

- ### 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.
  - Portable 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, ceiling sound attenuation panels.  
**ADD ALTERNATE #2:** Operable bleachers in lieu of portable aluminum bleachers.  
**ADD ALTERNATE #3:** 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, continuous vinyl wall padding (Marked P1) at west wall of biddy courts 168 linear foot, (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, PBI panels, 36" width, exposed fastener system, 26 gauge. R25 insulation at roof and 6" V.R.R. 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, 26 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: 1 1/2:12 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: 1 1/2:12 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

# 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

### BUILDING INFORMATION

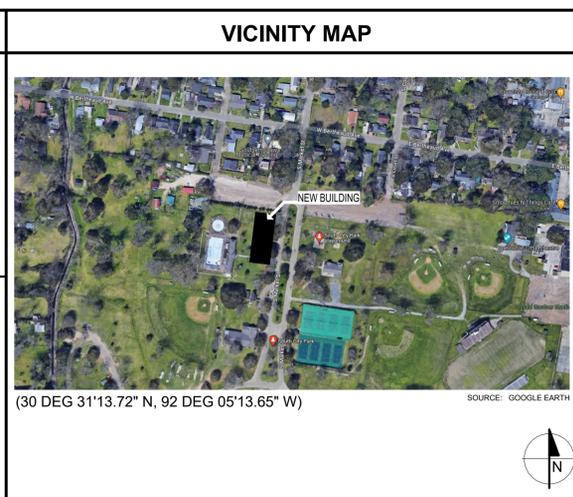
<b>BUILDING INFO (ENTIRE, INCLUDES BOTH SIDES)</b>	COMMUNITY CENTER
CATEGORY	COMMUNITY CENTER
USE	ASSEMBLY
BUILDING CONSTRUCTION TYPES	TYPE: II B
NUMBER OF STORIES	(1)
BUILDING HEIGHT	27'
BUILDING AREA	18398 sf
OCCUPANCY TYPE	GROUP A-4 (IBC 2015)
AUTOMATIC SPRINKLER SYSTEM PER STORY	YES
ALLOWABLE FLOOR AREA	NOT LIMITED
OCCUPANT LOAD	541 OCCUPANTS
EGRESS WIDTH - DOORS - 0.2INCH/OCC	541X.2 = 108.26 = 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  
 2020 NFPA 70: NATIONAL ELECTRICAL CODE  
 2021 INTERNATIONAL FUEL GAS CODE

(WITH STATE AMENDMENTS)

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



### PROJECT SHEET INDEX - CONTINUED

Sheet #	Sheet Name	Sheet #	Sheet Name
S0.01	GENERAL NOTES & INDEX	A114	ROOF PLAN
S1.01	FOUNDATION PLAN	A115	ROOF DETAILS
S2.01	FOUNDATION DETAILS	A117	REFLECTED CEILING PLANS
S3.01	FRAMING PLAN	A118	OPENING PLAN - ZYDECO CENTER
A101	ARCHITECTURAL SITE PLAN	A119	OPENING PLAN - SPICE CENTER
A103	SITE RELATED	A200	ELEVATIONS
A106	LIFE SAFETY PLAN - ZYDECO CENTER	A300	WALL TYPE DETAILS
A107	LIFE SAFETY PLAN - SPICE CENTER	A301	WALL SECTIONS
A108	SLAB PLAN	A302	WALL SECTION DETAILS
A110	FLOOR PLAN - OVERALL	A305	BUILDING SECTIONS
A111	ENLARGED FLOOR PLAN - ZYDECO CENTER	A400	INTERIOR ELEVATIONS
A112	ENLARGED FLOOR PLAN - SPICE CENTER	A401	INTERIOR ELEVATIONS
A113	ENLARGED PLANS	A500	DETAILS
A114	ROOF PLAN	A600	FLOORING FINISH PLAN & EQUIPMENT
A115	ROOF DETAILS	A603	FINISH SCHED & PLAN - ZYDECO & SPICE CENTERS
A117	REFLECTED CEILING PLANS	A604	FINISH BOARD, SCHEDULE, & PLAN - SPICE CENTER
A118	OPENING PLAN - ZYDECO CENTER	A700	3D VIEWS
A119	OPENING PLAN - SPICE CENTER	A701	3D VIEWS
A200	ELEVATIONS	M001	MECHANICAL COVER SHEET
A300	WALL TYPE DETAILS	M100	MECHANICAL PLAN - OVERALL
A301	WALL SECTIONS	M101	MECHANICAL PLANS - ENLARGED
A302	WALL SECTION DETAILS	M200	MECHANICAL RENDERING
A305	BUILDING SECTIONS	M300	MECHANICAL DETAILS
A400	INTERIOR ELEVATIONS	M301	MECHANICAL DETAILS
A401	INTERIOR ELEVATIONS	M302	MECHANICAL DETAILS
A500	DETAILS	M400	MECHANICAL SCHEDULES
A600	FLOORING FINISH PLAN & EQUIPMENT	M401	MECHANICAL SCHEDULES
A603	FINISH SCHED & PLAN - ZYDECO & SPICE CENTERS	P001	PLUMBING COVER SHEET
A604	FINISH BOARD, SCHEDULE, & PLAN - SPICE CENTER	P100	PLUMBING PLAN - SANITARY SEWER
A700	3D VIEWS	P101	PLUMBING PLAN - DOMESTIC WATER & NAT.GAS
A701	3D VIEWS	P102	PLUMBING PLANS - ENLARGED
M001	MECHANICAL COVER SHEET	P200	SANITARY RISER DIAGRAM
M100	MECHANICAL PLAN - OVERALL	P201	DOMESTIC WATER & NATURAL GAS RISER DIAGRAM
M101	MECHANICAL PLANS - ENLARGED	P300	PLUMBING DETAILS
M200	MECHANICAL RENDERING	P400	PLUMBING SCHEDULES
M300	MECHANICAL DETAILS	S001	SPRINKLER COVER SHEET
M301	MECHANICAL DETAILS	S100	SPRINKLER PLAN
M302	MECHANICAL DETAILS	E001	ELECTRICAL COVER SHEET
M400	MECHANICAL SCHEDULES	E100	ELECTRICAL SITE PLAN
M401	MECHANICAL SCHEDULES	E101	POWER PLAN
P001	PLUMBING COVER SHEET	E102	LIGHTING PLAN
P100	PLUMBING PLAN - SANITARY SEWER	E200	RISER DIAGRAM & PANEL SCHEDULES
P101	PLUMBING PLAN - DOMESTIC WATER & NAT.GAS	E201	PANEL SCHEDULES
P102	PLUMBING PLANS - ENLARGED	E300	TELECOM RISER DIAGRAM
P200	SANITARY RISER DIAGRAM	E400	ELECTRICAL DETAILS
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		
E101	POWER PLAN		
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

### COVER SHEET

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

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

#	BY	DATE	REVISION
01	JO	10/23/2025	"Alternates" #1 & #3 description (Addendum #2)
02	JO	10/27/2025	"Alternates" #3 description & Scope Summary (Addendum #3)

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





100% CONSTRUCTION DOCUMENTS

EXISTING SITE IMAGES

CITY OF OPELOUSAS  
**SOUTH CITY 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	PROJECT NUMBER:
				<b>20231117</b>
				DATE:
				01/17/2025
				<b>A003</b>





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.

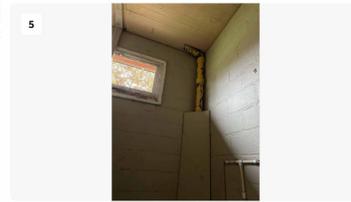
The results of the lead sampling done by XRF analysis were applied to one-hundred and two (102) sampled areas of the building's interior and exterior which represent the construction types and apparent paint history in the aforementioned structure. Of which areas were sampled, twenty-nine (29) sample(s) were determined to exceed the threshold of 1.0 mg/cm<sup>2</sup> (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

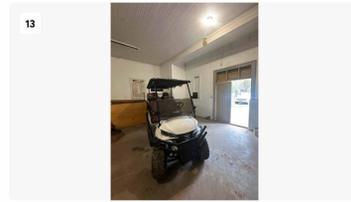
\*Licensed in Louisiana, Texas, Mississippi, Alabama, Florida, Wisconsin, Ohio



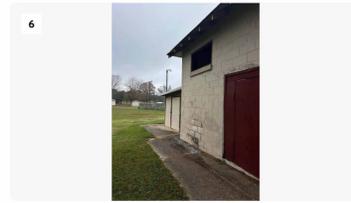
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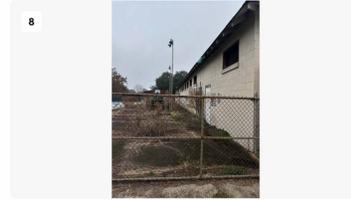
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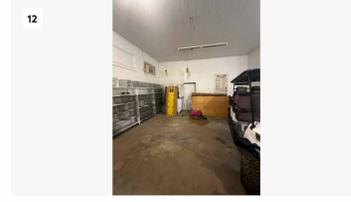
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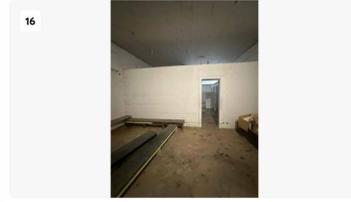
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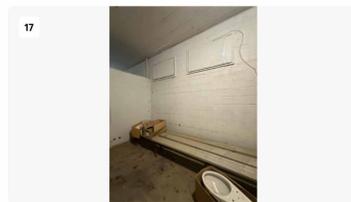
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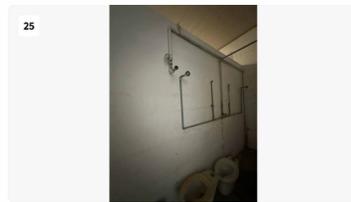
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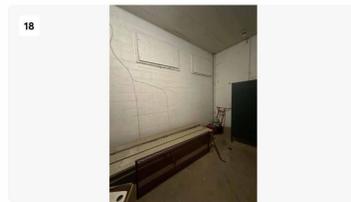
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**100% CONSTRUCTION DOCUMENTS**

**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. 1058  
REGISTERED ARCHITECT

PROJECT NUMBER:  
**20231117**

DATE:  
01/17/2025

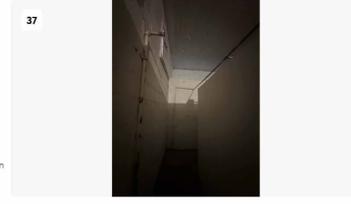
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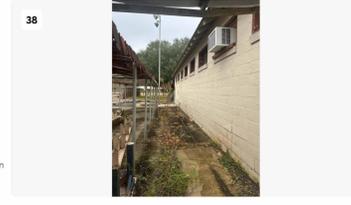
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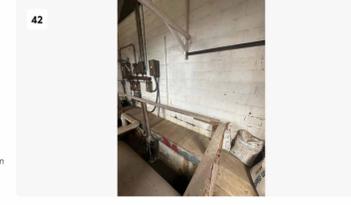
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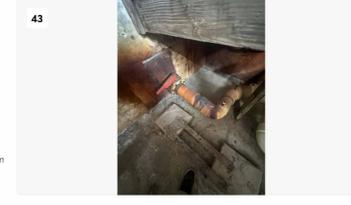
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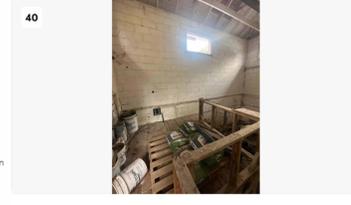
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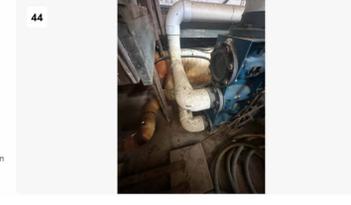
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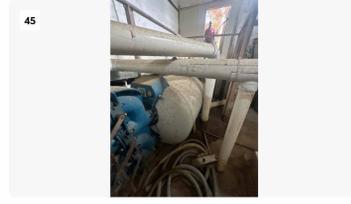
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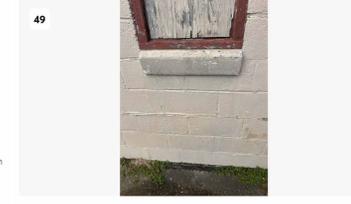
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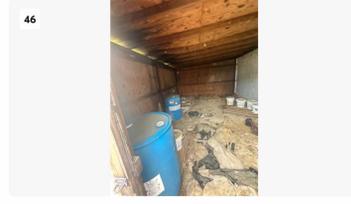
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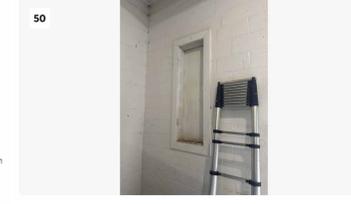
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Creator: Jacques Comb



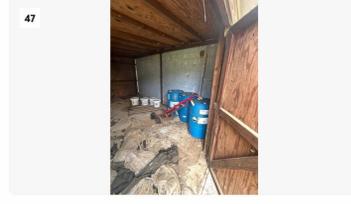
Project: 245224 - ASB/LPS - South City Park Ass & LPS Inspection  
Date: 12/17/2024, 10:55am  
Creator: Jacques Comb  
Tags: Positive for Lead



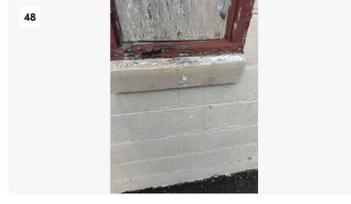
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Date: 12/17/2024, 10:20am  
Creator: Jacques Comb



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

100% CONSTRUCTION DOCUMENTS  
ENVIRONMENTAL - ASBESTOS REPORT

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



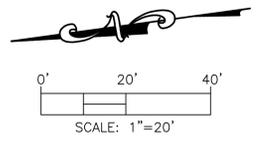
TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com  
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION



PROJECT NUMBER:  
**20231117**  
DATE:  
01/17/2025  
**EV102**





ROUGH GRADING PLAN

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

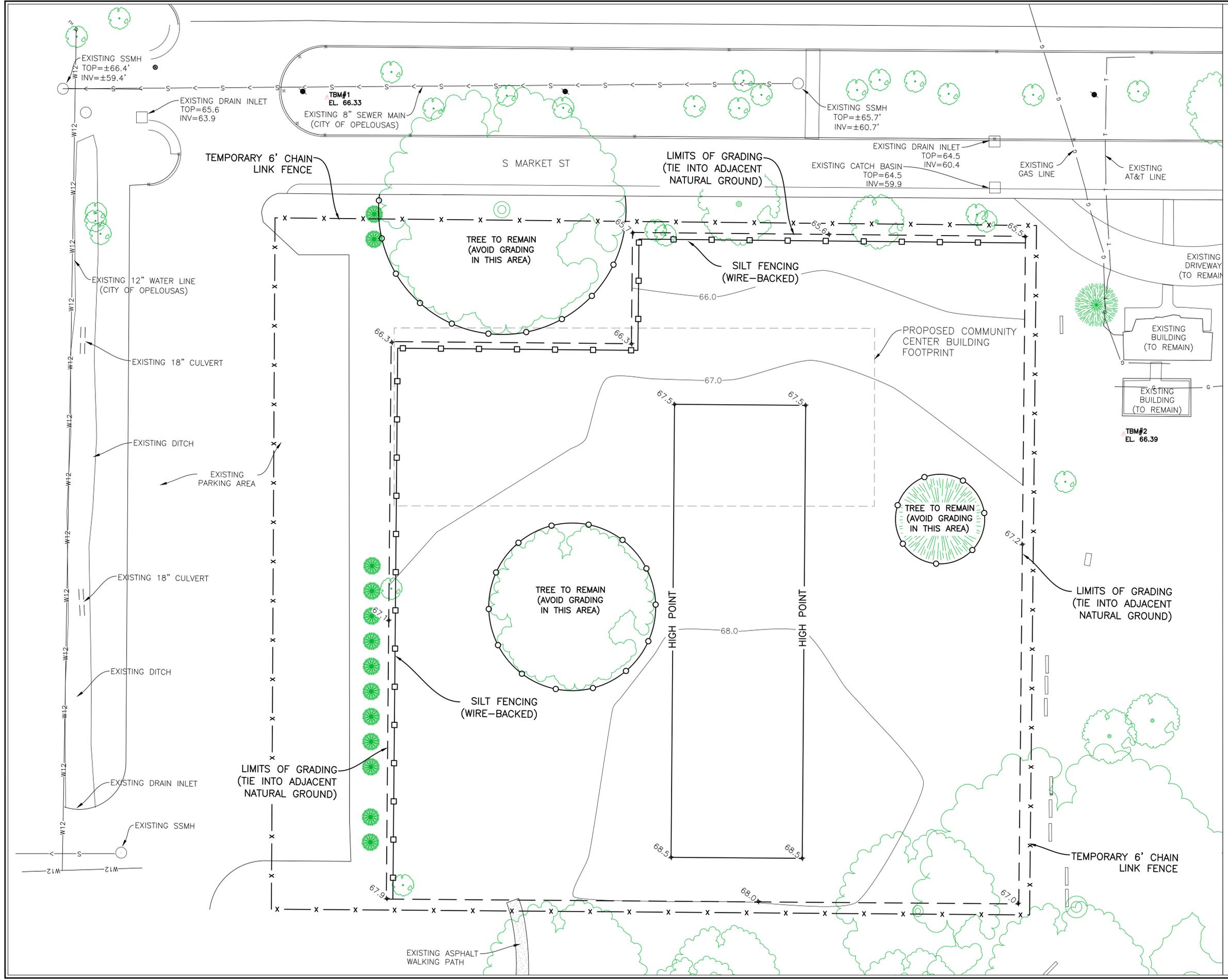


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CHECKED BY:  
L. ROBICHAUX  
ENGINEER:  
L. ROBICHAUX  
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1/17/2025

SHEET  
C-2

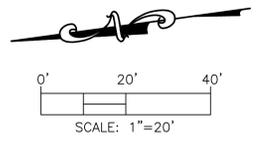


- ROUGH GRADING NOTES:**
- PROPOSED ELEVATIONS SHOWN INDICATE ROUGH DIRT GRADES FOLLOWING DEMOLITION OPERATIONS. CONTRACTOR SHALL RESTORE AND LEVEL THE SITE BY BACKFILLING ALL DEPRESSIONS AND LOW AREAS IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND ENSURE POSITIVE DRAINAGE.
  - ALL ELEVATIONS ARE REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88), U.S. SURVEY FEET (GEOID 12B).
  - 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.
  - 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.
  - CONTRACTOR TO CLEAR UNDERGROWTH & DEAD WOOD WITHOUT DISTURBING SUBSOIL.
  - THE EXISTING SUBGRADE SHALL BE PROOF-ROLLED AND THE TOP 6-INCHES SHALL BE COMPACTED TO 95% MAXIMUM DRY DENSITY PER ASTM D698.
  - 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.
  - 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.
  - 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:**

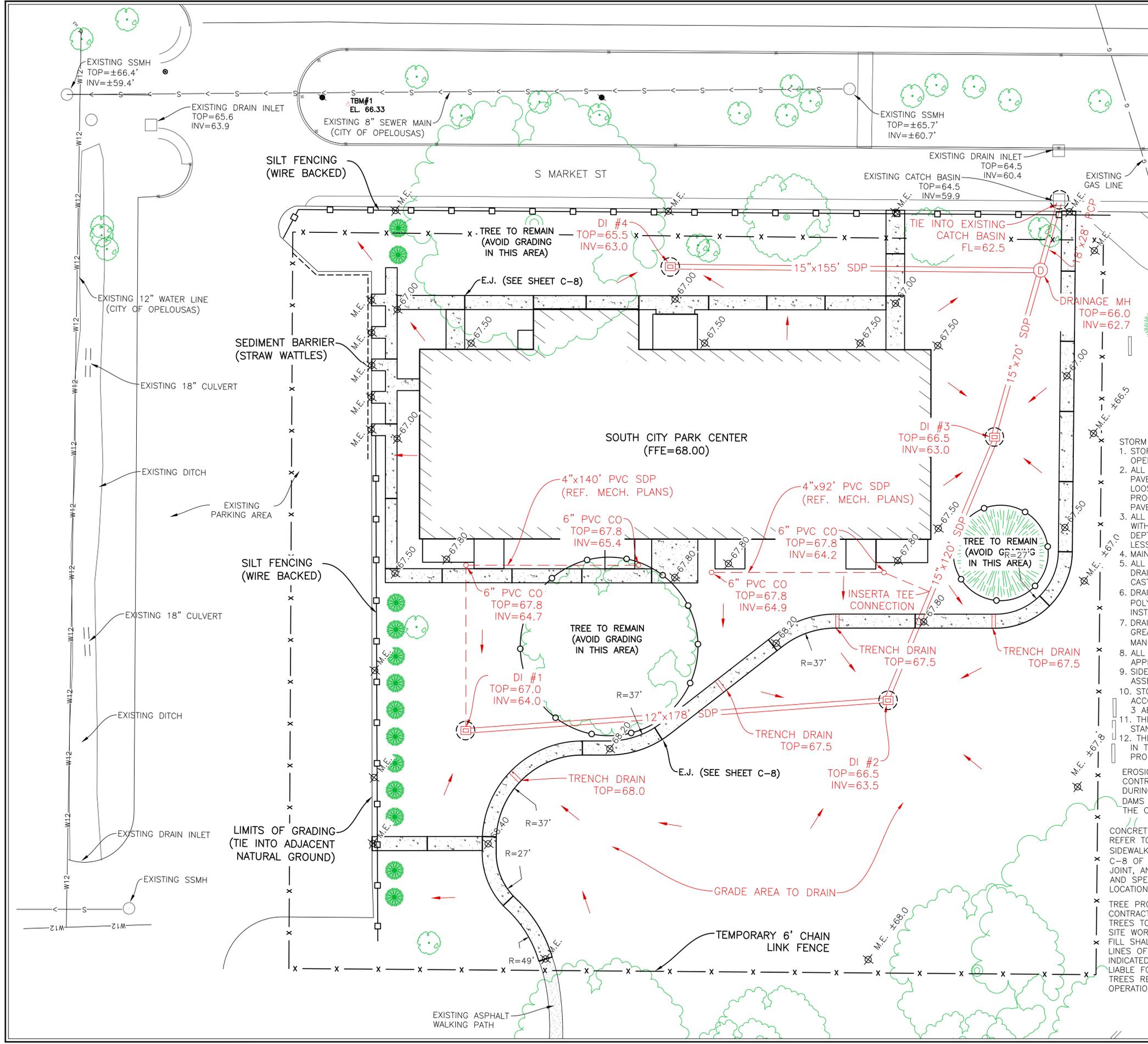
SILT FENCING	—□—□—
TEMPORARY 6' CHAIN LINK FENCE	—x—x—
TREE PROTECTION FENCE (4' HEIGHT)	—○—○—
LIMITS OF ROUGH GRADING	— — — —



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L. ROBICHAUX  
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- 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 NYLPLAST 30" (TYPE B) GRATE ASSEMBLIES, 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)	

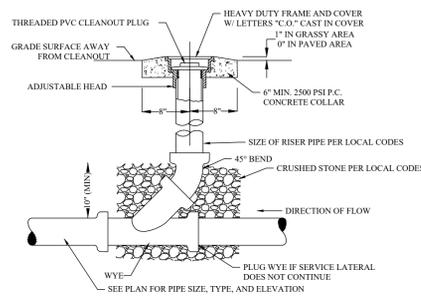




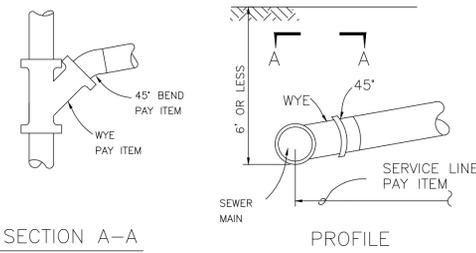
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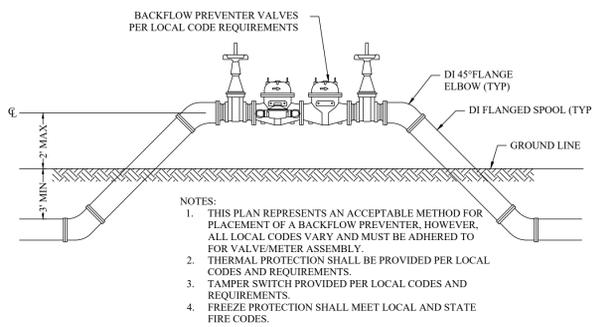
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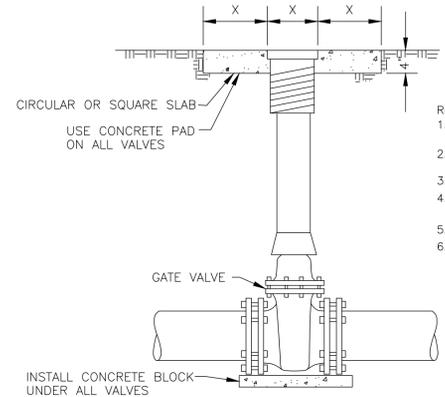
**SANITARY SEWER CLEAN-OUT**  
NTS



**SEWER SERVICE CONNECTION (WITHOUT RISER)**  
NTS

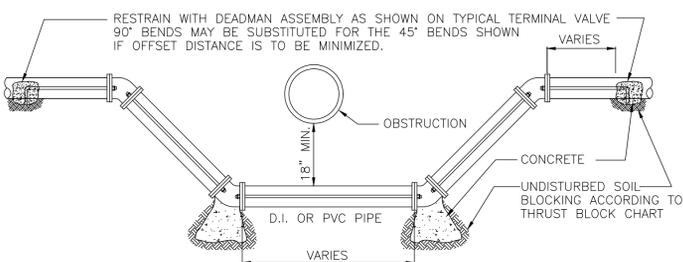


**ABOVE GROUND BACKFLOW PREVENTER**  
NTS



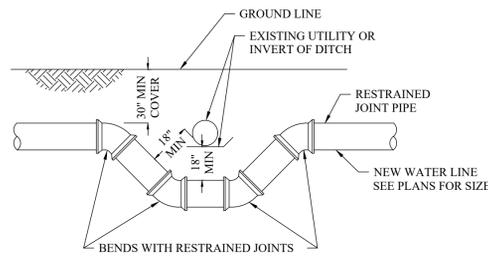
**TYPICAL VALVE & BOX INSTALLATION**

- 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).

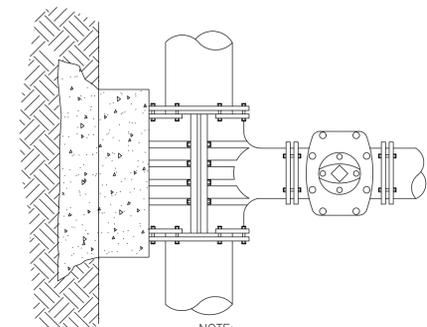


**TYPICAL OFFSET - 6" MAIN AND LARGER**

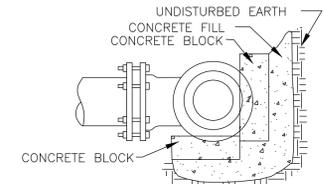
NOTE: RESTRAIN 6", & 8" PIPE BY MEANS OF TWO ZINC COATED ALL THREAD RODS. RESTRAIN 10" AND LARGER PIPE BY MEANS OF FOUR ZINC COATED ALL THREAD RODS.



**WATER LINE OFFSET DETAIL**  
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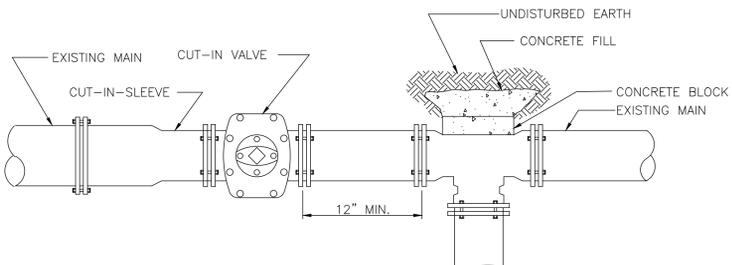


**TYPICAL TAPPING SLEEVE & VALVE**

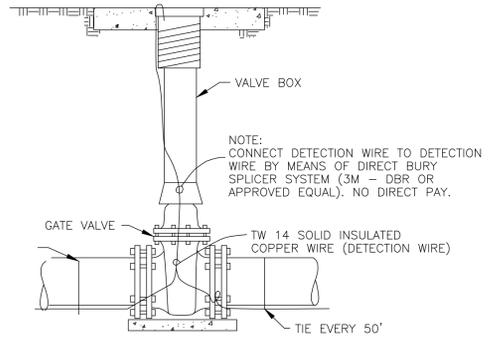


**THRUST BLOCKS AT TEES**

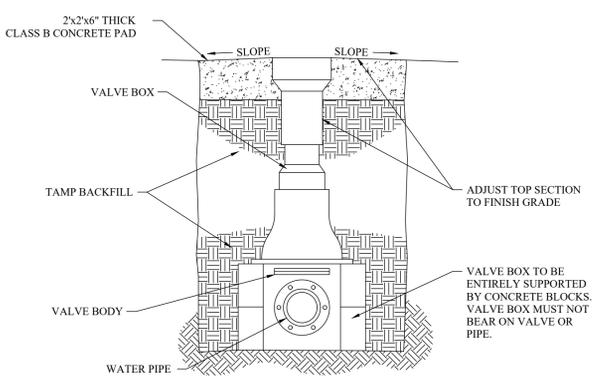
NOTE: CONCRETE FILL (1-2-5) MUST BE POURED IN PLACE. COARSE AGGREGATE IS REQUIRED. FILL MUST BE THOROUGHLY MIXED PRIOR TO BEING POURED.



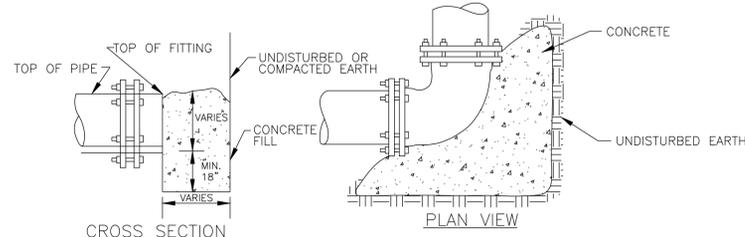
**TYPICAL CUT IN SLEEVE & VALVE AND TEE**



**TYPICAL DETECTION WIRE INSTALLATION**



**GATE VALVE**  
NTS



PIPE SIZE	THRUST BLOCK BEARING AREA IN SQUARE FEET			
	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**

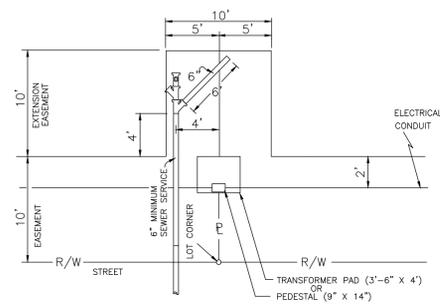
GENERAL:  
NO VALVE SHALL BE OPERATED TO ALLOW WATER TO BE TRANSMITTED FROM A MUNICIPALITY UTILITIES SYSTEM SOURCE WITHOUT THE DIRECT SUPERVISION OF THE GOVERNING MUNICIPALITY. VIOLATORS WILL BE PROSECUTED.  
DEAD END MAINS MUST BE RESTRAINED BY MEANS A CONCRETE DEADMAN SYSTEM.



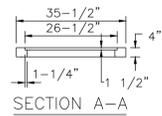
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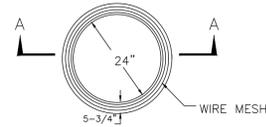
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SEWER SERVICE IN UTILITIES EASEMENT

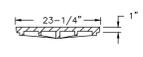


SECTION A-A

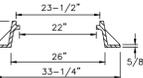


CONCRETE ADJUSTING DONUT

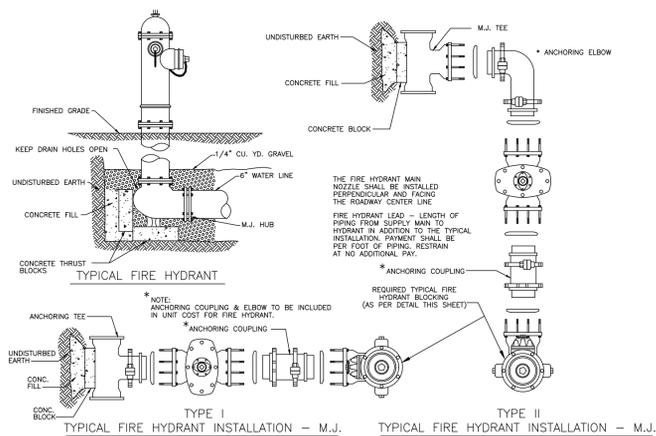
COVER  
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RING  
TYPE V-1503 (OAE)

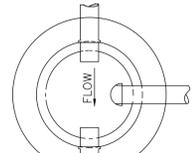


MANHOLE FRAME AND COVER

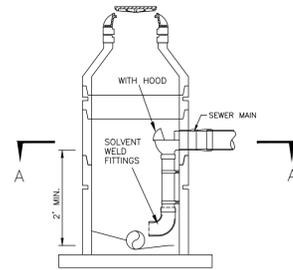


TYPICAL FIRE HYDRANT INSTALLATION - M.J.

TYPICAL FIRE HYDRANT INSTALLATION - M.J.



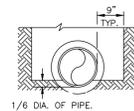
SECTION A-A



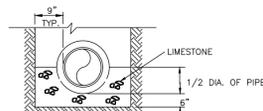
NOTE: DROP TO BE THE SAME SIZE AS THE SEWER MAIN.

TYPICAL MAIN LINE DROP MANHOLE

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

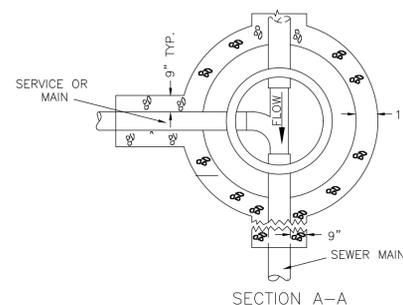


TYPE I

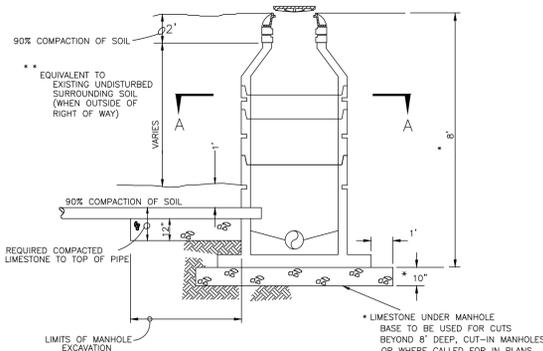


TYPE II

TYPICAL SEWER FOUNDATIONS



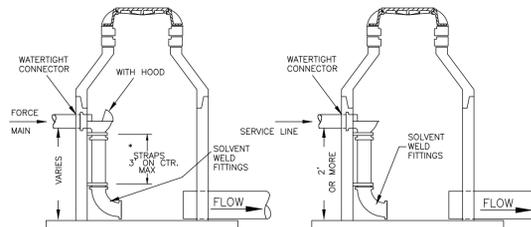
SECTION A-A



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.

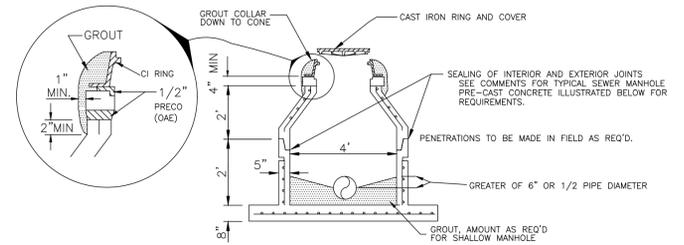
INSIDE MANHOLE DROPS



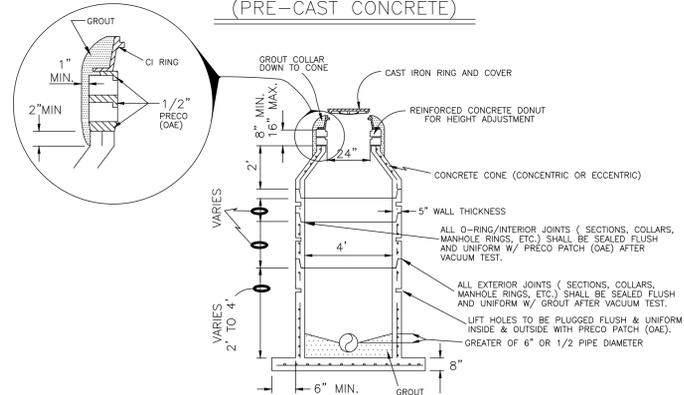
FORCE MAIN TIE-IN

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 TYPE 316.  
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.



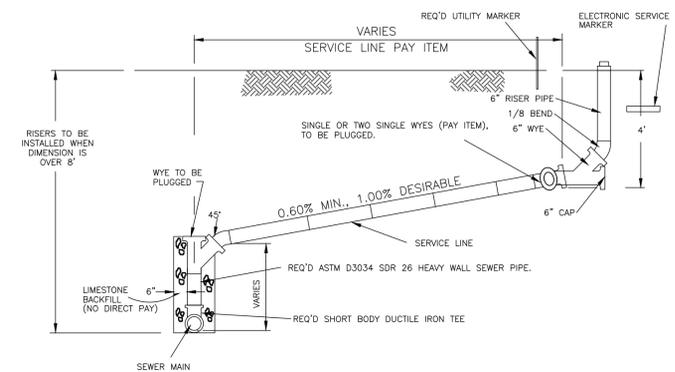
SHALLOW SEWER MANHOLE (PRE-CAST CONCRETE)



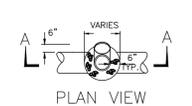
TYPICAL SEWER MANHOLE (PRE-CAST CONCRETE)

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) WATER-TIGHT 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.

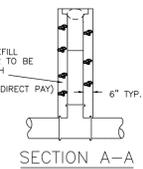


SEWER SERVICE CONNECTION (WITH RISER)

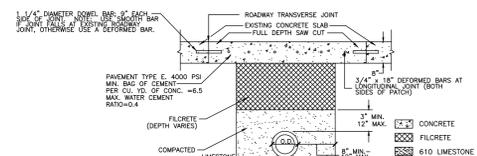


PLAN VIEW

BACKFILL FOR 6" SERVICE RISER



SECTION A-A



TYPICAL STREET REPAIR 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" EMBEDDED INTO EXISTING CONCRETE SPACED AT 2' ON CENTER. USE SMOOTH DOWEL BARS AT EXISTING ROADWAY JOINT ONLY. OTHERWISE USE DEFORMED DOWEL BARS. DOWEL BARS AT LONGITUDINAL JOINT MUST BE 5/8" IN DIAMETER DEFORMED BARS, 18" LONG WITH 9" EMBEDDED 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 REFLECTORS DESTROYED SHALL BE REPLACED. MATERIAL AND INSTALLATIONS SHALL MEET THE GOVERNING REVIEW AGENCY'S STANDARD SPECIFICATIONS FOR THESE ITEMS.

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.



NO.	DATE	REVISION DESCRIPTION

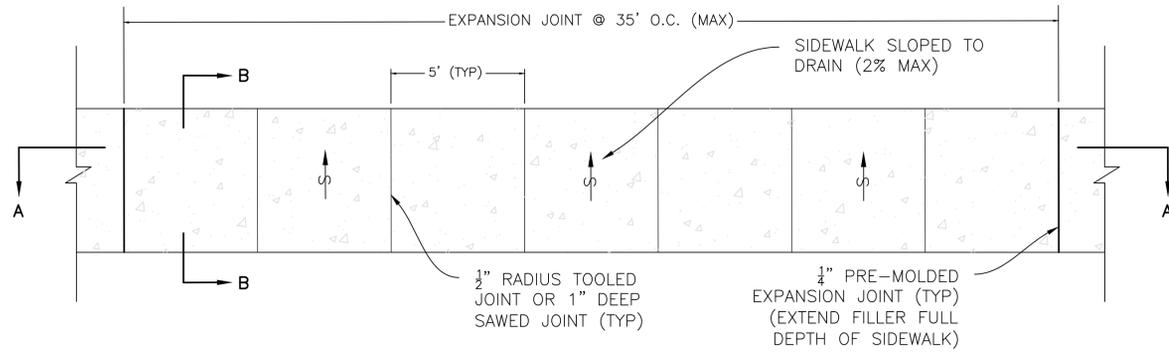
DRAWN BY:  
T. CORMIER  
CHECKED BY:  
L. ROBICHAUX  
ENGINEER:  
L. ROBICHAUX  
FILE:  
SEE LEFT  
LCR PROJ #  
24-128  
DATE:  
1/17/2025

**CONCRETE PAVING NOTES:**

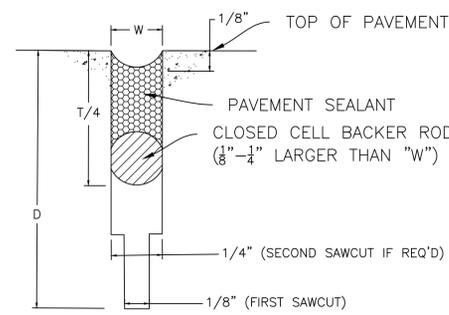
- ALL SIDEWALKS ADJACENT TO EXISTING OR PROPOSED BUILDINGS AND/OR PAVEMENT SHALL BE DOWELED TO THE EXISTING BUILDING SLAB OR PAVEMENT IN ACCORDANCE WITH THE PROVIDED DETAILS AND TABLE 1 ON THIS SHEET.
- PROVIDE 1/2" EXPANSION JOINT BETWEEN SIDEWALKS AND ALL FIXED OBJECTS.
- ALL SIDEWALK JOINTS AND JOINTS ADJACENT TO THE BUILDING SHALL BE SEALED WITH A URETHANE SELF LEVELING SEALANT, SONNEBORNE, SLI (COLOR GRAY).
- THE MAXIMUM RUNNING SLOPE SHALL NOT EXCEED 5% AND THE CROSS SLOPE SHALL NOT EXCEED 2% ON ALL SIDEWALKS UNLESS OTHERWISE NOTED.
- JOINTS SHALL BE SAWCUT AS SOON AS THE CONCRETE HAS SUFFICIENT STRENGTH TO SUPPORT THE SAWING EQUIPMENT AND TEARING OF CONCRETE DOES NOT OCCUR.
- 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.
- DOWELS SHALL NOT BE PLACED CLOSER THAN 12" TO A JOINT INTERSECTION.
- CONSTRUCT ALL JOINTS STRAIGHT WITH FACE PERPENDICULAR TO CONCRETE SURFACE.
- 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.
- 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.
- 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**

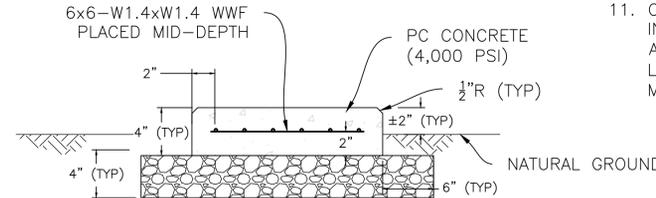
PAVEMENT THICKNESS	SMOOTH DOWEL BARS			MIN. JOINT DEPTH
	SIZE/DIAMETER (IN)	LENGTH (IN)	SPACING (IN)	
4-5"	1/2"	12"	18"	1 1/2"
6"	3/4"	14"	12"	1 3/4"
7"	1"	16"	12"	2"
8"	1 1/4"	18"	12"	3"
9"	1 1/4"	18"	12"	3"
10"	1 1/4"	18"	12"	1 1/2"



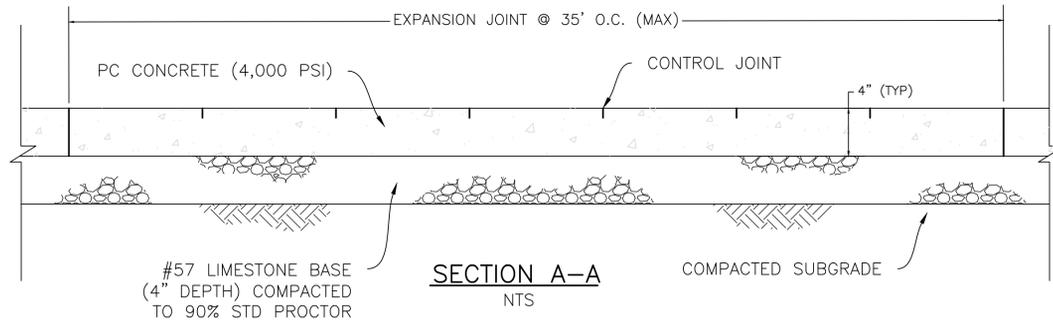
**TYPICAL CONCRETE SIDEWALK - PLAN VIEW**  
NTS



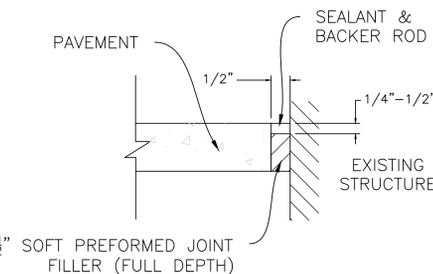
**JOINT DETAIL**  
NTS



**SECTION B-B**  
NTS

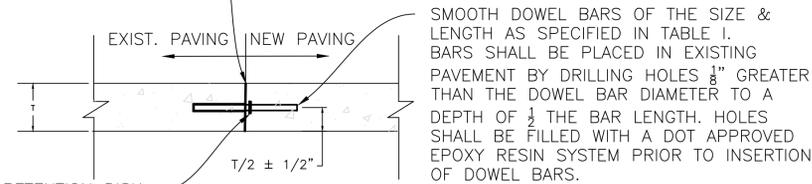


**SECTION A-A**  
NTS

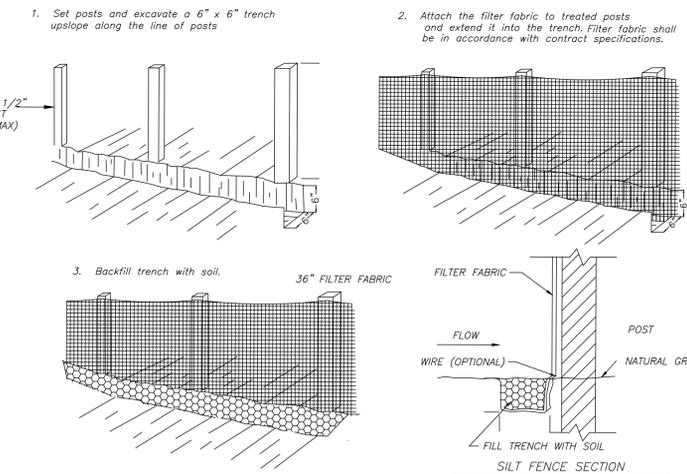


**ISOLATION JOINT DETAIL**  
NTS

JOINT SHALL BE FORMED BY USING A REMOVABLE JOINT FORMING DEVICE AFTER CONCRETE IS PLACED OR BY SAWING IN ACCORDANCE WITH JOINT DETAIL

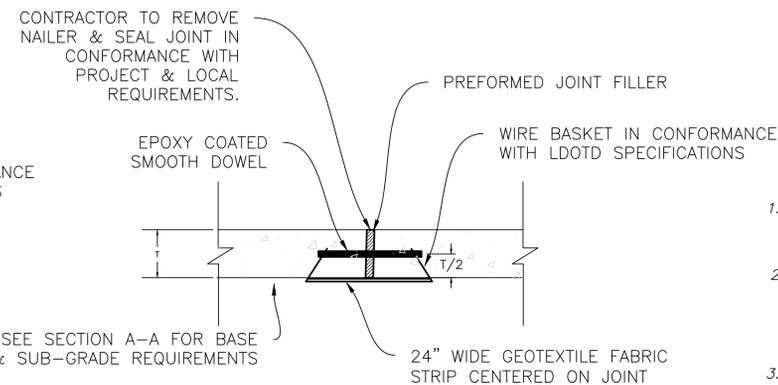


**BUTT JOINT DETAIL**  
NTS

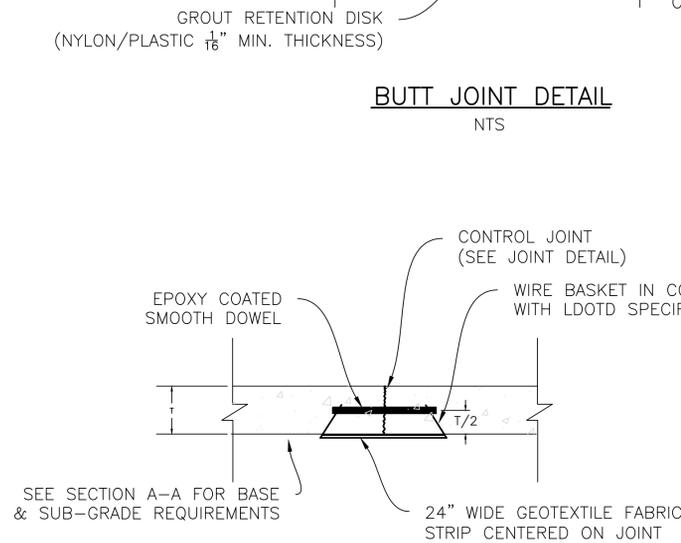


**EROSION CONTROL NOTES**

- PRIOR TO ANY OTHER CONSTRUCTION, A STABILIZED CONSTRUCTION EXIT SHALL BE CONSTRUCTED AT EACH POINT OF ENTRY TO OR EXIT FROM THE SITE.
- 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.
- 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.
- THE LOCATIONS OF EROSION CONTROL DEVICES SHALL BE ADJUSTED AS CONSTRUCTION PROGRESSES TO MAINTAIN A FUNCTIONING EROSION CONTROL SYSTEM.
- ANY FAILURE OF ANY EROSION CONTROL DEVICE TO FUNCTION AS INTENDED FOR ANY REASON SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.
- EROSION CONTROL DEVICES SHALL BE INSPECTED AT LEAST WEEKLY, AND AFTER EACH RAIN AND REPAIRED BY GENERAL CONTRACTOR
- EROSION CONTROL DEVICES SHALL BE CLEANED WHEN SILT EXCEEDS 12" IN DEPTH
- EROSION CONTROL DEVICES SHALL BE REPAIRED AS NECESSARY TO MAINTAIN A FUNCTIONING EROSION CONTROL SYSTEM.
- 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.
- STORM WATER DETENTION PONDS SHALL BE CLEANED AS SPECIFIED IN 7 ABOVE AND AFTER PERMANENT GROUND COVER HAS BEEN ESTABLISHED.
- ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 21 DAYS SHALL BE STABILIZED WITH TEMPORARY SEEDING.
- ALL DISTURBED AREAS WITH SLOPES 2:1 OR FLATTER WHICH ARE NOT STABILIZED BY OTHER MEASURES SHALL BE SEEDED.
- ADDITIONAL EROSION CONTROL MEASURES WILL BE INSTALLED IF DEEMED NECESSARY BY ON-SITE INSPECTION.
- CONTRACTOR SHALL REMOVE ALL DIRT AND TRASH FOR NEW AND EXISTING PIPES WHICH MAY BE DISPOSED DURING CONSTRUCTION.



**EXPANSION JOINT DETAIL**  
NTS



**CONTROL JOINT DETAIL**  
NTS

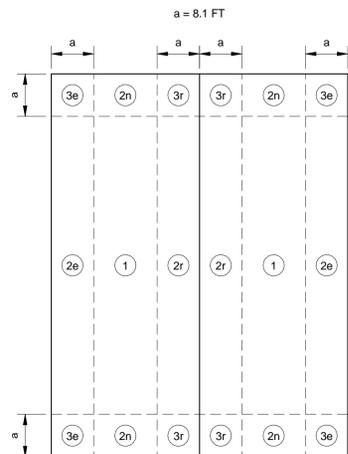
**STRUCTURAL SHEET INDEX:**

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

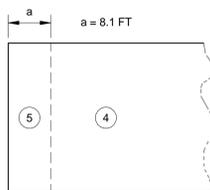
**ABBREVIATIONS:**

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
CL (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		

**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)	
			POSITIVE	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.

**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  
iv. EXPOSURE CATEGORY EXPOSURE B  
v. MEAN ROOF HEIGHT 25 FT  
vi. GCP +/- 0.18

SEISMIC LOADS  
i. IMPORTANCE FACTOR 1.25  
ii. S<sub>ms</sub> 13.6%  
iii. S<sub>p1</sub> 15.5%  
iv. SITE CLASS E  
v. S<sub>s</sub> 0.085  
vi. S<sub>1</sub> 0.056  
vii. SEISMIC DESIGN CATEGORY C

SNOW LOADS  
i. P<sub>s</sub> = 0 PSF

**GENERAL:**

- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL EXISTING DIMENSIONS IN THE FIELD BEFORE CONSTRUCTION BEGINS.
- 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.
- 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.
- 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.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SAFETY AND PROTECTION IN AND AROUND THE JOB SITE AND/OR ADJACENT PROPERTY.

**FOUNDATIONS:**

- 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.
- DESIGN BEARING PRESSURE: 1200 PSF (STRIP FOOTINGS)  
1200 PSF (SPREAD FOOTINGS)
- ALL FILL SHALL BE AS DESCRIBED IN THE GEOTECHNICAL REPORT.

**FOUNDATION PREPARATION AND EARTHWORK:**

- THE CONTRACTOR SHALL PROVIDE FOR PROPER DEWATERING OF EXCAVATIONS FROM SURFACE WATER, GROUND WATER, SEEPAGE, ETC.
- 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.
- 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.
- 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.
- 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:**

- 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.
- 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.
- SHOP DRAWINGS SHALL BE SUBMITTED FOR REVIEW PRIOR TO FABRICATION.
- FABRICATORS SHALL DRAW THEIR OWN ERECTION PLANS, COPYING THE STRUCTURAL PLANS AND USING THEM AS ERECTION DRAWINGS IS NOT ACCEPTABLE.
- 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.
- SHOP DRAWINGS SHALL BE FURNISHED FOR ALL STRUCTURAL COMPONENTS.
- 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:**

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

**SPECIAL INSPECTIONS:**

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

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 HEADED, GALVANIZED.

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



9107 Interline Avenue  
Baton Rouge, LA 70809  
T (225) 927-9321 F (225) 927-9326  
WWW.FORTEANDTABLADA.COM  
Consulting Engineers / Land Surveyors

**100% CONSTRUCTION DOCUMENTS**

**GENERAL NOTES & INDEX**

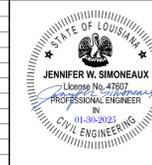
CITY OF OPELOUSAS  
**SOUTH CITY PARK CENTER**  
TBD, Opelousas, LA 70570 St. Landry Parish

PROJECT ID: 20231117



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

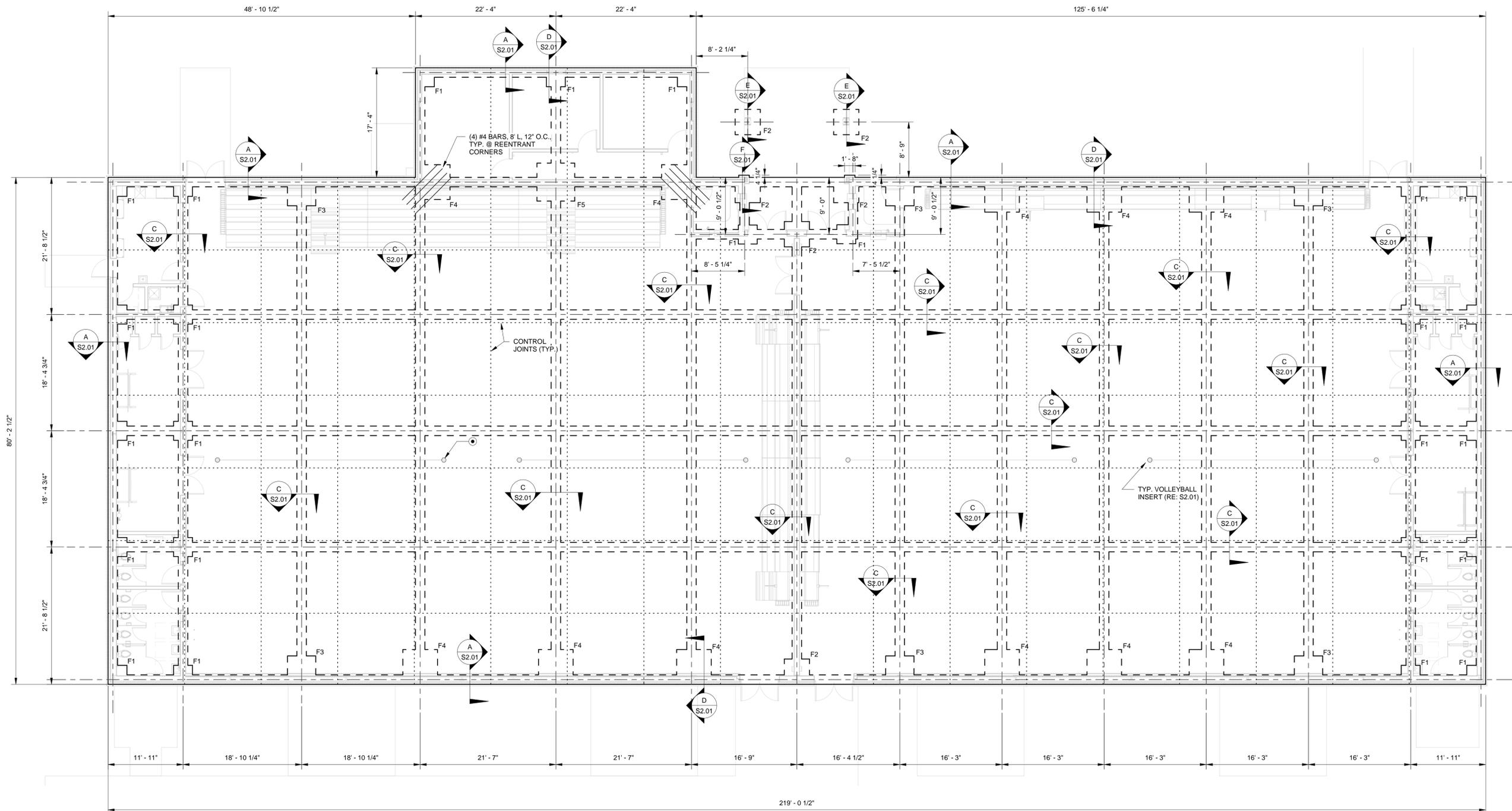
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PROJECT NUMBER:  
**20231117**

DATE:  
01/17/2025

**S0.01**



**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**  
 TBD, Opelousas, LA 70570 St. Landry Parish

PROJECT ID: 20231117

**db ARCHITECTURE OF ACADIANA, LLC**

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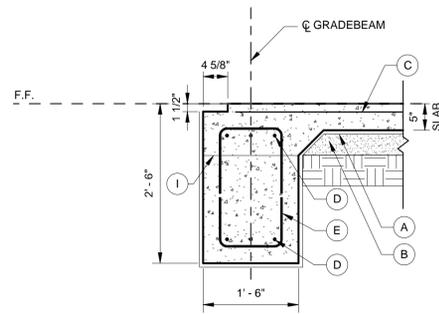
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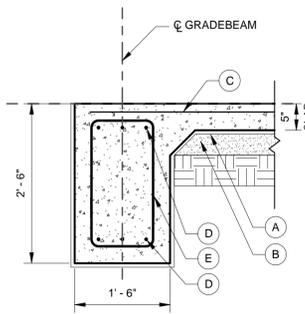
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**20231117**

DATE:  
 01/17/2025

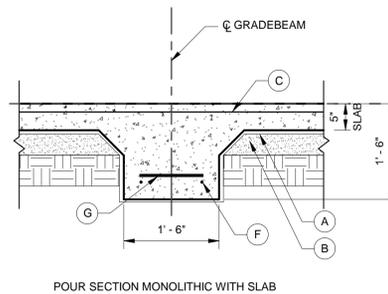
**S1.01**



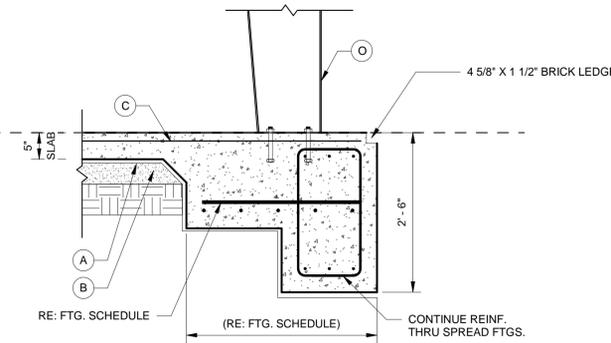
**A SECTION**  
 SCALE: 3/4" = 1'-0"



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

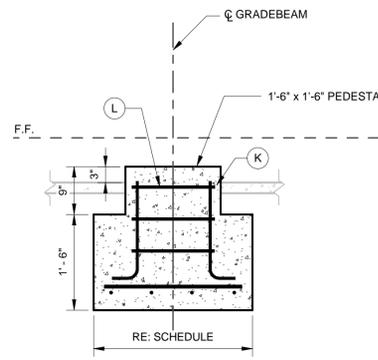


**C SECTION**  
 SCALE: 3/4" = 1'-0"

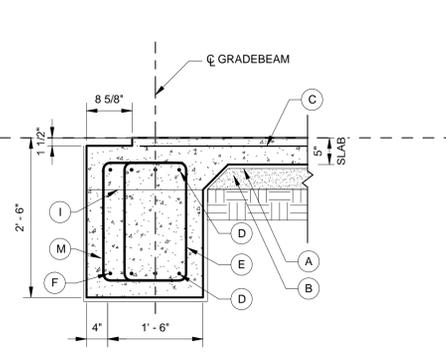


**D SECTION**  
 SCALE: 3/4" = 1'-0"

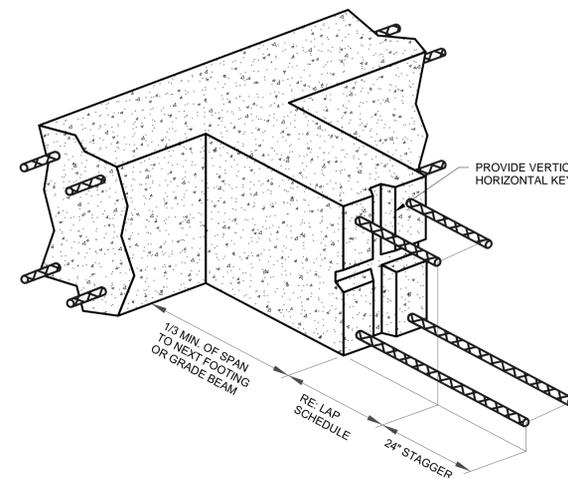
- KEYNOTES**
- (A) 15 MIL VAPOR BARRIER, CONT. AROUND ALL GRADE BEAMS & FOOTINGS.
  - (B) 4" GRAVEL OR WELL-GRADED SAND
  - (C) WWR4X4 - W4XW4 (SEE NOTES BELOW)
  - (D) (3) #5 BARS
  - (E) #3 @ 24" O.C.
  - (F) (2) #4 BARS
  - (G) #3 @ 36" O.C. 1'-6"
  - (I) #3 BAR @ 3' O.C. 2'-0"
  - (K) (3) #4 E.F. 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)



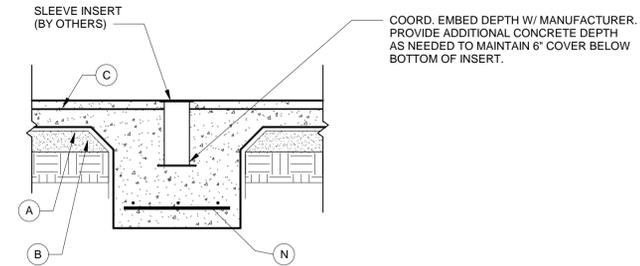
**E SECTION**  
 SCALE: 3/4" = 1'-0"



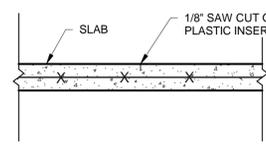
**F SECTION**  
 SCALE: 3/4" = 1'-0"



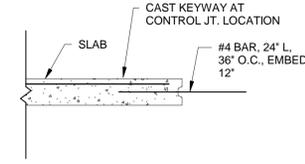
**TYP. GRADE BEAM CONSTRUCTION JOINT**  
 SCALE: N.T.S.



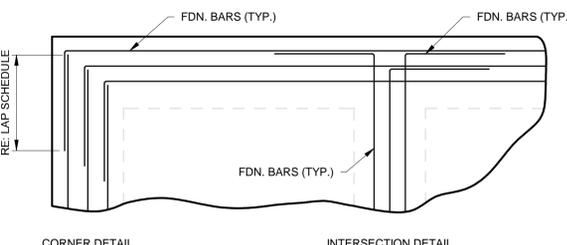
**TYP. VOLLEYBALL INSERT**  
 SCALE: N.T.S.



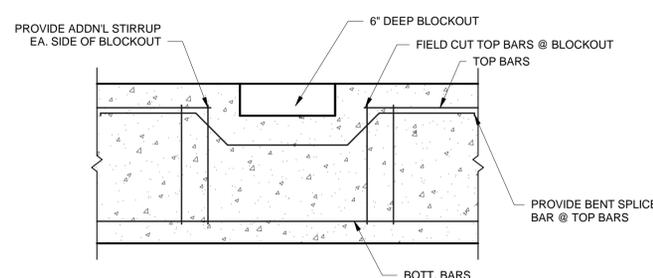
**TYP. CONTROL JOINT**  
 SCALE: N.T.S.



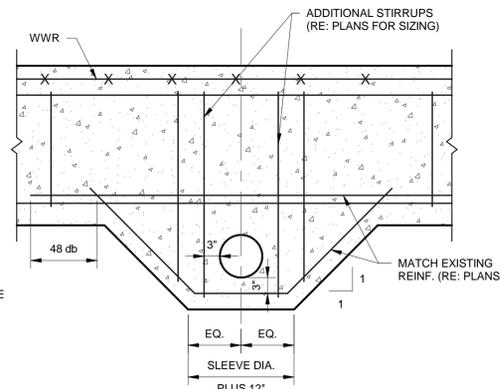
**SLAB CONSTRUCTION JT.**  
 SCALE: N.T.S.



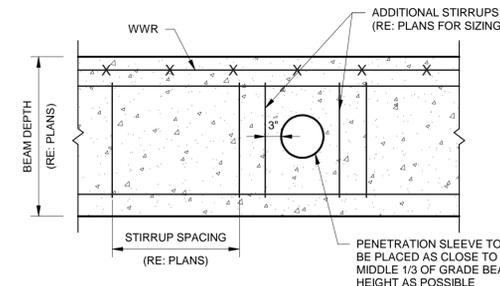
**TYP. GRADE BEAM INTERSECTION**  
 SCALE: N.T.S.



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



**TYP. GRADE BEAM PENETRATION**  
 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.

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

**100% CONSTRUCTION DOCUMENTS**  
**FOUNDATION DETAILS**

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

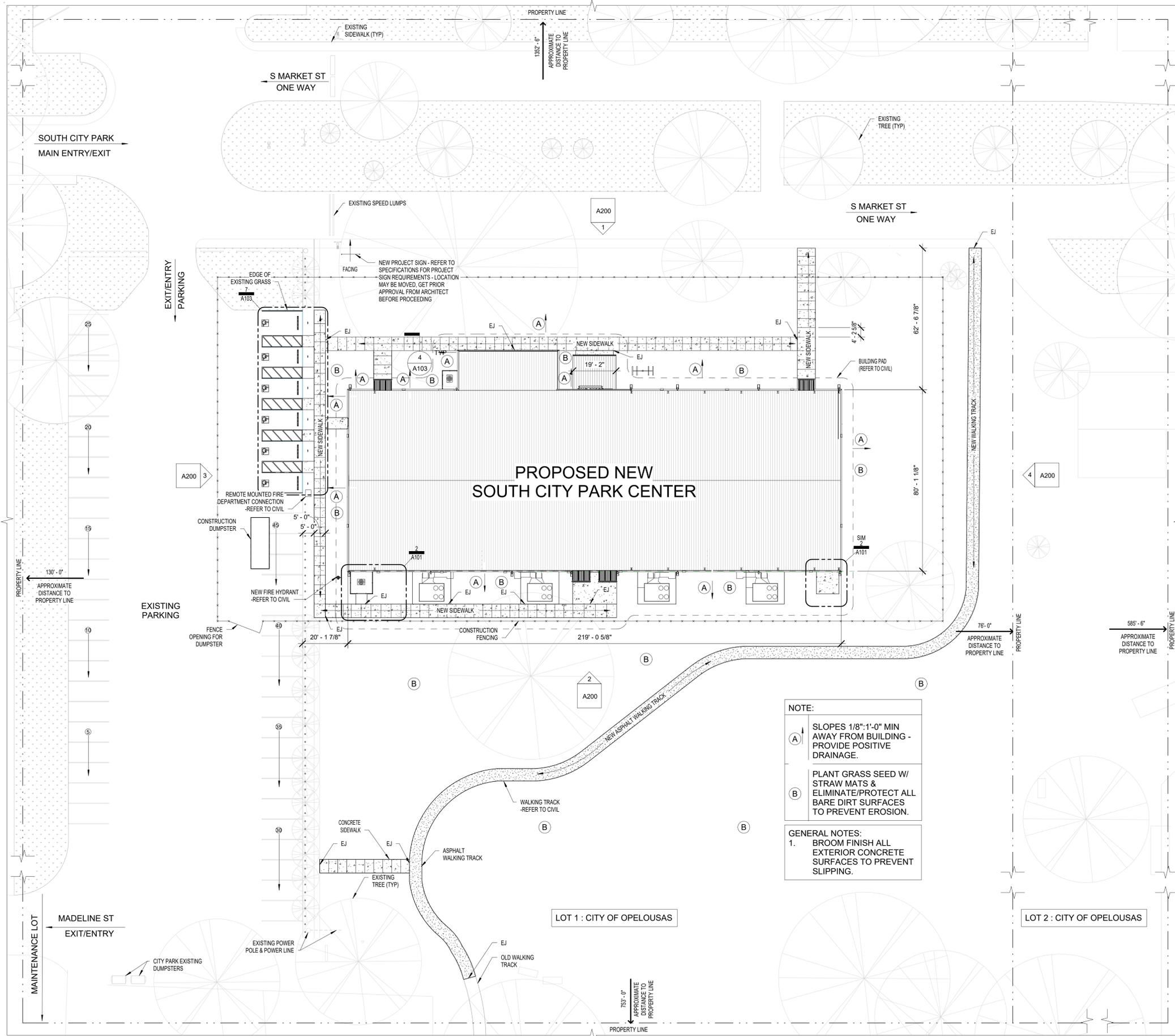
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PROJECT NUMBER:  
**20231117**  
 DATE:  
 01/17/2025  
**S2.01**

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**NOTE:**

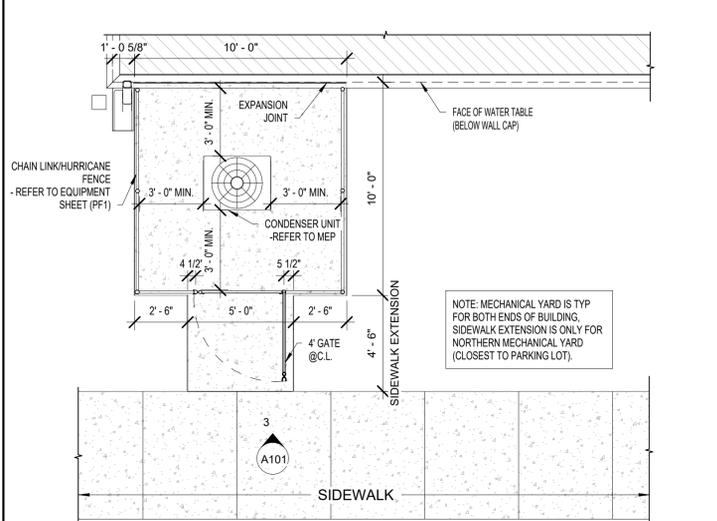
(A) SLOPES 1/8":1'-0" MIN AWAY FROM BUILDING - PROVIDE POSITIVE DRAINAGE.

PLANT GRASS SEED W/ STRAW MATS & ELIMINATE/PROTECT ALL BARE DIRT SURFACES TO PREVENT EROSION.

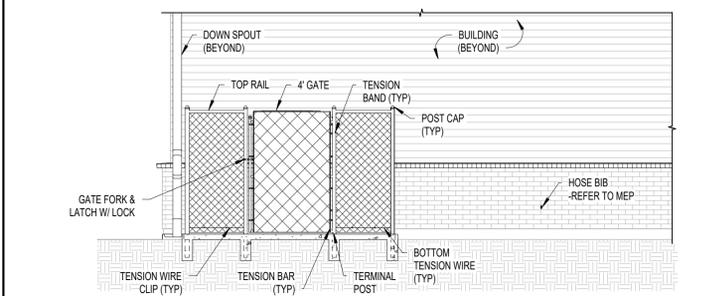
(B)

**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

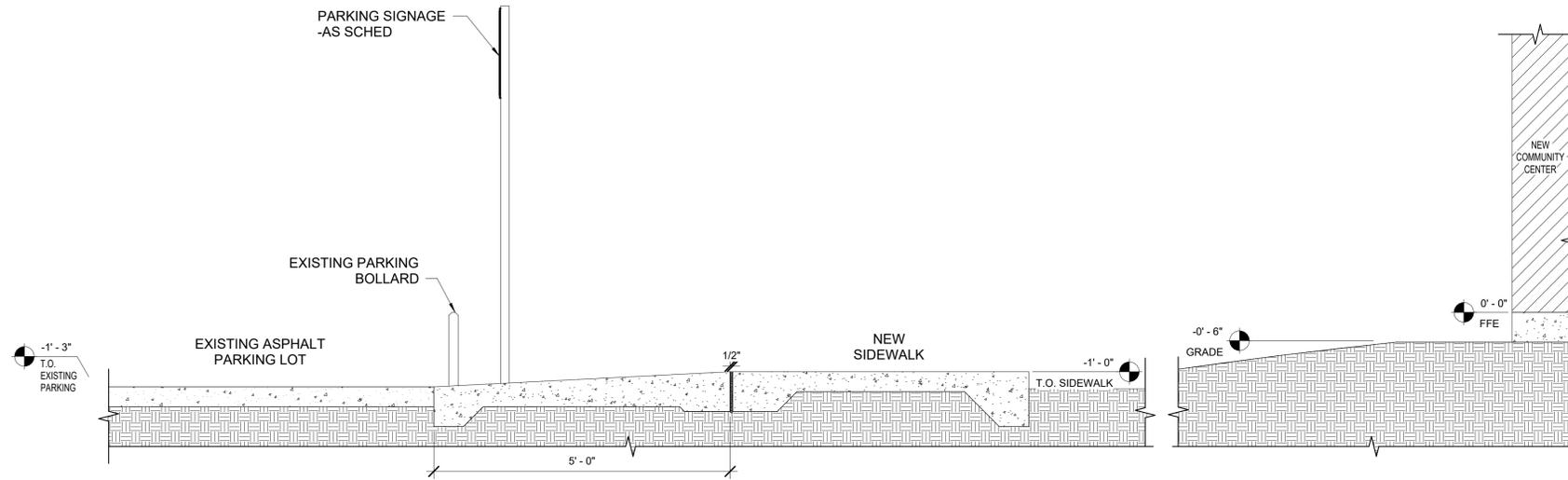
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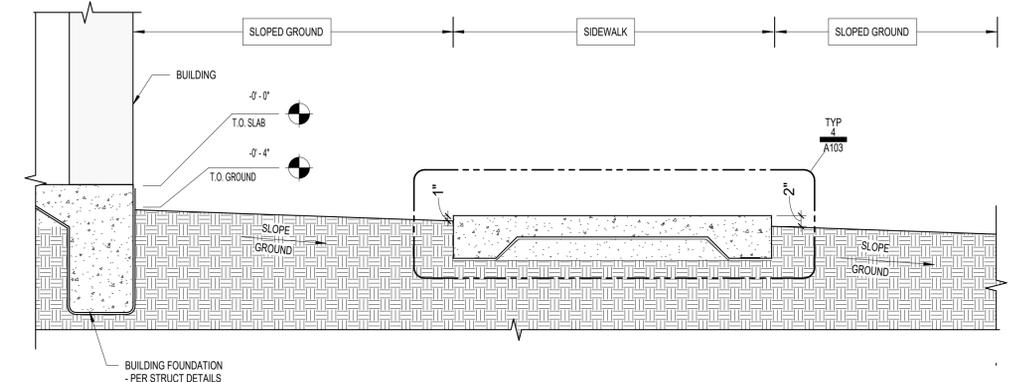
#	BY	DATE	REVISION	PROJECT NUMBER:
				<b>20231117</b>
				DATE:
				01/17/2025
				<b>A101</b>

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

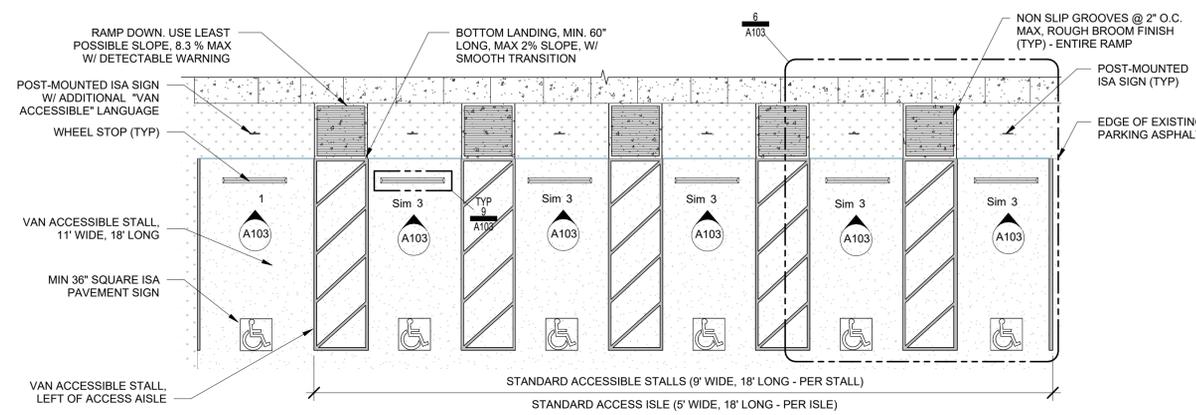
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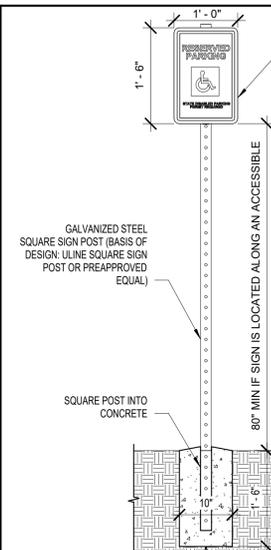
**5 ADA ACCESSIBLE PATH FROM PARKING**  
SCALE: 3/4" = 1'-0"



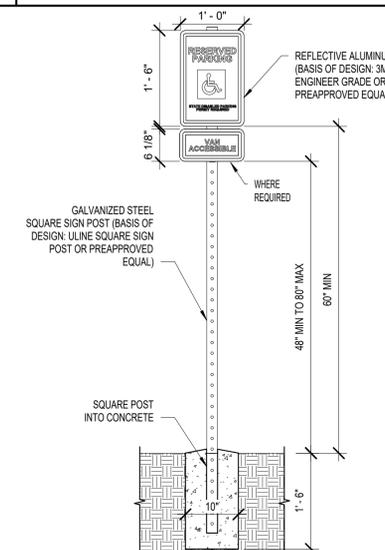
**8 BUILDING TO SIDEWALK SECTION DTL**  
SCALE: 3/4" = 1'-0"



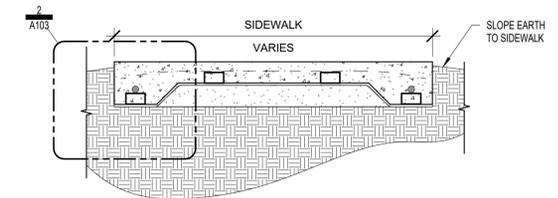
**7 ACCESSIBLE PARKING DETAIL**  
SCALE: 1/8" = 1'-0"



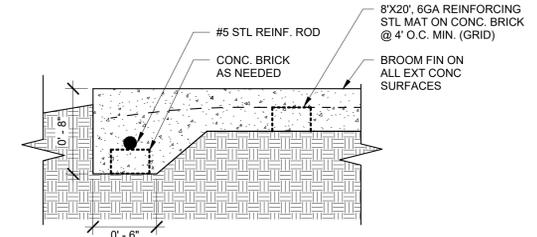
**3 ISA PARKING LOT SIGNS**  
SCALE: 3/4" = 1'-0"



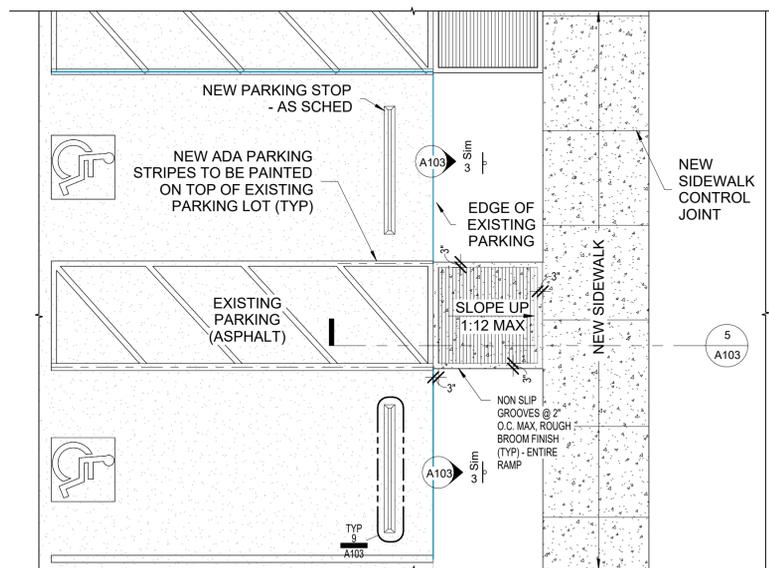
**1 ISA VAN ACCESSIBLE PARKING LOT SIGN**  
SCALE: 3/4" = 1'-0"



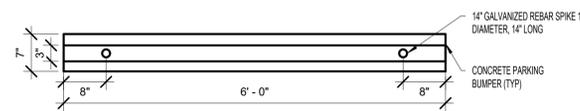
**4 SIDEWALK - SECTION DTL (TYP)**  
SCALE: 3/4" = 1'-0"



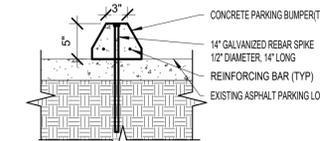
**2 SIDEWALK DETAIL (TYP)**  
SCALE: 1 1/2" = 1'-0"



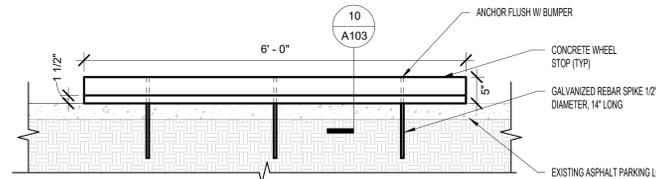
**6 PARKING TO SIDEWALK - RAMP PLAN**  
SCALE: 1/4" = 1'-0"



**9 PARKING STOP - PLAN DTL**  
SCALE: 3/4" = 1'-0"



**10 PARKING STOP - SECTION DTL**  
SCALE: 1" = 1'-0"



**11 PARKING STOP - ELEVATION DTL**  
SCALE: 3/4" = 1'-0"

100% CONSTRUCTION DOCUMENTS

SITE RELATED

CITY OF GREYBOUS  
**SOUTH CITY PARK CENTER**  
(TBD) S Market St. Greybous, LA 70570 St. Landry Parish

PROJECT ID: 20231117

**db ARCHITECTURE OF ACADIANA, LLC**

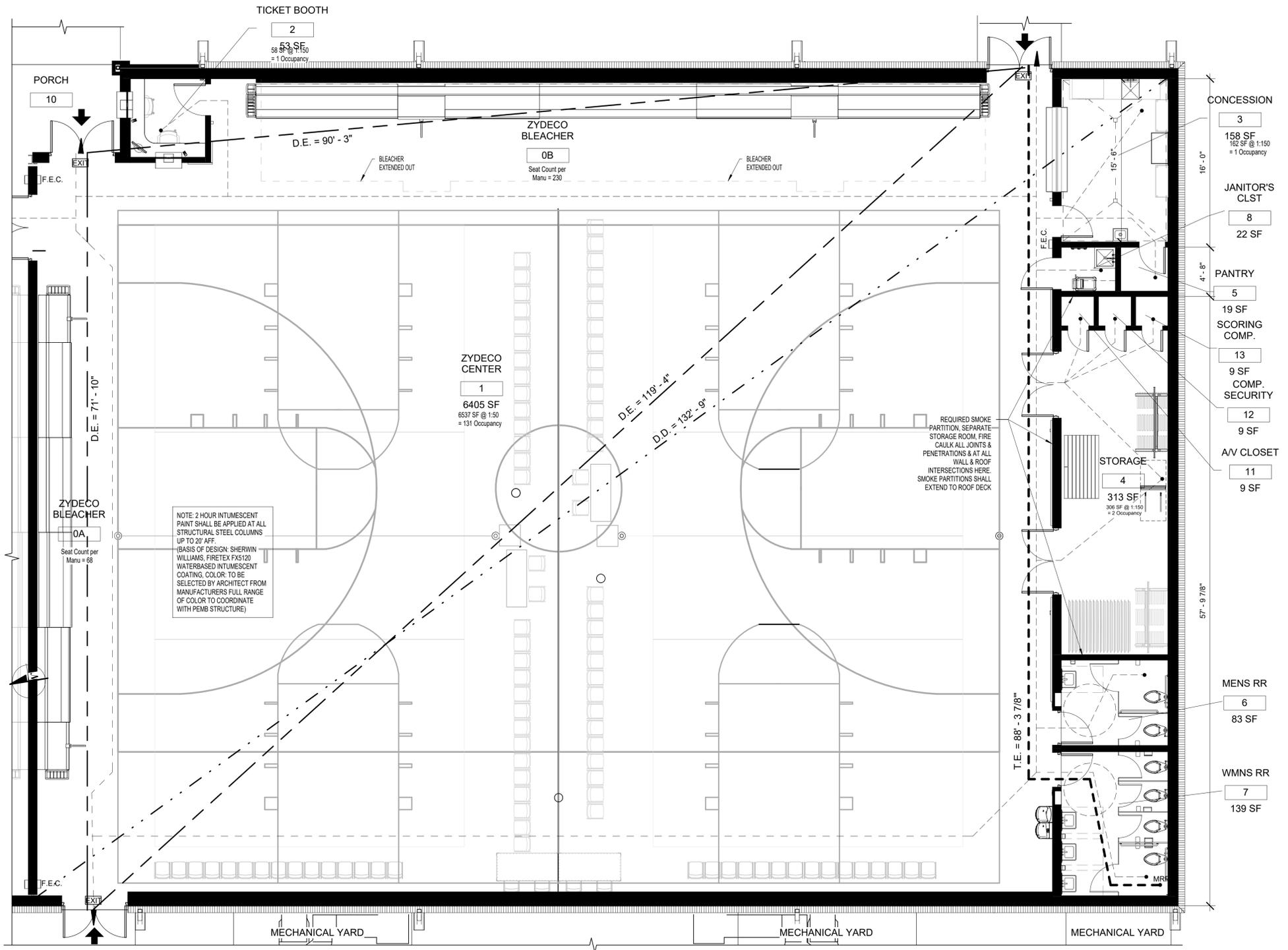
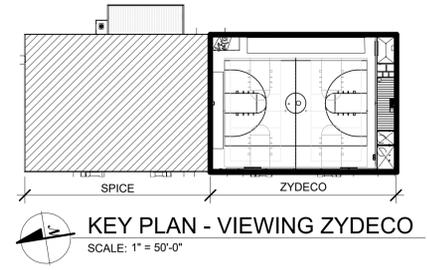
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ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

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				<b>20231117</b>
				DATE: 01/17/2025
				<b>A103</b>



OCCUPANT LOADS - ZYDECO CENTER (ONLY)							
NAME	#	OCCUPANCY	AREA	LOAD FACTOR	OCCUPANT LOAD	CODE LOAD	NOTE #
ZYDECO BLEACHER	0A	ASSEMBLY	275 SF	7 SF	39,342,969	40	REFER TO #1A
ZYDECO BLEACHER	0B	ASSEMBLY	634 SF	7 SF	90,566,216	91	REFER TO #1A
ZYDECO CENTER	1	ASSEMBLY	6405 SF	50 SF	128,093,445	129	REFER TO #1B
TICKET BOOTH	2	BUSINESS	53 SF	150 SF	0,350,707	1	
CONCESSION	3	BUSINESS	158 SF	150 SF	1,050,556	2	
STORAGE	4	STORAGE	313 SF	150 SF	2,086,582	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				
AV 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.



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

**GENERAL NOTES**

- 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
<b>PROVIDED TOTAL:</b>	4	8	2	6	2 DRINKING FOUNTAINS	2 SERVICE SINK
<b>PROVIDED PER SIDE:</b>	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 - 0.2 INCH/OCC	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**

**SOUTH CITY PARK CENTER**

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



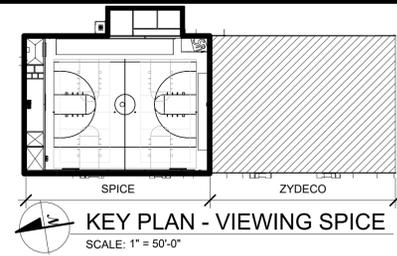
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				<b>20231117</b>
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				<b>A106</b>

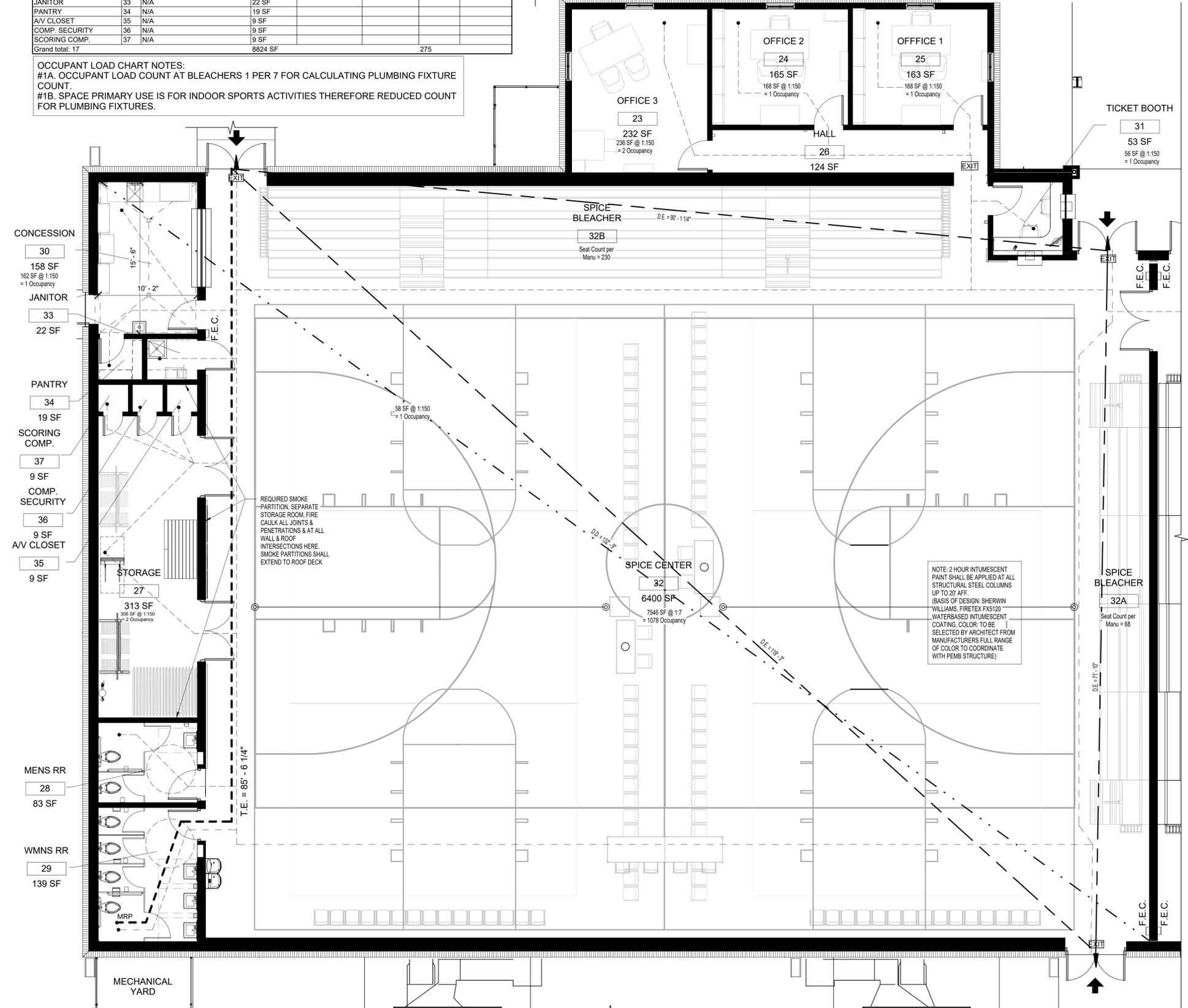
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OCCUPANT LOADS - SPICE CENTER (ONLY)							
NAME	#	OCCUPANCY	AREA	LOAD FACTOR	OCCUPANT LOAD	CODE LOAD	NOTE #
OFFICE 3	23	BUSINESS	232 SF	150 SF	1.549969	2	
OFFICE 2	24	BUSINESS	165 SF	150 SF	1.097451	2	
OFFICE 1	25	BUSINESS	163 SF	150 SF	1.087599	2	
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				
AV 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.



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



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

GENERAL NOTES

- 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	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 1,500, 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 = 108.216=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"

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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

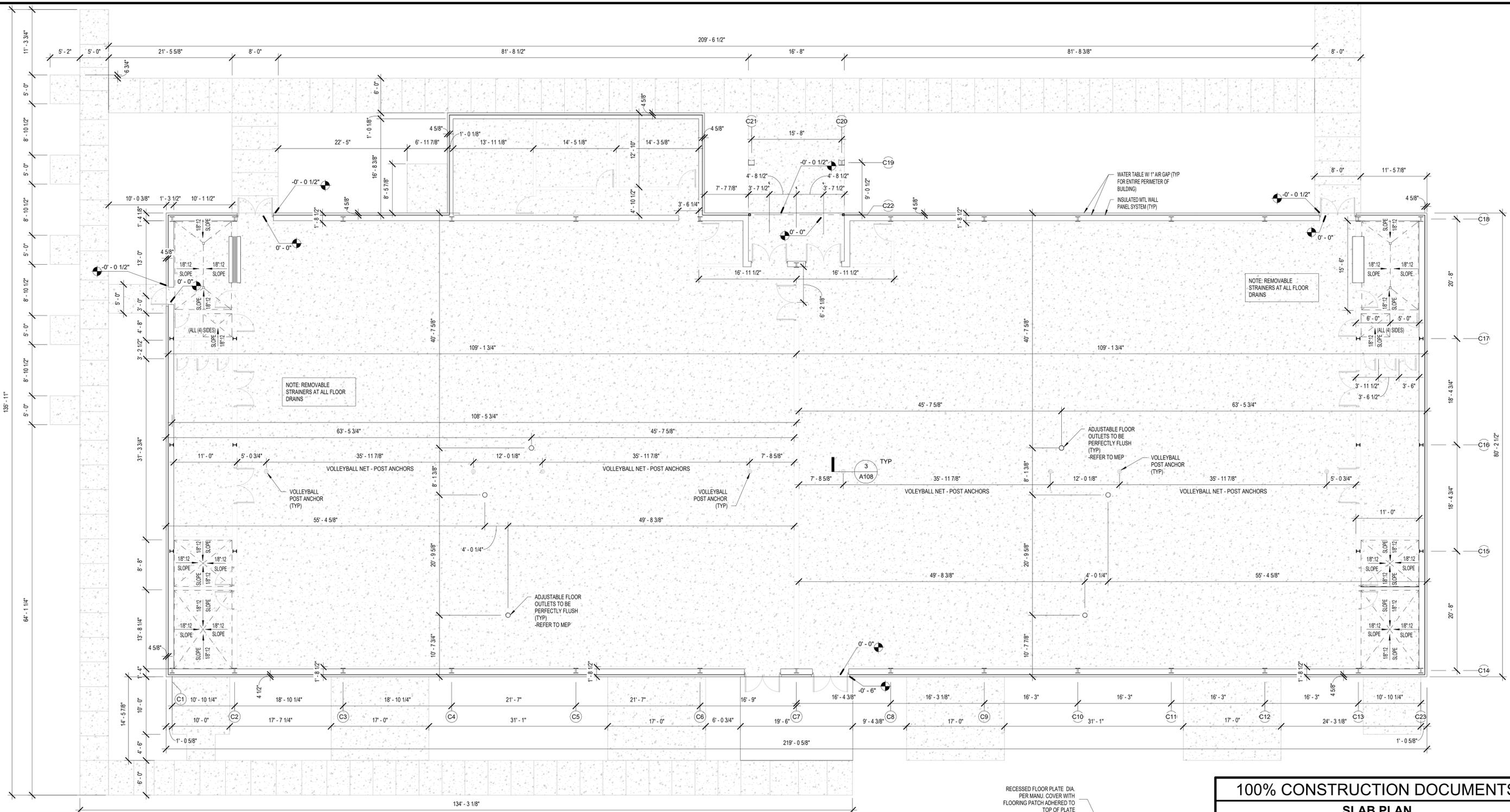


TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com  
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

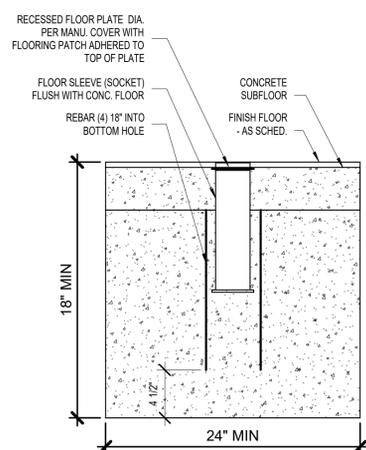
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				20231117
				DATE: 01/17/2025
				A107



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**SLAB PLAN**  
SCALE: 1/8" = 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

PROJECT NUMBER: **20231117**

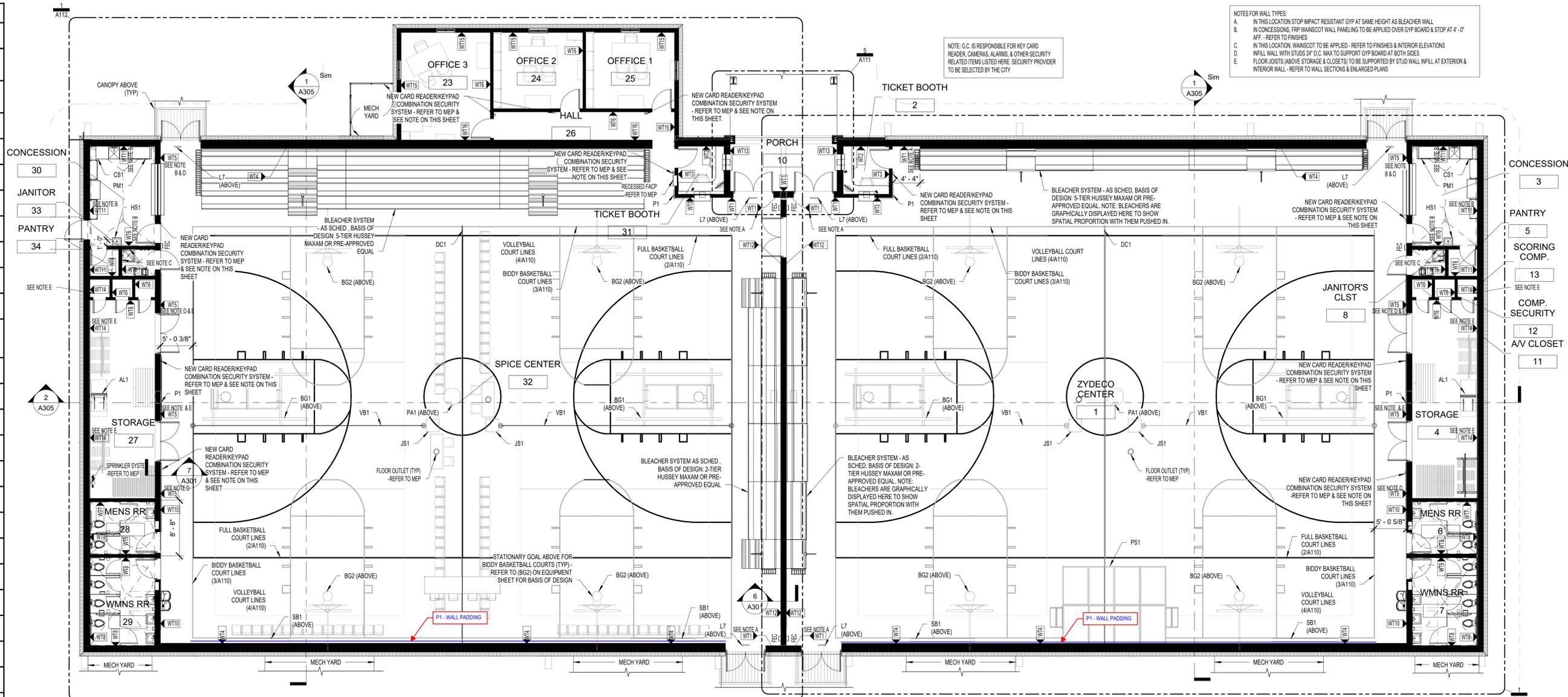
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**A108**

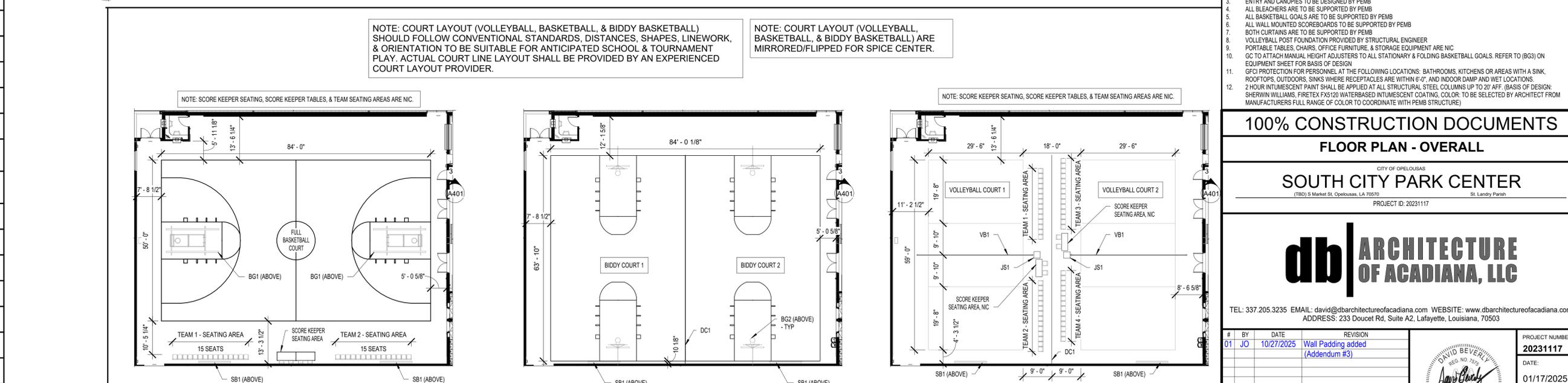
DAVID BEVERLY  
REG. NO. 1958  
David Beverly  
01/17/2025  
REGISTERED ARCHITECT

DATE: 02/02/2025 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 (BG1) 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)-REFER TO 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) ON 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 48X120-REFER TO (S2) ON EQUIPMENT SHEET FOR BASIS OF DESIGN
S3	STAINLESS STEEL WIRE SHELVING 36X180-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 SECURITY 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 KARRIER PANEL-REFER TO (WP2) ON EQUIPMENT SHEET FOR BASIS OF DESIGN



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



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

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. IN 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 INFLAT 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

GENERAL NOTES:  
 1. COMMUNITY CENTER IS PEMB  
 2. 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. GFO 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)

**100% CONSTRUCTION DOCUMENTS**

**FLOOR PLAN - OVERALL**

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

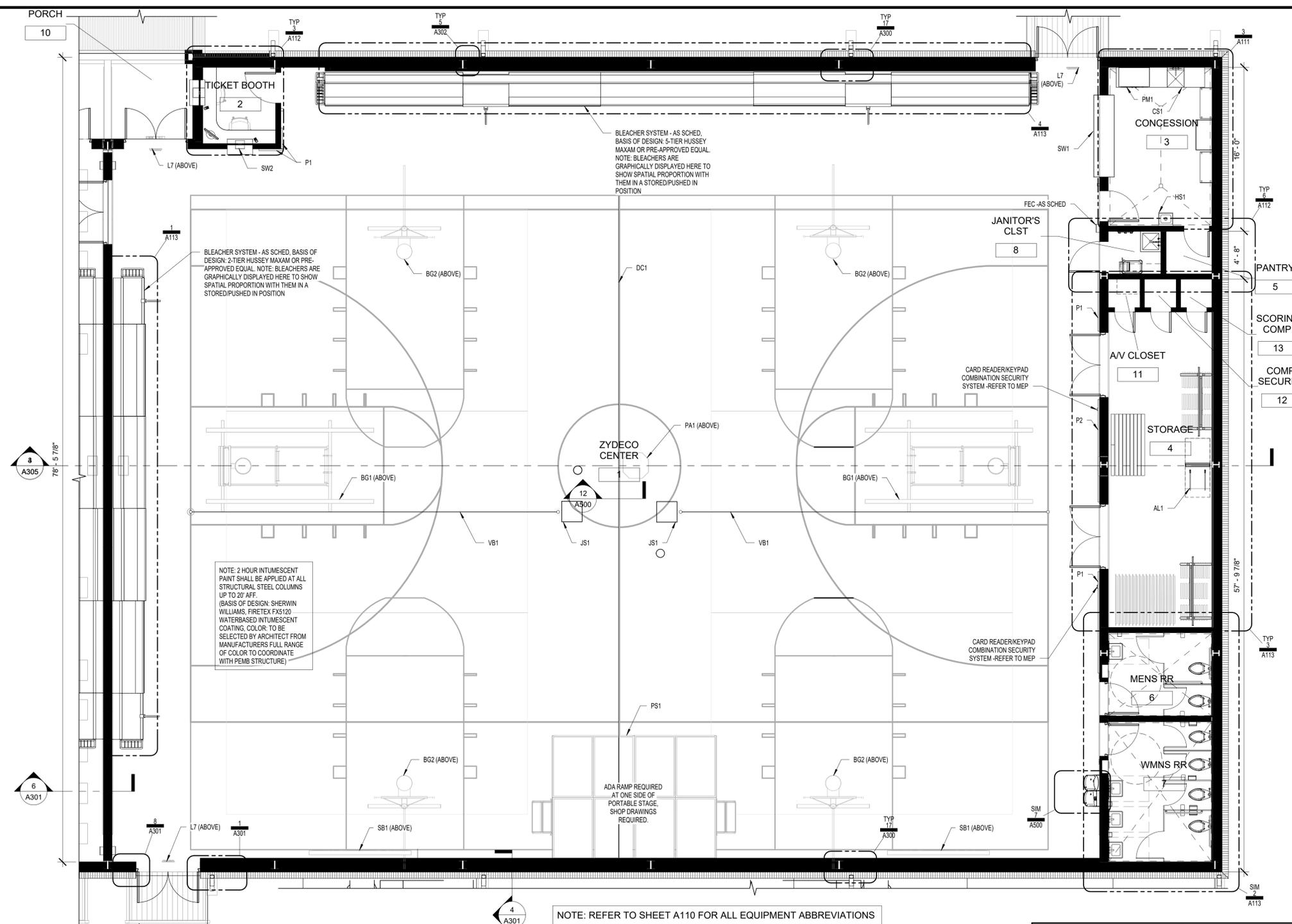
**db ARCHITECTURE OF ACADIANA, LLC**

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

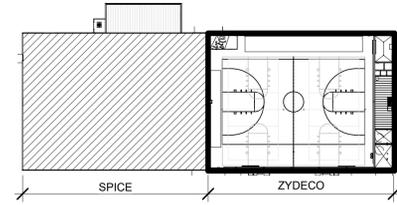
#	BY	DATE	REVISION
01	JO	10/27/2025	Wall Padding added (Addendum #3)

PROJECT NUMBER: **20231117**  
 DATE: 01/17/2025  
**A110**

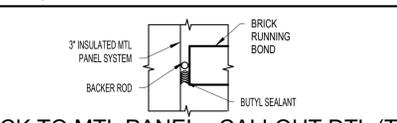
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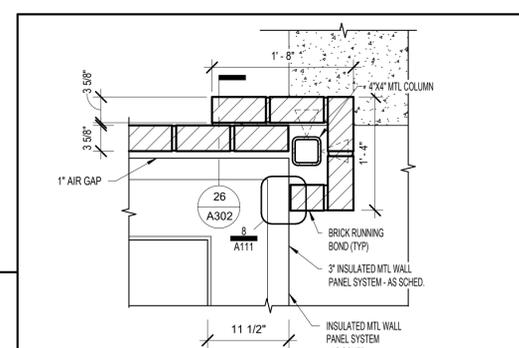
1 ENLARGED PLAN - ZYDECO CENTER  
SCALE: 3/16" = 1'-0"



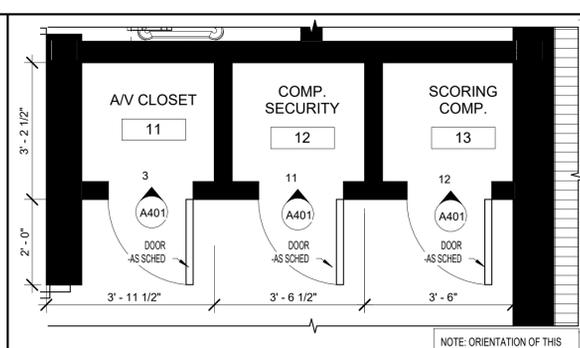
KEY PLAN - VIEWING ZYDECO  
SCALE: 1" = 50'-0"



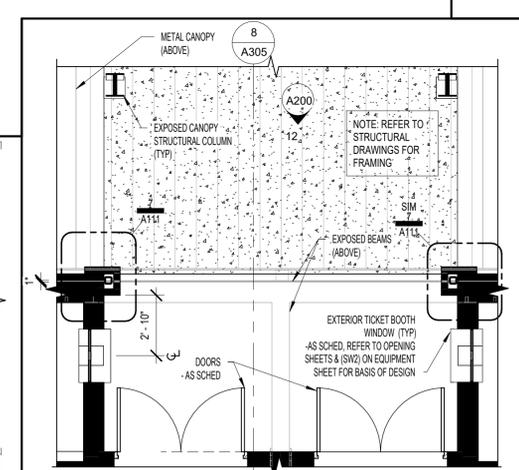
8 BRICK TO MTL PANEL - CALLOUT DTL (TYP)  
SCALE: 1 1/2" = 1'-0"



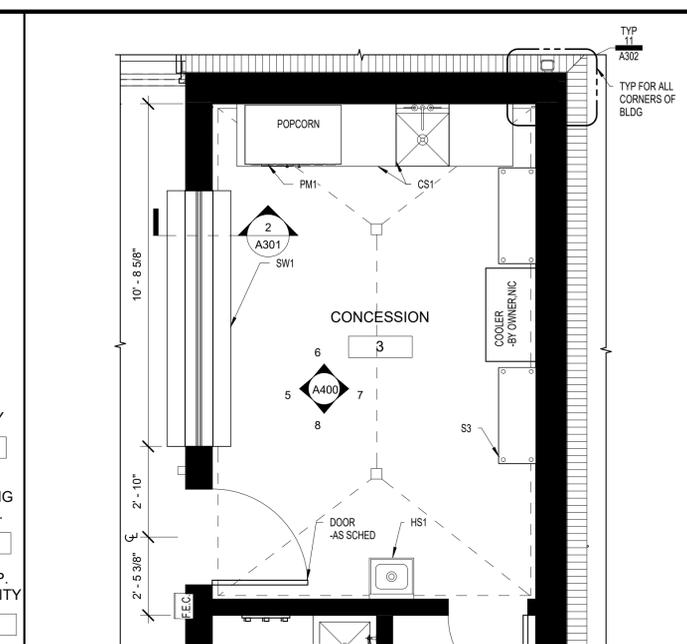
7 FAUX COLUMN - PLAN DTL (TYP)  
SCALE: 1" = 1'-0"



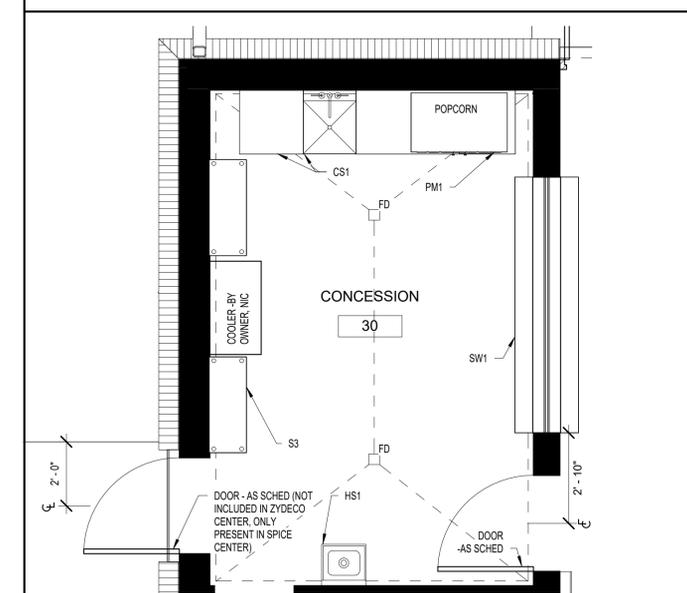
6 ENLARGED PLAN - CLOSETS - (TYP)  
SCALE: 1/2" = 1'-0"



5 ENLARGED PLAN - MAIN ENTRY  
SCALE: 1/4" = 1'-0"



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

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ENLARGED FLOOR PLAN - ZYDECO CENTER

CITY OF GREYBOUSS  
**SOUTH CITY PARK CENTER**  
(TBD) S Market St, Greybouss, LA 70507  
St. Landry Parish  
PROJECT ID: 20231117

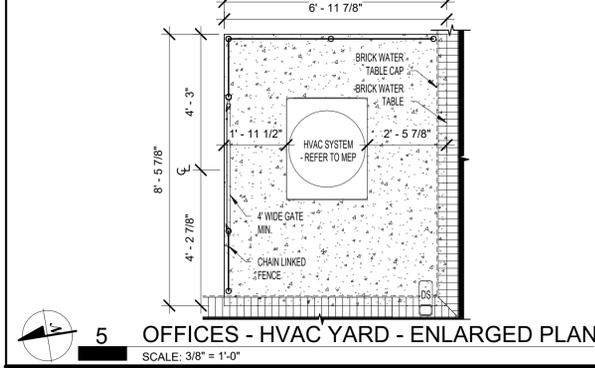
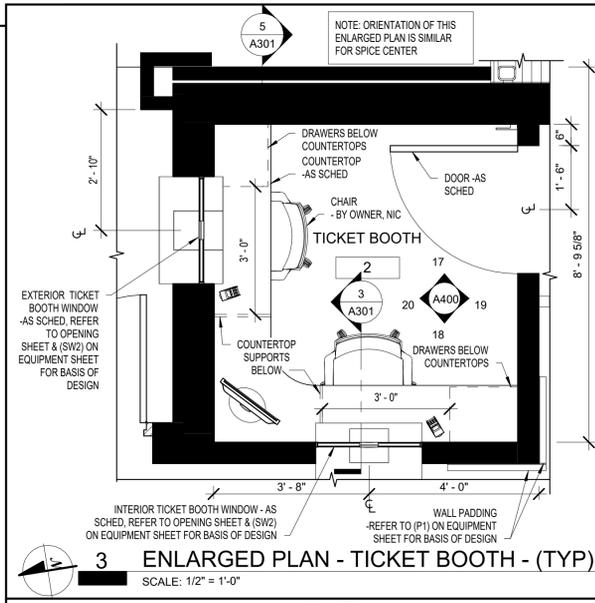
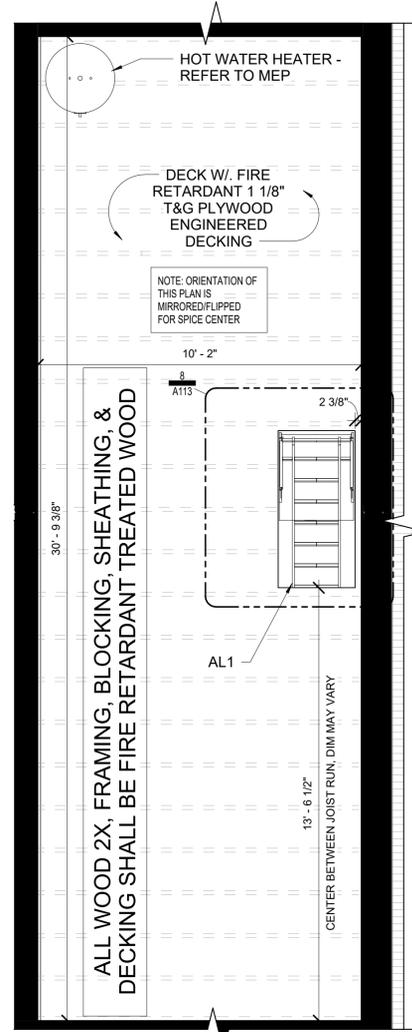
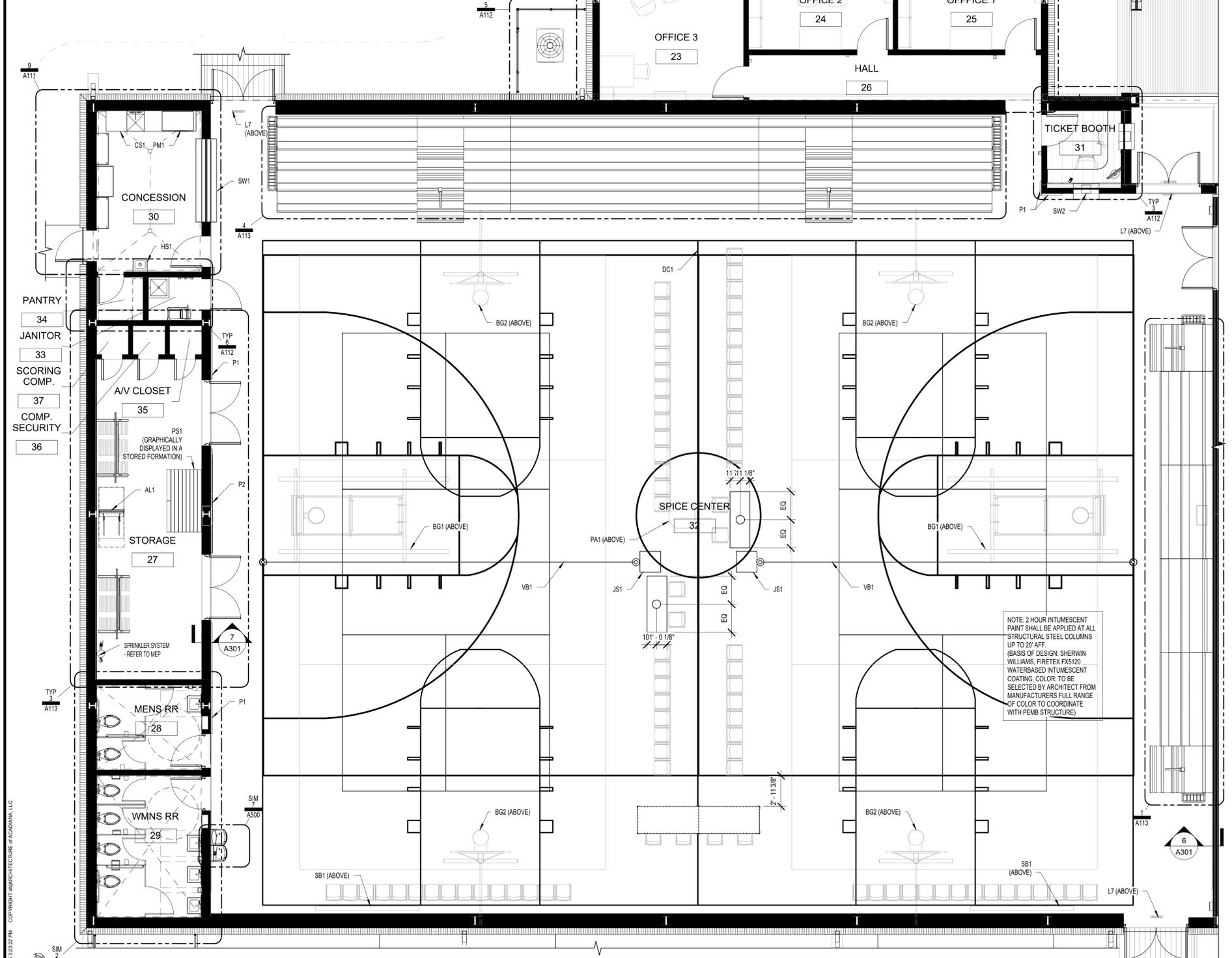
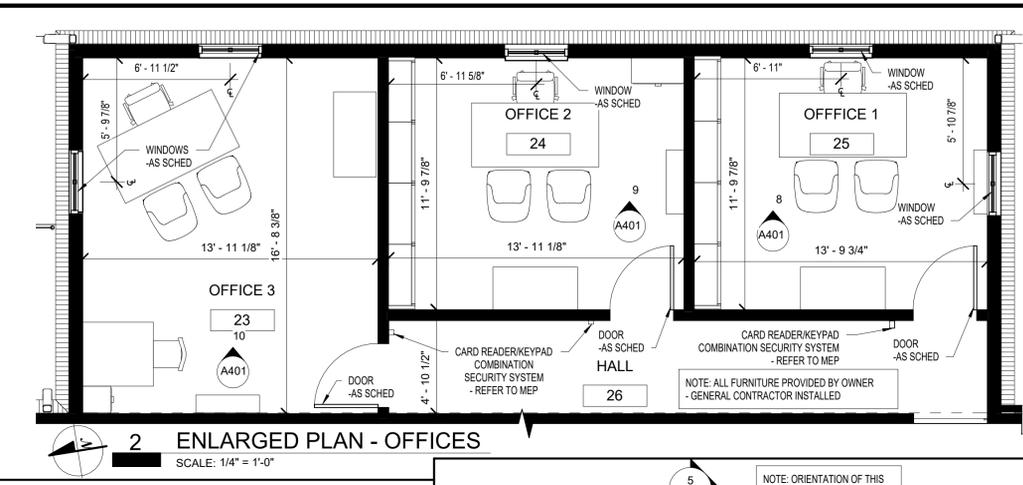
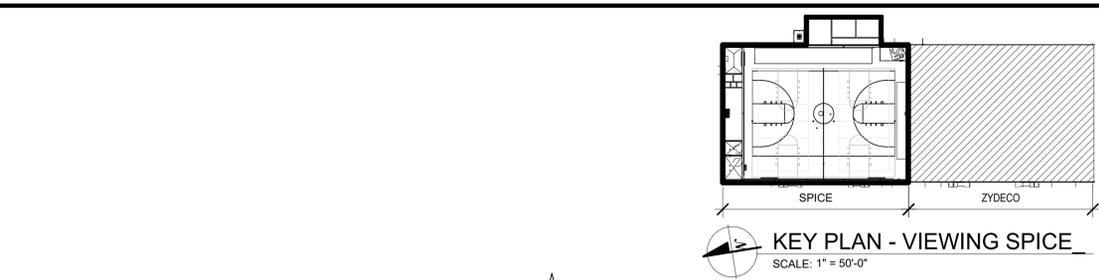
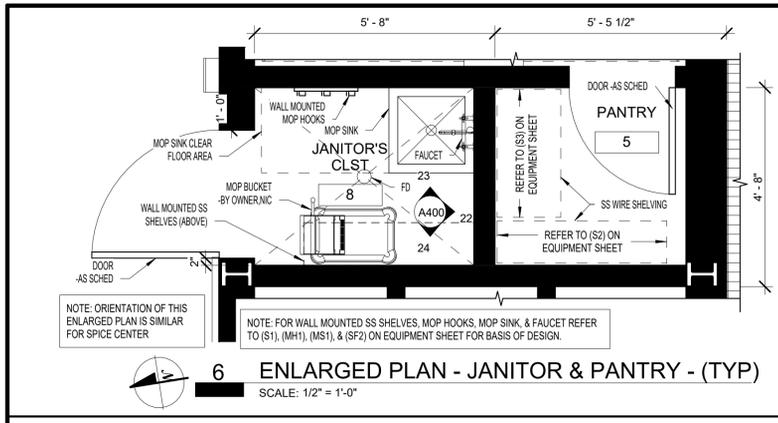
**db ARCHITECTURE OF ACADIANA, LLC**

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DATE: 01/17/2025  
**A111**

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**ENLARGED FLOOR PLAN - SPICE CENTER**

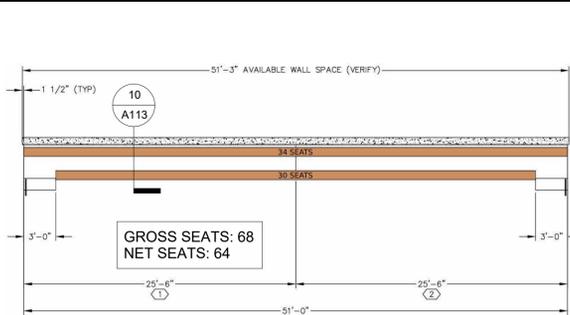
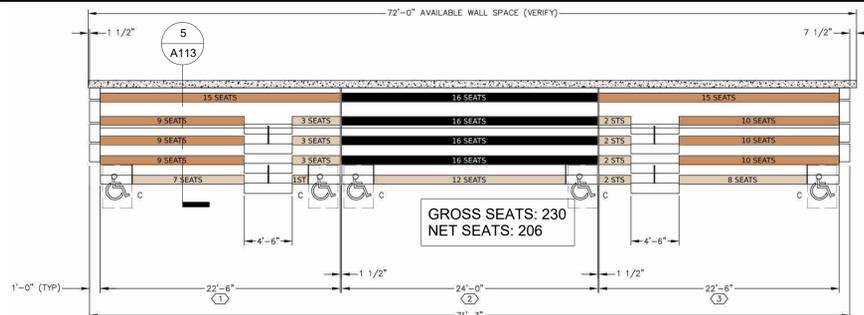
CITY OF GRELOUSAS  
**SOUTH CITY PARK CENTER**  
(TBD) S Market St, Opelousas, LA 70570 St. Landry Parish  
PROJECT ID: 20231117

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				<b>20231117</b>
				DATE: 01/17/2025
				<b>A112</b>

REGISTERED ARCHITECT



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		

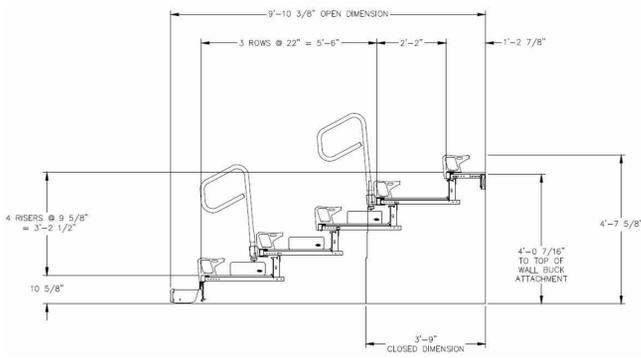
BLEACHER COLORS - SPICE CENTER		
#	NAME	LOCATION
452	SAND	BOTTOM & MIDDLE LEFT / RIGHT
156	TAN	TOP & FAR RIGHT / LEFT
983	BLACK	CENTER
BASIS OF DESIGN: HUSSEY MAXAM, COURTSIDE XC10		

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		

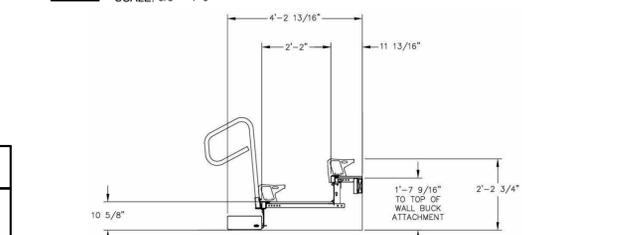
BLEACHER COUNT - SPICE CENTER		
NAME	GROSS	NET
5 TIER SET	230	206
2 TIER SET	68	64
TOTAL	298	270
BASIS OF DESIGN: HUSSEY MAXAM, COURTSIDE XC10		

### BLEACHER LEGEND

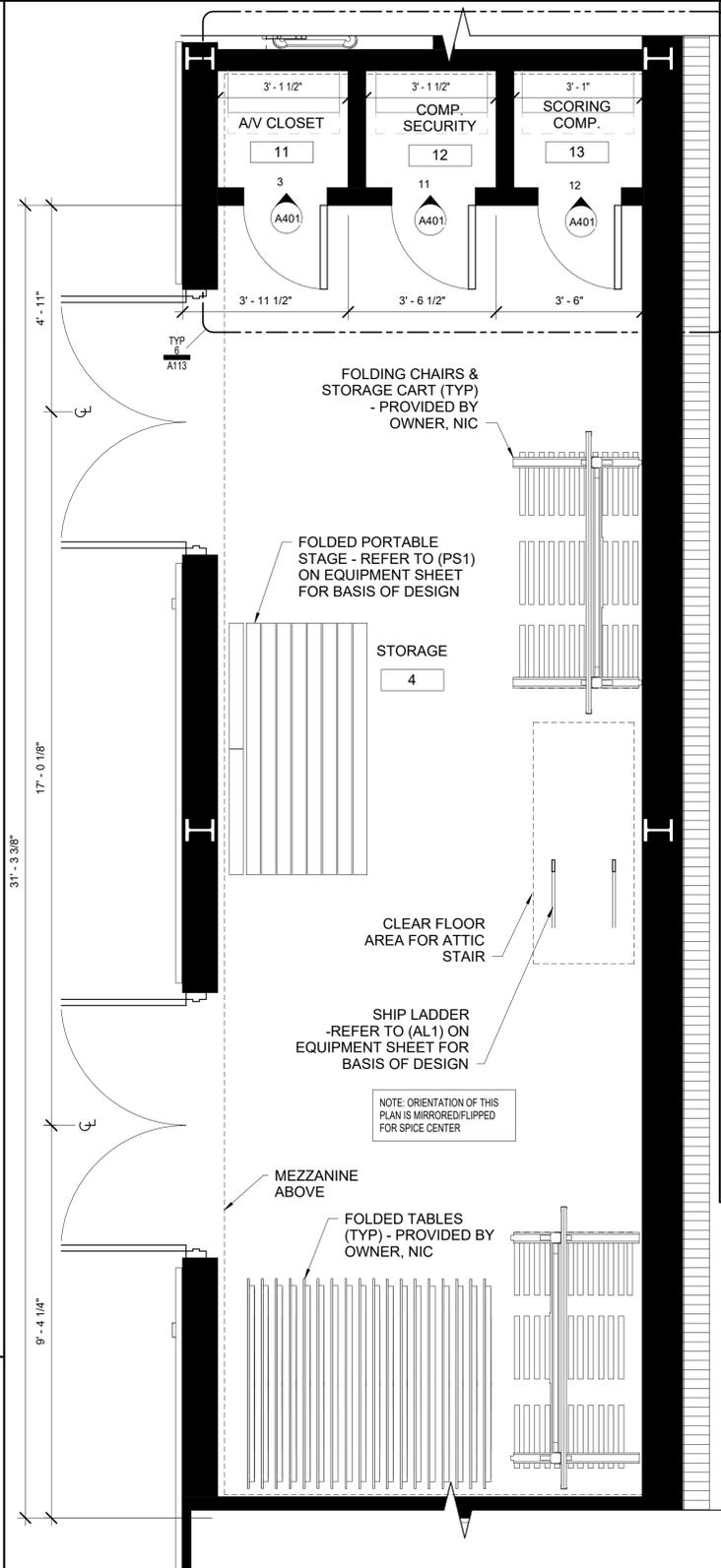
	SELF STORING RAILED END (SEE DETAIL)		AISLE STEP		TELESCOPIC SEATING IN CLOSED POSITION
	INDICATES SECTION NUMBER FOR BANK		WHEELCHAIR ACCESS SPACE (36" W x 48" D)		POWER SUPPLY (WALL MOUNTED)
	FOOT LEVEL AISLE		COMPANION SEAT (18" W)		PENDANT CONTROL
	AISLE HAND RAIL		COMPANION SPACE (24" W)		END PANEL



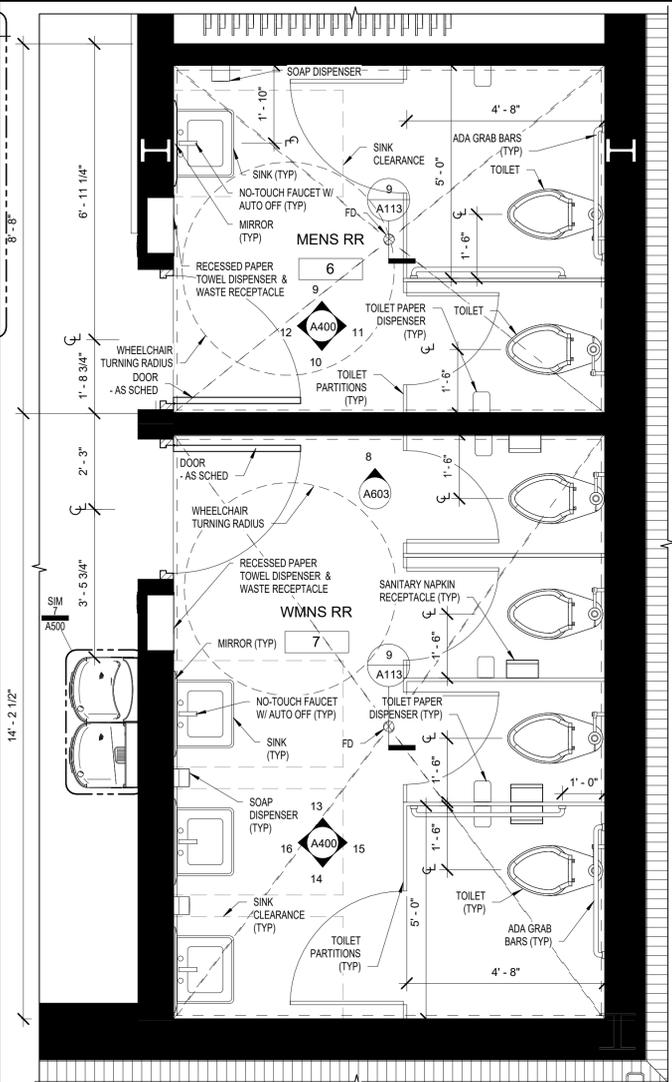
5 BLEACHERS - 5 TIER - SECTION - (TYP)  
SCALE: 3/8" = 1'-0"



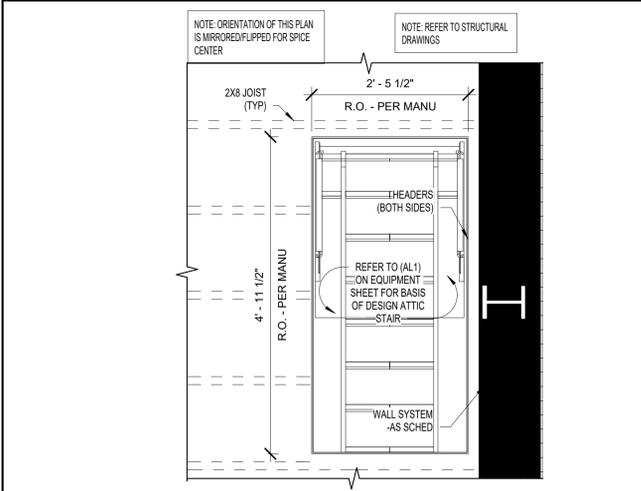
10 BLEACHERS - 2 TIER - SECTION - (TYP)  
SCALE: 3/8" = 1'-0"



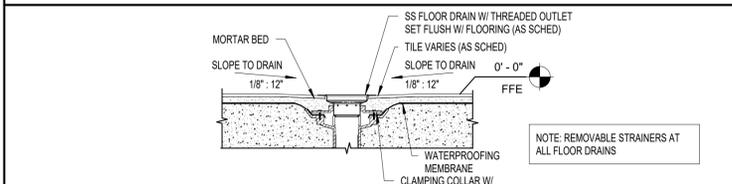
3 ENLARGED PLAN - STORAGE  
SCALE: 1/2" = 1'-0"



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"

100% CONSTRUCTION DOCUMENTS  
ENLARGED PLANS

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

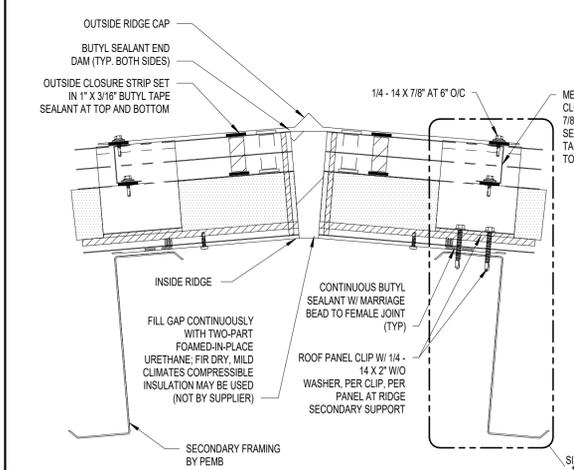
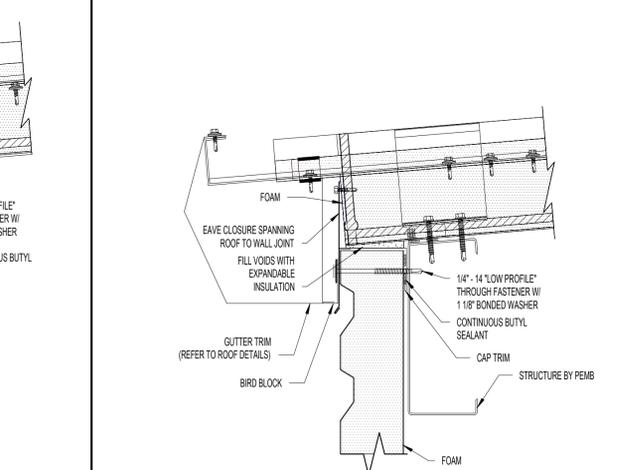
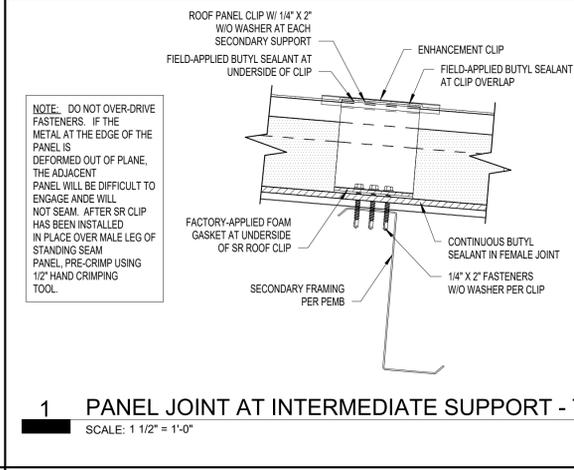
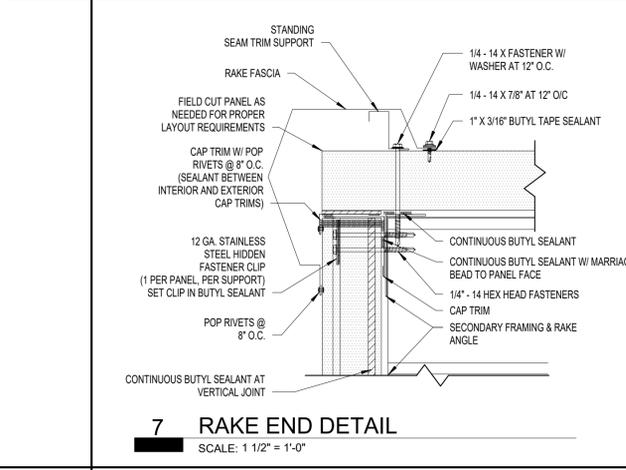
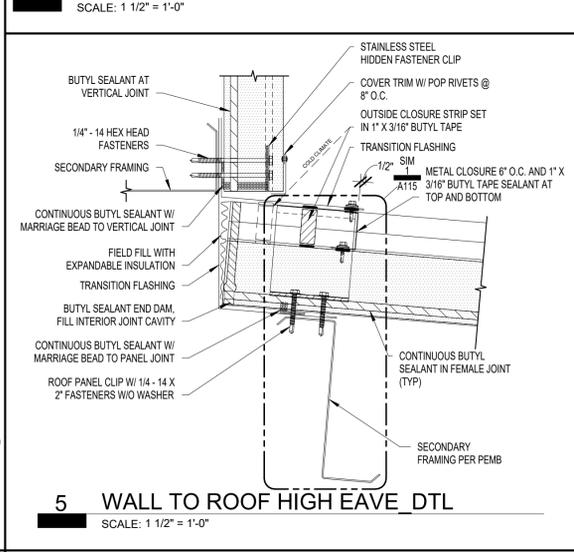
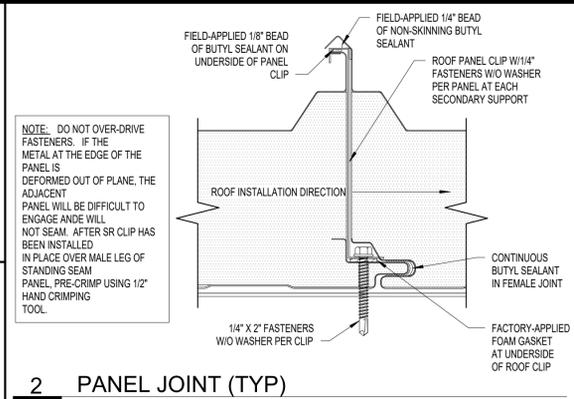
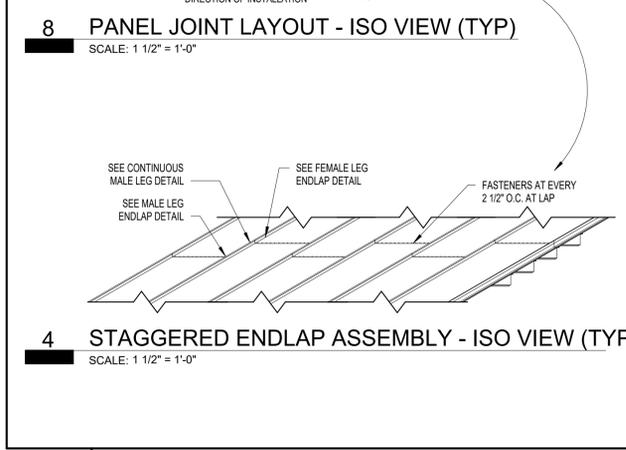
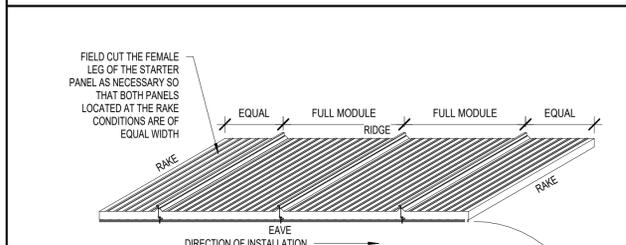
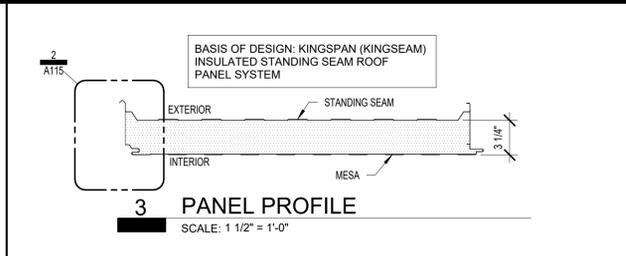
**db** ARCHITECTURE OF ACADIANA, LLC

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

#	BY	DATE	REVISION	PROJECT NUMBER:
				20231117
				DATE:
				01/17/2025
				<b>A113</b>

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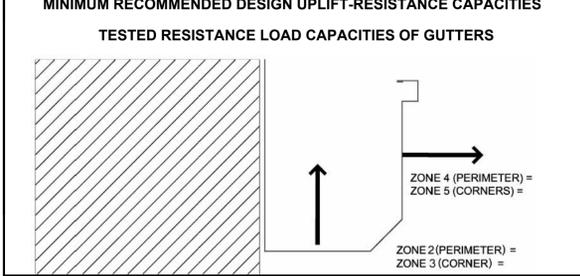
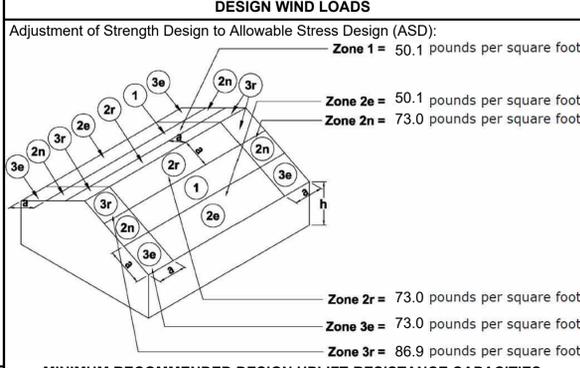


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**METALS:**  
 1. ALL METAL EDGING AND FLASHING SHALL MATCH ADJACENT WALL & ROOF IN COLOR & QUALITY, STL CONFORMING TO SHAPES AS NEEDED. (VERIFY COLOR W/ ARCHITECT)

**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: 1 1/2:12 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



**SMACNA** 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 (ft<sup>2</sup>): 4,365.00  
\* Area of Largest Roof Serving a Single Downspout 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 ASMM

M (depth to width ratio): 0.75

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

Min. Gutter Depth (in.): 5.5

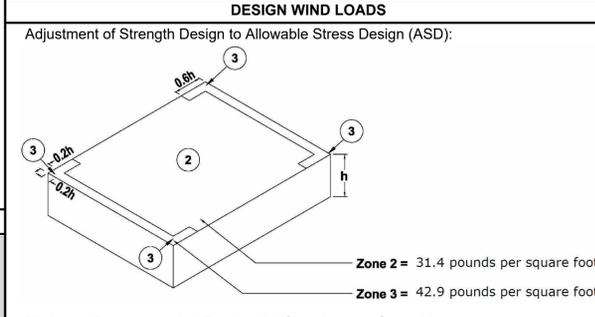
# of Downspouts: 4

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

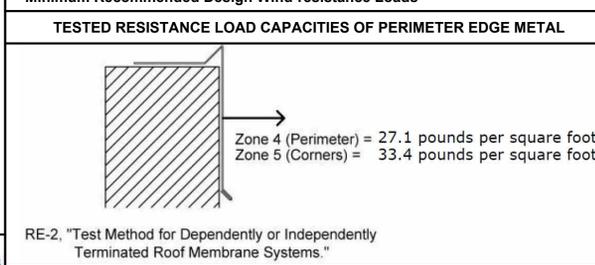
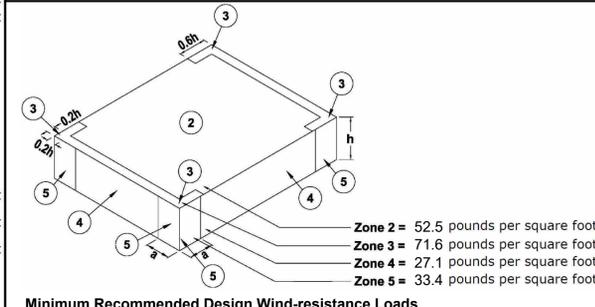
Min. Area per DS (in<sup>2</sup>): 9.92

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

BUILDING & ROOF AREA INFORMATION	
Roof Area Dimensions (feet):	44 x 18
Mean Roof Height (feet):	20.0
Roof Slope:	Flat: 1 1/2:12 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



Minimum Recommended Design Uplift-resistance Capacities	
Zone 1'	22.8 pounds per square foot
Zone 1	39.8 pounds per square foot
Zone 2	52.5 pounds per square foot
Zone 3	71.6 pounds per square foot



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

**100% CONSTRUCTION DOCUMENTS**

**ROOF 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**

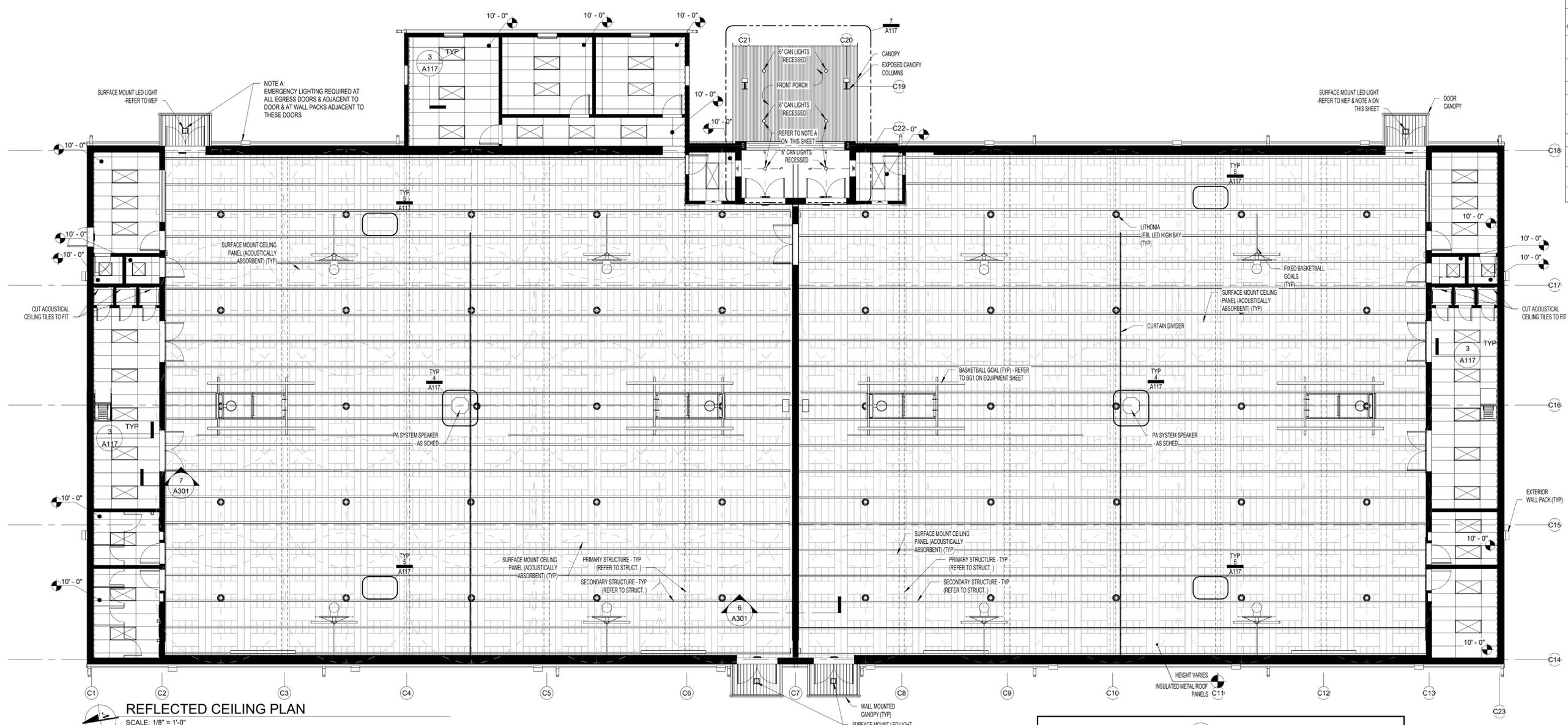
TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com  
 ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

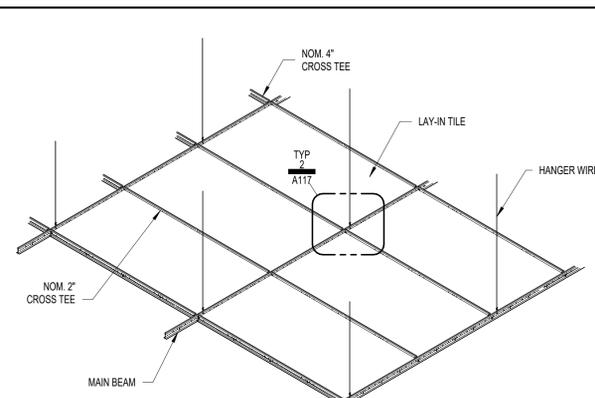
PROJECT NUMBER: 20231117  
 DATE: 01/17/2025  
**A115**

**CEILING LEGEND**

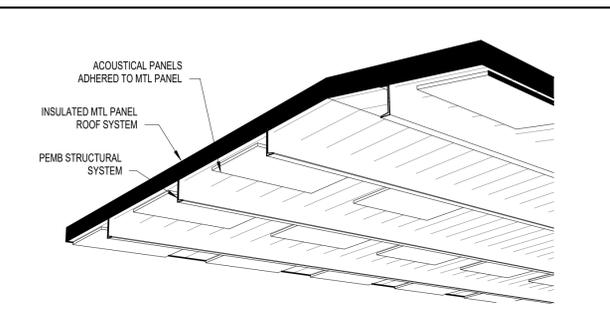
	INDICATES CEILING TYPE
	INDICATES CEILING HEIGHT
	2' x 2' RECESSED LED FIXTURE, ELECTRONIC BALLAST
	2' x 4' RECESSED LED FIXTURE, ELECTRONIC BALLAST
	EXHAUST FAN
	HVAC SUPPLY
	HVAC RETURN
	HIGH BAY LIGHT FIXTURE
	ACOUSTICAL CEILING PANELS - REFER TO EQUIPMENT SHEET FOR BASIS OF DESIGN
	SQUARE LED LIGHT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



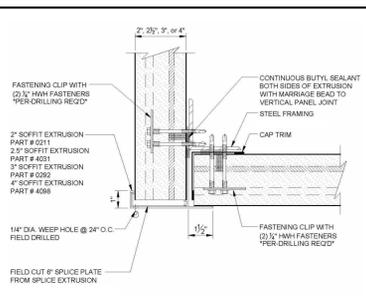
**REFLECTED CEILING PLAN**  
SCALE: 1/8" = 1'-0"



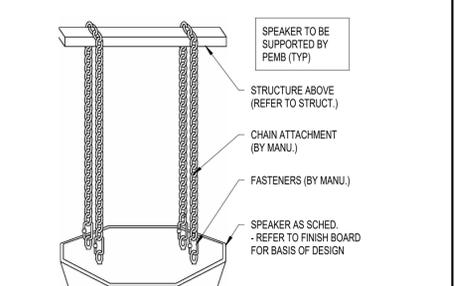
**3 CEILING - ACT STRUCTURE (TYP)**  
SCALE: 1/2" = 1'-0"



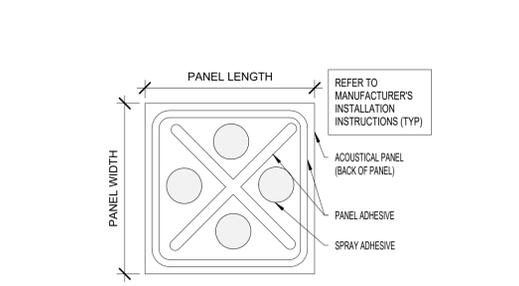
**6 ACOUSTICAL CEILING PANEL - PERSPECTIVE DTL**  
SCALE:



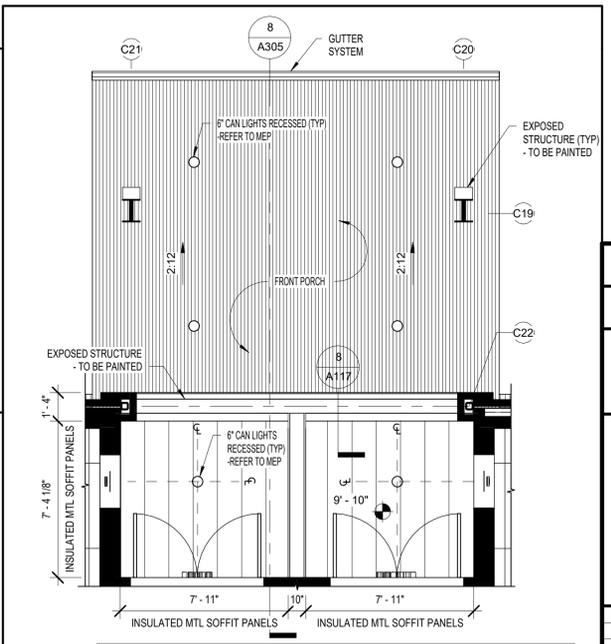
**8 SOFFIT TO FASCIA DTL**  
SCALE: NTS



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



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



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

NOTE:  
1. ALL EXPOSED STRUCTURE (COLUMNS & BEAMS) @ FRONT PORCH & MAIN ENTRY AT EXTERIOR TO BE PREPARED & 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.

**100% CONSTRUCTION DOCUMENTS**  
**REFLECTED CEILING PLANS**  
CITY OF OPELOUSAS  
**SOUTH CITY PARK CENTER**  
(TBD) S Market St, Opelousas, LA 70570  
St. Landry Parish  
PROJECT ID: 20231117

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#	BY	DATE	REVISION	PROJECT NUMBER:
				<b>20231117</b>
				DATE:
				01/17/2025
				<b>A117</b>



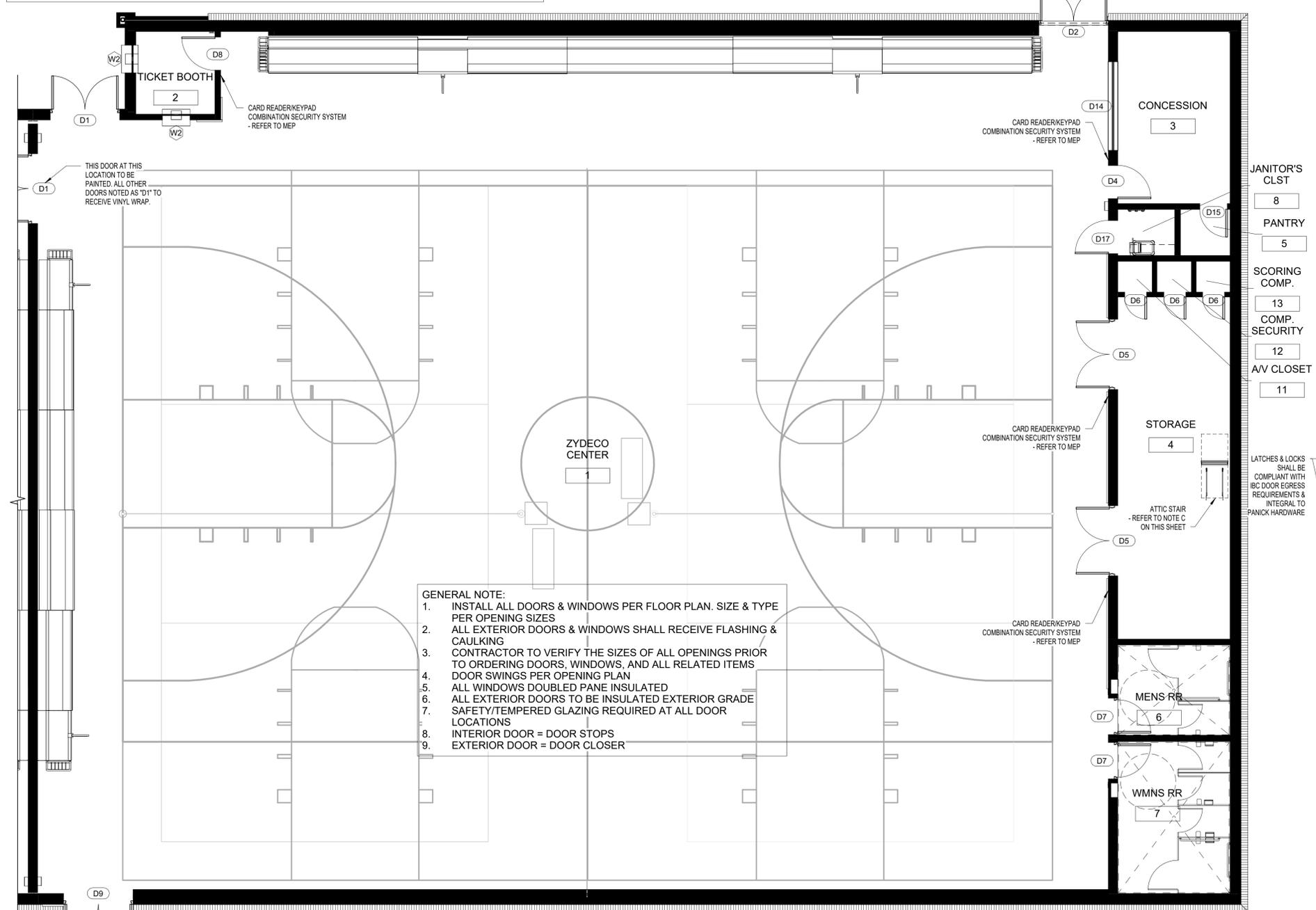
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DOOR SCHEDULE

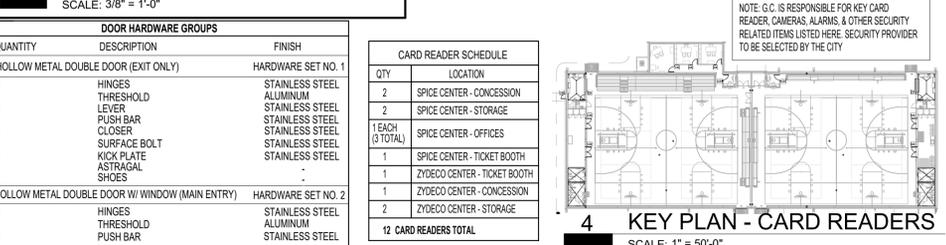
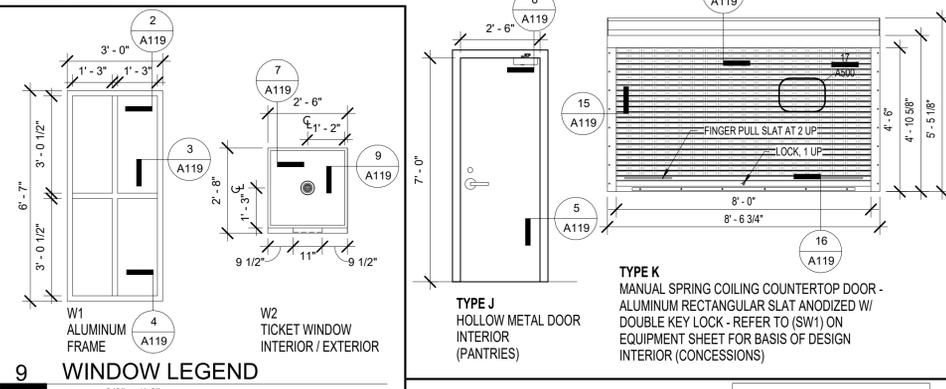
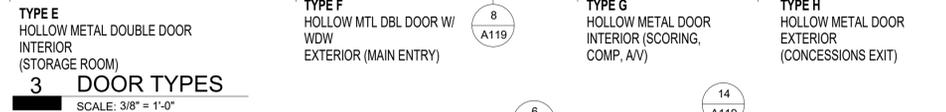
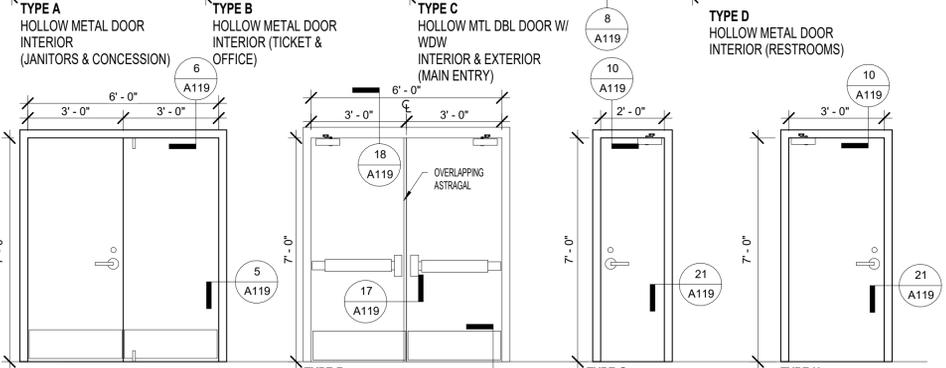
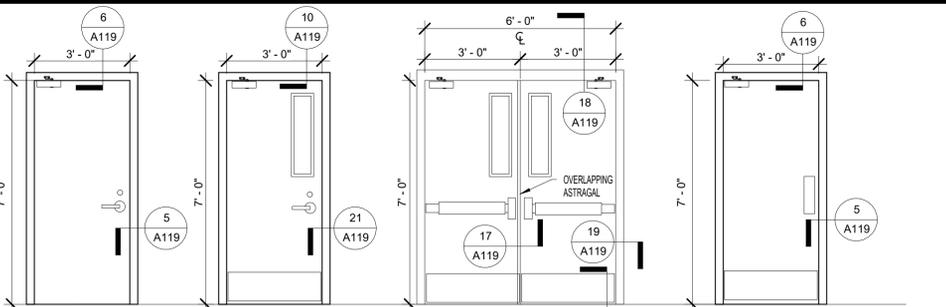
Mark	Door Type	Type	Function	Count	DOOR			ROUGH			DOOR GLASS			TYPE COMMENTS	DOOR FINISH	DOOR MATERIAL	DOOR TYPE	FRAME FINISH	DETAILS			SILL MATERIAL	SILL FINISH	HDW GROUP	REMARKS	Kick Plate	Construction Type	NOTE
					WIDTH	HEIGHT	THICK	WIDTH	HEIGHT	THICK	TEMPERED	BRONZE	HM						HM	HM	HEAD							
D1	TYPE C	HOLLOW METAL DBL DOOR - EXTERIOR	Exterior	3	6'-0"	7'-0"	0"	6'-1/4"	7'-1/4"	0'-1 3/4"	NO	NO	NO	HM	PAINT	HM	HM	PAINT	6/A119	5/A119	N/A	N/A	-	NO.4	PAINT ON SITE	YES	HM - INSULATED	E,G,H,I
D2	TYPE C	HOLLOW METAL DBL DOOR - EXTERIOR	Exterior	2	3'-0"	7'-0"	0"	3'-1/4"	7'-1/4"	0'-1 3/4"	NO	NO	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
D4	TYPE A	HOLLOW METAL DOOR - CONCESSION	Interior	2	3'-0"	7'-0"	0"	3'-1/4"	7'-1/4"	0'-1 3/4"	NO	NO	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
D5	TYPE E	HOLLOW METAL DBL DOOR - STORAGE	Interior	4	6'-0"	7'-0"	0"	6'-1/4"	7'-1/4"	0'-1 3/4"	NO	NO	NO	HM	PAINT	HM	HM	PAINT	6/A119	5/A119	N/A	N/A	-	NO.6	PAINT ON SITE	YES	HM	E,F
D6	TYPE G	HOLLOW METAL DOOR - AV, SCORING, & COMP	Interior	6	2'-0"	7'-0"	0"	2'-6 1/4"	7'-1/4"	0'-2"	NO	NO	NO	HM	PAINT	HM	HM	PAINT	6/A119	5/A119	N/A	N/A	-	NO.5	PAINT ON SITE	YES	HM	E,F
D7	TYPE D	HOLLOW METAL DOOR - RESTROOMS	Interior	4	3'-0"	7'-0"	0"	3'-1/4"	7'-1/4"	0'-1 3/4"	NO	NO	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
D8	TYPE B	HOLLOW METAL DOOR - TICKET BOOTH & OFFICES	Interior	5	3'-0"	7'-0"	0"	3'-1/4"	7'-1/4"	0'-1 3/4"	NO	NO	NO	HM	PAINT	HM	HM	PAINT	6/A119	5/A119	N/A	N/A	-	NO.4	PAINT ON SITE & 4/A118	YES	HM - INSULATED	E,G,H,I
D9	TYPE F	HOLLOW METAL DBL DOOR - EXTERIOR	Exterior	2	6'-0"	7'-0"	0"	6'-1/4"	7'-1/4"	0'-1 3/4"	NO	NO	NO	HM	PAINT	HM	HM	PAINT	6/A119	5/A119	N/A	N/A	-	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"	0"	3'-1/4"	7'-1/4"	0'-1 3/4"	NO	NO	NO	HM	PAINT	HM	HM	PAINT	6/A119	5/A119	N/A	N/A	-	NO.4	PAINT ON SITE	YES	HM - INSULATED	E,G,H,I
D14	TYPE K	CONCESSION - COIL UP DOOR	Interior	2	8'-0"	4'-6"	0"	8'-1/4"	<varies>	0'-1"	NO	NO	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"	0"	3'-1/4"	7'-1/4"	0'-1 3/4"	NO	NO	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"	0"	3'-1/4"	7'-1/4"	0'-1 3/4"	NO	NO	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		R.O. WIDTH	R.O. HEIGHT	HEAD HEIGHT	SILL HEIGHT	FRAME MATERIAL	FRAME COLOR (INT)	FRAME COLOR (EXT)	HARDWARE FINISH	DETAILS			TYPE COMMENTS	BASIS OF DESIGN	SCREEN	REMARKS	NOTE	
			WIDTH	HEIGHT									HEAD	SILL	JAMB						GLAZING
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.



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

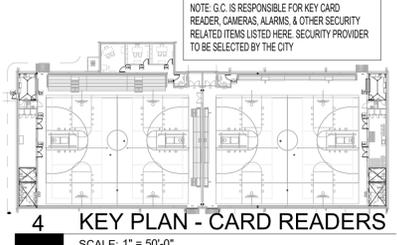


DOOR HARDWARE GROUPS

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
1	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
2	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

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 - CONCESSION
2	ZYDECO CENTER - STORAGE
12	CARD READERS TOTAL



100% CONSTRUCTION DOCUMENTS

OPENING PLAN - ZYDECO CENTER

CITY OF GREYBOUS

**SOUTH CITY PARK CENTER**

(TBD) S Market St, Opelousas, LA 70570

St. Landry Parish

PROJECT ID: 20231117

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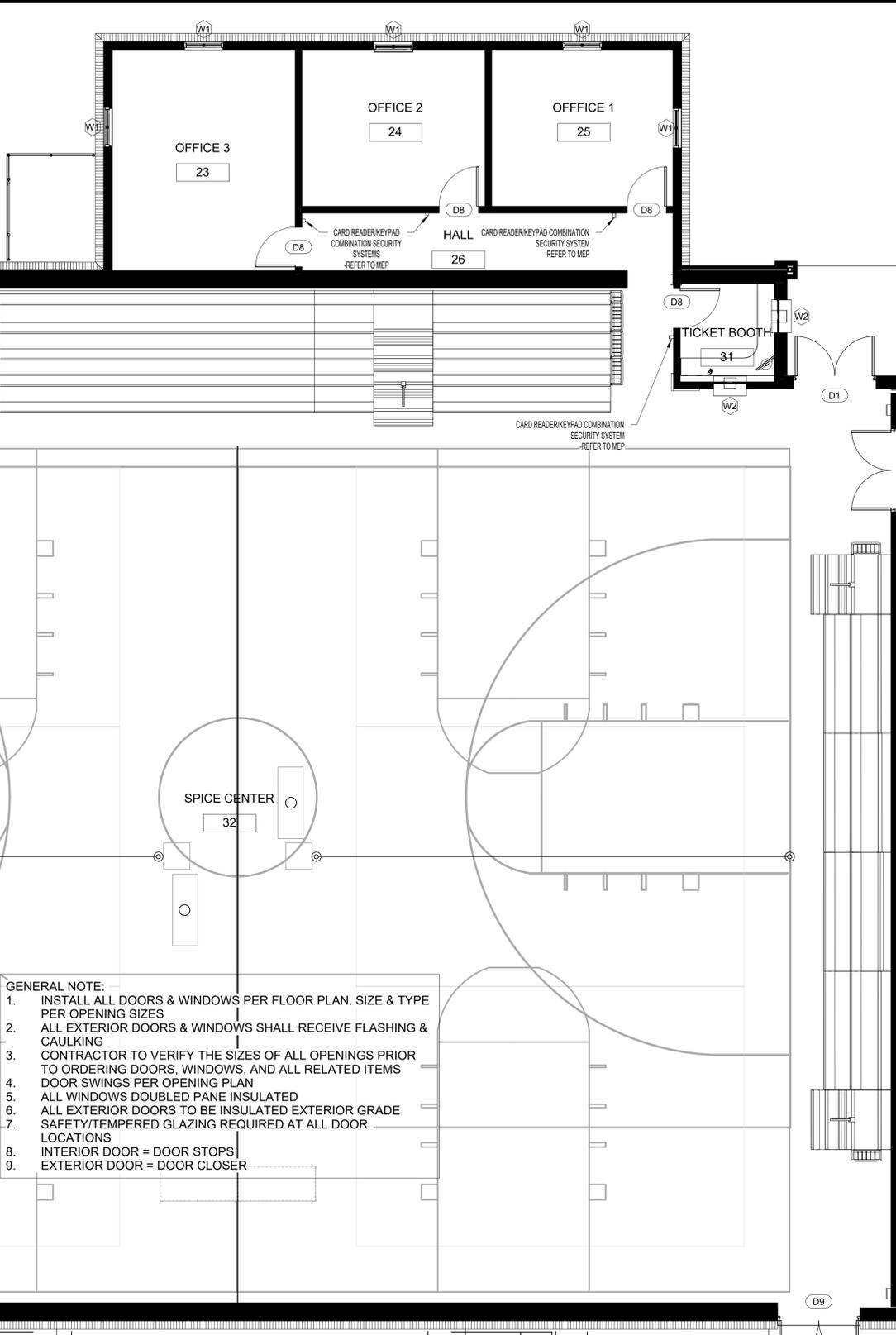
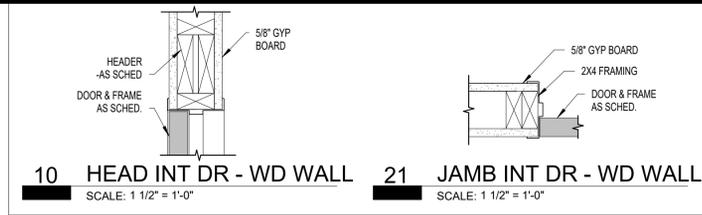
TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION

PROJECT NUMBER: 20231117

DATE: 01/17/2025

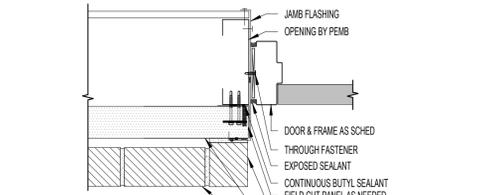
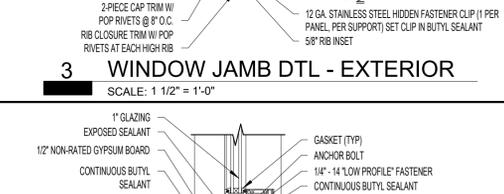
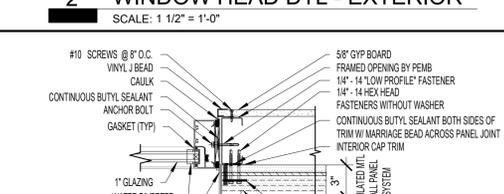
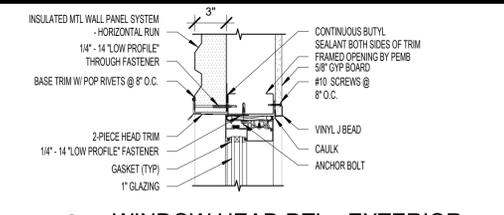
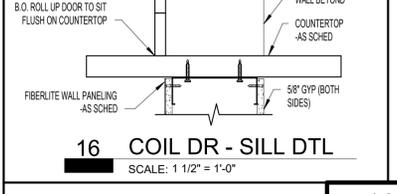
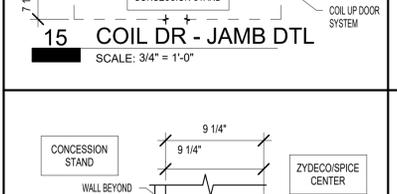
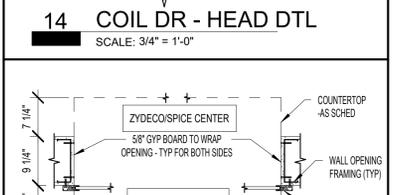
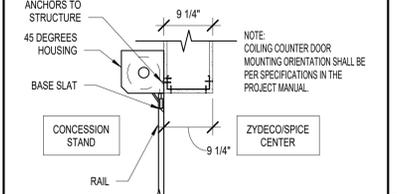
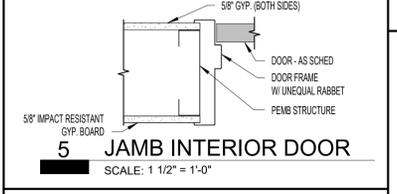
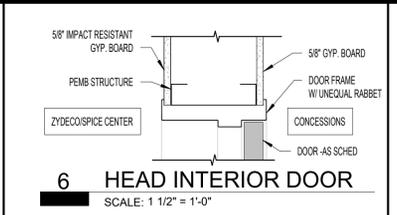
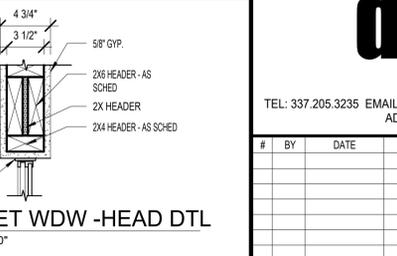
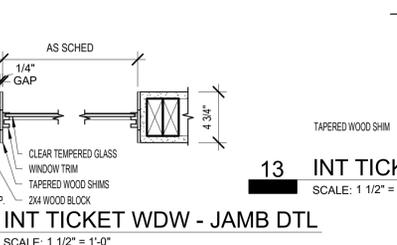
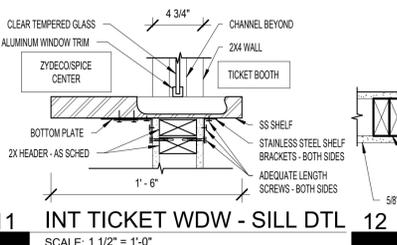
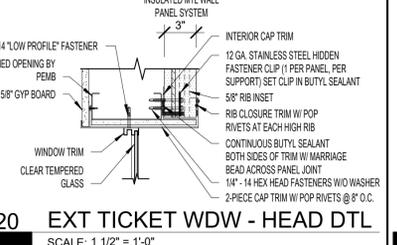
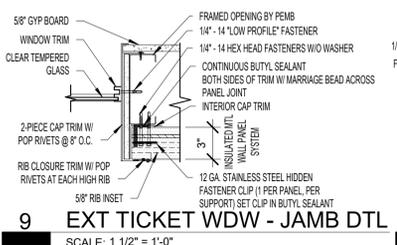
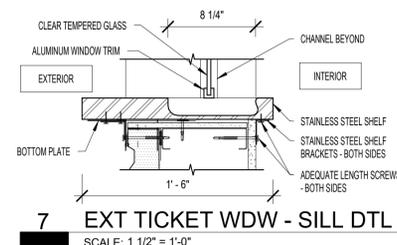
**A118**



- 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 SAFETY/TEMPERED GLAZING REQUIRED AT ALL DOOR LOCATIONS
  7. INTERIOR DOOR = DOOR STOPS
  8. EXTERIOR DOOR = DOOR CLOSER

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

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



100% CONSTRUCTION DOCUMENTS  
**OPENING PLAN - SPICE CENTER**  
 CITY OF GREYBOUIS  
**SOUTH CITY PARK CENTER**  
 (TBD) S Market St, Opelousas, LA 70570 St. Landry Parish  
 PROJECT ID: 20231117

**db ARCHITECTURE OF ACADIANA, LLC**

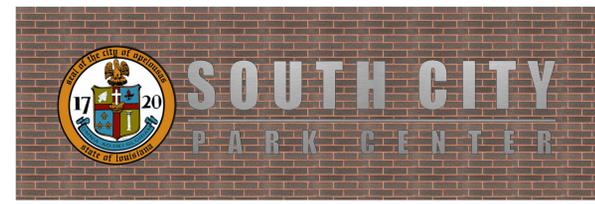
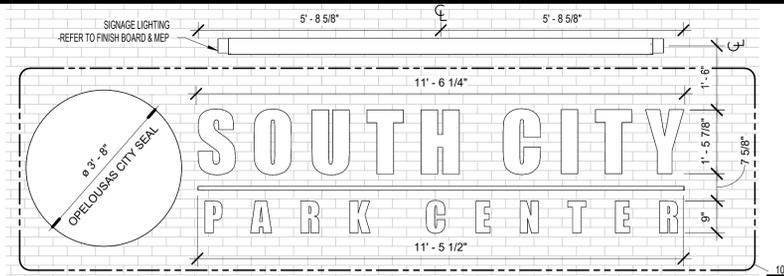
TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com  
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				<b>A119</b>

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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  
SIGNAGE FONT: IMPACT



OPELOUSAS COMMUNITY CENTER EXTERIOR FINISH SCHEDULE					
REF. NUMBER	ITEM	DESCRIPTION	MANUFACTURER/ORIENTATION	MODEL NUMBER	NOTE
<b>EXTERIOR</b>					
B1	BRICK	VELOUR TEXTURE BRICK	ACHE BRICK	BL-5	COLOR: TUSCANY
MR1	MORTAR COLOR	MORTAR	HOLCIM	RAINBOW MORTAR MIX	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	439RZ1563M	COLOR: WEATHERED ZINC - MICA
WP2	MTL WALL PANEL	INSULATED BARRIER MTL WALL PANEL (BEHIND BRICK)	KINGSPAN	KARRER PANEL	3" THICK, 22 GAUGE, 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 TYP1 LED-ALD-SW202-LV2-FRE-DOB2TD	COLOR: BLACK
L6	LIGHTING	ARCHITECTURAL LED WALL PACK	LITHONIA	31029	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	SENOC		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 - 18 BIKE CAPACITY	ULINE	H-2541BL	COLOR: BLACK
PF1	FENCING	COLOR CHAIN LINK FENCE	HOOVER	CHAIN LINK	COLOR: BLACK

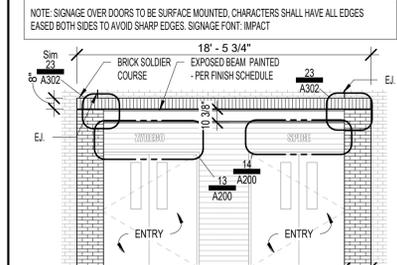
NOTE A:  
STANDING SEAM MTL ROOF CANOPY W/ SMOOTH MTL SOFFIT PANELS STRUCTURE TO BE FABRICATED BY MTL PEMB MANU. FASCIA & EAVES SHALL BE CLOSED W/ PRE FINISHED MTL. COLOR: WHITE - CONFIRM W/ ARCHITECT. SOFFIT PANELS SHALL HAVE 12" TO 16" SEAMS & SHALL BE PRE-APPROVED BY ARCHITECT

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

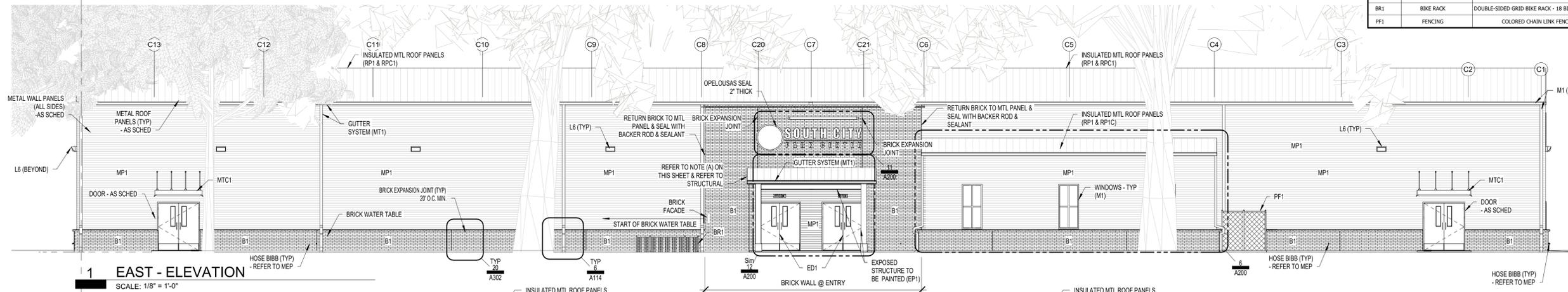
10 EXTERIOR SIGNAGE - MATERIAL RENDER  
SCALE: NTS

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.

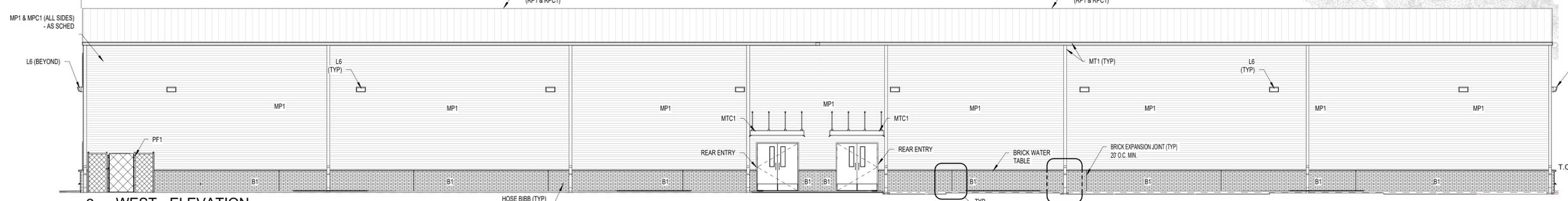
NOTE:  
1. ALL MANUFACTURER NAMES/ MODELS ARE BASIS OF DESIGN, OR PREAPPROVED EQUAL MANUFACTURER TO MATCH BASIS OF DESIGN COLOR IN SCHEDULE. SAMPLES TO BE PROVIDED FOR SELECTION AND VERIFICATION.  
2. NOTE: SIGNAGE OVER DOORS TO BE SURFACE MOUNTED. CHARACTERS SHALL HAVE ALL EDGES EASED BOTH SIDES TO AVOID SHARP EDGES. SIGNAGE FONT: IMPACT



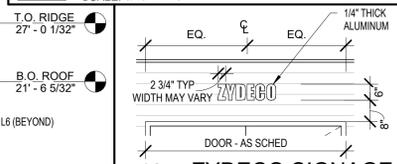
12 MAIN ENTRY - ELEVATION  
SCALE: 3/16" = 1'-0"



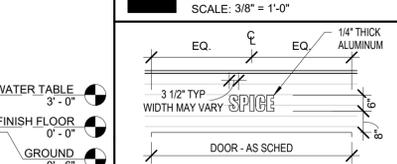
1 EAST - ELEVATION  
SCALE: 1/8" = 1'-0"



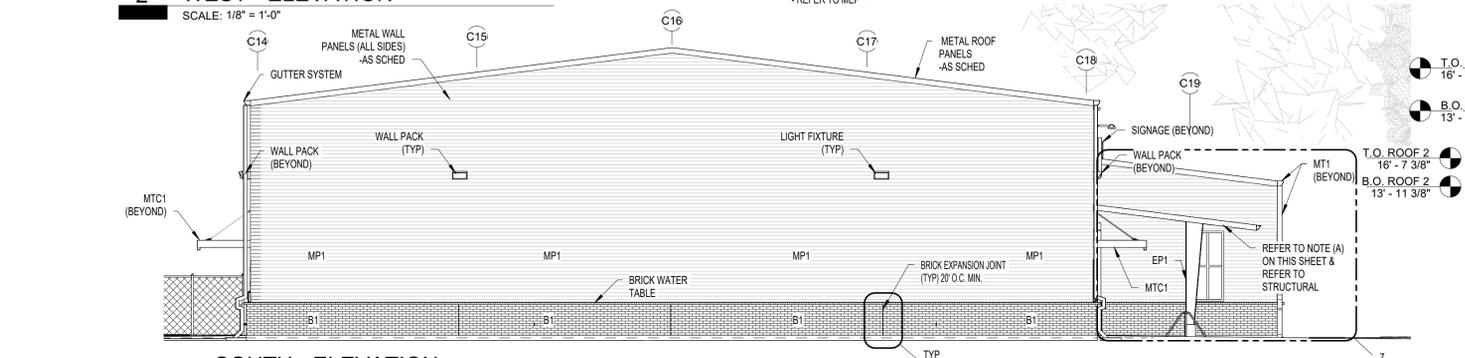
2 WEST - ELEVATION  
SCALE: 1/8" = 1'-0"



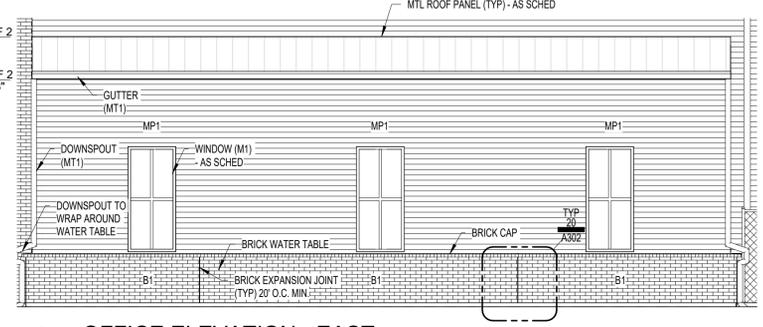
13 ZYDECO SIGNAGE  
SCALE: 3/8" = 1'-0"



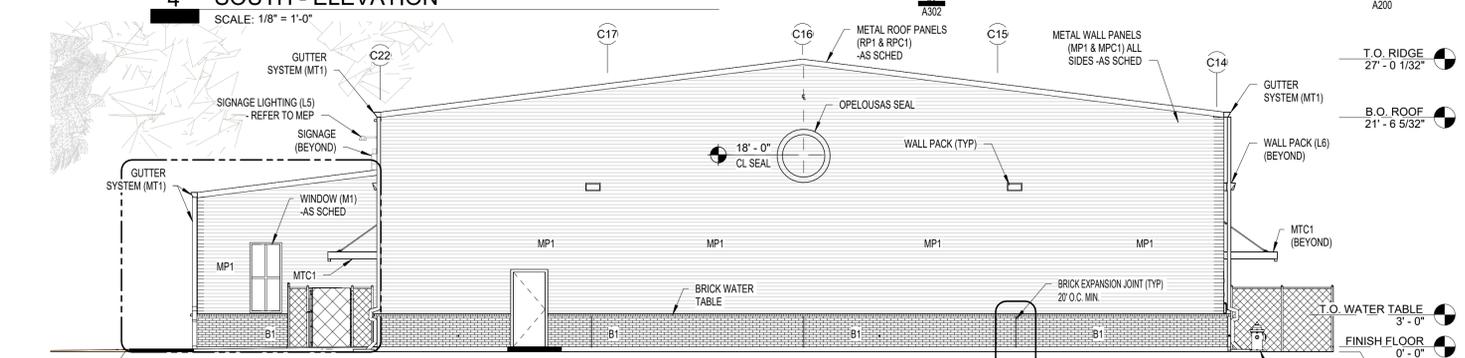
14 SPICE SIGNAGE  
SCALE: 3/8" = 1'-0"



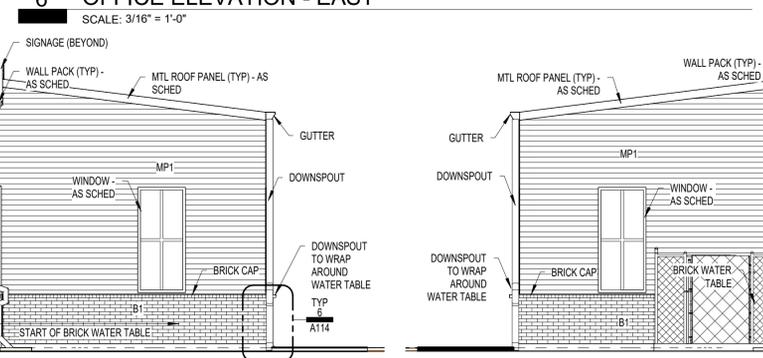
4 SOUTH - ELEVATION  
SCALE: 1/8" = 1'-0"



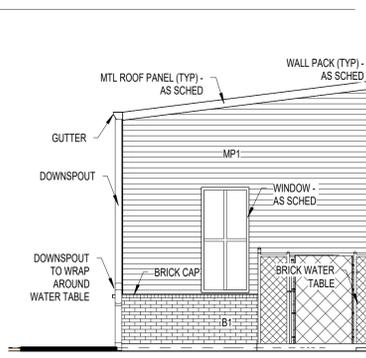
6 OFFICE ELEVATION - EAST  
SCALE: 3/16" = 1'-0"



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

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ELEVATIONS

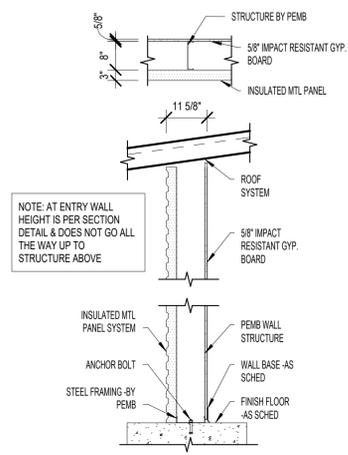
CITY OF OPELOUSAS  
**SOUTH CITY PARK CENTER**  
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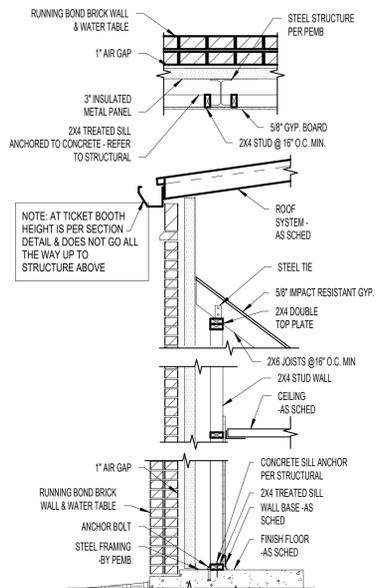
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				<b>A200</b>

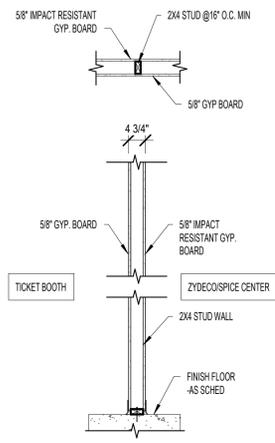
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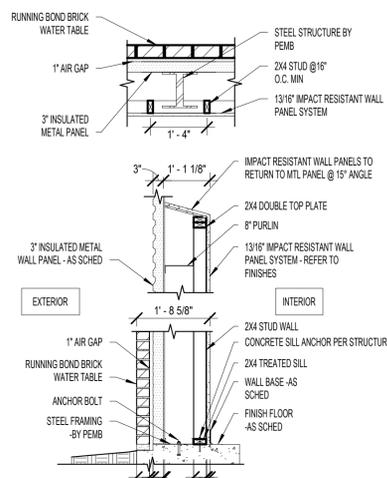
**WT1 - EXTERIOR WALL**  
SCALE: 1/2" = 1'-0"



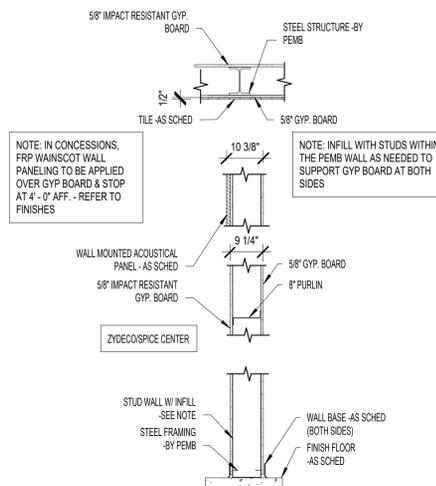
**WT2 - EXTERIOR WALL**  
SCALE: 1/2" = 1'-0"



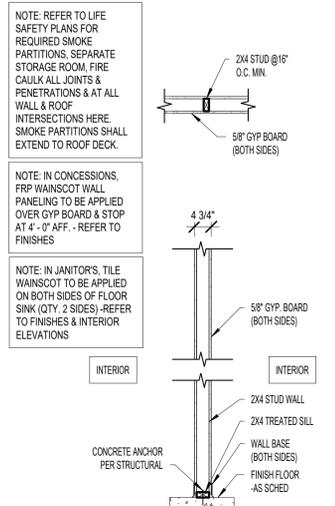
**WT3 - INTERIOR WALL**  
SCALE: 1/2" = 1'-0"



**WT4 - EXTERIOR WALL**  
SCALE: 1/2" = 1'-0"

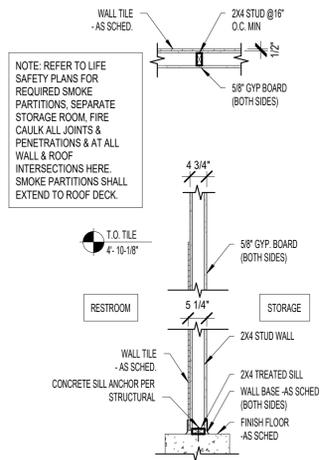


**WT5 - INTERIOR WALL**  
SCALE: 1/2" = 1'-0"

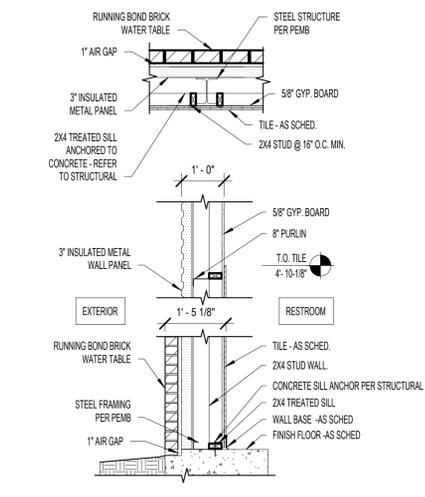


**WT6 - INTERIOR WALL**  
SCALE: 1/2" = 1'-0"

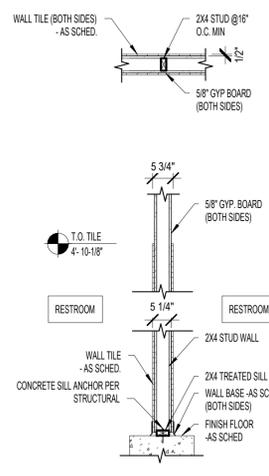
**ALL WOOD 2X, FRAMING, BLOCKING, SHEATHING, & DECKING SHALL BE FIRE RETARDANT TREATED WOOD**



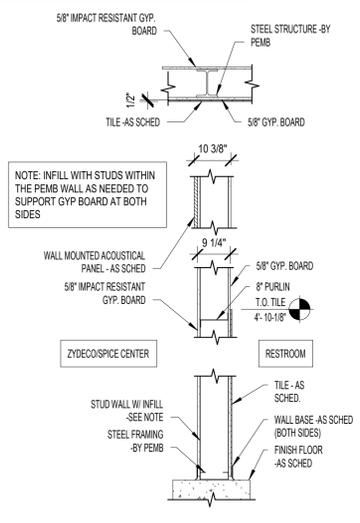
**WT7 - INTERIOR WALL**  
SCALE: 1/2" = 1'-0"



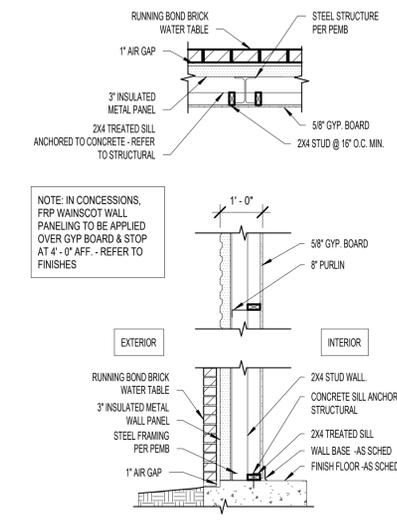
**WT8 - EXTERIOR WALL @ RESTROOMS**  
SCALE: 1/2" = 1'-0"



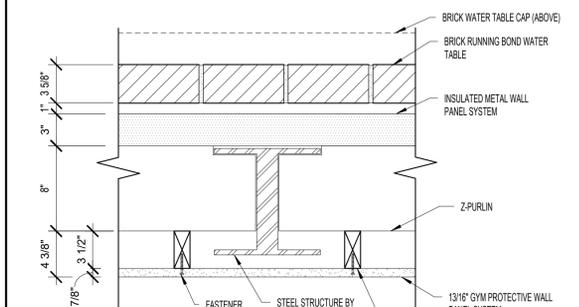
**WT9 - INTERIOR WALL @ RESTROOMS**  
SCALE: 1/2" = 1'-0"



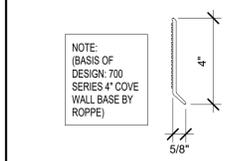
**WT10 - INTERIOR WALL**  
SCALE: 1/2" = 1'-0"



**WT11 - EXTERIOR WALL**  
SCALE: 1/2" = 1'-0"

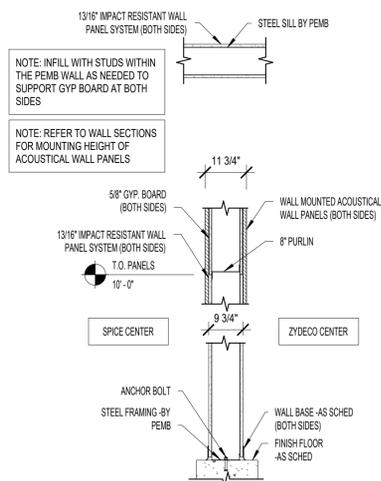


**17 WALL SECTION DTL - PLAN VIEW (TYP @WT4)**  
SCALE: 1 1/2" = 1'-0"

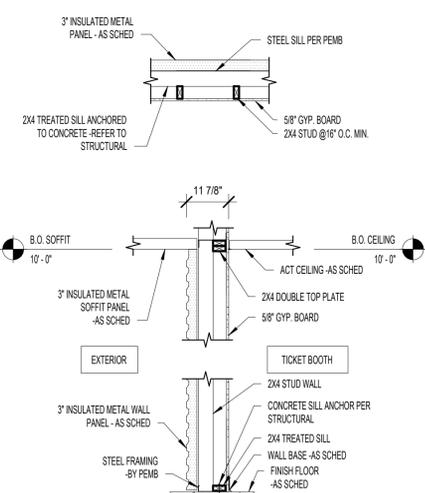


**18 WALL BASE DTL**  
SCALE: 3" = 1'-0"

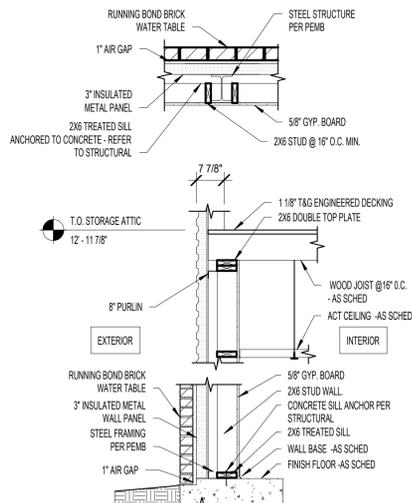
**ALL WOOD 2X, FRAMING, BLOCKING, SHEATHING, & DECKING SHALL BE FIRE RETARDANT TREATED WOOD**



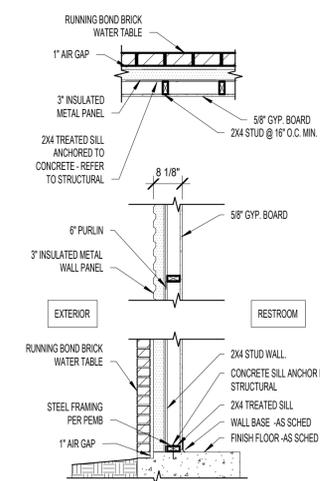
**WT12 - EXTERIOR WALL**  
SCALE: 1/2" = 1'-0"



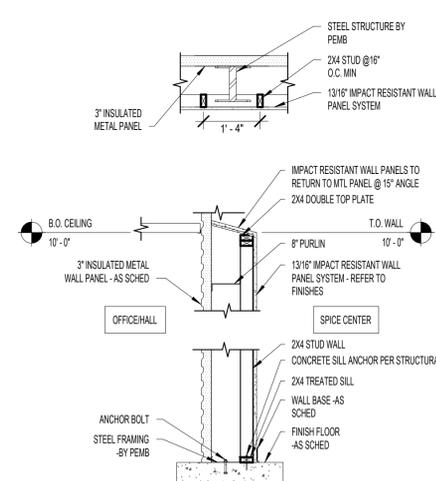
**WT13 - EXTERIOR WALL**  
SCALE: 1/2" = 1'-0"



**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 GREYBOUS  
**SOUTH CITY PARK CENTER**  
(TBD) S Market St, Opelousas, LA 70570  
PROJECT ID: 20231117

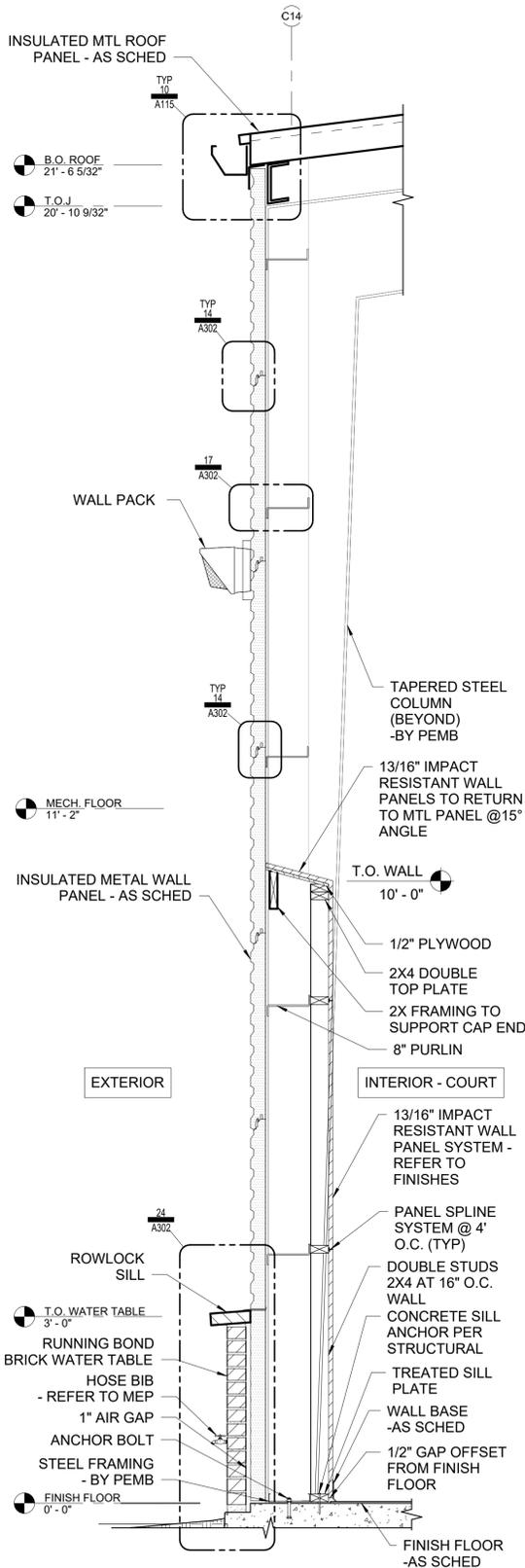
**db ARCHITECTURE OF ACADIANA, LLC**

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

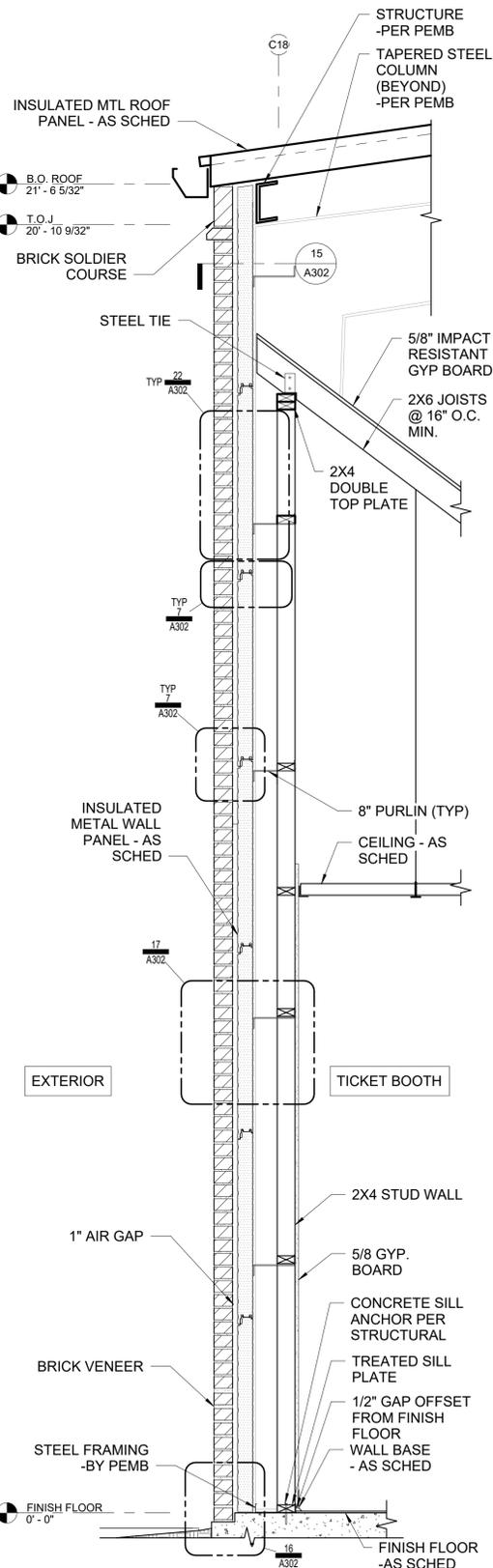
#	BY	DATE	REVISION	PROJECT NUMBER:
				<b>20231117</b>
				DATE:
				01/17/2025
				<b>A300</b>



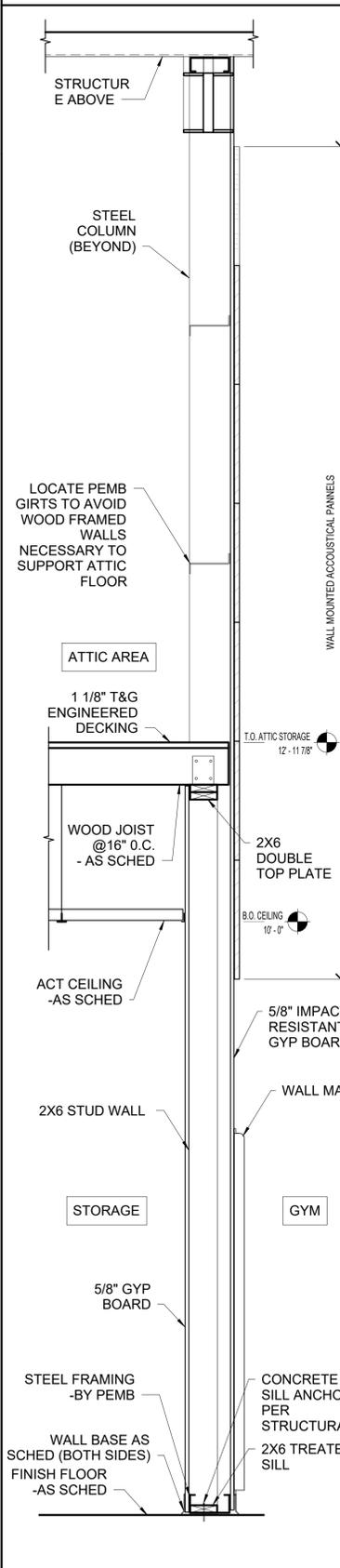
ALL WOOD 2X, FRAMING, BLOCKING, SHEATHING, & DECKING SHALL BE FIRE RETARDANT TREATED WOOD



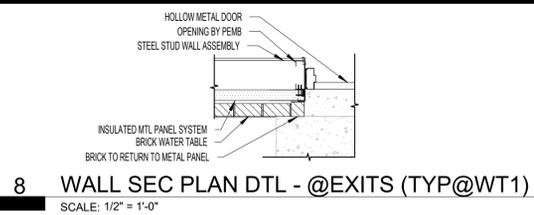
4 EXTERIOR WALL SECTION - A  
SCALE: 3/4" = 1'-0"



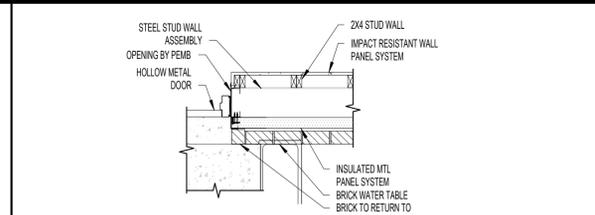
5 EXTERIOR WALL SECTION - B  
SCALE: 3/4" = 1'-0"



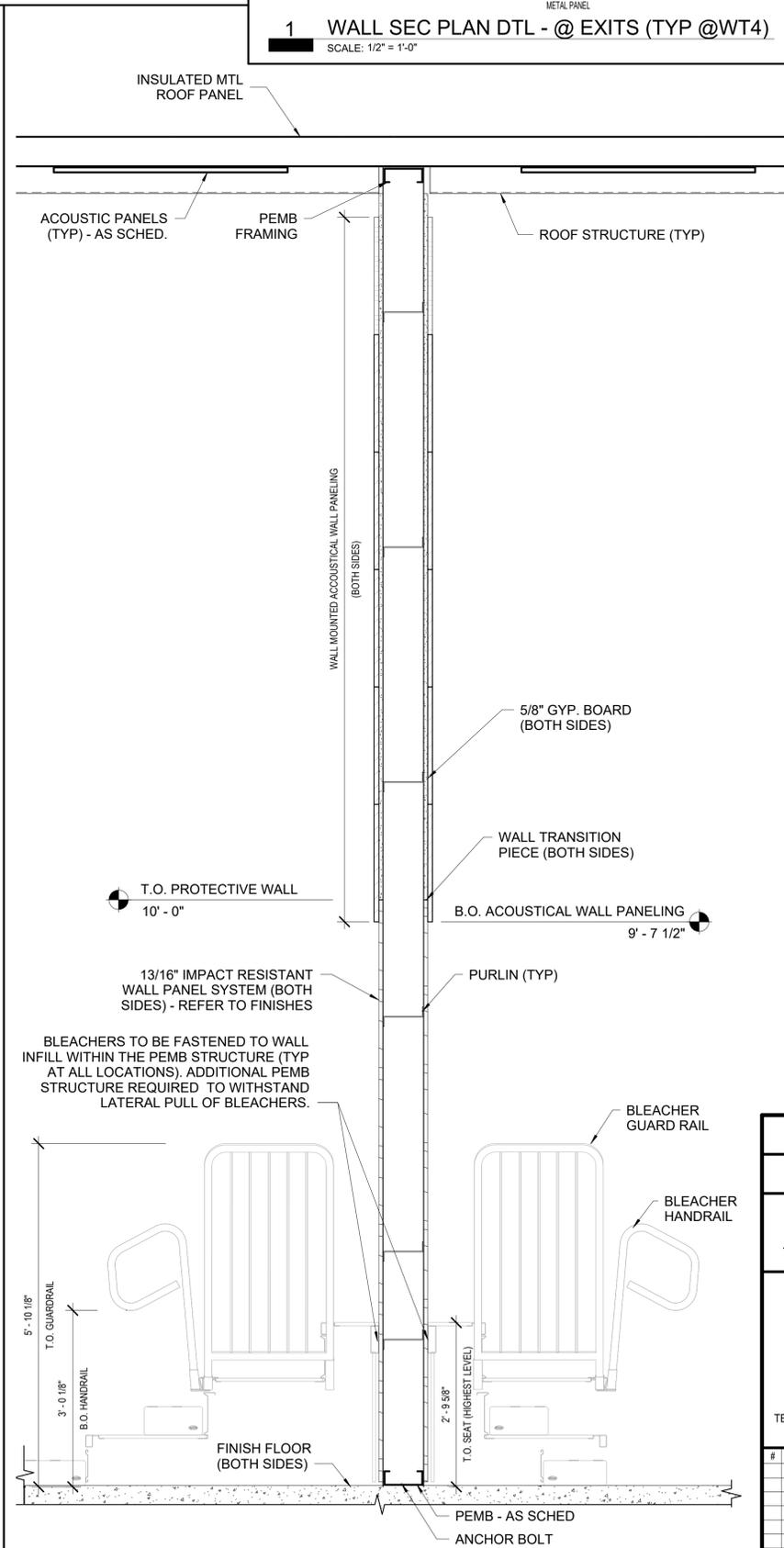
7 WALL PARTITION SECTION  
SCALE: 3/4" = 1'-0"



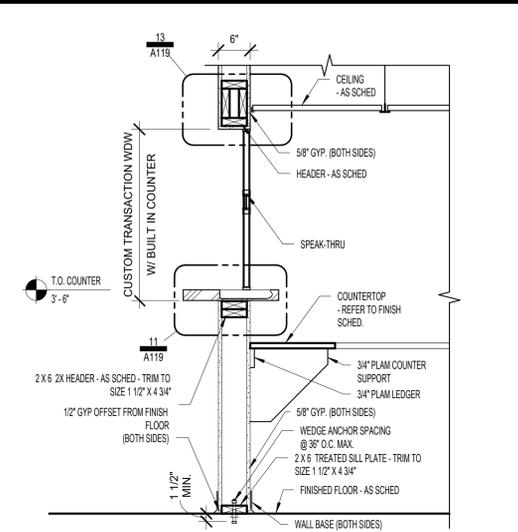
8 WALL SEC PLAN DTL - @ EXITS (TYP@WT1)  
SCALE: 1/2" = 1'-0"



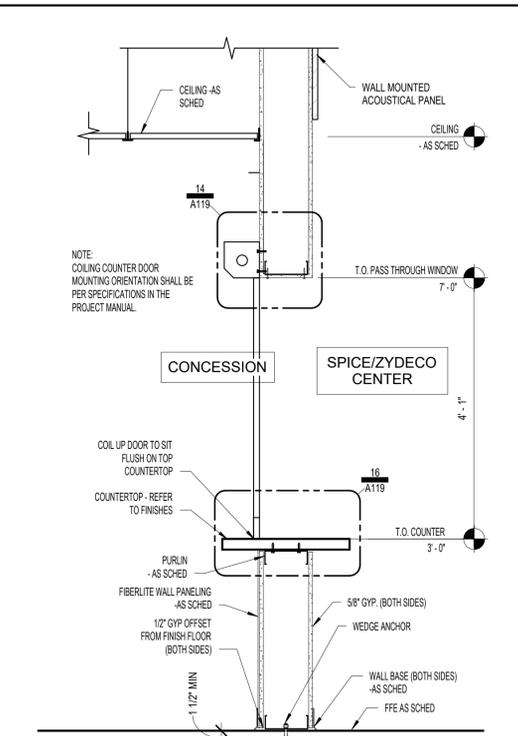
1 WALL SEC PLAN DTL - @ EXITS (TYP@WT4)  
SCALE: 1/2" = 1'-0"



6 CENTER WALL - SECTION DTL  
SCALE: 3/4" = 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

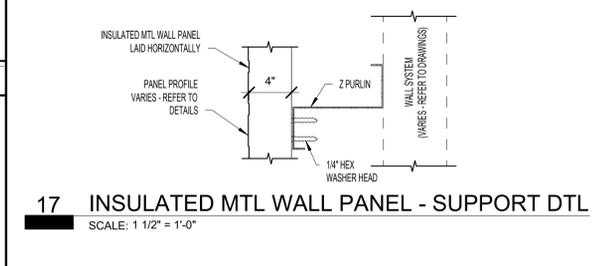
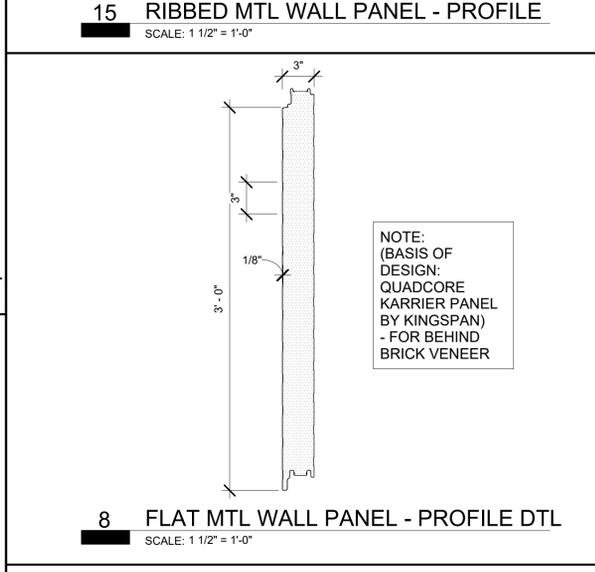
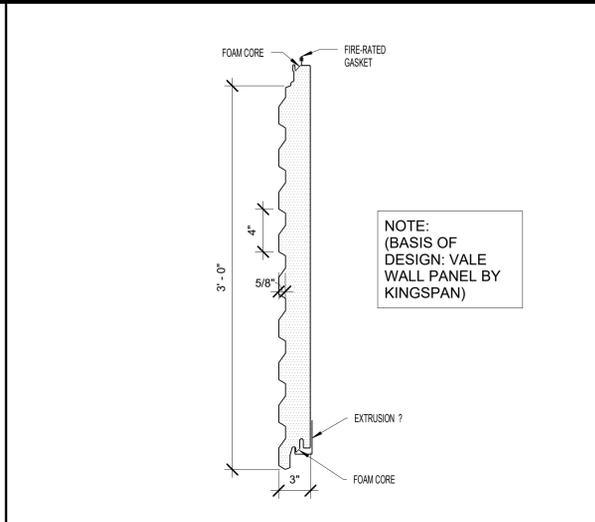
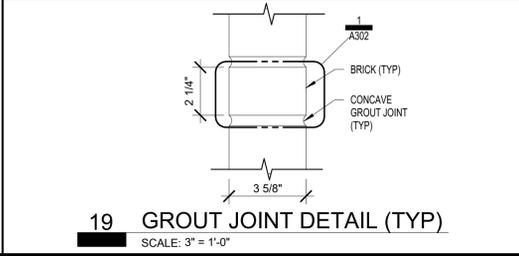
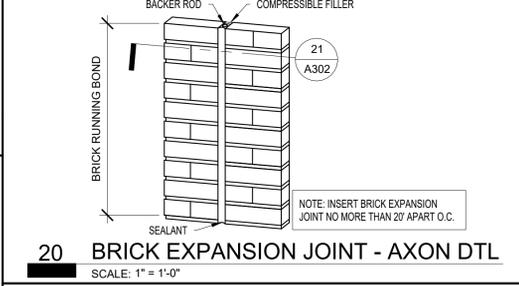
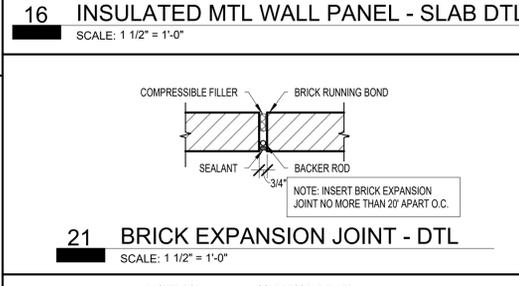
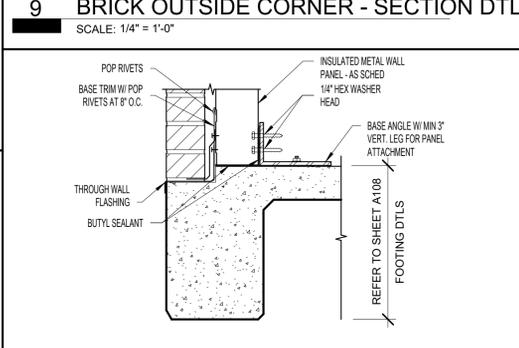
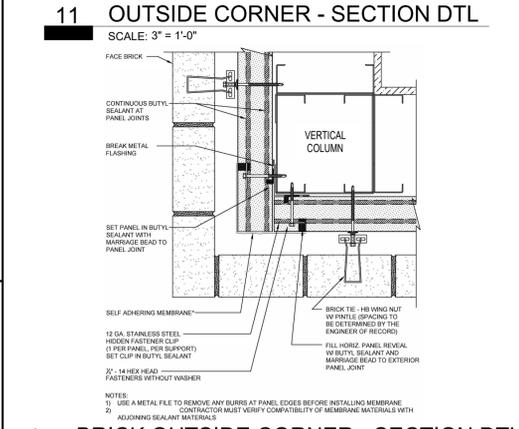
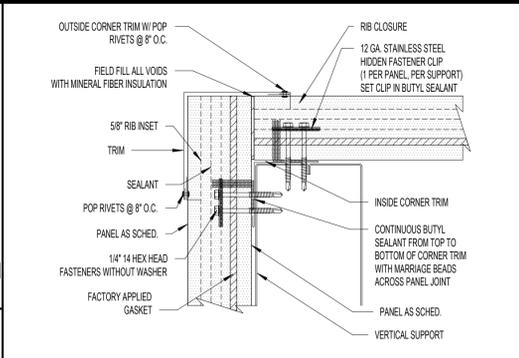
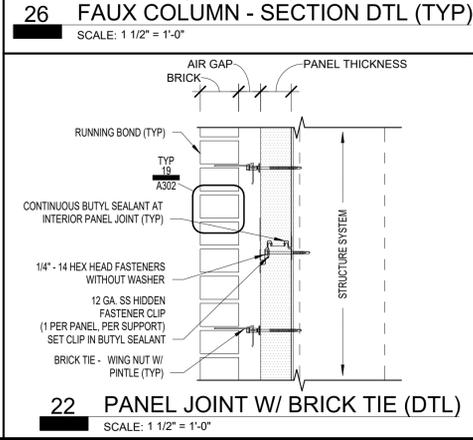
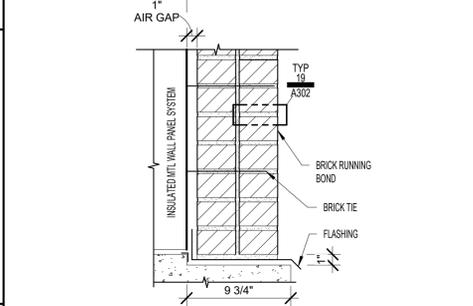
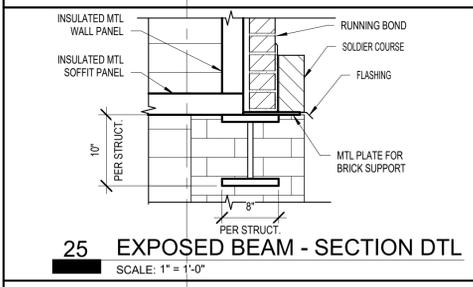
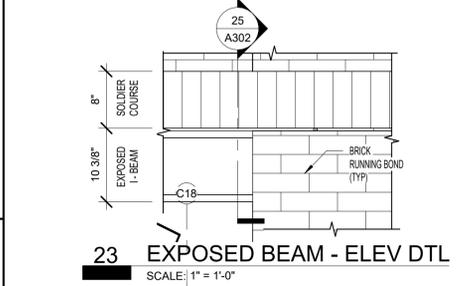
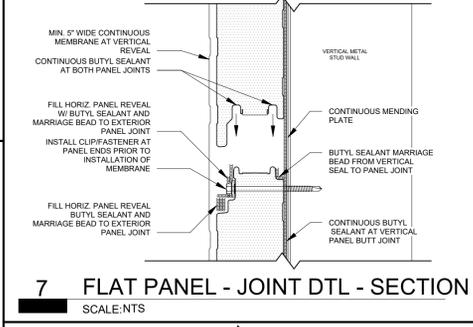
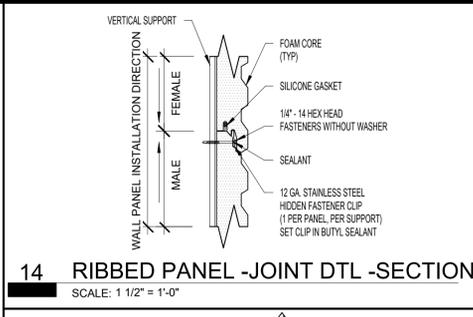
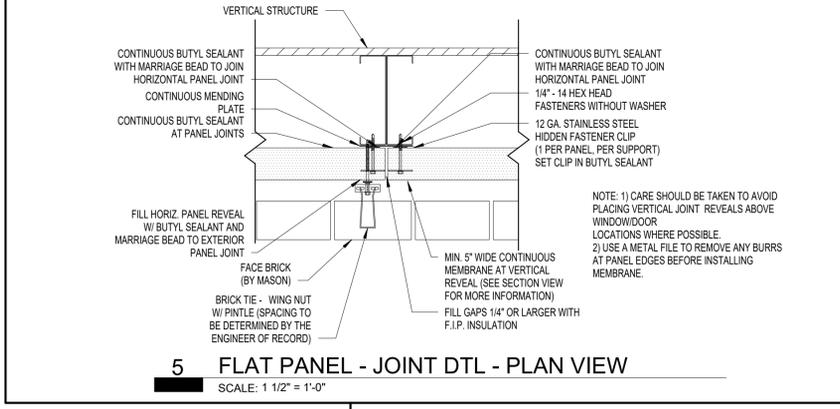
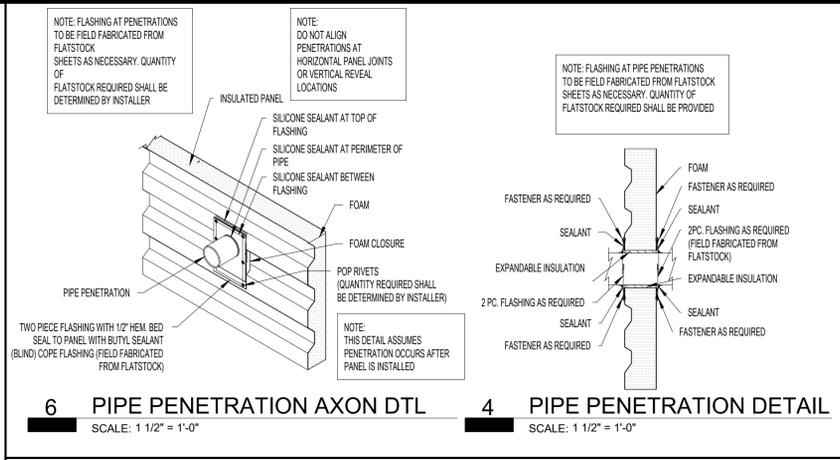
CITY OF OPELOUSAS  
SOUTH CITY PARK CENTER  
(TBD) S Market St, Opelousas, LA 70570  
PROJECT ID: 20231117

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
				A301





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

**100% CONSTRUCTION DOCUMENTS**  
**WALL SECTION DETAILS**  
CITY OF OPELOUSAS  
**SOUTH CITY PARK CENTER**  
(TBD) S Market St, Opelousas, LA 70570  
PROJECT ID: 20231117

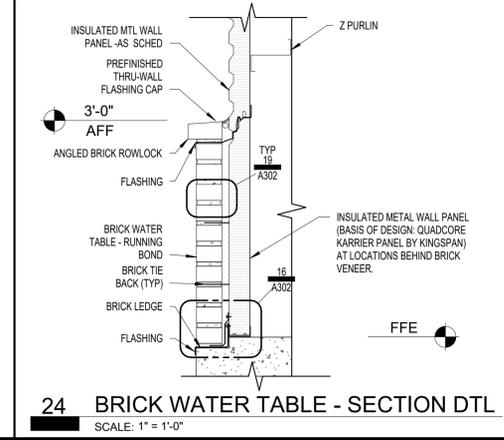
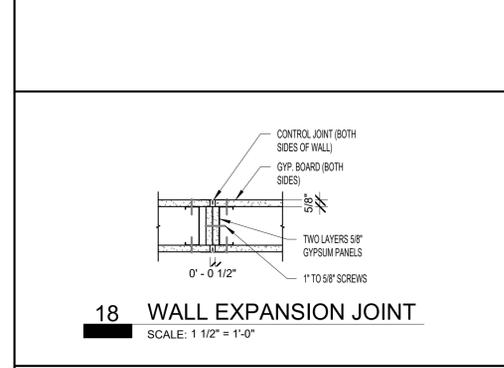
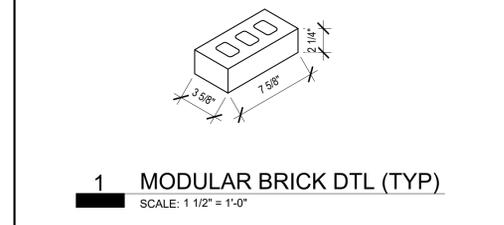
**db ARCHITECTURE OF ACADIANA, LLC**

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

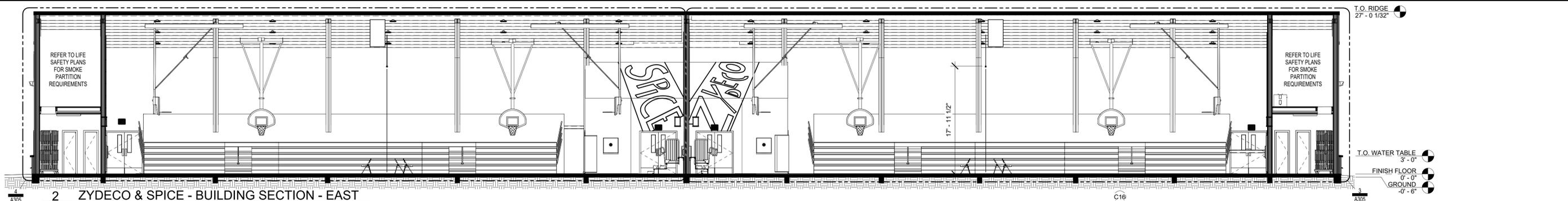
#	BY	DATE	REVISION

PROJECT NUMBER: **20231117**  
DATE: 01/17/2025  
**A302**

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



DATE: 02/02/2025 2:26:10 PM COPYRIGHT ARCHITECTURE OF ACADIANA, LLC

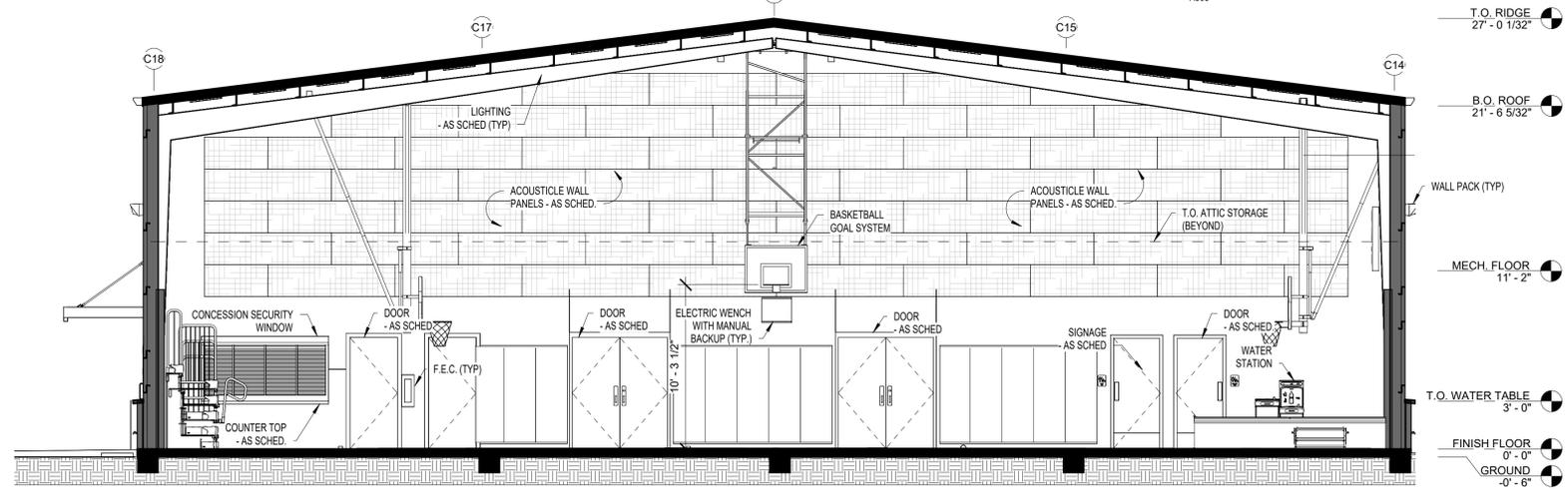


2 ZYDECO & SPICE - BUILDING SECTION - EAST  
SCALE: 1/8" = 1'-0"

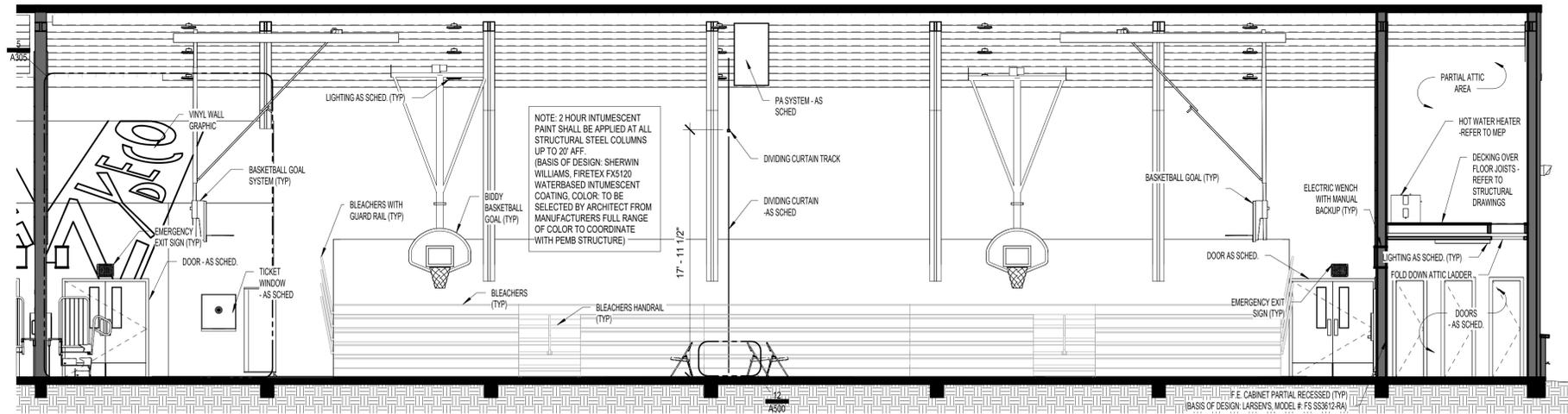


7 INTERIOR - MAIN ENTRY - RENDERED VIEW  
SCALE: 1/4" = 1'-0"

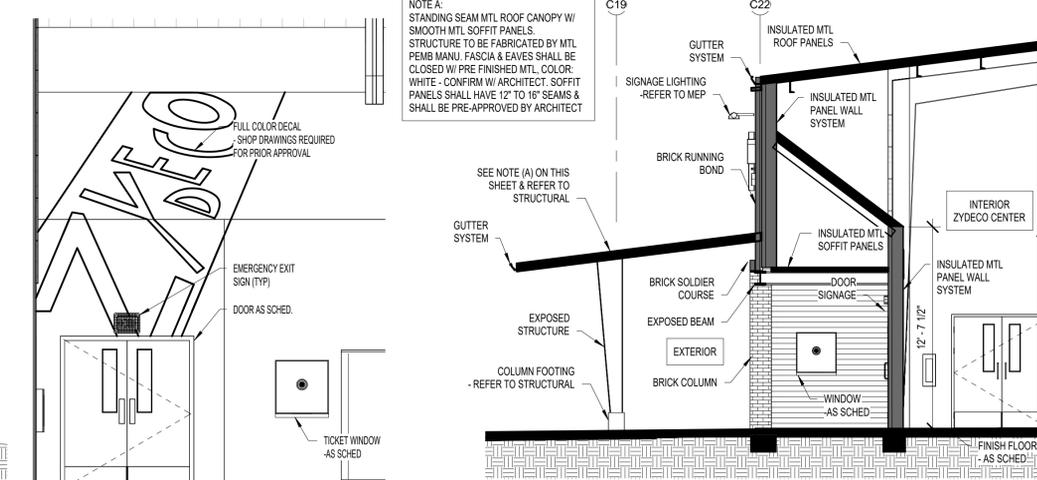
NOTE: DESIGN INTENT IS TO COORDINATE ALL COLORS WITHOUT LIMITATIONS BY MANUFACTURER REGARDLESS OF PRODUCTS WHETHER FLOOR COLORS, WALL GRAPHIC DECAL, WALL PADS WITH GRAPHIC, OR FRONT DOOR DECALS. SHOP DRAWINGS AND CUSTOM COLORS ARE REQUIRED TO ENSURE FULL COORDINATION OF DESIGN FOR ALL OF THESE ITEMS.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



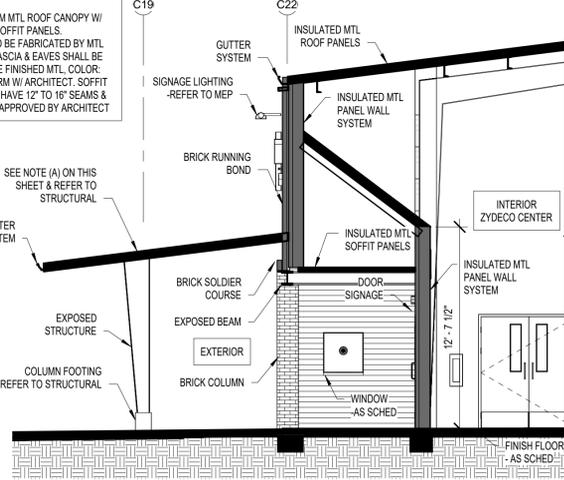
1 ZYDECO & SPICE - BUILDING SECTION - SOUTH  
SCALE: 3/16" = 1'-0"



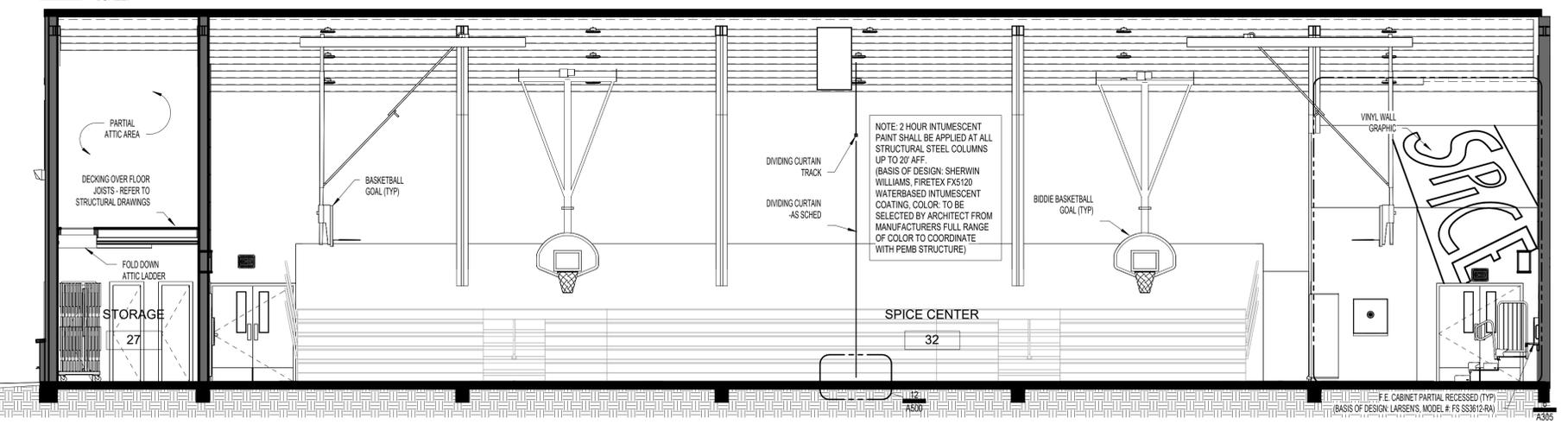
3 ENLARGED BLDG SECTION - ZYDECO CENTER  
SCALE: 3/16" = 1'-0"



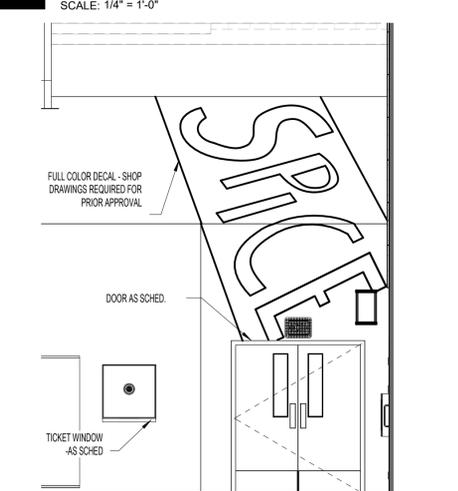
5 ELEV ZYDECO ENTRY WALL DECAL  
SCALE: 1/4" = 1'-0"



8 MAIN ENTRY - SECTION DTL - SOUTH  
SCALE: 3/16" = 1'-0"



4 ENLARGED BLDG SECTION - SPICE CENTER  
SCALE: 3/16" = 1'-0"



6 ELEV SPICE ENTRY WALL DECAL  
SCALE: 1/4" = 1'-0"

100% CONSTRUCTION DOCUMENTS

BUILDING SECTIONS

CITY OF GRELOUSAS

**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

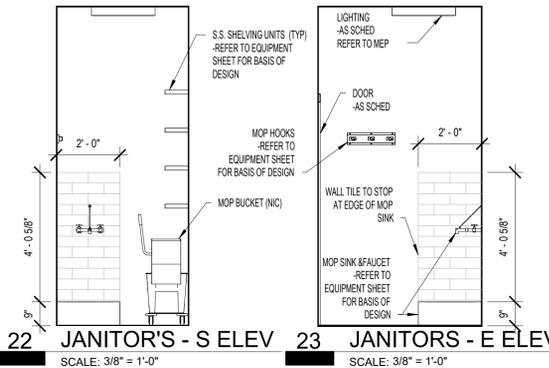
#	BY	DATE	REVISION

PROJECT NUMBER: 20231117

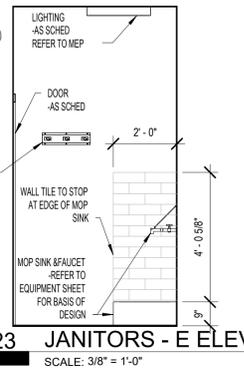
DATE: 01/17/2025

**A305**

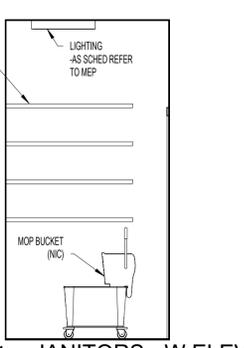
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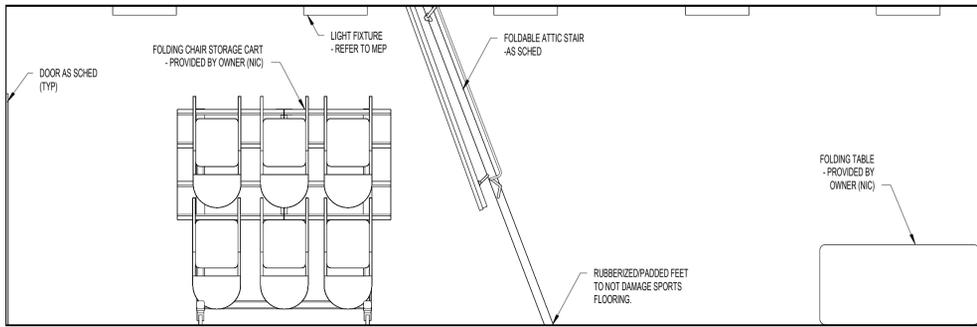
**22 JANITOR'S - S ELEV**  
SCALE: 3/8" = 1'-0"



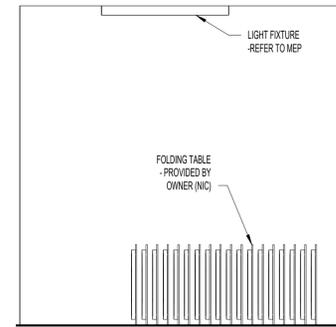
**23 JANITORS - E ELEV**  
SCALE: 3/8" = 1'-0"



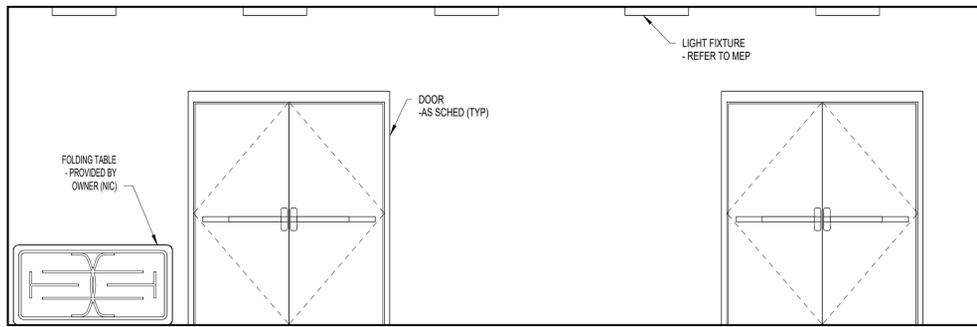
**24 JANITORS - W ELEV**  
SCALE: 3/8" = 1'-0"



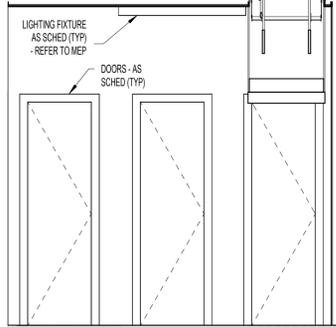
**1 STORAGE - EAST ELEVATION**  
SCALE: 3/8" = 1'-0"



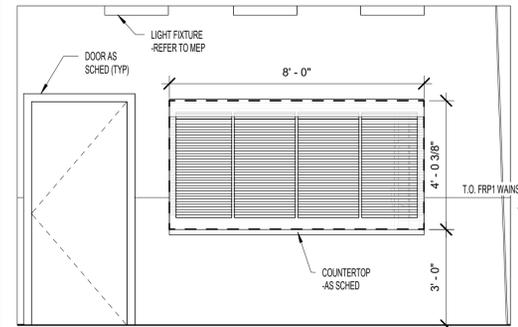
**2 STORAGE - SOUTH ELEVATION**  
SCALE: 3/8" = 1'-0"



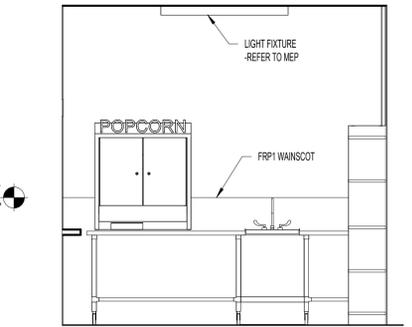
**3 STORAGE - WEST ELEVATION**  
SCALE: 3/8" = 1'-0"



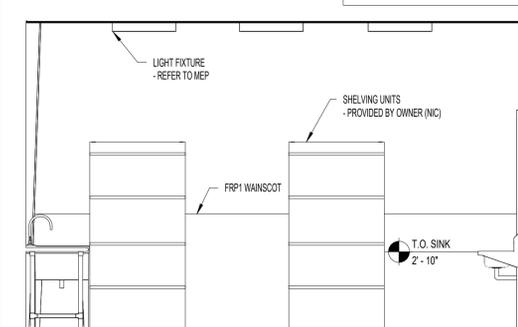
**4 STORAGE - NORTH ELEVATION**  
SCALE: 3/8" = 1'-0"



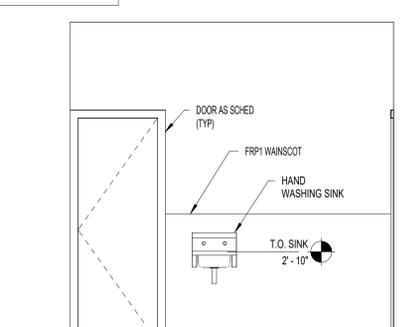
**5 CONCESSION - NORTH ELEVATION**  
SCALE: 3/8" = 1'-0"



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

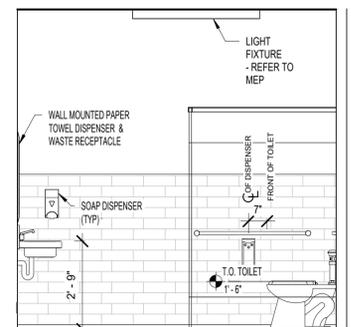


**7 CONCESSION - SOUTH ELEVATION**  
SCALE: 3/8" = 1'-0"

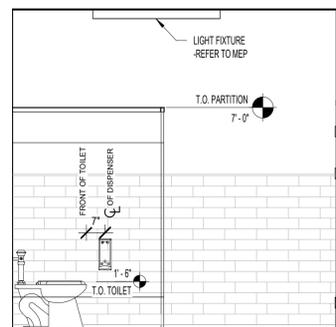


**8 CONCESSION - WEST ELEVATION**  
SCALE: 3/8" = 1'-0"

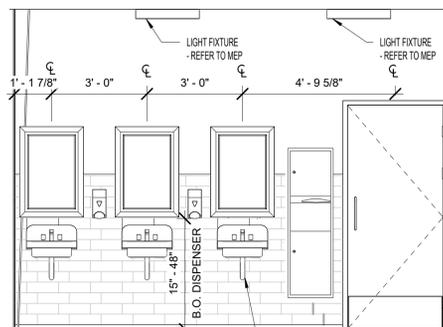
NOTE:  
1. REFER TO FINISH PLAN FOR FRP BASIS OF DESIGN  
2. WRAP ENTIRE PERIMETER OF CONCESSION W/ 4" HIGH FRP WAINSCOT W/ ALL TRIM & ACCESSORIES AT PERIMETER OF PANELS.



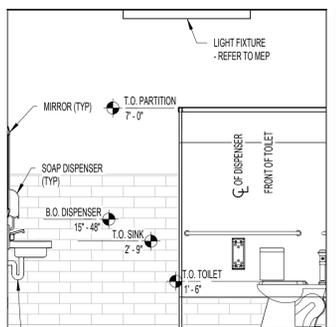
**9 MENS RR - EAST ELEVATION**  
SCALE: 3/8" = 1'-0"



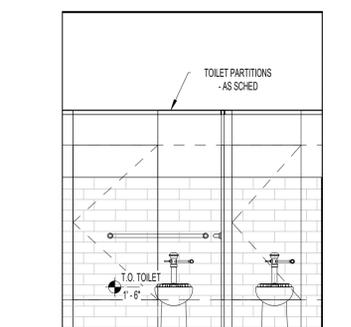
**10 MENS RR - WEST ELEVATION**  
SCALE: 3/8" = 1'-0"



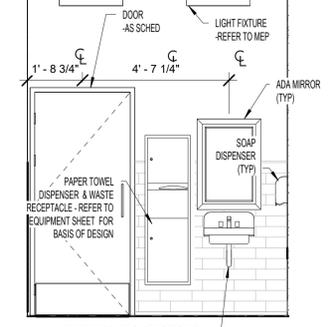
**16 WMNS RR - NORTH ELEVATION**  
SCALE: 3/8" = 1'-0"



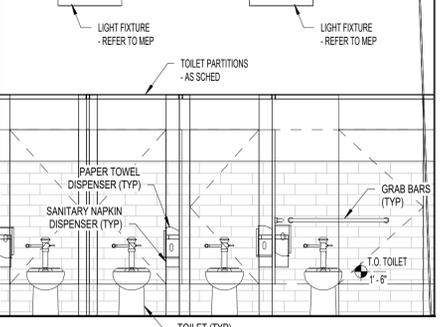
**13 WMNS RR - EAST ELEVATION**  
SCALE: 3/8" = 1'-0"



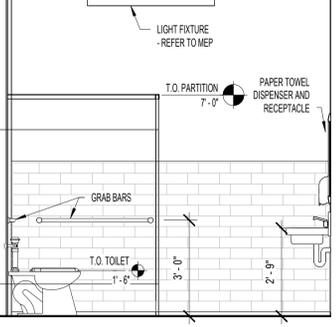
**11 MENS RR - SOUTH ELEVATION**  
SCALE: 3/8" = 1'-0"



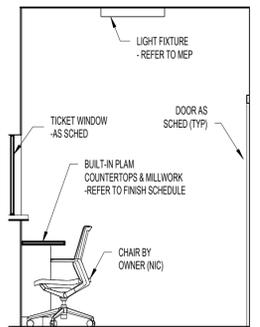
**12 MENS RR - NORTH ELEVATION**  
SCALE: 3/8" = 1'-0"



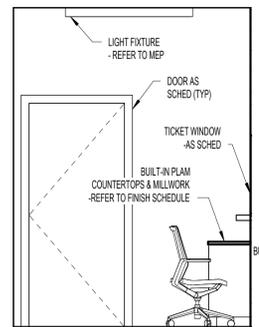
**15 WMNS RR - SOUTH ELEVATION**  
SCALE: 3/8" = 1'-0"



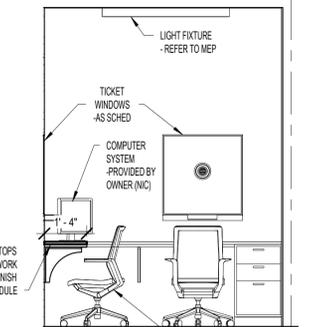
**14 WMNS RR - WEST ELEVATION**  
SCALE: 3/8" = 1'-0"



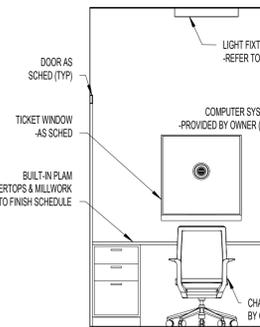
**17 TICKET BOOTH - E ELEV**  
SCALE: 3/8" = 1'-0"



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



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

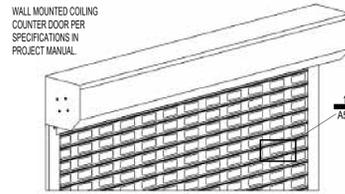
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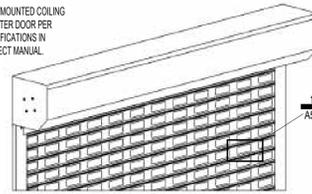
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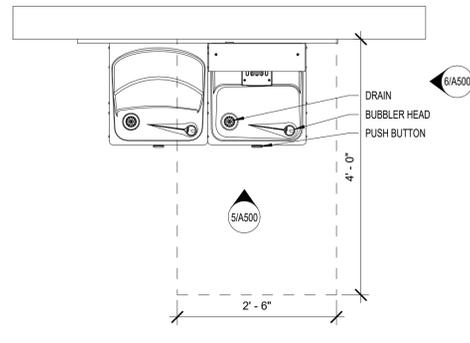
**17 CURTAIN PANEL DTL - COIL DR**  
SCALE: 3" = 1'-0"



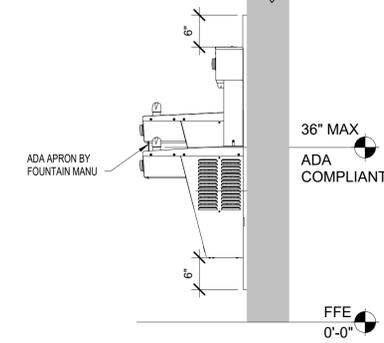
**14 ISOMETRIC CONTROL SIDE - COIL DR**  
SCALE: 3" = 1'-0"



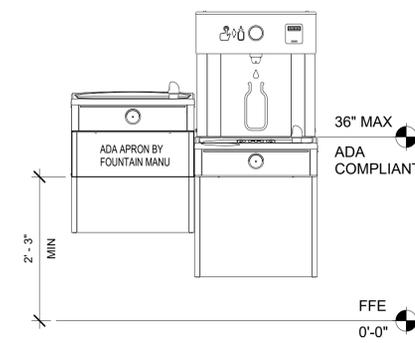
**7 WATER FOUNTAIN - PLAN VIEW**  
SCALE: 3/4" = 1'-0"



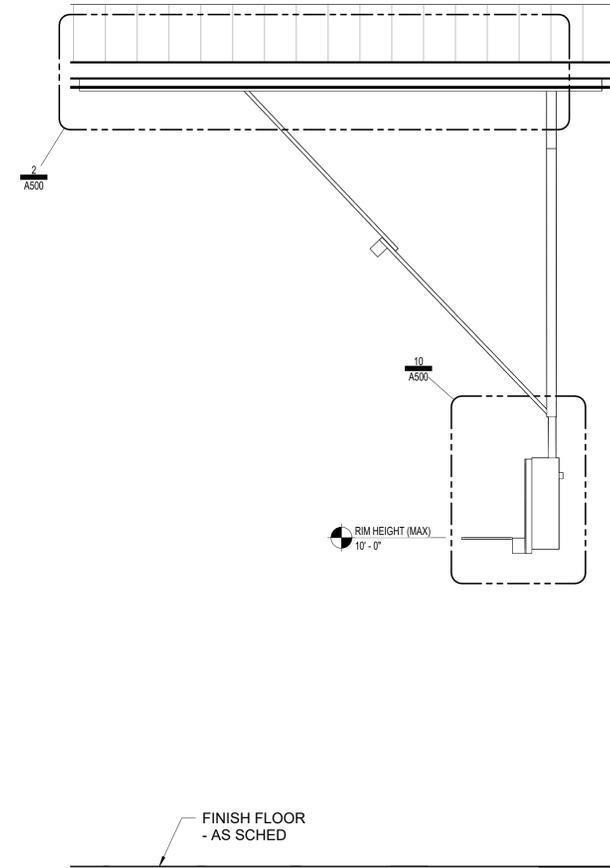
**6 WATER FOUNT - ELEV - SIDE**  
SCALE: 3/4" = 1'-0"



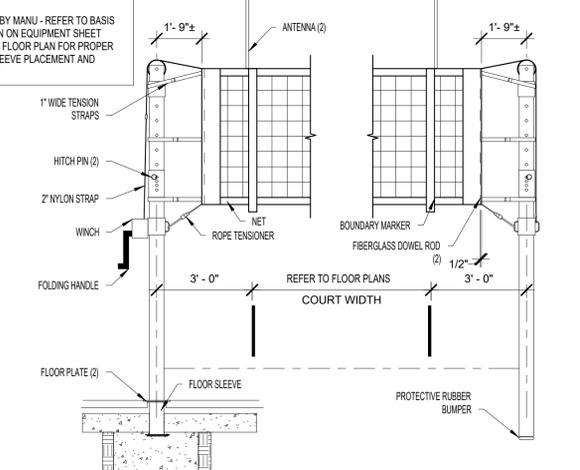
**5 WATER FOUNT - ELEV - FRONT**  
SCALE: 3/4" = 1'-0"



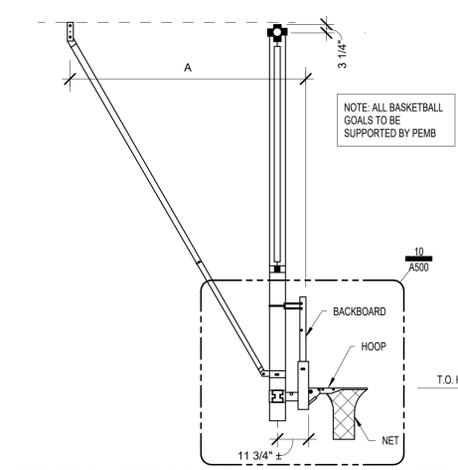
**1 FOLDING BASKETBALL GOAL - ENLARGED DTL**  
SCALE: 3/8" = 1'-0"



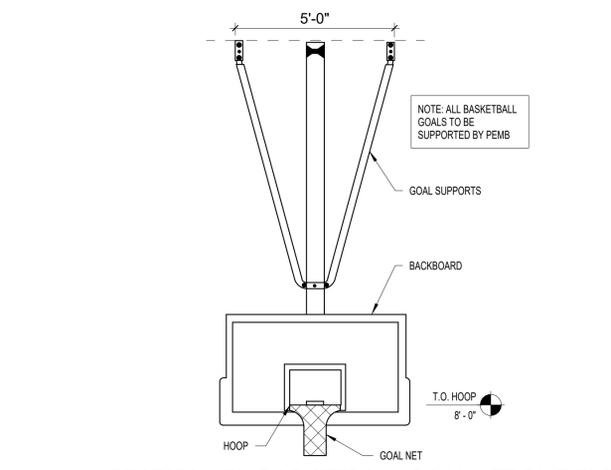
NOTE:  
1. DETAIL IS BY MANU - REFER TO BASIS OF DESIGN ON EQUIPMENT SHEET  
2. REFER TO FLOOR PLAN FOR PROPER FLOOR SLEEVE PLACEMENT AND LOCATION



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

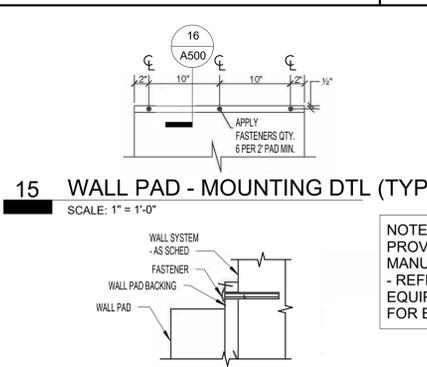


**3 STATIONARY BASKETBALL GOAL - SIDE ELEV DTL**  
SCALE: 3/8" = 1'-0"

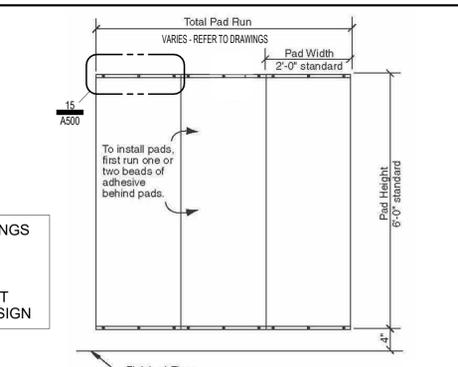
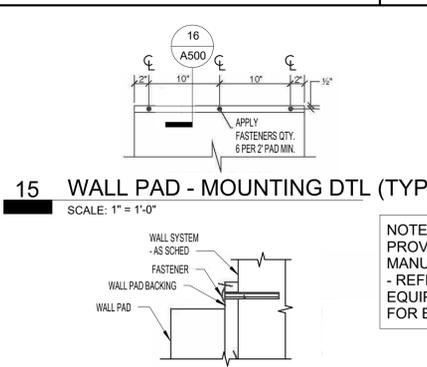


**4 STATIONARY BASKETBALL GOAL - FRONT ELEV DTL**  
SCALE: 3/8" = 1'-0"

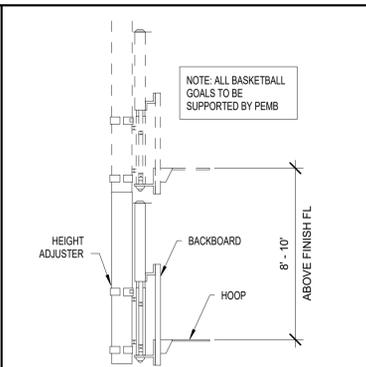
**15 WALL PAD - MOUNTING DTL (TYP)**  
SCALE: 1" = 1'-0"



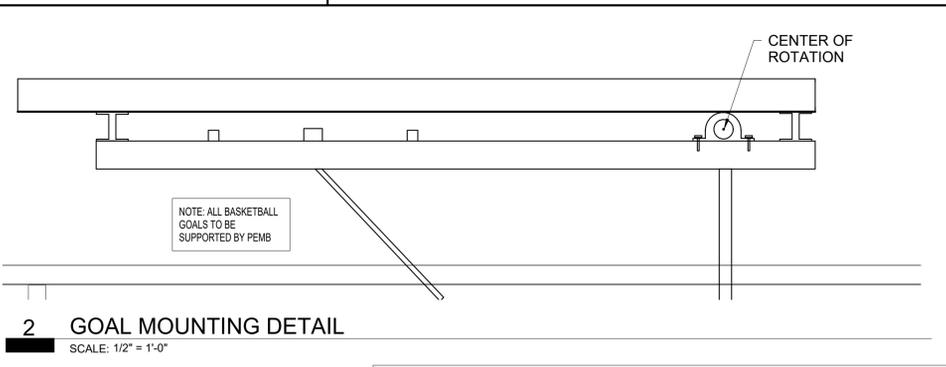
**16 WALL PAD - MOUNTING SECTION DTL**  
SCALE: 1" = 1'-0"



**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"

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

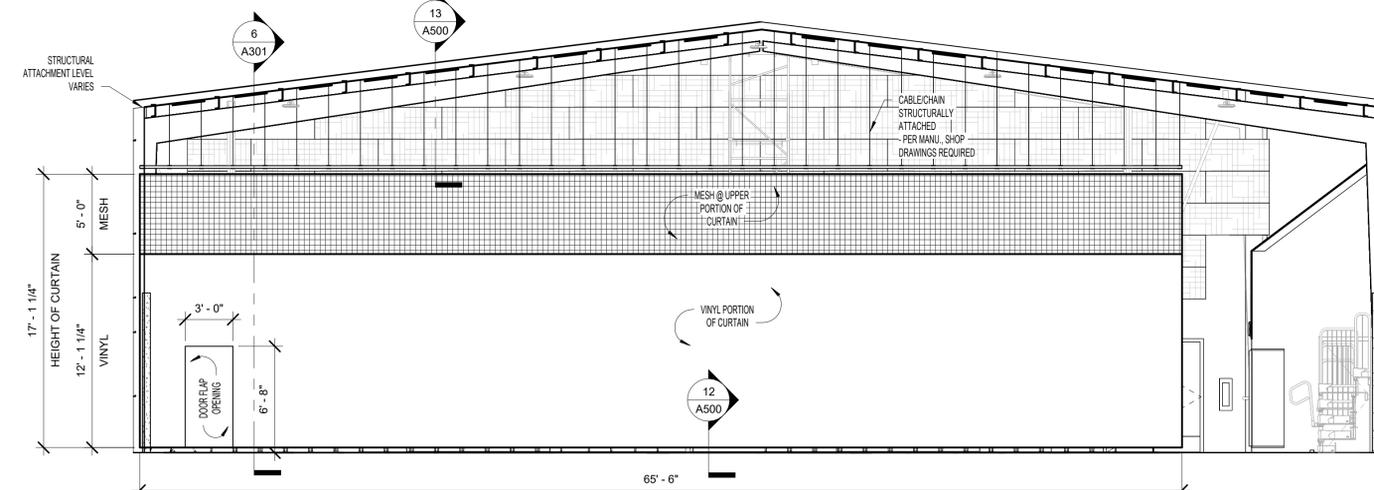
**100% CONSTRUCTION DOCUMENTS**

**DETAILS**

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

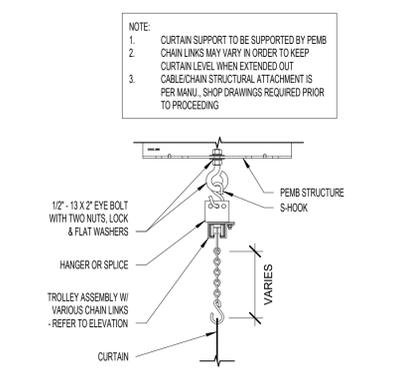
**db ARCHITECTURE OF ACADIANA, LLC**  
TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com  
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION	PROJECT NUMBER:
				<b>20231117</b>
				DATE:
				01/17/2025
				<b>A500</b>

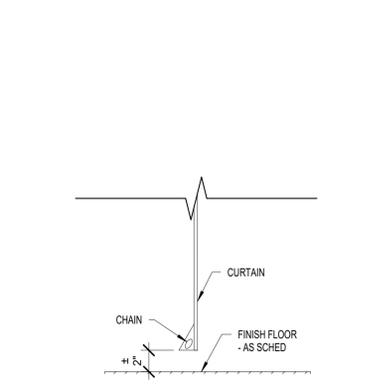


**11 CURTAIN ELEVATION**  
SCALE: 3/16" = 1'-0"

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



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



DATE: 02/02/2025 11:28:11 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** (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" w X 12" d X 86" h

**S3**  
ULINE (H-6148)  
STAINLESS STEEL WIRE SHELVING  
36" w X 18" d X 86" 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)



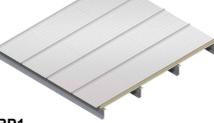
**L7**  
LITHONIA (WIRE GUARD: ELA WG1/ EXIT SIGN: -)  
EXIT SIGN W/ WIRE GUARD

**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: TAUPSTONE (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)

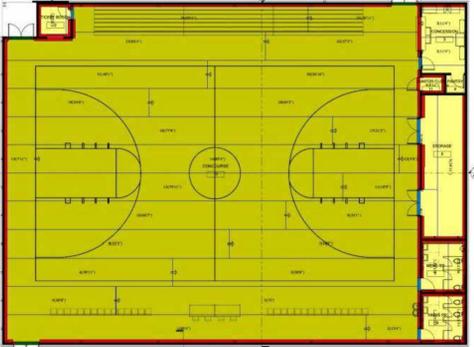


**TR2**  
BOBRICK (B-3940)  
RECESSED CONVERTIBLE PAPER TOWEL DISPENSER & WASTE RECEPTACLE  
FINISH: SATIN STAINLESS STEEL

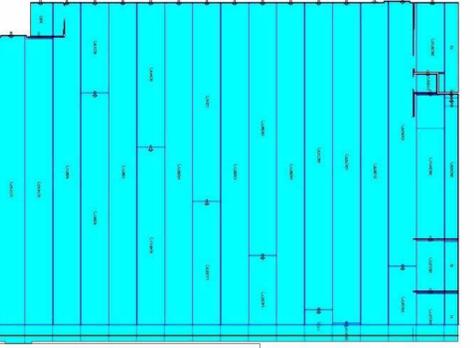
**WATER FOUNTAIN**  
(BASIS OF DESIGN)



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



Tarkett Omnispport 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
<b>Base 1 Only</b>					
1					3157"
2					287"
3					104"
4					172"
5					656"
6					4111"
7					520'3"
area count=7	0.00sf	0.00sf			
<b>Tarkett Omnispport Compact - 2.0mm : width 6'7" : cutTo6.00" : seam 96'3"</b>					
1	59.96sf	57.78sf	-3.76%	31'	[ 6'7" ] x [ 170'7" ] gross
2	188.46sf	148.17sf	-21.99%	64'10"	
3	25.87sf	45.10sf	42.64%	20'9"	
4	353.25sf	496.38sf	28.84%	89'11"	
5	127.24sf	172.15sf	26.09%	45'3"	
6	121.59sf	199.55sf	39.07%	44'2"	
7	121.59sf	199.55sf	39.07%	44'2"	
area count=6	876.36sf	1119.14sf	21.69%	295'9"	
<b>Tarkett Omnispport Multi-Use 6.2mm : width 6'7" : cutTo6.00" : seam 1146'4"</b>					
1	7596.52sf	8423.38sf	9.82%	3578"	[ 6'7" ] x [ 1279'6" ] gross
area count=1	7596.52sf	8423.38sf	9.82%	3578"	
<b>Tarkett Tarkolay : width 6'7" : cutTo6.00" : seam 1350'6"</b>					
1	8479.30sf	9682.56sf	12.43%	5357"	[ 6'7" ] x [ 1476'6" ] gross
area count=1	8479.30sf	9682.56sf	12.43%	5357"	
<b>Transition 1</b>					
1	0.00sf	0.00sf			18'1"
area count=1	0.00sf	0.00sf			18'1"
<b>Transition 2</b>					
1	0.00sf	0.00sf			24'1"
area count=1	0.00sf	0.00sf			24'1"
Plan Total	16952.18sf			1188'11"	

**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

**WALL PADDING**  
(BASIS OF DESIGN)



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

**ATTIC LADDER**  
(BASIS OF DESIGN)



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

**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)

**GRAPHIC WALL PADDING**  
(BASIS OF DESIGN)



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

**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 GREYBOUS  
**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

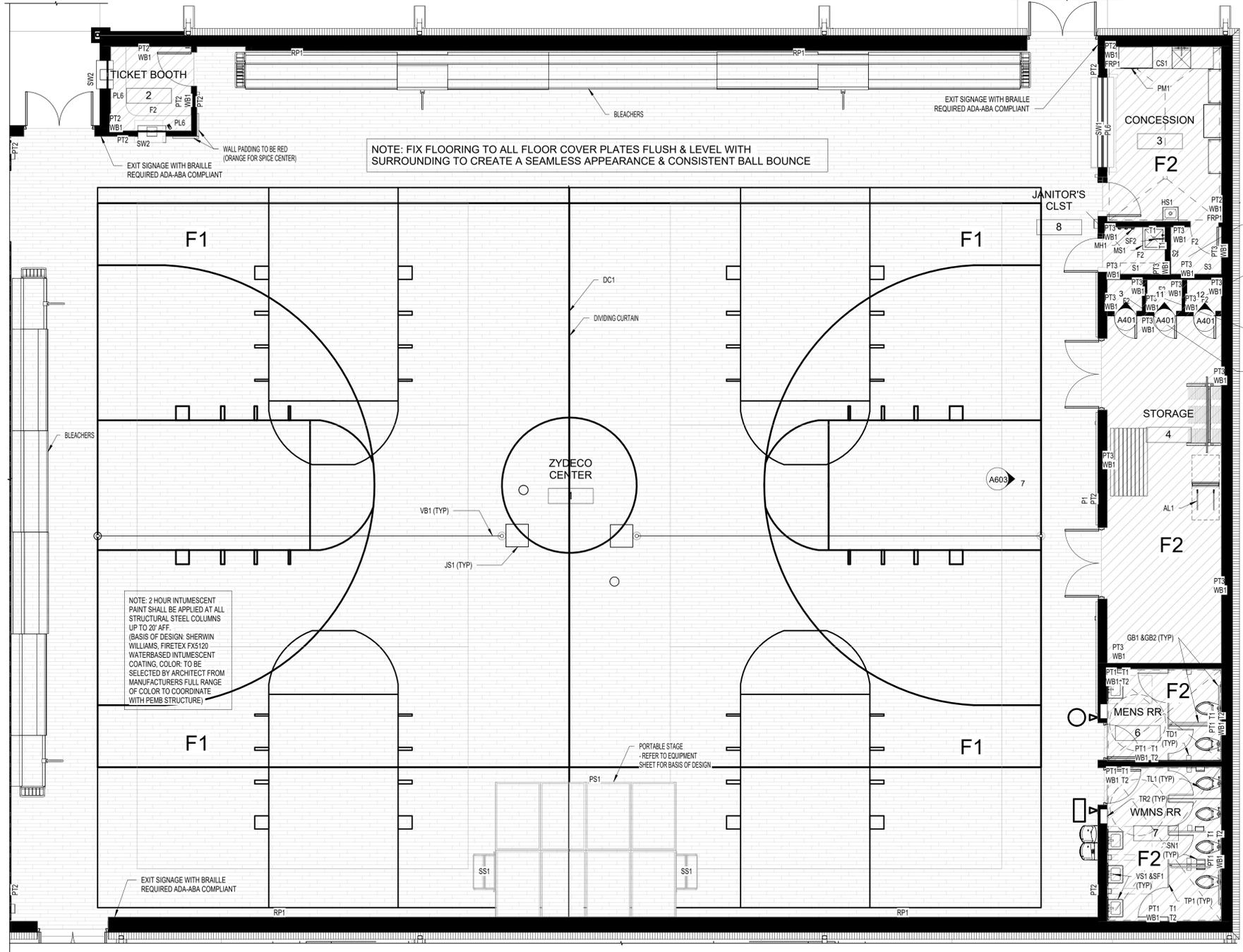
PROJECT NUMBER:  
**20231117**

DATE:  
01/17/2025

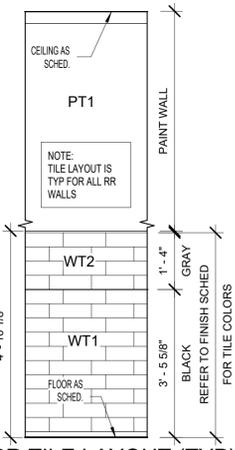
**A600**

**COMMUNITY CENTER INTERIOR FINISH SCHEDULE**  
(BASIS OF DESIGN)

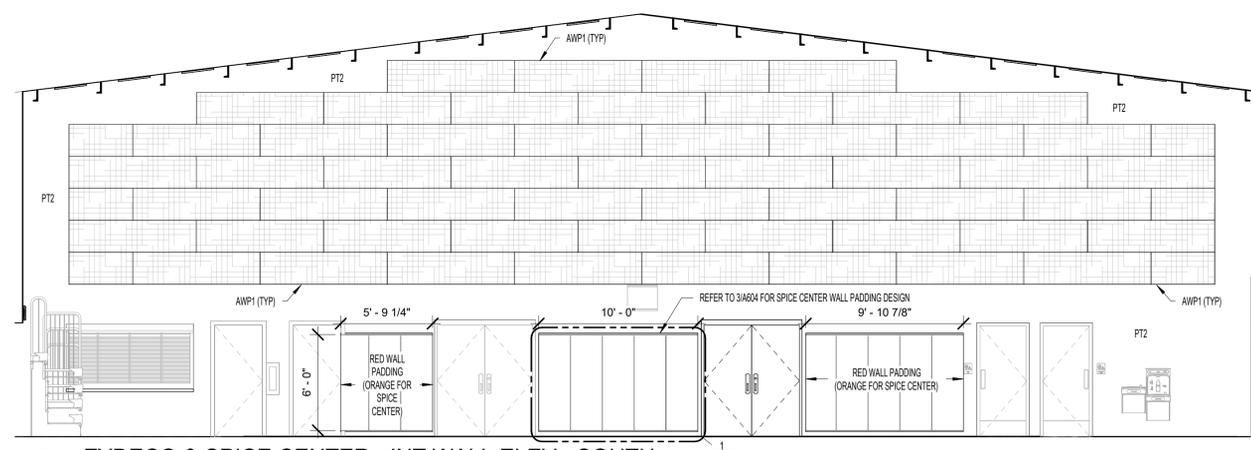
REF NUMBER	ITEM	DESCRIPTION	MANUFACTURER	ORIENTATION N, S, E, W	MODEL NUMBER	NOTE
<b>ZYDECO AND SPICE COURTS</b>						
MP2	INSULATED MTL WALL PANEL	INTERIOR FACE OF INSULATED MTL WALL PANEL	KINGSPAN		437C1254	INTERIOR TO BE 24 GAUGE, COLOR: TAPESTONE
RP2	INSULATED MTL ROOF PANEL	INTERIOR FACE OF INSULATED 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: 983 BLACK
BH1	BLEACHER HANDRAILS	ADA COMPLIANT STEEL HANDRAILS	HUSSEY			COLOR: STANDARD BLACK
BD1	BLEACHER DECKING	YELLOW PINE DECKING	HUSSEY			COLOR: CLASSIC WOOD OAK
<b>TICKET BOOTH</b>						
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	CASHER SECURITY WINDOW UNIT	CRL		SCW103N	FINISH: SATIN ANODIZED
<b>CONCESSION</b>						
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	FIBERITE WALL PANELING	NUDO		LP-F9	TEXTURED, 4"X8", COLOR: WHITE (151)
CS2	HAND SINK	WALL MOUNT COMMERCIAL SINK W/ FAUCET	KATOM		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		CVTR5-9630	96"X30"X45", FINISH: STAINLESS STEEL
SW1	SHUTTER DOOR	ROLL-UP COUNTER DOOR - GRILLE	PAYDON			
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
<b>OFFICES &amp; HALL</b>						
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			
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-0665-85TP	
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
<b>PANTRY</b>						
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
<b>STORAGE</b>						
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
<b>RESTROOMS</b>						
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
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			COLOR: #22 MIDNIGHT BLACK
UP1	TOILET PARTITIONS	HIGH-DENSITY POLYETHYLENE PARTITIONS	SCANTON		SPECTRA LOCK PRO PREMIUM HINNY 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 CENTER SET	ZURN		26915-XL	AQUASENSE, FINISH: POLISHED CHROME
GB1	GRAB BAR	36" STRAIGHT GRAB BARS	BOBBICK		B-5806	1 1/4" DIAMETER, FINISH: SATIN
GB2	GRAB BAR	42" STRAIGHT GRAB BARS	BOBBICK		B-5806	1 1/4" DIAMETER, FINISH: SATIN
SD1	SOAP DISPENSER	PUSH FOAMING DISPENSER 1,000 ML	ULINE		H-3905RL	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"	BOBBICK		B-1465	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	BOBBICK		B-3949	FINISH: STAINLESS STEEL
<b>A/V CLOSETS (TYP)</b>						
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"



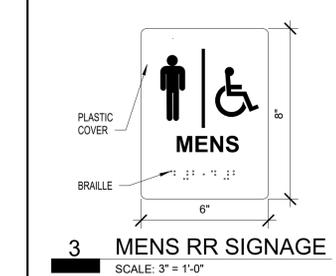
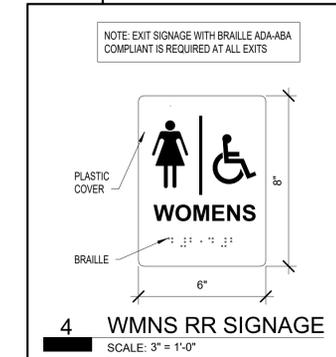
**8 JAN & RR TILE LAYOUT (TYP)**  
SCALE: 1/2" = 1'-0"



**7 ZYDECO & SPICE CENTER - INT WALL ELEV - SOUTH**  
SCALE: 3/16" = 1'-0"

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

SIGNAGE KEY	
TYPE A - WALL MOUNTED MENS RESTROOM IDENTIFICATION	TYPE B - WALL MOUNTED WOMENS RESTROOM IDENTIFICATION
COMPLY WITH ADA REQUIREMENTS	
NOTE: RESTROOM SIGNAGE IS FLIPPED/MIRRORED FOR SPICE CENTER	



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 (488) 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.

**100% CONSTRUCTION DOCUMENTS**  
**FINISH SCHED & PLAN - ZYDECO & SPICE CENTERS**

CITY OF GREYBOUS  
**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

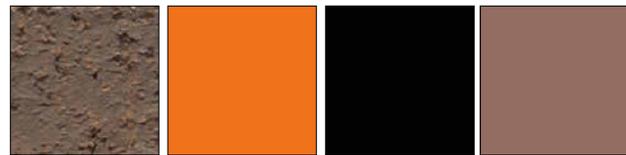
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				<b>20231117</b>
				DATE:
				01/17/2025
				<b>A603</b>

DATE: 01/02/2025 2:26 PM COPYRIGHT © ARCHITECTURE 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

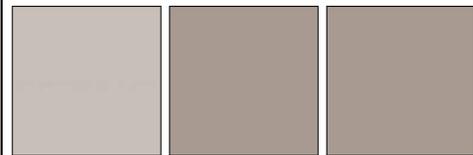
**EP1** BENJAMIN MOORE  
ELECTRIC ORANGE  
2015-10

**MT1** BLACK METAL  
GUTTERS &  
DOWNSPOUTS:  
SENOX  
(TRADITIONAL BLACK)

**MR1** HOLCIM (-)  
RAINBOW  
MORTAMIX  
COLOR: CORAL

**WALL PAINT**

(BASIS OF DESIGN)



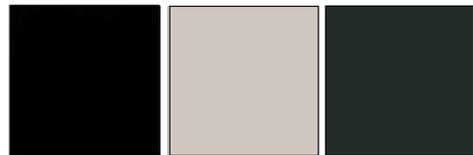
**PT1** BENJAMIN MOORE  
1550  
CUMULUS CLOUD

**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** LATITRETE  
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)



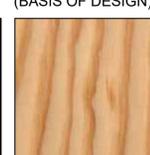
**BC1** HUSSEY  
COURTSIDE XC10  
COLOR: SAND 452

**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)

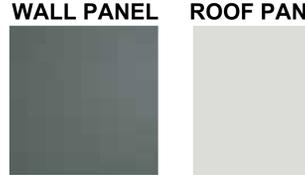


**MPC2** KINGSPAN  
INTERIOR FACE OF  
MTL WALL PANEL  
COLOR: TAPESTONE  
(437C1254)

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

**EXTERIOR METAL PANEL - FACE COLORS**

(BASIS OF DESIGN)



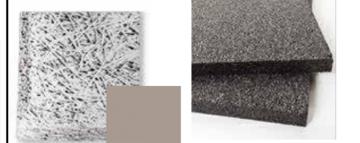
**MPC1** KINGSPAN  
EXTERIOR FACE OF  
MTL WALL PANEL  
COLOR: WEATHERED  
ZINC - MICA  
(439RZ1563M)

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

**ACOUSTICAL PANELS**

(BASIS OF DESIGN)

**WALL PANEL CEILING 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)

**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)

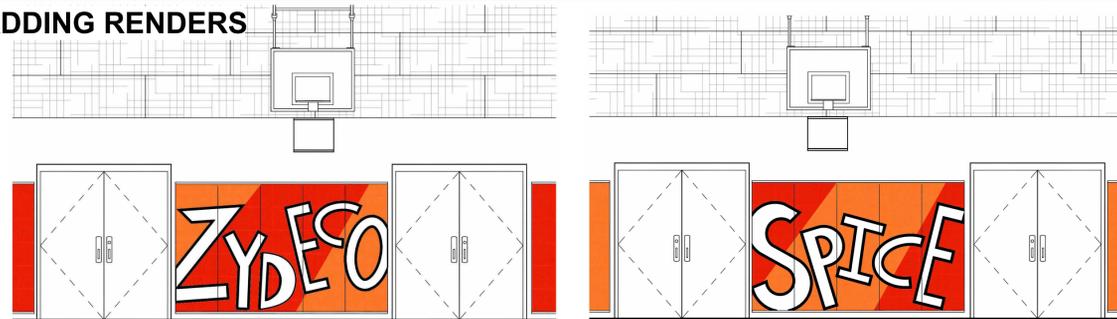


**L5** ALCON LIGHTING  
(31029)  
8' LENGTH  
EXTERIOR FINISH: BLACK

**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)



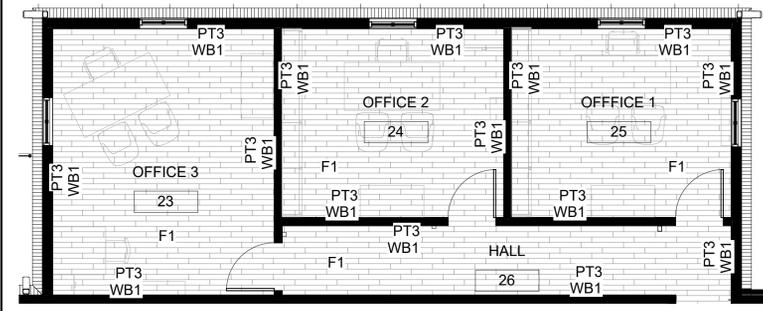
**RP1** PLAYCON  
FIBERESIN GYM WALL  
PANEL 13/16" THICK x  
48" x 96"

**CEILING**

(BASIS OF DESIGN)

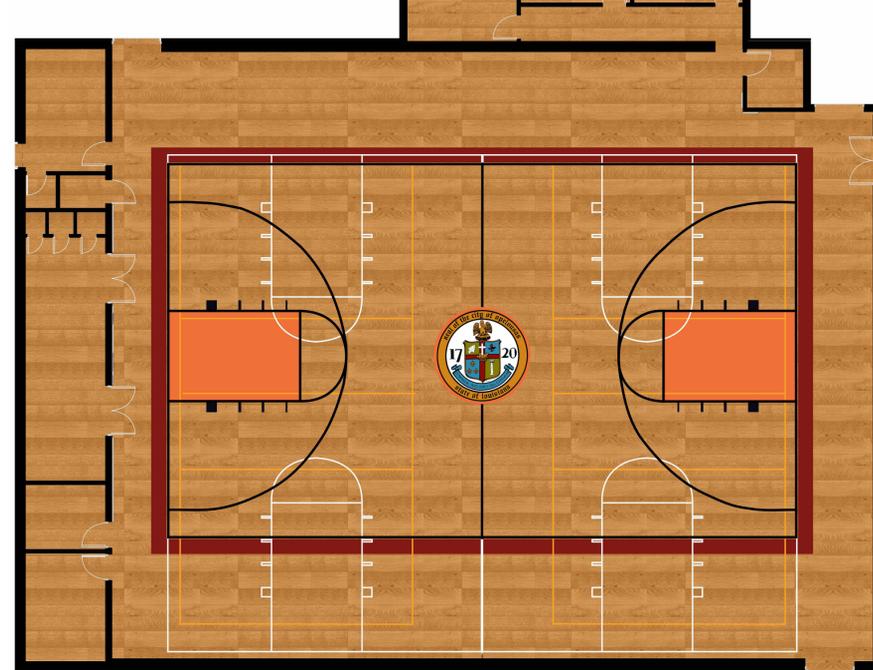


**CT1** ARMSTRONG (2906  
SHASTA)  
PERFORATED  
FIBERGLASS ACT  
24"X48"  
NRCO.70



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

**FULL COURT RENDERS**

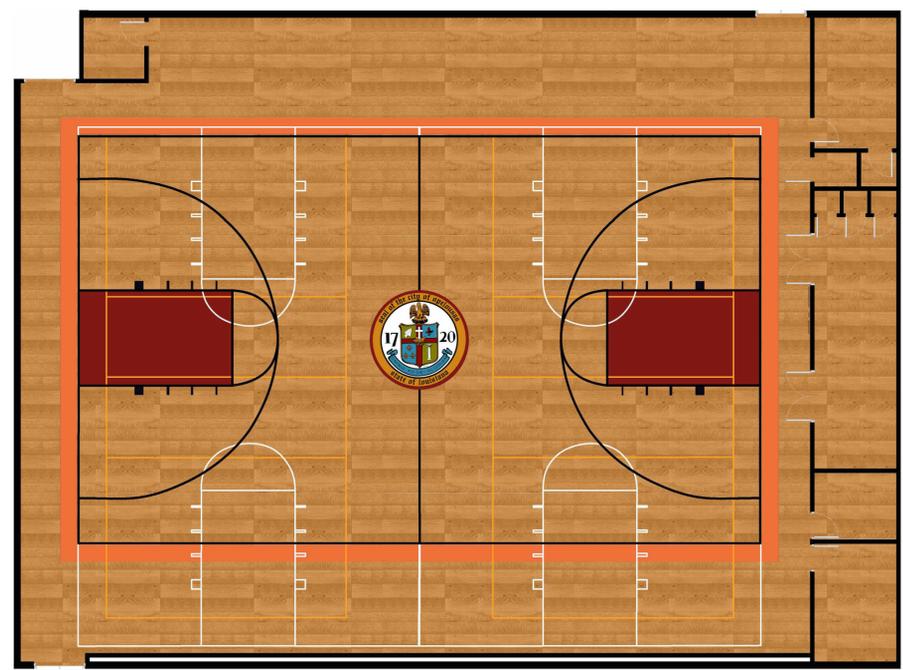


RENDERED COURT FLOOR - SPICE CENTER  
SCALE: 1" = 10'-0"

**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

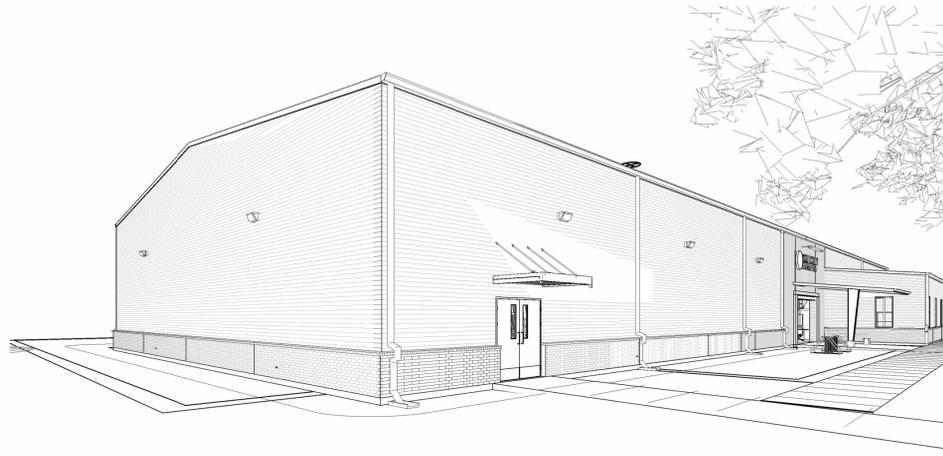
**db ARCHITECTURE OF ACADIANA, LLC**

TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com  
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				<b>20231117</b>
				DATE:
				01/17/2025
				<b>A604</b>



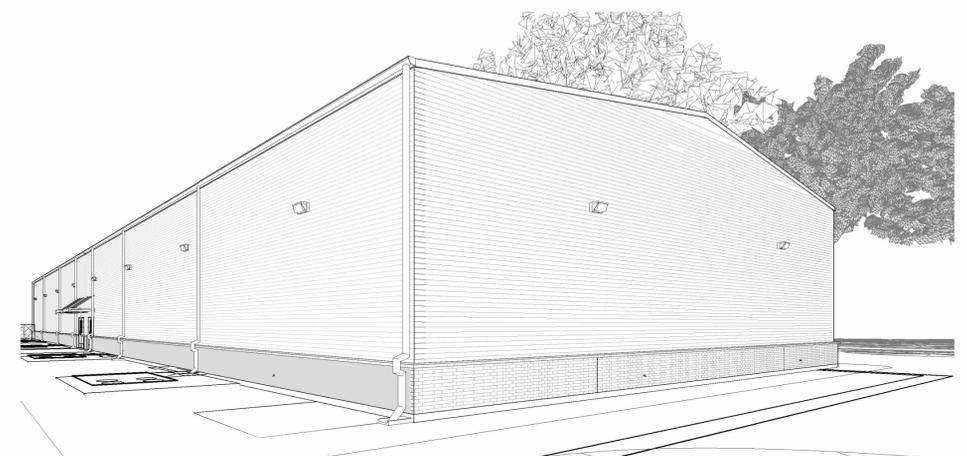
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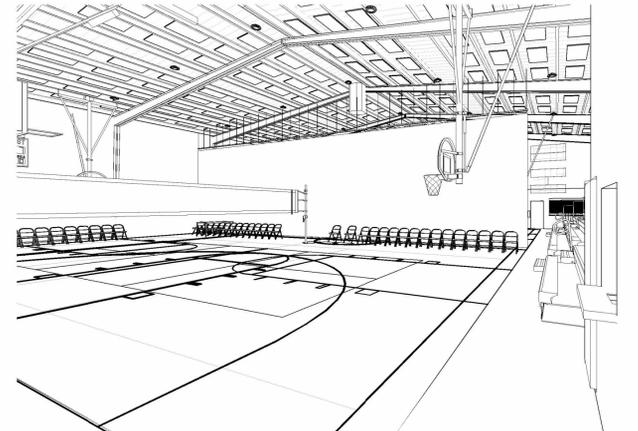
2 REAR - LOOKING TOWARDS NORTH  
SCALE: NTS



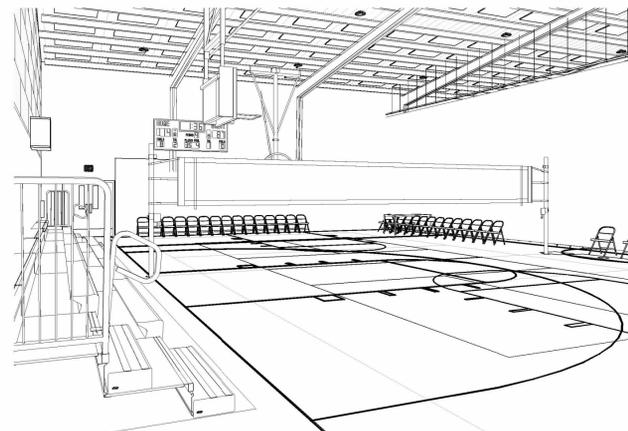
1 ENTRY - LOOKING TOWARD SOUTH EAST  
SCALE: NTS



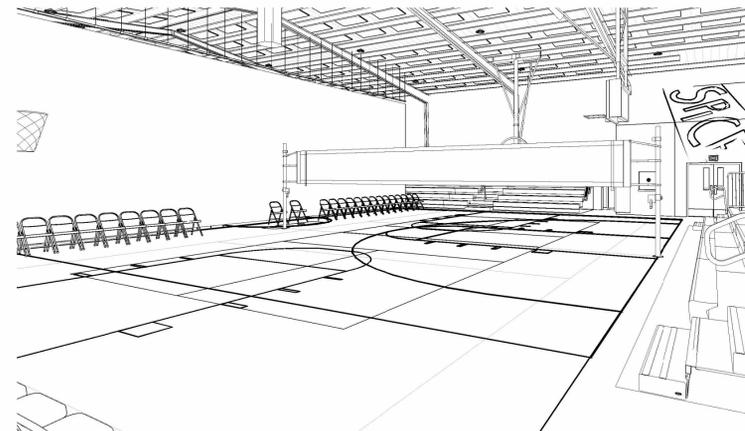
4 REAR - LOOKING TOWARD NORTH WEST  
SCALE: NTS



3 FROM MAIN ENTRY - TOWARD BLEACHER  
SCALE: NTS



5 FROM MAIN ENTRY - TOWARD SCOREBOARD  
SCALE: NTS



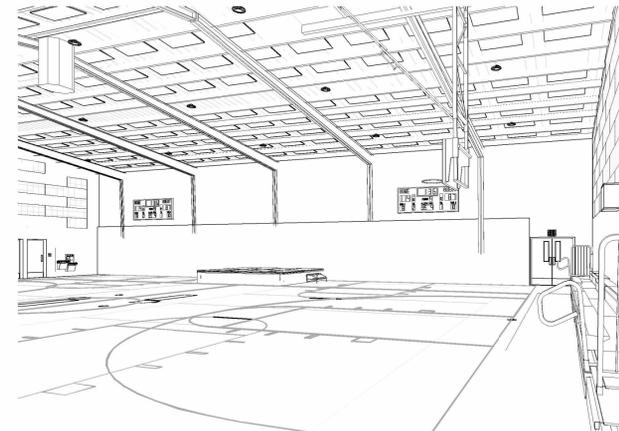
6 FROM REAR ENTRY - TOWARD MAIN ENTRY  
SCALE:



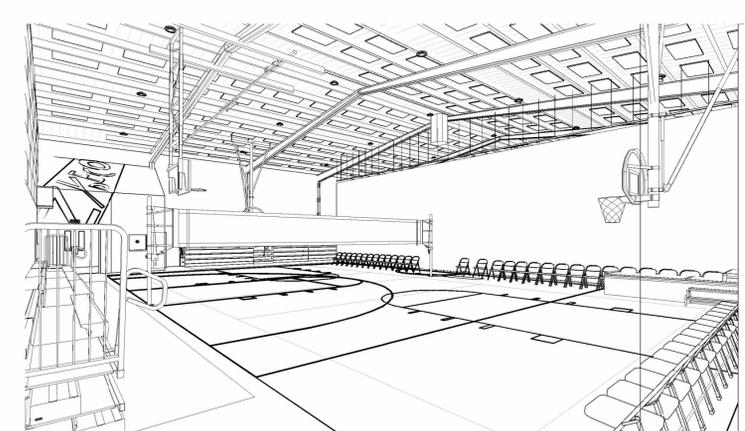
10 FROM MAIN ENTRY - TOWARD FULL COURT  
SCALE:



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

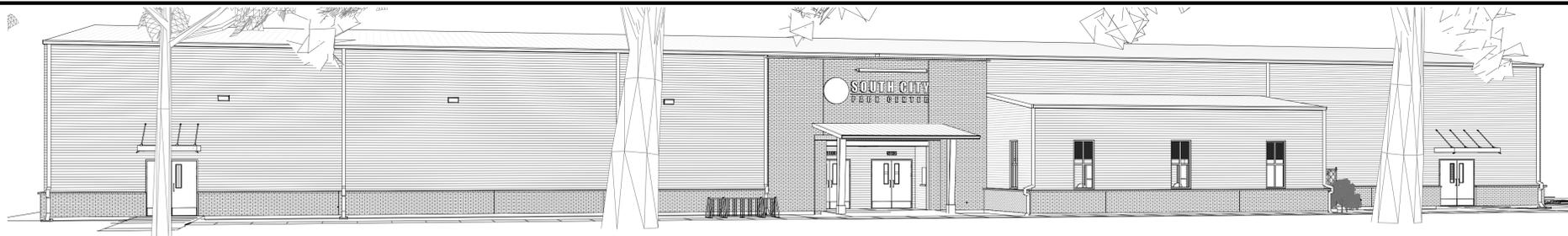
(TBD) S Market St. Opelousas, LA 70570 St. Landry Parish  
PROJECT ID: 20231117

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OF ACADIANA, LLC

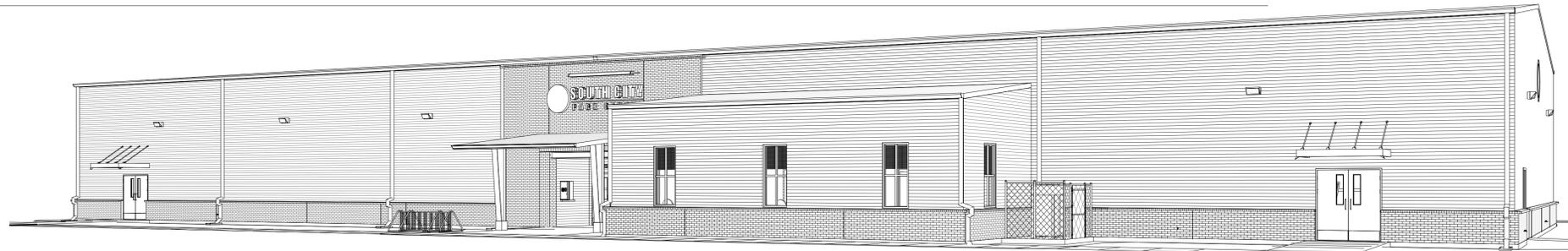
TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com  
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

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				DATE:
				01/17/2025
				<b>A700</b>





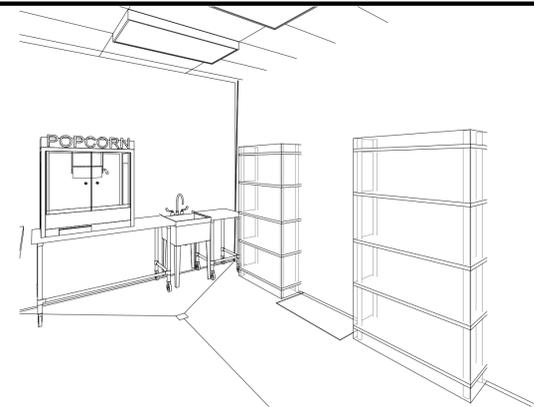
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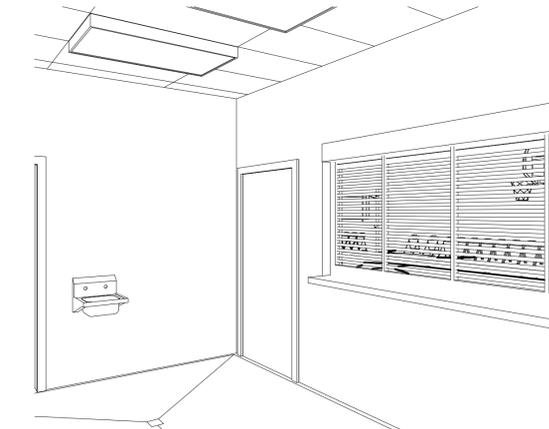
8 BLVD - LOOKING SOUTH WEST  
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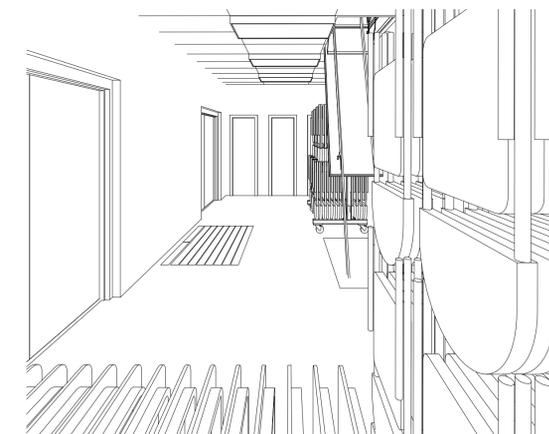
6 MAIN ENTRY - LOOKING NORTH WEST  
SCALE:



3 CONCESSION-PERSPECTIVE 1  
SCALE:



4 CONCESSION-PERSPECTIVE 2  
SCALE:



5 STORAGE-PERSPECTIVE 2  
SCALE:



7 TICKET BOOTH - PERSPECTIVE VIEW  
SCALE:

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

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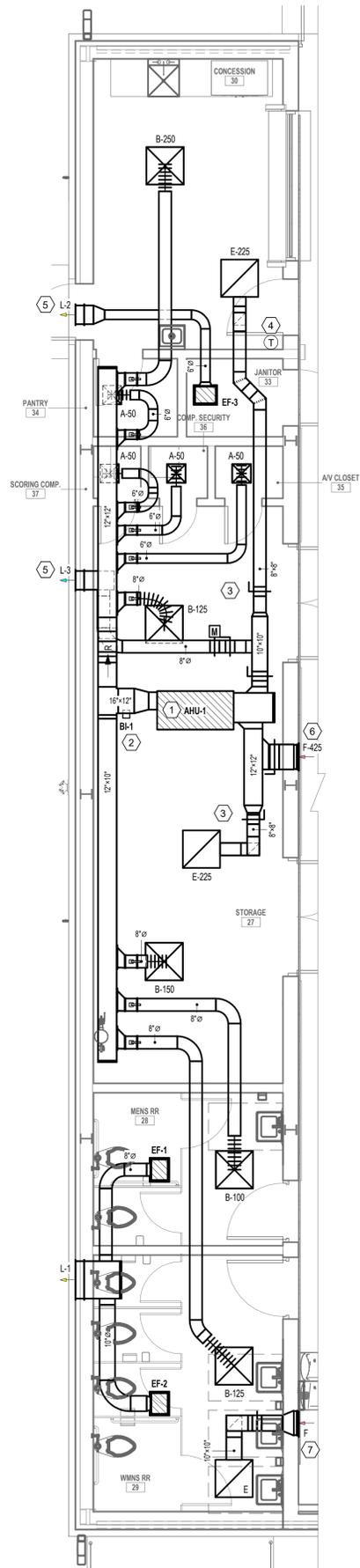
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				20231117
				DATE:
				01/17/2025
				<b>A701</b>

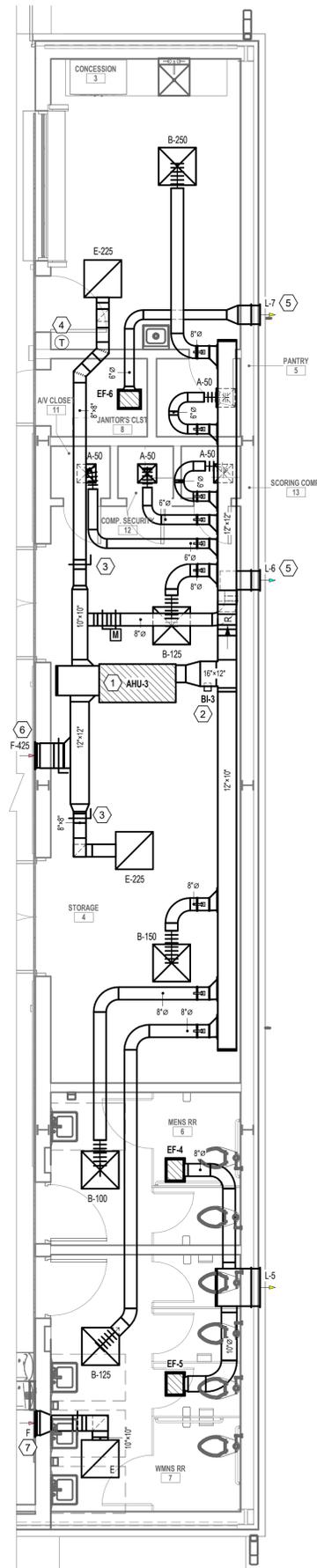




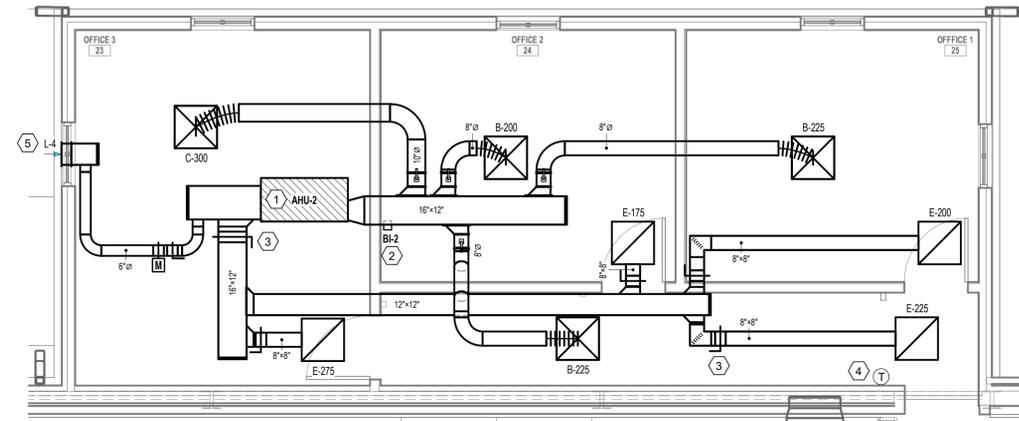




**1 MECHANICAL PLAN - ENL - SPICE CENTER BOH**  
1/4" = 1'-0"



**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 PAN 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 (120/160). 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 (12"x12") 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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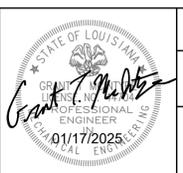
**100% CONSTRUCTION DOCUMENTS**  
**MECHANICAL PLANS - ENLARGED**

CITY OF OPELOUSAS  
**SOUTH CITY PARK CENTER**  
South City Park, 1524 Market St. Opelousas, LA 70570 St. Landry Parish  
PROJECT ID: 20231117

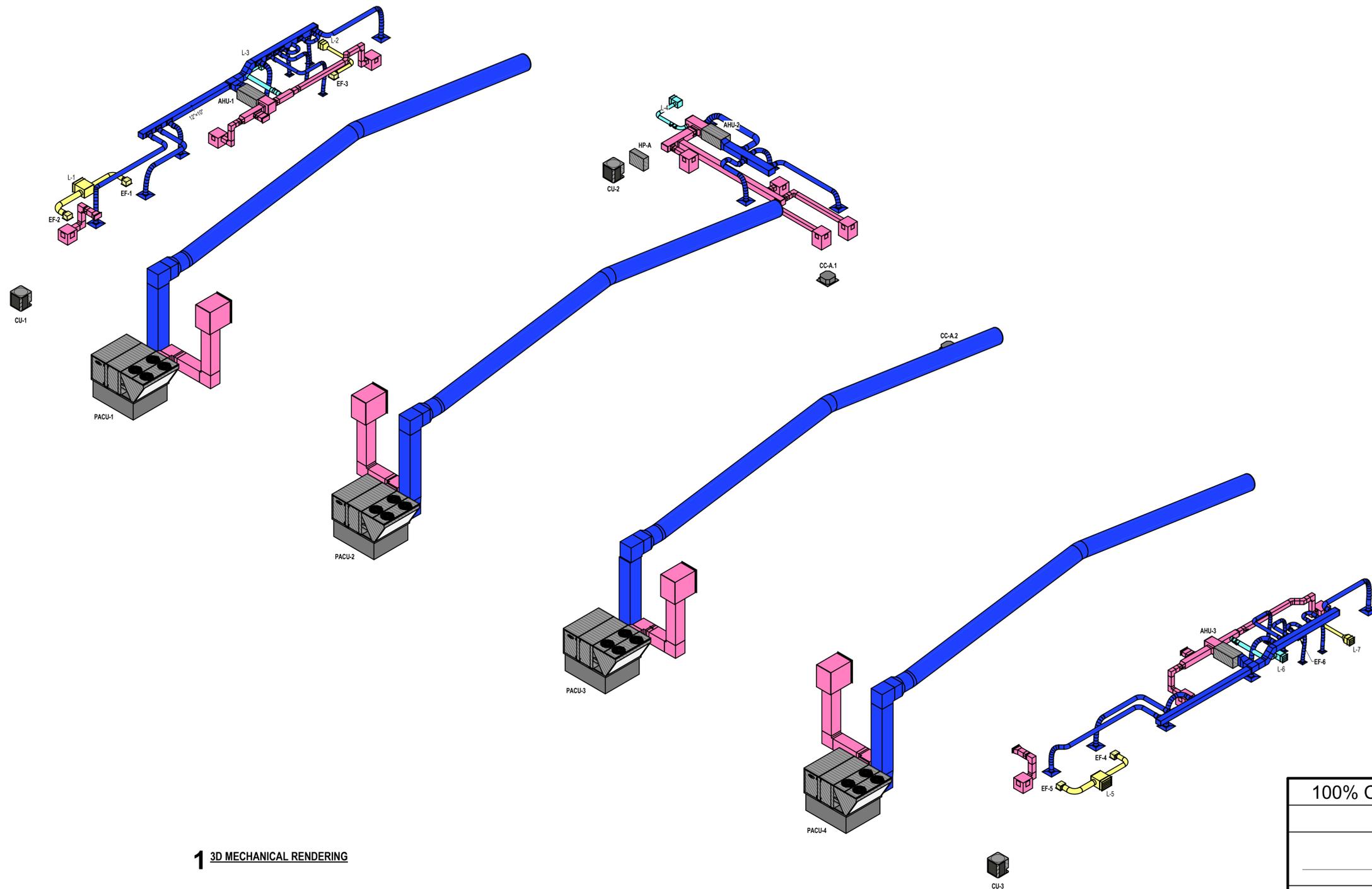


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PROJECT NUMBER:  
**20231117**  
DATE:  
01/17/2025  
**M101**



1 3D MECHANICAL RENDERING

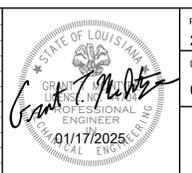
100% CONSTRUCTION DOCUMENTS  
MECHANICAL RENDERING

CITY OF OPELOUSAS  
**SOUTH CITY PARK CENTER**  
South City Park, 1524 Market St. Opelousas, LA 70570 St. Landry Parish  
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**db** ARCHITECTURE  
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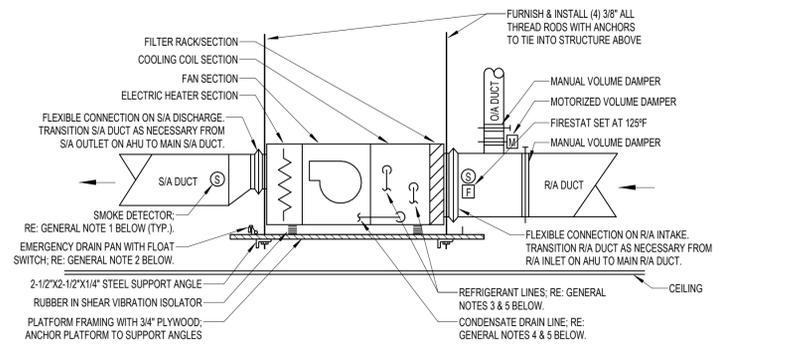
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PROJECT NUMBER:  
**20231117**  
DATE:  
01/17/2025  
**M200**

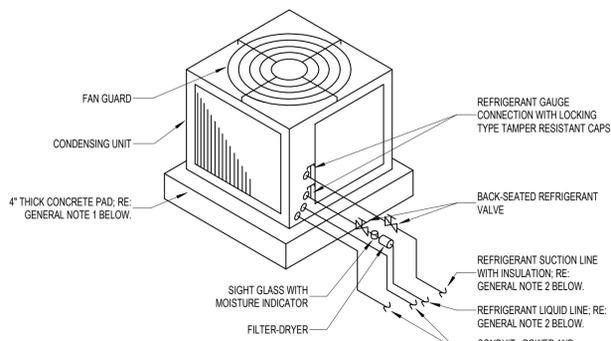


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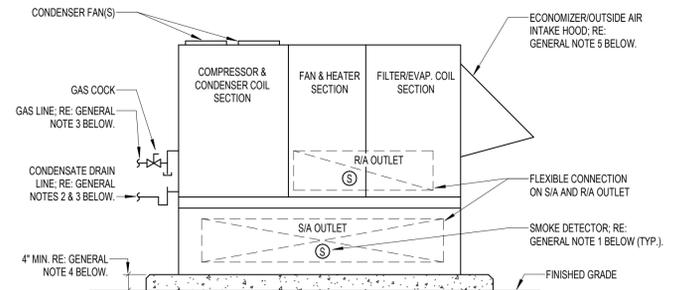
- GENERAL NOTES:**
- ALL UNITS 2000 CFM AND ABOVE: FURNISH AND INSTALL DUCT MOUNTED SMOKE DETECTORS IN THE MAIN RETURN AND SUPPLY AIR DUCTS UPSTREAM OF ANY FILTERS, DUCT CONNECTIONS, ETC. PROVIDE LOCAL AUDIO/VISUAL ALARM IN VISIBLE AREA ON NEARBY WALL.
  - EMERGENCY DRAIN PAN TO BE CONSTRUCTED OUT OF 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.
  - ALL REFRIGERANT LINES SHALL BE SIZED IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. REFRIGERANT LINES 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.
  - 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 RM. COORDINATE NEAREST HUB DRAIN LOCATION WITH PLUMBING PLAN.
  - 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.



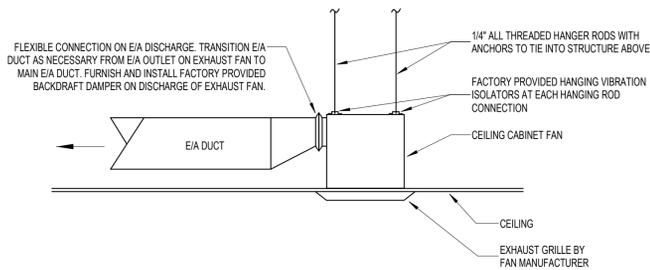
- GENERAL NOTES:**
- CONDENSING UNIT SHALL BE MOUNTED ON 4" THICK CONCRETE PAD TO EXTEND A MINIMUM OF 6" ALL AROUND UNIT. CONDENSING UNITS SHALL BE LOCATED WITH A MINIMUM OF 3'-0" CLEARANCE BETWEEN UNITS.
  - ALL REFRIGERANT LINES SHALL BE SIZED IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. REFRIGERANT LINES 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.



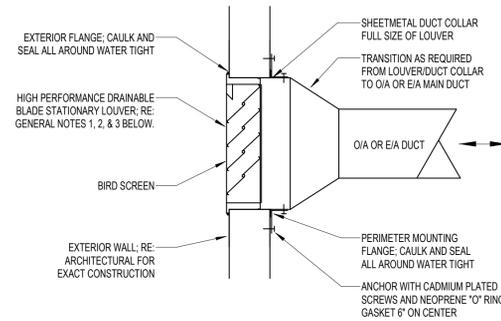
- GENERAL NOTES:**
- ALL UNITS 2000 CFM AND ABOVE: FURNISH AND INSTALL DUCT MOUNTED SMOKE DETECTORS IN THE MAIN RETURN AND SUPPLY AIR DUCTS UPSTREAM OF ANY FILTERS, DUCT CONNECTIONS, ETC. PROVIDE LOCAL AUDIO/VISUAL ALARM IN VISIBLE AREA ON NEARBY WALL.
  - CONDENSATE DRAIN LINE SHALL BE INSTALLED WITH "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.
  - 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.
  - 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.
  - 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 ENTHALPHY CONTROL. HIGH LIMIT SHUTOFF TO BE SET SUCH THAT WHEN THE OUTDOOR AIR ENTHALPHY EXCEEDS THE RETURN AIR ENTHALPHY, THE ECONOMIZER WILL BE OFF. WHEN ECONOMIZER IS SET TO OFF, THE DAMPER SHALL MODULATE DOWN TO THE SET DESIGN MINIMUM OUTDOOR AIR QUANTITY.
  - 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.



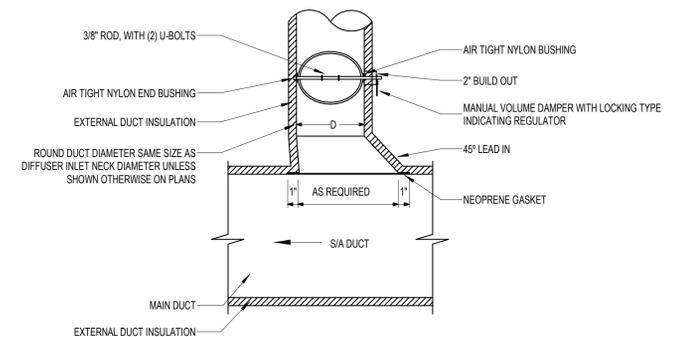
- GENERAL NOTES:**
- CEILING CABINET FAN SHALL BE FACTORY PROVIDED WITH AN INSULATED FAN HOUSING.
  - PROVIDE SUPPORT ON EXHAUST DUCT AS PER SMACNA STANDARDS AND WITH A MINIMUM OF (2) SUPPORTS ON DUCTS OVER 6'-0" IN LENGTH AND (1) SUPPORT ON DUCTS UNDER 6'-0" IN LENGTH.
  - REFER TO MECHANICAL FLOOR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

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



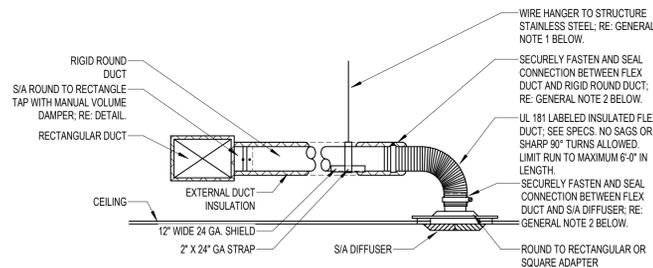
- GENERAL NOTES:**
- LOUVER SHALL BE HIGH PERFORMANCE WITH STATIONARY, DRAINABLE BLADES, 4" DEEP FRAME, AND SHALL BE CONSTRUCTED OF EXTRUDED ALUMINUM. LOUVER SHALL BE FURNISHED AND INSTALLED WITH A FRAMED, REMOVABLE BIRD SCREEN MOUNTED ON REAR OF LOUVER. REFER TO PLANS FOR LOUVER SIZE(S). COORDINATE EXACT MOUNTING HEIGHT OF LOUVER WITH ARCHITECT, UNLESS OTHERWISE NOTED ON PLANS.
  - REFER TO MANUFACTURER'S INSTALLATION GUIDE AND RECOMMENDATIONS FOR EXACT MOUNTING REQUIREMENTS OF LOUVER IN EXTERIOR WALL.
  - 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**  
N.T.S.



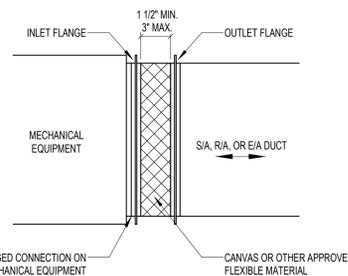
- GENERAL NOTES:**
- SIA TAP TO BE FURNISHED AND INSTALLED ON ALL ROUND SIA DUCT TAKEOFFS.

**6 DETAIL - SIA ROUND TO RECTANGLE TAP WITH MANUAL VOLUME DAMPER**  
N.T.S.



- GENERAL NOTES:**
- 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.
  - 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 MANUFACTURER'S INSTALLATION INSTRUCTIONS.

**7 DETAIL - TYPICAL DIFFUSER CONNECTION**  
N.T.S.



- GENERAL NOTES:**
- FLEX CONNECTION SHALL BE FURNISHED AND INSTALLED ON ALL INLETS AND OUTLETS OF AIR HANDLING UNITS AND FANS.
  - FLEX CONNECTION SHALL BE SAME SIZE AS INLET/OUTLET OF EQUIPMENT.
  - 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.

**100% CONSTRUCTION DOCUMENTS**  
**MECHANICAL DETAILS**

CITY OF OPELOUSAS  
**SOUTH CITY PARK CENTER**  
South City Park, 1524 Market St. Opelousas, LA 70570 St. Landry Parish  
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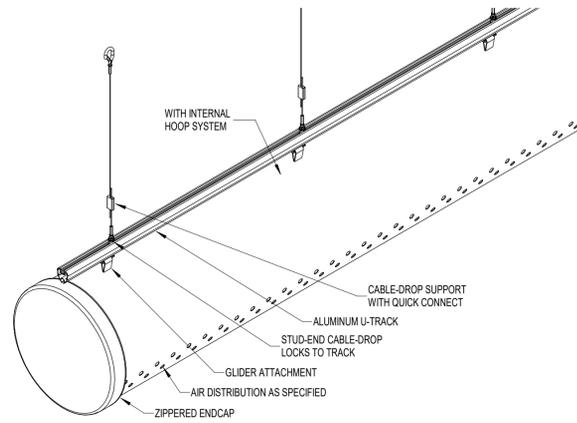


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01/17/2025  
**M300**



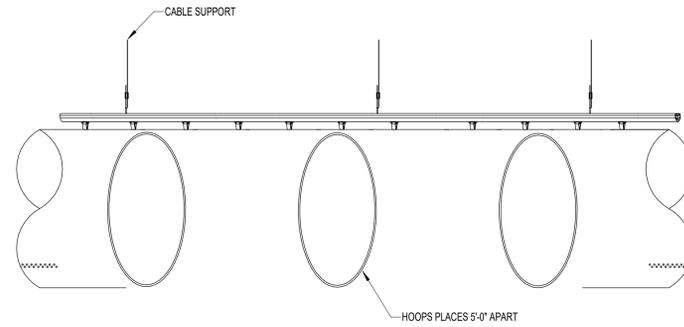
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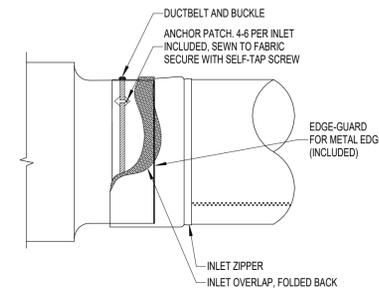


1 ROW U-TRACK SUSPENSION AT 12 O'CLOCK HOOPS (IHS) U-TRACK

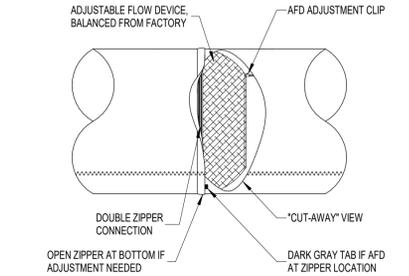
**3** DETAIL - FABRIC DUCT - SUSPENSION  
N.T.S.



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

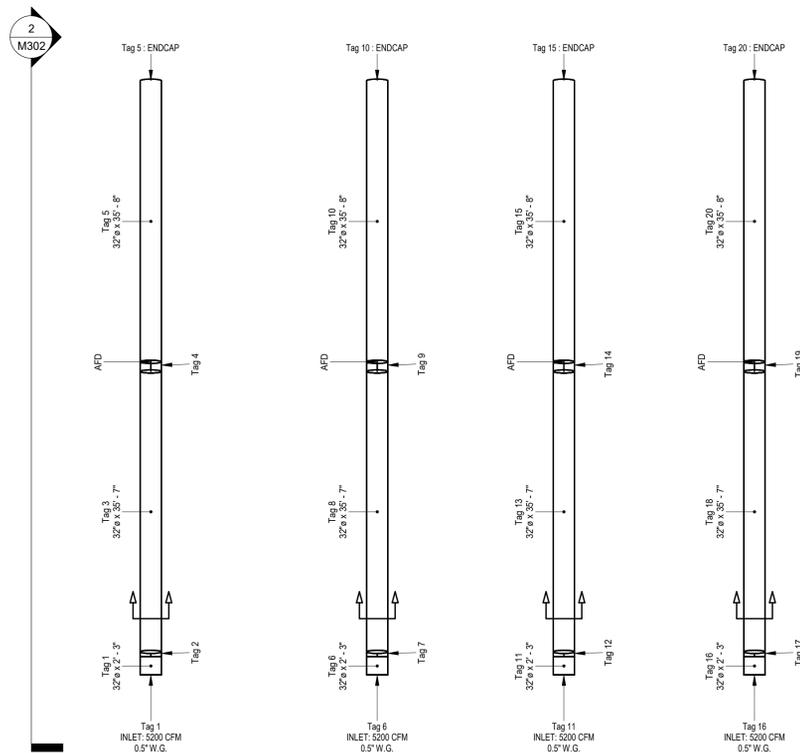


**5** DETAIL - FABRIC DUCT - INLET ATTACHMENT  
N.T.S.



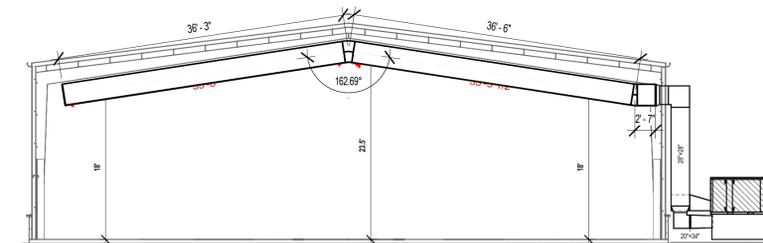
NOTE:  
1. INSTALLED AT ZIPPER LOCATION AT INLET OR AS SPECIFIED IN OTHER LOCATIONS. ZIPPER TO ZIPPER CONNECTION AS SHOWN. EXTERNAL LABEL IDENTIFIES LOCATION.

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



**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"

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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PROJECT NUMBER:  
**20231117**  
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**M302**

**PARISH**  
ENGINEERING  
7600 Innovation Park Drive  
Baton Rouge, LA 70820  
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**SCHEDULE - PACKAGE AIR CONDITIONERS**

MARK	SERVICE	NOMINAL TONS	AIRFLOW			SUPPLY FAN		COMPRESSOR		CONDENSER FAN		EVAPORATOR COIL						HOT GAS REHEAT COIL		2-STAGE NATURAL GAS HEAT				ELECTRICAL SERVICE				EFFICIENCY		WEIGHT	MANUFACTURER / MODEL						
			OUTSIDE AIR		AIRFLOW	MOTOR	TYPE	QTY	FAN TYPE	FAN QTY	TOT CAP	SEN CAP	EADB	EAWB	LADB	LAWB	MAX FACE VELOCITY	TOT CAP	SENS CAP	INPUT		OUTPUT		THERMAL EFF NOX (%)	GAS PRESSURE	EADB	LADB	VOLTS	PH			FRQ	MCA	MOCP	IEER	EER	
			MAX	MIN	MIN ESP															STAGE 1	STAGE 2	STAGE 1	STAGE 2														
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 Btuh	140800.0 Btuh	77.03 °F	64.6 °F	55 °F	54 °F	500 FPM	53500.0 Btuh	27300.0 Btuh	169000.0 Btuh	26000.0 Btuh	135000.0 Btuh	211000.0 Btuh	81	7.00 in-wg	62.79 °F	95 °F	480 V	3	60 Hz	31 A	35 A	15	12	2500 lb	LENNOX LGT180HAM 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 Btuh	140800.0 Btuh	77.03 °F	64.6 °F	55 °F	54 °F	500 FPM	53500.0 Btuh	27300.0 Btuh	169000.0 Btuh	26000.0 Btuh	135000.0 Btuh	211000.0 Btuh	81	7.00 in-wg	62.79 °F	95 °F	480 V	3	60 Hz	31 A	35 A	15	12	2500 lb	LENNOX LGT180HAM 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 Btuh	140800.0 Btuh	77.03 °F	64.6 °F	55 °F	54 °F	500 FPM	53500.0 Btuh	27300.0 Btuh	169000.0 Btuh	26000.0 Btuh	135000.0 Btuh	211000.0 Btuh	81	7.00 in-wg	62.79 °F	95 °F	480 V	3	60 Hz	31 A	35 A	15	12	2500 lb	LENNOX LGT180HAM 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 Btuh	140800.0 Btuh	77.03 °F	64.6 °F	55 °F	54 °F	500 FPM	53500.0 Btuh	27300.0 Btuh	169000.0 Btuh	26000.0 Btuh	135000.0 Btuh	211000.0 Btuh	81	7.00 in-wg	62.79 °F	95 °F	480 V	3	60 Hz	31 A	35 A	15	12	2500 lb	LENNOX LGT180HAM OR APPROVED EQUAL

**NOTES:**

- PROVIDE SINGLE POINT ELECTRICAL CONNECTION.
- INSTALL WITH MANUFACTURER RECOMMENDED SERVICE & AIRFLOW CLEARANCE.
- INSTALL DUCT, GAS & CONDENSATE IN MANNER AS TO NOT PROHIBIT ANY UNIT ACCESS OR SERVICING.
- PROVIDED WITH HAIL GUARDS, OUTDOOR AIR HOOD, ECONIMIZER, BAROMETRIC RELIEF AIR DAMPER CURB
- PROVIDE WITH COMMERCIAL PROGRAMMABLE THERMOSTAT. THERMOSTAT FOR UNIT SHALL BE CAPABLE OF BEING LOCKED OUT & USED AS TEMPERATURE, HUMIDITY & CO<sub>2</sub> SENSORS.
- 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.
- PACKAGE UNITS SHALL BE PROVIDED WITH DUCT MOUNTED SMOKE DETECTORS IN BOTH THE SUPPLY AND RETURN AIR DUCTS.
- PACKAGE UNITS SHALL HAVE DEHUMIDIFICATION CAPABILITIES.
- VARIABLE FREQUENCY DRIVE - MODULATION OUTDOOR & SUPPLY BLOWER FAN SPEED.
- APPROVALS:
  - AHRI STANDARD 340/360 CERTIFIED
  - ETL & CSA LISTED
  - CSA CERTIFIED ENERGY RATINGS
  - UNIT & COMPONENTS ETL, NEC & CEC BONDED FOR GROUNDING MEETING SAFETY STANDARDS FOR SERVICING
  - ASHRAE 90.1 ENERGY EFFICIENT COMPLIANT & MEET OR EXCEED REQUIREMENTS OF SECTION 6.8
  - MEETS DOE 2023 ENERGY EFFICIENCY STANDARDS
  - MEET TYLE 24 & ASHRAE 90.1 SECTION 6.5.1.10 REQUIREMENTS FOR STAGED AIRFLOW
  - ISO 9001 REGISTERED MANUFACTURING QUALITY SYSTEM
- WARRANTY:
  - HEAT EXCHANGER - LIMITED TEN YEARS.
  - COMPRESSOR - LIMITED 5 YEARS
  - COIL SYSTEM - LIMITED 3 YEARS
  - UNIT CONTROLLER - LIMITED 3 YEARS
  - VFD - LIMITED 5 YEARS
  - ECONOMIZER - LIMITED 5 YEARS
  - ALL OTHER COVERED COMPONENTS - LIMITED 1 YEAR
- PROVIDE BIPOLAR IONIZATION SYSTEM.
  - SEE BIPOLAR IONIZATION SCHEDULE.
  - BIPOLAR IONIZATION KIT BY EQUIPMENT MANUFACTURER ACCEPTABLE.
- APPROVED MANUFACTURERS: LENNOX, CARRIER, TRANE, DAIKIN

**FEATURES & BENEFITS:**

- HEATING SYSTEM:
  - TUBULAR CONSTRUCTION, ALUMINIZED STEEL, LIFE CYCLE TESTED.
  - DIRECT SPARK IGNITION.
  - ELECTRONIC FLAME SENSOR.
  - COMBUSTION AIR INDUCER.
  - REUNDUNDANT AUTO DUAL STAGE GAS VALVE WITH MANUAL SHUT OFF.
  - ELECTRONIC PILOT IGNITION.
    - FACTORY INSTALLED IN CONTROL SECTION.
    - GAS VALVE OPEN ONLY WHEN BURNER PROVED LIT & GAS VALVE AUTO CLOSE AT LOSS OF FLAME.
  - LIMIT CONTROLS: FIXED TEMPERATE SETTINGS & PROTECTION FROM OVERHEAT.
  - SAFETY SWITCHES:
    - FLAME ROLL OUT SWITCH.
    - FLAME SENSOR.
    - COMBUSTION AIR INDUCER PROVING SWITCH.
  - MINIMUM 2 STAGE HEAT.
- COOLING SYSTEM:
  - 0°F -125°F OPERATION.
  - FACTORY LEAK TESTED.
  - COMPRESSOR SYSTEM:
    - SCROLL COMPRESSOR MOUNTED ON RUBBER GROMMETS.
    - CRANKCASE HEATERS.
    - THERMAL EXPANSION VALVES.
    - FILETER & DRIERS.
    - HIGH & LOW PRESSURE SWITCHES.
    - INDOOR COIL FREEZE PROTECTION.
  - ANTIMICROBIAL CONDENSATE DRAIN PAN WITH SIDE DRAIN CONNECTION.
  - CONDENSER FAN MOTORS:
    - 2 ECM & 2 PSC MOTORS.
    - THERMAL OVERLOAD PROTECTION.
    - FAN SPEED MODULATION BY UNIT CONTROLLER.
  - CABINET:
    - HEAVY GAUGE STEEL PANEL.
    - FULL PERIMETER HEAVY GAUGE GALVANIZED STEEL BASE RAIL WITH RIGGING HOLES & FORKLIFT SLOTS.
    - HORIZONTAL AIRFLOW:
      - HORIZONTAL RA PANEL KIT & CURB AS REQUIRED.
    - GALVANIZED STEEL EXTERIOR PANELS WITH POLYURETHANE FINISH & SALT FOG & UV EXPOSURE TO 1,680 HRS PER ASTM D5694.
    - FULLY INSULATED BASE.
  - HINGED ACCESS PANELS:
    - FILTER SECTION.
    - BLOWER SECTION.
    - COMPRESSOR & CONTROL SECTION.
    - QUARTER TURN LATCHING HANDLES & PANEL SEALS.
  - BLOWER:
    - OVERLOAD PROTECTED & BALL BEARINGS.
    - FORWARD CURVED BLADES. DOUBLE INLET.
    - STATIC & DYNAMIC BALANCED.
    - ADJUSTABLE PULLEY.
    - GREASE FITTINGS.
    - SLIDE OUT FOR SERVICING.
    - VFD FOR MULTI STAGE AIR VOLUME.
- ELECTRICAL:
  - KEYED & COLOR CODED WIRING CONNECTORS.
  - LABELLED CONNECTIONS.
  - PHASE & VOLTAGE DETECTION.
  - DISCONNECT SWITCH.

**4. AIR QUALITY:**

- AIR FILTERS - 2" PLEATED FILTERS, MERV 8. INSTALL NEW FILTERS UPON SUBSTANTIAL COMPLETION & PROVIDE OWNER WITH ADDITIONAL SET.
- CO<sub>2</sub> SENSORS FOR IAQ & DEMAND CONTROL VENTILATION - INTEGRATED WITH UNIT CONTROLLER & ECONIMIZER DAMPER CONTROL.
- UNIT CONTROLLER:
  - MICROPROCESSOR WITH FLEXIBLE CONTROL FUNCTIONS.
  - MOBILE SERVICE APP AVAILABLE.
  - BUILT IN 7 SEGMENT DISPLAY FOR UNIT STATUS & ALARMS.
  - TEST & CLEARING DELAY BUTTONS.
  - KEYED & REMOVABLE SCREW TERMINALS FOR FIELD WIRING.
  - TWO PORT ETHERNET SWITCH FOR AUTO FIRMWARE UPDATES.
    - CONTRACTOR SHALL PROVIDE CONDUIT, PULL STRINGS & ETHERNET CABLE TO BUILDING SERVER.
  - BUILT IN FUNCTIONS:
    - DISCHARGE AIR COOLING & HEATING CONTROL.
    - THREE INDEPENDENT BLOWERS SPEEDS FOR HEATING, VENTILATION & COOLING.
    - ECONOMIZER CONTROL.
    - NIGHT SETBACK & MORNING WARMUP MODES.
    - FRESH AIR TEMPERING.
    - DEMAND CONTROL VENTILATION.
    - DEHUMIDIFICATION CONTROL - HOT GAS REHEAT. EQUIPMENT & UNIT SAFEGUARDS.
    - COMPRESSOR TIME OFF DELAY & MIN RUN TIME.
    - ADJUSTABLE BLOWER ON/OFF DELAY.
    - RETURN AIR LIMIT CONTROL.
    - SAFETY SWITCH INPUT FOR EXTERNAL SAFETY SWITCH TRIP.
    - THERMOSTAT BOUNCE DELAY.
    - SMOKE ALARM MODE.
    - GAS VALVE TIME DELAY.
    - SERVICE RELAY OUTPUT.
    - TEMPERATURE, HUMIDITY & CO<sub>2</sub> SENSOR INPUT.
    - SMOKE DETECTOR.
    - COMMERCIAL 7 DAY PROGRAMMABLE THERMOSTAT.
- HIGH PERFORMANCE ECONIMIZER:
  - MOTORIZED & MANUAL DAMPERS FOR OUTDOOR & RETURN AIR.
  - LOW LEAKAGE DAMPER.
  - OUTDOOR AIR HOOD.
  - LINKED DAMPER ACTION.
  - 24V MODULATING SPRING RETURN DAMPER.
  - RA & OA DAMPERS.
  - PLUG IN CONNECTIONS TO UNIT.
  - DIFFERENTIAL ENTHALPY CONTROL:
    - FIELD INSTALLED IN RETURN AIR & OUTDOOR AIR SECTION.
    - UNIT CONTROLLER SELECT OA OR RA BASED ON LOWEST ENTHALPY.
  - FIELD INSTALLED OUTDOOR AIR FLOW CONTROL.
  - HORIZONTAL BAROMETRIC RELIEF DAMPER.
  - LINKED MECHANICAL OA & RA DAMPERS 0 - 25% ADJUSTABLE.
  - MODULATING:
    - RETURN AIR ON UNIT, SUPPLY AIR ON CURB.
    - MINIMUM 26" HEIGHT.
    - INSULATION KIT.
- HOT GAS REHEAT WITH DEHUMIDIFAICTION CONTROL

**OPTIONS / ACCESSORIES**

- DRAIN PAN OVERFLOW SWITCH.
- CONDENSATE DRAIN TRAP - FIELD INSTALLED.
- HORIZONTAL POWER & GAS ENTRY.
- COMBINATION COLH-HAL GUARDS.
- HORIZONTAL RETURN AIR PANEL KIT.
- MULTI-STAGE AIR VOLUME BY VFD WITH CONTROLS FOR:
  - COOLING, HEATING & VENTILATION DEMAND.
  - MODULATES WITH COMPRESSOR STAGES.
  - SMOKE ALARM.
  - VFD WITH BYPASS CONTROL.
- BLOWER BELT AUTO-TENSIONER.
- ELECTRICAL:
  - CIRCUIT BREAKERS - FACTORY INSTALLED.
  - SCCR.
  - FACTORY INSTALLED 120V GFCI SERVICE OUTLETS (2), FACTORY INSTALLED, POWERED, AND WIRED WITH WEATHERPROOF COVERS.
- HEALTHY CLIMATE HIGH EFFICIENCY AIR FILTERS:
  - 2" PLEATED FILTERS.
  - MERV 13
- DEMAND CONTROL VENTILATION WITH INDOOR AIR QUALITY (CO<sub>2</sub>) SENSORS TO MONITOR CO<sub>2</sub> LEVELS, REPORT BACK TO UNIT CONTROLLER, AND MODULATE ECONIMIZER DAMPERS AS NEEDED.
- UNIT CONTROLLER BY UNIT MANUFACTURER CAPABLE OF ADJUSTING PARAMETERS FOR ALL UNIT CAPABILITIES (DCV, SETPOINTS, DEHUMIDIFICATION, ECONIMIZER, ETC.)
- DIRTY FILTER SWITCH.
- OUTDOOR AIR CFM CONTROL.
- DEHUMIDIFICATION CONTROL - HUMIDITY SENSORS.
- FACTORY INSTALLED BAROMETRIC RELIEF DAMPERS WITH BIRD SCREEN.
- FACTORY INSTALLED OUTDOOR AIR HOOD & OUTDOOR AIR DAMPER.
- REMOTE MOUNTED HUMIDITY SENSOR KIT.
- THERMOSTAT:
  - 7 DAY PROGRAMMABLE.
  - FULLY COMMUNICATING SENSOR.
  - COLOR TOUCHSCREEN INTERFACE.
  - VARIABLE SPEED SYSTEM CONTROL.
  - UP TO 4 HEAT & 4 COOLING STAGES.
  - BUILT IN TEMPERATURE, HUMIDITY & CO<sub>2</sub> SENSORS.
  - SETBACK RECOVER.
  - AUTO COOL & HEAT CHANGE OVER.
  - 4 WIRE INSTALLATION.
  - FDD, ASHRAE & IECC COMPLIANT.
- MULTI-STAGE AIR VOLUME UTILIZING A VARIABLE FREQUENCY DRIVE (INTEGRAL TO PACKAGE UNIT, BY PACKAGE UNIT MANUFACTURER) TO STAGE THE SUPPLY BLOWER AIRFLOW.
  - AIRFLOW STAGED ACCORDING TO COMPRESSOR STAGES, HEATING DEMAND & VENTILATION DEMAND.
  - AIRFLOW FOR EACH STAGE CAN BE SET ACCORDING TO PARAMETER BY UNIT CONTROLLER.
  - PROVIDED WITH ELECTRONIC BYPASS CONTROL.
  - VFD ALARM GENERATED WHEN VFD MALFUNCTION.
- HUMIDITROL DEHUMIDIFICATION SYSTEM - HOT GAS REHA:
  - FACTORY INSTALLED, HUMIDITY CONTROL USING ASHRAE 90.1 METHOD FOR COMFORT CONDITIONING & HUMIDITY CONTROL.
  - ONE ROW REHEAT COIL SOLENOID VALVE.
  - HUMIDITY SENSOR IN SPACE REQUIRED.

**CONTROLS & SEQUENCE OF OPERATIONS**

- CONTROLS BY THERMOSTAT SETTINGS & UNIT CONTROLLER.
- PROVIDE START UP & ADJUST SETTINGS UPON TEST & BALANCE. STARTUP TO COORDINATE WITH T&B CONTRACTOR PRIOR TO FINAL SETTING ADJUSTMENT.
- MODES:
  - OCCUPIED.
  - UNOCCUPIED.
  - NIGHT TIME SETBACK.
  - MORNING WARMUP.
- SUPPLY AIR BLOWER SPEED SETTINGS:
  - COOLING SPEED - 3 STAGE.
  - VENTILATION SPEED.
  - HEATING SPEED.
- COOLING:
  - MODULATES COMPRESSOR & FAN SPEEDS BASED ON COOLING DEMAND.
  - MINIMUM 3 STAGES.
- DEHUMIDIFICATION:
  - MODULATES COMPRESSOR & FAN SPEEDS BASED ON DEHUMIDIFICATION DEMAND.
  - MINIMUM 3 STAGES.
  - ECONIMIZER LOCKED OUT.
- HEATING:
  - FAN SET TO HEATING SPEED.
  - MINIMUM 2 STAGES.
- DEMAND CONTROL VENTILATION:
  - MODULATES OUTSIDE & RETURN AIR DAMPER BASED ON CO<sub>2</sub> SETPOINT.
  - 2 POSITION FOR DCV OPEN TO MAX WHEN CO<sub>2</sub> SETPOINT EXCEEDS.
    - INITIAL CO<sub>2</sub> SETPOINT = 800 PPM.
  - CO<sub>2</sub> SENSOR AT THERMOSTAT.
- ECONIMIZER:
  - MODULATES OUTSIDE & RETURN AIR DAMPER BASED ON DIFFERENTIAL ENTHALPY SENSORS & LOWEST ENTHALPY AIR.
  - MODULATES COMPRESSOR & FAN SPEEDS BASED ON DEMAND.
  - ENTHALPY SENSOR IN OA & RA SECTION.
- SMOKE DETECTION:
  - UNIT SHUTDOWN WHEN SMOKE DETECTED.
  - SMOKE DETECTOR IN SUPPLY & RETURN AIR SECTION.
  - INTEGRATE WITH FIRE ALARM FOR STATUS/ALARM.

**SCHEDULE - AIR HANDLING UNITS**

MARK	DESCRIPTION	NOMINAL TONS	SUPPLY FAN			DX COOLING COIL		DX COOLING COIL		ELECTRIC HEAT COIL			ELECTRICAL SERVICE				WEIGHT	MANUFACTURER / MODEL								
			AIRFLOW		MOTOR	TOT CAP	SENS CAP	EADB	EAWB	LADB	LAWB	MIN STAGES	TOT CAP	BTU/H	EADB	LADB			VOLTS	PH	FREQ	MCA	MOCP			
			SA	OA																				EXT SP	QTY	POWER
AHU-1	DX SPLIT AIR HANDLER WITH ELECTRIC HEAT	2	950 CFM	75 CFM	0.50 in-wg	1	0.5 hp	24000 Btuh	19200 Btuh	75.66 °F	63.42 °F	55 °F	54 °F	500 FPM	1	6 kW	20500 Btuh	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 Btuh	19200 Btuh	75.66 °F	63.42 °F	55 °F	54 °F	500 FPM	1	6 kW	20500 Btuh	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 Btuh	19200 Btuh	75.66 °F	63.42 °F	55 °F	54 °F	500 FPM	1	6 kW	20500 Btuh	66.05 °F	86.01 °F	208 V	1	60 Hz	41 A	45 A	175 lb	LENNOX CBA27UHE-024 OR APPROVED EQUAL

**NOTES:**

- PROVIDE SINGLE POINT ELECTRICAL CONNECTION.
- PROVIDE WITH COMMERCIAL PROGRAMMABLE THERMOSTAT.
- 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.
- PROVIDE FULL SIZE PLENUM ON BOTTOM/REAR OF AIR HANDLING UNIT. LENGTH AS REQUIRED FOR BRANCH DUCT CONNECTIONS.
- INSTALL WITH MANUFACTURER'S RECOMMENDED SERVICE CLEARANCE. ENSURE THAT PROPER CLEARANCE FOR FILTER REMOVAL IS PROVIDED.
- PROVIDE MANUAL VOLUME DAMPER ON OUTSIDE AIR AND RETURN AIR DUCT.

**SCHEDULE - CONDENSING UNITS**

MARK	DESCRIPTION	NOMINAL TONS	COMPRESSOR		FAN		ELECTRICAL SERVICE				EER	WEIGHT	MANUFACTURER / MODEL			
			TYPE	QTY	REF. TEMP	AMBIENT TEMP	QTY	POWER	VOLTS	PH				FREQ	MCA	MOCP
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:**

- PROVIDE SUCTION ACCUMULATORS.
- 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.
- PROVIDE 4" HIGH CONCRETE HOUSEKEEPING PAD WITH CHAMFERED EDGES (REINFORCED WITH RODS) 6" BEYOND THE EDGE OF THE UNIT FOOTPRINT ON ALL SIDES.
- INSTALL WITH MANUFACTURER'S RECOMMENDED AIRFLOW AND SERVICE CLEARANCES.

**SCHEDULE - MINI SPLIT SYSTEMS**

MARK	INDOOR	SERVICE	AIRFLOW			CAPACITIES			ELECTRICAL SERVICE				EFFICIENCY		WEIGHT		MANUFACTURER-MODEL			
			HIGH	MEDIUM	LOW	COOLING	HEATING	LOW HEATING	VOLTS	PH	FREQ	MCA	MOCP	SEER	EER2	HSPF2(I/V)		INDOOR UNIT TYPE	OUTDOOR	INDOOR WEIGHT
HP-A	CC.A1.A.2	TICKET BOOTHS	375 CFM	300 CFM	255 CFM	18000.0 Btuh	19000.0 Btuh	11000.0 Btuh	208 V	1	60 Hz	14 A	20 A	22.9	13.9	10.5	CEILING CASSETTE	110 lb	40 lb	LENNOX MPC018S4M & M22A009S4 OR APPROVED EQUAL

**NOTES:**

- LIQUID & SUCTION LINES SIZED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS WITH CONSIDERATION FOR PIPING LENGTHS, RISES, FITTINGS, ETC.
- PROVIDE STANDALONE WIRED & PROGRAMMABLE THERMOSTAT ON WALL NEXT TO LIGHT SWITCH. COORDINATE EXACT LOCATION WITH GENERAL CONTRACTOR & ARCHITECT PRIOR TO INSTALLATION.
- INDOOR MINISPLIT UNITS SHALL BE POWERED FROM THE ASSOCIATED OUTDOOR UNIT. COORDINATE WITH ELECTRICAL PRIOR TO CONSTRUCTION.
- PROVIDE LOW AMBIENT COOLING OPERATION.
- 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. 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 G99 GALVANIZED SHED PANEL BELOW ANY & ALL CONDENSATE DRAIN LINES.
- COORDINATE WITH ELECTRICAL CONTRACTOR FOR ELECTRICAL DISCONNECT.
- CONTROL WIRING BETWEEN INDOOR & OUTDOOR UNIT SHALL BE PROVIDED BY MECHANICAL CONTRACTOR.
- 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							

**SCHEDULE - FANS**

MARK	TYPE	FAN				FAN MOTOR					WEIGHT	CONTROLS	MANUFACTURER / MODEL
		AIRFLOW	MIN EXT ESP	MAX SONES	RPM	DRIVE	POWER	VOLTS	PH	FREQ			
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		MATERIAL	FINISH	MANUFACTURER / MODEL
											TYPE	SIZE			
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			AIRFLOW	FREE AREA	FREE AREA VELOCITY (FPM)	STATIC PRESSURE DROP	MATERIAL	MANUFACTURER / MODEL
			W	H	D						
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:**

**INSTALLATION NOTES:**

- |   |  |
|---|--|
| <ol style="list-style-type: none"> <li>1. PROVIDE LOUVERS WITH 70% KYNAR FINISH WITH COLOR SELECTED BY ARCHITECT.</li> <li>2. REFER TO ARCHITECT FOR EXACT INSTALLATION HEIGHT AND COLOR SELECTION.</li> <li>3. ALL LOUVERS SHALL BE FLORIDA PRODUCT APPROVED.</li> <li>4. PROVIDE LOUVERS WITH DRAINABLE BLADES, 1/2" x 1/2" BIRDSCREENS, CHANNEL FRAMES &amp; EXTENDED SILLS.</li> <li>5. PROVIDE MULLION CONNECTED SECTIONS FOR LOUVERS LARGER THAN 5'-0" (WIDTH OR HEIGHT).</li> <li>6. LOUVERS SHALL BE AMCA 550 COMPLIANT.</li> </ol> | <ol style="list-style-type: none"> <li>1. PROVIDE FULL SIZE PLENUM ON REAR OF LOUVER. TRANSITION AS REQUIRED &amp; SHOWN ON DRAWINGS.</li> <li>2. PROVIDED EXTERNAL INSULATION ON PLENUM. REFER TO SPECIFICATIONS FOR INSULATION.</li> <li>3. SLOPE BOTTOM OF SHEET METAL PLENUM TO EXTERIOR FOR DRAINING.</li> <li>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 &amp; FRAMES. SHEET METAL FASTENED TO ANGLE 6" O.C.</li> <li>5. PROVIDE SHEET METAL DIVIDER WITHIN PLENUM WHERE SHOWN ON DRAWINGS. REFER TO DRAWINGS FOR DIMENSIONS/LOCATION OF SHEET METAL DIVIDER.</li> <li>6. LOUVER OPENING OVERALL SIZE SHALL BE 1/4" GREATER THAN LOUVER SIZE ON ALL SIDES. CONTRACTOR SHALL COORDINATE &amp; VERIFY EXACT WALL OPENING REQUIRED WITH MANUFACTURER OF ACTUAL EQUIPMENT SUPPLIED TO PROJECT PRIOR TO WALL OPENING ROUGH IN CONSTRUCTION.</li> <li>7. SEAL &amp; CAULK AROUND LOUVER PERIMETER AT WALL AIR &amp; WATER TIGHT.</li> <li>8. SECURE LOUVERS WITH STAINLESS STEEL FASTENERS.</li> <li>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.</li> <li>10. PROVIDE 100% CLEAR SILICONE TO SEAL LOUVER &amp; BACKER ROD.</li> </ol> |
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**100% CONSTRUCTION DOCUMENTS**

**MECHANICAL SCHEDULES**

CITY OF OPELOUSAS

**SOUTH CITY PARK CENTER**

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

PROJECT ID: 20231117



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#	BY	DATE	REVISION



PROJECT NUMBER:  
**20231117**

DATE:  
01/17/2025

**M401**



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

**PLUMBING GENERAL NOTES**

- ALL WORK BY CONTRACTORS SHALL CONFORM TO ALL APPLICABLE FEDERAL, STATE AND LOCAL BUILDING CODES, INCLUDING THE CURRENT INTERNATIONAL ENERGY CONSERVATION CODE.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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 DIFFERENT THAN EQUIPMENT THAT IS BASIS OF DESIGN.
- 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.
- 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.
- 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.
- 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.
- 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, CONSTRUCTION OF MINIMUM 1" WIDE, LENGTH AS REQUIRED LAMINATED PLASTIC. SECURELY FASTENED TO EQUIPMENT WITH STAINLESS STEEL OR NONCORRODING HARDWARE. STICK ON LABELS NOT ACCEPTABLE.
- SANITIZE & DISINFECT THE POTABLE WATER SYSTEM IN ACCORDANCE WITH INTERNATIONAL PLUMBING CODE (CURRENT ENFORCEABLE EDITION) & LOCAL BUILDING CODES. TEST SYSTEM FOR LEAKS.
- 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.
- 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.
- PROVIDE ALL PLUMBING FIXTURES WITH ACCESSIBLE STOPS. PROVIDE ALL EQUIPMENT WITH ACCESSIBLE SHUT OFF VALVES.
- 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.
- MAINTAIN 6" BETWEEN FLUSH VALVE, VACUUM BREAKER, CRITICAL LEVEL TAILPIECE & OVERFLOW RIM OF WATER CLOSETS.
- 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.
- PROVIDE PIPING SUPPORTS FROM AND/OR FRAMING IN APPROVED MANNER. PROVIDE ADDITIONAL FRAMING WHERE OVERHEAD CONSTRUCTION DOES NOT ALLOW FOR FASTENING OF SUPPORTS FOR PIPING & EQUIPMENT.
- 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.
- SMOKE TEST ALL SANITARY SEWER & VENT PIPING PRIOR TO CLOSURE OF WALLS.
- PLUG OR CAP ALL PIPING. PIPING SHALL NOT BE LEFT OPEN ENDED (INCLUDING WHEN STORED ON SITE & DURING CONSTRUCTION).
- GRADE SENSITIVE PIPING (SANITARY SEWER, VENT, STORM DRAINAGE, ETC.) SHALL TAKE PRECEDENCE OVER ALL OTHER INSTALLATIONS. COORDINATE WITH ALL DISCIPLINES PRIOR TO & DURING CONSTRUCTION.
- COORDINATE PIPE PENETRATIONS WITH ELECTRICAL & MECHANICAL CONTRACTOR.
- PROVIDE FLASHING & COUNTER-FLASHING AS REQUIRED TO MAINTAIN THE WATERPROOFING INTEGRITY OF THE BUILDING AS REQUIRED FOR THE INSTALLATION OF PIPES, CONDUIT, EQUIPMENT, ETC.
- 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.
- 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.
- 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.
- PROVIDE CLEANOUTS WHERE SHOWN ON DRAWINGS & WHERE SPECIFIED BELOW.
  - PROVIDE 2-WAY EXTERIOR CLEANOUTS AT ALL SEWER LINES EXITING FROM UNDER THE BUILDING SLAB.
  - PROVIDE CLEANOUT AT BASE OF RISER WITH ACCESS DOORS FOR SANITARY SEWER & STORM DRAINAGE RISER FROM SECOND FLOOR LEVEL AND ABOVE.
  - PROVIDE CLEANOUTS AT CHANGES IN DIRECTIONS GREATER THAN 45°.
  - PROVIDE CLEANOUTS EVERY 75 FEET FOR 4" & 6" PIPING.
  - PROVIDE CLEANOUTS EVERY 50 FEET FOR 3" & UNDER PIPING.
  - PROVIDE 6" CLEANOUTS ON PIPING 6" & LARGER.
  - PROVIDE CLEANOUT MATCHING PIPE SIZES FOR PIPING 4" & UNDER.
- 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.
- 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.
- PROVIDE DIELECTRIC FITTING WHERE DISSIMILAR METALS ARE CONNECTED.
- PROVIDE HANDICAPPED 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.
- DO NOT ROUTE PIPING CONTAINING WATER OVER ELECTRIC EQUIPMENT.
- 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 CEILING. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN & DRAWINGS FOR RATED CEILING LOCATIONS.
- ALL TRAPS SUBJECT TO EVAPORATION (FLOOR DRAINS, HUB DRAINS, ETC.) SHALL BE PROVIDED WITH A TRAP PRIMER.
- PROVIDE WATER HAMMER ARRESTORS IN ACCORDANCE WITH PDI WHOI 81 ASSE 1010 COMPLIANT.
- PROVIDE ALL POTABLE WATER SYSTEMS WITH LEAD FREE PIPING, SOLDER & FLUX.
- COORDINATE ROUGH IN LOCATIONS WITH APPROVED TOILET PARTITION SHOP DRAWINGS & ARCHITECTURAL ELEVATION DRAWINGS.
- ALL AUTOMATIC TRAP PRIMERS SHALL BE ASSE 1018 COMPLIANT.
- MANHOLE REQUIREMENTS:
  - ALL MANHOLES SHALL BE PRECAST CONCRETE TYPE CONFORMING TO ASTM C478/C478M.
  - ALL MANHOLE RUBBER GASKETS FOR CONCRETE PIPE AND MANHOLES SHALL CONFORM TO ASTM C433/C433M.
  - ALL MANHOLE TOPS FRAMES & COVERS SHALL CONFORM TO ASTM A48.
  - 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.
- WATER HEATERS SHALL HAVE THE FOLLOWING REQUIRED SAFETY DEVICES. TEMPERATURE & PRESSURE RELIEF VALVE, ASSE 1017 COMPLIANT 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).
- PROVIDE ALL SUMP PUMPS WITH CHECK VALVE & GATE VALVE INSTALLED ON THE DISCHARGE OF THE SUMP PUMP.
- PROVIDE MILDEW-RESISTANT WHITE SILICONE SEALANT BEAD AROUND BASE OF ALL FIXTURES.
- 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.
- PROVIDE HIGH & LOW BRACING FROM STRUCTURE ON PIPING PENETRATING THROUGH THE ROOF TO PREVENT MOVEMENT THAT WOULD AFFECT WATERPROOFING OF ROOF FLASHING.
- 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.
- PROVIDE & COORDINATE PROVISIONS FOR PIPE PROTECTION BENEATH HANDICAP LAVATORIES WHERE REQUIRED BY APPLICABLE CODES & WHERE INDICATED WITHIN TOILET ACCESSORIES.
- 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.
- GENERAL CONTRACTOR SHALL PAINT ALL PLUMBING PENETRATIONS (VENTS, FLASHING, ETC.) THROUGH ROOF. COORDINATE WITH ARCHITECT FOR COLOR.
- 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.
- 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.
- 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.

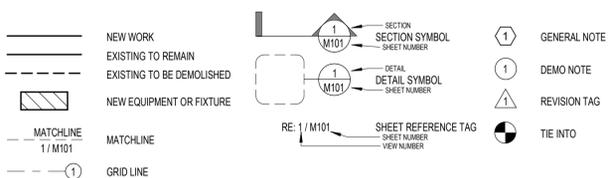
**NATURAL GAS GENERAL NOTES**

- NATURAL GAS PIPING & EQUIPMENT SHALL COMPLY WITH REQUIREMENTS OF INTERNATIONAL GAS CODE & INTERNATIONAL PLUMBING CODE (CURRENT ENFORCEABLE EDITIONS).
- 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.
- UNDERGROUND PLASTIC PIPING SHALL BE INSTALLED WITH SUFFICIENT CLEARANCE FROM ANY HEAT SOURCE. UNDERGROUND NATURAL GAS PIPING SHALL BE INSTALLED TO ALLOW FOR PROPER MAINTENANCE & PROTECTION FROM DAMAGE FROM PROXIMITY TO OTHER STRUCTURES.
- 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, 10 RIBBON TAPE SET 12" ABOVE TOP OF PIPE OR 24" BELOW FINISHED GRADE (SHALLOWER OF THE TWO) FOR ALL NON-CONDUCTIVE PIPE.
- PROVIDE ANODELESS GAS RISER AT WHERE NATURAL GAS PIPING IS ROUTED FROM UNDERGROUND TO ABOVE GRADE.
- COORDINATE EXACT LOCATION, PRESSURE REQUIREMENTS & NATURAL GAS DEMAND FOR ALL NATURAL GAS INLET WITH EQUIPMENT & NATURAL GAS PIPING & PIPING SPECIALTIES (VALVES, FLEXIBLE CONNECTION/HOSE, ETC.) WITH EQUIPMENT MANUFACTURER.
- PROVIDE UNIONS ON BOTH SIDES OF NATURAL GAS REGULATOR WITHIN 1 FOOT OF REGULATOR.
- NATURAL GAS REGULATORS (THAT VENT) & METERS SHALL BE INSTALLED WITH THE FOLLOWING MINIMUM DISTANCES:
  - 18" FROM EXTERIOR DOOR OR OPERABLE WINDOW
  - 3" FROM SOURCE OF IGNITION (ELECTRIC METERS, ELECTRIC BOX, AC UNIT, CHILLER, ETC.)
  - SHALL NOT BE INSTALLED BELOW WINDOW
  - 10" FROM ANY MECHANICAL AIR INLETS
- 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.

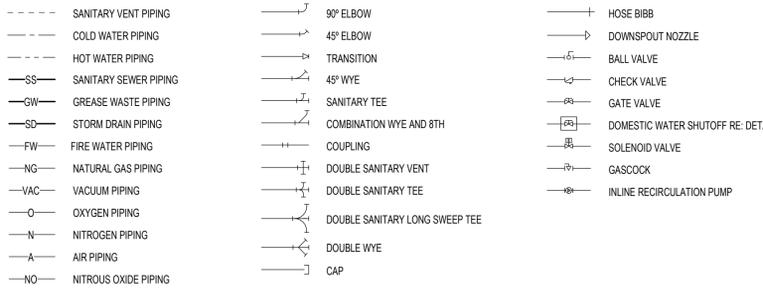
**PLUMBING SYMBOL LEGEND**

(REFER TO DRAWINGS AND SPECIFICATIONS FOR FURTHER REQUIREMENTS)

**GENERAL**



**PIPING**



**MEDICAL GAS**



**INDEX - PLUMBING SHEETS**

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P300	PLUMBING DETAILS
P400	PLUMBING SCHEDULES

**ABBREVIATION LEGEND**

AC	AIR CONDITIONING	RTU	ROOF TOP UNIT
ACCU	AIR COOLED CONDENSING UNIT	SA	SUPPLY AIR
AFB	ABOVE FINISHED FLOOR	SD	SMOKE DAMPER
AFS	AIR FLOW STATION	SEER	SEASONAL ENERGY EFFICIENCY RATIO
AHU	AIR HANDLING UNIT	SF	SUPPLY AIR FAN
AMB	AMBIENT	SP	STATIC PRESSURE
AS	AIR SEPARATOR	SPEC	SPECIFICATIONS
AV	AIR VENT	TEMP	TEMPERATURE
BAS	BUILDING AUTOMATION SYSTEM	TOD	TOP OF DUCT
BDD	BACKDRAFT DAMPER	TSP	TOTAL STATIC PRESSURE
BFP	BACKFLOW PREVENTER	TYP	TYPICAL
BOD	BOTTOM OF DUCT	UG	UNDERGROUND
BTUH	BRITISH THERMAL UNIT PER HOUR	UL	UNDERWRITERS LISTED
CC	COOLING COIL	VAV	VARIABLE AIR VOLUME
CFH	CUBIC FEET PER HOUR	VFD	VARIABLE FREQUENCY DRIVE
CFM	CUBIC FEET PER MINUTE	W/	WITH
CH	CHILLER	W/O	WITHOUT
CHWCF	CHILLED WATER CHEMICAL FEED	WB	WET BULB (DEG F)
CHP	CHILLED WATER PUMP		
CHR	CHILLED WATER RETURN		
CHS	CHILLED WATER SUPPLY		
COMP	COMPRESSOR		
CP	CIRCULATING PUMP		
CU	CONDENSING UNIT		
CTJ	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		
ELEV	ELEVATION		
ELEC	ELECTRICAL		
ENT	ENTERING		
ENT	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		
FCFPU	FAN COIL UNIT		
FD	FIRE DAMPER CC		
FT	FEET		
FLA	FULL LOAD AMPS		
FRM	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		
LXG	LEAVING		
MA	MIXED AIR		
MV	MAXIMUM		
MD	MOTORIZED DAMPER		
MCH	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		

**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



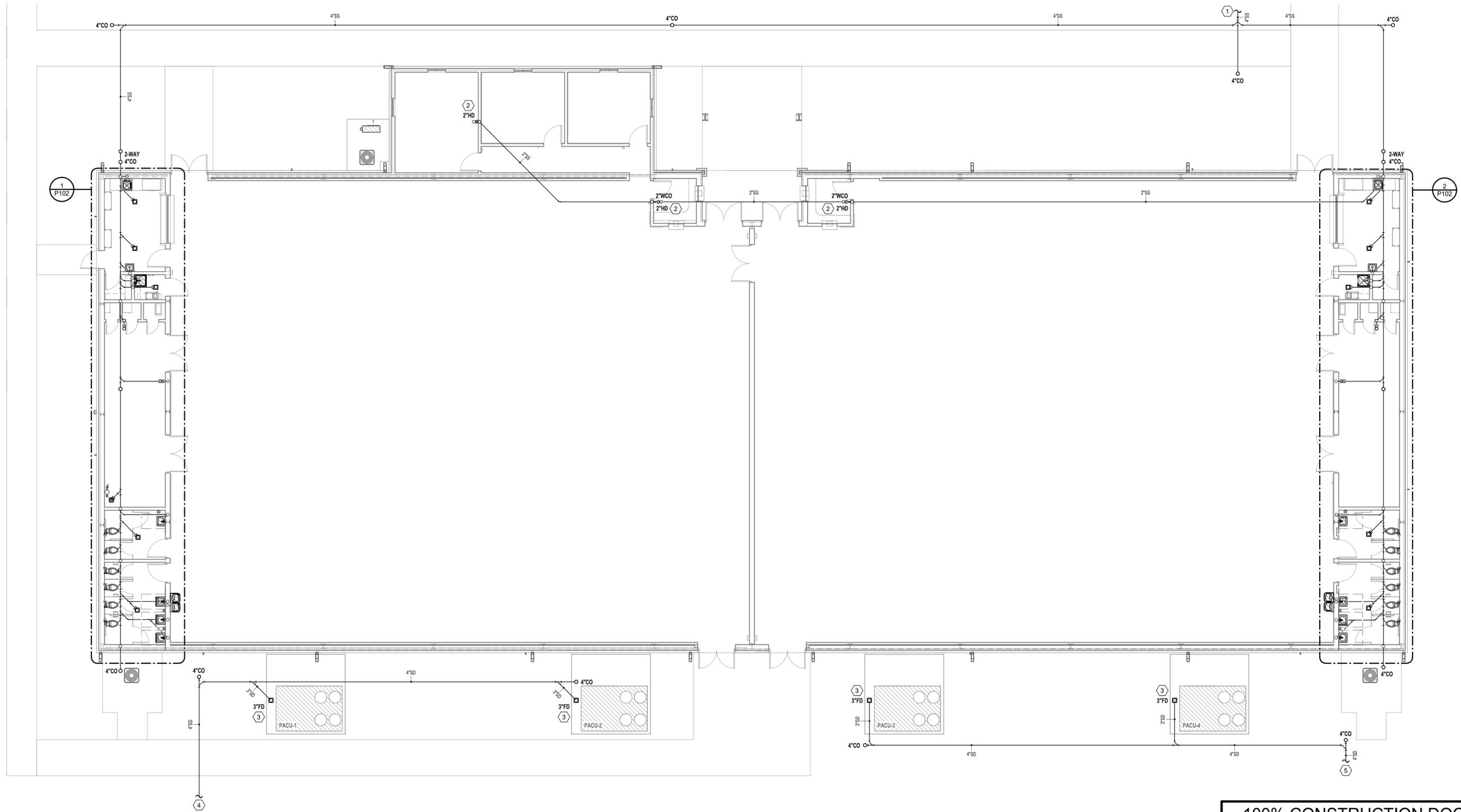
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 ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

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PROJECT NUMBER:  
**20231117**  
 DATE:  
 01/17/2025  
**P001**





**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 #TG23FHD OR EQUAL). RE: DETAIL.
- ③ PROVIDE FLOOR DRAIN IN CONCRETE HOUSEKEEPING PAD AS SHOWN FOR HVAC EQUIPMENT CONDENSATE REMOVAL. COORDINATE 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



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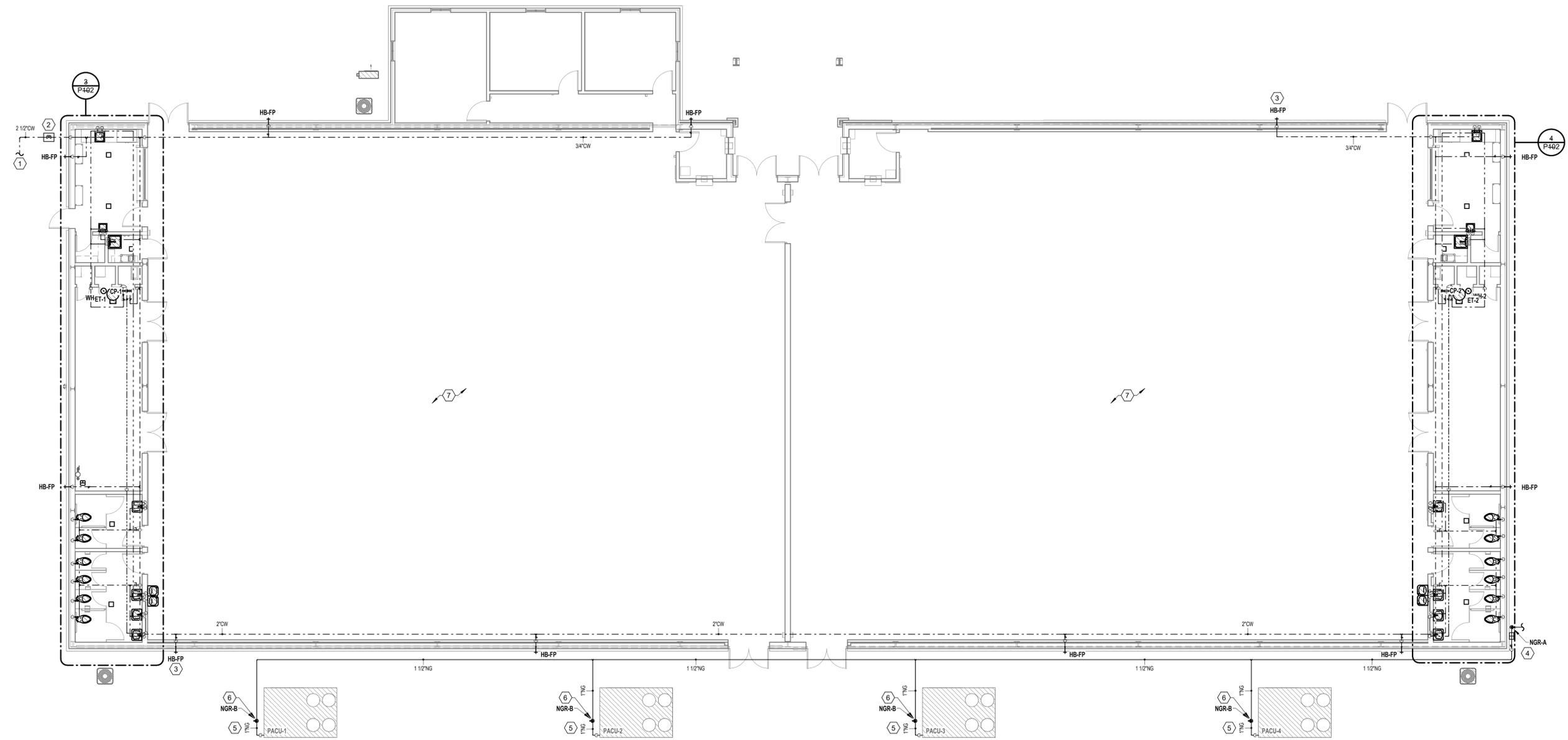


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**P100**





**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 LFU09-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 (120/160) 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 100 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 7-11" 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.

**100% CONSTRUCTION DOCUMENTS**  
**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



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DAVID J. PARSH  
PROFESSIONAL ENGINEER  
01/17/2025  
MECHANICAL ENGINEERING

PROJECT NUMBER:  
**20231117**

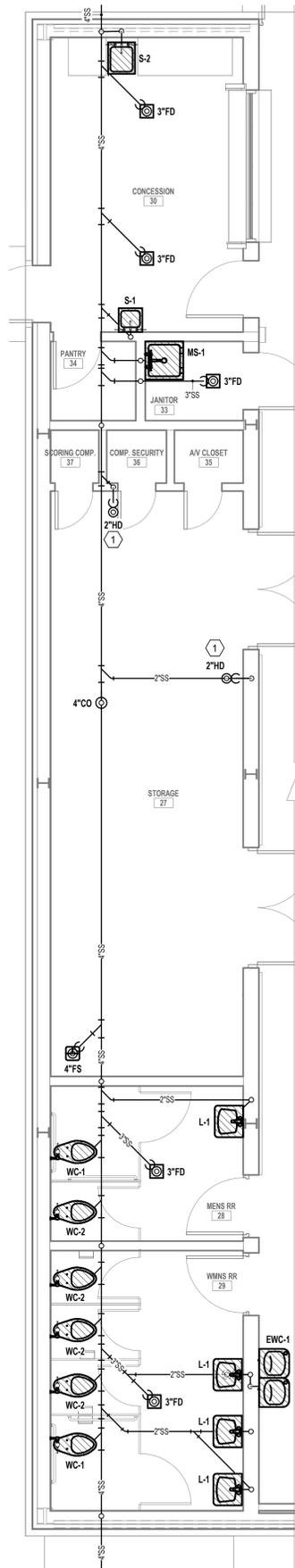
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**P101**

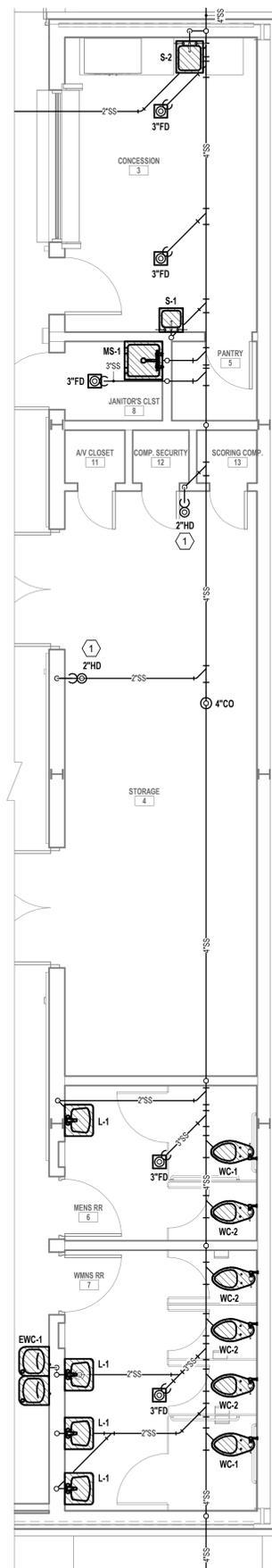


**PLUMBING KEY NOTES**

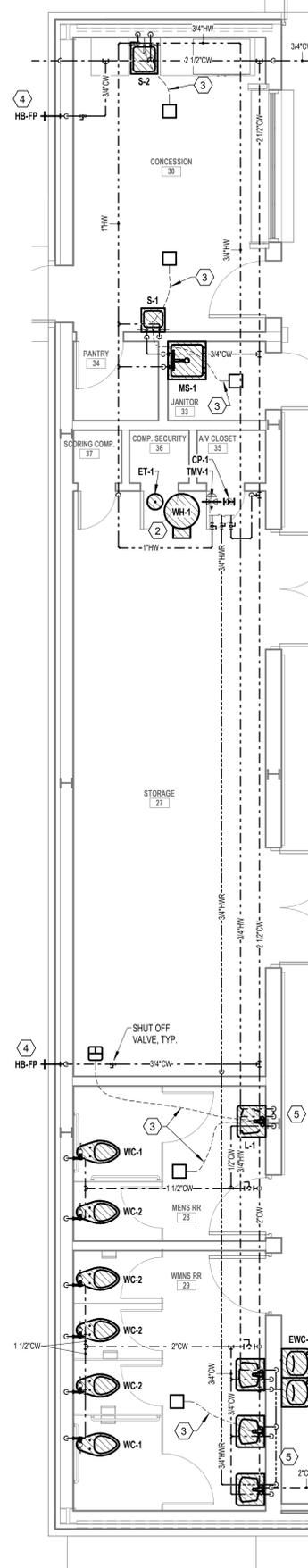
- 1 2" HUB DRAIN WITH FUNNEL STUBBED INTO ATTIC SPACE ABOVE FOR EQUIPMENT CONDENSATE. COORDINATE EXACT LOCATION WITH THE MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN. INSULATE HUB DRAIN TRAP AND HORIZONTAL DRAIN LINE BACK TO VERTICAL PIPE DROP. PROVIDE HUB DRAIN WITH TRAP GUARD (PROVENT SYSTEMS #TG23HD OR 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 VALVE 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.



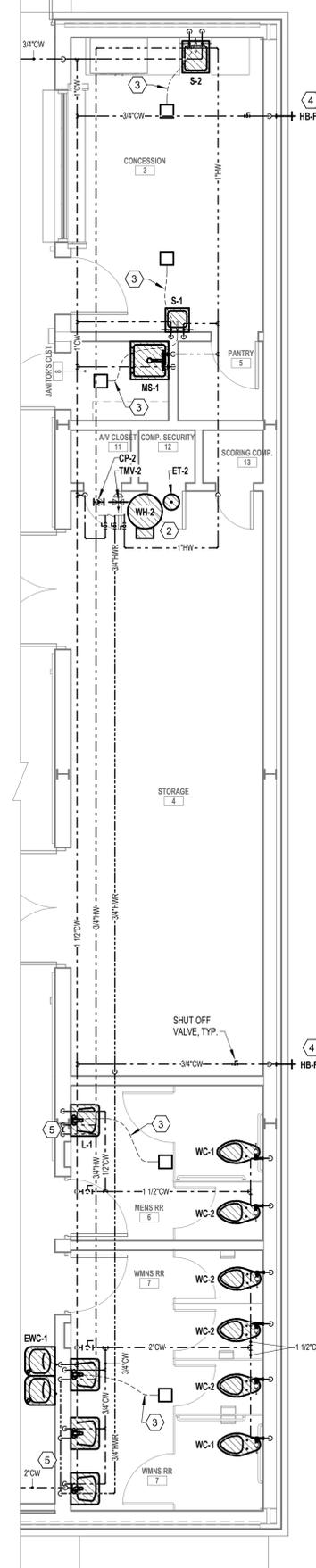
**1 PLUMBING PLAN - ENL SS - SPICE CENTER BOH**  
1/4" = 1'-0"



**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"

**100% CONSTRUCTION DOCUMENTS**

**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



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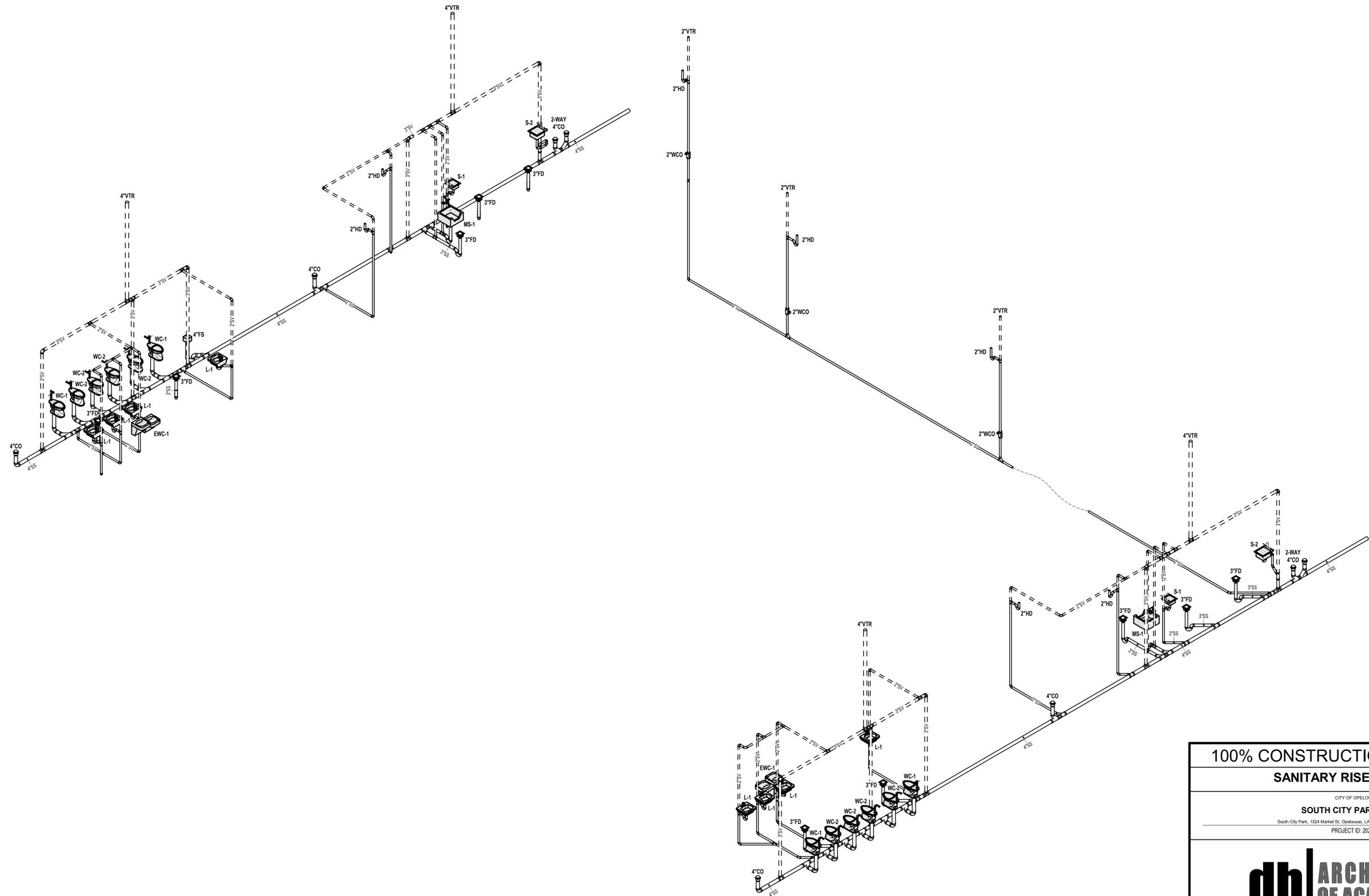
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**P102**



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



**1** SANITARY RISER DIAGRAM

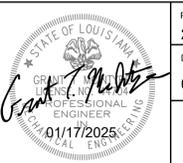
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**SANITARY RISER DIAGRAM**

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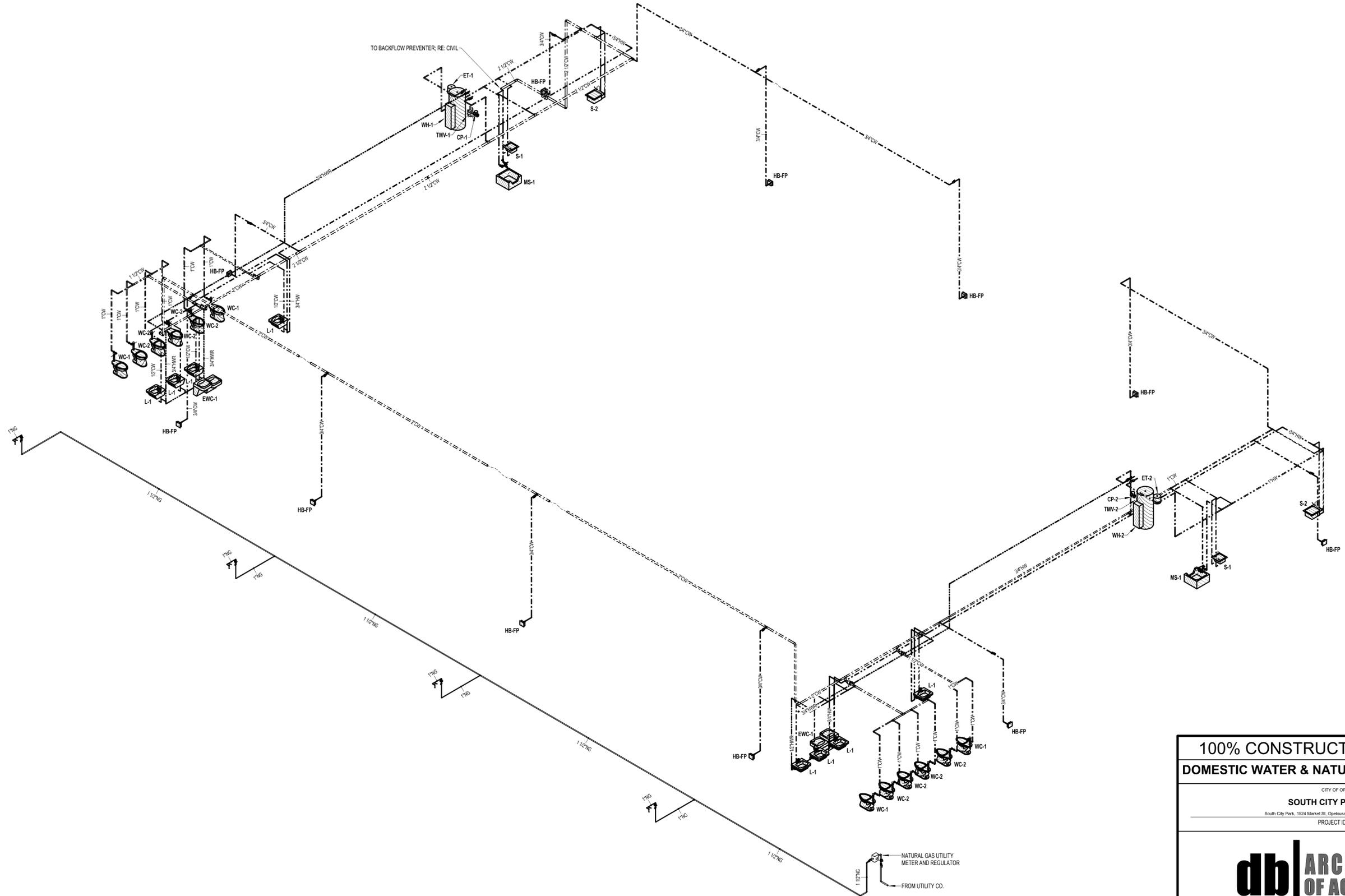
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**P200**



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**1 DOMESTIC WATER & NATURAL GAS RISER DIAGRAM**  
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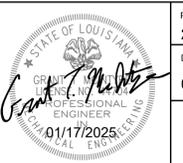
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**DOMESTIC WATER & NATURAL GAS RISER DIAGRAM**

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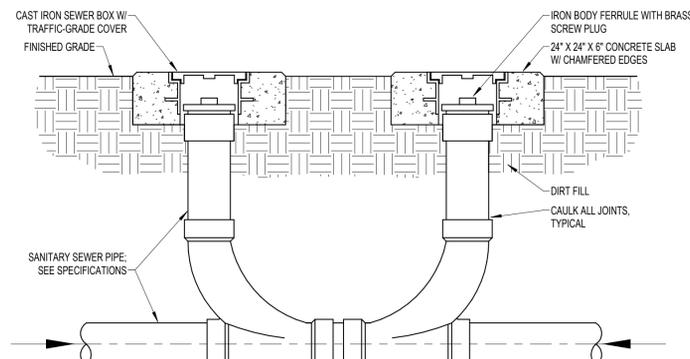
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**P201**



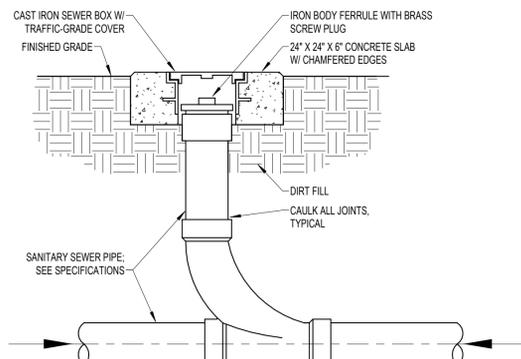
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- GENERAL NOTES:**
- CLEANOUTS SHALL HAVE MINIMUM INSTALLED CLEARANCES: 12" FOR CLEANOUTS SMALLER THAN 3"; 18" FOR CLEANOUTS 3" AND LARGER.
  - COORDINATE ROUGH IN HEIGHT OF ALL CLEANOUTS WITH SLAB/FINISHED FLOOR HEIGHT PRIOR TO SLAB BEING POURED.
  - ALL NOTES ARE TYPICAL FOR EACH CLEANOUT.

**1 DETAIL - TWO WAY CLEANOUT**

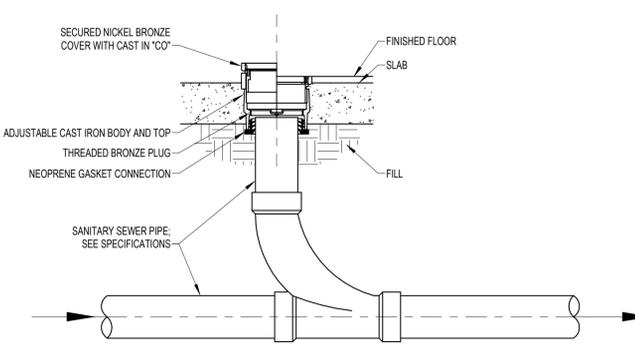
N.T.S.



- GENERAL NOTES:**
- CLEANOUTS SHALL HAVE MINIMUM INSTALLED CLEARANCES: 12" FOR CLEANOUTS SMALLER THAN 3"; 18" FOR CLEANOUTS 3" AND LARGER.
  - COORDINATE ROUGH IN HEIGHT OF ALL CLEANOUTS WITH SLAB/FINISHED FLOOR HEIGHT PRIOR TO SLAB BEING POURED.
  - ALL NOTES ARE TYPICAL FOR EACH CLEANOUT.

**2 DETAIL - EXTERIOR CLEANOUT**

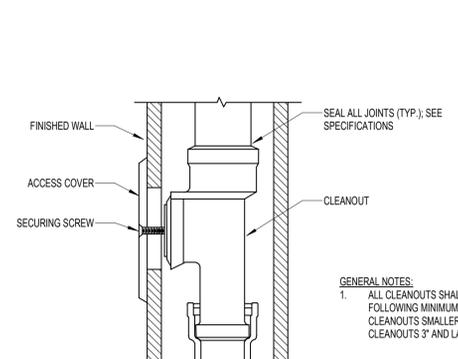
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- GENERAL NOTES:**
- CLEANOUTS SHALL HAVE MINIMUM INSTALLED CLEARANCES: 12" FOR CLEANOUTS SMALLER THAN 3"; 18" FOR CLEANOUTS 3" AND LARGER.
  - CLEANOUTS SHALL BE LOCATED AT MAXIMUM INTERVALS OF: 50'-0" FOR PIPING 3" AND SMALLER; 80'-0" FOR PIPING 4" THROUGH 6".
  - COORDINATE ROUGH IN HEIGHT OF ALL CLEANOUTS WITH SLAB/FINISHED FLOOR HEIGHT PRIOR TO SLAB BEING POURED.

**3 DETAIL - INTERIOR CLEANOUT**

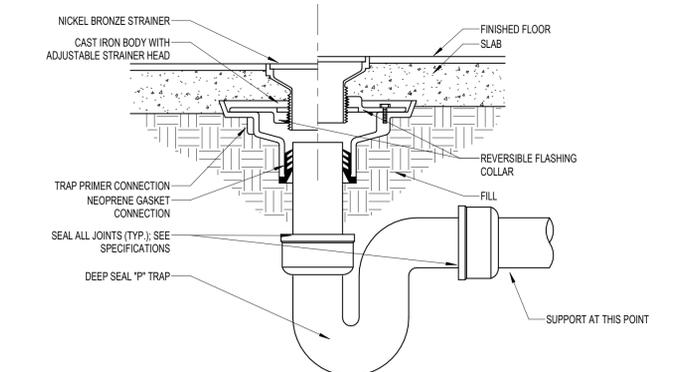
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- GENERAL NOTES:**
- ALL CLEANOUTS SHALL BE INSTALLED WITH THE FOLLOWING MINIMUM CLEARANCES: 12" MIN. ON CLEANOUTS SMALLER THAN 3" AND 18" MIN. ON CLEANOUTS 3" AND LARGER.

**4 DETAIL - WALL CLEANOUT**

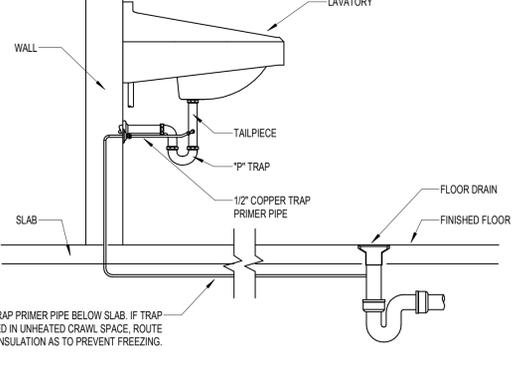
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- GENERAL NOTES:**
- ALL FLOOR DRAINS SHALL BE INSTALLED WITH A 1/2" TRAP PRIMER.
  - COORDINATE ROUGH IN HEIGHT OF ALL FLOOR DRAINS WITH SLAB/FINISHED FLOOR HEIGHT PRIOR TO SLAB BEING POURED.

**5 DETAIL - FLOOR DRAIN**

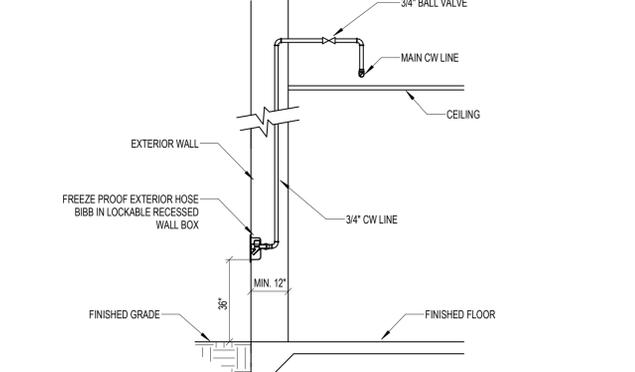
N.T.S.



- GENERAL NOTES:**
- 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**

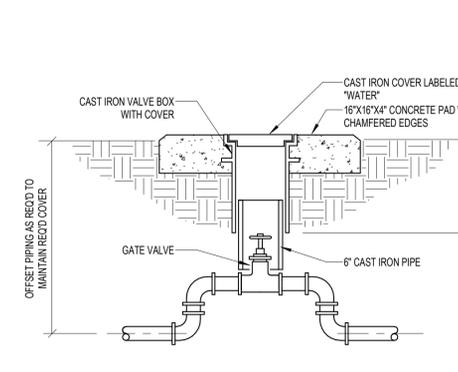
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- GENERAL NOTES:**
- ALL COPPER PIPING BELOW SLAB SHALL BE SOFT DRAWN WITH NO JOINTS. ALL COPPER PIPING ABOVE SLAB SHALL BE HARD DRAWN COPPER.

**7 DETAIL - EXTERIOR HOSE BIBB**

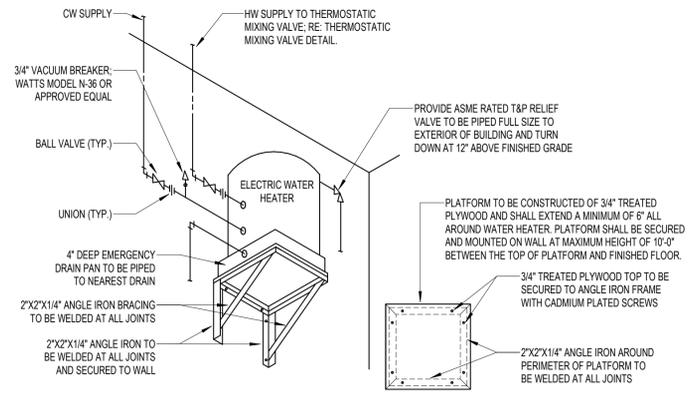
N.T.S.



- GENERAL NOTES:**
- ALL COPPER PIPING BELOW SLAB SHALL BE SOFT DRAWN WITH NO JOINTS. ALL COPPER PIPING ABOVE SLAB SHALL BE HARD DRAWN COPPER.

**8 DETAIL - DOMESTIC WATER SHUTOFF**

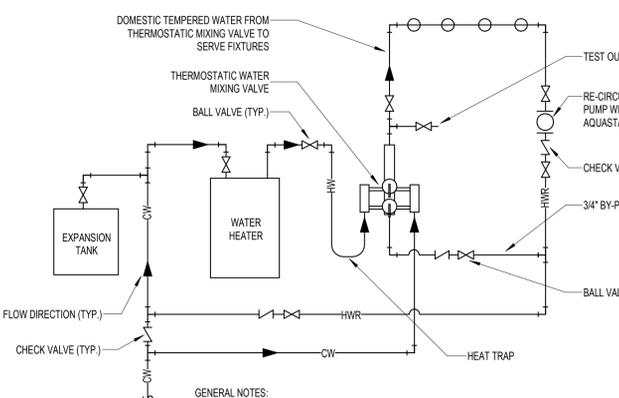
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TOP VIEW OF PLATFORM

**9 DETAIL - WALL MOUNTED ELECTRIC WATER HEATER**

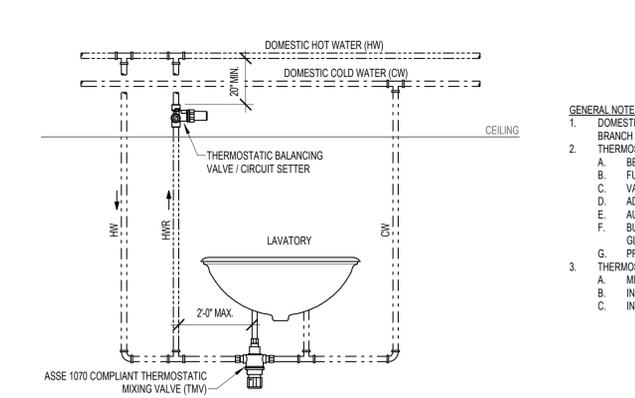
N.T.S.



- GENERAL NOTES:**
- ALL CHECK VALVES MOUNTED IN THE VERTICAL POSITION SHALL BE SPRING LOADED.
  - ALL BALL VALVES SHALL BE FULL PORT LINE SIZE.

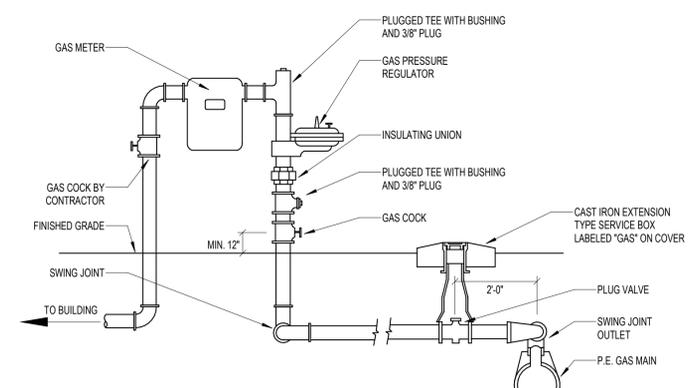
**10 DETAIL - THERMOSTATIC MIXING VALVE @ WH**

N.T.S.



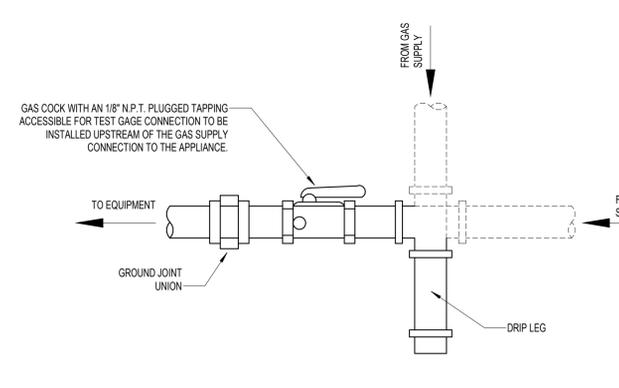
**11 DETAIL - PUBLIC LAVATORY DOMESTIC HOT WATER BRANCH LOOP**

N.T.S.



**12 DETAIL - GAS SERVICE**

N.T.S.



**13 DETAIL - GAS CONNECTION TO EQUIPMENT**

N.T.S.

- GENERAL NOTES:**
- 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.
  - THERMOSTATIC BALANCING VALVE / CIRCUIT SETTER CONSTRUCTION FEATURES:
    - BELL & GOSSETT MODEL TB-12(C) OR EQUAL.
    - FULLY CERTIFIED BY ISO 9001 AND CERTIFIED LEAD FREE CONSTRUCTION PER NSF/ANSI 61 STANDARDS.
    - VALVE BODY CONSTRUCTED OF 316 STAINLESS STEEL RATED FOR 145 PSIG MAXIMUM WORKING PRESSURE.
    - ADJUSTABLE TEMPERATURE SETPOINT DIAL (98°F-150°F, ±3.0°F ACCURACY) WITH MAGNIFYING GLASS COVER.
    - AUTOMATIC BALANCING WITH WAX THERMOSTATIC ELEMENT (OUT OF CONTACT WITH CIRCULATING WATER).
    - BUILT-IN MANUAL BYPASS WITH ADJUSTABLE GPM (0.08 - 0.29) FOR HIGH TEMPERATURE THERMAL DISINFECTION AND MAGNIFYING GLASS COVER.
  - PROVIDE WITH POLYSTYRENE (EPS) THERMAL INSULATION BLOCK WITH VELCRO STRAPS.
    - MINIMUM 2" AWAY FROM THE MAIN HOT WATER RETURN PIPE. MINIMUM 4" CLEARANCE ON ALL SIDES.
    - INSTALL AT EQUAL ELEVATION AS OR LOWER ELEVATION THAN MAIN HOT WATER PIPING TO AVOID FALSE TEMPERATURE READINGS.
    - INSTALL ABOVE ACCESSIBLE CEILINGS; IF INSTALLED ABOVE INACCESSIBLE CEILING, CONTRACTOR TO PROVIDE ACCESS PANEL.

**100% CONSTRUCTION DOCUMENTS**

**PLUMBING DETAILS**

CITY OF OPELOUSAS  
**SOUTH CITY PARK CENTER**  
 South City Park, 1524 Market St. Opelousas, LA 70570 St. Landry Parish  
 PROJECT ID: 20231117

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#	BY	DATE	REVISION

PROJECT NUMBER: **20231117**  
 DATE: **01/17/2025**  
**P300**

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

STATE OF LOUISIANA  
 GRANT M. PARISH  
 PROFESSIONAL ENGINEER  
 01/17/2025  
 MECHANICAL ENGINEERING

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**SCHEDULE - PLUMBING FIXTURES**

MARK	DESCRIPTION	MANUFACTURER / MODEL	CONNECTION SIZE				FAUCET	FLUSH VALVE	ACCESSORIES / TRIM	MISCELLANEOUS ITEMS
			WASTE	VENT	CW	HW				
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 BACKSPASH 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-155SF. 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-B5TP		STAINLESS STEEL MOP HANGER; STAINLESS STEEL BACKSPASH; 3/8" HOSE WITH WALL HOOK	
EW-C-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-4P	FREEZE PROOF WALL HYDRANT WITH FLUSH MOUNTED WALL BOX	WOODFORD B65; JAY R SMITH 5519; MIFAB MHY-25; ZURN Z1300; JOSAM 71000							TO BE SUPPLIED WITH (2) LOOSE TEE KEYS	
3FD	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								
4FS	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								
4CO	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 CC-460-RD								

**NOTES:**

- PROVIDE STAINLESS STEEL HARDWARE (BOLTS, ETC.) FOR ATTACHING ALL PLUMBING FIXTURES.
- PROVIDE 3/8" ANGLE STOP SUPPLIES WITH LOOSE KEY STOP FOR ALL WATER CLOSETS, SINKS, LAVATORIES, WATER COOLERS, ETC.
- PROVIDE CARRIER PER THE MANUFACTURERS RECOMMENDATIONS/REQUIREMENTS FOR ALL WALL HUNG FIXTURES.
- CLEANOUTS SHALL BE THE SAME SIZE AS THE SANITARY SEWER PIPE.
- PROVIDE WATER TEMPERATURE LIMITING DEVICE CONFORMING TO ASSE 1070 TO LIMIT THE TEMPERED WATER TO A MAXIMUM OF 110°F FOR ALL LAVATORIES.
- 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.
- HOSE BIBBS:
  - 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					MANUFACTURER / MODEL
			QTY	SIMULTANEOUS	CAP EA.	CAP TOTAL	VOLTS	PH	FREQ	WEIGHT	
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:**

- COORDINATE PIPING INSTALLATION WITH THE MANUFACTURER'S RECOMMENDATIONS AND INSTALLATION INSTRUCTIONS.
- 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.
- 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.
- 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:**

- PUMP SHALL BE BRONZE OR STAINLESS STEEL CONSTRUCTION SUITABLE FOR DOMESTIC WATER USE.
- PROVIDE WITH AQUASTAT AND DIGITAL TIMER.
- 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:**

- ALL TMV's SHALL BE HIGHLOW TYPE, ASSE 1017 COMPLIANT, AND LEAD FREE.
- 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.
- 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:**

- SHELL SHALL BE FABRICATED STEEL DESIGNED AND CONSTRUCTED PER ASME SECTION VIII DIV 1.
- MAXIMUM WORKING PRESSURE OF 150 PSI AND MAXIMUM OPERATING TEMPERATURE OF 240°F.
- TANK SHALL BE MOUNTED AND SECURED TO WALL OR ON FLOOR

**SCHEDULE - NATURAL GAS FIRED EQUIPMENT & REGULATORS**

EQUIPMENT	QTY	DEMAND (CFH)		INLET PRESSURE	OUTLET PRESSURE
		EACH	TOTAL		
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:**

- 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

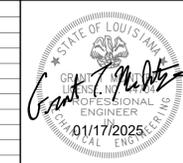
**SOUTH CITY PARK CENTER**

South City Park, 1524 Market St, Opelousas, LA 70570 St. Landry Parish  
PROJECT ID: 20231117



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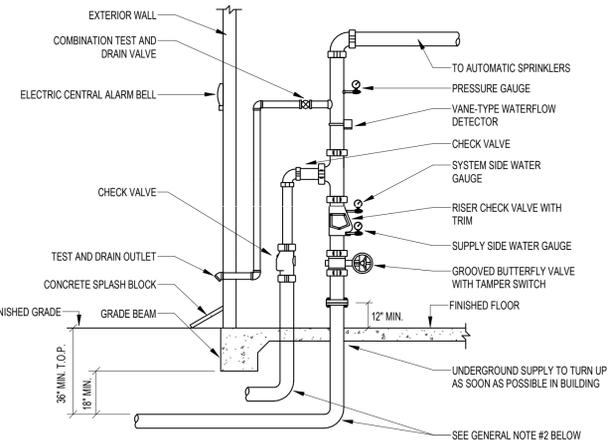
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**SPRINKLER GENERAL NOTES**

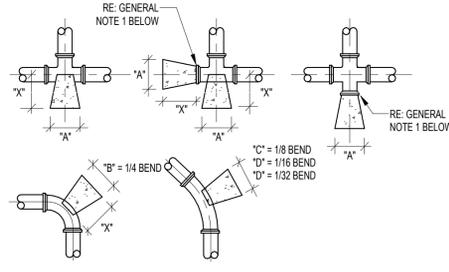
- ALL WORK BY CONTRACTORS SHALL CONFORM TO ALL APPLICABLE NFPA, FEDERAL, STATE AND LOCAL BUILDING CODES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING SPRINKLER SYSTEM WITH LIGHTS, DUCT, HVAC EQUIPMENT, STRUCTURAL SYSTEMS, WALLS, MILLWORK, ETC. TO ENSURE NO INTERFERENCES OCCUR. MAKE ALL REQUIRED OFFSETS AS REQUIRED TO ENSURE REQUIRED CLEARANCE FROM ADJACENT WORK.
- 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.
- 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.
- CONTRACTOR SHALL PROVIDE ALL MATERIAL & EQUIPMENT FOR COMPLETE & PROPERLY OPERATING SYSTEM. PROVIDE ALL TESTING, PRESSURE GAUGES, SUPPORTS, HANGERS, DRAIN LINES, ETC.
- COORDINATE SPRINKLER HEADS WITH ARCHITECTURAL REFLECTED CEILING PLANS, LIGHTING, AIR DEVICES & OTHER CEILING ITEMS.
- 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.
- 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 MARSHAL.
- 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.
- REFER TO ARCHITECTURAL DRAWINGS FOR CEILING HEIGHTS & COORDINATE & PROVIDE ALL OFFSETS.
- PROVIDE PERMANENT MOUNTED METAL IDENTIFICATION LABELS WITH "TEST VALVE" AT ALL INSPECTOR TEST TEES THAT ARE REQUIRED FOR THE SYSTEMS IN ACCORDANCE WITH NFPA 13.
- 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.
- ALL SPRINKLER HEADS LOCATED IN CEILING TILES SHALL BE INSTALLED IN CENTER OF TILES.
- 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.
- PROVIDE UPRIGHT SPRINKLER HEAD BELOW LOWEST STAIR LANDING.
- PROVIDE PERMANENT MOUNTED METAL IDENTIFICATION LABELS FOR ALL FIRE DEPARTMENT CONNECTIONS IN ACCORDANCE WITH APPLICABLE NFPA & LOCAL BUILDING CODES & AHJ.
  - LABEL SHALL BE VISIBLE 7' RECOGNIZABLE FROM STREET OR NEAREST POINT OF FIRE DEPARTMENT APPARATUS ACCESSIBILITY OR ON STREET SIDE OF BUILDING.
  - SIGN SHALL HAVE LETTERS MINIMUM 1" IN HEIGHT.
  - SIGN SHALL INDICATE "STANDPIPE" & WHETHER SYSTEM IS MANUAL & EITHER WET OR DRY TYPE SYSTEM.
  - WHERE AUTOMATIC SPRINKLERS ARE SUPPLIED BY FDC, THE SIGN OR COMBINATION OF SIGNS SHALL INCLUDE DESIGNATED SERVICES, E.G. "STANDPIPE AND AUTOSPKR".
  - 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.
  - WHERE A FDC SERVES MULTIPLE BUILDINGS, STRUCTURES OR LOCATIONS, THE SIGN SHALL INDICATE THE BUILDING, STRUCTURE OR LOCATION SERVED.
  - WHERE MULTIPLE FDC SERVE DIFFERENT PORTIONS OF BUILDING, THE SIGN SHALL INDICATE PORTION OF BUILDING SERVED, E.G. "1ST FLOOR NORTH".
  - FDC SHALL NOT BE LOCATED LESS THAN 18" OR GREATER THAN 48" ABOVE ADJOINING SURFACE GRADE.
  - SIGNS SHALL BE SECURED TO A DEVICE OR BUILDING WALL WITH CORROSION RESISTANT CHAINS OR FASTENERS.



- GENERAL NOTES:**
- 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.
  - 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 C300 PVC & DUCTILE IRON PIPE. REFER TO CIVIL ENGINEERING DRAWINGS & SPECIFICATIONS FOR SITE PIPING MATERIAL) & OUTLET PIPING WITH STANDARD GROOVED END CONNECTION (AWWA C606) 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.

- HYDRAULIC DESIGN INFORMATION SIGN:
  - 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.
  - SIGN SHALL INCLUDE:
    - LOCATION OF TWO HYDRAULICALLY MOST REMOTE HOSE CONNECTIONS.
    - DESIGN FLOW RATE FOR CONNECTION.
    - DESIGN RESIDUAL INLET & OUTLET PRESSURE FOR CONNECTIONS.
    - DESIGN STATIC PRESSURE & STEM DAMAN AT SYSTEM CONTROL VALVE.
- 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.
- 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.
- PAINT ALL EXPOSED SPRINKLER PIPING, SUPPORTS, ETC. COORDINATE WITH ARCHITECT FOR COLOR.
- 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.
- PROVIDE THRUST BLOCKS AT ALL SUBSURFACE SPRINKLER PIPING TURNS.
- SEAL PIPE PENETRATIONS THROUGH FIRE & SMOKE RATED WALLS & FLOORS WITH APPROVED FIRE RESISTANT MATERIAL. PROVIDE CHROME ESCUTCHEON PLATES AT ALL EXPOSED PIPE PENETRATIONS.
- COORDINATE WITH GENERAL CONTRACTOR & ARCHITECT FOR PAINTING OF SPRINKLER PIPING & HANGERS THAT ARE EXPOSED TO VIEW.
- SPRINKLER PIPING DRAIN PIPING SHALL BE SCHEDULE 40 GALVANIZED STEEL WITH SCREWED GALVANIZED MALLEABLE IRON FITTINGS.
- PROVIDE AMES 8" BUILDING RISER SERIES IBR, CORROSION RESISTANT 304 STAINLESS STEEL, UL/FM APPROVED, NFPA 24 COMPLIANT, AWWA C300 INLET/OUTLET COORDINATE WITH PLUMBING CONTRACTOR ON SITE PIPING, AWWA C606 INLET) AT SPRINKLER RISER PIPING.
- ALL SHUT OFF VALVES IN SPRINKLER, STANDPIPE, COMBINED SYSTEM SHALL BE APPROVED INDICATING TYPE.
- SPRINKLERS & EXPOSED SPRINKLER PIPING SHALL BE INSTALLED SYMMETRICAL IN RELATION TO BUILDING COMPONENTS.
- PROVIDE ADDITIONAL SPRINKLER HEADS & PIPING AS REQUIRED TO COORDINATE THE WORK OF OTHER TRADES IN THE FIELD.
- LOCATE REMOTE MOUNTED FIRE DEPARTMENT CONNECTION ON SITE. COORDINATE WITH ARCHITECT, GENERAL CONTRACTOR, CIVIL ENGINEER & MECHANICAL ENGINEER PRIOR TO ROUGH IN.
- PROVIDE SPRINKLER CABINET WITH SPARE SPRINKLERS IN THE SPRINKLER RISER ROOM.
- PROVIDE OWNER WITH A COPY OF NFPA 25: STANDARD FOR INSPECTION, TESTING, AND MAINTENANCE OF WATER BASED FIRE PROTECTION SYSTEMS.
- 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.
- PROVIDE AIR RELEASE VALVE AT HIGHEST POINT OF EACH SYSTEM.
- SPRINKLERS LOCATED IN ELEVATOR SHAFTS OR ELEVATOR MACHINE ROOMS SHALL BE 200°F STANDARD RESPONSE IN ACCORDANCE WITH ANSI A17.1.
- SPRINKLER PIPING SHOWN IN DIAGRAMMATIC. COORDINATE EXACT PIPE ROUTING. SPRINKLER SYSTEM FLOOR CONTROL VALVE ASSEMBLIES SHALL BE INSTALLED IN STAIR ENCLOSURES.
- PROVIDE FIRE LOOP MANUFACTURED BY METRAFLEX OR APPROVED EQUAL WHERE FIRE PROTECTION PIPING CROSSES EXPANSION JOINTS.
- 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.
- PROVIDE LISTED RISER CLAMP & PIPE SLEEVE WITH FIREPROOF & WATERPROOF PACKING BETWEEN SLEEVE & PIPE AT ALL SPRINKLER PIPING PENETRATIONS THRU FLOORS.
- COORDINATE REQUIRED STAIR CLEARANCE FOR STANDPIPES & HOSE VALVES/STATIONS WITH ARCHITECT PRIOR TO ROUGH IN.



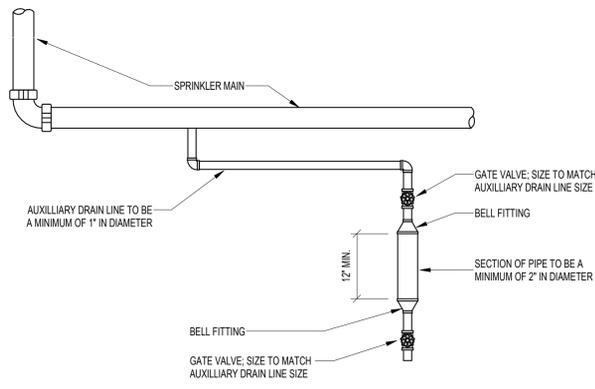
PIPE SIZE	18\"/>				
6"	1'-3"	2'-0"	1'-6"	1'-0"	1'-0"
8"	1'-3"	2'-4"	1'-10"	1'-3"	1'-3"
10"	1'-3"	2'-4"	1'-10"	1'-3"	1'-3"

- GENERAL NOTES:**
- CONCRETE BLOCK SHALL BEAR AGAINST PLUG OR BLIND FLANGE ONLY AND SHALL NOT ENCASE TEE OR CROSS.
  - 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.

**SPRINKLER SPECIFICATIONS**

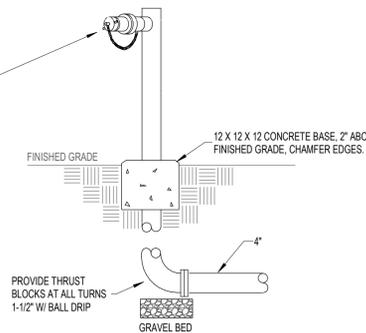
- SPRINKLER PIPING:**
- UNDERGROUND PIPING:**
    - UNDERGROUND PIPING SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 24 PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES. PROVIDE CONCRETE THRUST BLOCKS AT EACH CHANGE OF DIRECTION & ALL TEES, PLUGS, & CAPS.
    - PROVIDE BRIGHTLY COLORED, METALLIC CORE, NON-DETERIORATING, MINIMUM 2" WIDE IDENTIFICATION RIBBON TAPE SET 24" BELOW FINISHED GRADE, DIRECTLY ABOVE PIPING. INSTALL TRACERS & WIRES ON ALL NON METALLIC PIPING.
    - ALL UNDERGROUND PIPING SHALL BE INSTALLED MINIMUM 36" BELOW GRADE.
    - PIPING:
      - DUCTILE IRON PIPE, AWWA C 106 WITH FITTINGS COMPLYING WITH AWWA C110 & RUBER GASKETS COMPLYING WITH AWWA C111 OR POLYETHYLENE GLYCOL (PE) 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 C300 INLET/OUTLET 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).
  - INTERIOR SPRINKLER PIPING:**
    - PIPING 4" AND SMALLER:
      - SCHEDULE 40 BLACK STEEL PIPE WITH APPROVED DUCTILE IRON OR MALLEABLE IRON THREADED OR GROOVED FITTINGS.
    - PIPING 6" AND LARGER:
      - SCHEDULE 10 BLACK STEEL PIPE WITH LISTED DUCTILE FITTINGS.
      - PIPING MAY BE JOINED BY APPROVED WELDING METHODS WITH LISTED FITTINGS.
      - MECHANICAL TEES SHALL NOT BE ALLOWED.
  - SPRINKLER HEADS:**
    - TEMPERATURE RATING ON FUSIBLE LINKS SHALL BE AS REQUIRED FOR SPECIFIC HAZARD AREA WITH MINIMUM MARGIN OF SAFETY 50°F.
    - ALL SPRINKLER HEADS SHALL BE UNDERWRITERS LABORATORIES & FACTORY MUTUAL LABELED.
    - ALL SPRINKLER HEADS SHALL BE QUICK RESPONSE TYPE EXCEPT AT ELEVATOR PIT & ELEVATOR MACHINE ROOM.
    - ELEVATOR PIT & MACHINE ROOM SPRINKLERS:
      - SHALL BE INTERMEDIATE TEMPERATURE, STANDARD RESPONSE IN COMPLIANCE WITH ANSI A17.1.
    - SPRINKLER HEADS INSTALLED IN SUSPENDED FINISHED CEILING & UNDER SOLID/GYPSUM BOARD FINISHED CEILINGS:
      - FULLY RECESSED TYPE WITH COVER PLATE.
      - FIGURE IN BID CUSTOM COLOR COVER PLATES. PROVIDE WHITE COVER PLATES UNLESS DIRECTED/SPECIFIED OTHERWISE BY ARCHITECT DURING SUBMITTAL REVIEW.
      - EXTENDED COVERAGE SPRINKLER HEADS SHALL BE ALLOWED BASED ON APPROVAL OF AESTHETICS OF SPRINKLER HEAD BY ARCHITECT/TOWNER.
  - EXPOSED AREAS:**
    - STANDARD UPRIGHT TYPE WITH CHROME FINISH.
    - FINISH MAY BE BRASS WHERE LOCATED IN MECHANICAL ROOMS, JANITOR'S CLOSETS, ETC.
    - 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.
  - SIDEWALL APPLICATIONS:**
    - PROVIDE WITH SIDEWALL TYPE WITH CHROME PLATED FINISH & ESCUTCHEON PLATES.
  - DRY PIPE SPRINKLER HEADS:**
    - CLOSED, AUTOMATIC TYPE WITH SPRAY DEFLECTOR, FUSIBLE LINK & WHITE FINISH (UNLESS DIRECTED OTHERWISE BY ARCHITECT DURING SUBMITTAL REVIEW).
    - ALL PROCES SHALL BE PROTECTED WITH DRY TYPE SIDEWALL SPRINKLER HEADS.



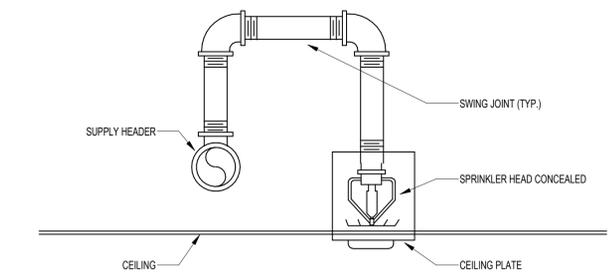
**3 DETAIL - LOW POINT AUXILIARY DRAIN**  
N.T.S.

- CHROME PLATED PEDESTAL SIAMSESE 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:**
- QUANTITY OF 2-1/2" HOSE VALVE CONNECTIONS:
    - PROVIDE NUMBER OF FIRE DEPARTMENT 2-1/2" HOSE CONNECTIONS AS REQUIRED BY NFPA 13.
    - PROVIDE ONE OR MORE FIRE DEPARTMENT CONNECTIONS (FDCs) FOR EACH ZONE OF EACH CLASS I OR CLASS III STAMPPIPE SYSTEMS.
    - A MINIMUM OF ONE FDC SHALL BE REQUIRED FOR ANY STANDPIPE SYSTEM.
    - 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:
      - HIGH-RISE BUILDINGS.
      - BUILDINGS OR MULTIPLE ATTACHED BUILDINGS EXCEEDING 900' PERIMETER DISTANCE.
      - FDC SHALL BE VISIBLE & RECOGNIZABLE & LOCATED WITHIN 50' OF THE STREET OR NEAREST POINT OF FIRE DEPARTMENT APPARATUS ACCESS.
      - FDC SIZES SHALL BE BASED ON STANDPIPE SYSTEM DEMAND & SHALL INCLUDE ONE 2-1/2" INLET PER 250 GPM.
  - PROVIDE PERMANENT SIGNS AT EACH FDC LABELED & INSTALLED IN ACCORDANCE WITH NFPA 13 & NFPA 14.
  - FDC SHALL BE LOCATED MINIMUM 18" & MAXIMUM 48" ABOVE ADJOINING GRADE FINISHED SURFACE ELEVATION.
  - FDC ABOVE GRADE SHALL BE ONE SINGLE UNIT. GALVANIZED PIPE STUBBED UP ABOVE GRADE WITH CHROME PLATED "HEAD" SHALL NOT BE ACCEPTABLE.
  - COAT PIPING IN CONTACT WITH CONCRETE WITH TWO LAYERS OF MASTIC (NOT VISIBLE ABOVE CONCRETE PAD).



**4 DETAIL - INSPECTOR'S TEST VALVE**  
N.T.S.

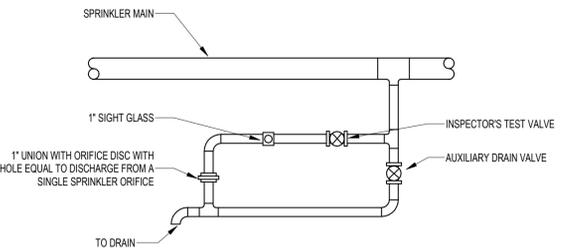


**5 DETAIL - CONCEALED SPRINKLER HEAD**  
N.T.S.

**6 DETAIL - UPRIGHT SPRINKLER HEAD**  
N.T.S.

**7 DETAIL - PEDESTAL MOUNTED FIRE DEPARTMENT CONNECTION**  
1/8" = 1'-0"

- SUPERVISORY & TAMPER SWITCHES:**
  - 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 LABELED & FM APPROVED.
  - ALL VALVES SHALL HAVE TAMPER SWITCHES.
  - ALL BUTTERFLY & BALL VALVES SHALL HAVE INTEGRAL NORMALLY OPEN & NORMALLY CLOSED CONTACTS.
  - OS&Y VALVES SHALL HAVE ROLLER TANGENT TYPE SWITCH, PLUNGER TYPE TAMPER SWITCHES NOT ACCEPTABLE.
- TAMPER SWITCHES:**
- VALVE TAGS:**
  - BRASS PLATE, INTEGRAL LEGIBLE 1/4" HIGH DIE STAMPED IDENTIFICATION.
  - OBSTRUCTION LOOPED THRU TAG & VALVE WHEEL FOR EACH VALVE.
- SIAMSESE FIRE DEPARTMENT CONNECTION:**
  - PROVIDE WALL AND/OR REMOTE MOUNTED SIAMSESE 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 THREADS. FDC SHALL BE SUFFICIENT TO PROVIDE FLOW REQUIRED BY SPRINKLER SYSTEM DESIGN.
- AIR SUPPLY SYSTEM:**
  - PROVIDE AIR COMPRESSED AIR SUPPLY SYSTEM FOR DRY PIPE SPRINKLER SYSTEM.
  - 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.
  - 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.
  - 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, HAZARD PREVENTER, BELT GUARD & CONTROL SYSTEMS CAPABLE OF REQUIRED FREE AIR DELIVERY FROM 0 TO 40 PSIG WITH 30 MINUTES OF START.
- GENERAL & INSTALLATION:**
  - HIGH POINTS OF SYSTEM SHALL BE VENTED & LOW POINTS SHALL BE PROVIDED WITH PLUGGED DRAINS.
  - DIELECTRIC JOINTS SHALL BE INSTALLED AT PIPE JOINTS WITH DISMILAR METALS EXCEPT VALVES.
  - PIPE SLEEVES & ESCUTCHEON PLATES SHALL BE PROVIDED WHERE METALS PASS THROUGH MASONRY OR CONCRETE WALLS, ROOFS, PARTITIONS.
  - PIPE HANGERS SHALL BE PROVIDED WITH ROD DIAMETERS & SPACING IN ACCORDANCE WITH NFPA 13.
  - ALL EXPOSED PIPING SHALL BE PAINTED RED.
  - LABEL FIRE SPRINKLER PIPING EVERY 20' WITH PIPE LABEL.
  - INSTALL PIPING IN ACCORDANCE WITH NFPA 13 FOR SPRINKLER SYSTEMS, NFPA 14 FOR STANDPIPE & HOSE SYSTEMS & NFPA 24 FOR SERVICE MAINS.
  - 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. STOP PIPING AND ARRANGE SYSTEMS TO DRAIN AT LOW POINTS. PREPARE PIPING, FITTINGS, SUPPORTS & HANGERS FOR FINISH PAINTING.
  - DO NOT PENETRATE BUILDING STRUCTURAL MEMBERS WITHOUT APPROVAL FROM STRUCTURAL ENGINEER.
  - INSTALL VALVES WITH STEMS UPRIGHT OR HORIZONTAL, NOT INVERTED.
  - PROVIDE GATE, BALL OR BUTTERFLY VALVES FOR SHUT OFF & ISOLATING SERVICE.
  - PROVIDE DRAIN VALVES AT MAIN SHUT OFF VALVES, LOW POINTS OF PIPING & APPARATUS.
  - PROVIDE SPRINKLER HEAD CABINET & EXTRA STOCK OF SPRINKLER HEADS & TOOLS AS REQUIRED BY NFPA 13.
  - PROVIDE ALL REQUIRED HANGERS, SUPPORTS, ANCHORS, THRUST BLOCKS, ETC. IN ACCORDANCE WITH NFPA 13 & BUILDING CODES.
  - PROVIDE PRESSURE GAUGES UPSTREAM & DOWNSTREAM OF RISER CHECK VALVES.
- SYSTEM TESTING & FLUSHING:**
  - TESTING, CLEANING & FLUSHING SHALL BE IN ACCORDANCE WITH NFPA REQUIREMENTS.
  - INSTALLING CONTRACTOR SHALL COMPLETE & SIGN APPROPRIATE CONTRACT'S MATERIAL & TEST CERTIFICATES INCLUDED WITHIN NFPA 13 & 14.
  - SYSTEM SHALL BE TESTED AT MINIMUM 200 PSI FOR 2 HOURS.
- TRAINING:**
  - CONTRACTOR SHALL PROVIDE TRAINING BY A COMPETENT, QUALIFIED, TRAINED & EXPERIENCED AGENT TO TRAIN & ACQUAINT THE OWNER WITH PROPER FUNCTIONING, OPERATION & MAINTENANCE OF THE FIRE PROTECTION SYSTEMS & COMPONENTS.
  - TESTING & TRAINING IN ACCORDANCE WITH NFPA 25.
- SUBMITTALS:**
  - PROVIDE DRAIN PIPING TO DISCHARGE AT SAFE POINT OUTSIDE OF BUILDING. PROVIDE AUXILIARY DRAINS AS REQUIRED BY NFPA 13.
  - FLOW SWITCHES:
    - 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.
    - PROVIDE AT EACH RISER CONNECTION & EACH FLOOR CONTROL ASSEMBLY TOGETHER WITH AN INSPECTOR'S TEST CONNECTION.



**100% CONSTRUCTION DOCUMENTS**  
**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



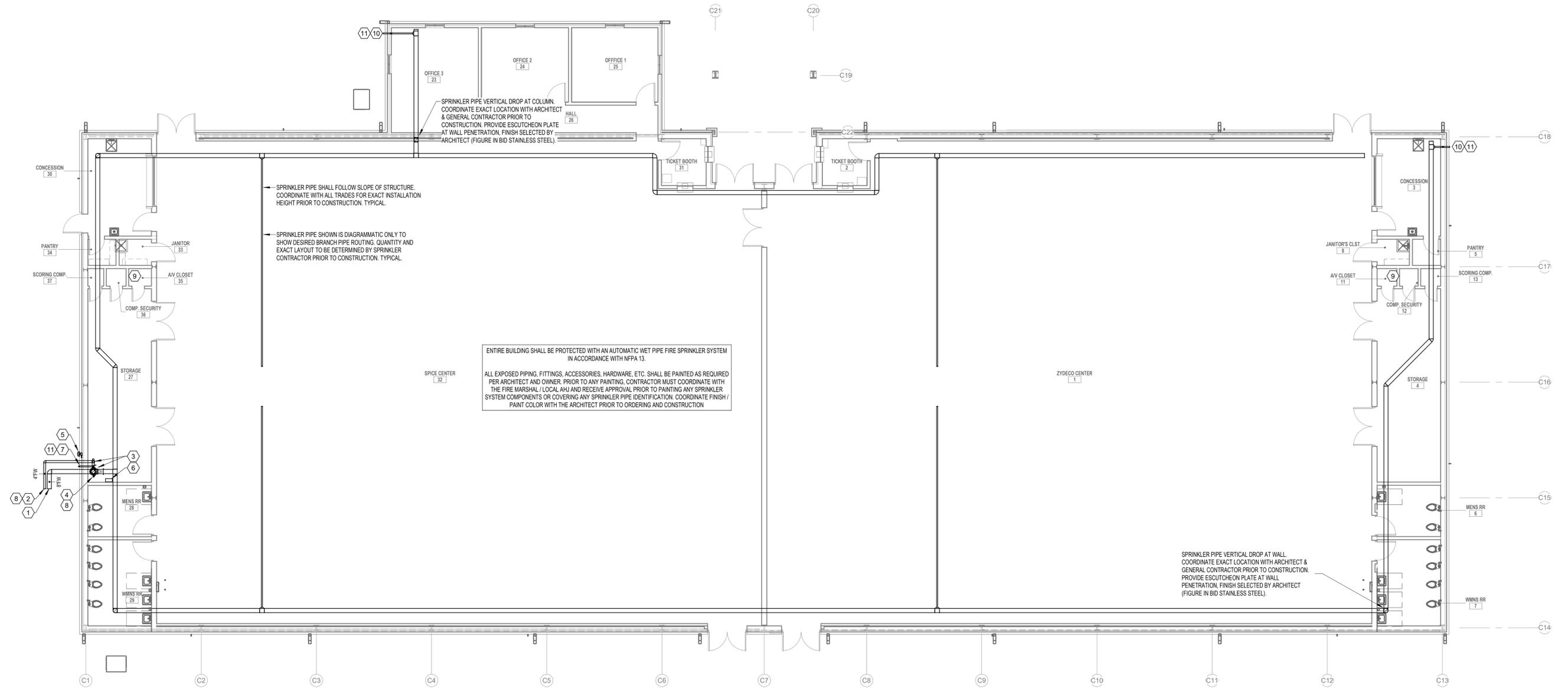
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#	BY	DATE	REVISION	PROJECT NUMBER:
				<b>20231117</b>
				DATE:
				01/17/2025
				<b>S001</b>



7600 Innovation Park Drive  
Baton Rouge, LA 70820 parisheng.com | #24-1022  
225.332.0222





**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). DODA BFP SHALL BE WATTS MODEL 757DODA 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 C2000) 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.

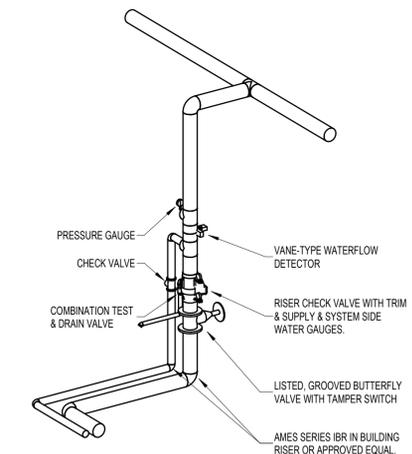
- 4 WET PIPE SPRINKLER RISER, REFER TO DETAILS.
- 5 ALARM BELL. PROVIDE STROBE LIGHT WHERE REQUIRED BY AHJ. COORDINATE EXACT LOCATION WITH LOCAL FIRE DEPARTMENT, ARCHITECT & GENERAL CONTRACTOR PRIOR TO INSTALLATION.
- 6 PROVIDE CABINET FOR EXTRA SPRINKLER HEADS & SUITABLE WRENCH AS PER NFPA.
- 7 TEST & 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.

ENTIRE BUILDING SHALL BE PROTECTED WITH AN AUTOMATIC WET PIPE FIRE SPRINKLER SYSTEM IN ACCORDANCE WITH NFPA 13.

ALL EXPOSED PIPING, FITTINGS, ACCESSORIES, HARDWARE, ETC. SHALL BE PAINTED AS REQUIRED PER ARCHITECT AND OWNER. PRIOR TO ANY PAINTING, CONTRACTOR MUST COORDINATE WITH THE FIRE MARSHAL / LOCAL AHJ AND RECEIVE APPROVAL PRIOR TO PAINTING ANY SPRINKLER SYSTEM COMPONENTS OR COVERING ANY SPRINKLER PIPE IDENTIFICATION. COORDINATE FINISH / PAINT COLOR WITH THE ARCHITECT PRIOR TO ORDERING AND CONSTRUCTION



**2 3D RENDERING - SPRINKLER RISER**

**100% CONSTRUCTION DOCUMENTS**

**SPRINKLER PLAN**

CITY OF OPELOUSAS  
**SOUTH CITY PARK CENTER**  
 South City Park, 1524 Market St. Opelousas, LA 70570 St. Landry Parish  
 PROJECT ID: 20231117



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#	BY	DATE	REVISION

PROJECT NUMBER:  
**20231117**  
 DATE:  
01/17/2025  
**S100**



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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 BACKSPASH)	CB	CIRCUIT BREAKER	EGC	EQUIPMENT GROUNDING CONDUCTOR	G, GND	GROUND	MCMIKCMIL	1,000 CIRCULAR MILS	NU	WEATHERPROOF IN-USE COVER	SIN	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	UNDERWRITERS LABORATORY, INC.
AFCI	ARC FAULT CIRCUIT INTERRUPTER	CLG	CIRCUIT	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	MOC	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	REQD	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**

	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.
	GENERATOR REMOTE ANNUNCIATOR PANEL; PROVIDE CONDUIT/CABLING TO GENERATOR AS REQUIRED PER THE MANUFACTURER'S SPECIFICATIONS.

**EQUIPMENT CONNECTIONS**

	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
	JUNCTION BOX
	JUNCTION BOX FOR MOTORIZED DAMPER
	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**

	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 BACKSPASH OR 44" (WHICHEVER IS LOWER)
	GFCI DUPLEX RECEPTACLE
	ABOVE-COUNTER GFCI DUPLEX RECEPTACLE; MOUNT AT 6" ABOVE COUNTER OR BACKSPASH OR 44" (WHICHEVER IS LOWER)
	QUADRAPLEX RECEPTACLE
	ABOVE-COUNTER QUADRAPLEX RECEPTACLE; MOUNT AT 6" ABOVE COUNTER OR BACKSPASH 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**

	PA SYSTEM SPEAKER
	PA SYSTEM SPEAKER VOLUME CONTROL
	PA SYSTEM SPEAKER MOUNT CALL-IN SWITCH

**TELECOMMUNICATIONS**

	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" 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" 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" 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" TO AN ACCESSIBLE LOCATION ABOVE CEILING, ONE (1) BLUE CAT 6 CABLE FROM THE OUTLET TO THE TELECOM TERMINAL BOARD
	WIRELESS ACCESS POINT (BY OWNER); PROVIDE 1" TO AN ACCESSIBLE LOCATION ABOVE CEILING, ONE (1) BLUE CAT 6 CABLE FROM THE ACCESS POINT LOCATION TO THE TELECOM TERMINAL BOARD
	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" TO TWO (2) BLUE CAT 6 CABLES AND 1" TO ONE (1) CATV CABLE FROM THE BOX TO THE TELECOM TERMINAL BOARD; PROVIDE CONDUIT AND WIRE FOR POWER PER THE PANEL SCHEDULE.
	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" 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**

	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
	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.
	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
	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
	CEILING MOUNTED OCCUPANCY SENSOR, AS ABOVE, CONFIGURED FOR VACANCY OPERATION
	PHOTOELECTRIC CELL, EXTERIOR RATED; AIM AND SHIELD SENSOR FROM INTERIOR AND EXTERIOR ARTIFICIAL LIGHT SOURCES
	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 0 - WALL MOUNTED OCCUPANCY SENSOR 30 - THREE-WAY SWITCH WITH OCCUPANCY SENSOR a,b,c, etc. - SWITCH ID

**FIRE ALARM**

	FIRE ALARM CONTROL PANEL
	FIRE ALARM SYSTEM PULL STATION
	FIRE ALARM SYSTEM STROBE
	FIRE ALARM SYSTEM CHIME/STROBE
	FIRE ALARM SYSTEM HORN/STROBE
	FIRE ALARM SYSTEM SPEAKER/STROBE
	FIRE ALARM SYSTEM CEILING MOUNT STROBE
	FIRE ALARM SYSTEM CEILING MOUNT CHIME/STROBE
	FIRE ALARM SYSTEM CEILING MOUNT HORN/STROBE
	FIRE ALARM SYSTEM CEILING MOUNT SPEAKER/STROBE
	FIRE ALARM SYSTEM CARBON MONOXIDE DETECTOR
	FIRE ALARM SYSTEM THERMAL DETECTOR
	FIRE ALARM SYSTEM DUCT SMOKE DETECTOR
	FIRE ALARM SYSTEM SMOKE DETECTOR

**SECURITY (EQUIPMENT PROVIDED BY OWNER/OTHERS)**

	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
	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
	JUNCTION BOX FOR CARD READER; PROVIDE 3/4" EC WITH PULL STRING FROM THE JUNCTION BOX TO AN ACCESSIBLE LOCATION ABOVE CEILING
	JUNCTION BOX FOR COMBO CARD READER & KEYPAD; PROVIDE 3/4" EC WITH PULL STRING FROM THE JUNCTION BOX TO AN ACCESSIBLE LOCATION ABOVE CEILING
	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
	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**

	FLOOR MOUNTED MICROPHONE OUTLET
	CEILING MOUNTED SPEAKER
	WALL MOUNTED SPEAKER

**ELECTRICAL GENERAL NOTES**

- ALL ELECTRICAL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE AS ADOPTED BY THE AHJ.
- 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.
- ROUTE NEW CONDUIT AND WIRING CONCEALED IN WALLS AND CEILING WHERE POSSIBLE. COORDINATE INSTALLATION OF EXPOSED CONDUIT AND WIRING WITH THE ARCHITECT.
- 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.
- 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.
- CONTRACTOR IS RESPONSIBLE FOR OVER-CURRENT PROTECTIVE DEVICE SHORT CIRCUIT, COORDINATION, AND ARC-FLASH STUDIES.
- 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.
- 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.
- 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.
- 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.
- 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.
- OMISSION FROM THIS SHEET OF ANY ITEM SHOWN ELSEWHERE IN THE PLANS DOES NOT RELIEVE THE CONTRACTOR FROM THE RESPONSIBILITY FOR ANY ASSOCIATED WORK.
- 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.
- COORDINATE ALL ASPECTS OF NEW SERVICE WITH UTILITY COMPANY AND INCLUDE ALL COSTS IN BID.
- WARNING TAPE SHALL BE INSTALLED 12 TO 18 INCHES BELOW GRADE OVER ALL CONDUITS.
- PROVIDE 1/4" MINIMUM DIAMETER PULL ROPE; PULL ROPE SHALL NOT BE NYLON STRING.
- FOR SERVICE ENTRANCE CONDUITS, UTILIZE LONG RADIUS (8") CONDUIT BENDS.
- ALL CONDUIT RISERS FROM UNDERGROUND SHALL HAVE RIGID METAL ELBS AND RISERS.
- PRIOR TO CONSTRUCTION, VERIFY THE LOCATION OF ALL EXISTING UNDERGROUND UTILITIES. AVOID DISTURBANCE OF EXISTING UTILITIES NOT INCLUDED IN THIS PROJECT.
- SET SCREW CONDUIT FITTINGS SHALL NOT BE PERMITTED.

**LIGHTING GENERAL NOTES**

- VERIFY THE EXACT LOCATION OF ALL LIGHTING SWITCHES WITH THE ARCHITECT PRIOR TO ROUGH-IN.
- VERIFY THE EXACT LOCATION OF ALL LIGHTING FIXTURES WITH THE ARCHITECTURAL REFLECTED CEILING PLAN PRIOR TO ROUGH-IN.
- VERIFY THE EXACT LOCATION OF CEILING MOUNTED OCCUPANCY SENSORS WITH THE MANUFACTURER'S SPECIFICATIONS PRIOR TO INSTALLATION FOR MAXIMUM PERFORMANCE.
- 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.
- WALL MOUNT TYPE "Z" FIXTURES ABOVE DOOR AS SHOWN ON DRAWINGS. COORDINATE WITH THE ARCHITECT PRIOR TO ROUGH-IN.
- MOUNT TYPE "EM" FIXTURES 8'-0" AFF UNLESS OTHERWISE NOTED.
- 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.
- 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.
- VERIFY THE EXACT MOUNTING LOCATION FOR ANY PHOTOELECTRIC CELLS WITH THE ARCHITECT PRIOR TO ROUGH-IN. ALL PHOTOELECTRIC CELLS MUST FACE NORTH.
- CONTRACTOR SHALL CONFIRM COMPATIBILITY OF ALL LIGHTING CONTROL DEVICES/SWITCHES/DIMMERS WITH LIGHTING FIXTURES AND BALLAST/DRIVERS PRIOR TO SUBMITTAL.
- COORDINATE LOCATION OF LIGHT FIXTURES IN MECHANICAL ROOMS WITH DIVISION 1523 PLANNED EQUIPMENT LOCATION AND DUCT INSTALLATION. WALL MOUNT LIGHTS OR PROVIDE PENDANT MOUNTINGS AS REQUIRED TO ILLUMINATE THE SPACE.
- 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**

- 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.
- OWNER SHALL PROVIDE THE WALL MOUNT DATA RACK, ALL ITEMS INCLUDED IN THE DATA RACK, AND ANY NECESSARY TELEPHONE EQUIPMENT.
- PLYWOOD FOR BACKBOARDS SHALL BE 0-1" AC INDOOR GRADE, FIRE RETARDANT, AND PAINTED AS SPECIFIED.
- 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.
- SUBMIT DIGITAL PHOTOGRAPHS OF ALL TERMINATIONS TO MAIN ELECTRICAL SERVICE GROUNDING MEANS.
- ALL BACKBOARDS SHALL BE EQUIPPED WITH D-RINGS SPACED AT 1'-0" APART AROUND ALL EDGES OF THE PLYWOOD TO SUPPORT CABLE AND WIRE.
- 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**

- VERIFY EXACT LOCATION, VOLTAGE, PHASE, AMPERAGE, ETC. OF ALL MECHANICAL EQUIPMENT WITH MECHANICAL CONTRACTOR PRIOR TO ORDERING ELECTRICAL GEAR.
- 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.
- INTERCONNECT THE HOOD EXTINGUISHING SYSTEM WITH THE FIRE ALARM SYSTEM IF APPLICABLE.
- FOR ALL CAMERA LOCATIONS, PROVIDE ONE (1) GREEN JACKETED CAT 6 CABLE IN 3/4" CONDUIT BACK TO ASSOCIATED DATA CLOSET.
- FOR ALL WIRELESS ACCESS POINT LOCATIONS, PROVIDE ONE (1) YELLOW JACKETED CAT 6 CABLE IN 3/4" CONDUIT BACK TO ASSOCIATED DATA CLOSET.
- 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.
- 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

**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



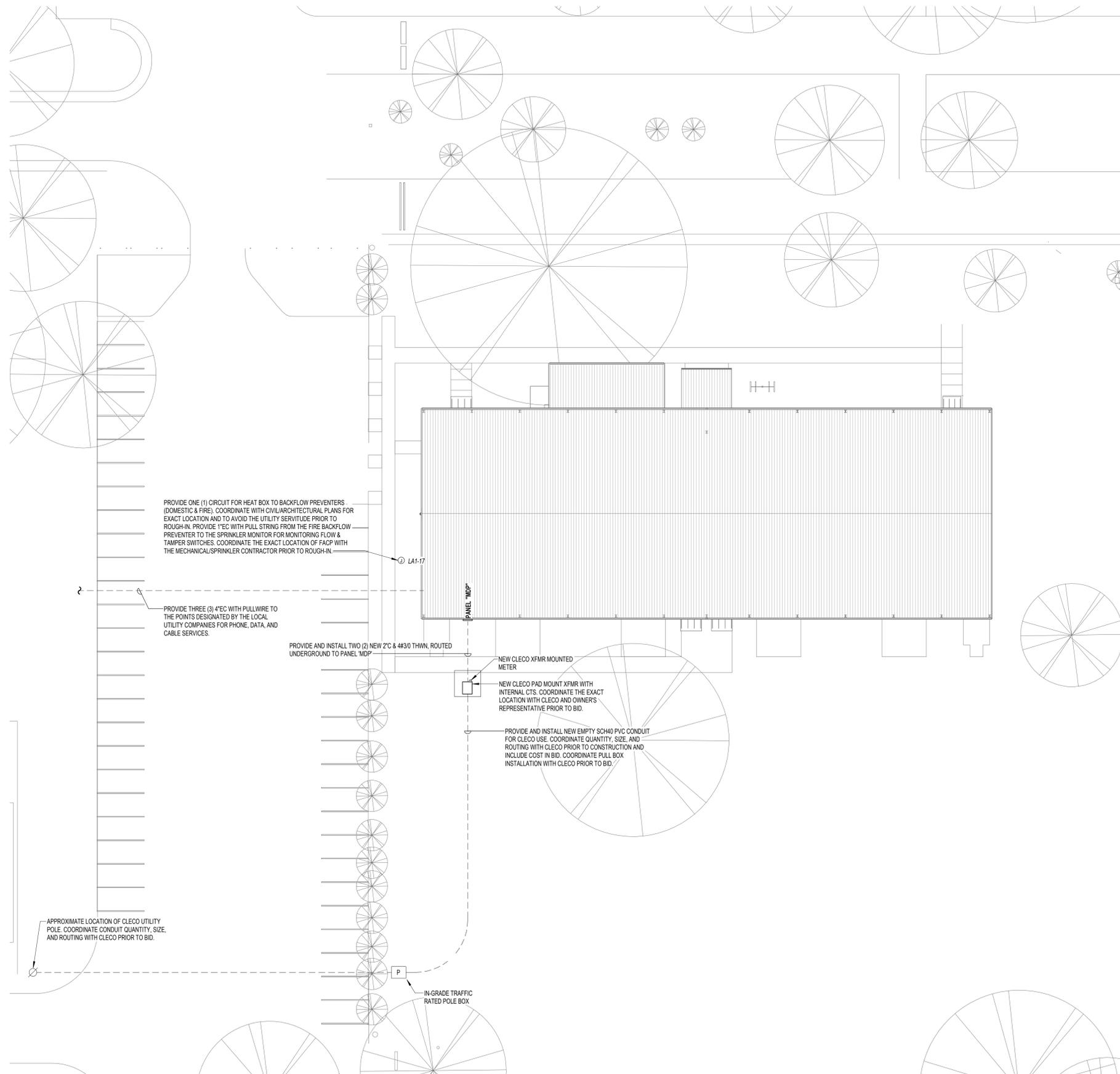
TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com  
 ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION	PROJECT NUMBER:
				<b>20231117</b>
				DATE:
				01/17/2025
				<b>E001</b>



7600 Innovation Park Drive 225.332.0222  
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**1 SITE PLAN**  
1" = 20'-0"



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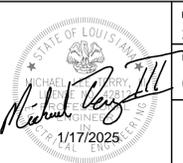
**100% CONSTRUCTION DOCUMENTS**  
**ELECTRICAL SITE PLAN**

CITY OF OPELOUSAS  
**SOUTH CITY PARK CENTER**  
South City Park, 1524 Market St. Opelousas, LA 70570 St. Landry Parish  
PROJECT ID: 20231117



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#	BY	DATE	REVISION

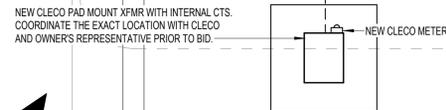
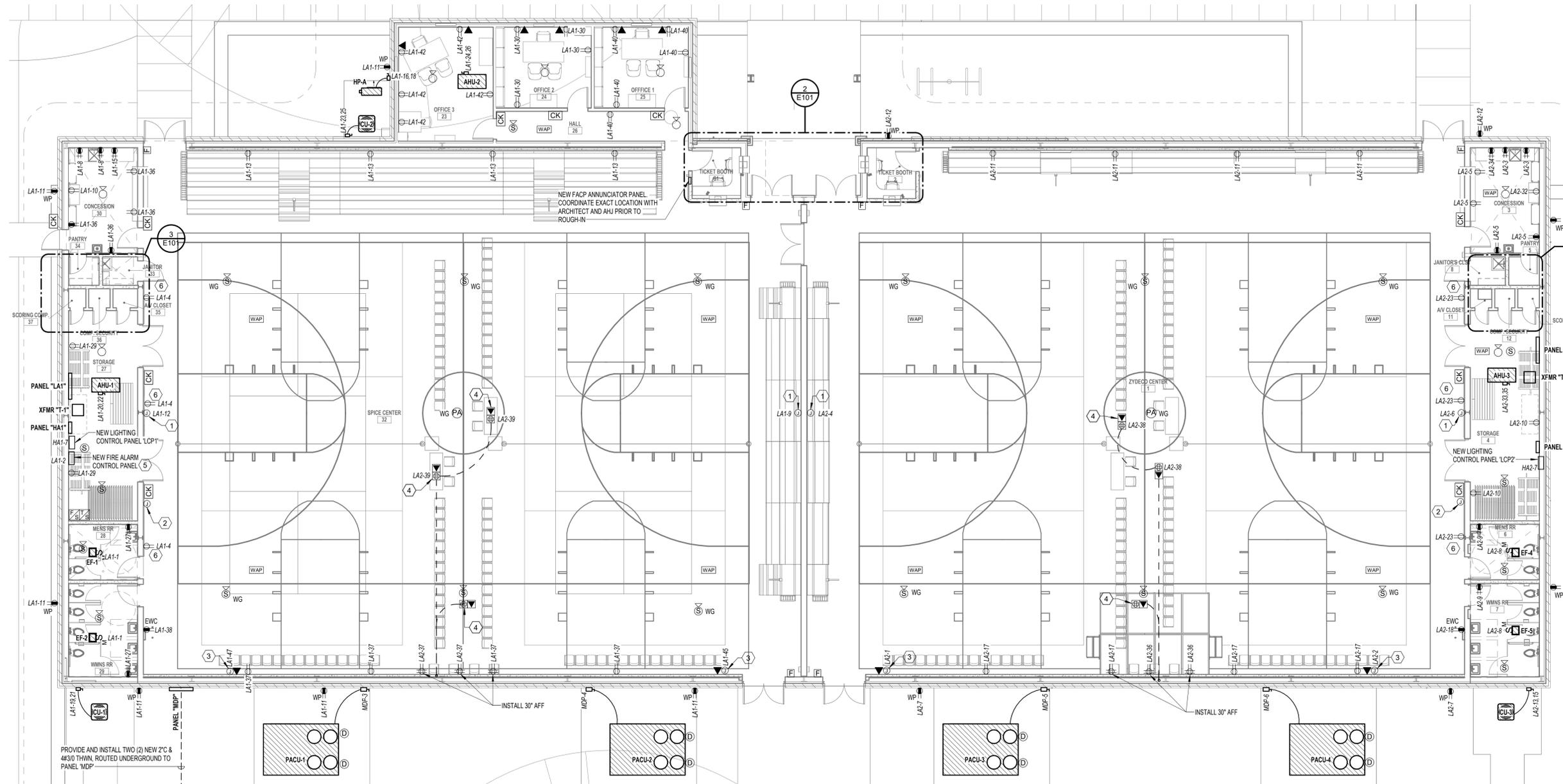


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**20231117**  
DATE:  
01/17/2025  
**E100**

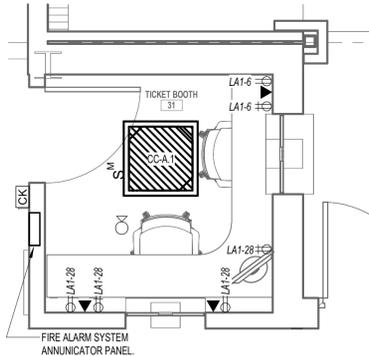
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**ELECTRICAL KEYNOTES:**

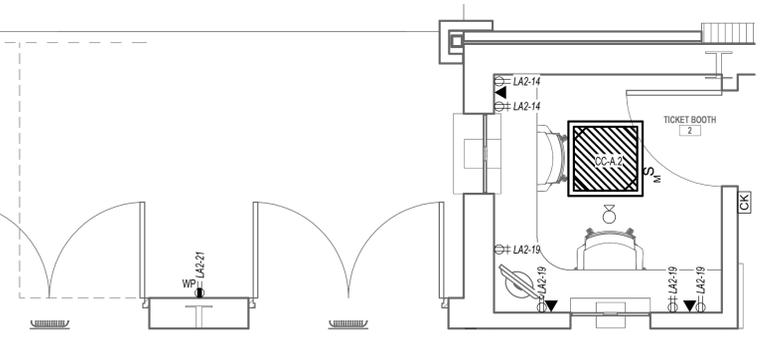
- 1 LOCATE AS REQUIRED FOR GOAL WINCH MOTOR. PROVIDE LOCAL MEANS OF DISCONNECT.
- 2 PROVIDE AND INSTALL NEW MULTIPLE KEY SWITCH GANG PLATE FOR GOAL WINCH CONTROLS (DRAFER C112.140 SIX GANG GYM EQUIPMENT KEY SWITCH OR PRIOR APPROVED EQUAL). CONTRACTOR SHALL PROVIDE AND INSTALL CONTROL CABLING TO EACH 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 COVER/PLATE 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.



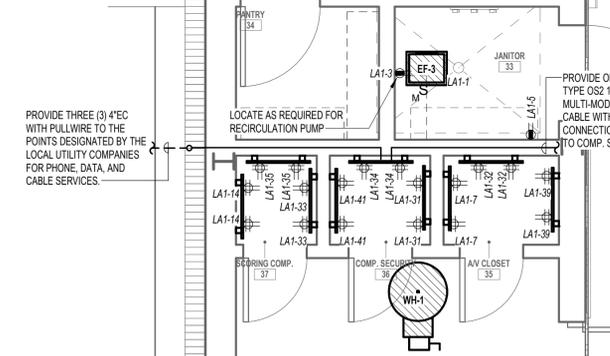
**1 ELECTRICAL POWER PLAN**  
1/8" = 1'-0"



**2 ENLARGED POWER PLAN - FRONT ENTRANCE**  
3/8" = 1'-0"



**3 ENLARGED POWER PLAN - PLAN WEST CLOSETS**  
3/8" = 1'-0"



**4 ENLARGED POWER PLAN - PLAN EAST CLOSETS**  
3/8" = 1'-0"



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**100% CONSTRUCTION DOCUMENTS**

**POWER PLAN**

CITY OF OPELOUSAS  
**SOUTH CITY PARK CENTER**  
South City Park, 1524 Market St. Opelousas, LA 70750  
St. Landry Parish  
PROJECT ID: 20231117



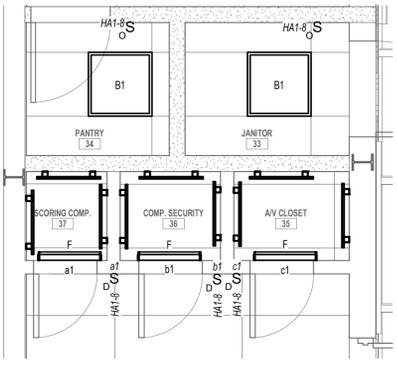
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				<b>20231117</b>
				DATE:
				01/17/2025
				<b>E101</b>

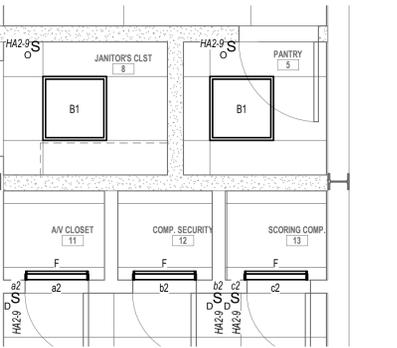




1 LIGHTING PLAN  
1/8" = 1'-0"  
NORTH



2 NORTH CLOSET LIGHTING  
3/8" = 1'-0"  
NORTH



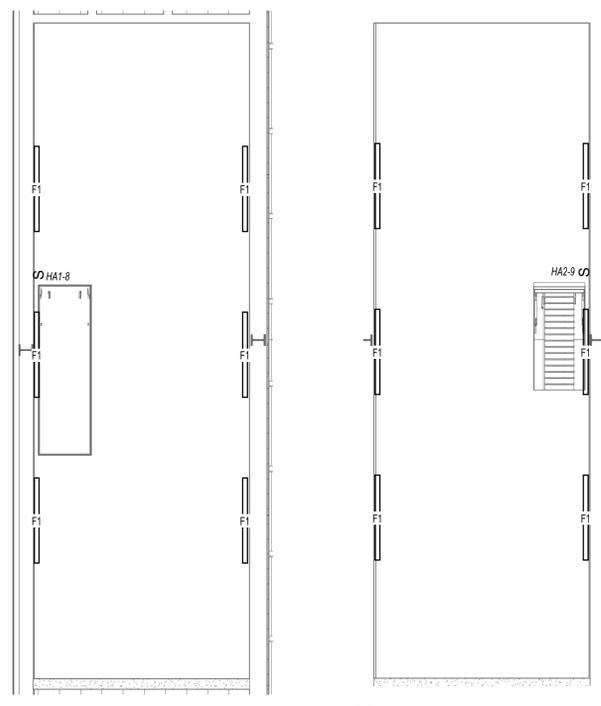
3 SOUTH CLOSET LIGHTING  
3/8" = 1'-0"  
NORTH

PROVIDE AND INSTALL PHOTOCELL FOR EXTERIOR LIGHTING CONTROLS. PHOTOCELL SHALL BE MOUNTED ON THE NORTH SIDE OF THE BUILDING AT THE HIGHEST AVAILABLE POINT. COORDINATE EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN. (TYP. FOR 2)

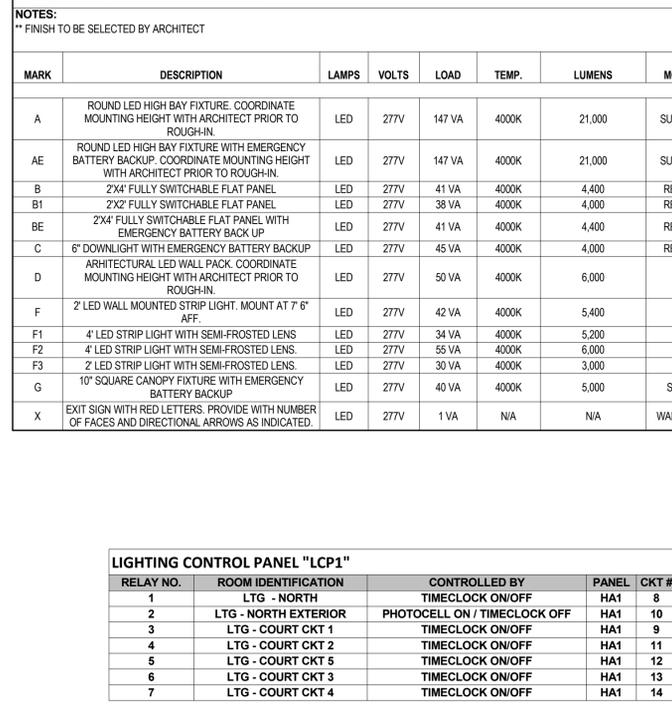
**SCHEDULE - LIGHTING FIXTURES**

NOTES:  
\*\* FINISH TO BE SELECTED BY ARCHITECT

MARK	DESCRIPTION	LAMPS	VOLTS	LOAD	TEMP.	LUMENS	MOUNTING	BASIS OF DESIGN		ACCEPTABLE ALTERNATIVE		COUNT
								MANUFACTURER	CATALOG NO.	MANUFACTURER	CATALOG NO.	
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-AL016-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-**-EMD	LITHONIA LIGHTING	REBL-AL016-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-AL08-80CRI-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-AL07-80CRI-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-AL08-80CRI-SWW7-SWL-MVOLT-E10WLCF	11
C	6" DOWNLIGHT WITH EMERGENCY BATTERY BACKUP	LED	277V	45 VA	4000K	4,000	RECESSED	WILLIAMS LIGHTING	8DR-L40/840-EM10WIPRTS-DIM-277-O-W-CS-*	LITHONIA LIGHTING	LDN6-AL04-SWW1-L06-AR-LSS-MVOLT-E10WCP	6
D	ARCHITECTURAL 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-SRPM	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-LS4/840-AF-CT-CONTROL/DR-UNV	LITHONIA LIGHTING	CLX-24-5000LM-SEF-WDL-MVOLT-G210-40K-80CRI	6
F1	4' LED STRIP LIGHT WITH SEMI-FROSTED LENS	LED	277V	34 VA	4000K	5,200	WALL	WILLIAMS LIGHTING	SRK-W-4-LS2-840-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-NUB-2T-*	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-NUB-2T-*	1
G	10" SQUARE CANOPY FIXTURE WITH EMERGENCY BATTERY BACKUP	LED	277V	40 VA	4000K	5,000	SURFACE	ILP	CP-SL-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



4 STORAGE WEST ATTIC LIGHTING  
1/4" = 1'-0"



5 STORAGE EAST ATTIC LIGHTING  
1/4" = 1'-0"

**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 ON/OFF	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

**100% CONSTRUCTION DOCUMENTS**

**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**

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# BY DATE REVISION PROJECT NUMBER: 20231117 DATE: 01/17/2025

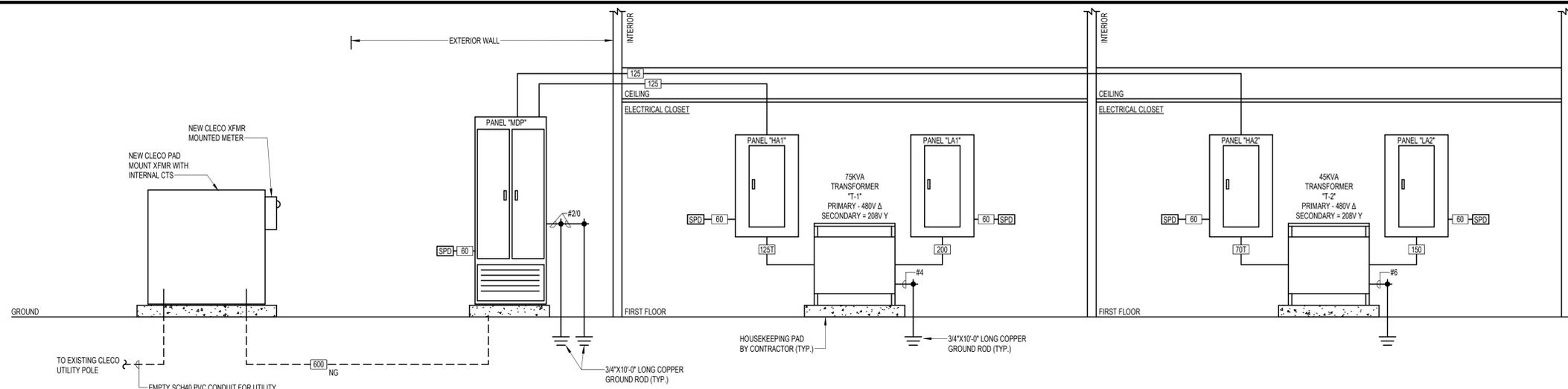
**E102**

**PARISH ENGINEERING**

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

225.332.0222

STATE OF LOUISIANA  
MICHAEL J. BERRY III  
Professional Engineer  
1/17/2025



4-WIRE FEEDER SCHEDULE			
STD. FUSE OR BKR TRIP SIZE	# OF SETS	WIRE QUANTITY AND SIZE	CONDUIT SIZE (MINIMUM)
60	1	4#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#10 THWN, 1#6 GND	2"
200	1	4#30 THWN, 1#6 GND	2"
400	2	4#30 THWN, 1#3 GND	2-1/2"
600	2	4#30 THWN MCM, 1#1 GND	3"
800	3	4#30 THWN MCM, 1#10 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.

**1 POWER RISER DIAGRAM**  
N.T.S.

**Switchboard: MDP**

Location: MDP  
 Supply From: MDP  
 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	
					<b>Total Conn. Load:</b>	188409 VA
					<b>Total Amps:</b>	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	<b>Total Conn. Load:</b> 188409 VA
Kitchen Equipment - Non-Dwelling Unit	6000 VA	92.50%	5550 VA	<b>Total Est. Demand:</b> 172184 VA
Motor	6254 VA	105.60%	6604 VA	<b>Total Conn.:</b> 227 A
Receptacle	33540 VA	64.91%	21770 VA	<b>Total Est. Demand:</b> 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

Volts: 480Y/277  
 Phases: 3  
 Wires: 4

A.I.C. Rating: 10,000  
 Mains Rating: 125 A  
 MCB Rating: 125 A

Number of Sections:

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				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						10
11	20 A	1	2#12	#12	3/4"	LTG - COURT			0.7 kVA	0.7 kVA						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						16
17	20 A	1	--	--	--	SPARE			0.0 kVA	0.0 kVA						18
19	20 A	1	--	--	--	SPARE	0.0 kVA	0.0 kVA		SPARE	--	--	--	1	20 A	20
21	20 A	1	--	--	--	SPARE			0.0 kVA	0.0 kVA						22
23	20 A	1	--	--	--	SPARE			0.0 kVA	0.0 kVA				3	60 A	24
							21100 VA	19182 VA	19129 VA							
							76 A	69 A	69 A							

**Load Classification**

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Cooling	4860 VA	0.01%	0 VA	
Heating	13646 VA	100.00%	13646 VA	<b>Total Conn. Load:</b> 59410 VA
Kitchen Equipment - Non-Dwelling Unit	3000 VA	100.00%	3000 VA	<b>Total Est. Demand:</b> 53136 VA
Motor	3223 VA	110.86%	3573 VA	<b>Total Conn.:</b> 71 A
Receptacle	16500 VA	80.30%	13250 VA	<b>Total Est. Demand:</b> 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

Volts: 480Y/277  
 Phases: 3  
 Wires: 4

A.I.C. Rating: 10,000  
 Mains Rating: 125 A  
 MCB Rating: 125 A

Number of Sections:

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				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						10
11	20 A	1	2#12	#12	3/4"	LTG - COURT			0.7 kVA	0.7 kVA						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						16
17	20 A	1	--	--	--	SPARE			0.0 kVA	0.0 kVA						18
19	20 A	1	--	--	--	SPARE	0.0 kVA	0.0 kVA		SPARE	--	--	--	1	20 A	20
21	20 A	1	--	--	--	SPARE			0.0 kVA	0.0 kVA						22
23	20 A	1	--	--	--	SPARE			0.0 kVA	0.0 kVA				3	60 A	24
							15991 VA	14936 VA	15602 VA							
							58 A	54 A	57 A							

**Load Classification**

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Cooling	2430 VA	0.01%	0 VA	
Heating	6823 VA	100.00%	6823 VA	<b>Total Conn. Load:</b> 46524 VA
Kitchen Equipment - Non-Dwelling Unit	3000 VA	100.00%	3000 VA	<b>Total Est. Demand:</b> 42375 VA
Motor	3031 VA	111.55%	3381 VA	<b>Total Conn.:</b> 56 A
Receptacle	17040 VA	79.34%	13520 VA	<b>Total Est. Demand:</b> 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:

**100% CONSTRUCTION DOCUMENTS**  
**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



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:
				<b>20231117</b>
				DATE:
				01/17/2025
				<b>E200</b>



### 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 - AV 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	AHU-1	3/4"	#12	3#8	2	45 A	18
19	25 A	2	3#10	#10	3/4"	CU-1	1.2 kVA	3.4 kVA		AHU-2	3/4"	#10	3#8	2	45 A	20	
21	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	22	
23	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	24	
27	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	28
29	20 A	1	2#12	#12	3/4"	RCPT - AV CLOSET	0.7 kVA	0.7 kVA		RCPT - AV CLOSET	3/4"	#12	2#12	1	20 A	30	
31	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	32	
33	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	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 - AV 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		SPARE	--	--	--	1	20 A	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		--	--	--	3	60 A	54
							15966 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

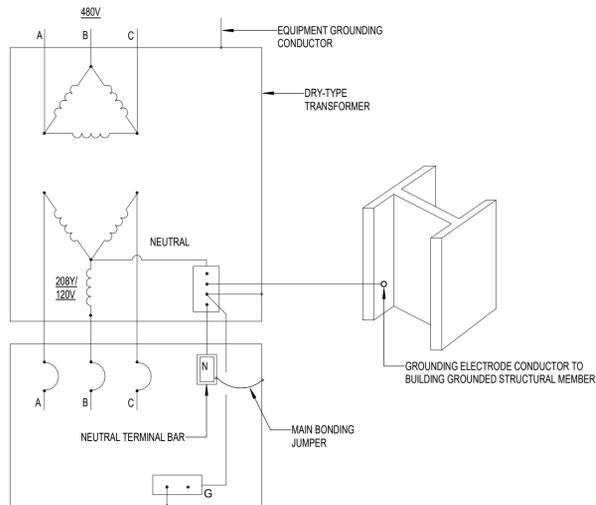
A.I.C. Rating: 10,000  
Mains Rating: 150 A  
MCB Rating: 150 A

Panel Schedule Notes:

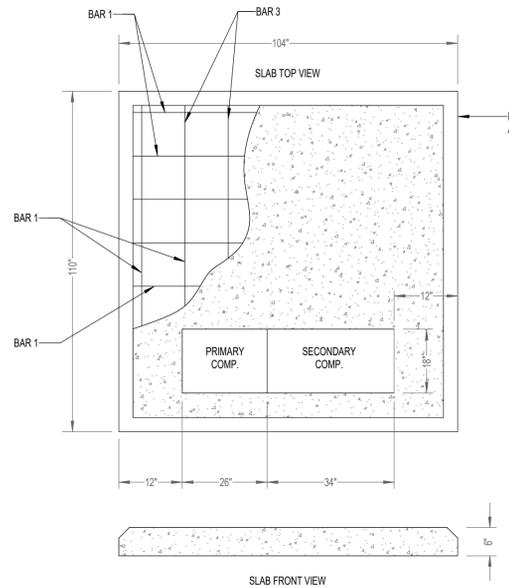
CKT	TRIP	POLES	WIRE	GND	CONDUIT	Circuit Description	A	B	C	Circuit Description	CONDUIT	GND	WIRE	POLES	TRIP	CKT	
1	20 A	1	2#12	#12	3/4"	SCOREBOARD	1.2 kVA	1.2 kVA		SCOREBOARD	3/4"	#12	2#12	1	20 A	2	
3	20 A	1	2#12	#12	3/4"	RCPT - CONCESSION		0.4 kVA	1.4 kVA	GOAL WENCH MOTOR	3/4"	#12	2#12	1	20 A	4	
5	20 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	20 A	1	2#12	#12	3/4"	RCPT SW WALL		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 T-BOOTH SOUTH-1	0.7 kVA	0.7 kVA		EWC	3/4"	#12	2#12	1	20 A	18	
19	20 A	1	2#12	#12	3/4"	RCPT ENTRY	0.7 kVA	0.7 kVA		RCPT - AV CLOSET	3/4"	#12	2#12	1	20 A	20	
21	20 A	1	2#12	#12	3/4"	RCPT SOUTH WALL		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 - AV CLOSET	0.7 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 - AV CLOSET		0.7 kVA	0.2 kVA	RCPT - SCORING COMP.	3/4"	#12	2#12	1	20 A	26	
27	20 A	1	2#12	#12	3/4"	RCPT - SCORING COMP.			0.7 kVA	0.7 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	20 A	1	2#12	#12	3/4"	RCPT MAIN CRT SCORE TBL	0.7 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 NORTH CRT SCR TBL		0.7 kVA	0.0 kVA	RCPT SOUTH CRT SCR TBL	3/4"	#12	2#12	1	20 A	38	
39	20 A	1	--	--	--	SPARE	0.0 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		SPD	--	--	--	3	60 A	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		--	--	--	3	60 A	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:



**1** DETAIL - TRANSFORMER GROUNDING  
N.T.S.

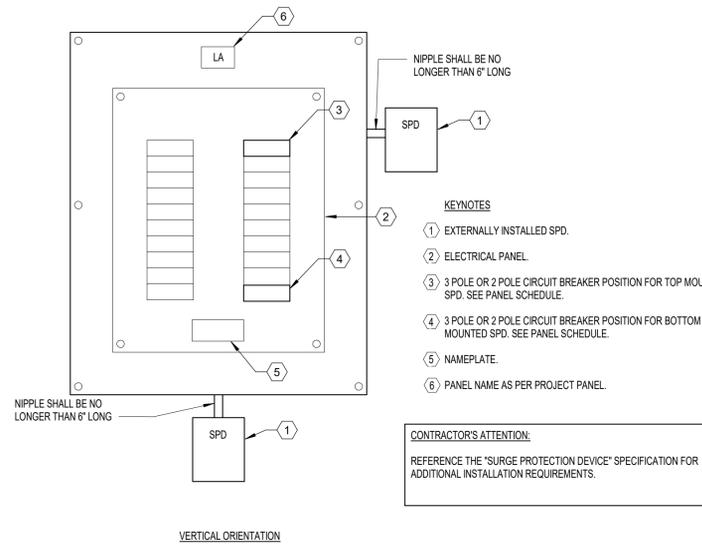


**2** DETAIL - UTILITY TRANSFORMER HOUSEKEEPING PAD  
N.T.S.

REFERENCE UTILITY COMPANY TRANSFORMER SLAB STRUCTURE DETAIL AND COORDINATE WITH UTILITY COMPANY FOR ALL REQUIREMENTS

**TRANSFORMER FOUNDATION GENERAL NOTES**

- USE THIS SPECIFICATION ONLY IF THE SOIL CAN SUPPORT THE SLAB WITHOUT USING PILES. CONSULT WITH UTILITY REPRESENTATIVE.
- CONCRETE SHALL HAVE 3500 PSI MINIMUM 28 DAY COMPRESSIVE BREAKING STRENGTH.
- REINFORCEMENT SHALL BE DEFORMED BARS MEETING ASTM A615, GRADE 60 REQUIREMENTS.
- FOR BARS IDENTIFIED AS BAR 1, PLACE ONLY ONE (1) BAR BETWEEN CONDUIT OPENING AND BOTTOM EDGE.
- FOR BARS IDENTIFIED AS BAR 2, EVENLY SPACE TWO (2) OF THE BARS ON EACH SIDE OF THE OPENING.
- FOR BARS IDENTIFIED AS BAR 3, AND BAR 4, EVENLY SPACE THE REQUIRED NUMBER OF BARS NO CLOSER THAN 2" FROM EACH EDGE.
- THIS SLAB DOES NOT PROVIDE TRAFFIC GUARD PROTECTION. CONSULT WITH UTILITY COMPANY TO DISCUSS IF THIS PROTECTION IS NECESSARY.
- SLAB IS USED FOR LOOP FEED AND RADIAL TRANSFORMERS.



**3** DETAIL - EXTERNAL SPD INSTALLATION  
N.T.S.

## 100% CONSTRUCTION DOCUMENTS

### PANEL SCHEDULES

CITY OF OPELOUSAS  
**SOUTH CITY PARK CENTER**  
South City Park, 1524 Market St. Opelousas, LA 70570  
St. Landry Parish  
PROJECT ID: 20231117



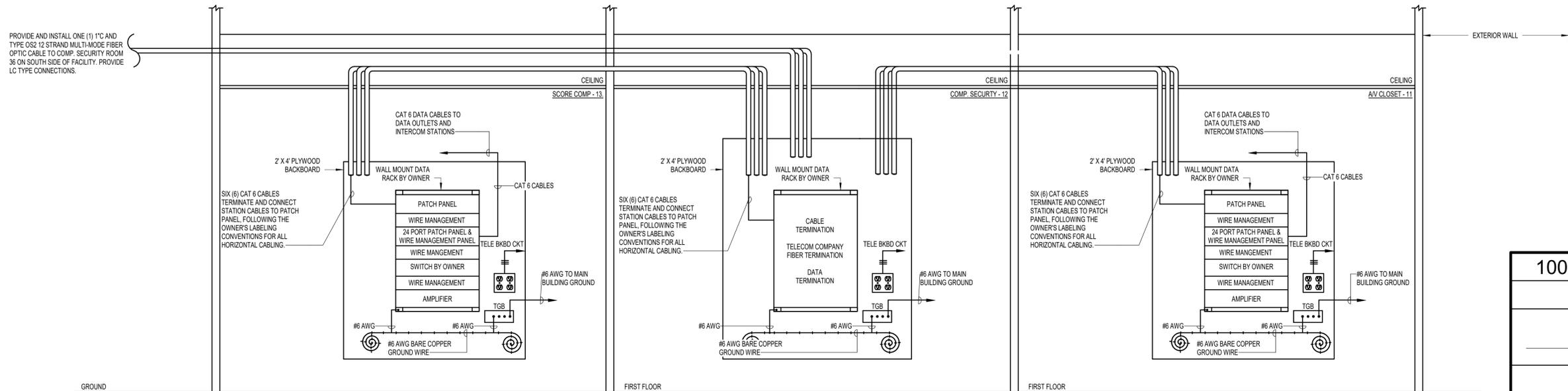
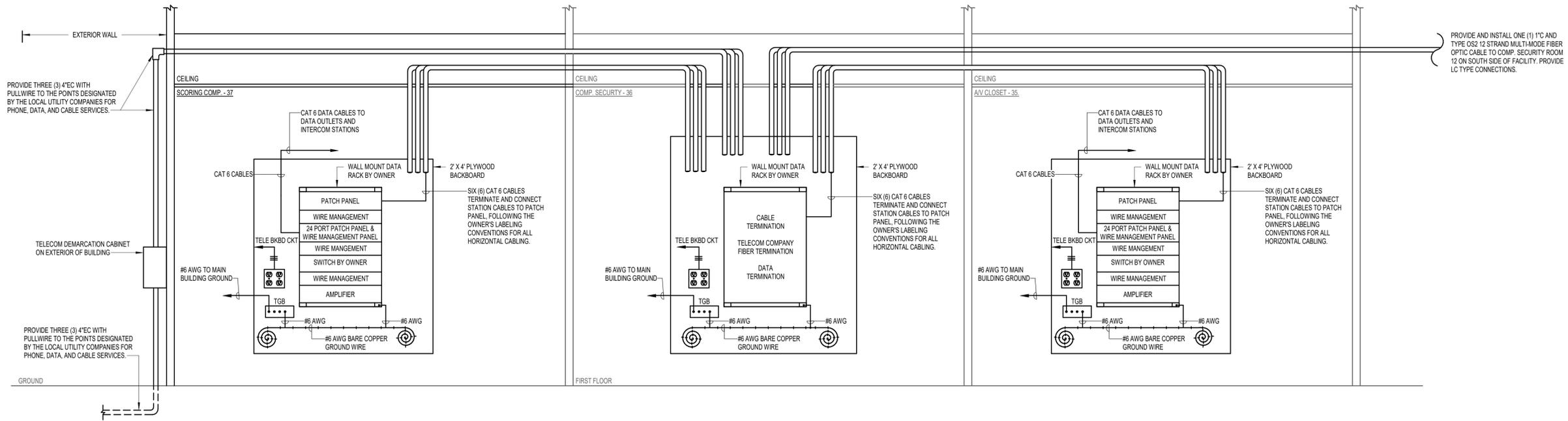
TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com  
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

#	BY	DATE	REVISION	PROJECT NUMBER:
				<b>20231117</b>
				DATE:
				01/17/2025
				<b>E201</b>



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Baton Rouge, LA 70820  
225.332.0222  
parisheng.com | #24-109





**1 TELECOM RISER DIAGRAM**  
N.T.S.

**100% CONSTRUCTION DOCUMENTS**  
**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**

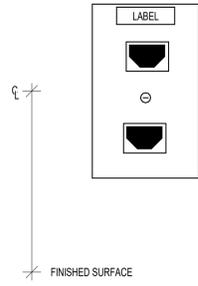
TEL: 337.205.3235 EMAIL: david@dbarchitectureofacadiana.com WEBSITE: www.dbarchitectureofacadiana.com  
ADDRESS: 233 Doucet Rd, Suite A2, Lafayette, Louisiana, 70503

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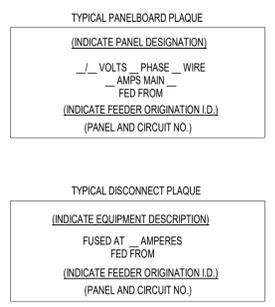
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DATE: 01/17/2025
<b>E300</b>

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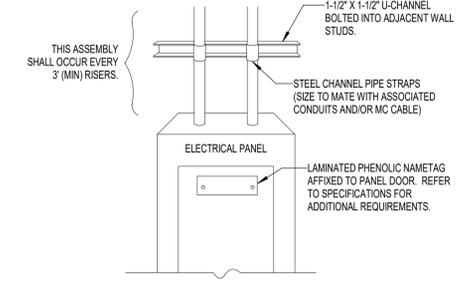




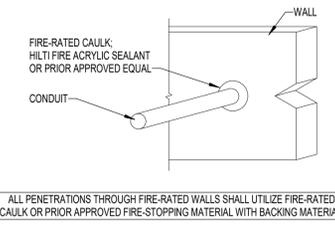
**1 DETAIL - DATA LABELING**  
N.T.S.



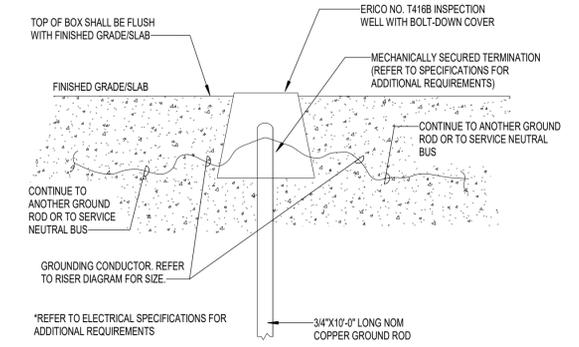
**2 DETAIL - EQUIPMENT SIGNAGE**  
N.T.S.



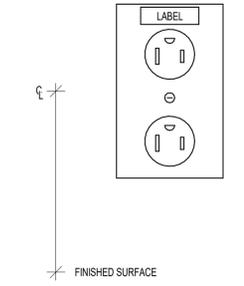
**3 DETAIL - CONDUIT SUPPORT**  
N.T.S.



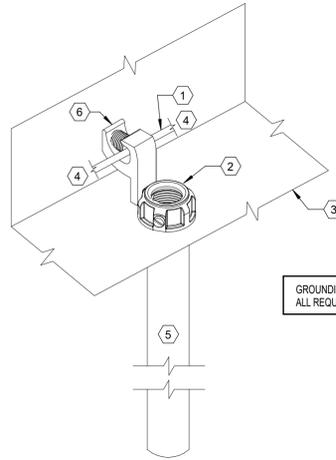
**4 DETAIL - FIRE-RATED WALL PENETRATION**  
N.T.S.



**5 DETAIL - GROUND ROD INSTALLATION**  
N.T.S.



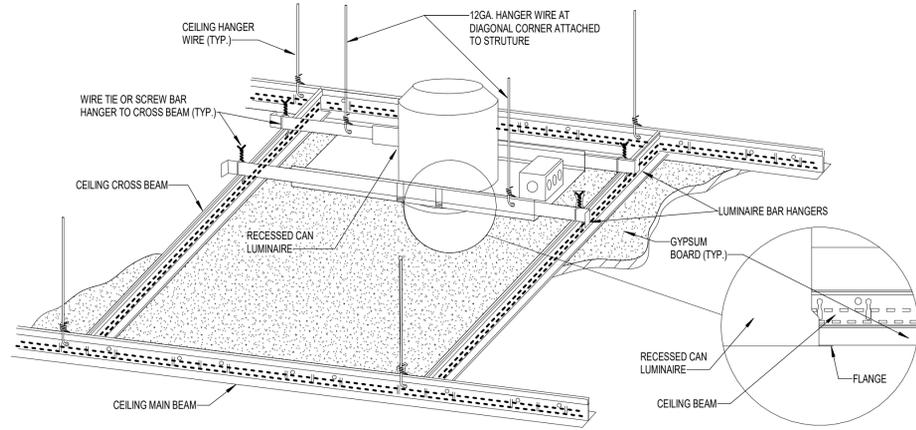
**6 DETAIL - RECEPTACLE LABELING**  
N.T.S.



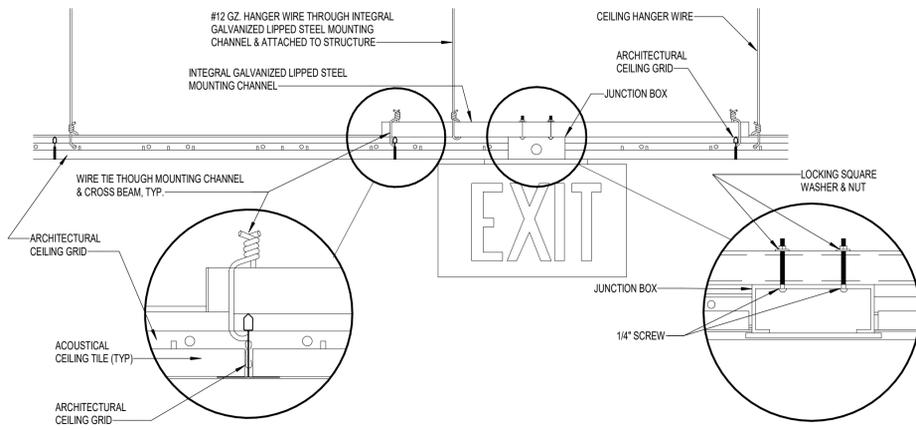
**7 DETAIL - CONDUIT GROUND BUSHING**  
N.T.S.

- DETAIL KEYNOTES**
- SUPPLY SIDE EQUIPMENT BONDING JUMPER.
  - UL 467 LISTED GROUNDING BUSHING BY APPLETON, EATON, OR APPROVED EQUIVALENT.
  - ENCLOSURE.
  - TO ENCLOSURE GROUND BUS OR ADDITIONAL CONDUITS (AS REQUIRED).
  - INCOMING CONDUIT.
  - INTEGRAL BRACKET FOR ATTACHMENT OF BONDING JUMPER.

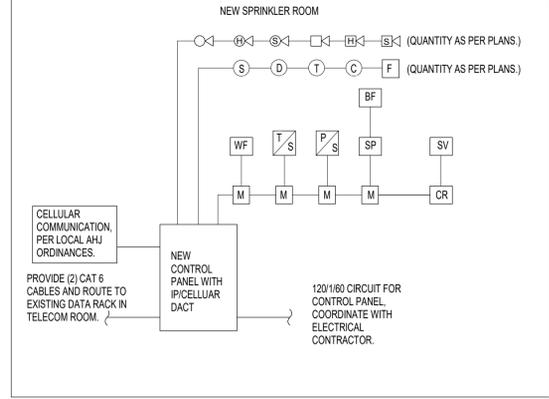
GROUNDING INSTALLATION SHALL MEET ALL REQUIREMENTS OF NEC 250.92.



**8 DETAIL - DOWNLIGHT MOUNTING**  
N.T.S.



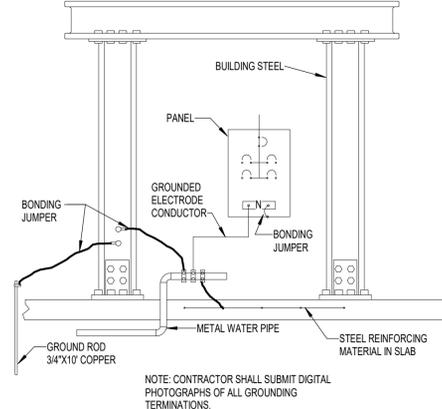
**9 DETAIL - EXIT SIGN MOUNTING**  
N.T.S.



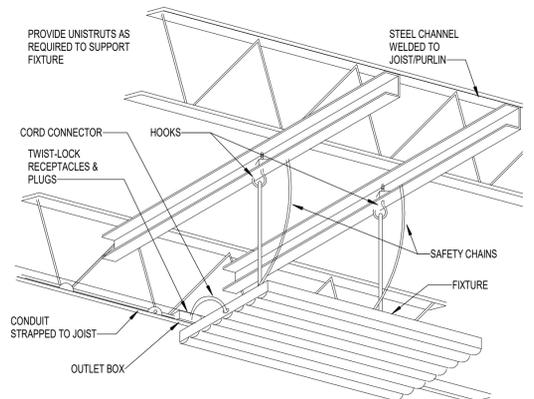
**10 DETAIL - SPRINKLER/FIRE ALARM MONITORING**  
N.T.S.

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
(S)	FIRE ALARM SYSTEM CEILING MOUNT STROBE
(H)	FIRE ALARM SYSTEM CEILING MOUNT HORN/STROBE
(S)	FIRE ALARM SYSTEM CEILING MOUNT SPEAKER/STROBE
(K)	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

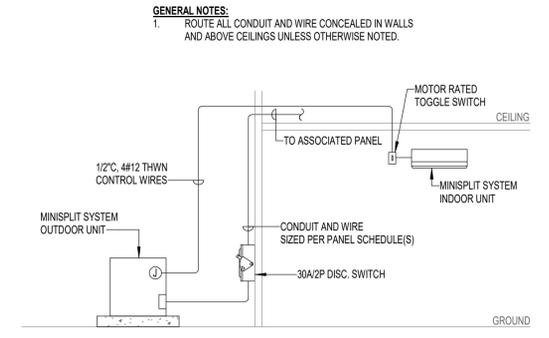
- SPRINKLER RISER GENERAL NOTES**
- PROVIDE AND INSTALL AN ADDRESSABLE SPRINKLER MONITORING SYSTEM WITH IP/CELLULAR COMMUNICATOR. PANEL SHALL BE LISTED FOR BOTH PRE-ACTION AND DELUGE OPERATION.
  - PROVIDE FIRST YEAR'S MONITORING AGREEMENT OR PROGRAM SYSTEM TO OWNER'S MONITORING COMPANY.
  - INSTALLATION AND CABLE SHALL MEET NFPA AND NEC CODE FOR FIRE ALARM SYSTEMS. PROVIDE AND INSTALL SURGE PROTECTION WHERE REQUIRED BY CODE.
  - CONTRACTOR SHALL PREPARE SUBMITTAL, BATTERY CALCULATIONS, AND FEE TO STATE FIRE MARSHAL REVIEW.
  - PROVIDE NECESSARY MODULE QUANTITIES PER SPRINKLER SYSTEM.
  - PROVIDE 1\"/>



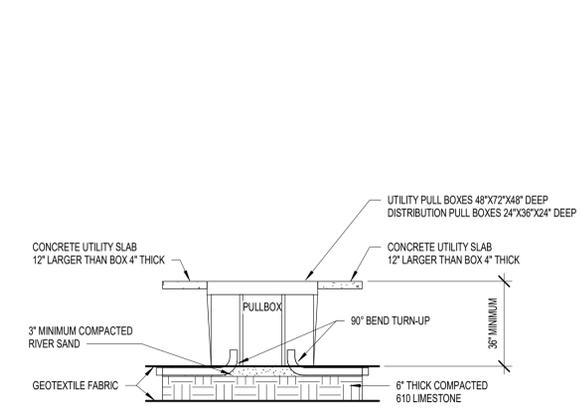
**11 DETAIL - GROUNDING TO BLDG STEEL**  
N.T.S.



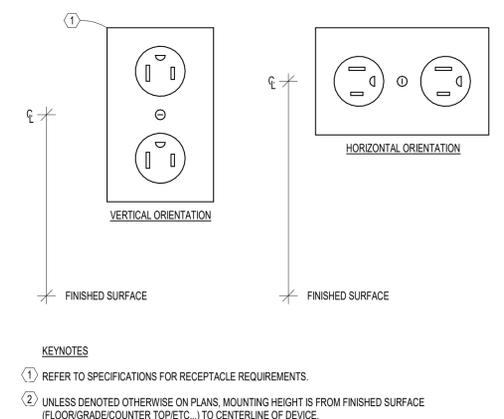
**12 DETAIL - HIGH-BAY LED FIXTURE MOUNTING**  
N.T.S.



**13 DETAIL - MINI SPLIT SYSTEM**  
N.T.S.



**14 DETAIL - PULL BOX**  
N.T.S.



**15 DETAIL - RECEPTACLE**  
N.T.S.

**GENERAL NOTES:**  
1. ROUTE ALL CONDUIT AND WIRE CONCEALED IN WALLS AND ABOVE CEILINGS UNLESS OTHERWISE NOTED.

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**100% CONSTRUCTION DOCUMENTS**

**ELECTRICAL 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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PROJECT NUMBER: **20231117**  
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**E400**

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