJECT, AND INSTALL THEM AT THE DIRECTION OF THE ARCHITECT, ENGINEER, OR AHJ DURING THE COURSE OF THE PROJECT. PROVIDE ALL REQUIRED CONDUIT, INTERCONNECTIONS, CONDUCTORS, PROGRAMMING, ETC. AS REQUIRED AT NO ADDITIONAL COST TO THE OWNER: INITIATING DEVICES (PULL STATIONS, SMOKE DETECTORS, THERMAL DETECTORS, ETC.), NOTIFICATION APPLIANCES (STROBES, HORN STROBES, SPEAKER STROBES, SPEAKERS, DUCT DETECTORS, ETC.), AND MONITORING MODULES.
7. VERIFY REQUIRED QUANTITY OF DUCT DETECTORS WITH DUCTWORK CONFIGURATION AS IT IS ACTUALLY INSTALLED. COORDINATE WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.

INDEX - ELECTRICAL SHEETS

E001	ELECTRICAL COVER SHEET
E100	ELECTRICAL SITE PLAN
E101	POWER PLAN
E102	LIGHTING PLAN
E300	RISER DIAGRAM & PANEL SCHEDULES
E301	PANEL SCHEDULES
E400	TELECOM RISER DIAGRAM
E401	ELECTRICAL DETAILS

PARISH ENGINEERING
7600 Innovation Park Drive
Baton Rouge, LA 70820
225.332.0222
parisheng.com| #24-109

100% CONSTRUCTION DOCUMENTS

ELECTRICAL COVER SHEET

CITY OF OPELOUSAS

SOUTH CITY PARK CENTER

South City Park, 1524 Market St, Opelousas, LA 70570 St. Landry Parish

PROJECT ID: 20231117

db | ARCHITECTURE OF ACADIANA, LLC
TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

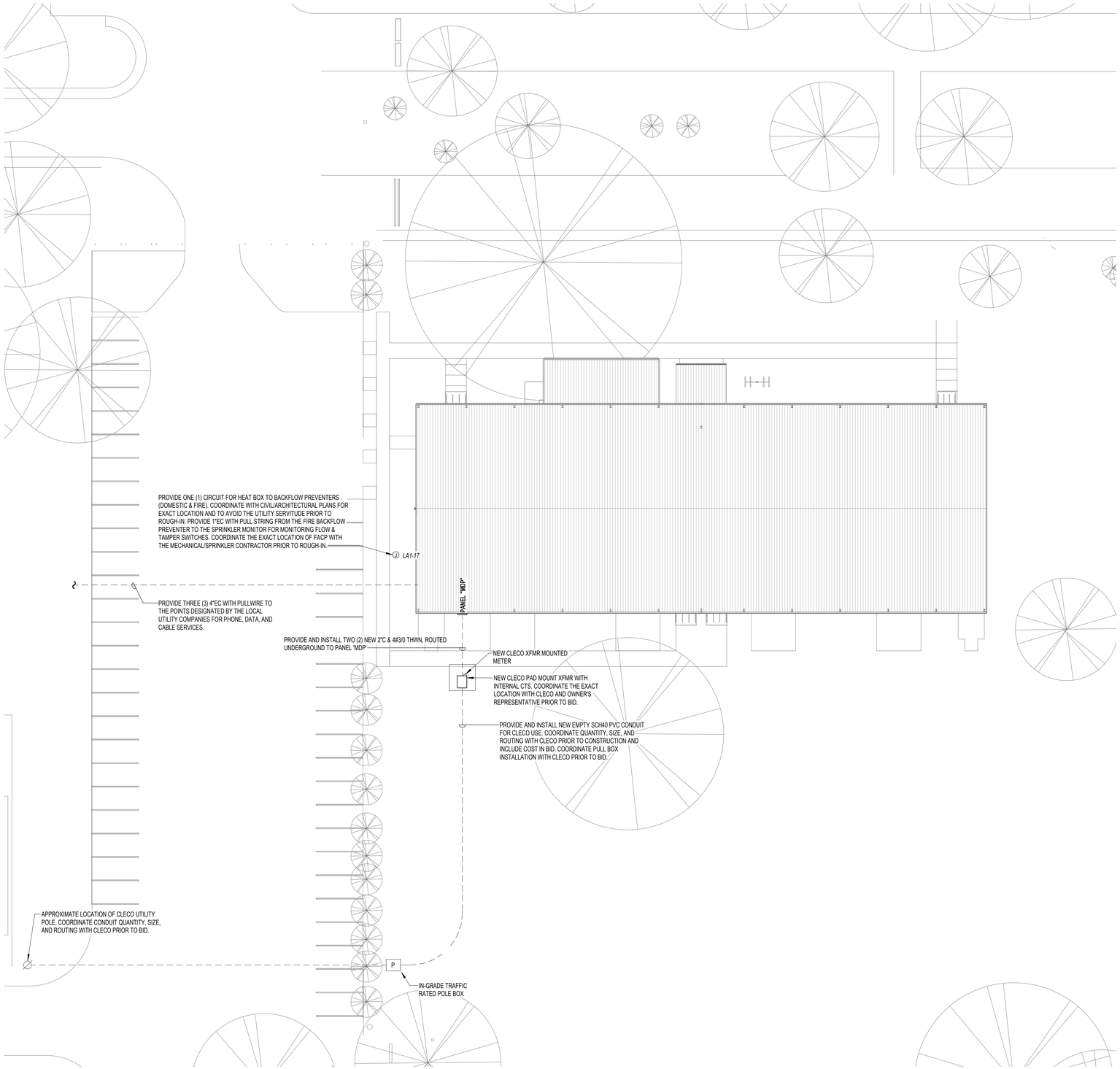
STATE OF LOUISIANA — MICHAEL DAVID VERRET — 37228 — REGISTERED PROFESSIONAL ENGINEER — 1/17/2025

PROJECT NUMBER: 20231117

DATE: 01/17/2025

E001

DATE: 1/17/2025 10:09:00 AM COPYRIGHT dbARCHITECTURE @ ACADIANA, LLC



1 **SITE PLAN**
1" = 20'-0"

DATE: 1/17/2025 10:59:00 AM COPYRIGHT @ARCHITECTURE of ACADIANA, LLC

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ELECTRICAL SITE PLAN

CITY OF OPELOUSAS

SOUTH CITY PARK CENTER

South City Park, 1524 Market St, Opelousas, LA 70570 St. Landry Parish

PROJECT ID: 20231117

db | ARCHITECTURE OF ACADIANA, LLC

TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

PROJECT NUMBER: 20231117

DATE: 01/17/2025

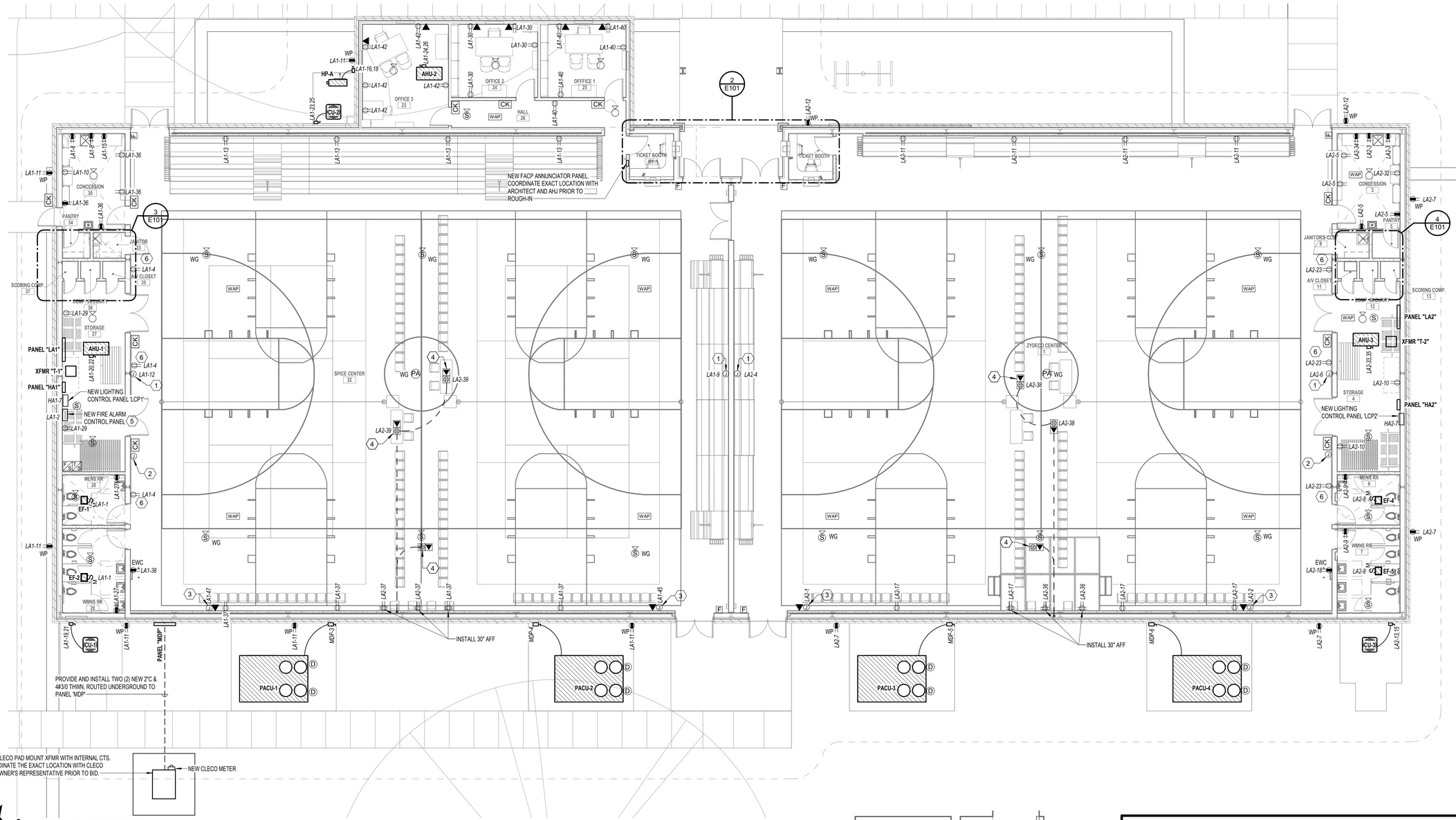
STATE OF LOUISIANA — MICHAEL [illegible] — LICENSED PROFESSIONAL ENGINEER — 1/17/2025

E100

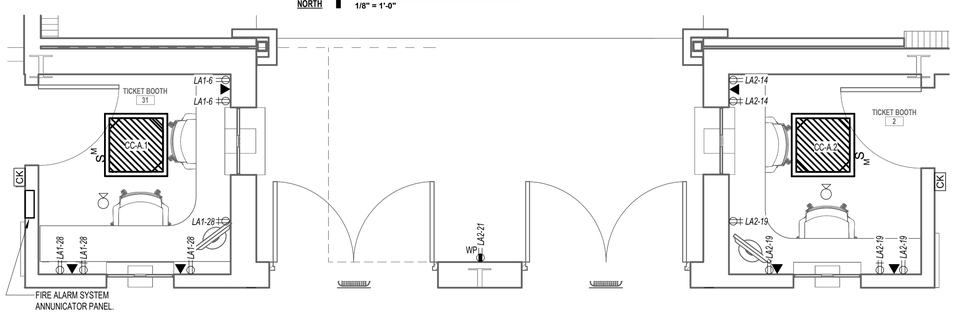
PARISH ENGINEERING
7600 Innovation Park Drive Baton Rouge, LA 70820
225.332.0222 parisheng.com | #24-109

ELECTRICAL KEYNOTES:

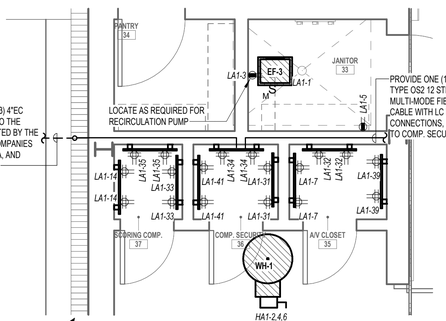
1. LOCATE AS REQUIRED FOR GOAL WINCH MOTOR. PROVIDE LOCAL MEANS OF DISCONNECT.
2. PROVIDE AND INSTALL NEW MULTIPLE KEY SWITCH GANG PLATE FOR GOAL WINCH CONTROLS (DRAPER C112.140 SIX GANG GYM EQUIPMENT KEY SWITCH OR PRIOR APPROVED EQUAL). CONTRACTOR SHALL PROVIDE AND INSTALL CONTROL CABLING TO EACH MOTOR REQUIRED FOR A FULLY FUNCTIONAL SYSTEM. COORDINATE ELECTRICAL REQUIREMENTS WITH MANUFACTURER PRIOR TO ROUGH-IN. COORDINATE EXACT LOCATION OF KEY SWITCH GANG PLATE WITH ARCHITECT PRIOR TO ROUGH-IN.
3. COORDINATE EXACT LOCATION OF WIRELESS SCOREBOARD WITH ARCHITECT PRIOR TO ROUGH-IN. (TYP. FOR 4)
4. PROVIDE AN 4 GANG, DUAL SERVICE (1 GANG FOR POWER, AND 3 GANGS FOR LOW VOLTAGE SYSTEMS), METALLIC, FLUSH MOUNTED, IN GRADE OUTLET BOX, IN THE LOCATION SPECIFIED BY THE ARCHITECT. PROVIDE ONE (1) 1" CONDUIT FOR POWER, ONE (1) 1 1/2" CONDUIT WITH TWO (2) DATA STATION CABLES, AND ONE (1) 1 1/2" EMPTY CONDUIT WITH PULLWIRE TO THE SOUND SYSTEM LOCATION FOR FUTURE MICROPHONE OR AV SYSTEM USE. INSTALL CONDUIT BELOW SLAB. ARCHITECT SHALL SELECT FINISH AND COVERPLATE OPTIONS.
5. ACTIVATION OF THE FIRE ALARM SYSTEM SHALL CAUSE THE MUTING OF ALL SOUND SYSTEMS IN THE BUILDING. PROVIDE RELAYS, SHUNT TRIP BREAKERS, ETC., AS REQUIRED TO ACCOMPLISH THIS.
6. COORDINATE THE LOCATION OF THIS RECEPTACLES WITH WALL PADDING AS REQUIRED TO HAVE ACCESS HOLES CUT INTO THE PADS.



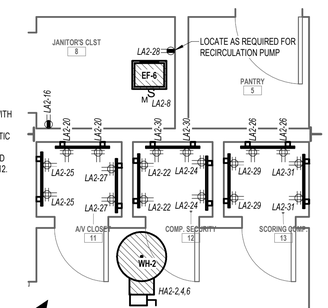
NORTH **1 ELECTRICAL POWER PLAN**
1/8" = 1'-0"



NORTH **2 ENLARGED POWER PLAN - FRONT ENTRANCE**
3/8" = 1'-0"



NORTH **3 ENLARGED POWER PLAN - PLAN WEST CLOSETS**
3/8" = 1'-0"



NORTH **4 ENLARGED POWER PLAN - PLAN EAST CLOSETS**
3/8" = 1'-0"

100% CONSTRUCTION DOCUMENTS

POWER PLAN

CITY OF OPELOUSAS

SOUTH CITY PARK CENTER

South City Park, 1524 Market St, Opelousas, LA 70570 St. Landry Parish

PROJECT ID: 20231117

db | ARCHITECTURE OF ACADIANA, LLC

TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

PROJECT NUMBER: 20231117

DATE: 01/17/2025

STATE OF LOUISIANA — MICHAEL [illegible] PARISH III — 31 — CIVIL ENGINEER — 1/17/2025

E101

PARISH ENGINEERING
7600 Innovation Park Drive
Baton Rouge, LA 70820
225.332.0222
parisheng.com | #24-109

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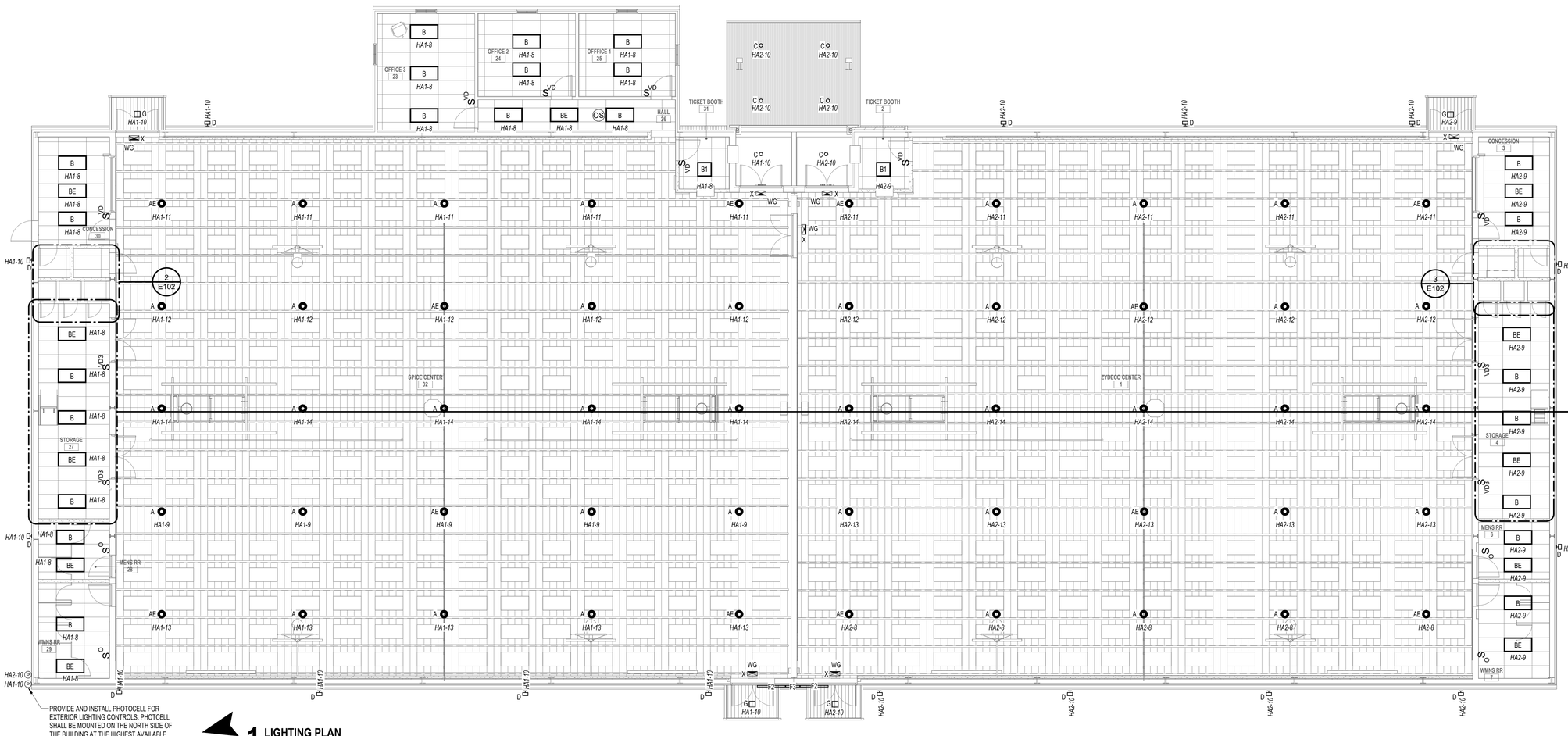
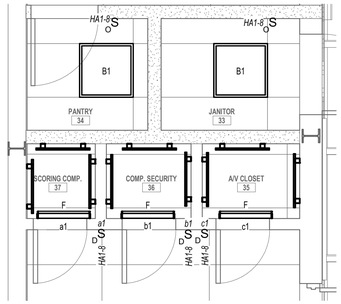
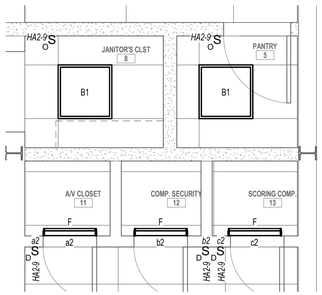


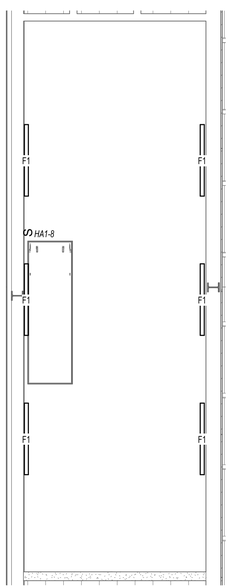
1 LIGHTING PLAN
1/8" = 1'-0"



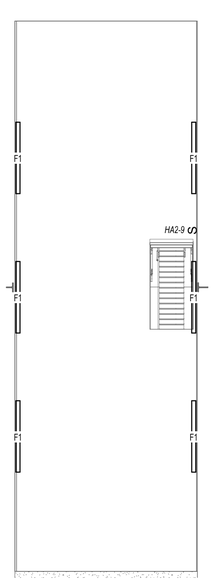
2 NORTH CLOSET LIGHTING
3/8" = 1'-0"



3 SOUTH CLOSET LIGHTING
3/8" = 1'-0"



4 STORAGE WEST ATTIC LIGHTING
1/4" = 1'-0"



5 STORAGE EAST ATTIC LIGHTING
1/4" = 1'-0"

SCHEDULE - LIGHTING FIXTURES

NOTES:
** FINISH TO BE SELECTED BY ARCHITECT

MARK	DESCRIPTION	LAMPS	VOLTS	LOAD	TEMP.	LUMENS	MOUNTING	BASIS OF DESIGN MANUFACTURER	BASIS OF DESIGN CATALOG NO.	ACCEPTABLE ALTERNATIVE MANUFACTURER	ACCEPTABLE ALTERNATIVE CATALOG NO.	COUNT
A	ROUND LED HIGH BAY FIXTURE. COORDINATE MOUNTING HEIGHT WITH ARCHITECT PRIOR TO ROUGH-IN.	LED	277V	147 VA	4000K	21,000	SUSPENDED	ILP	RB4-21L-U-CCTS-**	LITHONIA LIGHTING	REBL-ALO16-WD-UVOLT-SWW3-80CRI-**-TLS-**	38
AE	ROUND LED HIGH BAY FIXTURE WITH EMERGENCY BATTERY BACKUP. COORDINATE MOUNTING HEIGHT WITH ARCHITECT PRIOR TO ROUGH-IN.	LED	277V	147 VA	4000K	21,000	SUSPENDED	ILP	RB4-21L-U-CCTS-**-EM/D	LITHONIA LIGHTING	REBL-ALO16-WD-UVOLT-SWW3-80CRI-**-TLS-**-RBAY BLDE40WCP M4	12
B	2'X4' FULLY SWITCHABLE FLAT PANEL	LED	277V	41 VA	4000K	4,400	RECESSED	COLUMBIA LIGHTING	CBT24-LS35	LITHONIA LIGHTING	CPX-2X4-ALO8-80CRI-SWW7-SWL-MVOLT	23
B1	2'X2' FULLY SWITCHABLE FLAT PANEL	LED	277V	38 VA	4000K	4,000	RECESSED	COLUMBIA LIGHTING	CBT22-LS35	LITHONIA LIGHTING	CPX-2X2-ALO7-80CRI-SWW7-SWL-MVOLT	6
BE	2'X4' FULLY SWITCHABLE FLAT PANEL WITH EMERGENCY BATTERY BACK UP	LED	277V	41 VA	4000K	4,400	RECESSED	COLUMBIA LIGHTING	CBT24-LS35	LITHONIA LIGHTING	CPX-2X4-ALO8-80CRI-SWW7-SWL-MVOLT-E10WLCP	11
C	6" DOWNLIGHT WITH EMERGENCY BATTERY BACKUP	LED	277V	45 VA	4000K	4,000	RECESSED	WILLIAMS LIGHTING	8DR-L40/840-EM/10W/IPRTS-DIM-277-O-W-CS-**	LITHONIA LIGHTING	LDN6-ALO4-SWW1-LO6-AR-LSS-MVOLT-E10WCP	6
D	ARHITECTURAL LED WALL PACK. COORDINATE MOUNTING HEIGHT WITH ARCHITECT PRIOR TO ROUGH-IN.	LED	277V	50 VA	4000K	6,000	WALL	BEACON	VPW2-18L-50-4K8-4F-UNV-**-PC	LITHONIA LIGHTING	WDGE3-LED-P0-40K-80CRI-R4-MVOLT-SRM	16
F	2' LED WALL MOUNTED STRIP LIGHT. MOUNT AT 7' 6" AFF.	LED	277V	42 VA	4000K	5,400	WALL	WILLIAMS LIGHTING	29-2- L54/840-AF-CT-CONTROL/DR-UNV	LITHONIA LIGHTING	CLX-24-5000LM-SEF-WDL-MVOLT-GZ10-40K-80CRI	6
F1	4' LED STRIP LIGHT WITH SEMI-FROSTED LENS	LED	277V	34 VA	4000K	5,200	WALL	WILLIAMS LIGHTING	SRK-W-4-L52-840-UNV	LITHONIA LIGHTING	ZL1D-L48-3000LM-FST-MVOLT-40K-80CRI-**	12
F2	4' LED STRIP LIGHT WITH SEMI-FROSTED LENS.	LED	277V	55 VA	4000K	6,000	WALL	CURRENT LIGHTING	INT-4-48L-55-4K8-WW-UNV-A3-CR-MB-**	HYDREL LIGHTING	4750L-4FT-500LMF-40K-MVOLT-WWD-KM-INJB-ZT-**	2
F3	2' LED STRIP LIGHT WITH SEMI-FROSTED LENS.	LED	277V	30 VA	4000K	3,000	WALL	CURRENT LIGHTING	INT-2-24L-30-4K8-WW-UNV-A3-CR-MB-**	HYDREL LIGHTING	4750L-2FT-500LMF-40K-MVOLT-WWD-KM-INJB-ZT-**	1
G	10" SQUARE CANOPY FIXTURE WITH EMERGENCY BATTERY BACKUP	LED	277V	40 VA	4000K	5,000	SURFACE	ILP	CP-5L-U-40-**-EM10	LITHONIA LIGHTING	CNY-LED-ALO-SWW2-UVOLT-PE-PIR-**-M2	4
X	EXIT SIGN WITH RED LETTERS. PROVIDE WITH NUMBER OF FACES AND DIRECTIONAL ARROWS AS INDICATED.	LED	277V	1 VA	N/A	N/A	WALL/CEILING	COMPASS	CERSD	LITHONIA LIGHTING	LQM	7

LIGHTING CONTROL PANEL "LCP1"

RELAY NO.	ROOM IDENTIFICATION	CONTROLLED BY	PANEL	CKT #
1	LTG - NORTH	TIMECLOCK ON/OFF	HA1	8
2	LTG - NORTH EXTERIOR	PHOTOCELL ON / TIMECLOCK OFF	HA1	10
3	LTG - COURT CKT 1	TIMECLOCK ON/OFF	HA1	9
4	LTG - COURT CKT 2	TIMECLOCK ON/OFF	HA1	11
5	LTG - COURT CKT 5	TIMECLOCK ON/OFF	HA1	12
6	LTG - COURT CKT 3	TIMECLOCK ON/OFF	HA1	13
7	LTG - COURT CKT 4	TIMECLOCK ON/OFF	HA1	14

LIGHTING CONTROL PANEL "LCP2"

RELAY NO.	ROOM IDENTIFICATION	CONTROLLED BY	PANEL	CKT #
1	LTG - SOUTH	TIMECLOCK ON/OFF	HA2	9
2	LTG - SOUTH EXTERIOR	PHOTOCELL ON / TIMECLOCK OFF	HA2	10
3	LTG - COURT CKT 1	TIMECLOCK	HA2	8
4	LTG - COURT CKT 2	TIMECLOCK ON/OFF	HA2	11
5	LTG - COURT CKT 3	TIMECLOCK ON/OFF	HA2	12
6	LTG - COURT CKT 4	TIMECLOCK ON/OFF	HA2	13
7	LTG - COURT CKT 5	TIMECLOCK ON/OFF	HA2	14

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LIGHTING PLAN

CITY OF OPELOUSAS

SOUTH CITY PARK CENTER

South City Park, 1524 Market St, Opelousas, LA 70570 St. Landry Parish

PROJECT ID: 20231117

db | ARCHITECTURE OF ACADIANA, LLC

TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

PARISH ENGINEERING
7600 Innovation Park Drive
Baton Rouge, LA 70820
225.332.0222
parisheng.com| #24-109

STATE OF LOUISIANA — MICHAEL HENRY, III — REGISTERED PROFESSIONAL ENGINEER
1/17/2025

PROJECT NUMBER: 20231117
DATE: 01/17/2025

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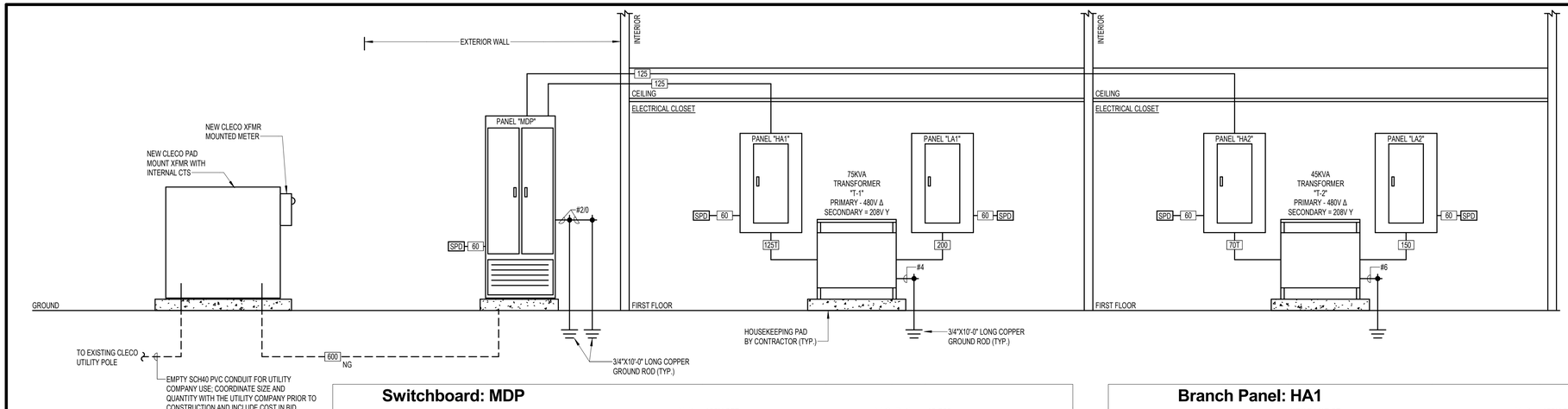

1 POWER RISER DIAGRAM
N.T.S.

4-WIRE FEEDER SCHEDULE

STD. FUSE OR BKR TRIP SIZE	# OF SETS	WIRE QUANTITY AND SIZE	CONDUIT SIZE (MINIMUM)
60	1	#6 THWN, 1#8 GND	1-1/4"
70T	1	3#4 THWN, 1#8 GND	1-1/4"
100	1	4#3 THWN, 1#8 GND	1-1/4"
125	1	4#1 THWN, 1#6 GND	1-1/2"
125T	1	3#1 THWN, 1#6 GND	1-1/2"
150	1	4#1/0 THWN, 1#6 GND	2"
200	1	4#3/0 THWN, 1#6 GND	2"
400	2	4#3/0 THWN, 1#3 GND	2-1/2"
600	2	4#350 THWN MCM, 1#1 GND	3"
800	3	4#300 THWN MCM, 1#1/0 GND	3"

NOTES:
1. ALL FEEDER SIZES LISTED MAY NOT BE SHOWN IN POWER RISER DIAGRAM.
2. ELECTRICAL CONTRACTOR TO VERIFY SIZE REQUIRED IF WIRE TYPES OTHER THAN THOSE LISTED ABOVE ARE USED.
3. REFER TO THE LATEST EDITION OF THE NEC FOR CONDUIT TYPES REQUIRED PER THEIR TABLES.
4. ALL CONDUCTORS TO BE COPPER.
5. "VD" INDICATES WIRE UPSIZED FOR VOLTAGE DROP.
6. "NG" INDICATES NO GROUND CONDUCTOR REQUIRED.

Switchboard: MDP

Location:
Supply From:
Mounting: SURFACE
Enclosure: NEMA-3R

Volts: 480Y/277
Phases: 3
Wires: 4

A.I.C. Rating: 10,000
Main Rating: 600 A
MCB Rating: 600 A

Notes:
PANEL 'MDP' SHALL BE SERVICE ENTRANCE RATED

CKT	Circuit Description	# of Poles	Frame Size	Trip Rating	Load	Remarks
1	HA1	3	125 A	125 A	59410 VA	
2	HA2	3	125 A	125 A	46524 VA	
3	PACU-1 (1", 4#8, 1#10 GRD THWN CU)	3	35 A	35 A	20619 VA	
4	PACU-2 (1", 4#8, 1#10 GRD THWN CU)	3	35 A	35 A	20619 VA	
5	PACU-3 (1", 4#8, 1#10 GRD THWN CU)	3	35 A	35 A	20619 VA	
6	PACU-4 (1", 4#8, 1#10 GRD THWN CU)	3	35 A	35 A	20619 VA	
7	SPARE	3	225 A	225 A	0 VA	
8	SPACE	3	--	--	--	
9	SPACE	3	--	--	--	
10	SPD	3	60 A	60 A	0 VA	
				Total Conn. Load:	188409 VA	
				Total Amps:	227 A	

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Cooling	7290 VA	0.01%	1 VA		
Heating	20469 VA	100.00%	20469 VA	**Total Conn. Load:**	188409 VA
Kitchen Equipment - Non-Dwelling Unit	6000 VA	92.50%	5550 VA	**Total Est. Demand:**	172184 VA
Motor	6254 VA	105.60%	6604 VA	**Total Conn.:**	227 A
Receptacle	33540 VA	64.91%	21770 VA	**Total Est. Demand:**	207.11 A
Power	7300 VA	100.00%	7300 VA		
Lighting	11755 VA	125.00%	14693 VA		
Water Heating	12000 VA	100.00%	12000 VA		
HVAC	83820 VA	100.00%	83820 VA		

Notes:

Branch Panel: HA1

Location: STORAGE 27
Supply From: MDP
Mounting: SURFACE
Enclosure: NEMA-1
Number of Sections:

Volts: 480Y/277
Phases: 3
Wires: 4

A.I.C. Rating: 10,000
Mains Rating: 125 A
MCB Rating: 125 A

Panel Schedule Notes:

CKT	TRIP	POLES	WIRE	GND	CONDUIT	Circuit Description	A		B		C		Circuit Description	CONDUIT	GND	WIRE	POLES	TRIP	CKT
1							16.0 kVA	2.0 kVA											2
3	125 A	3	3#1	#6	1-1/2"	75KVA XFMR T-1			15.8 kVA	2.0 kVA			WH-1	3/4"	#12	4#12	3	20 A	4
5											15.7 kVA	2.0 kVA							6
7	20 A	1	2#12	#12	3/4"	LTG CONTROL PANEL #1	0.5 kVA	1.2 kVA					LTG - NORTH	3/4"	#12	2#12	1	20 A	8
9	20 A	1	2#12	#12	3/4"	LTG - COURT			0.7 kVA	0.6 kVA			LTG - NORTH EXTERIOR	3/4"	#12	2#12	1	20 A	10
11	20 A	1	2#12	#12	3/4"	LTG - COURT					0.7 kVA	0.6 kVA	LTG - COURT	3/4"	#12	2#12	1	20 A	12
13	20 A	1	2#12	#12	3/4"	LTG - COURT	0.7 kVA	0.7 kVA					LTG - COURT	3/4"	#12	2#12	1	20 A	14
15	20 A	1	--	--	--	SPARE			0.0 kVA	0.0 kVA			SPARE	--	--	--	1	20 A	16
17	20 A	1	--	--	--	SPARE					0.0 kVA	0.0 kVA	SPARE	--	--	--	1	20 A	18
19	20 A	1	--	--	--	SPARE	0.0 kVA	0.0 kVA											20
21	20 A	1	--	--	--	SPARE			0.0 kVA	0.0 kVA			SPD	--	--	--	3	60 A	22
23	20 A	1	--	--	--	SPARE					0.0 kVA	0.0 kVA							24
							21100 VA		19182 VA		19129 VA								
							76 A		69 A		69 A								

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Cooling	4860 VA	0.01%	0 VA		
Heating	13646 VA	100.00%	13646 VA	**Total Conn. Load:**	59410 VA
Kitchen Equipment - Non-Dwelling Unit	3000 VA	100.00%	3000 VA	**Total Est. Demand:**	53136 VA
Motor	3223 VA	110.86%	3573 VA	**Total Conn.:**	71 A
Receptacle	16500 VA	80.30%	13250 VA	**Total Est. Demand:**	64 A
Power	4900 VA	100.00%	4900 VA		
Lighting	5942 VA	125.00%	7427 VA		
Water Heating	6000 VA	100.00%	6000 VA		
HVAC	1344 VA	100.00%	1344 VA		

Load Summary Notes:

Branch Panel: HA2

Location: STORAGE 4
Supply From: MDP
Mounting: SURFACE
Enclosure: NEMA-1
Number of Sections:

Volts: 480Y/277
Phases: 3
Wires: 4

A.I.C. Rating: 10,000
Mains Rating: 125 A
MCB Rating: 125 A

Panel Schedule Notes:

CKT	TRIP	POLES	WIRE	GND	CONDUIT	Circuit Description	A		B		C		Circuit Description	CONDUIT	GND	WIRE	POLES	TRIP	CKT
1							11.3 kVA	2.0 kVA											2
3	70 A	3	3#4	#8	1-1/4"	45KVA XFMR T-2			11.3 kVA	2.0 kVA			WH-2	3/4"	#12	4#12	3	20 A	4
5											12.1 kVA	2.0 kVA							6
7	20 A	1	2#12	#12	3/4"	LTG CONTROL PANEL #2	0.5 kVA	0.7 kVA					LTG - COURT	3/4"	#12	2#12	1	20 A	8
9	20 A	1	2#12	#12	3/4"	LTG - SOUTH			0.8 kVA	0.9 kVA			LTG - SOUTH EXTERIOR	3/4"	#12	2#12	1	20 A	10
11	20 A	1	2#12	#12	3/4"	LTG - COURT					0.7 kVA	0.7 kVA	LTG - COURT	3/4"	#12	2#12	1	20 A	12
13	20 A	1	2#12	#12	3/4"	LTG - COURT	0.7 kVA	0.7 kVA					LTG - COURT	3/4"	#12	2#12	1	20 A	14
15	20 A	1	--	--	--	SPARE			0.0 kVA	0.0 kVA			SPARE	--	--	--	1	20 A	16
17	20 A	1	--	--	--	SPARE					0.0 kVA	0.0 kVA	SPARE	--	--	--	1	20 A	18
19	20 A	1	--	--	--	SPARE	0.0 kVA	0.0 kVA											20
21	20 A	1	--	--	--	SPARE			0.0 kVA	0.0 kVA			SPD	--	--	--	3	60 A	22
23	20 A	1	--	--	--	SPARE					0.0 kVA	0.0 kVA							24
							15991 VA		14936 VA		15602 VA								
							58 A		54 A		57 A								

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Cooling	2430 VA	0.01%	0 VA		
Heating	6823 VA	100.00%	6823 VA	**Total Conn. Load:**	46524 VA
Kitchen Equipment - Non-Dwelling Unit	3000 VA	100.00%	3000 VA	**Total Est. Demand:**	42375 VA
Motor	3031 VA	111.55%	3381 VA	**Total Conn.:**	56 A
Receptacle	17040 VA	79.34%	13520 VA	**Total Est. Demand:**	51 A
Power	2400 VA	100.00%	2400 VA		
Lighting	5815 VA	125.00%	7268 VA		
Water Heating	6000 VA	100.00%	6000 VA		

Load Summary Notes:

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RISER DIAGRAM & PANEL SCHEDULES

CITY OF OPELOUSAS

SOUTH CITY PARK CENTER

South City Park, 1524 Market St, Opelousas, LA 70570 St. Landry Parish

PROJECT ID: 20231117

dbARCHITECTURE OF ACADIANA, LLC
TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

PARISH ENGINEERING
7600 Innovation Park Drive
Baton Rouge, LA 70820
225.332.0222
parisheng.com| #24-109

STATE OF LOUISIANA — MICHAEL [illegible] — 32281 — REGISTERED PROFESSIONAL ENGINEER
1/17/2025

PROJECT NUMBER: 20231117
DATE: 01/17/2025
E200

Branch Panel: LA1

Location: STORAGE 27
Supply From: T-1
Mounting: SURFACE
Enclosure: NEMA-1
Number of Sections:

Volts: 208Y/120
Phases: 3
Wires: 4

A.I.C. Rating: 10,000
Mains Rating: 200 A
MCB Rating: 200 A

Panel Schedule Notes:

CKT	TRIP	POLES	WIRE	GND	CONDUIT	Circuit Description	A		B		C		Circuit Description	CONDUIT	GND	WIRE	POLES	TRIP	CKT
1	20 A	1	2#12	#12	3/4"	EF - 1,2,3	0.2 kVA	0.5 kVA					FACP	3/4"	#12	2#12	1	20 A	2
3	20 A	1	2#12	#12	3/4"	WH-1 RECIRC PUMP			0.3 kVA	0.5 kVA			RCPT NORTH WALL	3/4"	#12	2#12	1	20 A	4
5	20 A	1	2#12	#12	3/4"	RCPT JANITOR CLST					0.2 kVA	0.4 kVA	RCPT NORTH T-BOOTH-1	3/4"	#12	2#12	1	20 A	6
7	20 A	1	2#12	#12	3/4"	RCPT - A/V CLOSET	0.7 kVA	0.4 kVA					RCPT - CONCESSION	3/4"	#12	2#12	1	20 A	8
9	20 A	1	2#12	#12	3/4"	GOAL WENCH MOTOR			1.4 kVA	1.5 kVA			CONCESSION COOLER	3/4"	#12	2#12	1	20 A	10
11	20 A	1	2#12	#12	3/4"	RCPT NORTH EXT					1.1 kVA	1.4 kVA	GOAL WENCH MOTOR	3/4"	#12	2#12	1	20 A	12
13	20 A	1	2#12	#12	3/4"	RCPT NE WALL	0.7 kVA	0.7 kVA					RCPT - SCORING COMP.	3/4"	#12	2#12	1	20 A	14
15	20 A	1	2#12	#12	3/4"	POPCORN MACHINE			1.5 kVA	0.7 kVA			HP-A	3/4"	#12	3#12	2	20 A	16
17	25 A	1	2#10	#10	3/4"	HEAT BOX					2.0 kVA	0.7 kVA							18
19	25 A	2	3#10	#10	3/4"	CU-1	1.2 kVA	3.4 kVA					AHU-1	3/4"	#10	3#8	2	45 A	20
21									1.2 kVA	3.4 kVA									22
23	25 A	2	3#10	#10	3/4"	CU-2					1.2 kVA	3.4 kVA	AHU-2	3/4"	#10	3#8	2	45 A	24
25							1.2 kVA	3.4 kVA											26
27	20 A	1	2#12	#12	3/4"	RCPT NORTH RR			0.4 kVA	0.7 kVA			RCPT NORTH T-BOOTH-2	3/4"	#12	2#12	1	20 A	28
29	20 A	1	2#12	#12	3/4"	RCPT NORTH STORAGE					0.4 kVA	0.7 kVA	RCPT OFFICE 2	3/4"	#12	2#12	1	20 A	30
31	20 A	1	2#12	#12	3/4"	RCPT - COMP. SECURITY	0.7 kVA	0.7 kVA					RCPT - A/V CLOSET	3/4"	#12	2#12	1	20 A	32
33	20 A	1	2#12	#12	3/4"	RCPT - SCORING COMP.			0.7 kVA	0.7 kVA			RCPT - COMP. SECURITY	3/4"	#12	2#12	1	20 A	34
35	20 A	1	2#12	#12	3/4"	RCPT - SCORING COMP.					0.7 kVA	0.7 kVA	RCPT - CONCESSION	3/4"	#12	2#12	1	20 A	36
37	20 A	1	2#12	#12	3/4"	RCPT NW WALL	0.9 kVA	1.2 kVA					EWC	3/4"	#12	2#12	1	20 A	38
39	20 A	1	2#12	#12	3/4"	RCPT - A/V CLOSET			0.7 kVA	0.9 kVA			RCPT OFFICE 1	3/4"	#12	2#12	1	20 A	40
41	20 A	1	2#12	#12	3/4"	RCPT - COMP. SECURITY					0.7 kVA	0.9 kVA	RCPT OFFICE 3	3/4"	#12	2#12	1	20 A	42
43	20 A	1	--	--	--	SPARE	0.0 kVA	0.0 kVA					SPARE	--	--	--	1	20 A	44
45	20 A	1	2#12	#12	3/4"	SCOREBOARD			1.2 kVA	0.0 kVA			SPARE	--	--	--	1	20 A	46
47	20 A	1	2#12	#12	3/4"	SCOREBOARD					1.2 kVA	0.0 kVA	SPARE	--	--	--	1	20 A	48
49	20 A	1	--	--	--	SPARE	0.0 kVA	0.0 kVA					SPD	--	--	--	3	60 A	50
51	20 A	1	--	--	--	SPARE			0.0 kVA	0.0 kVA									52
53	20 A	1	--	--	--	SPARE					0.0 kVA	0.0 kVA							54
							15986 VA		15829 VA		15659 VA								
							133 A		132 A		130 A								

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Cooling	4860 VA	0.01%	0 VA		
Heating	13646 VA	100.00%	13646 VA	**Total Conn. Load:**	47473 VA
Kitchen Equipment - Non-Dwelling Unit	3000 VA	100.00%	3000 VA	**Total Est. Demand:**	39713 VA
Motor	3223 VA	110.86%	3573 VA	**Total Conn.:**	132 A
Receptacle	16500 VA	80.30%	13250 VA	**Total Est. Demand:**	110 A
Power	4900 VA	100.00%	4900 VA		
HVAC	1344 VA	100.00%	1344 VA		

Load Summary Notes:

Branch Panel: LA2

Location: STORAGE 4
Supply From: T-2
Mounting: SURFACE
Enclosure: NEMA-1
Number of Sections:

Volts: 208Y/120
Phases: 3
Wires: 4

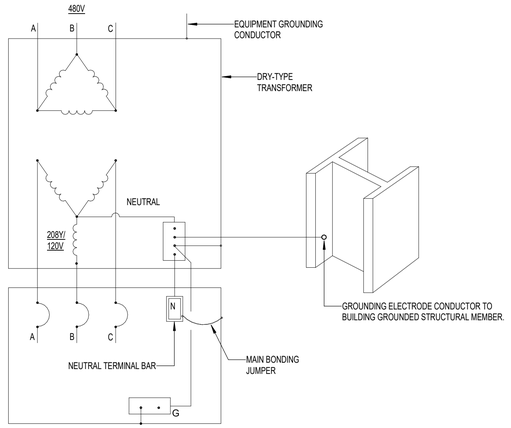
A.I.C. Rating: 10,000
Mains Rating: 150 A
MCB Rating: 150 A

Panel Schedule Notes:

CKT	TRIP	POLES	WIRE	GND	CONDUIT	Circuit Description	A		B		C		Circuit Description	CONDUIT	GND	WIRE	POLES	TRIP	CKT
1	20 A	1	2#12	#12	3/4"	SCOREBOARD	1.2 kVA	1.2 kVA					SCOREBOARD	3/4"	#12	2#12	1	20 A	2
3	20 A	1	2#12	#12	3/4"	RCPT - CONCESSION			0.4 kVA	1.4 kVA			GOAL WENCH MOTOR	3/4"	#12	2#12	1	20 A	4
5	20 A	1	2#12	#12	3/4"	RCPT - CONCESSION					0.7 kVA	1.4 kVA	GOAL WENCH MOTOR	3/4"	#12	2#12	1	20 A	6
7	20 A	1	2#12	#12	3/4"	RCPT EXTERIOR SOUTH	0.7 kVA	0.1 kVA					EF-4,5,6	3/4"	#12	2#12	1	20 A	8
9	20 A	1	2#12	#12	3/4"	RCPT SOUTH RR			0.4 kVA	0.4 kVA			RCPT SOUTH STORAGE	3/4"	#12	2#12	1	20 A	10
11	20 A	1	2#12	#12	3/4"	RCPT SE WALL					0.7 kVA	0.4 kVA	RCPT EXT SE	3/4"	#12	2#12	1	20 A	12
13	25 A	2	3#10	#10	3/4"	CU-3	1.2 kVA	0.4 kVA					RCPT T-BOOTH SOUTH-2	3/4"	#12	2#12	1	20 A	14
15									1.2 kVA	0.2 kVA			RCPT JANITOR CLST	3/4"	#12	2#12	1	20 A	16
17	20 A	1	2#12	#12	3/4"	RCPT SW WALL					0.9 kVA	1.2 kVA	EWC	3/4"	#12	2#12	1	20 A	18
19	20 A	1	2#12	#12	3/4"	RCPT T-BOOTH SOUTH-1	0.7 kVA	0.7 kVA					RCPT - A/V CLOSET	3/4"	#12	2#12	1	20 A	20
21	20 A	1	2#12	#12	3/4"	RCPT ENTRY			0.2 kVA	0.7 kVA			RCPT - COMP. SECURITY	3/4"	#12	2#12	1	20 A	22
23	20 A	1	2#12	#12	3/4"	RCPT SOUTH WALL					0.5 kVA	0.7 kVA	RCPT - COMP. SECURITY	3/4"	#12	2#12	1	20 A	24
25	20 A	1	2#12	#12	3/4"	RCPT - A/V CLOSET	0.7 kVA	0.7 kVA					RCPT - SCORING COMP.	3/4"	#12	2#12	1	20 A	26
27	20 A	1	2#12	#12	3/4"	RCPT - A/V CLOSET			0.7 kVA	0.2 kVA			WH-2 RECIRC PUMP	3/4"	#12	2#12	1	20 A	28
29	20 A	1	2#12	#12	3/4"	RCPT - SCORING COMP.					0.7 kVA	0.7 kVA	RCPT - COMP. SECURITY	3/4"	#12	2#12	1	20 A	30
31	20 A	1	2#12	#12	3/4"	RCPT - SCORING COMP.	0.7 kVA	1.5 kVA					CONCESSION COOLER	3/4"	#12	2#12	1	20 A	32
33	45 A	2	3#8	#10	3/4"	AHU-3			3.4 kVA	1.5 kVA			POPCORN MACHINE	3/4"	#12	2#12	1	20 A	34
35											3.4 kVA	0.7 kVA	RCPT STAGE	3/4"	#12	2#12	1	20 A	36
37	20 A	1	2#12	#12	3/4"	RCPT MAIN CRT SCORE TBL	0.7 kVA	0.7 kVA					RCPT SOUTH CRT SCR TBL	3/4"	#12	2#12	1	20 A	38
39	20 A	1	2#12	#12	3/4"	RCPT NORTH CRT SCR TBL			0.7 kVA	0.0 kVA			SPARE	--	--	--	1	20 A	40
41	20 A	1	--	--	--	SPARE					0.0 kVA	0.0 kVA	SPARE	--	--	--	1	20 A	42
43	20 A	1	--	--	--	SPARE	0.0 kVA	0.0 kVA					SPARE	--	--	--	1	20 A	44
45	20 A	1	--	--	--	SPARE			0.0 kVA	0.0 kVA			SPARE	--	--	--	1	20 A	46
47	20 A	1	--	--	--	SPARE					0.0 kVA	0.0 kVA	SPARE	--	--	--	1	20 A	48
49	20 A	1	--	--	--	SPARE	0.0 kVA	0.0 kVA											50
51	20 A	1	--	--	--	SPARE			0.0 kVA	0.0 kVA			SPD	--	--	--	3	60 A	52
53	20 A	1	--	--	--	SPARE					0.0 kVA	0.0 kVA							54
							11286 VA		11307 VA		12132 VA								
							94 A		94 A		101 A								

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Cooling	2430 VA	0.01%	0 VA		
Heating	6823 VA	100.00%	6823 VA	**Total Conn. Load:**	34724 VA
Kitchen Equipment - Non-Dwelling Unit	3000 VA	100.00%	3000 VA	**Total Est. Demand:**	29124 VA
Motor	3031 VA	111.55%	3381 VA	**Total Conn.:**	96 A
Receptacle	17040 VA	79.34%	13520 VA	**Total Est. Demand:**	81 A
Power	2400 VA	100.00%	2400 VA		

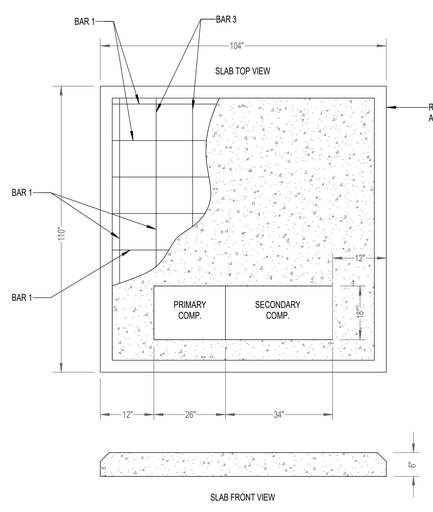
Load Summary Notes:



NOTE:
SUBMIT DIGITAL PHOTOS OF ALL GROUNDING TERMINATIONS

* REFER TO SPECIFICATION SECTION "GROUNDING" FOR ADDITIONAL REQUIREMENTS

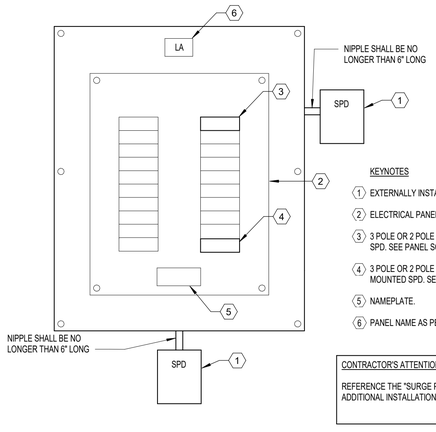
1 DETAIL - TRANSFORMER GROUNDING
N.T.S.



TRANSFORMER FOUNDATION GENERAL NOTES

1. USE THIS SPECIFICATION ONLY IF THE SOIL CAN SUPPORT THE SLAB WITHOUT USING PILES. CONSULT WITH UTILITY REPRESENTATIVE.
2. CONCRETE SHALL HAVE 3500 PSI MINIMUM 28 DAY COMRPESSIVE BREAKING STRENGTH.
3. REINFORCEMENT SHALL BE DEFORMED BARS MEETING ASTM A615, GRADE 60 REQUIREMENTS.
4. FOR BARS IDENTIFIED AS BAR 1, PLACE ONLY ONE (1) BAR BETWEEN CONDUIT OPENING AND BOTTOM EDGE.
5. FOR BARS IDENTIFIED AS BAR 2, EVENLY SPACE TWO (2) OF THE BARS ON EACH SIDE OF THE OPENING.
6. FOR BARS IDENTIFIED AS BAR 3, AND BAR 4, EVENLY SPACE THE REQUIRED NUMBER OF BARS NO CLOSER THAN 2" FROM EACH EDGE.
7. THIS SLAB DOES NOT PROVIDE TRAFFIC GUARD PROTECTION. CONSULT WITH UTILITY COMPANY TO DISCUSS IF THIS PROTECTION IS NECESSARY.
8. SLAB IS USED FOR LOOP FEED AND RADIAL TRANSFORMERS.

2 DETAIL - UTILITY TRANSFORMER HOUSEKEEPING PAD
N.T.S.



KEYNOTES

1. EXTERNALLY INSTALLED SPD.
2. ELECTRICAL PANEL.
3. 3 POLE OR 2 POLE CIRCUIT BREAKER POSITION FOR TOP MOUNTED SPD. SEE PANEL SCHEDULE.
4. 3 POLE OR 2 POLE CIRCUIT BREAKER POSITION FOR BOTTOM MOUNTED SPD. SEE PANEL SCHEDULE.
5. NAMEPLATE.
6. PANEL NAME AS PER PROJECT PANEL.

CONTRACTOR'S ATTENTION:

REFERENCE THE "SURGE PROTECTION DEVICE" SPECIFICATION FOR ADDITIONAL INSTALLATION REQUIREMENTS.

VERTICAL ORIENTATION

3 DETAIL - EXTERNAL SPD INSTALLATION
N.T.S.

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PANEL SCHEDULES

CITY OF OPELOUSAS

SOUTH CITY PARK CENTER

South City Park, 1524 Market St, Opelousas, LA 70570 St. Landry Parish

PROJECT ID: 20231117

db | ARCHITECTURE OF ACADIANA, LLC
TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

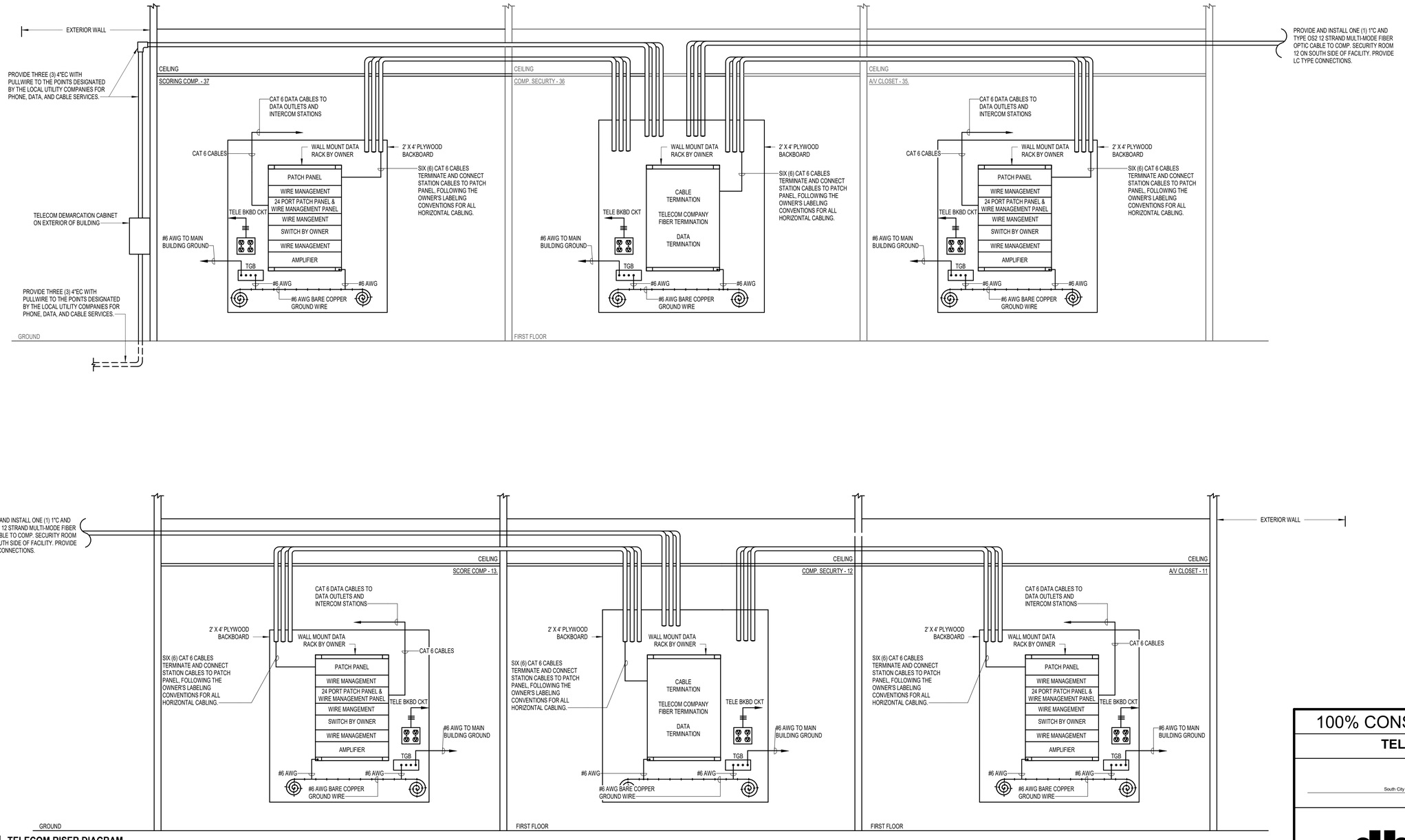
#	BY	DATE	REVISION

PARISH ENGINEERING
7600 Innovation Park Drive
Baton Rouge, LA 70820
225.332.0222
parisheng.com | #24-109

STATE OF LOUISIANA
MICHAEL L. PARISH, III
LICENSED PROFESSIONAL ENGINEER
ELECTRICAL ENGINEERING
1/17/2025

PROJECT NUMBER: 20231117
DATE: 01/17/2025

E201



1 TELECOM RISER DIAGRAM
N.T.S.

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TELECOM RISER DIAGRAM

CITY OF OPELOUSAS

SOUTH CITY PARK CENTER

South City Park, 1524 Market St, Opelousas, LA 70570 St. Landry Parish

PROJECT ID: 20231117

db | ARCHITECTURE OF ACADIANA, LLC

TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

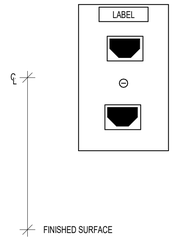
PARISH ENGINEERING
7600 Innovation Park Drive 225.332.0222
Baton Rouge, LA 70820 parisheng.com | #24-109

STATE OF LOUISIANA · MICHAEL [illegible] · REGISTERED PROFESSIONAL ENGINEER
1/17/2025

PROJECT NUMBER: 20231117

DATE: 01/17/2025

E300



1 DETAIL - DATA LABELING
N.T.S.

TYPICAL PANELBOARD PLAQUE

(INDICATE PANEL DESIGNATION)

__/__ VOLTS __ PHASE __ WIRE
__ AMPS MAIN __
FED FROM
(INDICATE FEEDER ORIGINATION I.D.)
(PANEL AND CIRCUIT NO.)

TYPICAL DISCONNECT PLAQUE

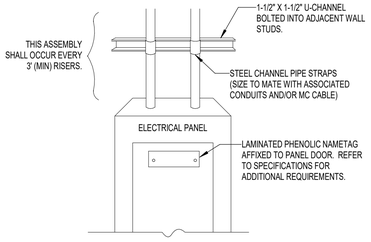
(INDICATE EQUIPMENT DESCRIPTION)

FUSED AT __ AMPERES
FED FROM
(INDICATE FEEDER ORIGINATION I.D.)
(PANEL AND CIRCUIT NO.)

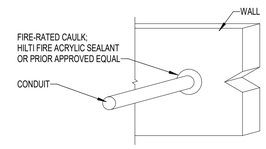
SEE SPECIFICATIONS FOR MATERIALS, COLORS SIZE LETTERING, ETC.

ATTACH PLAQUES USING INDUSTRIAL GRADE DOUBLE FACE ADHESIVE.

2 DETAIL - EQUIPMENT SIGNAGE
N.T.S.

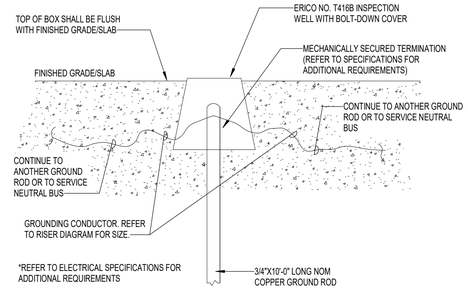


3 DETAIL - CONDUIT SUPPORT
N.T.S.



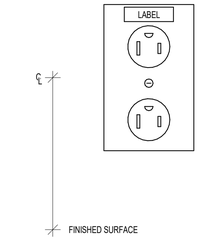
ALL PENETRATIONS THROUGH FIRE-RATED WALLS SHALL UTILIZE FIRE-RATED CAULK OR PRIOR APPROVED FIRE-STOPPING MATERIAL WITH BACKING MATERIAL.

4 DETAIL - FIRE-RATED WALL PENETRATION
N.T.S.

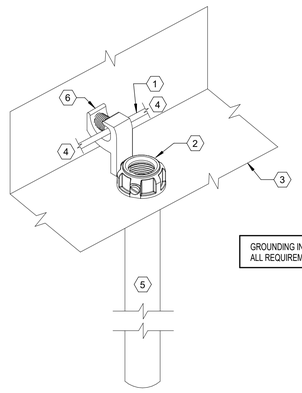


NOTE:
SUBMIT DIGITAL PHOTOS OF ALL GROUNDING TERMINATIONS

5 DETAIL - GROUND ROD INSTALLATION
N.T.S.



6 DETAIL - RECEPTACLE LABELING
N.T.S.

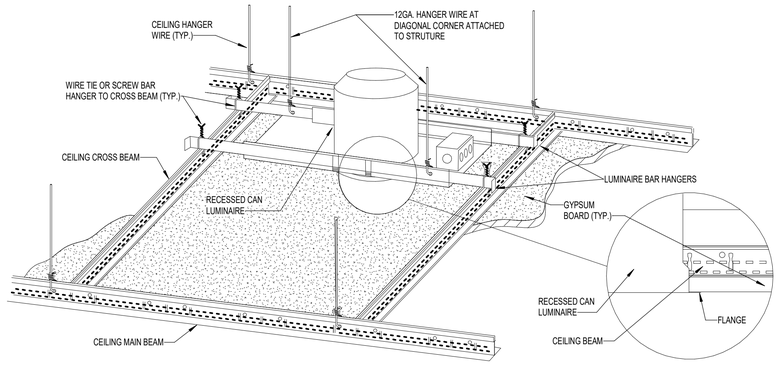


DETAIL KEYNOTES

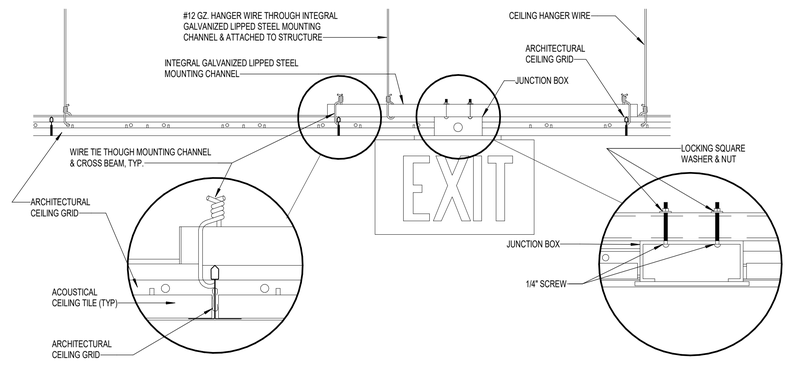
1. SUPPLY SIDE EQUIPMENT BONDING JUMPER.
2. UL 467 LISTED GROUNDING BUSHING BY APPLETON, EATON, OR APPROVED EQUIVALENT.
3. ENCLOSURE.
4. TO ENCLOSURE GROUND BUS OR ADDITIONAL CONDUITS (AS REQUIRED).
5. INCOMING CONDUIT.
6. INTEGRAL BRACKET FOR ATTACHMENT OF BONDING JUMPER.

GROUNDING INSTALLATION SHALL MEET ALL REQUIREMENTS OF NEC 250.92.

7 DETAIL - CONDUIT GROUND BUSHING
N.T.S.



8 DETAIL - DOWNLIGHT MOUNTING
N.T.S.

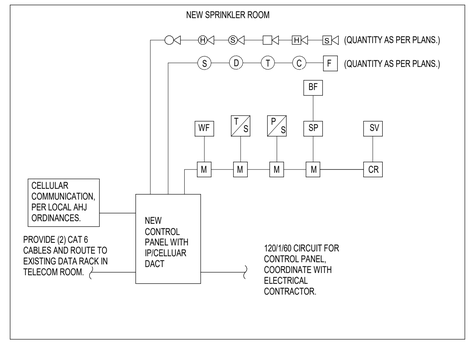


9 DETAIL - EXIT SIGN MOUNTING
N.T.S.

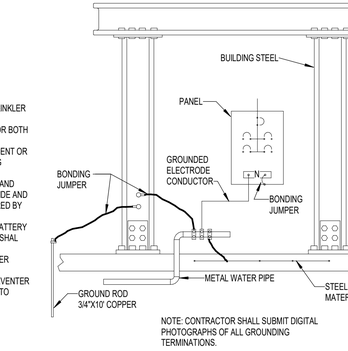
SYMBOL SCHEDULE	
S	ADDRESSABLE SMOKE DETECTOR
M	ADDRESSABLE MONITOR MODULE.
WF	WATER FLOW SWITCH.
SP	SURGE PROTECTOR.
BF	BACKFLOW PREVENTOR.
SV	SOLENOID VALVE.
CR	CONTROL RELAY.
T/S	TAMPER SWITCH.
P/S	PRESSURE SWITCH.
	FIRE ALARM SYSTEM CEILING MOUNT STROBE.
H	FIRE ALARM SYSTEM CEILING MOUNT HORN/STROBE.
S	FIRE ALARM SYSTEM CEILING MOUNT SPEAKER/STROBE.
	FIRE ALARM SYSTEM STROBE.
H	FIRE ALARM SYSTEM HORN/STROBE.
S	FIRE ALARM SYSTEM SPEAKER/STROBE.
F	FIRE ALARM SYSTEM PULL STATION.
D	FIRE ALARM SYSTEM DUCT SMOKE DETECTOR.
T	FIRE ALARM SYSTEM THERMAL DETECTOR.
C	FIRE ALARM SYSTEM CARBON MONOXIDE DETECTOR.

SPRINKLER RISER GENERAL NOTES

1. PROVIDE AND INSTALL AN ADDRESSABLE SPRINKLER MONITORING SYSTEM WITH IP/CELLULAR COMMUNICATOR. PANEL SHALL BE LISTED FOR BOTH PRE-ACTION AND DELUGE OPERATION.
2. PROVIDE FIRST YEAR'S MONITORING AGREEMENT OR PROGRAM SYSTEM TO OWNER'S MONITORING COMPANY.
3. INSTALLATION AND CABLE SHALL MEET NFPA AND NEC CODE FOR FIRE ALARM SYSTEMS. PROVIDE AND INSTALL SURGE PROTECTION WHERE REQUIRED BY CODE.
4. CONTRACTOR SHALL PREPARE SUBMITTAL, BATTERY CALCULATIONS, AND FEE TO STATE FIRE MARSHAL REVIEW.
5. PROVIDE NECESSARY MODULE QUANTITIES PER SPRINKLER SYSTEM.
6. PROVIDE 1" CONDUIT TO SITE BACKFLOW PREVENTER LOCATION (COORDINATE IN ADVANCE) SO AS TO PROVIDE REQUIRED MONITORING.

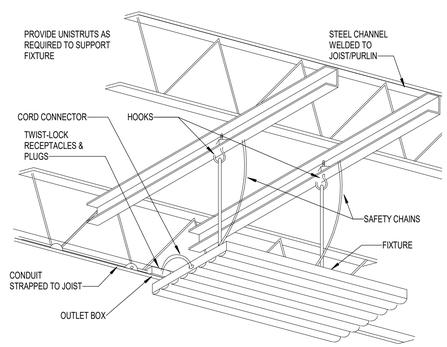


10 DETAIL - SPRINKLER/FIRE ALARM MONITORING
N.T.S.



NOTE: CONTRACTOR SHALL SUBMIT DIGITAL PHOTOGRAPHS OF ALL GROUNDING TERMINATIONS.

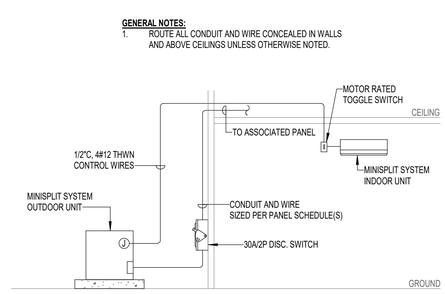
11 DETAIL - GROUNDING TO BLDG STEEL
N.T.S.



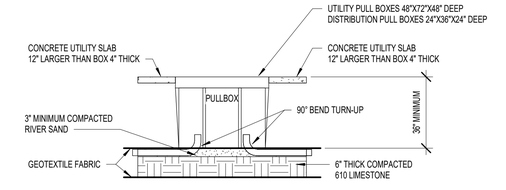
12 DETAIL - HIGH-BAY LED FIXTURE MOUNTING
N.T.S.

GENERAL NOTES:

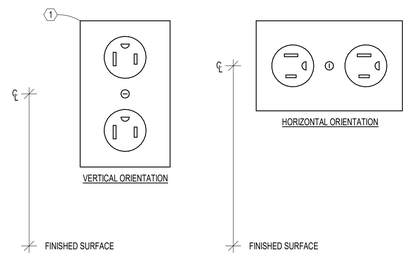
1. ROUTE ALL CONDUIT AND WIRE CONCEALED IN WALLS AND ABOVE CEILINGS UNLESS OTHERWISE NOTED.



13 DETAIL - MINI SPLIT SYSTEM
N.T.S.



14 DETAIL - PULL BOX
N.T.S.



KEYNOTES

1. REFER TO SPECIFICATIONS FOR RECEPTACLE REQUIREMENTS.
2. UNLESS DENOTED OTHERWISE ON PLANS, MOUNTING HEIGHT IS FROM FINISHED SURFACE (FLOOR/GRADE/COUNTER TOP/ETC...) TO CENTERLINE OF DEVICE.

15 DETAIL - RECEPTACLE
N.T.S.

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ELECTRICAL DETAILS

CITY OF OPELOUSAS

SOUTH CITY PARK CENTER

South City Park, 1524 Market St, Opelousas, LA 70570 St. Landry Parish

PROJECT ID: 20231117

dbARCHITECTURE OF ACADIANA, LLC
TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

PARISH ENGINEERING
7600 Innovation Park Drive
Baton Rouge, LA 70820
225.332.0222
parisheng.com | #24-109

STATE OF LOUISIANA — MICHAEL J. PERRY, III — ELECTRICAL ENGINEER
1/17/2025

PROJECT NUMBER: 20231117
DATE: 01/17/2025

E400