

A NEW RACKET CENTER & OBSERVATION DECK FOR:

ST JULIEN RECREATIONAL FACILITY

for the:
City of Broussard



RAY BOURQUE, MAYOR

CITY COUNCIL

ANGEL RACCA - DISTRICT 1

JESSE REGAN - DISTRICT 3

DAVID FORBES - DISTRICT 5

JEFF DELAHOUSAYE - COUNCILMAN-AT-LARGE

DAVID M. BONIN - DISTRICT 2

HEATHER GIROUARD - DISTRICT 4

KODY ALLEN - DISTRICT 6

GENERAL NOTES

GENERAL ARCHITECTURAL:	GENERAL NOTES:
1. ALL DOOR HANDLES SHALL COMPLY WITH ADA AND BE LEVER OPERATED UNLESS OTHERWISE SPECIFIED.	1. CONTRACTOR SHALL PERFORM ALL WORK AS SHOWN ON THE DRAWINGS AND SPECIFICATIONS. ALL WORK SHALL BE IN COMPLIANCE WITH THE CODE, AIA GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION, RECOGNIZED INDUSTRY STANDARD, CRAFTSMANSHIP STANDARDS IN THE AREA, ALL MANUFACTURERS RECOMMENDATIONS AND ALL OTHER APPLICABLE CODES.
2. INTERIOR CEILING SHALL HAVE BE CLASS 'A' FLAME SPREAD RATING OF 0-25; SMOKE DEVELOPMENT OF 0-450.	2. THE ARCHITECT DOES NOT HAVE CONTROL OR CHARGE OF, AND SHALL NOT BE HELD RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES OR FOR THE SAFETY PRECAUTIONS, AND PROGRAMS IN CONNECTION WITH ANY OF THE WORK, OR FOR THE FAILURE OF ANY OF THEM TO CARRY OUT THE WORK, IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
3. INSULATION AND INSULATION ASSEMBLIES SHALL MEET THE REQUIREMENTS IBC. (CLASS 'A' FLAME SPREAD 0-25; SMOKE-DEVELOPED 0-450)	3. DO NOT SCALE DRAWINGS. USE WRITTEN DIMENSIONS ONLY. IMMEDIATELY NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BETWEEN THESE CONTRACT DOCUMENTS AND ANY EXISTING CONDITIONS.
4. TOP OF FIRE EXTINGUISHER, HAVING A GROSS WEIGHT LESS THAN 40 LBS., SHALL BE NOT MORE THAN 5 FEET ABOVE THE FLOOR; 3-1/2 FEET IF GROSS WEIGHT 40 LBS. OR GREATER.	4. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY BARRICADES, SIGNAGE, REFLECTORS, LIGHTS, ETC. DURING CONSTRUCTION. PROPERLY DEMARCAATE AREAS CLOSED TO THE PUBLIC.
5. A REQUIRED FIRE SEPARATION SHALL BE CONTINUOUS FROM FOUNDATION THROUGH ALL INTERVENING CONSTRUCTION TO THE ROOF DECK, FROM OUTSIDE WALL TO OUTSIDE WALL OR FROM FIRE BARRIER TO FIRE BARRIER. PROVIDE UL OR FM LISTED ASSEMBLY.	5. THE CONTRACTOR WILL REMOVE ALL RUBBLE AND DEBRIS FROM THE JOB SITE AND LEAVE THE BUILDING AND GROUNDS BROOM CLEAN UPON COMPLETION OF WORK.
6. PENETRATIONS THROUGH RATED CONSTRUCTION SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM-E814.	6. CONTRACTOR IS RESPONSIBLE FOR THE LOCATION AND COORDINATION OF ALL CONDUIT, PIPING, DUCTWORK, ETC. WITH THE VARIOUS TRADES.
7. CONTRACTOR SHALL COORDINATE ALL SEALANT COLORS WITH THE ARCHITECT PRIOR TO INSTALLATION.	7. CONTRACTOR SHALL VISIT THE SITE AND ACQUAINT HIMSELF THOROUGHLY WITH ALL EXISTING FACILITIES AND CONDITIONS WHICH WOULD AFFECT HIS PORTION OF THE WORK. FAILURE TO DO SO SHALL NOT RELIEVE THE CONTRACTOR FROM THE RESPONSIBILITY OF INSTALLING THE WORK TO MEET SAID CONDITIONS.
GENERAL ADAAG:	8. WHENEVER THERE ARE DISCREPANCIES BETWEEN THE DRAWINGS, OR THE DRAWINGS AND SPECIFICATIONS, THE CONTRACTOR SHALL ESTIMATE UPON THE BETTER QUALITY OR GREATER QUANTITY OF MATERIAL OR WORK CALLED FOR, AND IT SHALL BE SO FURNISHED UNLESS OTHERWISE ORDERED IN WRITING.
1. PROVIDE HANDICAPPED ACCESSIBILITY IN ACCORDANCE WITH ADAAG (ACCESSIBILITY GUIDELINES)	9. PLANS AND DETAIL DRAWINGS ARE TO LIMIT, EXPLAIN AND DEFINE CONDITIONS, SPECIFIED REQUIREMENTS AND MANNER OF WORK. STRUCTURAL OR OTHER CONDITIONS MAY REQUIRE CERTAIN MODIFICATIONS FROM THE MANNER OF INSTALLATION SHOWN, AND SUCH DEVIATIONS ARE PERMISSIBLE AND SHALL BE MADE AS REQUIRED, BUT, SPECIFIED SIZES AND REQUIREMENTS NECESSARY FOR SATISFACTORY OPERATION SHALL REMAIN UNCHANGED. ALL SUCH CHANGES SHALL BE MADE AS REQUIRED AND SHALL BE REFERRED TO THE ARCHITECT FOR APPROVAL BEFORE PROCEEDING. EXTRA CHARGES SHALL NOT BE ALLOWED FOR THESE CHANGES. THE CONTRACTOR SHALL REALIZE THAT THE DRAWINGS COULD NOT DELVE INTO EVERY STEP, SEQUENCE, OR OPERATION NECESSARY FOR THE COMPLETION OF THE PROJECT WITHOUT DRAWING ON THE CONTRACTORS EXPERIENCE OF INGENUITY. HOWEVER, ONLY TYPICAL DETAILS ARE SHOWN ON THE PLANS. IN CASES WHERE THE CONTRACTOR IS NOT CERTAIN ABOUT THE METHOD OF INSTALLATION OF HIS WORK, HE SHALL ASK FOR FURTHER EXPLANATION. LACK OF UNDERSTANDING SHALL NOT BE AN EXCUSE FOR IMPROPER INSTALLATION. IN GENERAL, THE DRAWINGS ARE DIAGRAMMATIC AND THE CONTRACTOR SHALL INSTALL HIS WORK IN A MANNER THAT INTERFERENCES BETWEEN THE VARIOUS TRADES IS AVOIDED. IN CASES WHERE INTERFERENCES DO OCCUR, THE ARCHITECT IS TO STATE WHICH EQUIPMENT, PIPING, ETC. IS TO BE RELOCATED REGARDLESS OF WHICH ITEM WAS INSTALLED FIRST.
2. GROUND AND FLOOR SURFACES (SLIP RESISTANT UNDER ALL WEATHER CONDITIONS).	10. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL NECESSARY PERMITS AND FEES.
3. PROVIDE AN ACCESSIBLE ROUTE FROM EACH ACCESSIBLE PARKING SPACE TO THE ACCESSIBLE BUILDING ENTRANCE (S).	
4. THRESHOLDS SHALL COMPLY WITH REGARDING CHANGES IN LEVEL. (NOT MORE THAN 1/2" HEIGHT AND BEVELED IF OVER 1/4")	
5. DOOR HARDWARE SHALL COMPLY WITH ADAAG. HARDWARE SHALL NOT REQUIRE TIGHT GRASPING, TIGHT PINCHING, OR TWISTING OF THE WRIST TO OPERATE.	
6. SIGNAGE, WHERE PROVIDED AT PERMANENT ROOMS AND SPACES AND OTHER SIGNS WHICH PROVIDE DIRECTION TO OR INFORMATION ABOUT FUNCTIONAL SPACES OF THE BUILDING, SHALL BE IN ACCORDANCE WITH ADAAG (RAISED CHARACTER, LETTER SIZE, MOUNTING).	
7. PROVIDE LOW LEVEL MOUNTED EXIT SIGNAGE IN ACCORDANCE WITH ADAAG (RAISED CHARACTER, LETTER SIZE, MOUNTING) AT ALL REQUIRED EXITS.	
8. ACCESSIBLE TOILETS SHALL COMPLY WITH ADAAG.	
9. LAVATORIES SHALL COMPLY WITH THE FOLLOWING: <ul style="list-style-type: none"> a. LAVATORIES SHALL BE MOUNTED WITH A CLEARANCE OF AT LEAST 29" FROM THE FLOOR TO THE BOTTOM OF THE APRON. b. KNEE AND TOE CLEARANCES SHALL COMPLY WITH ADAAG. c. HOT WATER AND DRAIN PIPES SHALL BE INSULATED OR COVERED. d. FAUCETS SHALL COMPLY WITH ADAAG. 	
10. MIRRORS SHALL BE MOUNTED WITH THE BOTTOM EDGE NOT MORE THAN 40" FROM THE FLOOR.	
11. TOILET ROOM GRAB BARS SHALL COMPLY WITH ADAAG.	
12. A DOORWAY IN A MEANS OF EGRESS SHALL PROVIDE AT LEAST 32" CLEAR (CONSIDERED 3'-0" DOOR). WHERE A PAIR OF DOORS IS PROVIDED, AT LEAST ONE LEAF SHALL COMPLY.	
13. PARKING SPACES AND ACCESS AISLES CANNOT INCLUDE A RAMP OR ANY OTHER SLOPED SURFACE EXCEEDING 1:50 (2%) IN ANY WALL DIRECTIONS.	

ABBREVIATIONS

ACOUS.	ACOUSTICAL	MFG.	MANUFACTURER
A.C.T.	ACOUSTICAL CEILING TILE	MAX.	MAXIMUM
ADJ.	ADJUSTABLE	MAINT.	MAINTENANCE
A.F.F.	ABOVE FINISHED FLOOR	MECH.	MECHANICAL
A.F.G.	ABOVE FINISHED GRADE	MIN.	MINIMUM
ALUM.	ALUMINUM ANGLE / ANGS.	MTL.	METAL
ANGS.	ANGULAR	MULL.	MULLION
BD.	BOARD	N.I.C.	NOT IN CONTRACT
BM.	BEAM	NO.	NUMBER
C.B.	CATCH BASIN	N.T.S.	NOT TO SCALE
C.J.	CONSTRUCTION JOINT	O.C.	ON CENTER
CLG.	CEILING	O.H.	OPPOSITE HAND
CLR.	CLEAR	OZ.	OUNCE
C.M.U.	CONCRETE MASONRY UNIT	PLAS.	PLASTER
COL.	COLUMN	PL.	PLASTIC
CONC.	CONCRETE	P.L.	PLATE LINE
CONT.	CONTINUOUS	PTD.	PAINTED
CPT.	CARPET	P.T.H.	PAPER TOWEL HOLDER
DET.	DETAIL	REF.	REFER
D.S.	DOWN SPOUT	REF.	REFRIGERATOR
EA.	EACH	REINF.	REINFORCING
E.J.	EXPANSION JOINT	REQD.	REQUIRED
ELC.	ELECTRICAL	SCHED.	SCHEDULE
ELEV.	ELEVATION OR ELEVATOR	S.C.	SOLID CORE
EQ.	EQUAL	S.D.	SOAP DISPENSER
E.T.R.	EXISTING TO REMAIN	SIM.	SIMILAR
E.W.C.	ELECTRICAL WATER COOLER	SPECS.	SPECIFICATION
EXP.	EXPANSION	SQ.	SQUARE
EXT.	EXTERIOR	SQR.	SQUARE
F.E.	FIRE EXTINGUISHER	STL.	STEEL
F.E.C.	FIRE EXTINGUISHER IN CABINET	STND.	STANDARD
F.F.	FINISHED FLOOR	STOR.	STORAGE
F.F.E.	FINISHED FLOOR ELEVATION	STRUCT.	STRUCTURAL
FL.	FLOOR	SUSP.	SUSPENDED
F.O.S.	FACE OF STUD	TEMP.	TEMPORARY
GALV.	GALVANIZED	TEMPRD.	TEMPERED
G.B.	GRAB BAR	THK.	THICK / THICKNESS
G.D.	GARBAGE DISPOSAL	THRD.	THRESHOLD
GYP.	GYPSPUM	T.P.H.	TOILET PAPER HOLDER
H.M.	HOLLOW METAL	TYP.	TYPICAL
HOL.	HOLLOW	UR.	URINAL
HORZ.	HORIZONTAL	VEND.	VENDING
HR.	HOUR	VERT.	VERTICAL
HRDWR.	HARDWARE	V.O.J.	VERIFY ON JOB
INSUL.	INSULATION	V.W.C.	VINYL WALL COVERING
LAM.	LAMINATE	W.C.	WATER CLOSET
LAV.	LAVATORY	WD.	WOOD
		WID.	WIDTH

SYMBOLS

	PARTITION / DETAIL TYPE
	SECTION DETAIL CALLOUT
	SECTION DETAIL CALLOUT
	DETAIL CALLOUT
	DETAIL # SHEET #
	WINDOW TYPE
	ROOM # ROOM DESCRIPTION NUMBER
	DOOR TYPE
	DETAIL # SHEET # INTERIOR ELEVATION

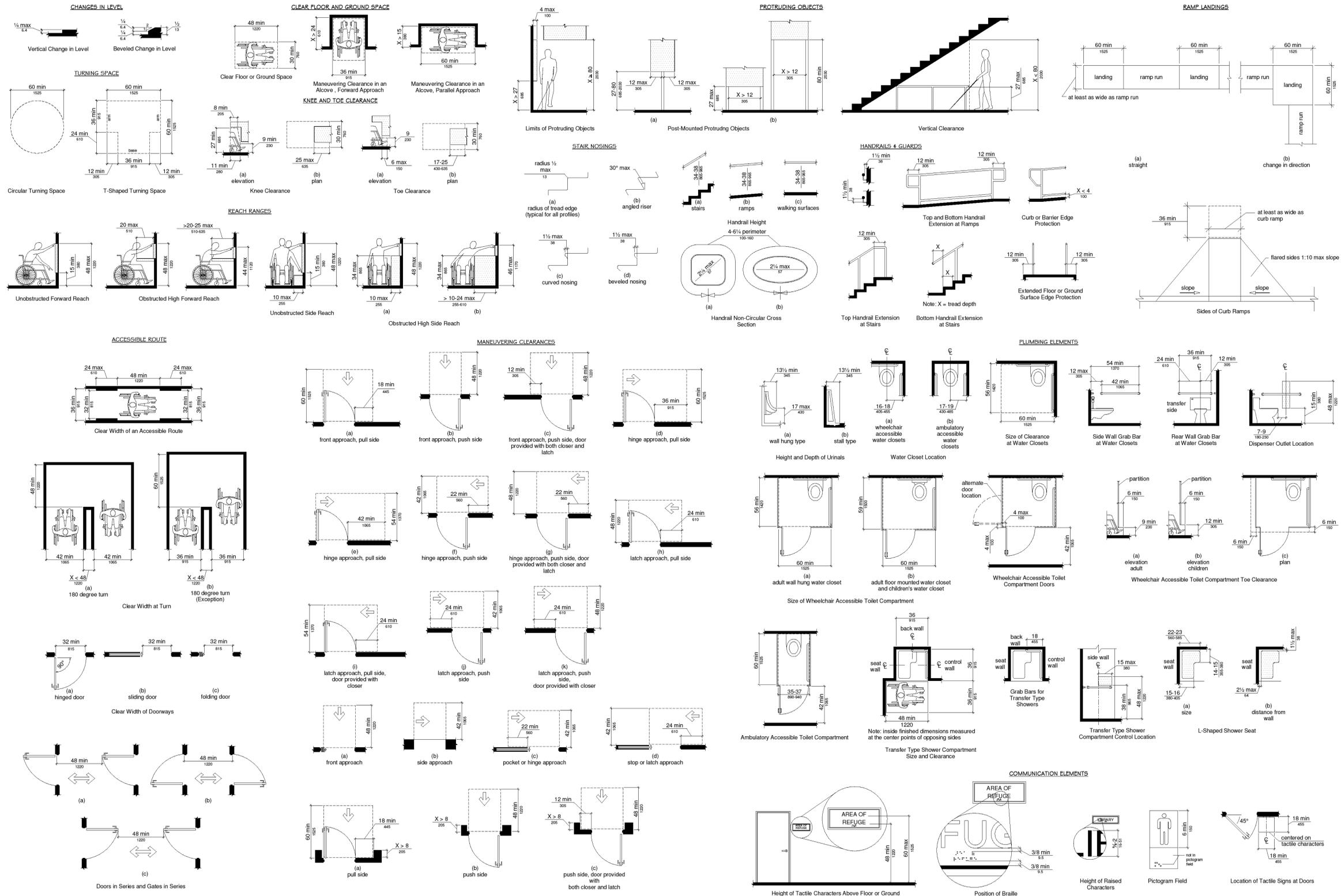
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GENERAL ADA GUIDELINES

(NOT ALL DETAILS SHOWN THIS SHEET ARE USED THIS PROJECT)





LEGEND

	EXISTING ELEVATION
	EXISTING SWALE
	EXISTING CB

GENERAL NOTES:

1. THE ENGINEER DOES NOT WARRANT THE LOCATION OR COMPLETENESS OF EXISTING UNDERGROUND UTILITIES ON THE PLANS. THE CONTRACTOR SHALL UTILIZE THE DOT/TE ONE CALL SYSTEM TO DETERMINE THE LOCATION AND EXISTENCE OF UNDERGROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION.
2. EXISTING SWALES SHALL BE MUCKED OUT AND BACKFILLED WITH SELECT FILL IN 8" LOOSE LIFTS COMPACTED TO 95% STANDARD PROCTOR.
3. ALL FILL SHALL BE SELECT FILL AND SHALL BE PLACED IN 8" LOOSE LIFTS COMPACTED TO 95% STANDARD PROCTOR.



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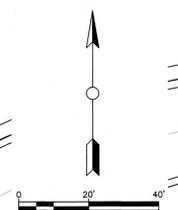
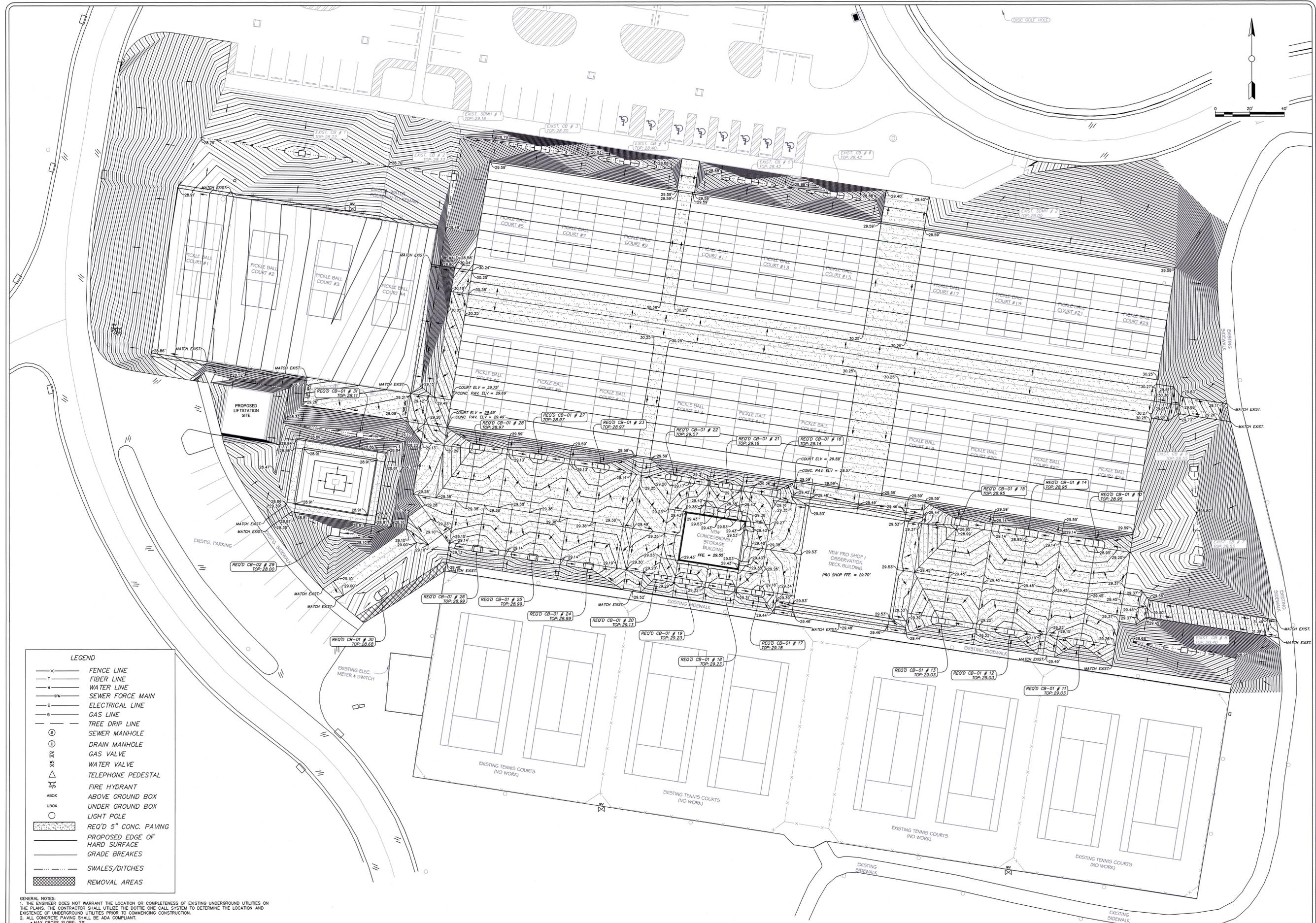
STATE OF LOUISIANA
 DANIEL HUTCHINSON
 License No. 37763
 PROFESSIONAL ENGINEER
 CIVIL ENGINEERING

DRAWN BY:
 D.R.H.
 DATE:
 01-05-26
 REVISION NO./ DATE

JOB NO.
 23-035
 SHEET

C1.1
 4 OF 97 SHEETS

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LEGEND

—x—	FENCE LINE
—T—	FIBER LINE
—W—	WATER LINE
—SFM—	SEWER FORCE MAIN
—E—	ELECTRICAL LINE
—G—	GAS LINE
—TD—	TREE DRIP LINE
⊙	SEWER MANHOLE
⊙	DRAIN MANHOLE
⊙	GAS VALVE
⊙	WATER VALVE
⊙	TELEPHONE PEDESTAL
⊙	FIRE HYDRANT
ABOX	ABOVE GROUND BOX
UBOX	UNDER GROUND BOX
○	LIGHT POLE
▨	REQ'D 5" CONC. PAVING
▨	PROPOSED EDGE OF HARD SURFACE
—	GRADE BREAKES
—	SWALES/DITCHES
▨	REMOVAL AREAS

GENERAL NOTES:

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2. ALL CONCRETE PAVING SHALL BE ADA COMPLIANT.
 - MAX CROSS SLOPE: 2%
 - MIN CROSS SLOPE: 0.75%
 - MAX SLOPE IN DIRECTION OF TRAVEL: 5%
 - MAX RAMP: 1:12 (MAX ROSE 6")
3. PLEASE REPORT ANY DISCREPANCIES TO BOTH THE CIVIL ENGINEER AND ARCHITECT FOR DIRECTION.
4. THE SLOPE OF THE PICKLE BALL COURTS SHALL BE A MAX. OF 1.00% & A MIN. OF 0.83%.
5. SHAPE ALL GREEN AREAS TO DRAIN DRESS UP 2" TO 4" (OR LOWER IF INDICATED ON PLANS) OF THE EDGE OF PAVEMENT AND SLOPE AWAY TO DITCHES, SWALES, CATCH BASINS, OR PONDS. GROUND SLOPE EXTERIOR OF THE PAVEMENT EDGE SHALL SLOPE AT A 3:1 MAX.
6. EXISTING SWALES SHALL BE MUCKED OUT AND BACKFILLED WITH SELECT FILL IN 8" LOOSE LIFTS COMPACTED TO 95% STANDARD PROCTOR.
7. ALL FILL SHALL BE SELECT FILL AND SHALL BE PLACED IN 8" LOOSE LIFTS COMPACTED TO 95% STANDARD PROCTOR.
8. PLEASE REFER TO C2.2 GRADING PLAN SHEET FOR MORE DETAILS.

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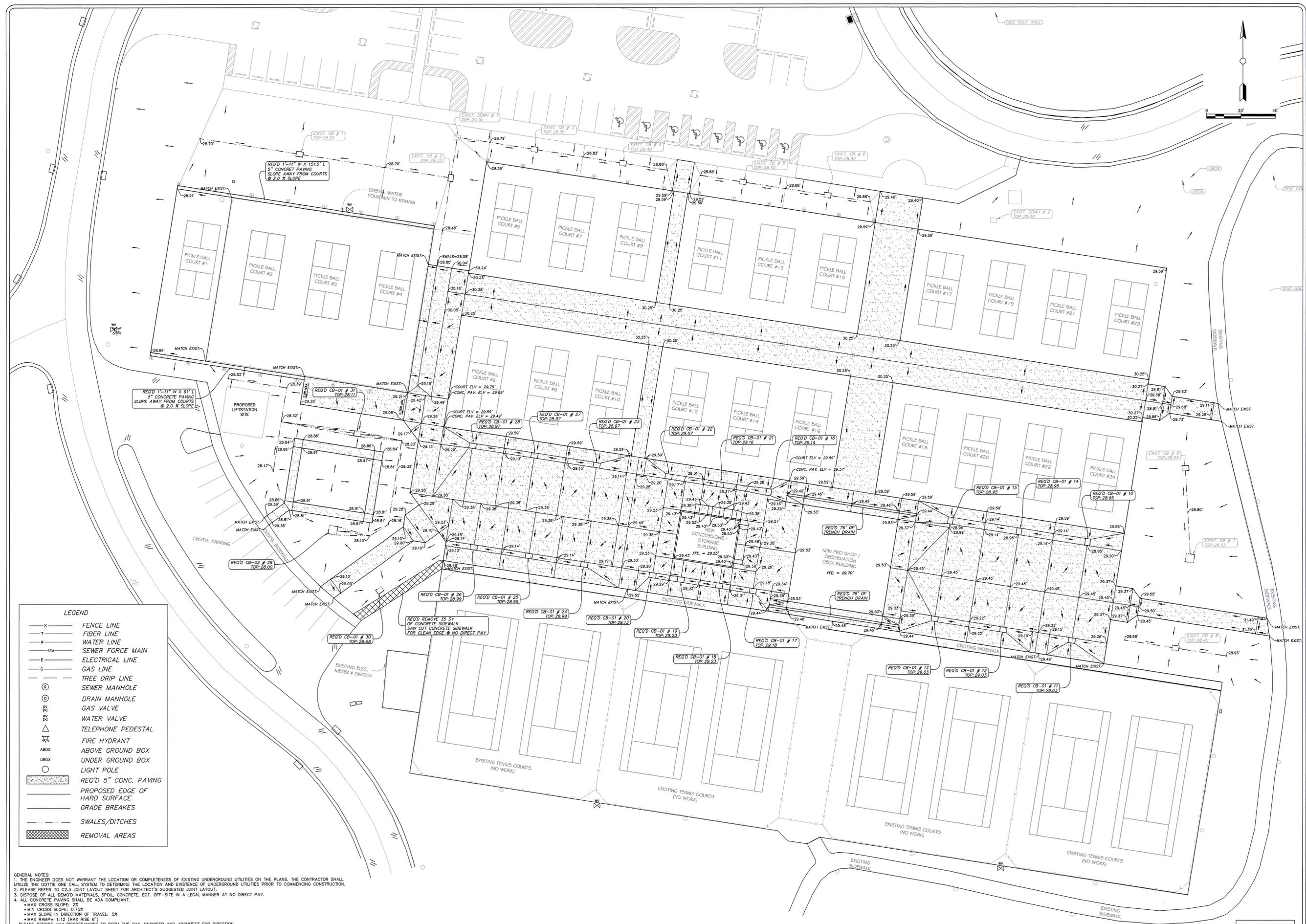
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C2.1
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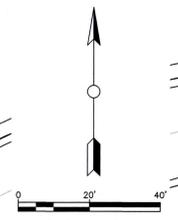
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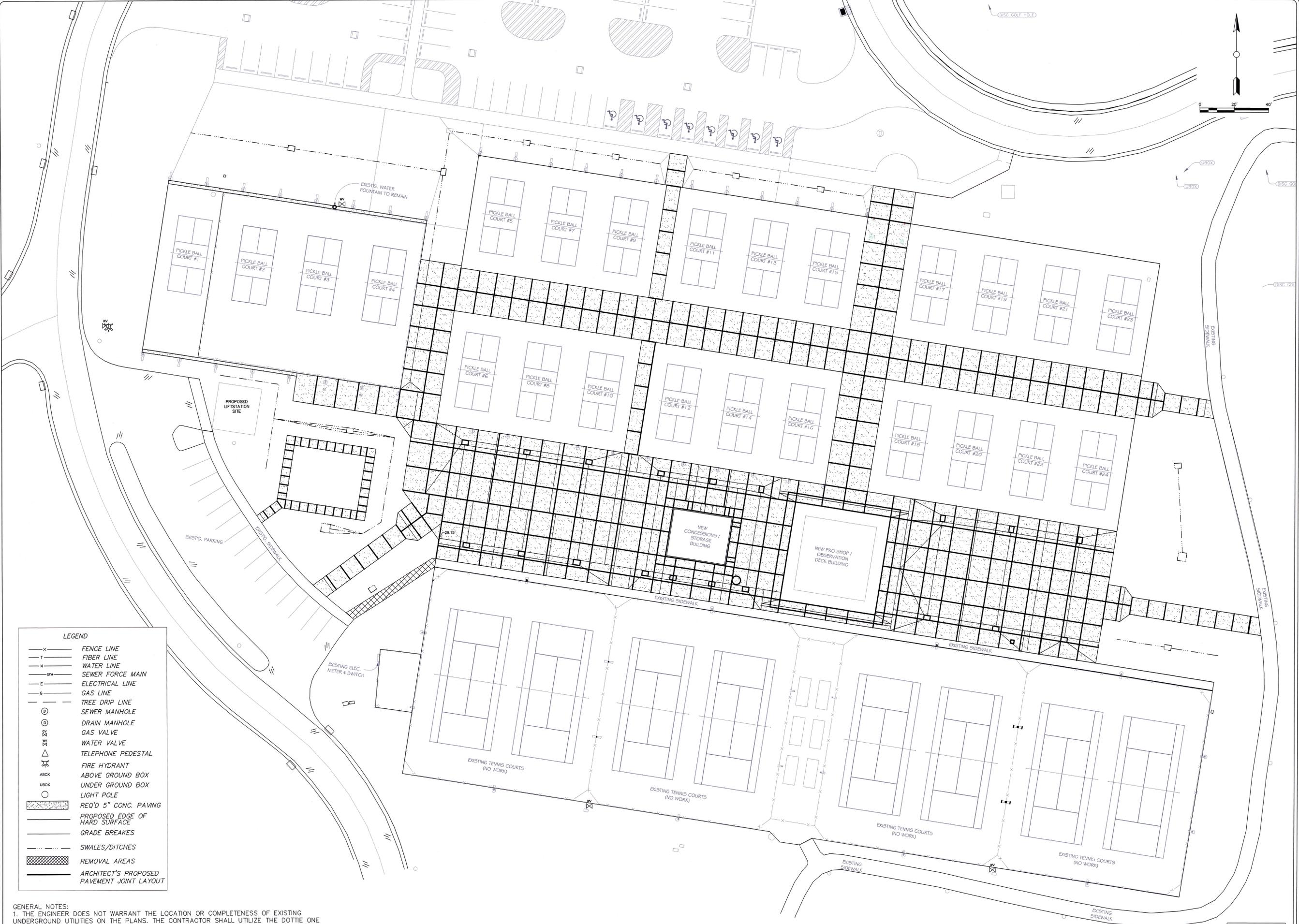
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 MAXIMUM CONTROL JOINT SPACING IS 12.5'X12.5'. EXPANSION JOINT SPACING SHALL NOT EXCEED 50'.
 ARCHITECT'S PROPOSED PAVEMENT JOINT LAYOUT IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY. THE CONTRACTOR SHALL SUBMIT A PAVEMENT JOINT LAYOUT TO ARCHITECT FOR APPROVAL.

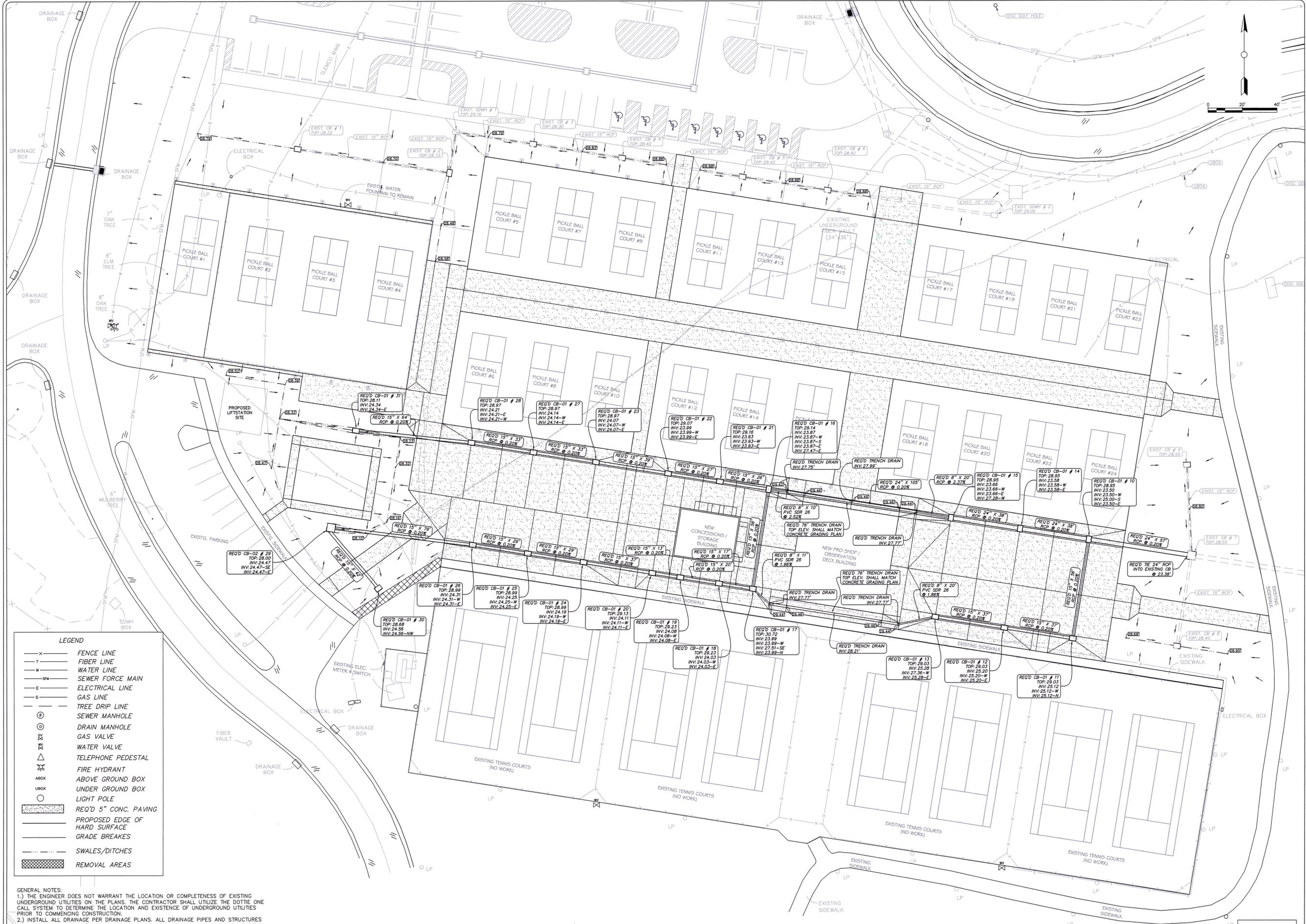


LEGEND

- X— FENCE LINE
- T— FIBER LINE
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- SW— SEWER FORCE MAIN
- E— ELECTRICAL LINE
- G— GAS LINE
- TD— TREE DRIP LINE
- ⊙ SEWER MANHOLE
- ⊙ DRAIN MANHOLE
- ⊙ GAS VALVE
- ⊙ WATER VALVE
- ⊙ TELEPHONE PEDESTAL
- ⊙ FIRE HYDRANT
- ABOX ABOVE GROUND BOX
- UBOX UNDER GROUND BOX
- LIGHT POLE
- ▨ REQ'D 5" CONC. PAVING
- ▬ PROPOSED EDGE OF HARD SURFACE
- ▬ GRADE BREAKES
- ▬ SWALES/DITCHES
- ▨ REMOVAL AREAS
- ▬ ARCHITECT'S PROPOSED PAVEMENT JOINT LAYOUT

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—T—	FIBER LINE
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—SM—	SEWER FORCE MAIN
—E—	ELECTRICAL LINE
—G—	GAS LINE
—D—	TREE DRIP LINE
⊙	SEWER MANHOLE
⊙	DRAIN MANHOLE
⊙	GAS VALVE
⊙	WATER VALVE
⊙	TELEPHONE PEDESTAL
⊙	FIRE HYDRANT
⊙	ABOVE GROUND BOX
⊙	UNDER GROUND BOX
⊙	LIGHT POLE
▨	REQD 5" CONC. PAVING
—	PROPOSED EDGE OF HARD SURFACE
—	GRADE BREAKS
—	SWALES/DITCHES
▨	REMOVAL AREAS

GENERAL NOTES:

- 1.) THE ENGINEER DOES NOT WARRANT THE LOCATION OR COMPLETENESS OF EXISTING UNDERGROUND UTILITIES ON THE PLANS. THE CONTRACTOR SHALL UTILIZE THE DOTTE ONE CALL SYSTEM TO DETERMINE THE LOCATION AND EXISTENCE OF UNDERGROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION.
- 2.) INSTALL ALL DRAINAGE PER DRAINAGE PLANS. ALL DRAINAGE PIPES AND STRUCTURES SHALL BE BACKFILLED W/ SUITABLE EARTHEN FILL TO 97% STANDARD PROCTOR DENSITY. FILL SHALL BE PLACED IN 6" LOOSE LIFTS. BACKFILL USING OTHER MATERIALS SHALL BE APPROVED BY THE ENGINEER. ALL RCP JOINTS SHALL BE WRAPPED & Banded.
- 3.) ALL CB-01S IN GREEN AREAS SHALL HAVE RETICULINE GRATES. SEE STANDARD PLANS MC-01 FOR DETAILS.
- 4.) ALL CB-01S IN PAVED AREAS SHALL HAVE TYPE E1 FRAME PER STANDARD PLANS MC-01 WITH GALVANIZED ADA GRATE FROM EAST JORDAN IRON WORKS OR APPROVED EQUAL.
- 5.) TRENCH DRAIN SHALL CONFORM TO TRENCH DRAIN DETAIL IN C5.1 PAVING DETAILS.
- 6.) ALL CATCH BASIN SHALL BE CAST-IN-PLACE. FINAL GRADE ELEVATIONS SHALL BE FIELD VERIFIED PRIOR TO FABRICATION TO ENSURE PROPER DRAINAGE.

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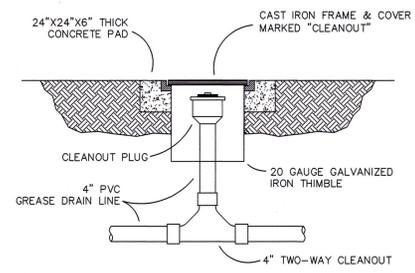
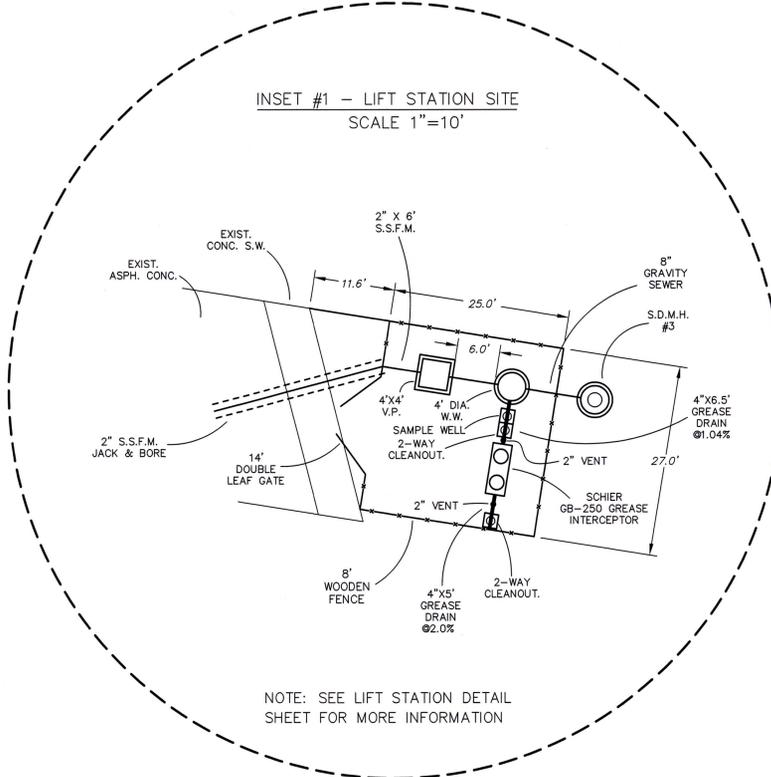
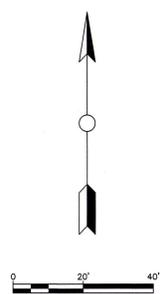


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93-035
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3.1
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THE CHANGES APPROVED BY THE ARCHITECT ARE THE ARCHITECT'S RESPONSIBILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES.

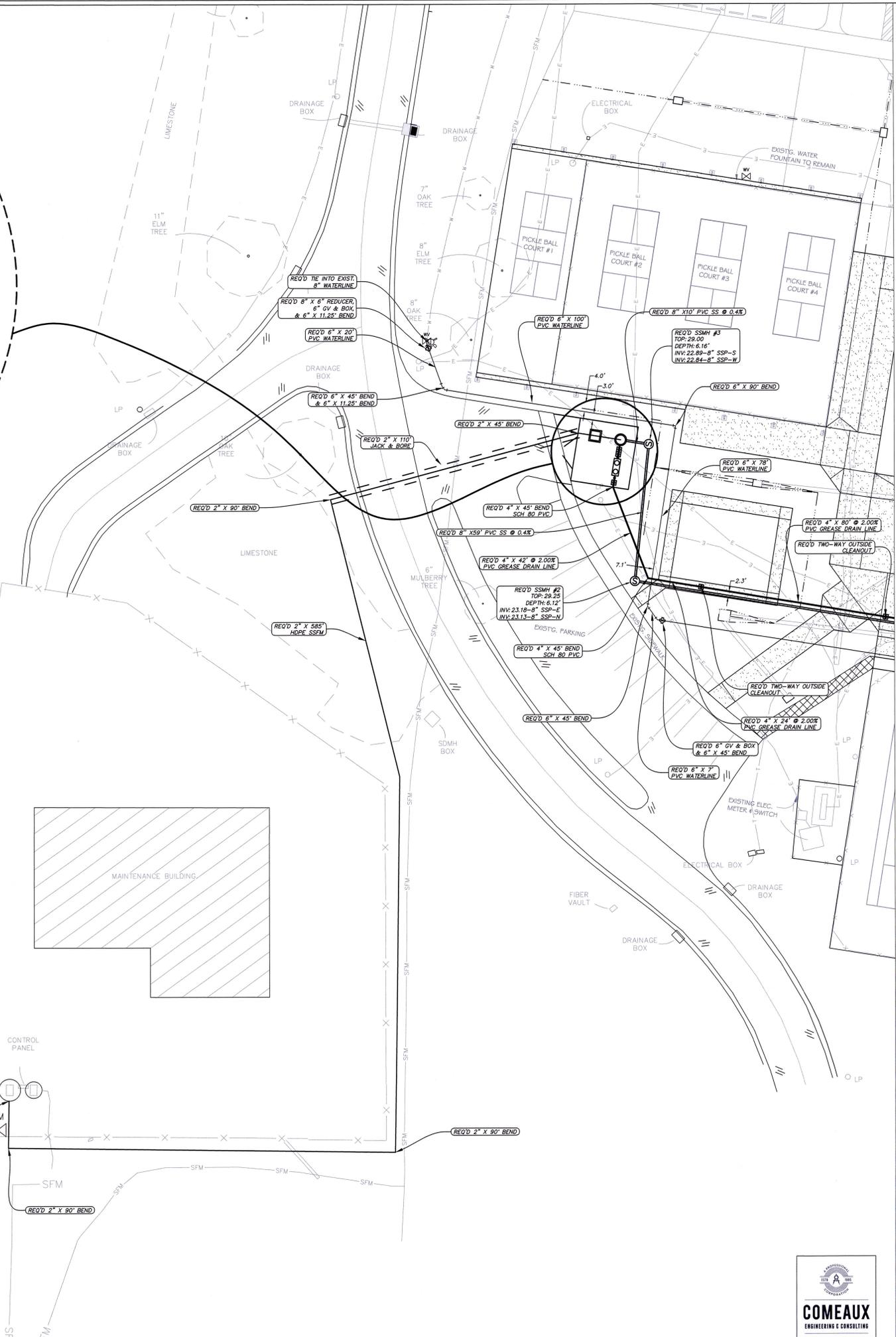




TYPICAL TWO-WAY OUTSIDE CLEANOUT DETAIL
N.T.S.

LEGEND	
—x—	FENCE LINE
—T—	FIBER LINE
—W—	WATER LINE
—SFM—	SEWER FORCE MAIN
—E—	ELECTRICAL LINE
—G—	GAS LINE
—D—	TREE DRIP LINE
⊙	SEWER MANHOLE
⊙	DRAIN MANHOLE
⊙	GAS VALVE
⊙	WATER VALVE
△	TELEPHONE PEDESTAL
⊙	FIRE HYDRANT
ABOX	ABOVE GROUND BOX
UBOX	UNDER GROUND BOX
○	LIGHT POLE
▨	REQ'D 5" CONC. PAVING
—	PROPOSED EDGE OF HARD SURFACE
—	GRADE BREAKES
---	SWALES/DITCHES
▨	REMOVAL AREAS

- GENERAL NOTES:
- 1.) THE ENGINEER DOES NOT WARRANT THE LOCATION OR COMPLETENESS OF EXISTING UNDERGROUND UTILITIES ON THE PLANS. THE CONTRACTOR SHALL UTILIZE THE DOTTIE ONE CALL SYSTEM TO DETERMINE THE LOCATION AND EXISTENCE OF UNDERGROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION.
 - 2.) GREASE DRAIN LINE SHALL BE 4" SCHEDULE 80 PVC & INSTALLED AT MINIMUM SLOPE OF 2.0%.
 - 3.) SEE LIFT STATION DETAIL SHEET FOR ELEVATIONS, DEPTHS, SIZES, LENGTHS, MODEL NO., ETC. FOR THE REQUIRED GREASE INTERCEPTOR, PUMPS, VALVES, FITTINGS, WET WELL, & VALVE PIT.
 - 4.) WATER & SEWER LINE ROAD CROSSINGS SHALL HAVE 5' OF COVER BELOW THE ROADWAY AND 3' OF COVER BELOW DITCHES OR DRAINAGE STRUCTURES.
 - 5.) SEWER LINES SHALL MAINTAIN 18" MIN. VERTICAL CLEARANCE & 6' MIN. HORIZONTAL CLEARANCE FROM WATER LINES.



MATCHLINE
SEE NEXT SHEET
UTILITY PLAN SHEET 2 OF 2

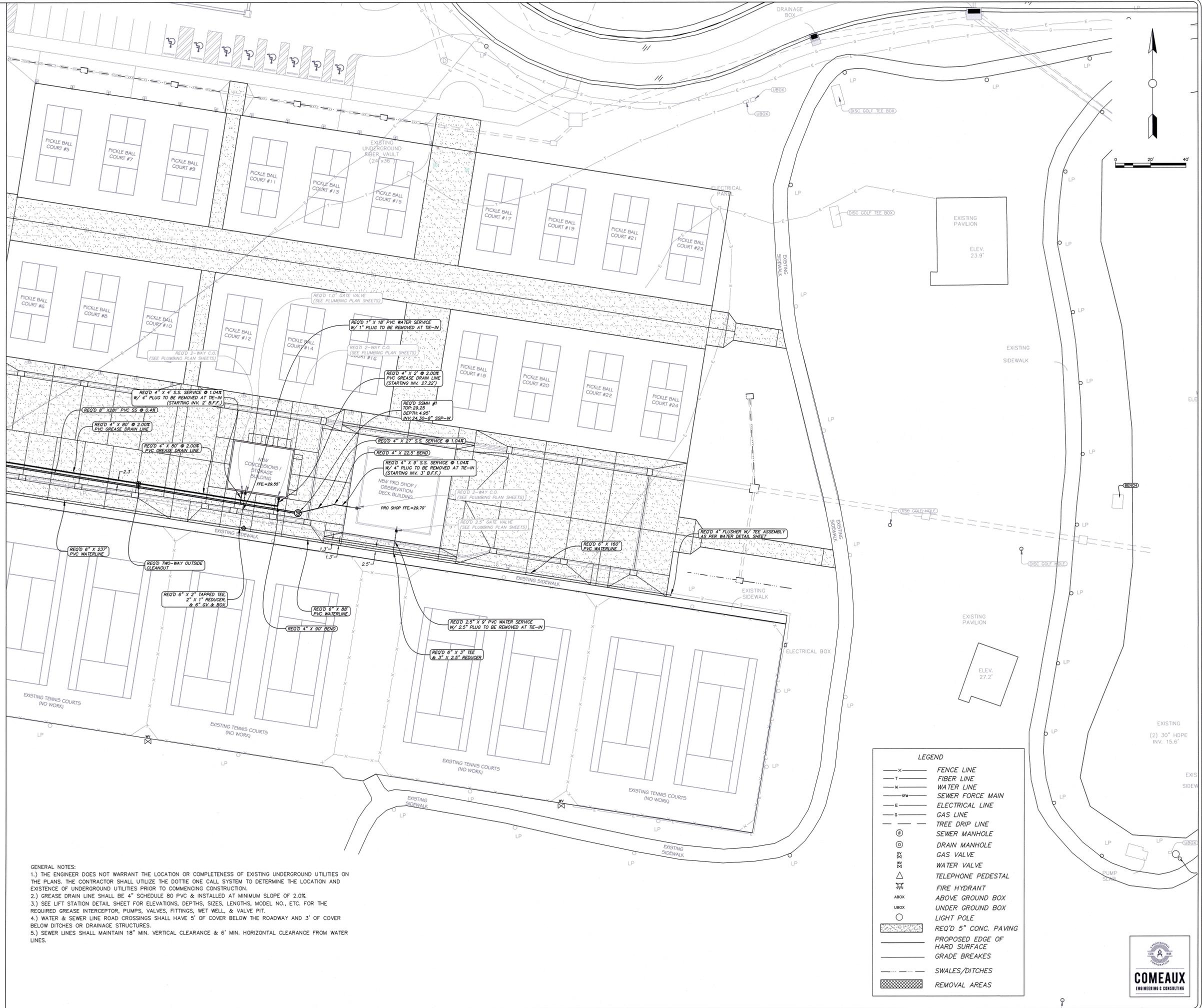


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MATCHLINE
SEE PREVIOUS SHEET
UTILITY PLAN SHEET 1 OF 2



GENERAL NOTES:
 1.) THE ENGINEER DOES NOT WARRANT THE LOCATION OR COMPLETENESS OF EXISTING UNDERGROUND UTILITIES ON THE PLANS. THE CONTRACTOR SHALL UTILIZE THE DOT/IE ONE CALL SYSTEM TO DETERMINE THE LOCATION AND EXISTENCE OF UNDERGROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION.
 2.) GREASE DRAIN LINE SHALL BE 4" SCHEDULE 80 PVC & INSTALLED AT MINIMUM SLOPE OF 2.0%.
 3.) SEE LIFT STATION DETAIL SHEET FOR ELEVATIONS, DEPTHS, SIZES, LENGTHS, MODEL NO., ETC. FOR THE REQUIRED GREASE INTERCEPTOR, PUMPS, VALVES, FITTINGS, WET WELL, & VALVE PIT.
 4.) WATER & SEWER LINE ROAD CROSSINGS SHALL HAVE 5' OF COVER BELOW THE ROADWAY AND 3' OF COVER BELOW DITCHES OR DRAINAGE STRUCTURES.
 5.) SEWER LINES SHALL MAINTAIN 18" MIN. VERTICAL CLEARANCE & 6' MIN. HORIZONTAL CLEARANCE FROM WATER LINES.

LEGEND	
—x—	FENCE LINE
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 337-504-7580
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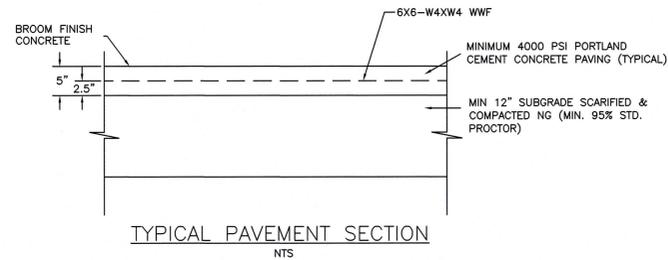
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 DANIEL HUTCHINSON
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 PROFESSIONAL ENGINEER
 IN
 CIVIL ENGINEERING

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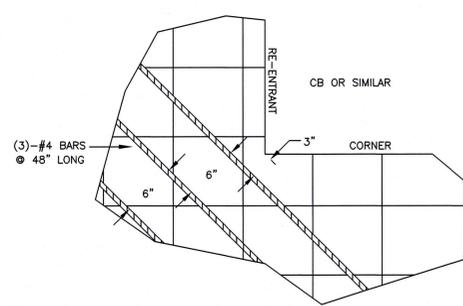
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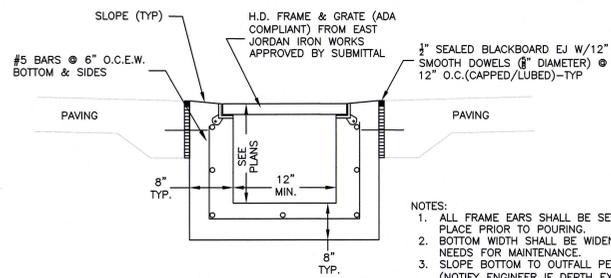
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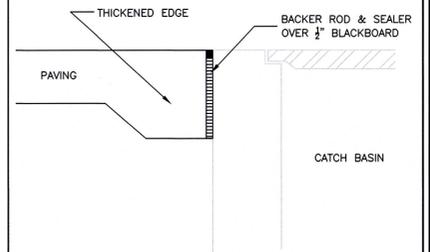
TYPICAL PAVEMENT SECTION
NTS



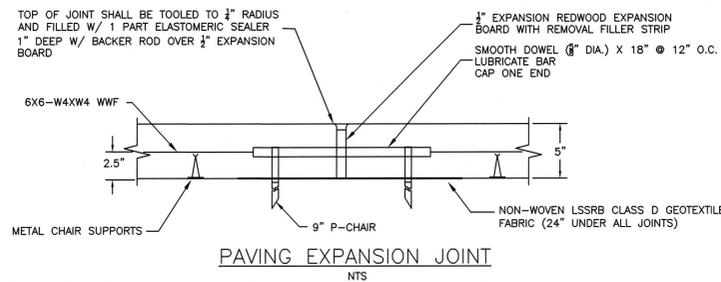
RE-ENTRANT STEEL DETAIL
N.T.S



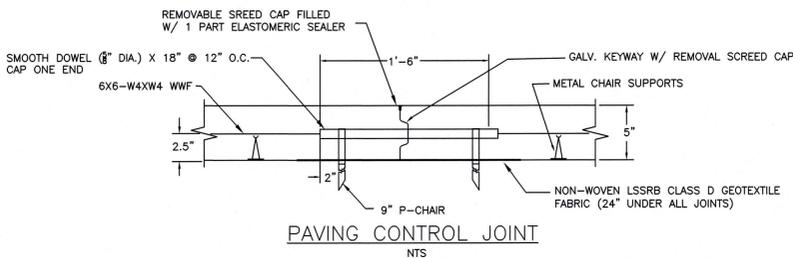
TRENCH DRAIN DETAIL
N.T.S



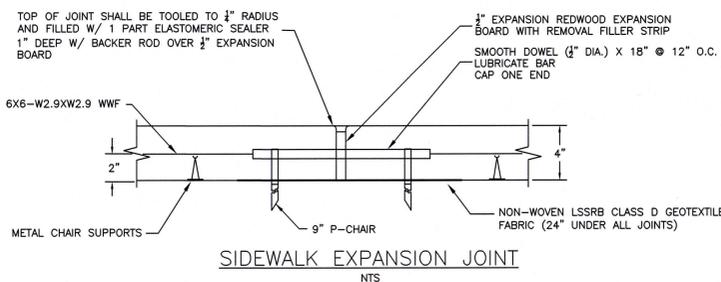
PAVING AT CATCH BASIN
N.T.S



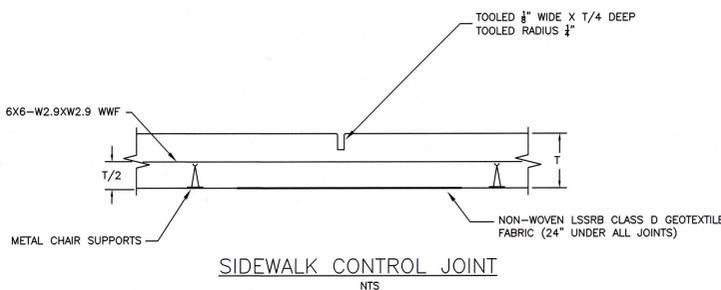
PAVING EXPANSION JOINT
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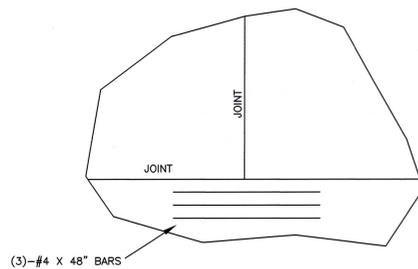
PAVING CONTROL JOINT
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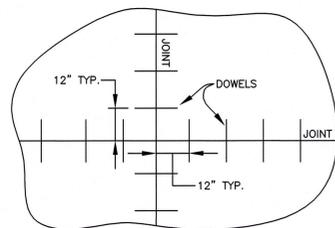
SIDEWALK EXPANSION JOINT
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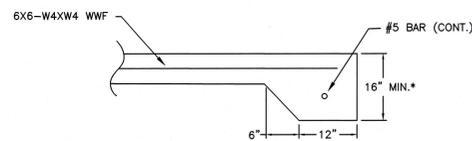
SIDEWALK CONTROL JOINT
NTS



DEAD END JOINT
N.T.S



JOINT INTERSECTION DETAIL
N.T.S



THICKENED EDGE DETAIL
NTS

- NOTES:
- THE THICKENED EDGE DETAIL SHALL BE USED AT ALL EDGES OF PAVING:
 - ABUTMENTS TO ROADS
 - ABUTMENTS TO BUILDINGS
 - ABUTMENTS TO COURTS
 - APRON ABUTMENT TO BUILDING
 - FREE EDGES OF PAVING EXTERIOR PERIMETER
 - PERIMETER OF CATCH BASIN TOPS IN CONC. PAVING
 - PERIMETER OF DUMPSTER PAD & APRON

NOTES:

- ALL SITE PAVING CONCRETE SHALL BE TYPE B OR D AS DEFINED IN 2016 LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES.
- COATED DOWEL BARS SHALL COMPLY WITH SECTION 1009.03.1 AND SECTION 1009.01.1 OF THE 2016 LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES.
- ALL REINFORCING STEEL SHALL MEET ASTM A-615 AND SHALL BE GRADE 60. LAP MIN 32", OFFSET ADJACENT LAPS 5'. WWF IS TO BE DEFORMED (NOT PLAIN) MEETING ASTM A-1064 AND GRADE 70. WWF IS TO BE SUPPLIED IN SHEETS. LAP MIN. 12".
- DO NOT SEAL PAVEMENT JOINTS UNTIL ALLOWED BY MANUFACTURES RECOMMENDATIONS. (CONCRETE MUST CURE PROPERLY, CLEAN WITH COMPRESSED AIR)
- EXTEND ALL EXPANSION JOINTS THROUGH ANY THICKENED EDGE & CURBS. EXPANSION JOINTS SHALL BE CONTINUOUS (NOT CONTROL JOINTS) WHERE INTERSECTING WITH CONTROL JOINTS.
- SHAPE ALL GREEN AREAS TO DRAIN. DRESS UP 2" TO 3" (OR LOWER IF INDICATED ON THE PLANS) OF THE EDGE OF PAVEMENT AND SLOPE AWAY TO DITCHES OR PONDS. GROUND SLOPE EXTERIOR OF THE PAVEMENT EDGE SHALL SLOPE AT A 3:1 MAX.



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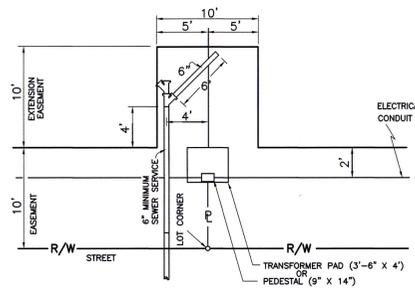
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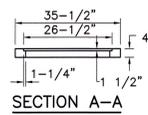
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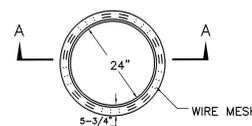
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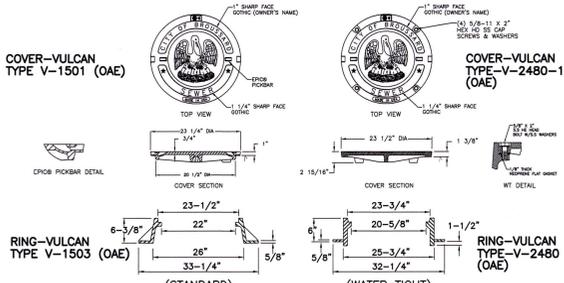
SEWER SERVICE IN UTILITIES EASEMENT



TYPICAL MAIN LINE DROP MANHOLE

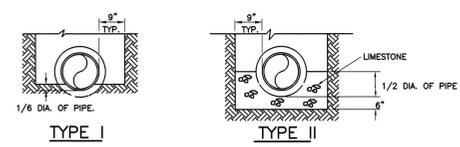


CONCRETE ADJUSTING DONUT



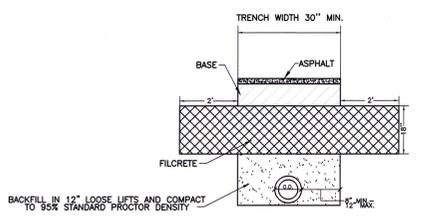
MANHOLE FRAME AND COVER

NOTES: 1) MANHOLES LOCATED OUTSIDE OF THE PAVED RIGHT-OF-WAY AND OUTSIDE OF OTHER PAVED SURFACES, SHALL USE TYPE V-1503 W/ V-1501. MANHOLES LOCATED INSIDE OF THE PAVED RIGHT-OF-WAY SURFACES OR INSIDE OTHER PAVED SURFACES, SHALL USE TYPE V-2480 W/ V-2480-1.
2) PROVIDE PLAIN CAST COVERS WITH THE DESIGNATION "SEWER" FOR PROJECTS OUTSIDE OF LUS SYSTEM

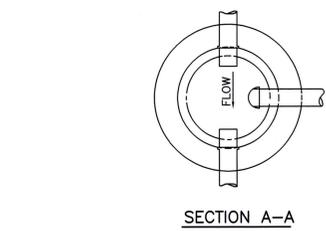


TYPICAL SEWER FOUNDATIONS

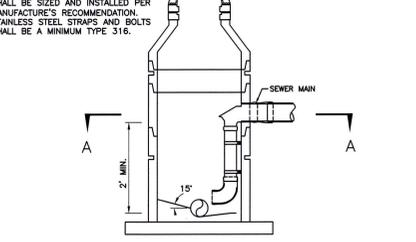
NOTE: OAE = OR APPROVED EQUAL.



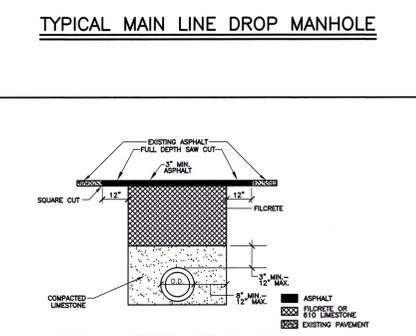
SEWER BACKFILL DETAIL NTS



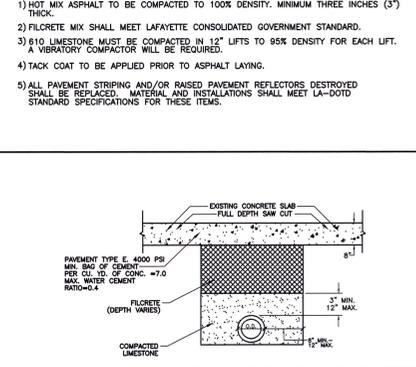
TYPICAL STREET REPAIR ASPHALT



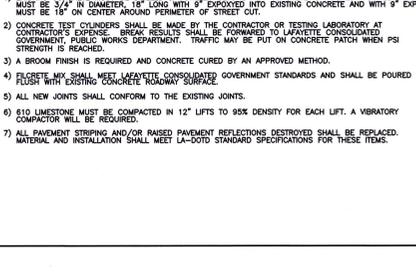
TYPICAL STREET REPAIR CONCRETE



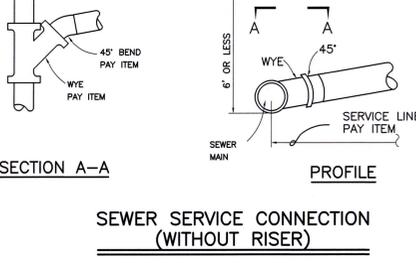
THRUST BLOCKS AT TEES



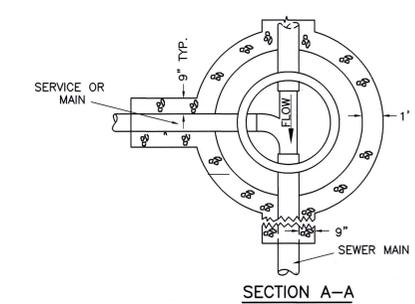
SEWER SERVICE CONNECTION (WITHOUT RISER)



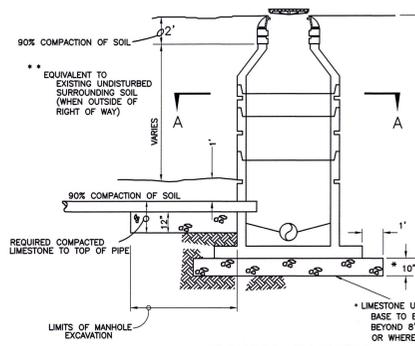
SEWER SERVICE CONNECTION (WITH RISER)



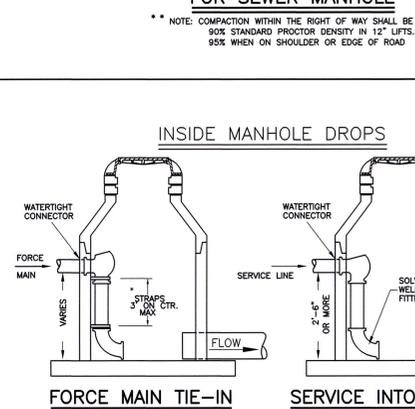
TYPICAL BACKFILL FOR SEWER MANHOLE



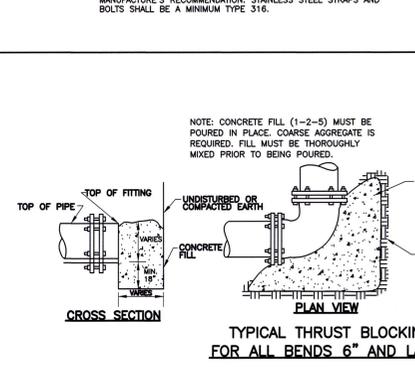
TYPICAL BACKFILL FOR SEWER MANHOLE



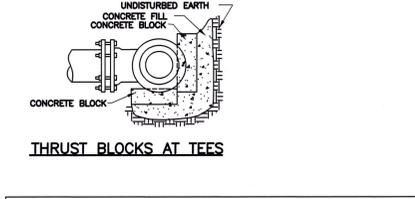
INSIDE MANHOLE DROPS



SEWER SERVICE CONNECTION (WITH RISER)

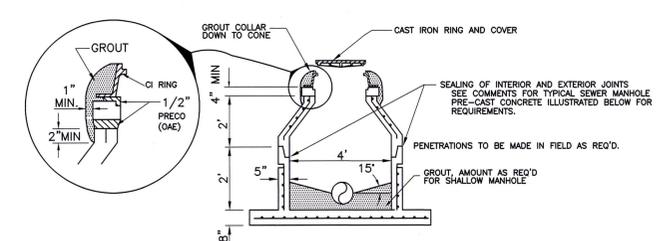


BACKFILL FOR 6" SERVICE RISER

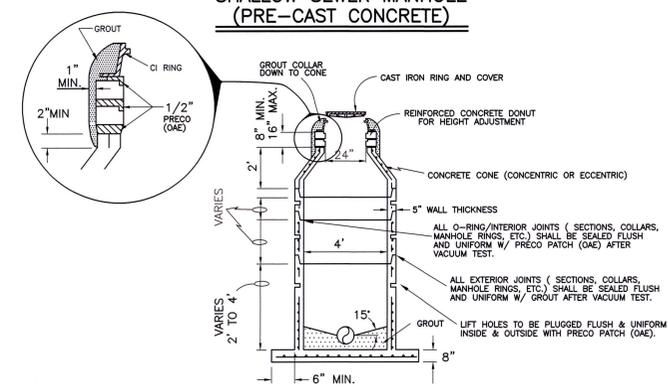


THRUST BLOCKS AT TEES

PIPE SIZE	PLUG OR 90° BEND	45° BEND	22-1/2° BEND	TEE	MINIMUM COUNT OF BLOCKS
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	

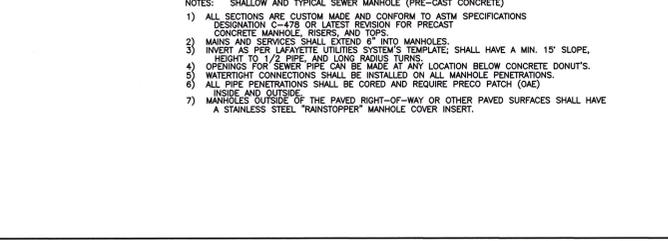


SHALLOW SEWER MANHOLE (PRE-CAST CONCRETE)

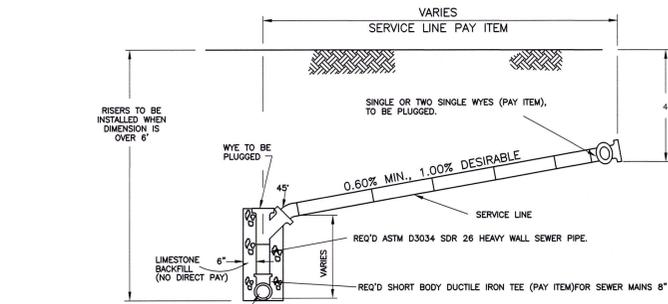


TYPICAL SEWER MANHOLE (PRE-CAST CONCRETE)

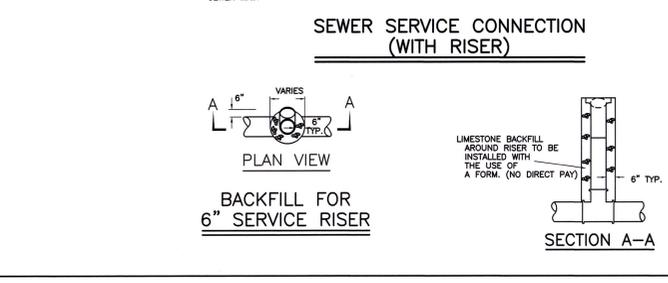
NOTES: SHALLOW AND TYPICAL SEWER MANHOLE (PRE-CAST CONCRETE)
1) ALL SECTIONS ARE CUSTOM MADE AND CONFORM TO ASTM SPECIFICATIONS DESIGNATION C-475 OR LATEST REVISION FOR PRECAST CONCRETE MANHOLE RISERS, AND TOPS.
2) MANS AND SERVICES SHALL EXTEND 6" INTO MANHOLES.
3) INVERT AS PER LAFAYETTE UTILITIES SYSTEM'S TEMPLATE; SHALL HAVE A MIN. 15' SLOPE, HEIGHT TO 1/2" PIPE AND LONG RADIUS TURNS.
4) OPENINGS FOR SEWER PIPE CAN BE MADE AT ANY LOCATION BELOW CONCRETE DONUTS.
5) WATERPROOF 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 OUTSIDE OF THE PAVED RIGHT-OF-WAY OR OTHER PAVED SURFACES SHALL HAVE A STAINLESS STEEL "RAINSTOPPER" MANHOLE COVER INSERT.



SEWER SERVICE CONNECTION (WITH RISER)



BACKFILL FOR 6" SERVICE RISER



THRUST BLOCKS AT TEES

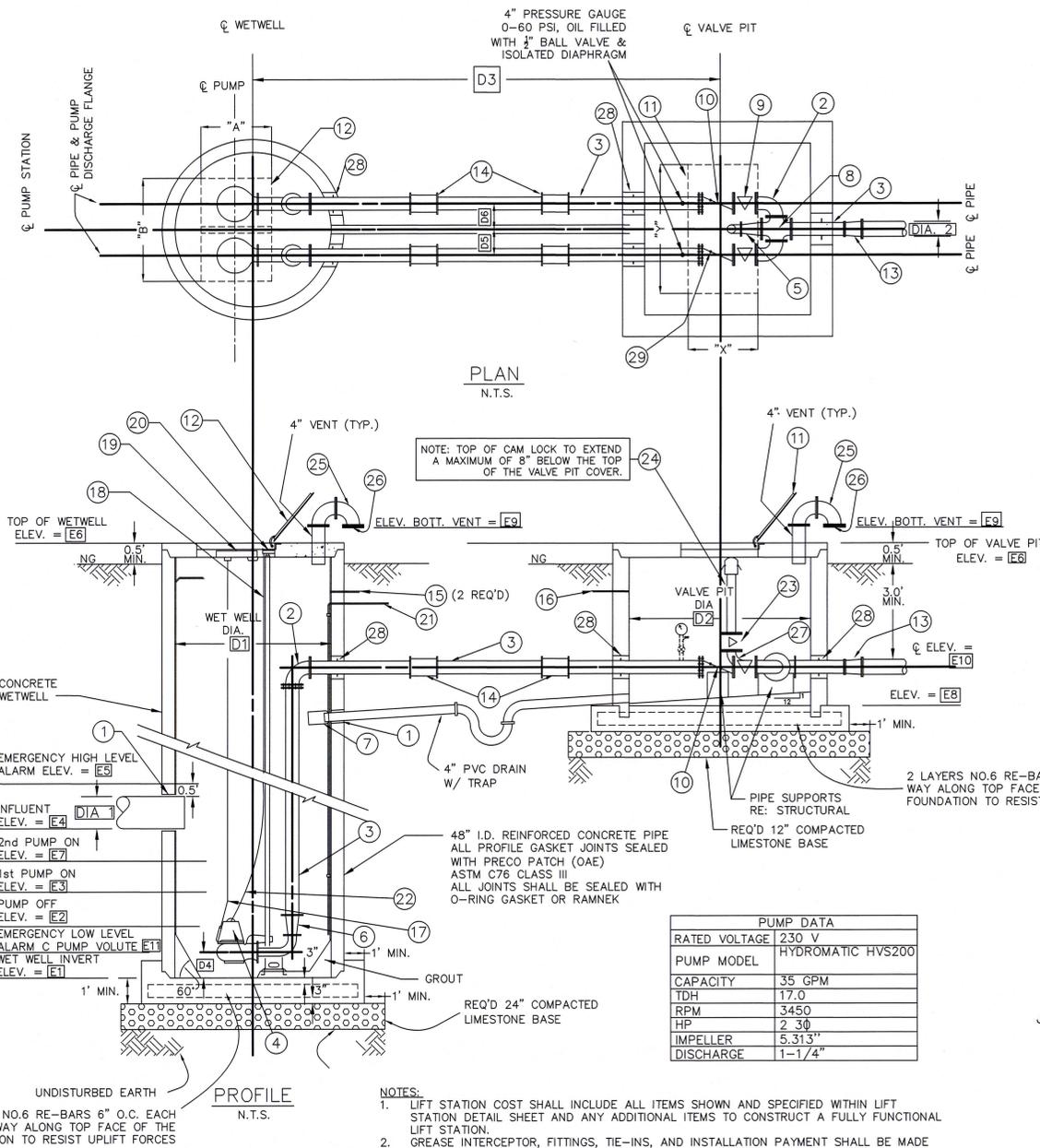
NOTE: PROJECT SHALL CONFORM TO CITY OF BROUSSARD STANDARDS

SCHEDULE OF MECHANICAL ELEMENTS		
ITEM No.	DESCRIPTION	SIZE
		P.S. NO. P.S. NO.
1	WATERTIGHT CONNECTION ASTM C923	REQ'D
2	90° D.I. BEND	2"
3	D. I. PIPE	2"
4	SUBMERSIBLE PUMP	2 H.P.
5	D. I. REDUCER *	N/A
6	D. I. REDUCER	1.25"x2"
7	FLAP VALVE	REQ'D
8	D. I. CROSS/TEE	2" X 2"
9	ECCENTRIC PLUG VALVE	2"
10	CHECK VALVE	2"
11	VALVE PIT HINGED COVER ("X" x "Y")	30"x30"
12	WET WELL HINGED COVER ("A" x "B")	***
13	D.I. REDUCER	N/A
14	FLEXIBLE COUPLING (SOLID SLEEVE)	N/A
15	PVC CONDUIT TO CONTROL PANEL	DIA AS REQ'D
16	PVC CONDUIT TO CONTROL PANEL	DIA AS REQ'D
17	PUMP POWER CABLE	REQ'D
18	S. S. GUIDE RAIL	REQ'D
19	S. S. CABLE HOLDER	REQ'D
20	S. S. GUIDE BRACKET	REQ'D
21	BUBBLER TUBE TO CONTROL PANEL W/SUPPORTS	**
22	S. S. LIFT CABLE	REQ'D
23	2" ECCENTRIC PLUG VALVE *	REQ'D
24	2" EMERGENCY PUMP OUT QUICK CONNECT COUPLER (FEMALE W/ BRONZE PLUG) *	REQ'D
25	2-4" D.I. FLANGE 90 DEGREE BENDS	REQ'D
26	4" FLANGE FILLER 3/8" LONG TO SECURE 16 STAINLESS STEEL INSECT SCREEN	REQ'D
27	2" D.I. FLANGE 90 DEGREE BEND *	N/A
28	WALL PIPE	REQ'D
29	LIMIT SWITCH	N/A

- * WHEN NOT REQ'D, CONTRACTOR SHALL SUBSTITUTE INSTALLATION OF THE QUICK CONNECT WITH A TEE FITTING AT (8)
- ** FLOAT SWITCHES SHALL BE USED IN LIEU OF A BUBBLER SYSTEM
- *** 1) PREFABRICATED ALUMINUM COVER (PADLOCK TYPE) 30" X 30" MIN. OPENING.
- 2) THE ACTUAL CLEAR OPENING OF THE WET WELL ACCESS HATCH FRAME SHALL PROVIDE A MINIMUM OF 3-1/2 INCHES CLEARANCE BEHIND THE PUMP OPPOSITE THE DISCHARGE AND MINIMUM OF 2-1/1 INCHES CLEARANCE ON THE SIDE OF THE PUMP
- 3) DOUBLE LEAF ACCESS HATCH COVERS ARE REQUIRED FOR WETWELLS WITH INTERNAL DIAMETERS GREATER THAN 72" ID
- 4) WETWELL ACCESS HATCHES SHALL BE PROVIDED WITH A HINGED GRATING PANEL TO PROVIDE A SAFETY SYSTEM FOR FALL THROUGH PROTECTION

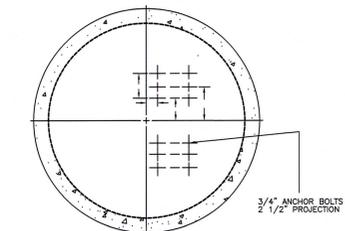
SCHEDULE OF DIAMETERS, ELEVATIONS AND DIMENSIONS																				
P.S. No.	DIAMETERS (IN)			ELEVATIONS (NAVD 88)								DIMENSIONS (AS NOTED)								
	DIA.	D1	D2	E1	E2	E3	E4	E5	E6	E7	E8	E9	E10	E11	D1	D2	D3	D4	D5	D6
1	8"	2"		16.86	18.86	19.86	22.80	21.69	29.50	20.36	25.03	30.00	25.83	N/A	4'	4' SQR	11.0'	A.M.R.	A.M.R.	A.M.R.
	4"						20.86													

- ▲ A.M.R. - AS PER MANUFACTURERS RECOMMENDATIONS
- OR AS PER MANUFACTURERS RECOMMENDATIONS
- OR AS PER MANUFACTURERS RECOMMENDATIONS

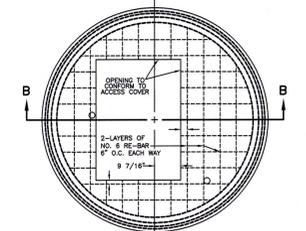


PUMP DATA	
RATED VOLTAGE	230 V
PUMP MODEL	HYDROMATIC HVS200
CAPACITY	35 GPM
TDH	17.0
RPM	3450
HP	2.30
IMPELLER	5.313"
DISCHARGE	1-1/4"

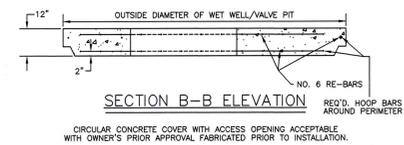
- NOTES:
- LIFT STATION COST SHALL INCLUDE ALL ITEMS SHOWN AND SPECIFIED WITHIN LIFT STATION DETAIL SHEET AND ANY ADDITIONAL ITEMS TO CONSTRUCT A FULLY FUNCTIONAL LIFT STATION.
 - GREASE INTERCEPTOR, FITTINGS, TIE-INS, AND INSTALLATION PAYMENT SHALL BE MADE UNDER LIFT STATION COST.
 - ENTIRE SITE INSIDE OF FENCING & DRIVE SHALL HAVE 6" COMPACTED LIMESTONE ON FILTER CLOTH, PAYMENT MADE UNDER LIFT STATION COST.
 - ALL WET WELL PIPE PENETRATIONS REQUIRE KOR-N-SEAL FLEXIBLE CONNECTORS (OR APPROVED EQUAL)
 - REQUIRED 2" WATER SERVICE WITH HOSE BIB WITHIN LIFT STATION SITE.
 - MERCURY FLOAT SWITCHES ARE NOT APPROVED FOR THIS INSTALLATION.
 - FASTEN ALL FLANGED FITTINGS WITH TYPE 316 STAINLESS STEEL BOLTS AND NUTS.
 - WATERSTOPS ARE REQUIRED AT THE INTERSECTION OF THE PRE-CAST SECTION AND THE CAST-IN PLACE BASE PRIOR TO INSTALLATION OF THE GROUT FILLETS.
 - ALL PIPE PENETRATIONS THRU VALVE BOX SHALL BE SEALED WITH PRECO PATCH (OAE) INSIDE PIPE DROP SYSTEM (RELINER INSIDE DROP SYSTEM OR APPROVED EQUAL). DROP SYSTEM SHALL BE SIZED AND INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. STAINLESS STEEL STRAPS AND BOLTS ARE TO BE MINIMUM TYPE 316.
 - AN ALARM LIGHT SHALL BE PROVIDED FOR THE PUMP STATION AND MOUNTED HIGH ENOUGH ABOVE THE FENCE TO BE VISIBLE FROM THE STREET. AN AUDIBLE ALARM SHALL ALSO BE INSTALLED AT LIFT STATION SITE.
 - PUMPS TO BE HYDROMATIC OAE; MEETING SPECIFICATIONS LISTED IN "REQ'D PUMP DATA" TABLE.
 - PUMPS AND CONTROL PANELS TO BE SUPPLIED BY THE CITY OF BROUSSARD.
 - ALL DISCHARGE PIPING AND FITTINGS SHALL BE 316 STAINLESS STEEL, THE CHECK VALVE SHALL BE Y PATTERN BALL CHECK VALVE BY FLOMATIC OR PRE-APPROVED EQUAL.



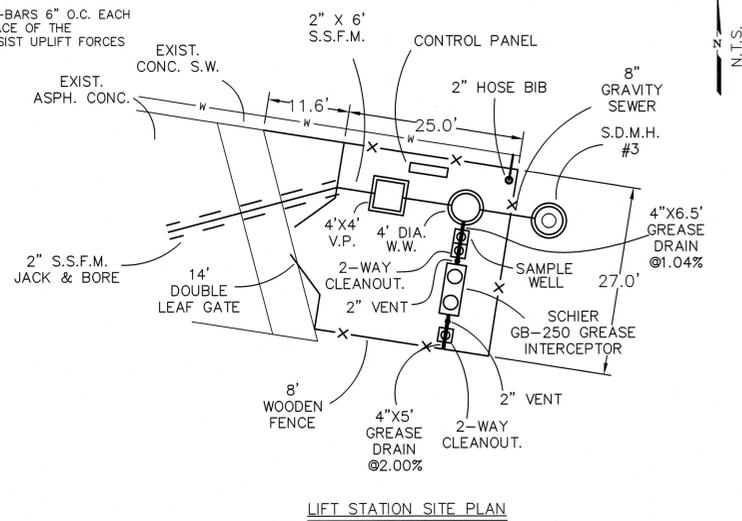
PLAN VIEW OF WET WELL BASE ANCHOR BOLTS LOCATION OR MANUFACTURERS RECOMMENDATION



PLAN VIEW OF CONCRETE COVER



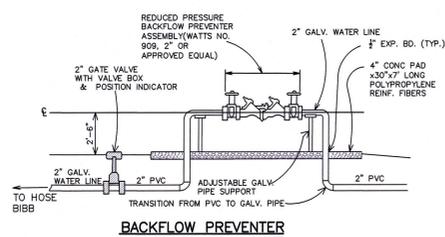
SECTION B-B ELEVATION



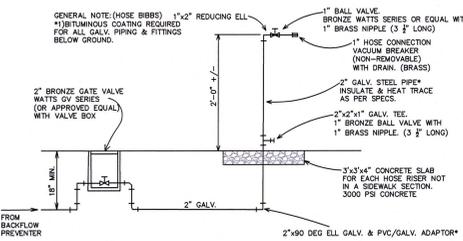
LIFT STATION SITE PLAN

GREASE INTERCEPTOR DATA	
TYPE	SCHIER; OAE
MODEL #	GB-250
PART #	4055-007-02
LIQUID CAPACITY	277 GAL
GREASE CAPACITY (200 GPM)	1,196 LBS (164 GAL)
SOLID CAPACITY	69 GAL
LENGTH	87.0'
WIDTH	33.0'
DEPTH	44"
INLET INV.	20.93'
COVER ELEV.	29.50'

- NOTES (GREASE INTERCEPTOR):
- ENTIRE SITE INSIDE OF FENCING & DRIVE SHALL HAVE 6" COMPACTED LIMESTONE ON FILTER CLOTH, PAYMENT MADE UNDER LIFT STATION COST.
 - GREASE INTERCEPTOR SHALL BE SCHIER GB-250 OAE; MEETING SPECIFICATIONS LISTED IN "GREASE INTERCEPTOR DATA"
 - "GREASE INTERCEPTOR DATA"
 - SHALL DEPTH OF INFLUENT BE GREATER THAN 13.5" FROM SET COVER ELEVATION. CONTRACTOR SHALL UTILIZE SCHIER FIELD CUT RISERS, MODEL FCR2 OAE. RISERS SHALL BE INSTALLED PER MANUFACTURER RECOMMENDATION.
 - INLET & OUTLET FITTING CONNECTIONS TO GREASE INTERCEPTOR SHALL BE INCLUDED IN PRICE OF GREASE INTERCEPTOR.
 - THIS WORK SHALL COMPLY WITH ALL NATIONAL, STATE, LOCAL ORDINANCES AND CODES.
 - THE 4" DISCHARGE PIPING INTO THE LIFT STATION SHALL HAVE A FLAP VALVE ON THE END OF THE DISCHARGE.



BACKFLOW PREVENTER



HOSE BIB ABOVE GROUND

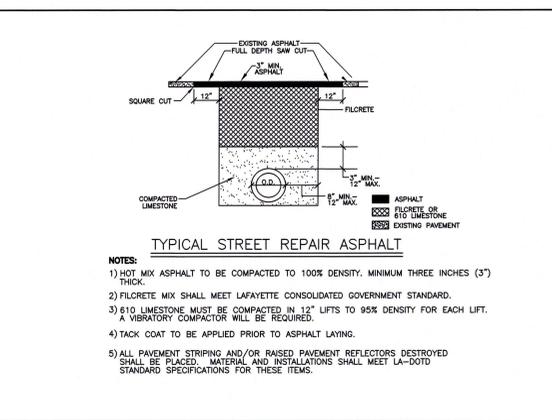
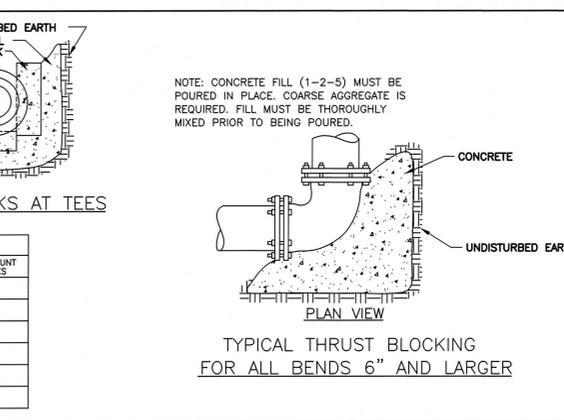
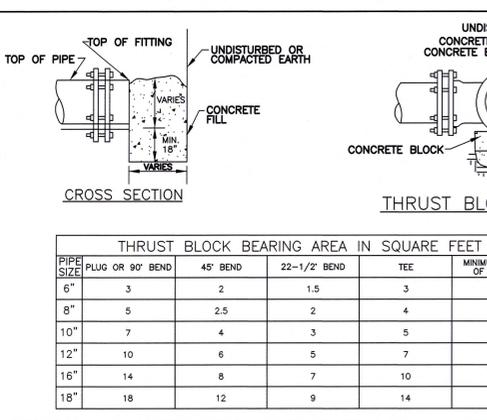
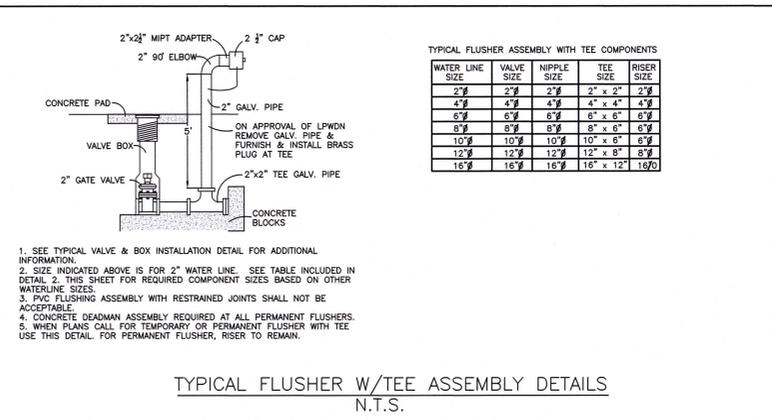
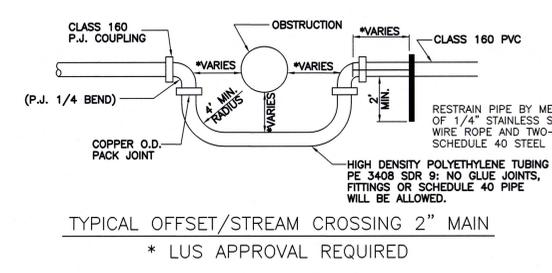
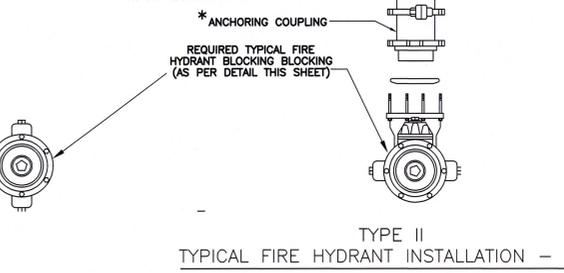
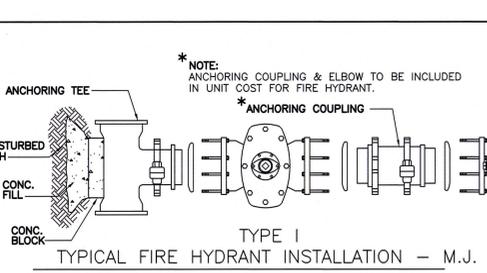
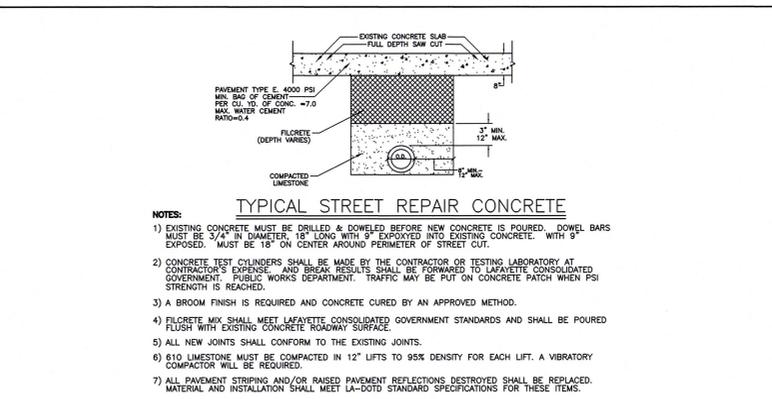
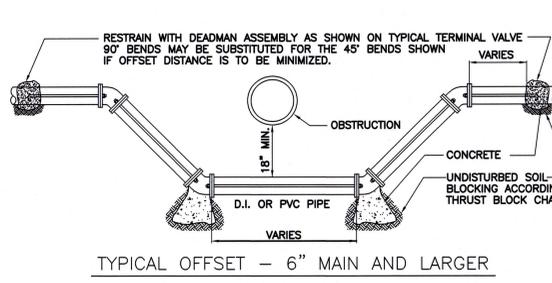
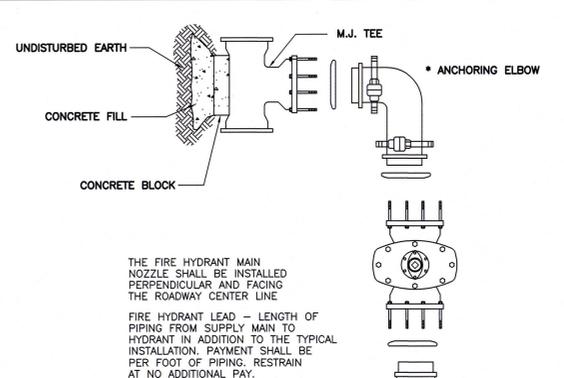
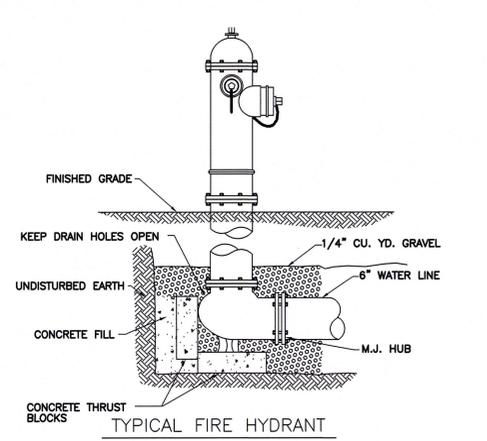
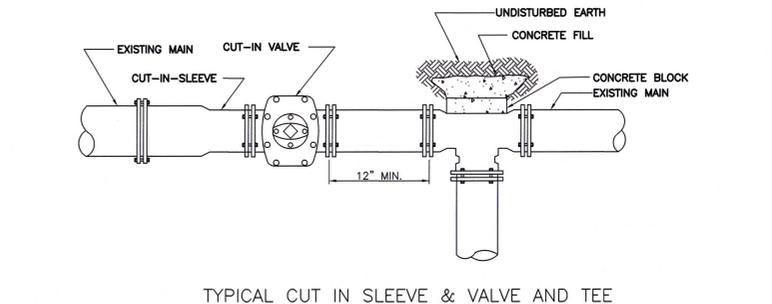
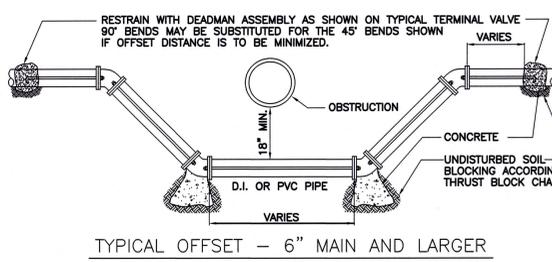
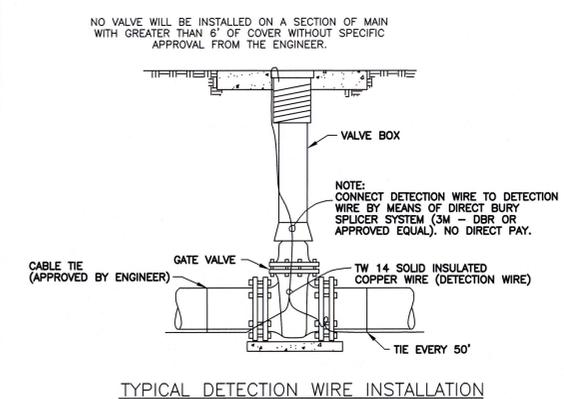
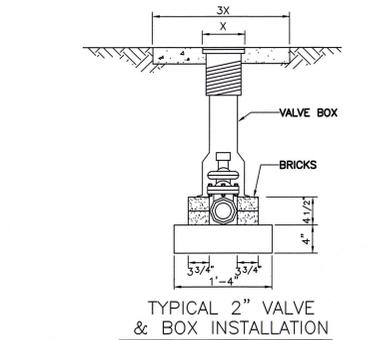
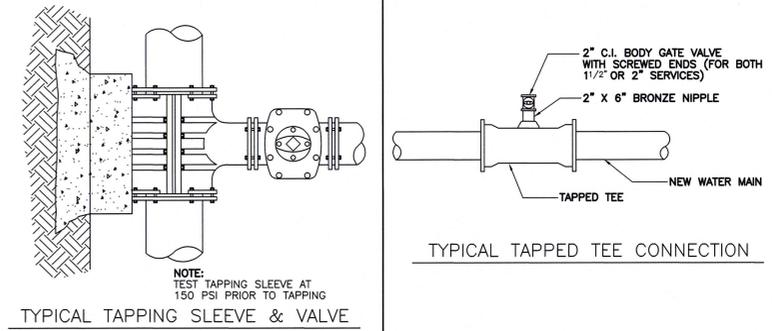
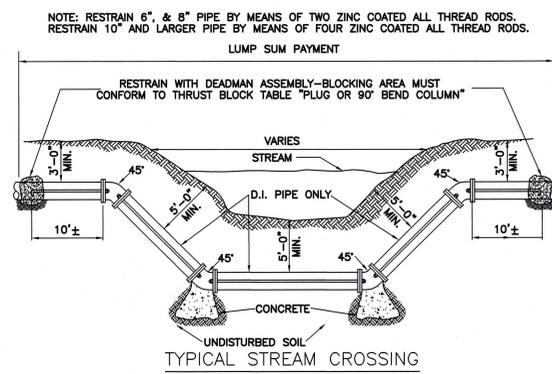
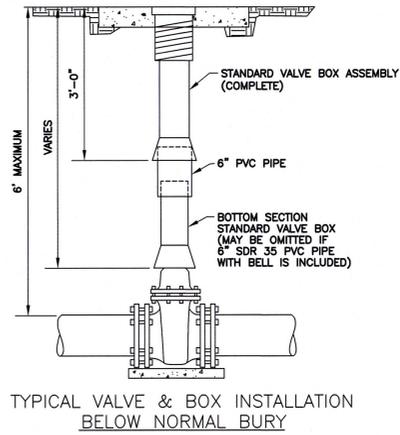
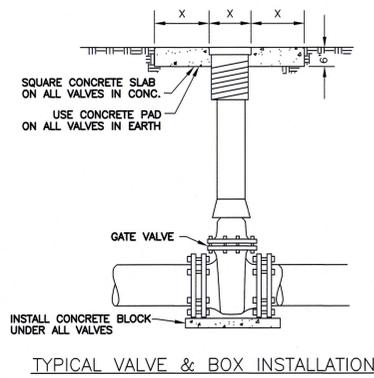


DRAWN BY:
D.R.H.
DATE:
01-05-26
REVISION NO./ DATE

JOB NO.
23-035
SHEET

C5.3
13 OF 97 SHEETS

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GENERAL:

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

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

REQUIREMENTS

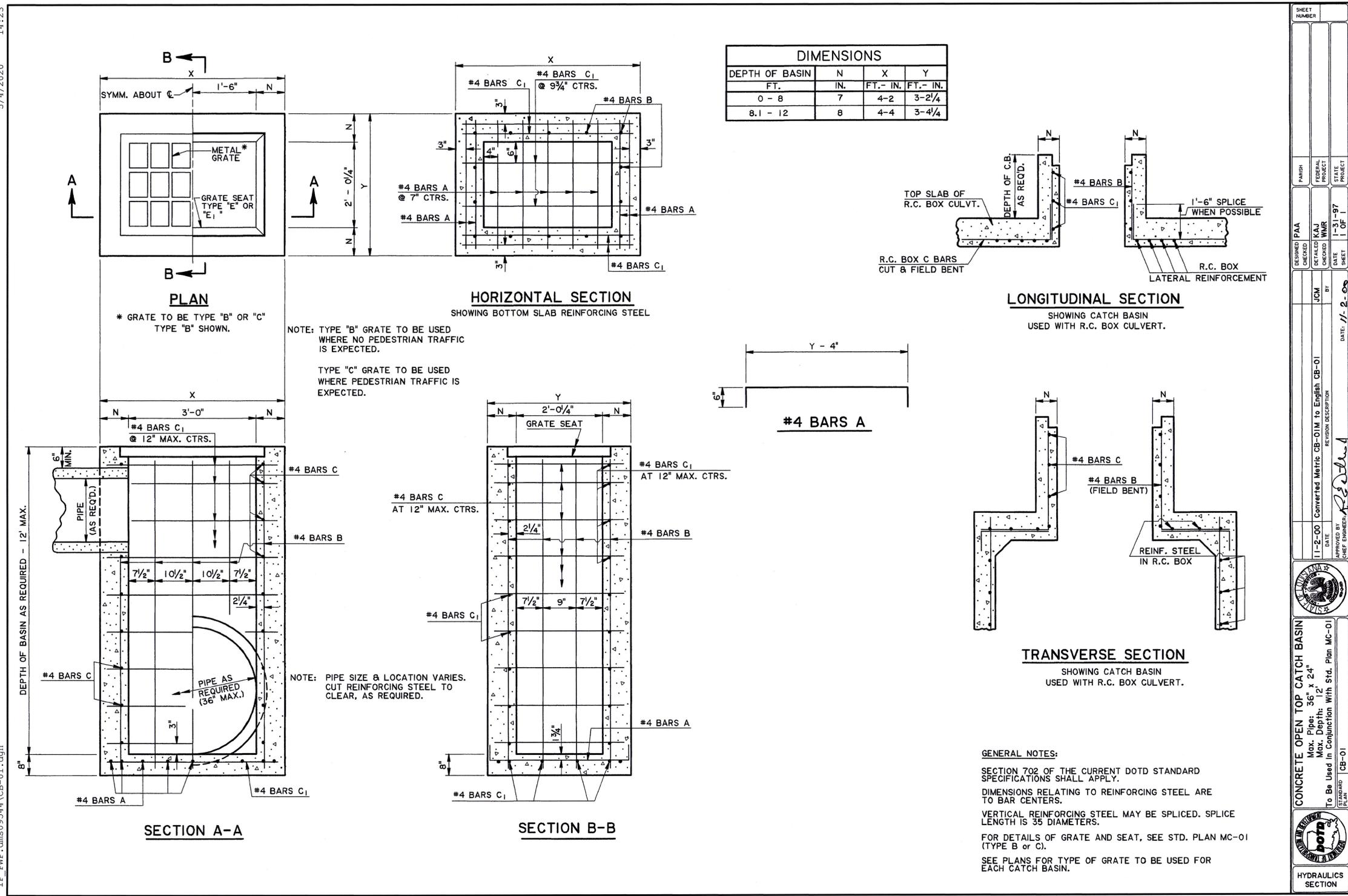
- ALL FIRE HYDRANTS AND VALVE BOXES SHALL BE INSTALLED TO MATCH THE FINISHED ELEVATION/GRADE.
- ALL FITTINGS, VALVES AND FIRE HYDRANTS MUST BE SUPPORTED THROUGHOUT BY CONCRETE BLOCKING.
- BOLTS MUST BE OPERABLE (FREE OF CONCRETE).
- ALL FITTINGS, VALVES AND FIRE HYDRANTS, PIPE AND SERVICE TUBING MUST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

NOTE: PROJECT OUTSIDE OF THE CITY OF LAFAYETTE INSTALLATION SHALL CONFORM TO THE CITY OF BROUSSARD STANDARDS

NOTE: THIS SHEET HAS BEEN ADAPTED FROM CITY OF LAFAYETTE STANDARDS

5/4/2020 14:23

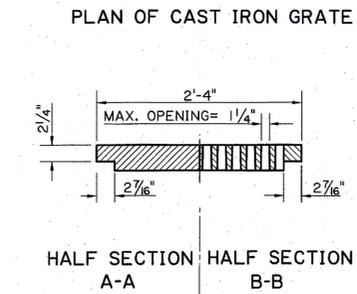
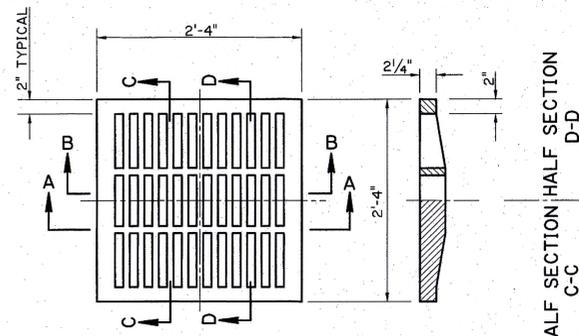
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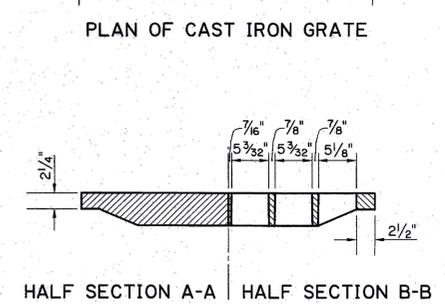
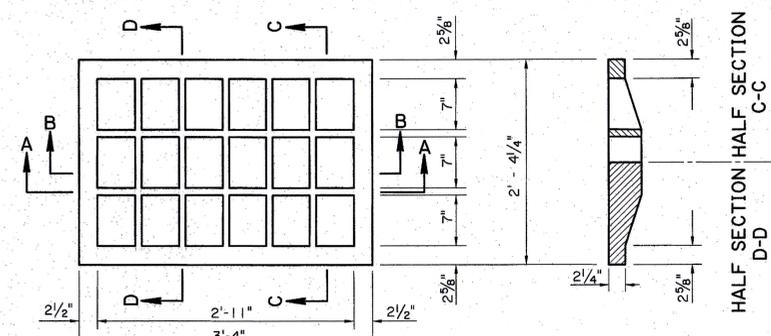
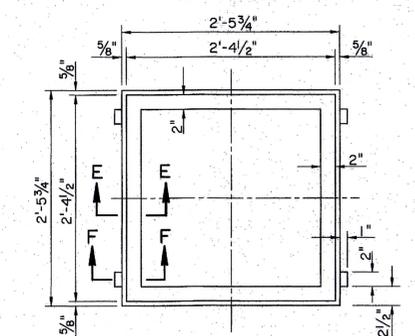
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DATE	1-2-00	REVISION DESCRIPTION	Converted Metric CB-OIM to English CB-01
APPROVED BY	<i>[Signature]</i>	DATE	1-31-97
CHIEF ENGINEER		SHEET	1 OF 1
PROJECT		STATE	LA
		FEDERAL	
		PROJECT	



"THESE STANDARD PLANS HAVE BEEN PROPERLY EXAMINED BY ME, THE UNDERSIGNED LOUISIANA PROFESSIONAL ENGINEER. I HAVE DETERMINED THAT THESE PLANS COMPLY WITH ALL APPLICABLE LOUISIANA CODES AND HAVE BEEN PROPERLY SITE ADAPTED TO USE IN THIS AREA."



TYPE "A"
CAST IRON GRATE & FRAME
MIN. OPENING = 290 SQ. IN. AREA



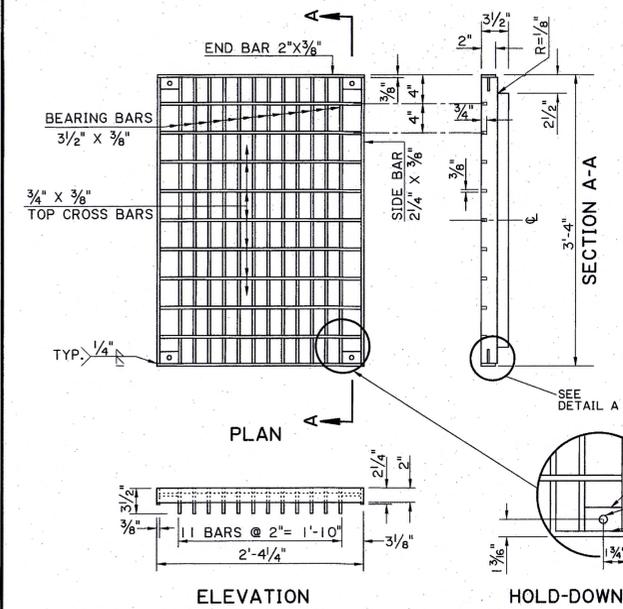
TYPE "B"
CAST IRON GRATE

NOTE: UNLESS OTHERWISE STATED, TYPE "E" FRAME WILL BE USED WITH THIS GRATE.

TYPE "C"

STEEL DRAIN GRATE

- NOTES:
1. GRATES TO BE GALVANIZED AFTER FABRICATION.
 2. UNLESS OTHERWISE STATED, TYPE "E" FRAME IS TO BE USED WITH THESE GRATES. (SEE SHEET 2)
 3. SUPPLIER OF GRATE ALSO IS TO FURNISH PRE-FITTED GRATE FRAME.



WELDED & SEALED DRAIN GRATE

ALL JOINTS FULL DEPTH 1/4" FILLET WELDS WITH SEAL WELDS TOP AND BOTTOM UNLESS NOTED OTHERWISE.

ALL BEARING BARS TO BE SET FLUSH ON GRATE FRAME.

WEIGHT OF DRAIN GRATE = 233 LBS. ± 5%

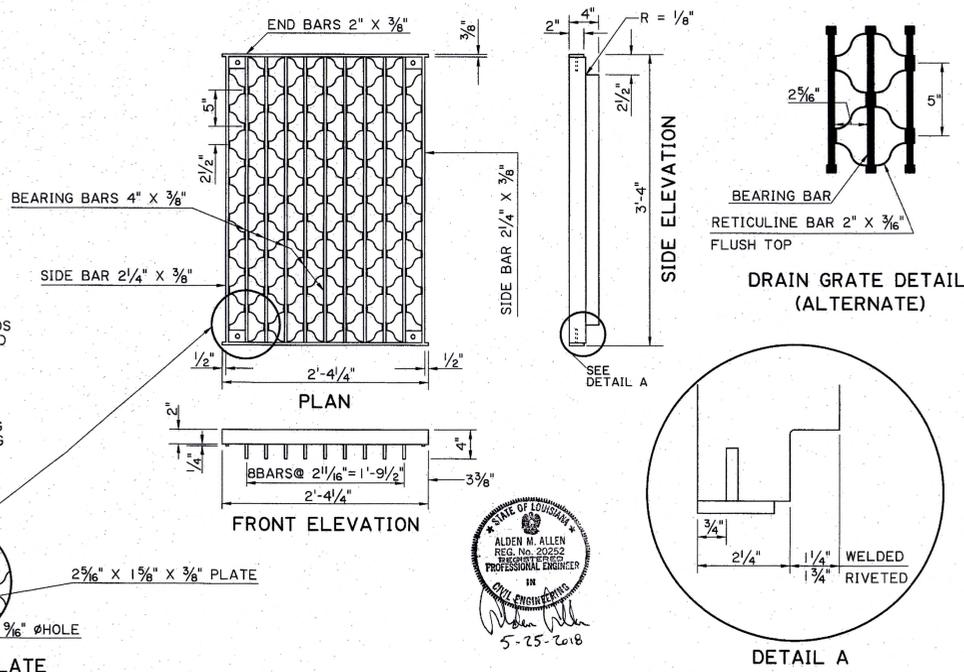
RIVETED RETICULINE DRAIN GRATE (ALTERNATE)

ALL JOINTS FULL DEPTH 1/4" FILLET WELDS WITH SEAL WELDS TOP AND BOTTOM UNLESS NOTED OTHERWISE.

ALL BEARING BARS TO BE SET FLUSH ON GRATE FRAME.

CENTER TO CENTER OF BEARING BARS EQUAL 2 5/16" PLUS BEARING BAR THICKNESS.

WEIGHT OF DRAIN GRATE = 266 LBS. ± 5%



DESIGNED	AMA	PARISH	
CHECKED	AMA	CONTROL	
DATE	9/20/17	STATE	LA
REVISION DESCRIPTION		PROJECT	
BY		SHEET NUMBER	1 OF 6
DATE	5/25/18		
APPROVED BY			
CHIEF ENGINEER			
DETAILS OF GRATES, GRATE FRAMES AND COVERS FOR CATCH BASINS AND MANHOLES			
HYDRAULICS SECT. STANDARD 1MC-01			

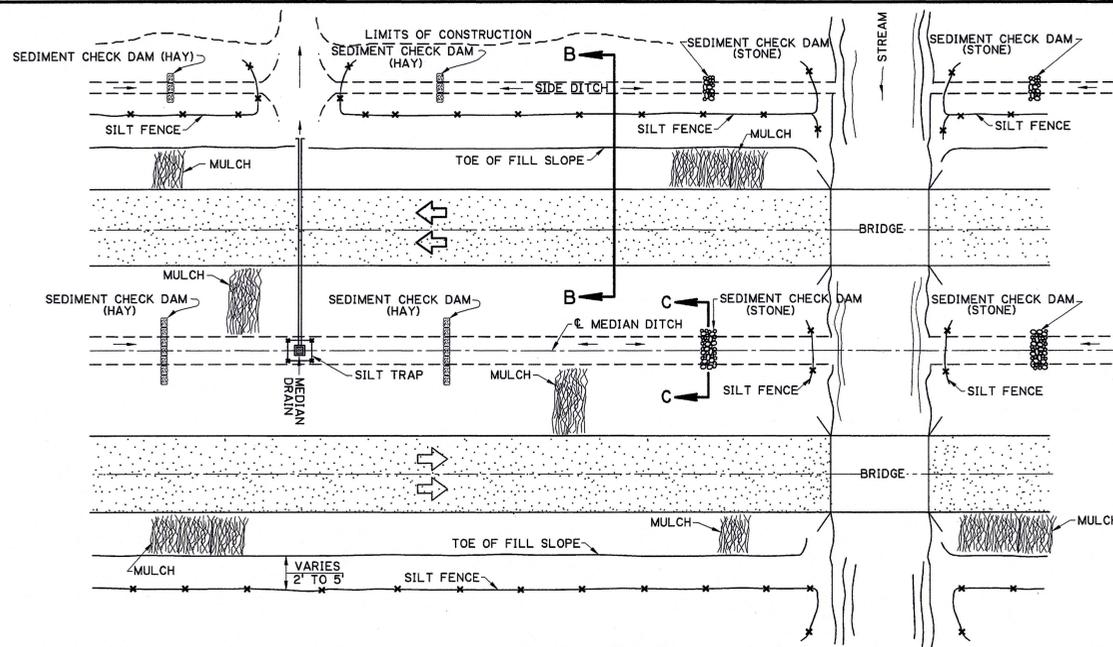


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10/13/2020 15:24

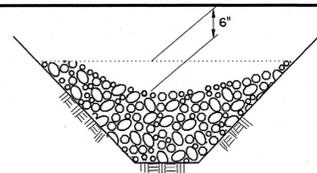


PLAN SHOWING TYPICAL TEMPORARY EROSION CONTROL

MULCHES

MULCHES ARE THE APPLICATION OF MATS OF MATERIAL PLACED ON THE SOIL SURFACE TO PREVENT EROSION BY PROTECTING THE SOIL SURFACE FROM RAINDROP IMPACT AND TO REDUCE THE VELOCITY OF OVERLAND FLOW. MULCHES CAN BE ORGANIC OR SYNTHETIC. MULCHES SHALL BE IN ACCORDANCE WITH PROJECT SPECIFICATIONS FOR TEMPORARY EROSION CONTROL. A FEW GUIDELINES FOR THE USE OF MULCHES ARE:

1. USE ON CUT AND EMBANKMENT SLOPES WHICH HAVE NOT BEEN COMPLETED TO PLAN GRADE OR WHERE THE WEATHER OR SOIL CONDITIONS WILL NOT PERMIT COMPLETING THEM WITHIN A REASONABLE TIME
2. USE ON CLEARED, GRUBBED, AND SCALPED AREAS WHERE SOIL EROSION IS LIKELY TO OCCUR
3. USE WITH TEMPORARY SEEDING

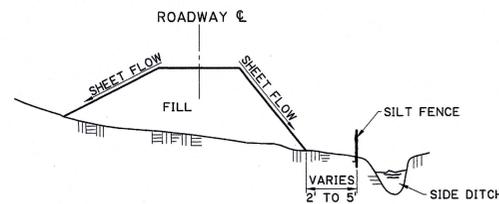


SECTION C-C

TEMPORARY SEDIMENT CHECK DAM (STONE)
PAY ITEM: TEMPORARY SEDIMENT CHECK DAM (STONE)

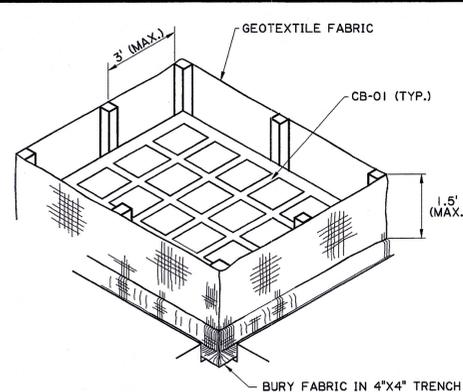
NOTES:
A STONE CHECK DAM IS A SMALL TEMPORARY DAM CONSTRUCTED ACROSS A SWALE OR DRAINAGE DITCH. THE PURPOSE OF THIS MEASURE IS TO REDUCE THE VELOCITY OF CONCENTRATED STORM WATER FLOWS, THEREBY REDUCING EROSION OF THE SWALE OR DITCH. THE STONE CHECK DAM WILL TRAP SMALL AMOUNTS OF SEDIMENTS GENERATED IN THE DITCH ITSELF, HOWEVER IT SHOULD NOT BE USED AS A SEDIMENT TRAPPING DEVICE. A FEW BASIC DESIGN GUIDELINES FOR THE USE OF STONE CHECK DAMS ARE:

1. USE IN SMALL OPEN CHANNELS WHICH DRAIN 1/2 ACRES OR LESS
2. DO NOT USE IN A LIVE STREAM
3. USE IN A TEMPORARY DITCH OR SWALE WHICH, BECAUSE OF THEIR SHORT LENGTH OF SERVICE, CANNOT RECEIVE A NON-ERODIBLE LINING
4. USE IN PERMANENT DITCHES OR SWALES WHICH WILL NOT RECEIVE A PERMANENT LINING FOR AN EXTENDED PERIOD OF TIME
5. USE IN TEMPORARY OR PERMANENT DITCHES OR SWALES WHICH NEED PROTECTION DURING THE ESTABLISHMENT OF GRASS LININGS
6. FOR STONE SPECIFICATIONS, SEE PROJECT SPECIFICATIONS FOR RIPRAP, (CLASS 2 LB)

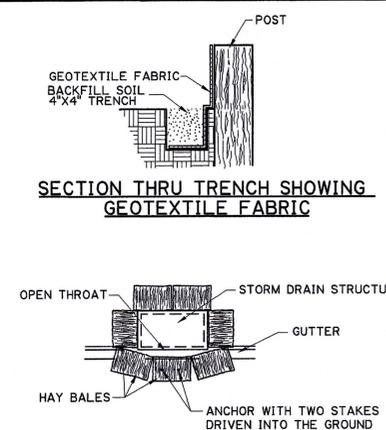


SECTION B-B

TEMPORARY SILT FENCE APPLICATION
(FOR CONSTRUCTION DETAILS AND SPECIFICATIONS SEE SHEET 2 OF 2.)



ISOMETRIC VIEW SHOWING
GEOTEXTILE FABRIC
(BACKFILL SOIL NOT SHOWN)



SECTION THRU TRENCH SHOWING
GEOTEXTILE FABRIC

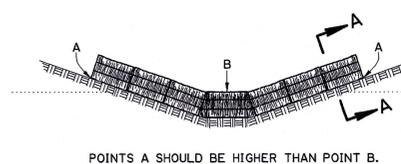
PLAN SHOWING HAY BALES

PAY ITEM: TEMPORARY HAY OR STRAW BALES

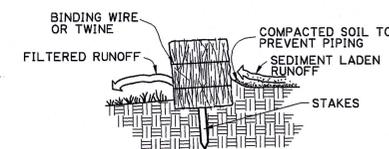
TEMPORARY INLET SILT TRAP

THE TEMPORARY DROP INLET SILT TRAP IS TO BE USED FOR SMALL DRAINAGE AREAS (LESS THAN 1 ACRE) WHERE THE STORM DRAIN IS FUNCTIONAL BEFORE THE AREA IS STABILIZED. THE TRAP CAN BE EITHER GEOTEXTILE FABRIC OR HAY BALES.

1. THE GEOTEXTILE FABRIC SHALL CONFORM TO PROJECT SPECIFICATIONS FOR GEOTEXTILE FABRIC (CLASS G).
2. WOODEN STAKES SUPPORTING THE FABRIC SHALL BE 2" X 2" OR 2" X 4" WITH A MINIMUM LENGTH OF 3 FEET. THE STAKES SHALL BE SPACED AROUND THE INLET AT A MAXIMUM SPACING OF 3 FEET.
3. THE HEIGHT OF THE FABRIC ABOVE THE INLET SHALL BE LIMITED TO 1.5' AND THE BOTTOM OF THE FABRIC SHALL BE BURIED IN A TRENCH APPROXIMATELY 4" WIDE, BY 4" DEEP. THE FABRIC SHALL BE STAPLED TO THE POST WITH 1/2" STAPLES.
4. THE TRAP SHOULD BE INSPECTED REGULARLY AND AFTER EACH STORM. THE SEDIMENT SHOULD BE REMOVED AND EACH STAKE SHOULD BE FIRMLY IN THE GROUND.
5. HAY BALES SHALL BE PLACED SO THAT THE BINDING WIRE OR TWINE IS NOT IN CONTACT WITH THE GROUND.



ELEVATION



SECTION A-A

TEMPORARY SEDIMENT CHECK DAM (HAY)

PAY ITEM: TEMPORARY SEDIMENT CHECK DAM (HAY)

NOTES:
A HAY BALE BARRIER IS A TEMPORARY SEDIMENT BARRIER CONSISTING OF A ROW OF ENTRENCHED AND ANCHORED BALES OF STRAW OR HAY. THE HAY BALE BARRIER IS ALSO USED AS A CHECK DAM TO REDUCE THE VELOCITY IN SMALL DITCHES OR SWALES. THE HAY BALES SHALL BE IN ACCORDANCE WITH PROJECT SPECIFICATIONS FOR TEMPORARY EROSION CONTROL. A FEW BASIC DESIGN GUIDELINES FOR THE USE OF A HAY BALE BARRIER ARE:

1. USE WHERE EROSION WOULD OCCUR IN THE FORM OF SHEET AND RILL EROSION
2. USE IN MINOR SWALES OR DITCHES WHERE THE MAXIMUM DRAINAGE AREA IS 2 ACRES
3. ONLY USE WHERE THE EFFECTIVENESS IS REQUIRED FOR LESS THAN 3 MONTHS
4. DO NOT USE IN LIVE STREAMS OR IN SWALES OR DITCHES WHERE THERE IS A POSSIBILITY OF A WASHOUT

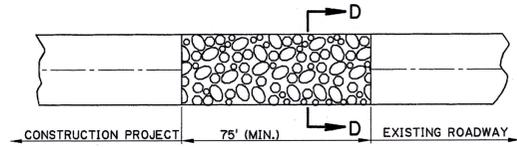
DESIGNED	JCM	DATE	10-1-08
CHECKED	KAJ	DATE	10-1-08
DETAILS	JCM	DATE	10-1-08
REVISIONS	MH	DATE	10-1-08
GENERAL	BY	DATE	10-1-08
REVISIONS	REVISION DESCRIPTION	DATE	10-1-08
APPROVED BY	W. H. Temple	DATE	10-1-08
CHIEF ENGINEER		DATE	10-1-08
TEMPORARY EROSION CONTROL DETAILS			
HYDRAULICS SECTION			

IP_EWP:dms09544\EC-01 (SHEET 1) .dgn

"THESE STANDARD PLANS HAVE BEEN PROPERLY EXAMINED BY ME, THE UNDERSIGNED LOUISIANA PROFESSIONAL ENGINEER. I HAVE DETERMINED THAT THESE PLANS COMPLY WITH ALL APPLICABLE LOUISIANA CODES AND HAVE BEEN PROPERLY SITE ADAPTED TO USE IN THIS AREA."



1.0/13/2020 15:24



PLAN



SECTION D-D

TEMPORARY STONE CONSTRUCTION ENTRANCE

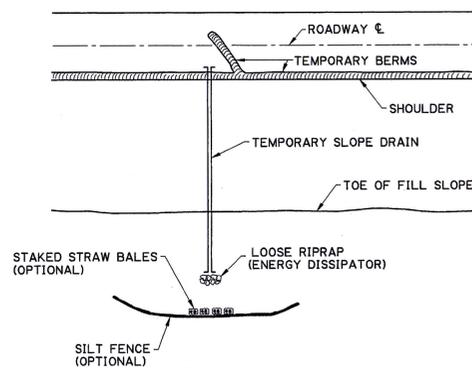
PAY ITEM: TEMPORARY STONE CONSTRUCTION ENTRANCE

NOTES:

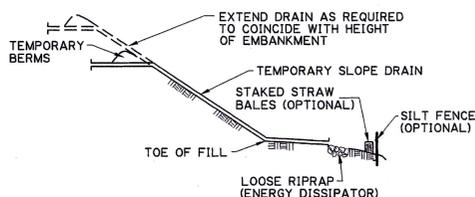
TEMPORARY STONE CONSTRUCTION ENTRANCE AND/OR WASH RACK

A STONE STABILIZED PAD LOCATED AT POINTS OF VEHICULAR INGRESS AND EGRESS ON THE CONSTRUCTION SITE TO REDUCE THE AMOUNT OF MUD TRANSPORTED ONTO PUBLIC ROADS. IF THE ACTION OF THE VEHICLE TRAVELING OVER THE GRAVEL PAD IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF THE MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLE ENTERS A PUBLIC ROAD. A FEW BASIC DESIGN GUIDELINES FOR THE USE OF A STONE ENTRANCE AND/OR WASH RACKS ARE:

1. THE STONE LAYER MUST BE AT LEAST 6 INCHES THICK.
2. THE STONE SHALL CONFORM TO PROJECT SPECIFICATIONS FOR RIPRAP (CLASS 2 LB).
3. THE LENGTH OF THE PAD MUST BE AT LEAST 75 FEET AND IT MUST EXTEND THE FULL WIDTH OF THE VEHICULAR INGRESS AND EGRESS.
4. A GEOTEXTILE FABRIC UNDERLINER IS REQUIRED. THE GEOTEXTILE FABRIC SHALL BE IN ACCORDANCE WITH PROJECT SPECIFICATIONS FOR GEOTEXTILE FABRIC (CLASS D).
5. IF A WASH RACK IS NECESSARY, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF-SITE.



PLAN



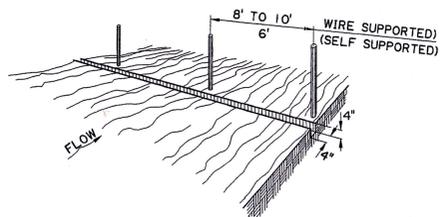
ELEVATION

TEMPORARY SLOPE DRAIN

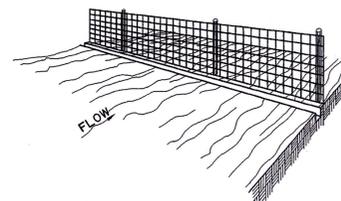
A TEMPORARY SLOPE DRAIN IS A DEVICE USED TO CARRY WATER FROM THE CONSTRUCTION WORK AREA TO A LOWER ELEVATION. SLOPE DRAINS MAY BE PLASTIC SHEET, METAL OR PLASTIC PIPE, STONE GUTTERS, FIBER MATS, OR CONCRETE OR ASPHALT DITCHES. A FEW BASIC DESIGN GUIDELINES FOR THE USE OF A TEMPORARY SLOPE DRAIN ARE:

1. THE SPACING OF THE SLOPE DRAINS VARIES WITH THE ROAD GRADE.
FOR GRADES:
0.0% - 2.0% USE 500' SPACING
2.1% - 5.0% USE 200' SPACING
GREATER THAN 5.0% USE 100' SPACING
2. SLOPE DRAIN MATERIAL: SMOOTH PIPE - 8" MINIMUM - 3 MILS THICK MIN.
CORRUGATED PIPE - 12" MINIMUM
PLASTIC SHEETING - 4" WIDE MINIMUM
PLASTIC SHEETING - 3 MILS THICK MIN.
3. PLASTIC SHEETING CAN BE STAKED DOWN OR WEIGHTED WITH ROCKS OR LOGS. THE AREA UNDER THE SHEETING SHOULD BE SHAPED TO PROVIDE AN ADEQUATE CHANNEL.
4. THE OUTLET END SHOULD BE PROTECTED OR HAVE SOME MEANS OF DISSIPATING ENERGY. THE FLOW SHOULD BE DIRECTED THROUGH A SEDIMENT TRAP SUCH AS A SILT FENCE, HAY BALES, OR OTHER APPROVED SEDIMENT CONTROL DEVICES.
5. TO INSURE PROPER OPERATION, TEMPORARY SLOPE DRAINS SHOULD BE INSPECTED REGULARLY AND AFTER EACH STORM, FOR CLOGGING OR DISPLACEMENT. EROSION AT THE OUTLET SHOULD BE CHECKED AND THE SILT TRAPS CLEANED IF NECESSARY.

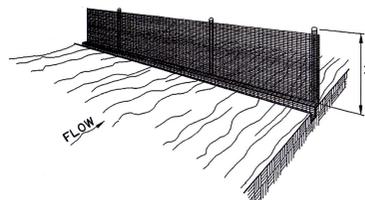
1. SET POSTS AND EXCAVATE A 4" X 4" TRENCH UPSLOPE ALONG THE LINE OF POSTS.



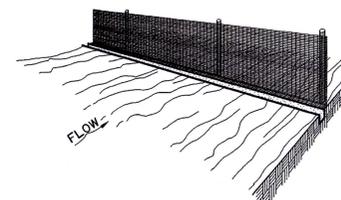
2. STAPLE WIRE FENCING TO THE POSTS.



3. ATTACH THE FILTER FABRIC TO THE WIRE FENCE AND EXTEND IT INTO THE TRENCH.



4. BACKFILL AND COMPACT EXCAVATED SOIL.



CONSTRUCTION OF TEMPORARY SILT FENCING

(WIRE SUPPORTED SILT FENCE IS SHOWN. SELF SUPPORTED SILT FENCE WILL BE CONSTRUCTED ACCORDING TO MANUFACTURERS SPECIFICATIONS.)

NOTES:

SILT FENCING IS A TEMPORARY SEDIMENT BARRIER CONSISTING OF A FILTER FABRIC SUPPORTED BY POSTS AND STRETCHED ACROSS AN AREA TO INTERCEPT AND DETAIN SMALL AMOUNTS OF SEDIMENT. THE SILT FENCING SHALL BE IN ACCORDANCE WITH PROJECT SPECIFICATIONS FOR TEMPORARY EROSION CONTROL. A FEW BASIC GUIDELINES FOR THE USE OF SILT FENCING ARE:

1. USE WHERE EROSION WOULD OCCUR IN THE FORM OF SHEET AND RILL EROSION
2. USE WHERE THE MAXIMUM DRAINAGE AREA BEHIND THE SILT FENCE IS 1/4 ACRE PER 100 FEET OF SILT FENCE LENGTH
3. USE WHERE THE MAXIMUM SLOPE LENGTH BEHIND THE BARRIER IS 100 FEET
4. USE WHERE THE MAXIMUM GRADIENT BEHIND THE BARRIER IS 2:1
5. DO NOT USE SILT FENCES IN LIVE STREAMS OR IN DITCHES OR SWALES WHERE FLOWS EXCEED ONE CUBIC FOOT PER SECOND

DESIGNED	JCM	DATE	1-14-94
CHECKED	KAJ	DATE	2 OF 2
REVISIONS	NO.	DESCRIPTION	DATE
10-1-08	REMOVE SPECIFIC PAY ITEM NOS.	GENERAL REVISIONS	1-1-08
APPROVED BY: <i>W. H. Hutchins</i> CHIEF ENGINEER			
STATE OF LOUISIANA PROFESSIONAL ENGINEER LICENSE NO. 37783			
TEMPORARY EROSION CONTROL DETAILS			
HYDRAULICS SECTION			

IP: PWP: dms09544\EC-01 (SHEET 2) .dgn

"THESE STANDARD PLANS HAVE BEEN PROPERLY EXAMINED BY ME, THE UNDERSIGNED LOUISIANA PROFESSIONAL ENGINEER. I HAVE DETERMINED THAT THESE PLANS COMPLY WITH ALL APPLICABLE LOUISIANA CODES AND HAVE BEEN PROPERLY SITE ADAPTED TO USE IN THIS AREA."

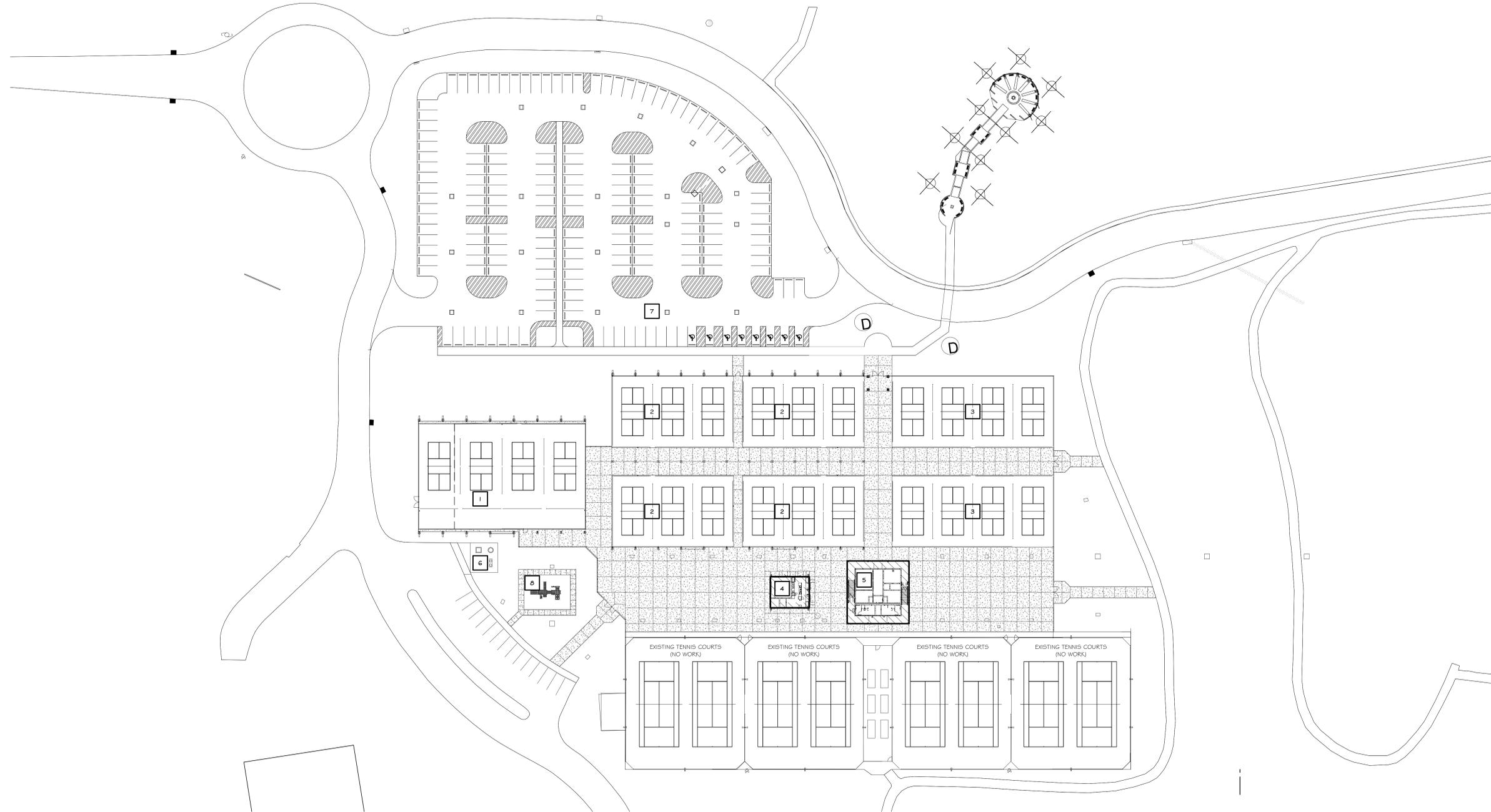


DRAWN BY:
D.R.H.
DATE
01-05-06
REVISION NO./DATE

JOB NO.
23-035
SHEET

C5.10
20 OF 97 SHEETS

THE DRAWINGS PREPARED BY THE ARCHITECTURE FIRM OR ENGINEER FOR THIS PROJECT ARE THE PROPERTY OF THE ARCHITECTURE FIRM OR ENGINEER. THESE DRAWINGS WILL BE LOANED TO THE PROJECT CONTRACTOR FOR CONSTRUCTION PURPOSES ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THESE DRAWINGS. ANY REVISIONS TO THESE DRAWINGS SHALL BE MADE BY THE ARCHITECTURE FIRM OR ENGINEER. THE CONTRACTOR SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THESE DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THESE DRAWINGS. ANY REVISIONS TO THESE DRAWINGS SHALL BE MADE BY THE ARCHITECTURE FIRM OR ENGINEER. THE CONTRACTOR SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THESE DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.



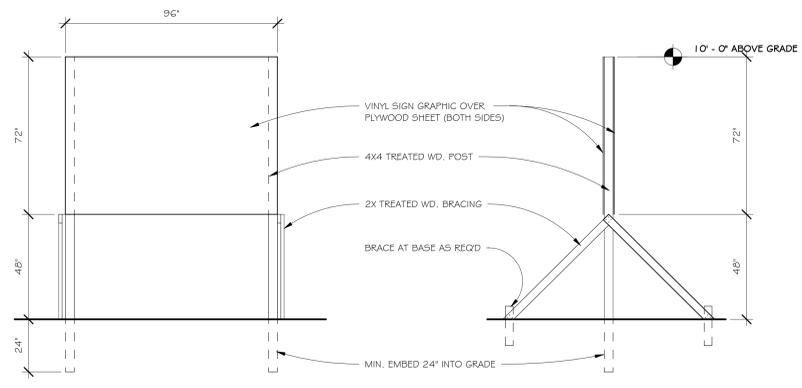
19 KEY PLAN
1" = 40'-0"

KEY PLAN LEGEND

- 1- COVERED PICKLEBALL COURTS (#1 - #4)
- 2- COVERED PICKLEBALL COURTS (#5 - #16)
- 3- UNCOVERED PICKLEBALL COURTS (#17 - #24)
- 4- CONCESSIONS / STORAGE BUILDING
- 5- PRO SHOP / OBSERVATION BUILDING
- 6- NEW GREASE TRAP / LIFT STATION
- 7- PARKING LOT (BY OTHERS)
- 8- PLAYGROUND SET (FUTURE)

NOTE: CONTRACTOR SHALL PROVIDE DUAL VINYL GRAPHIC JOB SIGN (ONE EA. SIDE) OVER PLYWOOD BACKER - SIGN GRAPHICS AND LETTERING SHALL BE PROVIDED BY ARCHITECT TO THE CONTRACTOR AFTER THE NOTICE TO PROCEED. CONTRACTOR SHALL INCLUDE ALL COSTS FOR PROVIDING THE COLOR VINYL GRAPHIC SIGNS AND PROJECT SIGN FRAME, INCLUDING INSTALLATION.

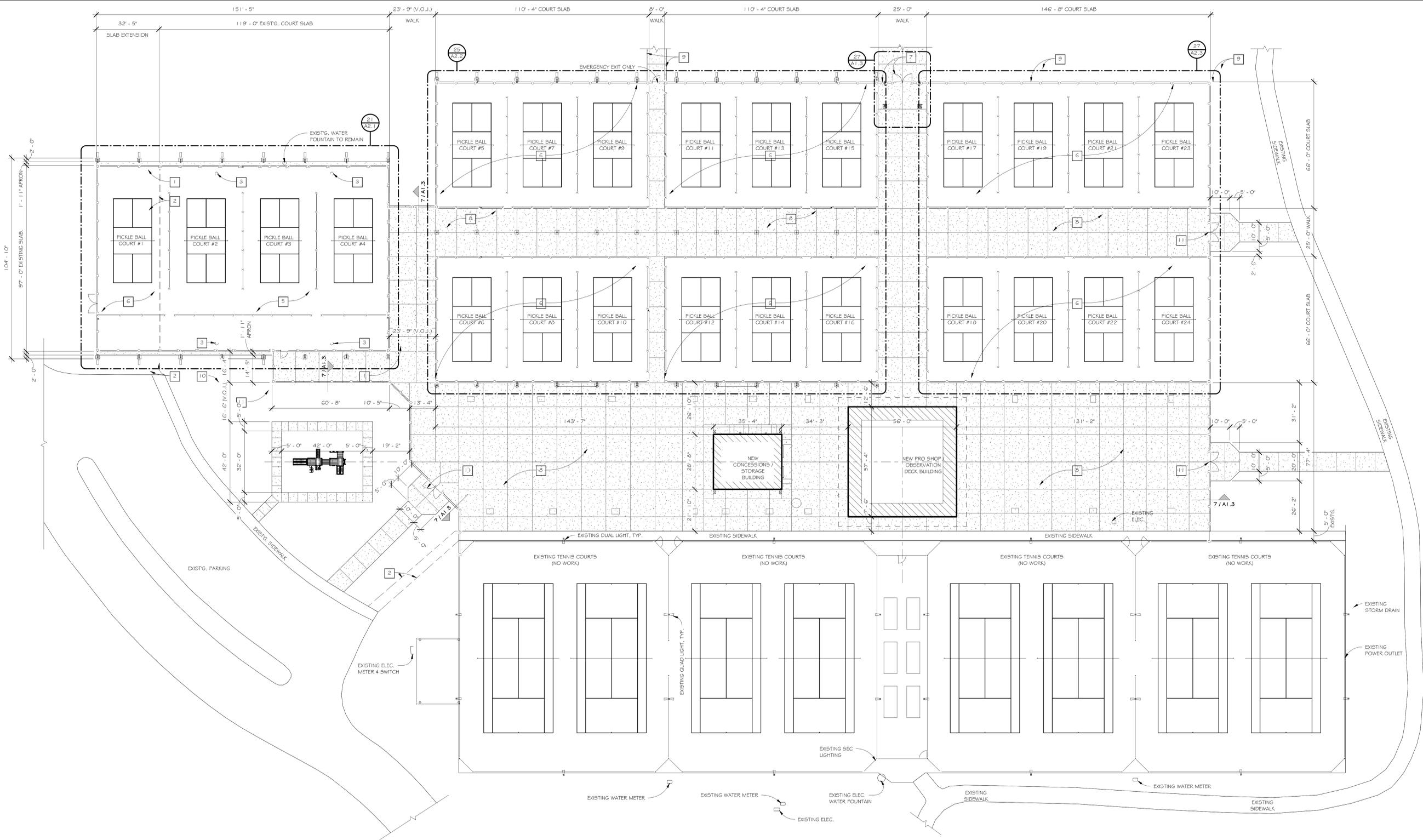
28 PROJECT SIGN
3/8" = 1'-0"



DRAWN BY:
T.L. / H.S.
DATE:
01-05-26
REVISION NO. / DATE:

JOB NO.
23-035
SHEET
A1.1
21 OF 97 SHEETS

THE DRAWINGS PREPARED BY THE ARCHITECT ARE HIS/HERS AND SHALL REMAIN HIS/HERS. THE ARCHITECT SHALL RETAIN ALL RIGHTS IN THE DRAWINGS. THE ARCHITECT'S RIGHTS INCLUDE THE RIGHT TO REUSE THE DRAWINGS FOR OTHER PROJECTS, FOR ANY PURPOSE, WITHOUT LIMITATION. THE ARCHITECT SHALL BE RESPONSIBLE FOR THE PROTECTION OF HIS/HERS AND SHALL BE RESPONSIBLE FOR THE PROTECTION OF HIS/HERS. THESE DRAWINGS ARE NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF THE ARCHITECT.



19 OVERALL SITE PLAN
1" = 20'-0"

SITE NOTES:

- 1 EXISTG. LIGHT STANDARD TO BE REMOVED. CAP ALL POWER BELOW GRADE.
- 2 EXISTG. SIDEWALK TO BE DEMOLISHED (RE: CIVIL).
- 3 EXISTG. BASKETBALL POLE TO BE REMOVED. PATCH HOLE TO LIKE NEW CONDITION.
- 4 NOT USED.
- 5 EXISTG. POST-TENSIONED SLAB BASKETBALL COURTS TO REMAIN. RE: PICKLEBALL COURT PLANS FOR RESTRIPING AND POST-TENSIONED SLAB ADDITION.
- 6 NEW POST-TENSIONED SLAB PICKLEBALL COURTS, RE: STRUCTURAL.
- 7 NEW ENTRY GATEWAY: MONUMENTAL ENTRY W/ PAIR 5'-0" GATES, RE: A1.3.
- 8 NEW CONCRETE PAVEMENT, RE: CIVIL.
- 9 NEW CONCRETE WALK, RE: CIVIL.
- 10 NEW GREASE TRAP 4 LIFT STATION, RE: CIVIL.

11 NEW ENTRY GATE: PAIR 5'-0" GATES, RE: A1.3.

FENCING LEGEND



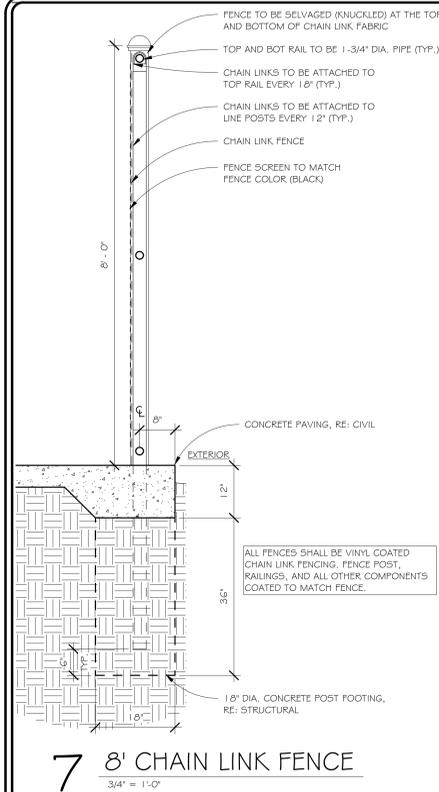
RE: A1.3 FOR ALL FENCE DETAILS
ALL FENCES SHALL BE VINYL COATED CHAIN LINK FENCING. FENCE POST, RAILINGS, AND ALL OTHER COMPONENTS COATED TO MATCH FENCE.



DRAWN BY:
T.L./H.S.
DATE:
01-05-26
REVISION NO./DATE

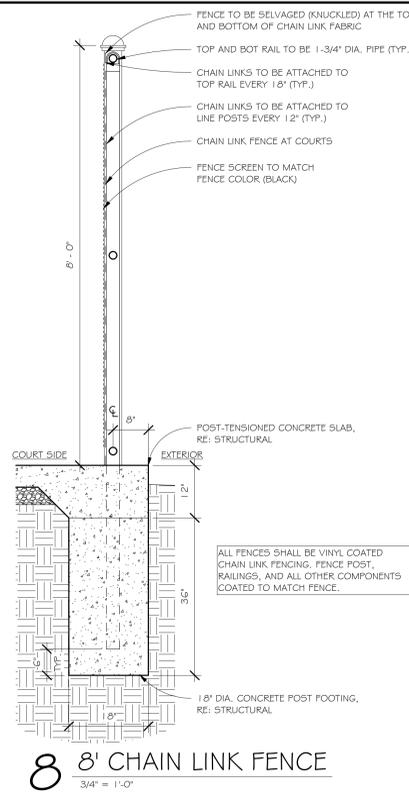
JOB NO.
23-035
SHEET
A1.2
22 OF 97 SHEETS

THE DRAWINGS PREPARED BY THE ARCHITECT ARE HEREBY SUBMITTED TO THE CLIENT AS A PROFESSIONAL SERVICE. THE CLIENT AGREES TO HOLD THE ARCHITECT HARMLESS FROM AND AGAINST ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES, INCLUDING REASONABLE ATTORNEY'S FEES, THAT MAY BE ASSERTED AGAINST THE ARCHITECT BY ANY THIRD PARTY, INCLUDING THE CLIENT, ARISING OUT OF OR RESULTING FROM THE USE OF THESE DRAWINGS, WITHOUT REGARD TO WHETHER SUCH CLAIMS, DAMAGES, LOSSES AND EXPENSES ARE CAUSED IN WHOLE OR IN PART BY THE NEGLIGENCE OF THE ARCHITECT.



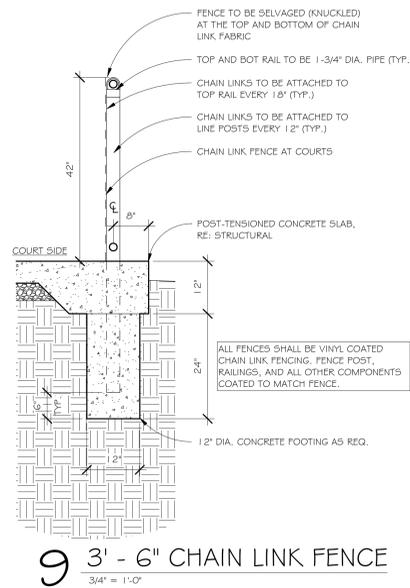
7 8' CHAIN LINK FENCE
3/4" = 1'-0"

PERIMETER



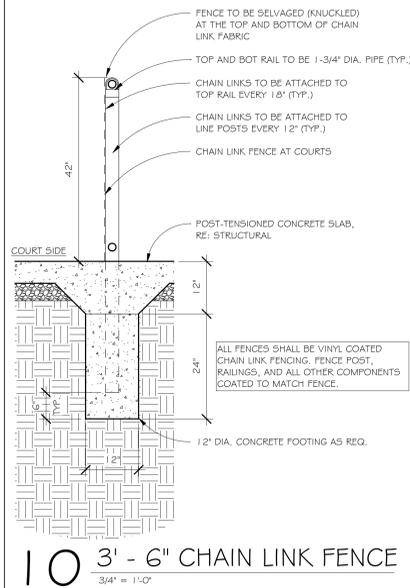
8 8' CHAIN LINK FENCE
3/4" = 1'-0"

EDGE OF SLAB



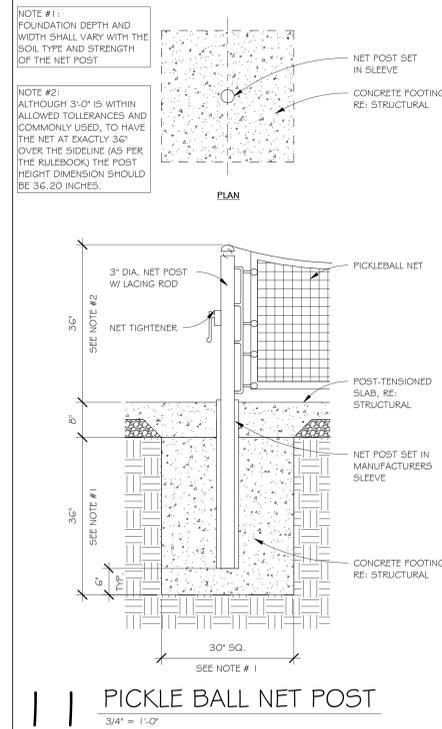
9 3' - 6" CHAIN LINK FENCE
3/4" = 1'-0"

EDGE OF SLAB

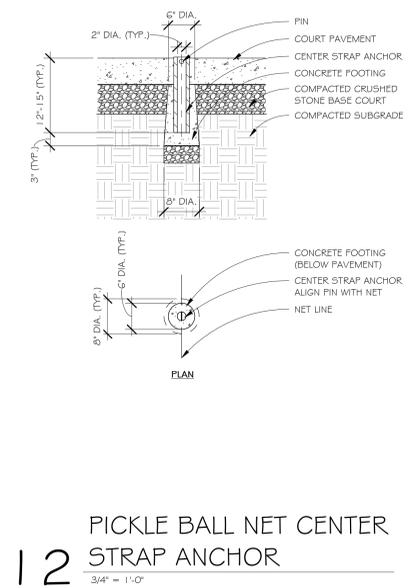


10 3' - 6" CHAIN LINK FENCE
3/4" = 1'-0"

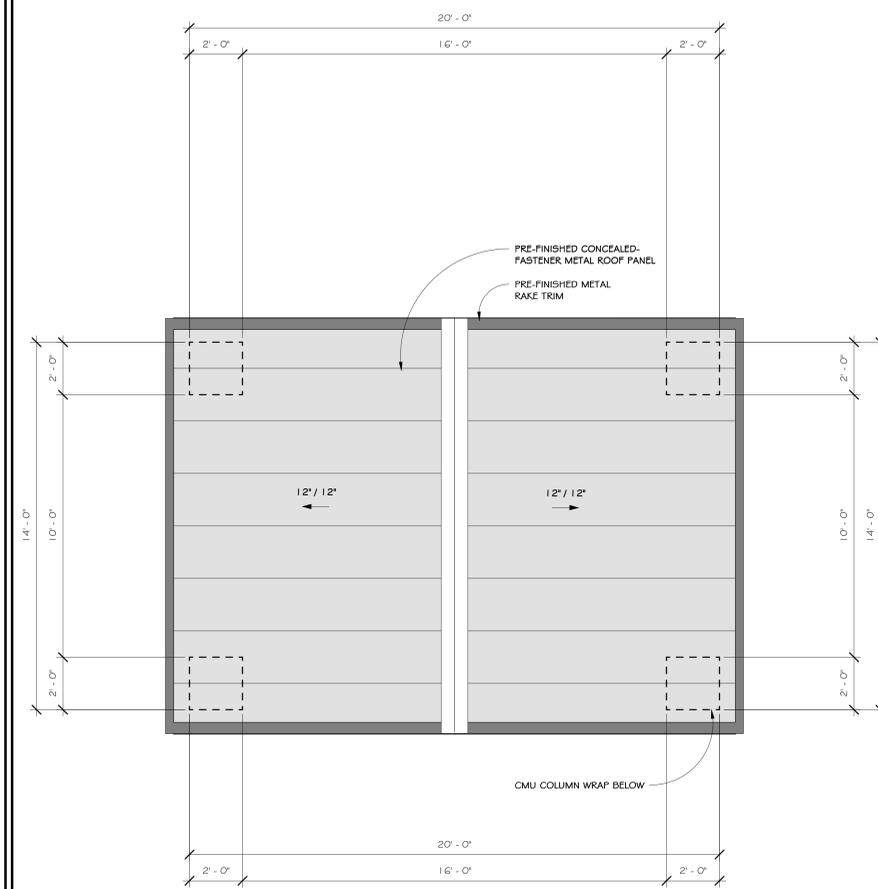
FIELD OF SLAB



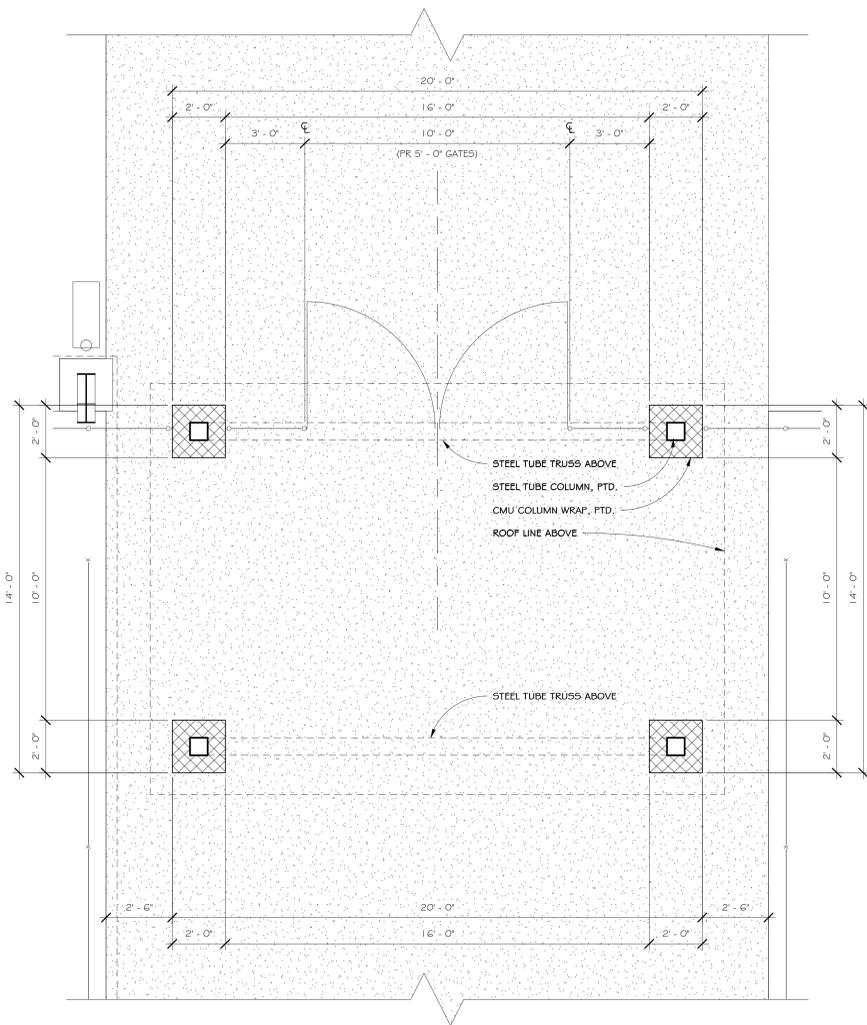
11 PICKLE BALL NET POST
3/4" = 1'-0"



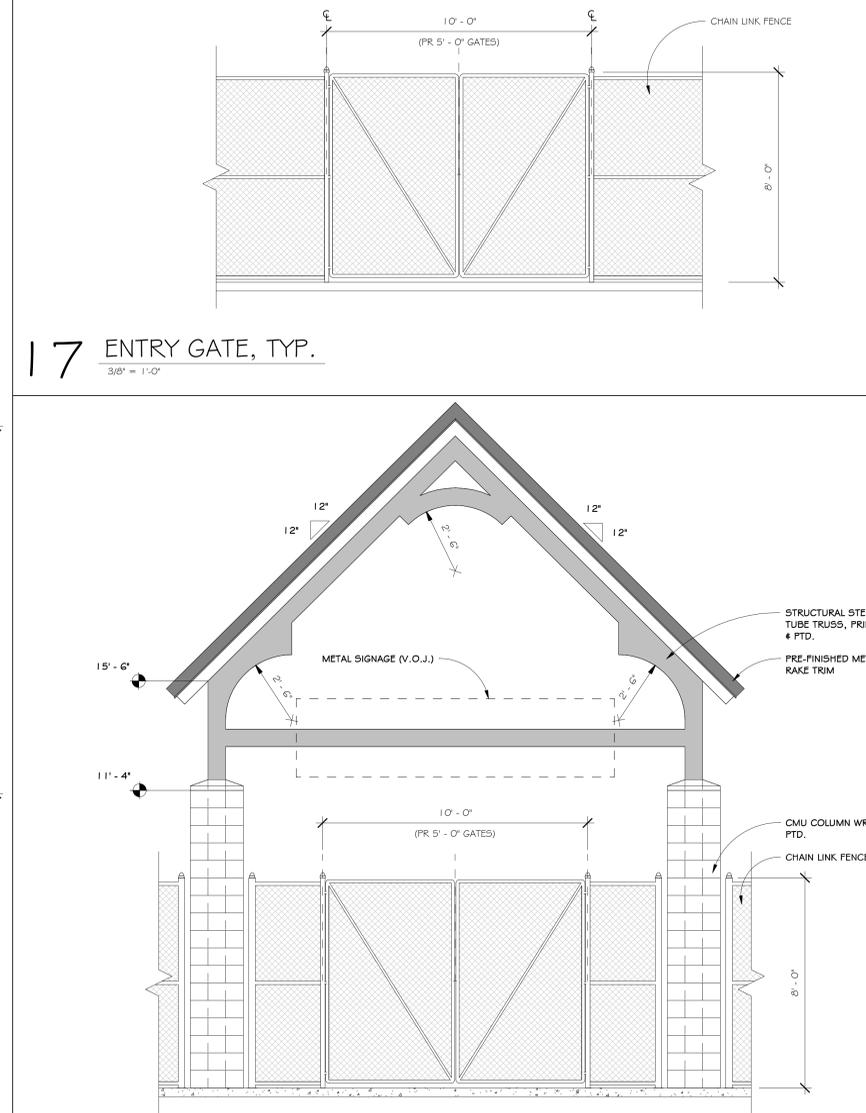
12 PICKLE BALL NET CENTER STRAP ANCHOR
3/4" = 1'-0"



25 MAIN ENTRY ROOF PLAN
3/8" = 1'-0"



27 MAIN ENTRY FLOOR PLAN
3/8" = 1'-0"

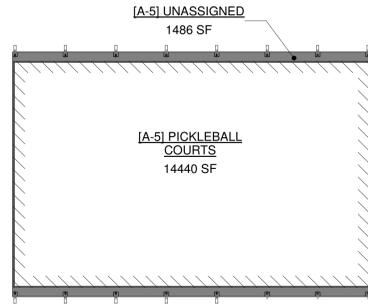


29 MAIN ENTRY
3/8" = 1'-0"



DRAWN BY:	T.L.
DATE:	01-05-26
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SHEET	A1.3
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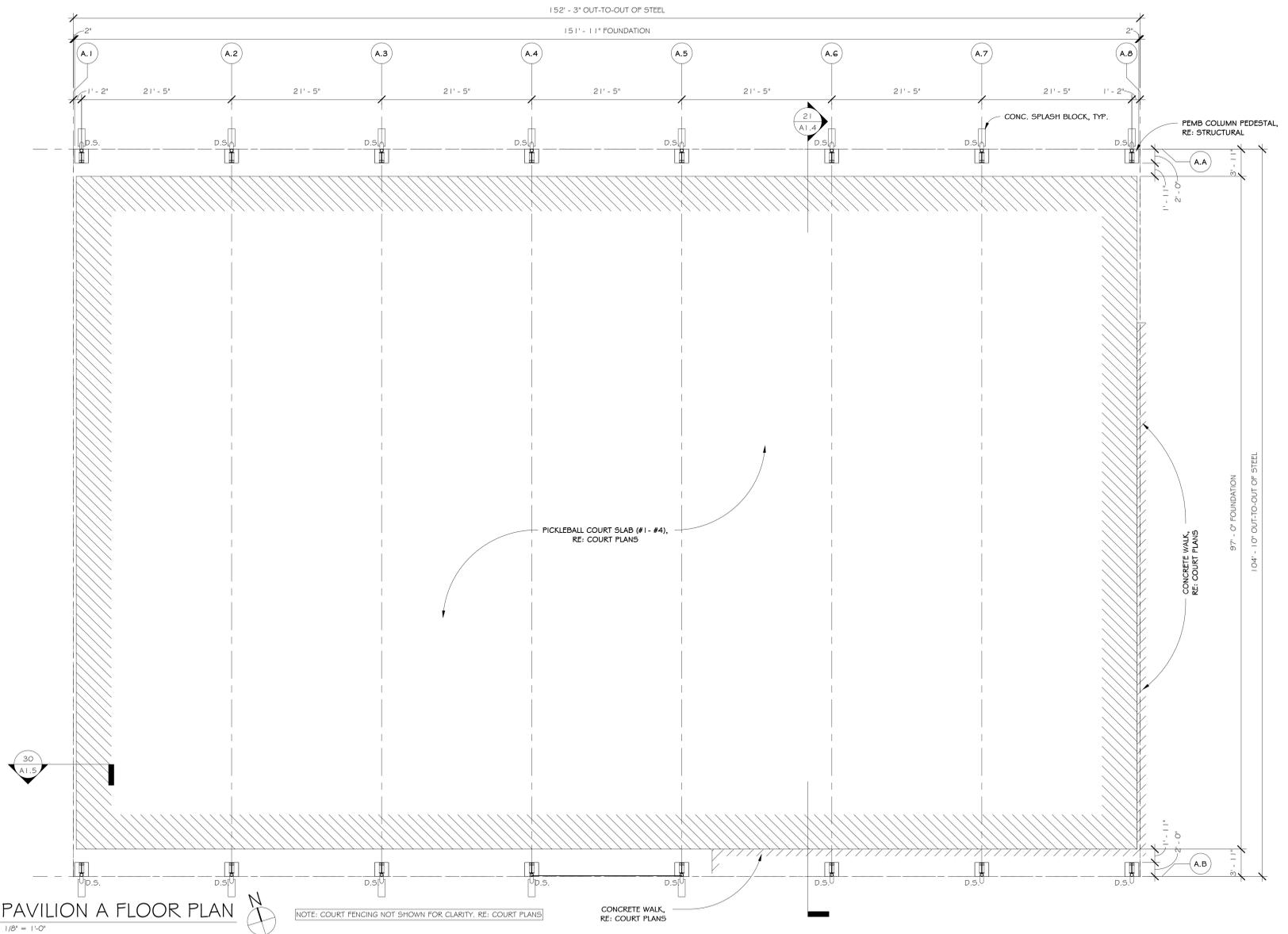
THE DRAWINGS PREPARED BY THE ARCHITECT ARE TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED THEREON. ANY OTHER USE OF THESE DRAWINGS WITHOUT WRITTEN APPROVAL OF THE ARCHITECT IS PROHIBITED. THE ARCHITECT SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED TO THE ARCHITECT AND THE ARCHITECT SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED TO THE ARCHITECT. THE ARCHITECT SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED TO THE ARCHITECT.



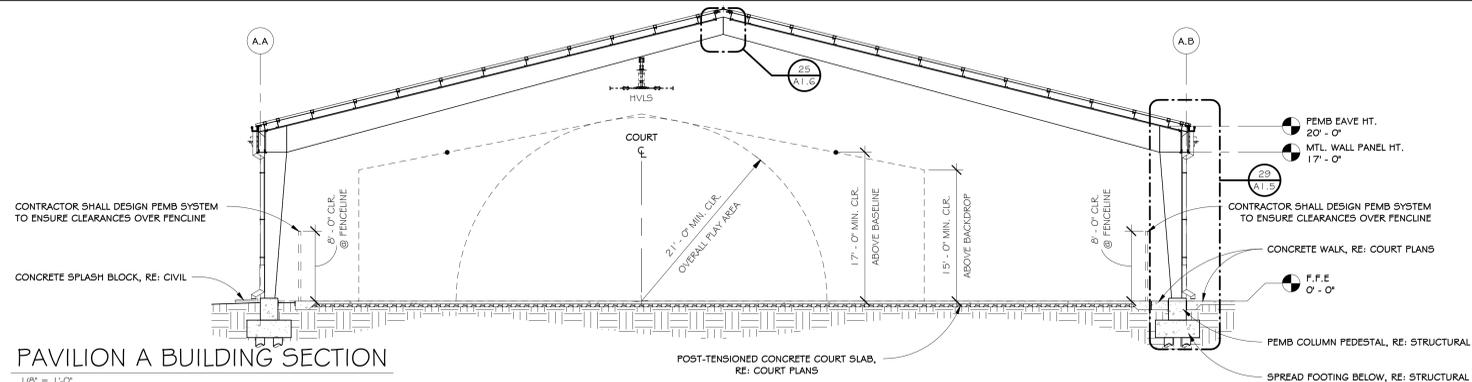
NET AREA OCCUPANCY SCHEDULE.

AREA	SQUARE FT	OCCUPANCY
ASSEMBLY GROUP A-5		
[A-5] PICKLEBALL COURTS	14440	289
[A-5] UNASSIGNED	1486	0
TOTAL OCCUPANT LOAD	15926	289

7 PAVILION A AREA PLAN
1" = 30'-0"



15 PAVILION A FLOOR PLAN
1/8" = 1'-0" (NOTE: COURT FENCING NOT SHOWN FOR CLARITY, RE: COURT PLANS)



21 PAVILION A BUILDING SECTION
1/8" = 1'-0"



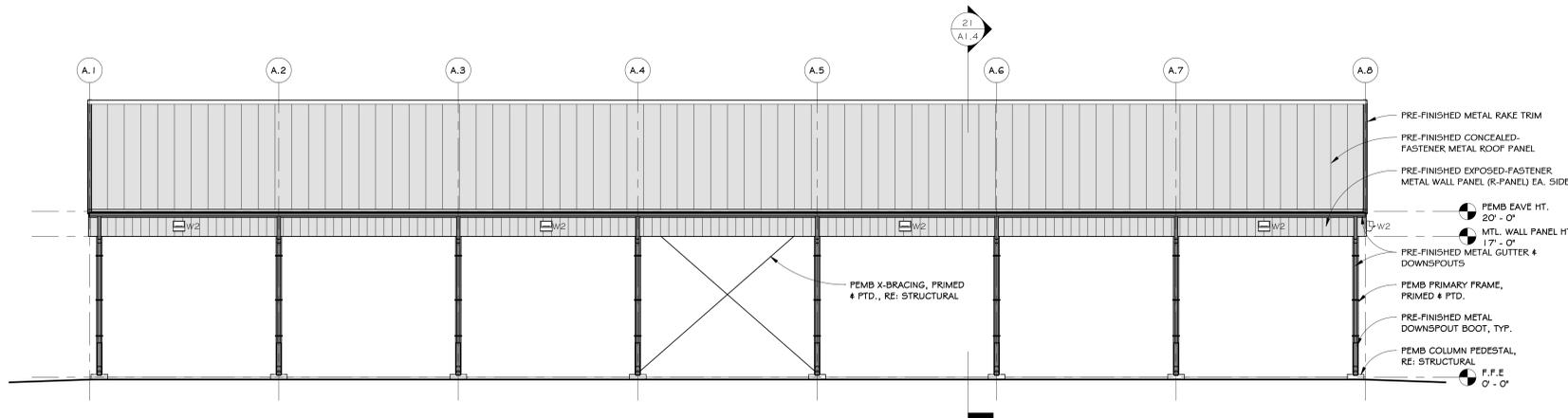
DRAWN BY:
T.L./H.S.
DATE:
01-05-26
REVISION NO./DATE:

JOB NO.
23-035
SHEET

A1.4

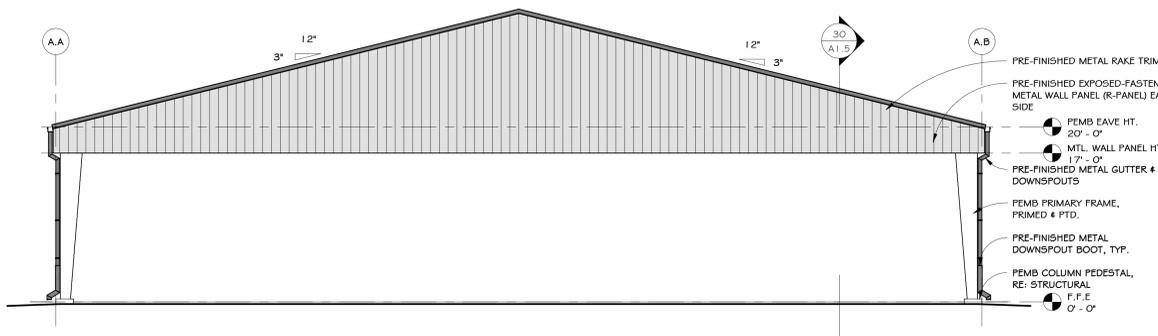
24 OF 97 SHEETS

THE DRAWINGS PREPARED BY THE ARCHITECT ARE THE PROPERTY OF THE ARCHITECT AND SHALL REMAIN HIS OR HER PROPERTY. THE ARCHITECT SHALL BE RESPONSIBLE FOR THE PROTECTION OF THESE DRAWINGS. THE ARCHITECT SHALL NOT BE RESPONSIBLE FOR THE PROTECTION OF THESE DRAWINGS BY ANY OTHER PARTY. THE ARCHITECT SHALL NOT BE RESPONSIBLE FOR THE PROTECTION OF THESE DRAWINGS BY ANY OTHER PARTY.



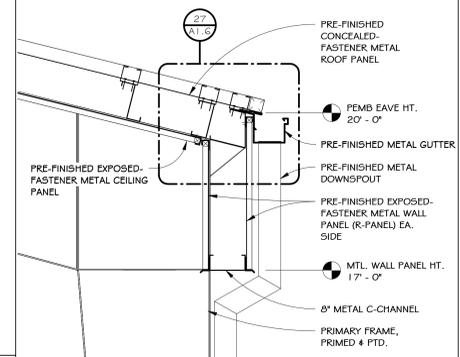
8 PAVILION A SOUTH ELEVATION
 1/8" = 1'-0"
 NORTH ELEVATION OPPOSITE

NOTE: COURT FENCING NOT SHOWN FOR CLARITY. RE: COURT PLANS

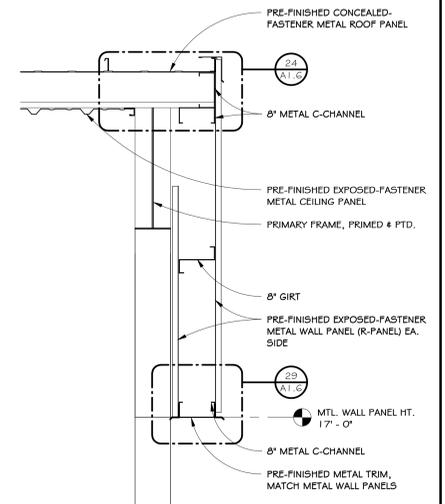


21 PAVILION A WEST ELEVATION
 1/8" = 1'-0"
 EAST ELEVATION OPPOSITE

NOTE: COURT FENCING NOT SHOWN FOR CLARITY. RE: COURT PLANS



29 PAVILION EAVE SECTION
 3/4" = 1'-0"

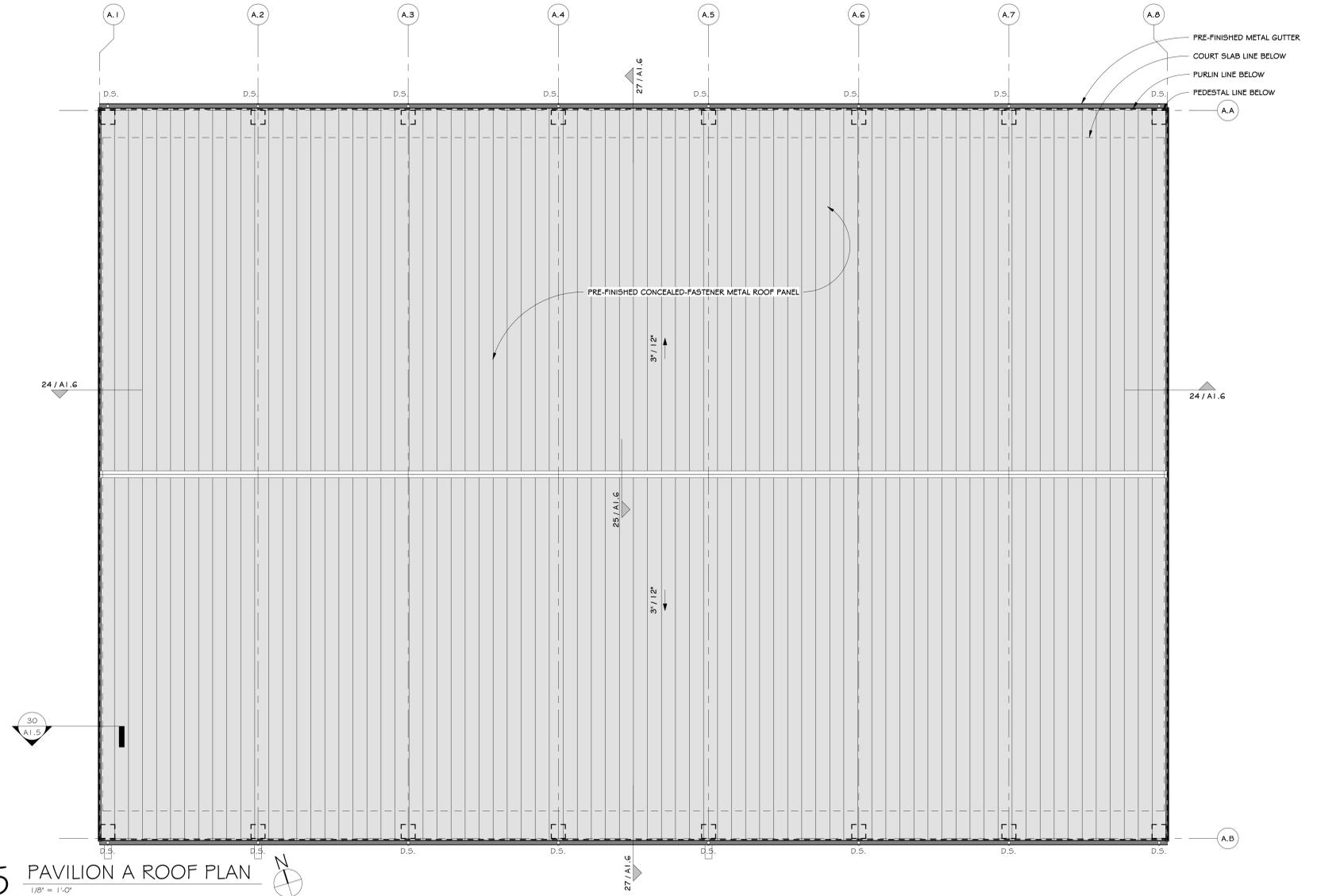


30 PAVILION RAKE SECTION
 3/4" = 1'-0"

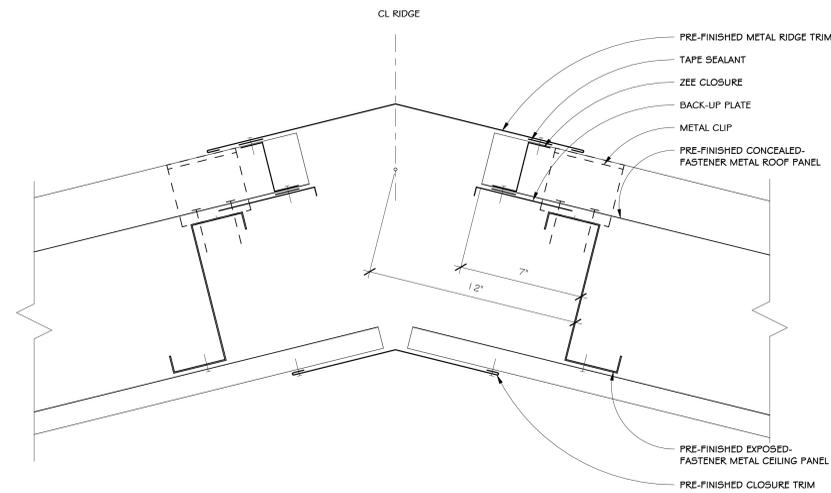


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 DATE:
01-05-26
 REVISION NO./DATE
 JOB NO.
23-035
 SHEET
A1.5
 25 OF 97 SHEETS

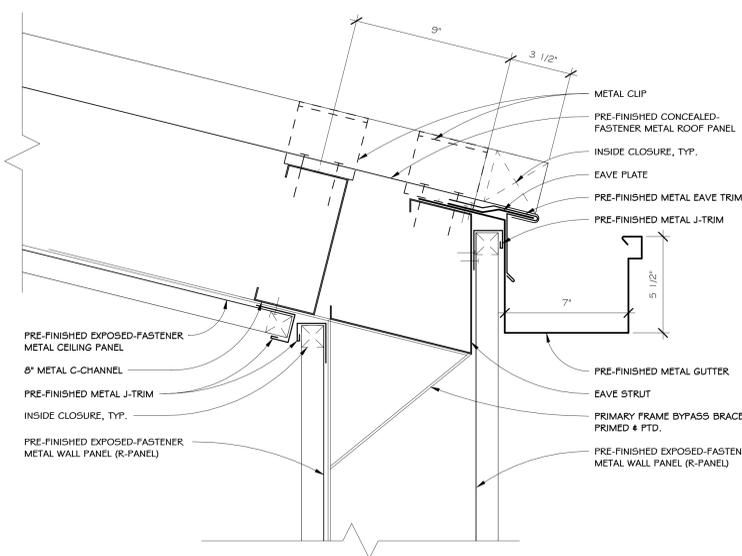
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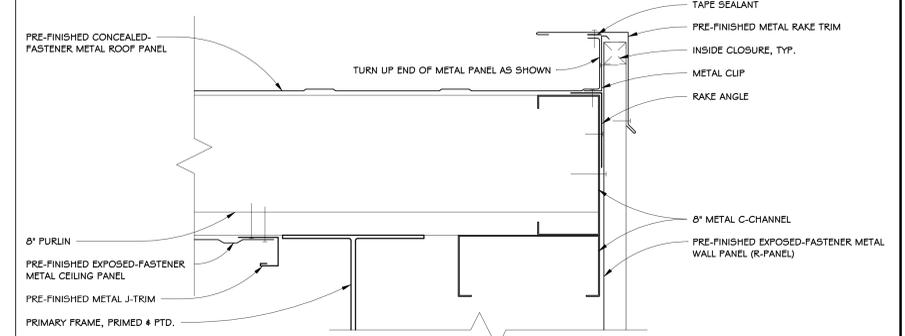
15 PAVILION A ROOF PLAN
1/8" = 1'-0"



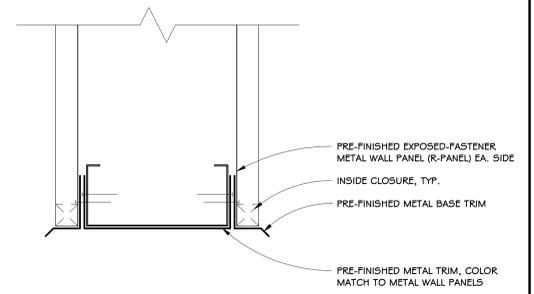
25 RIDGE
3" = 1'-0"
NOTE: ALL FOAM CLOSURES SHALL BE CONCEALED "INSIDE CLOSURES"



27 EAVE W/ GUTTER
3" = 1'-0"
NOTE: ALL FOAM CLOSURES SHALL BE CONCEALED "INSIDE CLOSURES"



24 RAKE
3" = 1'-0"
NOTE: ALL FOAM CLOSURES SHALL BE CONCEALED "INSIDE CLOSURES"



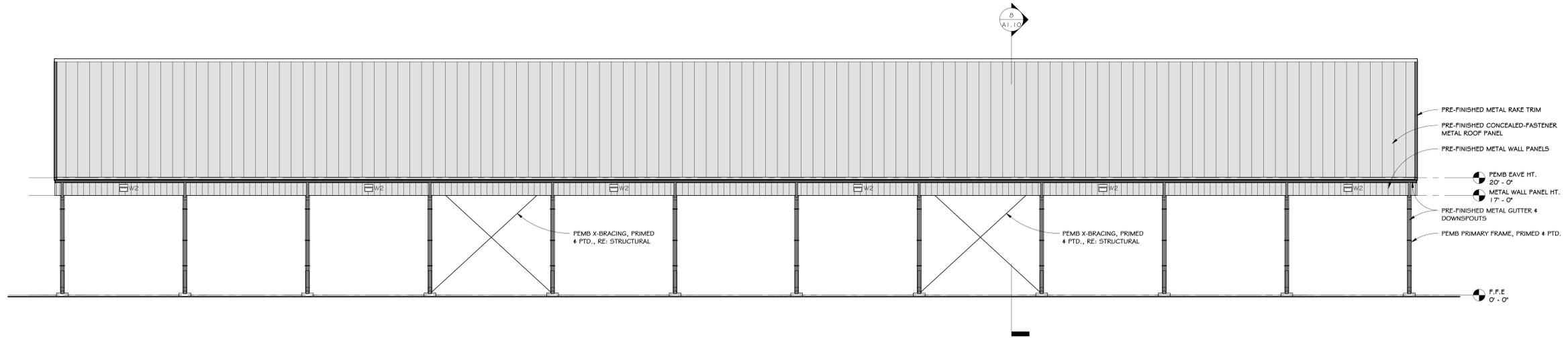
29 WALL BASE
3" = 1'-0"
NOTE: ALL FOAM CLOSURES SHALL BE CONCEALED "INSIDE CLOSURES"



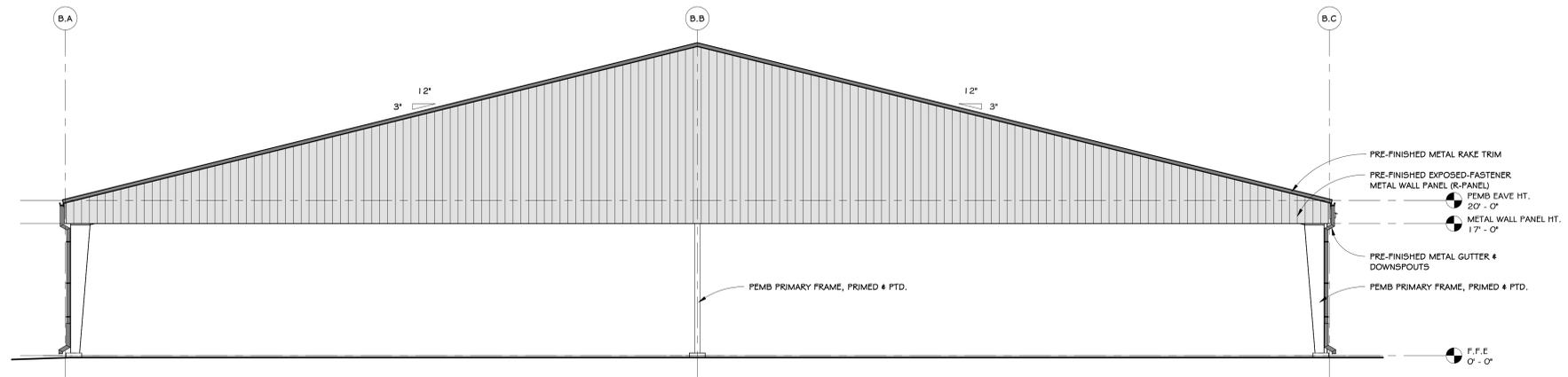
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REVISION NO./DATE

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23-035
SHEET
A1.6
26 OF 97 SHEETS

THE DRAWINGS PREPARED BY THE ARCHITECT ARE TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED IN THE CONTRACT. THE ARCHITECT SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED IN THE CONTRACT. THE ARCHITECT SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED BY OTHER PROFESSIONALS OR FOR THE ACCURACY OF THE INFORMATION PROVIDED BY THE CLIENT OR OTHERS. FOR OTHER PROJECTS, FOR WHICH THE ARCHITECT HAS PROVIDED SERVICES, THE ARCHITECT SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED BY THE ARCHITECT.



7 PAVILION B SOUTH ELEVATION
 1/8" = 1'-0"
 NORTH ELEVATION OPPOSITE



20 PAVILION B WEST ELEVATION
 1/8" = 1'-0"
 EAST ELEVATION OPPOSITE



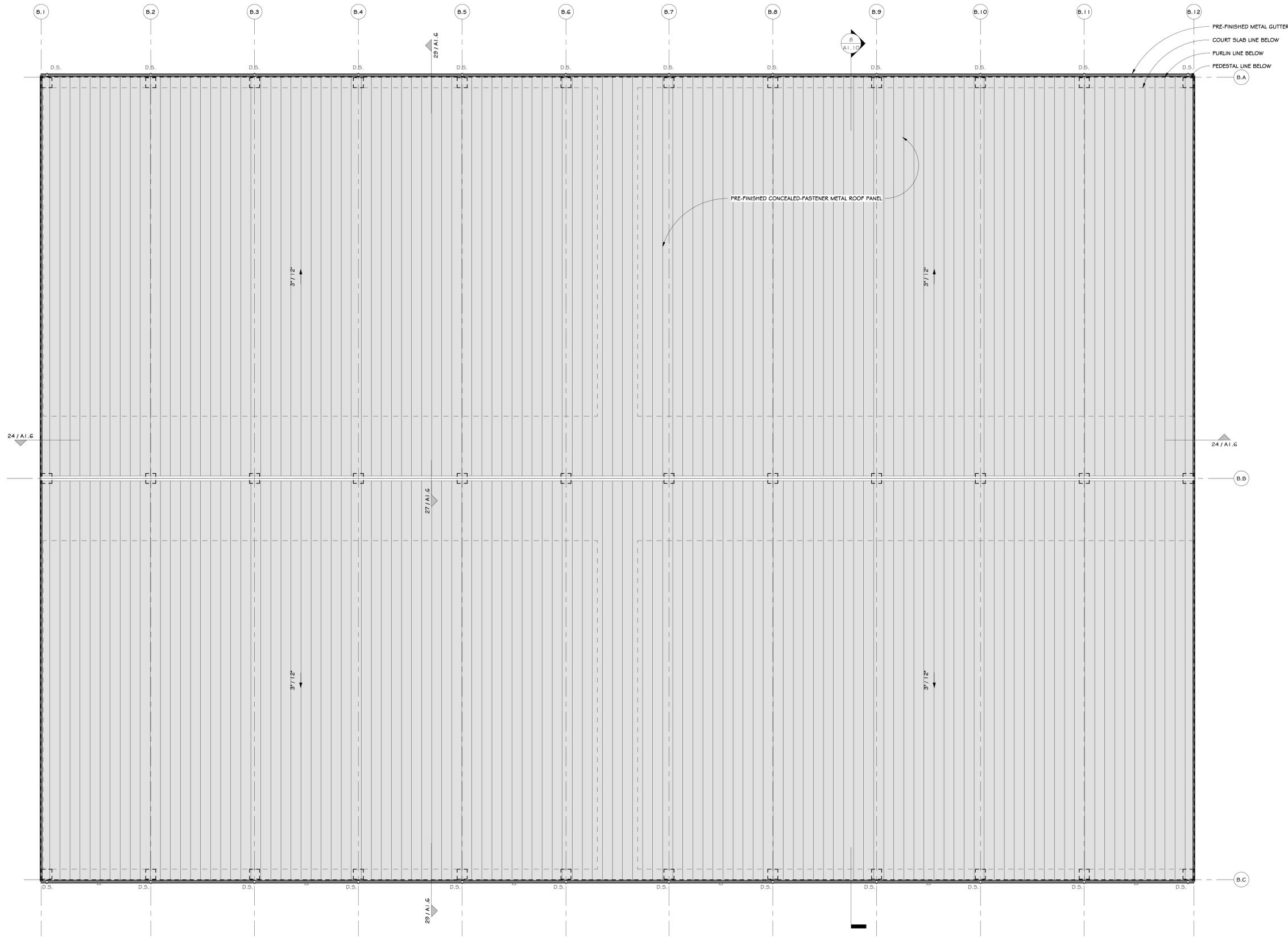
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23-035
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A1.8

28 OF 97 SHEETS

THE DRAWINGS PREPARED BY THE ARCHITECT ARE THE PROPERTY OF THE ARCHITECT. THE ARCHITECT SHALL BE RESPONSIBLE FOR THE PROTECTION OF THESE DRAWINGS. NO PART OF THESE DRAWINGS SHALL BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF THE ARCHITECT.



A NEW RACKET CENTER / OBSERVATION DECK FOR
ST JULIEN RECREATIONAL FACILITY
701 ST. NAZAIRE ROAD, BROUSSARD, LA 70518



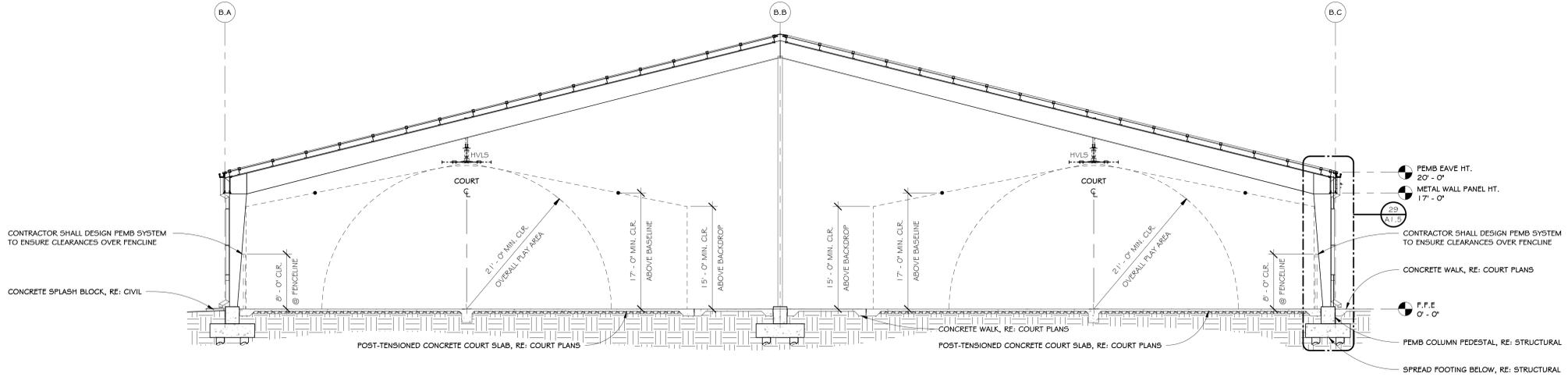
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8 PAVILION B BUILDING SECTION
 1/8" = 1'-0"



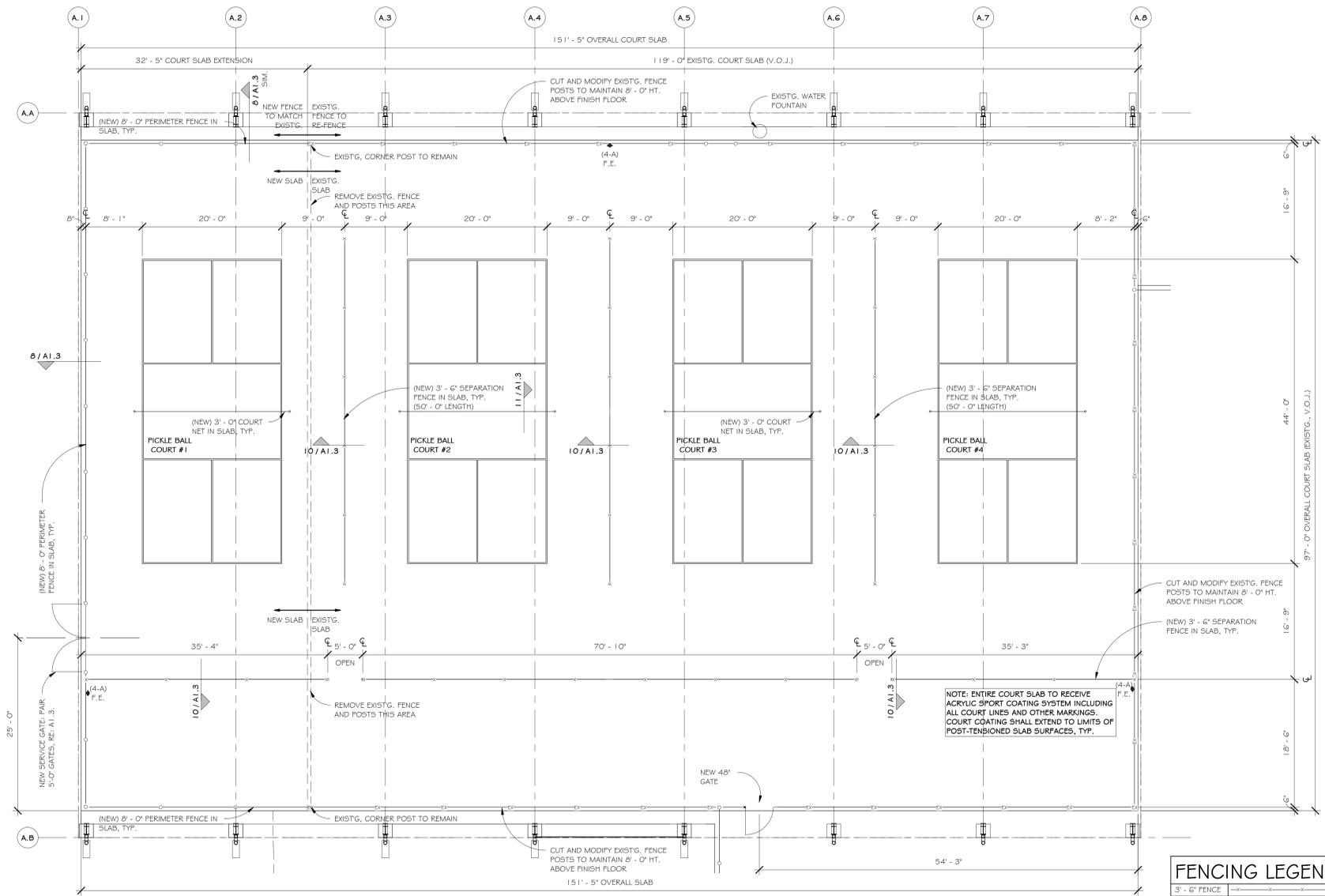
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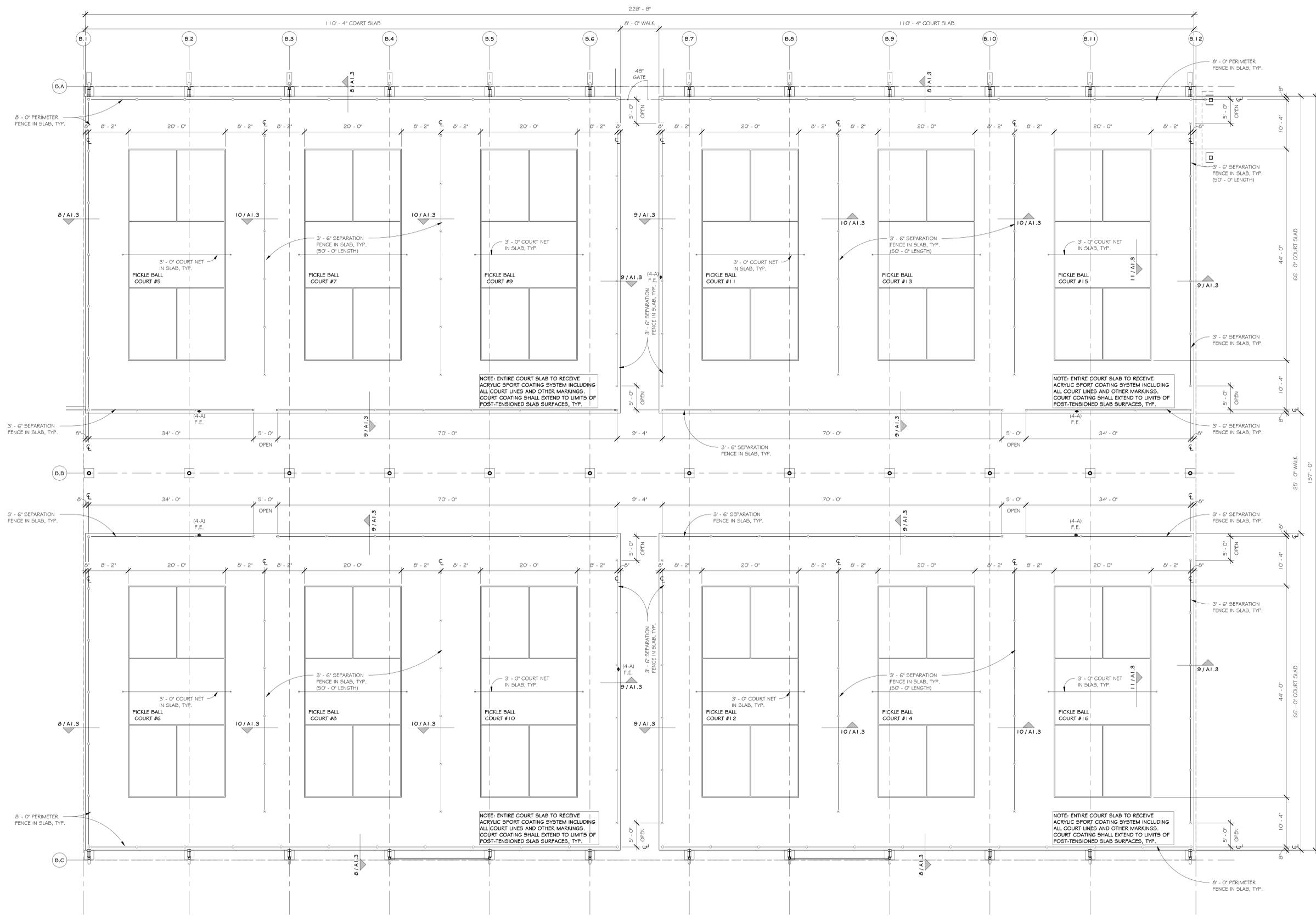
21 ENLARGED PICKLEBALL COURTS (#1 - #4)
1/8" = 1'-0"

NOTE: CONTRACTOR SHALL SALVAGE EXISTG. POSTS AND RE-FENCE EXISTG. FENCE LINE TO LIKE NEW CONDITION. CUT AND MODIFY EXISTG. POSTS TO MAINTAIN 8'-0" HT. ABOVE FINISH FLOOR. CONTRACTOR SHALL RE-COAT EXISTG. FENCE POSTS TO LIKE NEW CONDITION.

FENCING LEGEND	
3'-0" FENCE	
8'-0" FENCE	
8'-0" FENCE (EXISTG.)	

RE: A.1.3 FOR ALL FENCE DETAILS

ALL FENCES SHALL BE VINYL COATED CHAIN LINK FENCING, FENCE POST, RAILINGS, AND ALL OTHER COMPONENTS COATED TO MATCH FENCE.



NOTE: ENTIRE COURT SLAB TO RECEIVE ACRYLIC SPORT COATING SYSTEM INCLUDING ALL COURT LINES AND OTHER MARKINGS. COURT COATING SHALL EXTEND TO LIMITS OF POST-TENSIONED SLAB SURFACES, TYP.

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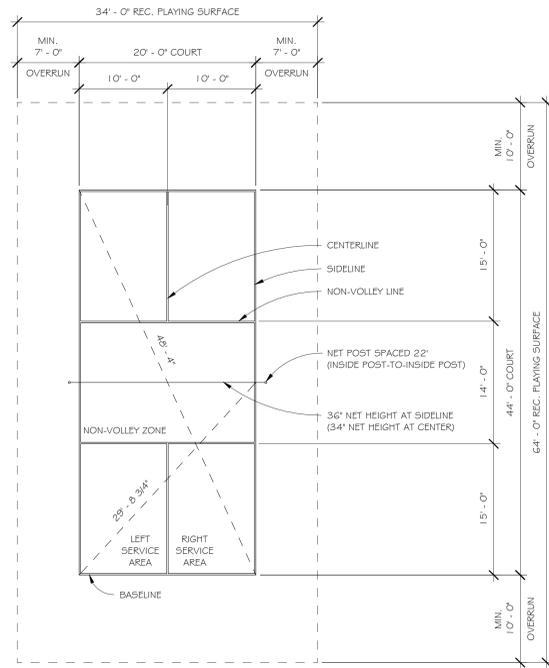
NOTE: ENTIRE COURT SLAB TO RECEIVE ACRYLIC SPORT COATING SYSTEM INCLUDING ALL COURT LINES AND OTHER MARKINGS. COURT COATING SHALL EXTEND TO LIMITS OF POST-TENSIONED SLAB SURFACES, TYP.

FENCING LEGEND

3'-0" FENCE	---
8'-0" FENCE	---
8'-0" FENCE (EXISTG.)	---

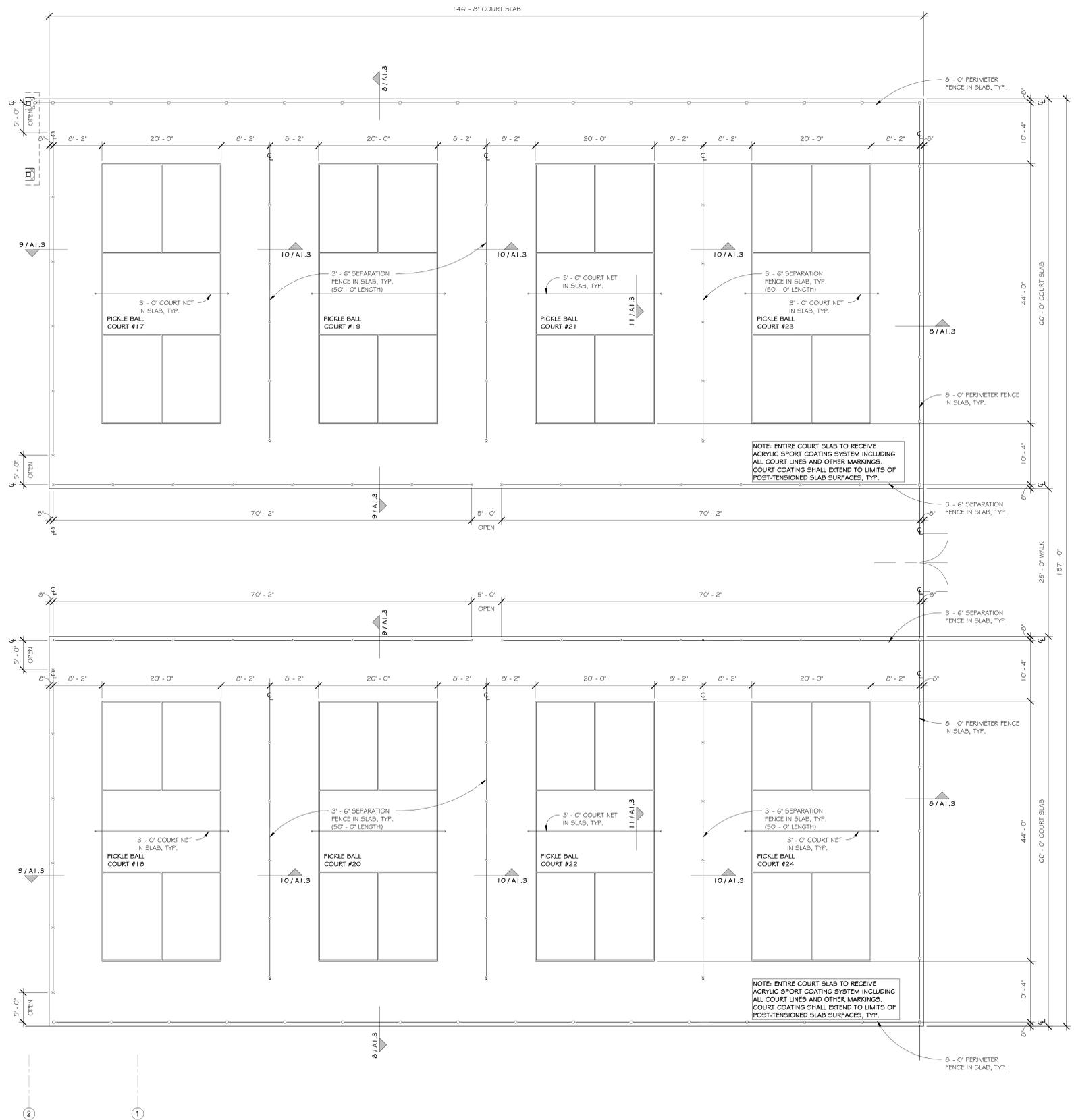
RE: A1.3 FOR ALL FENCE DETAILS

ALL FENCES SHALL BE VINYL COATED CHAIN LINK FENCING, FENCE POST, RAILINGS, AND ALL OTHER COMPONENTS COATED TO MATCH FENCE.



NOTES:
 1. ALL DIMENSIONS ARE TO THE OUTSIDE EDGE OF LINES. LINES SHALL BE 2" WIDE.
 2. NOTE: ENTIRE COURT SLAB TO RECEIVE ACRYLIC SPORT COATING SYSTEM INCLUDING ALL COURT LINES AND OTHER MARKINGS. COURT COATING SHALL EXTEND TO LIMITS OF POST-TENSIONED SLAB SURFACES, TYP.

13 TYPICAL PICKLE BALL COURT LAYOUT
 1/8" = 1'-0"



FENCING LEGEND

3' - 6" FENCE	
8' - 0" FENCE	
8' - 0" FENCE (EXISTING)	

RE: A1.3 FOR ALL FENCE DETAILS

ALL FENCES SHALL BE VINYL COATED CHAIN LINK FENCING, FENCE POST, RAILINGS, AND ALL OTHER COMPONENTS COATED TO MATCH FENCE.

27 ENLARGED PICKLEBALL COURTS (#17 - #24)
 1/8" = 1'-0"



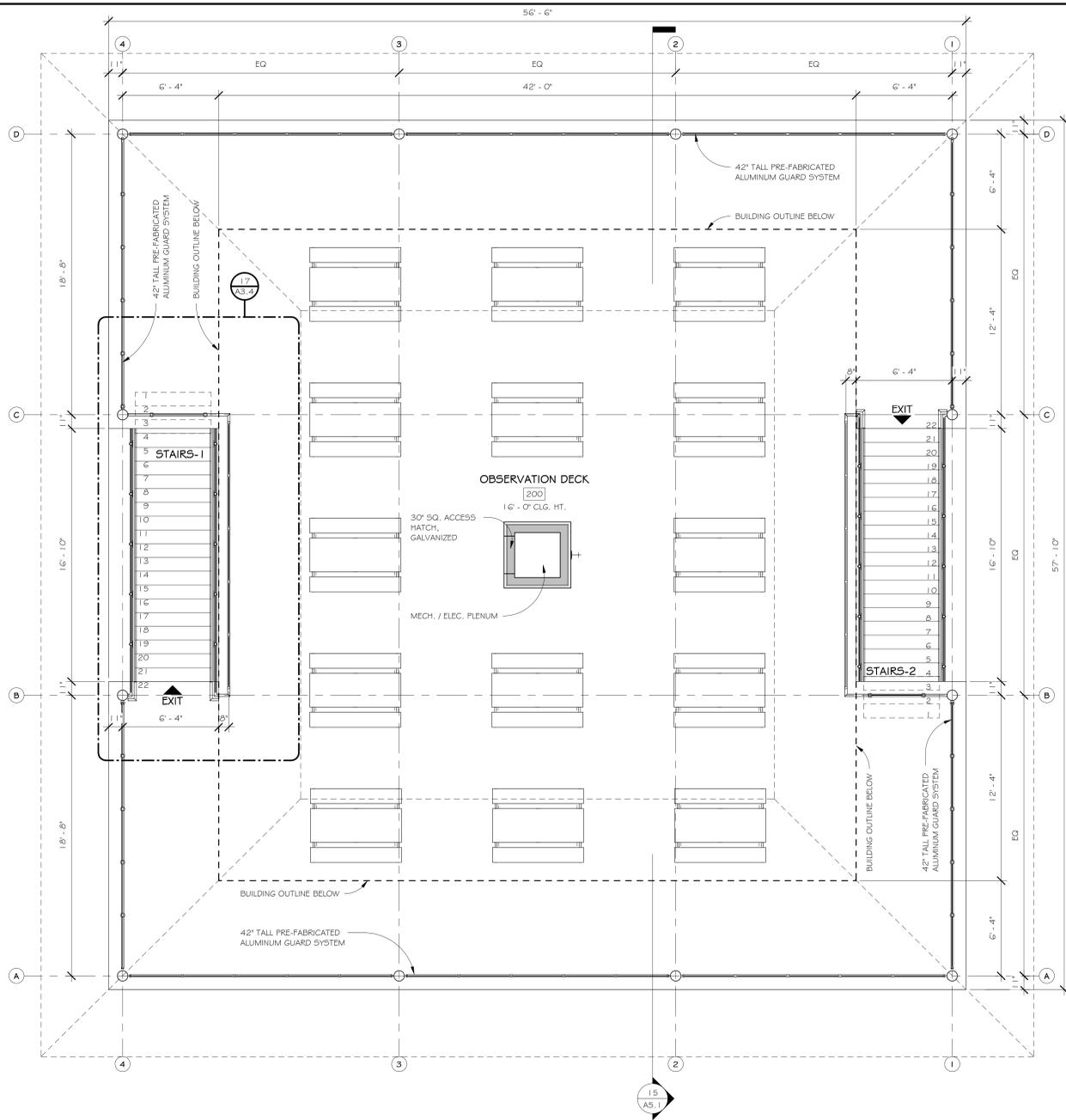
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23-035
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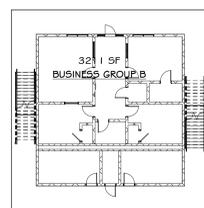
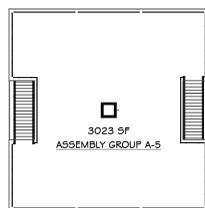
33 OF 97 SHEETS

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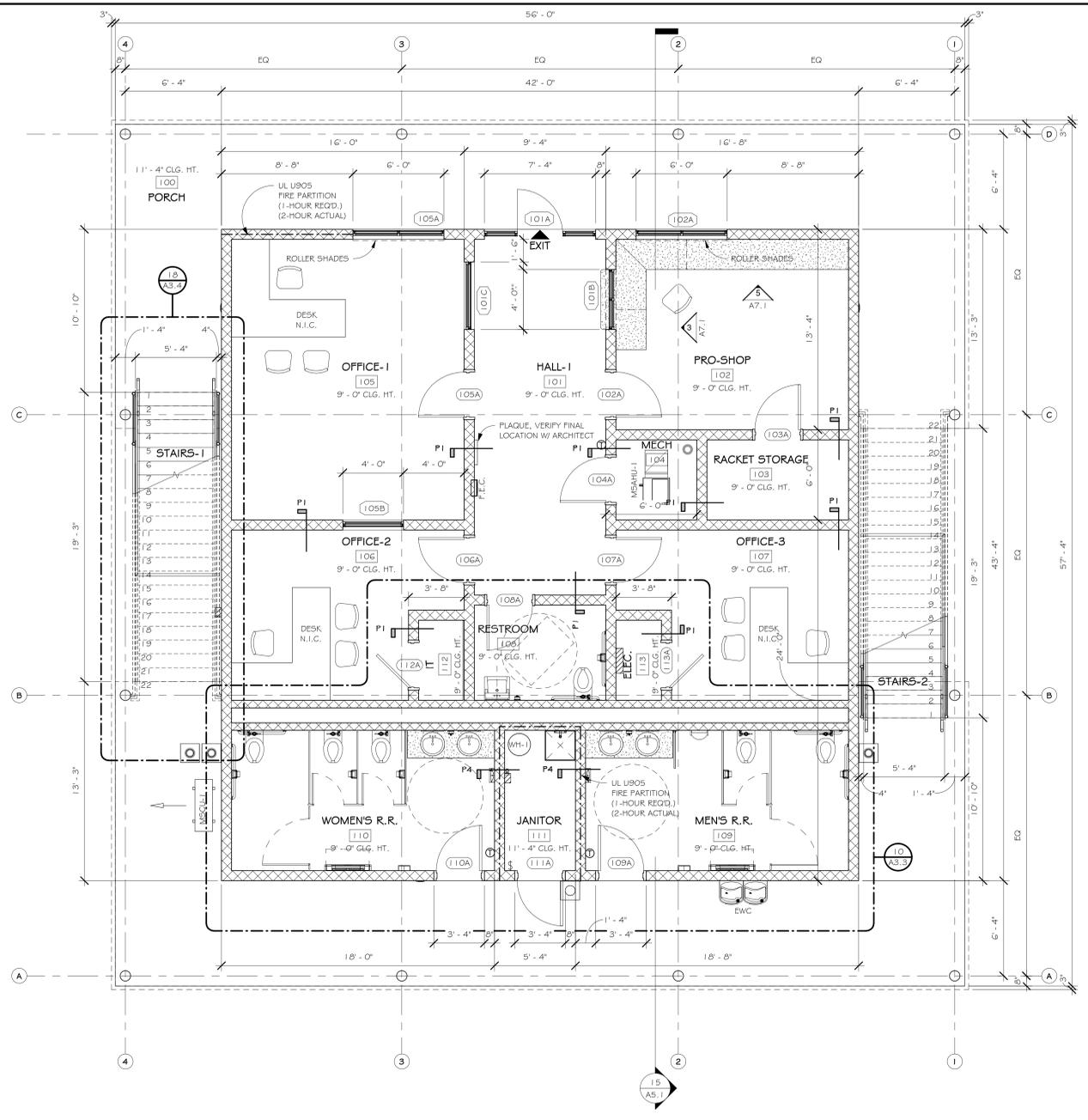
19 PRO SHOP SECOND FLOOR PLAN
1/4" = 1'-0"

GROSS AREA SCHEDULE.	
AREA	SQUARE FT
ASSEMBLY GROUP A-5	3023 SF
BUSINESS GROUP B	3211 SF
GROSS BUILDING AREA	6234 SF



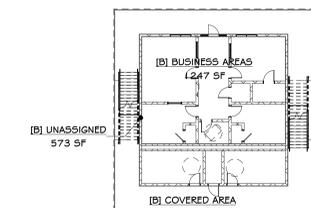
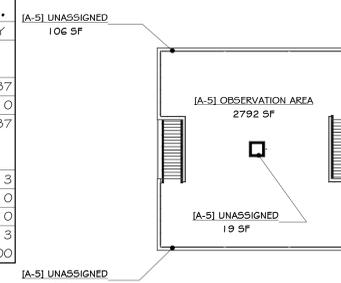
26 (PROSHOP) GROSS AREA
1" = 20'-0"
SECOND FLOOR

27 (PROSHOP) GROSS AREA
1" = 20'-0"
FIRST FLOOR



22 PRO SHOP FIRST FLOOR PLAN
1/4" = 1'-0"

NET AREA OCCUPANCY SCHEDULE.		
AREA	SQUARE FT	OCCUPANCY
ASSEMBLY GROUP A-5		
[A-5] OBSERVATION AREA	2792	187
[A-5] UNASSIGNED	231	0
	3023	187
BUSINESS GROUP B		
[B] BUSINESS AREAS	1247	13
[B] COVERED AREA	1391	0
[B] UNASSIGNED	573	0
	3211	13
TOTAL OCCUPANT LOAD	6234	200



29 (PROSHOP) NET AREA
1" = 20'-0"
SECOND FLOOR

30 (PROSHOP) NET AREA
1" = 20'-0"
FIRST FLOOR



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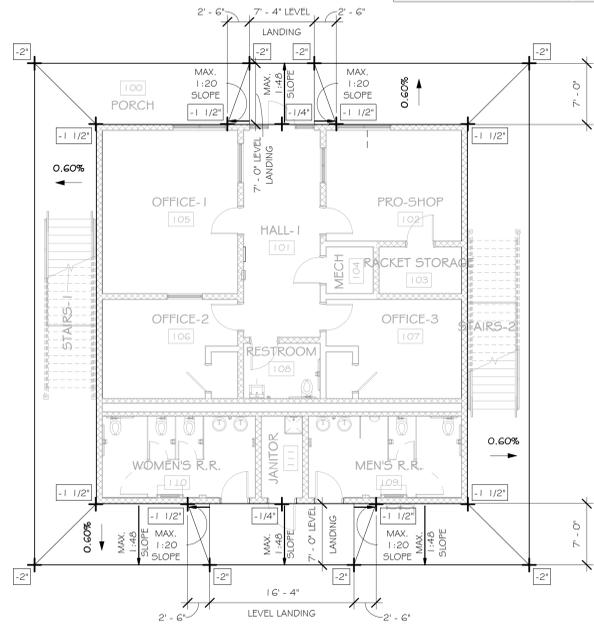
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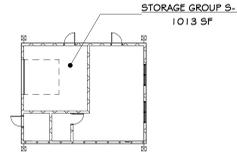
NOTES:
 • ALL ELEVATIONS ARE TO TOP OF EXTERIOR PAVEMENT RELATIVE TO F.F.E.
 • COORDINATE ALL FINISHED ELEVATIONS WITH CIVIL DRAWINGS.
 • GRADING SHOWN THIS PLAN SHALL SERVE AS A SUPPLEMENT TO THE CIVIL ENGINEER PLAN. ULTIMATELY, THE CIVIL ENGINEER IS RESPONSIBLE FOR SITE GRADING. PLEASE REPORT ANY DISCREPANCIES TO BOTH THE CIVIL ENGINEER AND ARCHITECT FOR DIRECTION.
 • MAINTAIN 1:48 MAX. CROSS SLOPE, TYPICAL.



7 ADA PAVEMENT REQUIREMENTS-PRO SHOP
 1/8" = 1'-0"

GROSS AREA SCHEDULE

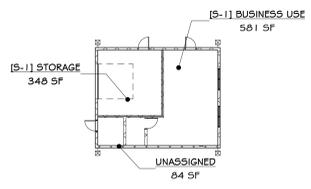
AREA	SQUARE FT
STORAGE GROUP 5-1	1013 SF
GROSS BUILDING AREA	1013 SF



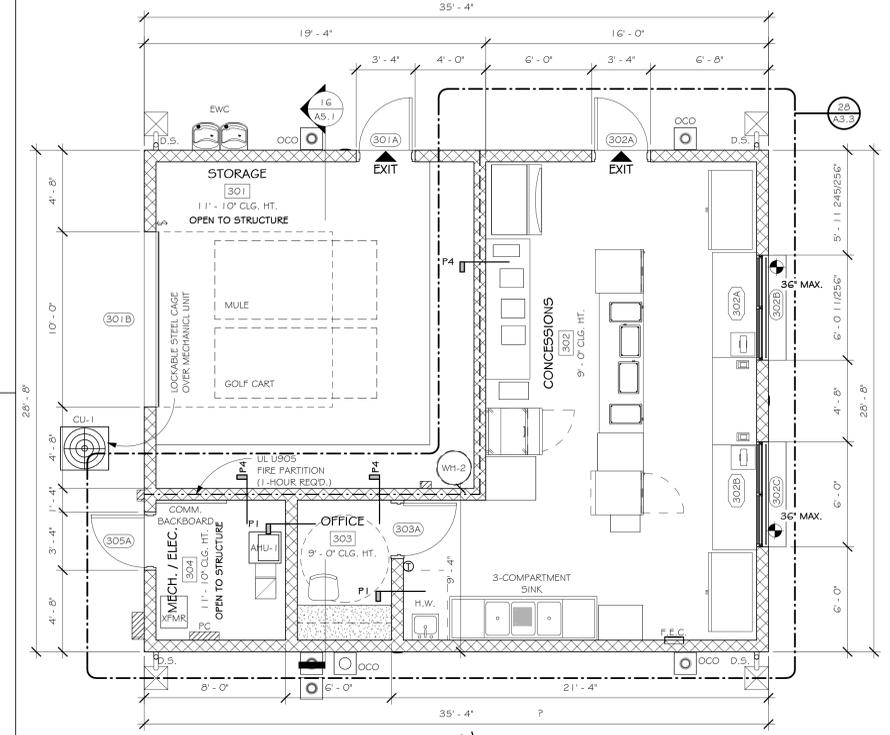
3 (CONCESSIONS) GROSS AREA
 1" = 20'-0"

NET AREA OCCUPANCY SCHEDULE

AREA	LOAD	SQUARE FT	OCCUPANCY
[5-1] STORAGE	300	348	2
[5-1] BUSINESS USE	150	581	4
UNASSIGNED	0	84	0
TOTAL OCCUPANT LOAD		1013	6

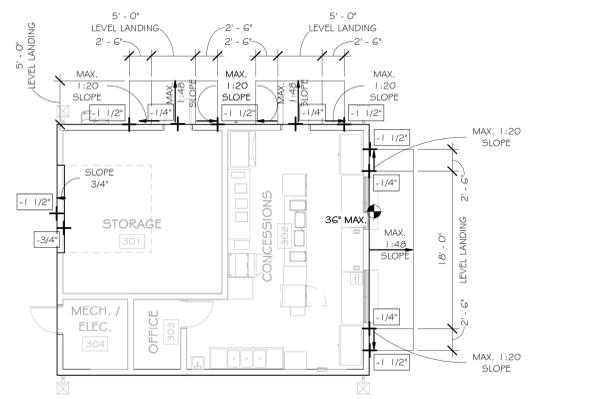


9 (CONCESSIONS) NET AREA
 1" = 20'-0"

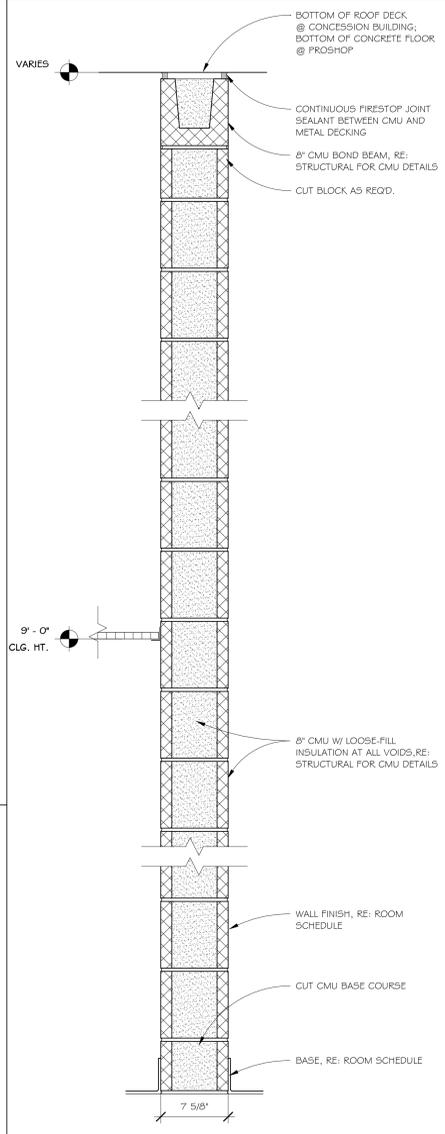


11 CONCESSIONS FLOOR PLAN
 1/4" = 1'-0"

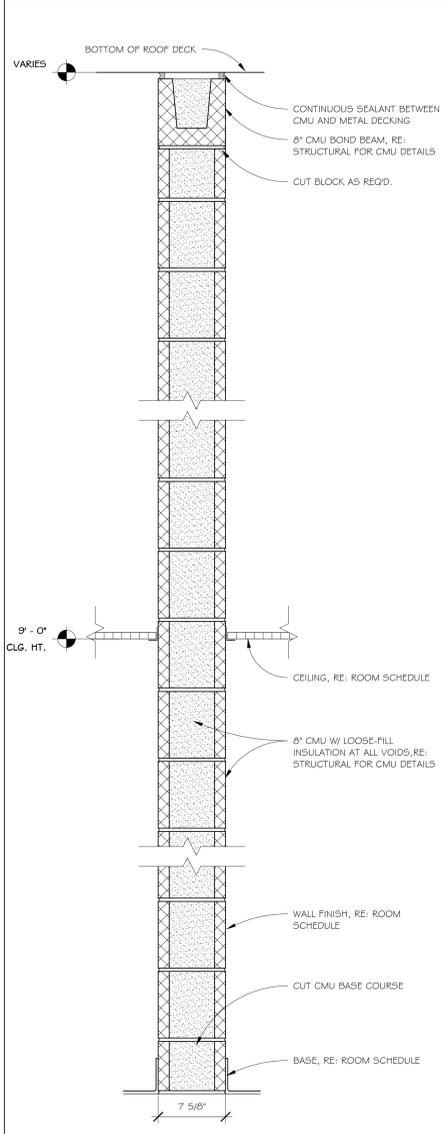
NOTES:
 • ALL ELEVATIONS ARE TO TOP OF EXTERIOR PAVEMENT RELATIVE TO F.F.E.
 • COORDINATE ALL FINISHED ELEVATIONS WITH CIVIL DRAWINGS.
 • GRADING SHOWN THIS PLAN SHALL SERVE AS A SUPPLEMENT TO THE CIVIL ENGINEER PLAN. ULTIMATELY, THE CIVIL ENGINEER IS RESPONSIBLE FOR SITE GRADING. PLEASE REPORT ANY DISCREPANCIES TO BOTH THE CIVIL ENGINEER AND ARCHITECT FOR DIRECTION.
 • MAINTAIN 1:48 MAX. CROSS SLOPE, TYPICAL.



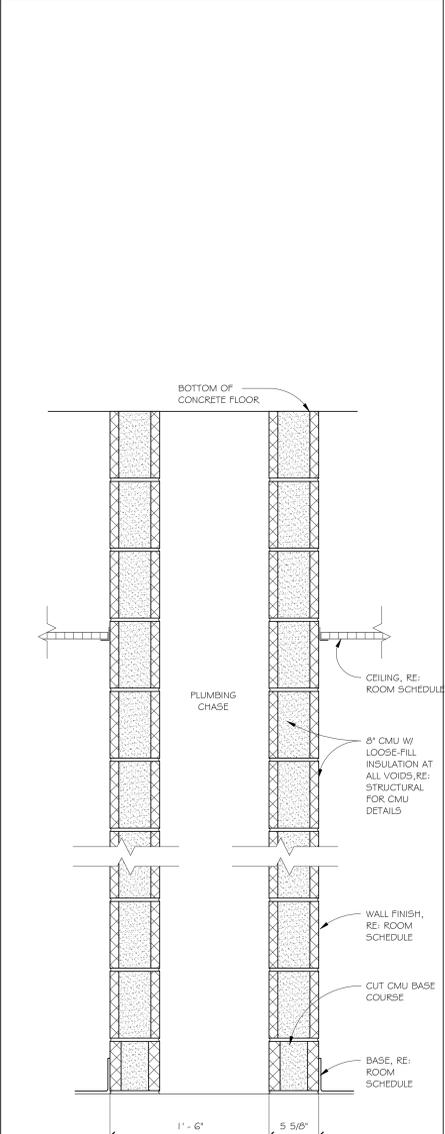
19 ADA PAVEMENT REQUIREMENTS-CONCESSION
 1/8" = 1'-0"



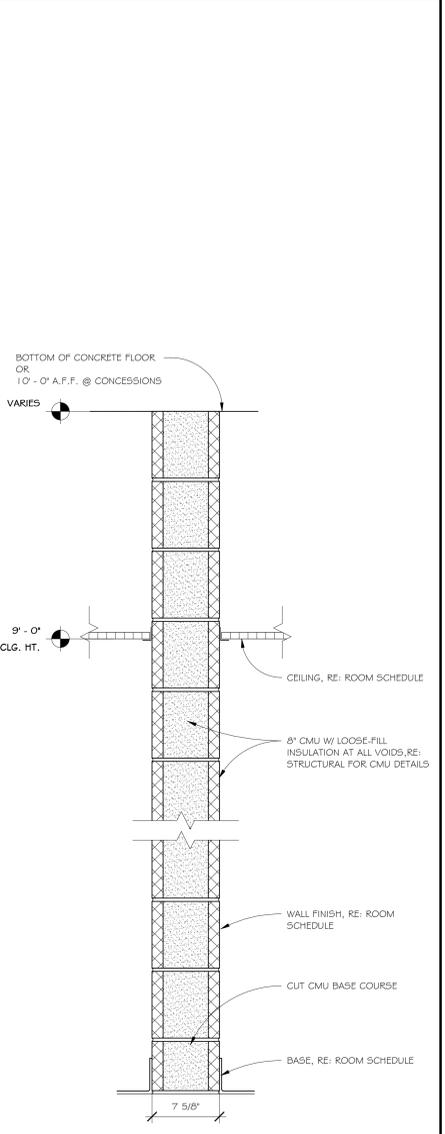
P4 8" CMU (TO DECK)
 1 1/2" = 1'-0"



P3 8" CMU (TO DECK)
 1 1/2" = 1'-0"



P2 6" CMU CHASE
 1 1/2" = 1'-0"

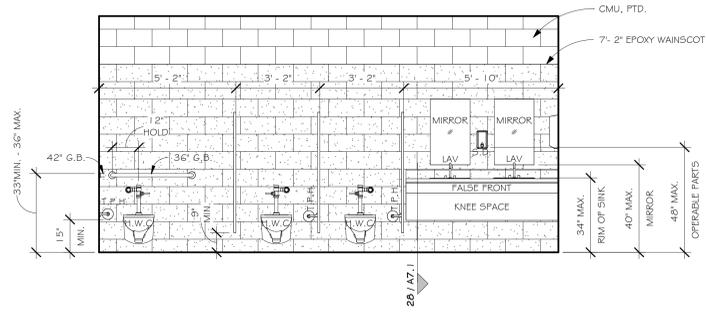


P1 8" CMU
 1 1/2" = 1'-0"

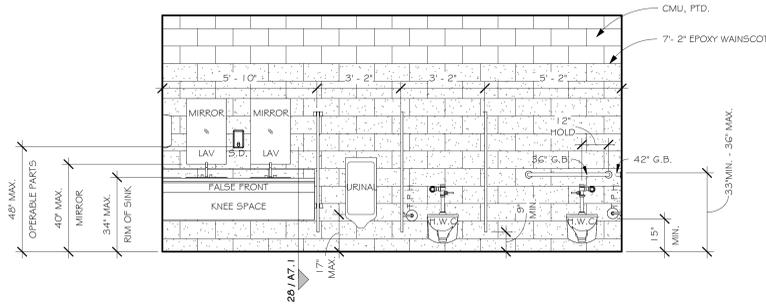


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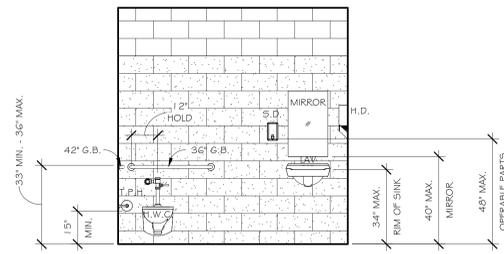
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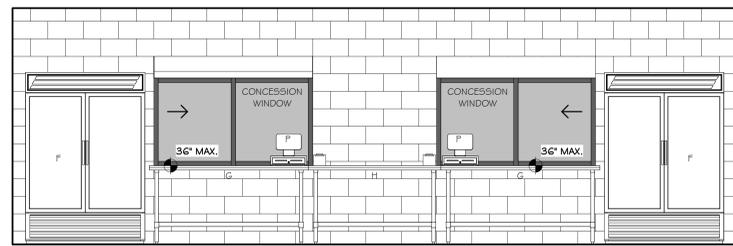
2 PRO SHOP WOMEN'S R.R.
3/8" = 1'-0"



8 PRO SHOP MEN'S R.R.
3/8" = 1'-0"



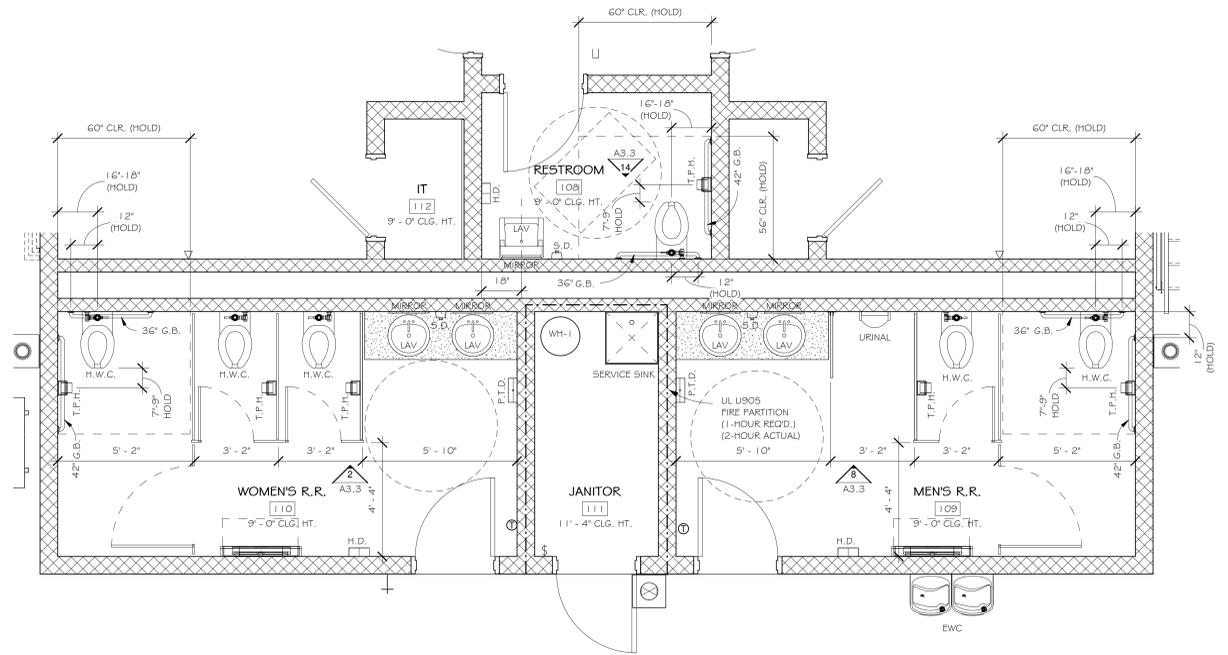
14 PRO SHOP RESTROOM
3/8" = 1'-0"



20 CONCESSION COUNTER
3/8" = 1'-0"

RESTROOM ACCESSORIES		
NO.	DESCRIPTION	MODEL
G.B.	36" x 42" CORNER GRAB BAR	BRADLEY 812
H.D.	HAND DRYER	
MIRROR	18" x 30" MIRROR	
S.D.	SOAP DISPENSER	
T.P.H.	TOILET PAPER HOLDER	

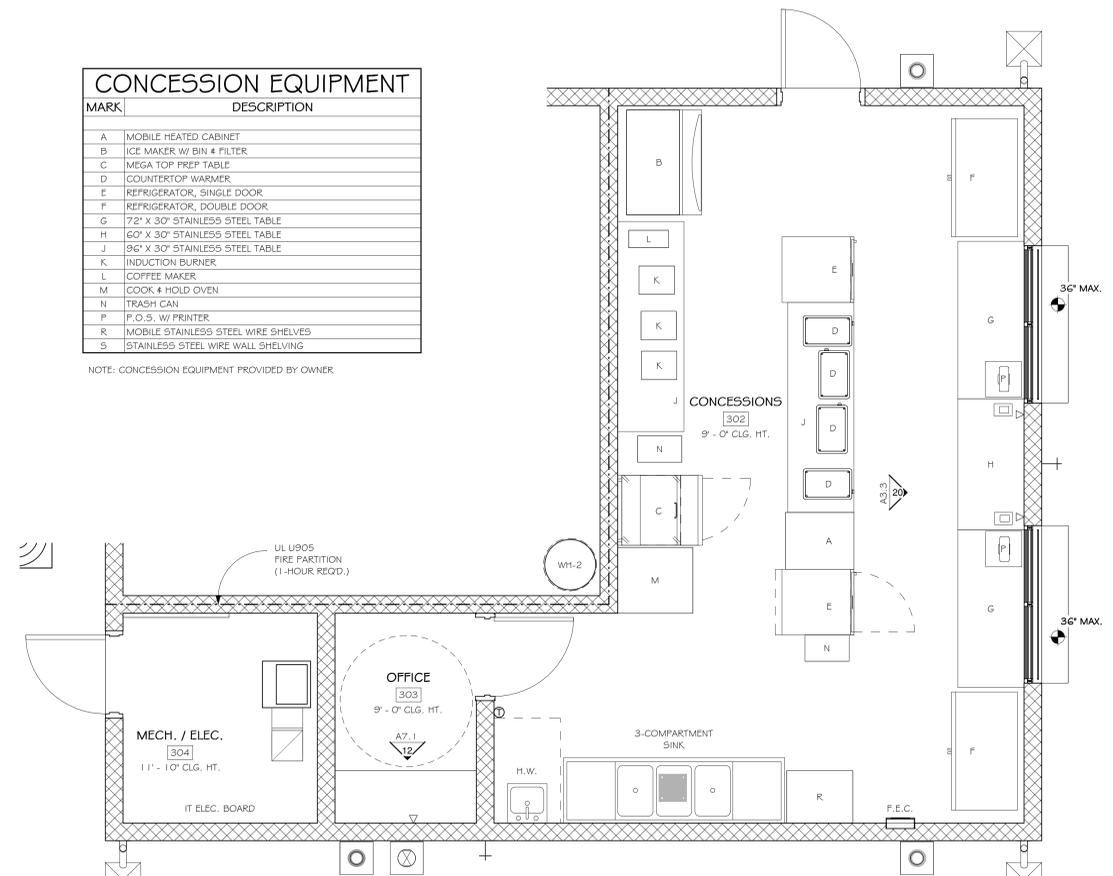
- RESTROOM NOTES:**
1. ALL LAVATORY HOT WATER AND DRAIN PIPES SHALL BE INSULATED WITH "TRUBRO" PRE-MOLDED PIPE INSULATOR SYSTEM.
 2. THE UNDERSIDE OF THE LAVATORY SHALL BE SMOOTH AND FREE OF SHARP EDGES.
 3. FAUCETS SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST TO OPERATE. PROVIDE WRIST BLADE LEVERS.
 4. PROVIDE SOLID 2X12 BLOCKING WITHIN WALLS FOR ALL WALL MOUNTED ITEMS, ACCESSORIES, AND FIXTURES.
 5. ALL FIXTURES AND ACCESSORIES, INCLUDING CLEARANCES AND MOUNTING HEIGHTS, SHALL COMPLY WITH THE CURRENT ADA REGULATIONS. RE: GENERAL ADA GUIDELINES THIS SET.
 6. REFER TO SHEET A.1 FOR ADDITIONAL INFORMATION REGARDING FIXTURE MOUNTING HEIGHTS AND CLEARANCES.
 7. SELF-METERING FAUCETS ARE REQUIRED FOR LAVATORIES OR OTHER HAND WASHING FIXTURES AND PROVIDE FLOW FOR AT LEAST 15 SECONDS.



10 ENLARGED PRO SHOP RESTROOM PLAN
3/8" = 1'-0"

CONCESSION EQUIPMENT	
MARK	DESCRIPTION
A	MOBILE HEATED CABINET
B	ICE MAKER W/ BIN & FILTER
C	MEGA TOP PREP TABLE
D	COUNTERTOP WARMER
E	REFRIGERATOR, SINGLE DOOR
F	REFRIGERATOR, DOUBLE DOOR
G	72" X 30" STAINLESS STEEL TABLE
H	60" X 30" STAINLESS STEEL TABLE
J	96" X 30" STAINLESS STEEL TABLE
K	INDUCTION BURNER
L	COFFEE MAKER
M	COOK & HOLD OVEN
N	TRASH CAN
P	F.O.S. W/ PRINTER
R	MOBILE STAINLESS STEEL WIRE SHELVES
S	STAINLESS STEEL WIRE WALL SHELVING

NOTE: CONCESSION EQUIPMENT PROVIDED BY OWNER



28 ENLARGED CONCESSIONS PLAN
3/8" = 1'-0"



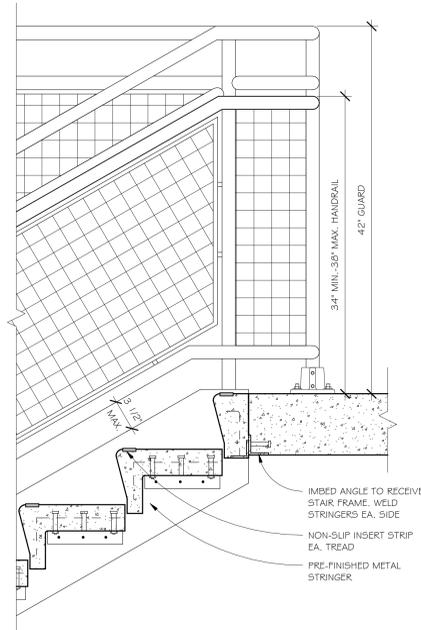
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SHEET

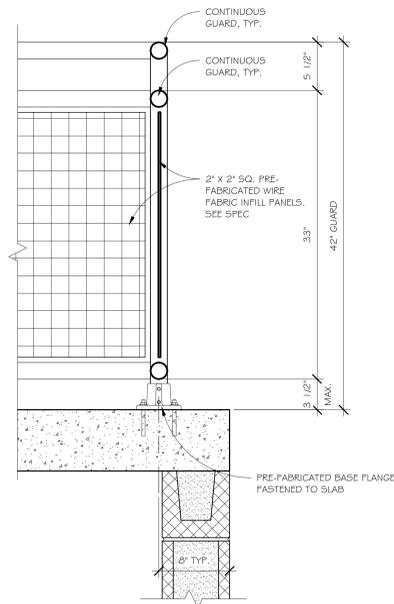
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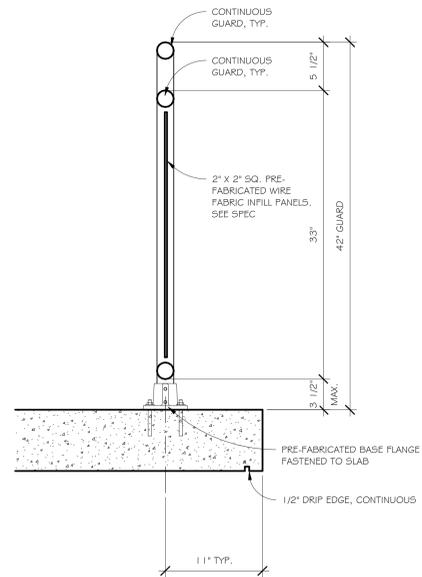
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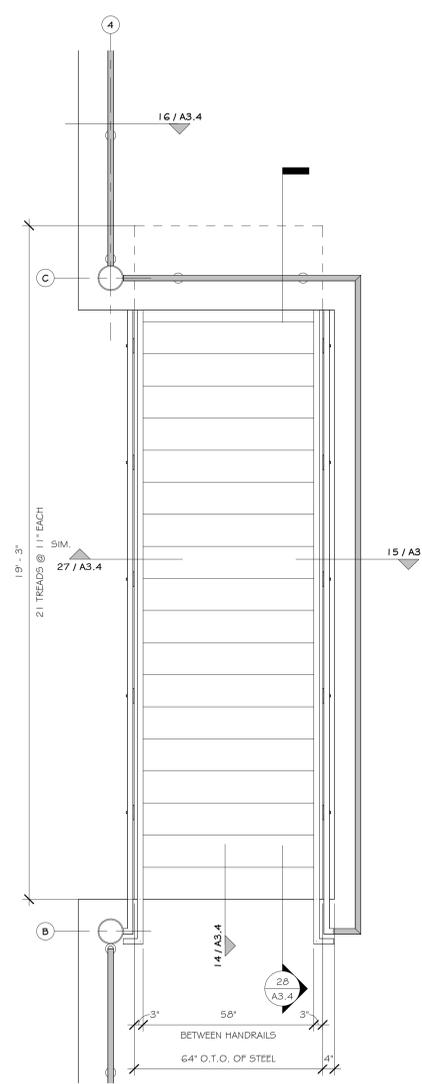
14 STAIR HEAD
1/2" = 1'-0"



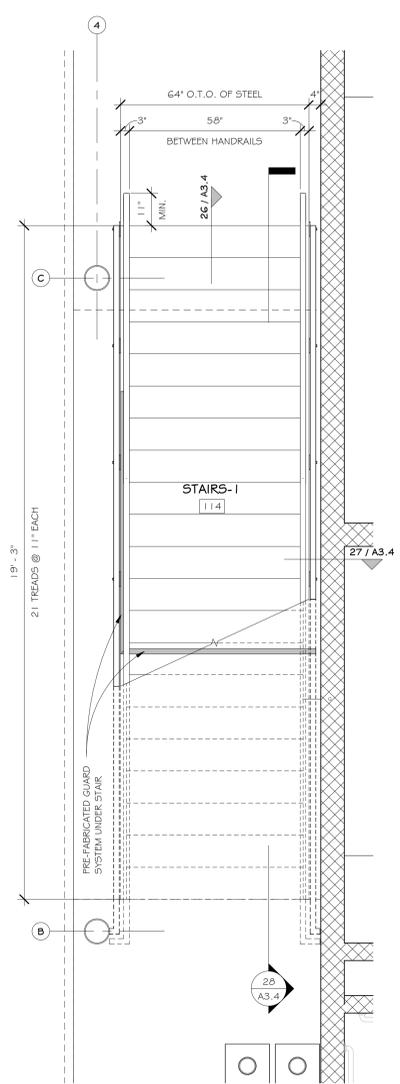
15 BALCONY RAIL @ STAIR
1/2" = 1'-0"



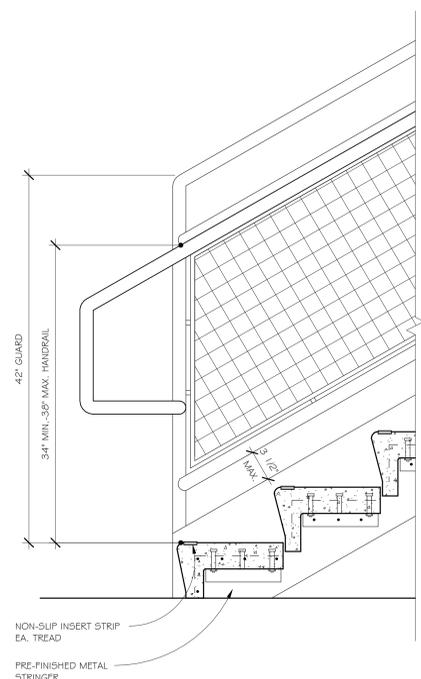
16 BALCONY RAIL, TYP.
1/2" = 1'-0"



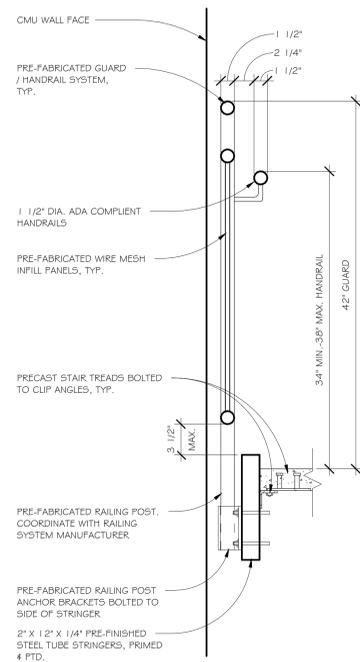
17 STAIR PLAN
1/2" = 1'-0" STAIRS-2 OPPOSITE



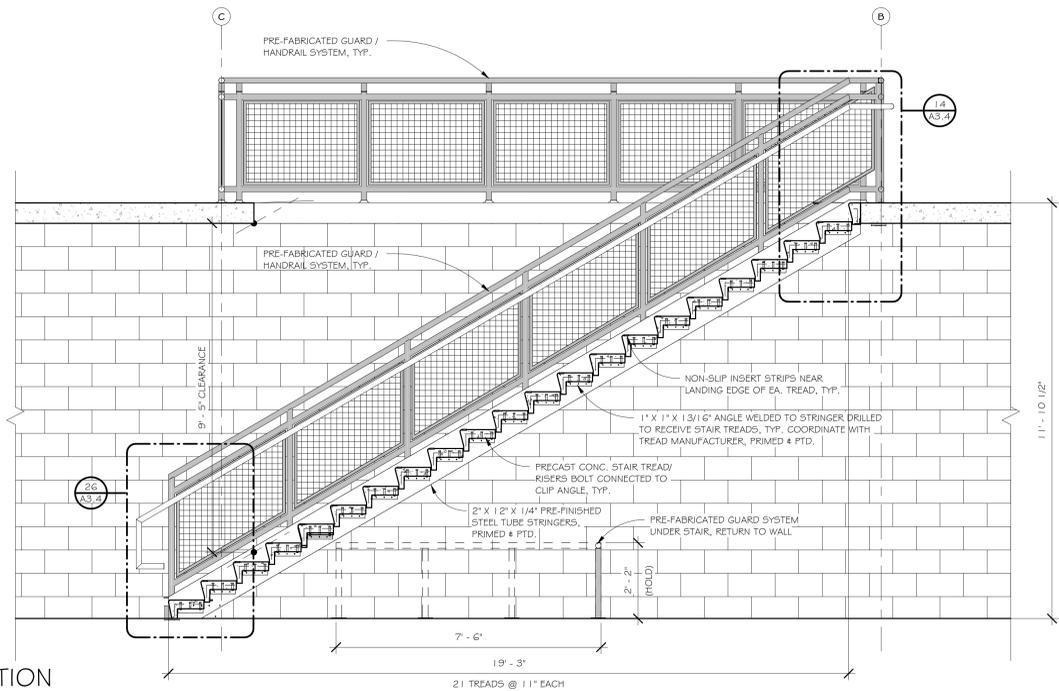
18 STAIR PLAN
1/2" = 1'-0" STAIRS-2 OPPOSITE



26 STAIR BASE
1/2" = 1'-0"



27 STAIR RAILING
1/2" = 1'-0"



28 STAIR SECTION
1/2" = 1'-0" STAIRS-2 OPPOSITE



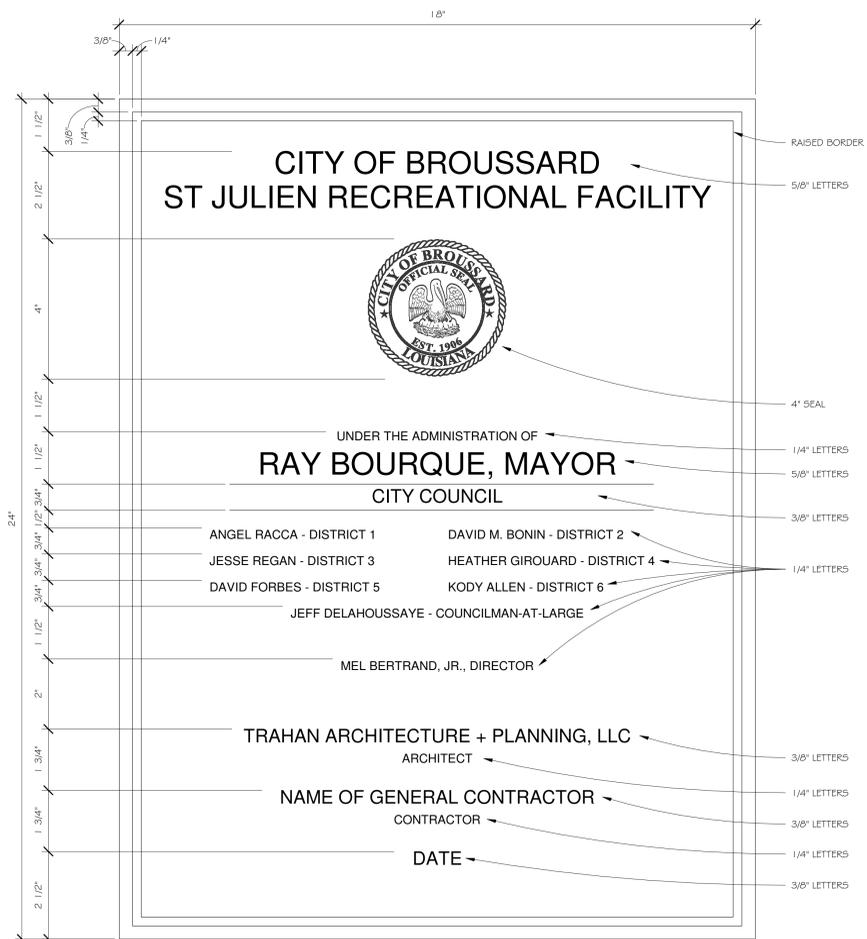
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23-035
SHEET

A3.4

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- NOTES:
- ALL LETTERS RAISED BRIGHT BRONZE.
 - ALL BACKGROUND TEXTURED BLACK (OR DARK BRONZE).
 - PROOFING REVIEW & APPROVAL REQUIRED PRIOR TO ORDERING.
 - MOUNTING LOCATION SHALL BE FIELD VERIFIED WITH THE ARCHITECT.
 - SEE SHEET A3.1 FOR MOUNTING LOCATION, VERIFY MOUNTING HEIGHT WITH ARCHITECT PRIOR TO INSTALLATION.

13 BUILDING PLAQUE

6" = 1'-0"

ROOM SCHEDULE

RM #	ROOM	FLOOR	BASE	CROWN	CASING	WALLS	CEILING	CLG. HT.	REMARKS
PRO SHOP									
100	PORCH		CONCRETE, BROOM FINISHED	-	-	-	OPEN TO STRUCTURE	11' - 4"	
101	HALL-1		EPOXY COATED CONCRETE	4" EPOXY COATED BASE	-	CMU, PTD.	2X2 ACOUSTICAL CEILING PANELS	9' - 0"	
102	PRO-SHOP		EPOXY COATED CONCRETE	4" EPOXY COATED BASE	-	CMU, PTD.	2X2 ACOUSTICAL CEILING PANELS	9' - 0"	
103	RACKET STORAGE		EPOXY COATED CONCRETE	4" EPOXY COATED BASE	-	CMU, PTD.	2X2 ACOUSTICAL CEILING PANELS	9' - 0"	
104	MECH		EPOXY COATED CONCRETE	4" EPOXY COATED BASE	-	CMU, PTD.	OPEN TO STRUCTURE	11' - 4"	
105	OFFICE-1		EPOXY COATED CONCRETE	4" EPOXY COATED BASE	-	CMU, PTD.	2X2 ACOUSTICAL CEILING PANELS	9' - 0"	
106	OFFICE-2		EPOXY COATED CONCRETE	4" EPOXY COATED BASE	-	CMU, PTD.	2X2 ACOUSTICAL CEILING PANELS	9' - 0"	
107	OFFICE-3		EPOXY COATED CONCRETE	4" EPOXY COATED BASE	-	CMU, PTD.	2X2 ACOUSTICAL CEILING PANELS	9' - 0"	
108	RESTROOM		EPOXY COATED CONCRETE	4" EPOXY COATED BASE	-	7" - 2" EPOXY COATED CMU WAINSCOT / CMU, PTD. ABOVE	M.R. GYP. BD., PTD.	9' - 0"	
109	MENS R.R.		EPOXY COATED CONCRETE	4" EPOXY COATED BASE	-	7" - 2" EPOXY COATED CMU WAINSCOT / CMU, PTD. ABOVE	M.R. GYP. BD., PTD.	9' - 0"	
110	WOMENS R.R.		EPOXY COATED CONCRETE	4" EPOXY COATED BASE	-	7" - 2" EPOXY COATED CMU WAINSCOT / CMU, PTD. ABOVE	M.R. GYP. BD., PTD.	9' - 0"	
111	JANITOR		EPOXY COATED CONCRETE	4" EPOXY COATED BASE	-	7" - 2" EPOXY COATED CMU WAINSCOT / CMU, PTD. ABOVE	OPEN TO STRUCTURE	11' - 4"	
112	IT		EPOXY COATED CONCRETE	4" EPOXY COATED BASE	-	CMU, PTD.	2X2 ACOUSTICAL CEILING PANELS	9' - 0"	
113	ELEC.		EPOXY COATED CONCRETE	4" EPOXY COATED BASE	-	CMU, PTD.	2X2 ACOUSTICAL CEILING PANELS	9' - 0"	
114	STAIRS-1		PRE-FABRICATED CONCRETE	-	-	CMU, PTD.	OPEN TO ROOF ABOVE	24' - 0" VARIES	
115	STAIRS-2		PRE-FABRICATED CONCRETE	-	-	CMU, PTD.	OPEN TO ROOF ABOVE	24' - 0" VARIES	
200	OBSERVATION DECK		EPOXY COATED CONCRETE	-	-	-	METAL SOFFIT PANEL	16' - 0"	
CONCESSIONS									
301	STORAGE		EPOXY COATED CONCRETE	4" EPOXY COATED BASE	-	CMU, PTD.	OPEN TO STRUCTURE	11' - 10"	
302	CONCESSIONS		EPOXY COATED CONCRETE	4" EPOXY COATED BASE	-	CMU, PTD.	2X2 VINYL FACED ACOUSTICAL CEILING PANEL	9' - 0"	
303	OFFICE		EPOXY COATED CONCRETE	4" EPOXY COATED BASE	-	CMU, PTD.	2X2 VINYL FACED ACOUSTICAL CEILING PANEL	9' - 0"	
304	MECH / ELEC.		EPOXY COATED CONCRETE	4" EPOXY COATED BASE	-	CMU, PTD.	OPEN TO STRUCTURE	11' - 10"	

DOOR SCHEDULE

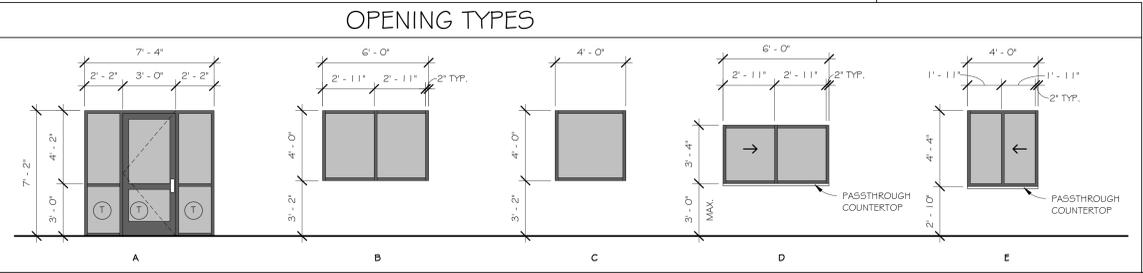
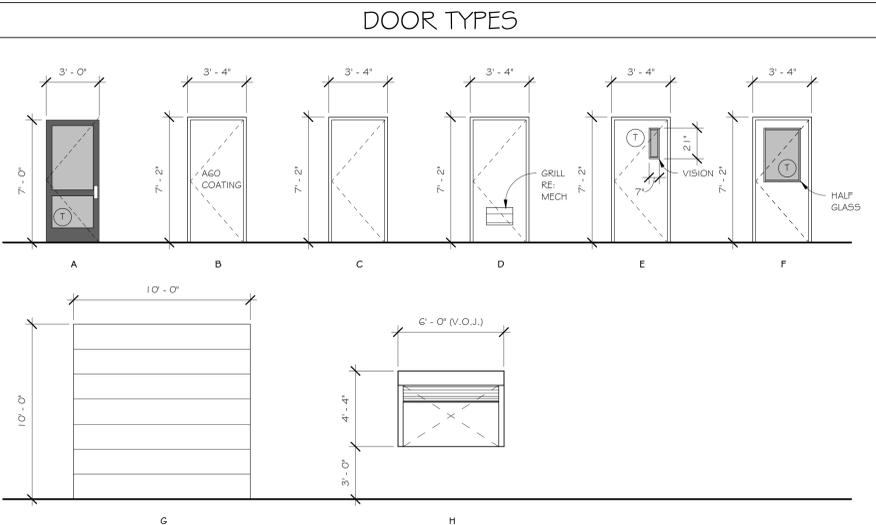
NO.	TYPE	DOOR			DESCRIPTION	DOOR FRAME	HARDWARE / LOCKSET TYPE	DOOR HEAD	DOOR JAMB	DOOR THRESHOLD	FIRE RATING	DOOR REMARKS
		WIDTH	HEIGHT	THK.								
PRO SHOP												
101A	A	3' - 0"	7' - 0"	1 3/4"	EXT. ANODIZED ALUM. / 1/2" INSUL., LOW - E GLASS (TEMPRD.)	ANODIZED ALUM.	1			ALUM.	45MIN.	STOREFRONT ENTRY DOOR # 4 FRAME (TEMPRD.)
102A	F	3' - 0"	7' - 0"	1 3/4"	H.M. DOOR W/ HALF GLASS	EXT. H.M., PTD.	4					
103A	C	3' - 0"	7' - 0"	1 3/4"	INT. FLUSH H.M. DOOR	H.M. FRAME	4					
104A	D	3' - 0"	7' - 0"	1 3/4"	INT. FLUSH H.M. DOOR W/ GRILL (RE: MECHANICAL)	H.M. FRAME	4					
105A	E	3' - 0"	7' - 0"	1 3/4"	INT. FLUSH H.M. DOOR W/ VISION	H.M. FRAME	5					
106A	E	3' - 0"	7' - 0"	1 3/4"	INT. FLUSH H.M. DOOR W/ VISION	H.M. FRAME	5					
107A	E	3' - 0"	7' - 0"	1 3/4"	INT. FLUSH H.M. DOOR W/ VISION	H.M. FRAME	5					
108A	C	3' - 0"	7' - 0"	1 3/4"	INT. FLUSH H.M. DOOR	H.M. FRAME	6					
109A	B	3' - 0"	7' - 0"	1 3/4"	EXT. FLUSH H.M. DOOR, INSULATED, PTD.	H.M. FRAME	3					
110A	B	3' - 0"	7' - 0"	1 3/4"	EXT. FLUSH H.M. DOOR, INSULATED, PTD.	H.M. FRAME	3					
111A	B	3' - 0"	7' - 0"	1 3/4"	EXT. FLUSH H.M. DOOR, INSULATED, PTD.	H.M. FRAME	2					
112A	C	3' - 0"	7' - 0"	1 3/4"	INT. FLUSH H.M. DOOR	H.M. FRAME	4					
113A	C	3' - 0"	7' - 0"	1 3/4"	INT. FLUSH H.M. DOOR	H.M. FRAME	4					
CONCESSIONS												
301A	B	3' - 0"	7' - 0"	1 3/4"	EXT. FLUSH H.M. DOOR, INSULATED, PTD.	H.M. FRAME	1					
301B	G	10' - 0"	10' - 0"	2"	OVERHEAD SECTIONAL GARAGE DOOR, INSULATED	STEEL	-					
302A	B	3' - 0"	7' - 0"	1 3/4"	EXT. FLUSH H.M. DOOR, INSULATED, PTD.	H.M. FRAME	1					
302B	H	5' - 5"	3' - 6"	1/2"	OVERHEAD ROLLING COUNTER DOOR	ALUMINUM	-					
302C	H	5' - 5"	3' - 6"	1/2"	OVERHEAD ROLLING COUNTER DOOR	ALUMINUM	-					
303A	C	3' - 0"	7' - 0"	1 3/4"	INT. FLUSH H.M. DOOR	H.M. FRAME	5					
305A	B	3' - 0"	7' - 0"	1 3/4"	EXT. FLUSH H.M. DOOR, INSULATED, PTD.	H.M. FRAME	2					

NOTE: PROVIDE FIRE RATED HARDWARE INCLUDING CLOSER AND SMOKE SEALS TO ALL RATED DOORS.

STOREFRONT SCHEDULE

NO.	TYPE	WIDTH	HEIGHT	FRAME	HEAD	JAMB	SILL	GLAZING	HEAD HT.	REMARKS
PRO SHOP										
101A	A	7' - 4"	7' - 2"	EXT. ANODIZED ALUM. SYSTEM				1/2" INSUL., LOW - E*	7' - 2"	STOREFRONT ENTRY DOOR # 4 FRAME (TEMPRD.)
101B	E	4' - 0"	4' - 4"	INT. ANODIZED ALUM. SYSTEM, SLIDING				1/2" INSUL., LOW - E*	7' - 2"	
101C	C	4' - 0"	4' - 0"	INT. ANODIZED ALUM. SYSTEM				1/2" INSUL., LOW - E*	7' - 2"	
102A	B	6' - 0"	4' - 0"	EXT. ANODIZED ALUM. SYSTEM				1/2" INSUL., LOW - E*	7' - 2"	
105A	B	6' - 0"	4' - 0"	EXT. ANODIZED ALUM. SYSTEM				1/2" INSUL., LOW - E*	7' - 2"	
105B	C	4' - 0"	4' - 0"	INT. ANODIZED ALUM. SYSTEM				1/2" INSUL., LOW - E*	7' - 2"	
CONCESSIONS										
302A	D	4' - 0"	3' - 6"	SLIDING CONCESSION WINDOW				1/2" INSUL., LOW - E*	(VERIFY SILL & HEAD HT.)	(VERIFY SILL & HEAD HT.)
302B	D	4' - 0"	3' - 6"	SLIDING CONCESSION WINDOW				1/2" INSUL., LOW - E*	(VERIFY SILL & HEAD HT.)	(VERIFY SILL & HEAD HT.)

NOTE: ALL WINDOWS WITHIN 24" OR LESS OF ANY DOOR WITHIN SAME OR ADJACENT WALL WILL REQUIRE TEMPERED SAFETY GLASS.



ROOM SIGNAGE SCHEDULE

DOOR	COPY	FONT / GRAPHICS	REMARKS
101A, 301A, 302A	EXIT	5/8" STANDARD MEDIUM / HC INTERNATIONAL SYMBOL / BRAILLE DOTS / HC300A	1/2" RADIUS CORNERS ALL SIGNS VINYL FOAM TAPE FOR MOUNTING ALL SIGNS 3/8" RAISED BOARDERS ALL SIGNS BEST MANUFACTURING OR APPROVED EQUIVALENT GRAPH BLAST MP - COLORS: SHALL BE VERIFIED WITH OWNER
108A, 109A, 110A	RESTROOM	5/8" HIGH, STANDARD MEDIUM / BRAILLE DOTS / HC300 SERIES	*ROOM NAME VERIFY WITH OWNER
101A, 102A, 104A, 105A, 106A, 107A, 111A, 301A, 302A, 303A	*ROOM NAME	5/8" HIGH, STANDARD MEDIUM / HC300 SERIES	

DOOR HARDWARE

HARDWARE SET NO. 1 3 HINGES (BB) 1 ENTRANCE LOCKSET 1 CLOSER 1 THRESHOLD 1 SWEEP 1 PANIC HARDWARE 1 SILENCERS 1 WEATHERSTRIPPING	HARDWARE SET NO. 2 3 HINGES (BB) 1 STORAGE LOCKSET 1 DOORWALL STOP 1 SWEEP 1 SILENCERS 1 WEATHERSTRIPPING	HARDWARE SET NO. 3 3 HINGES (BB) 1 PASSAGE LATCHSET 1 CLOSURE 1 THRESHOLD 1 DOORWALL STOP 1 SWEEP 1 SILENCERS 1 WEATHERSTRIPPING	HARDWARE SET NO. 4 3 HINGES (BB) 1 STORAGE LOCKSET 1 DOORWALL STOP	HARDWARE SET NO. 5 3 HINGES (BB) 1 OFFICE LOCKSET 1 DOORWALL STOP	HARDWARE SET NO. 6 3 HINGES (BB) 1 PRIVACY LOCKSET 1 CLOSURE 1 DOORWALL STOP 1 SILENCERS
---	--	---	--	---	--

NOTE:
 1. PROVIDE AND INSTALL A WALL OR DOOR STOP AT EACH INT. DOOR.
 2. CONTRACTOR SHALL REVIEW ALL HARDWARE AT EACH DOOR WITH OWNER PRIOR TO ORDERING.

arahan
 ARCHITECTURE + PLANNING, LLC

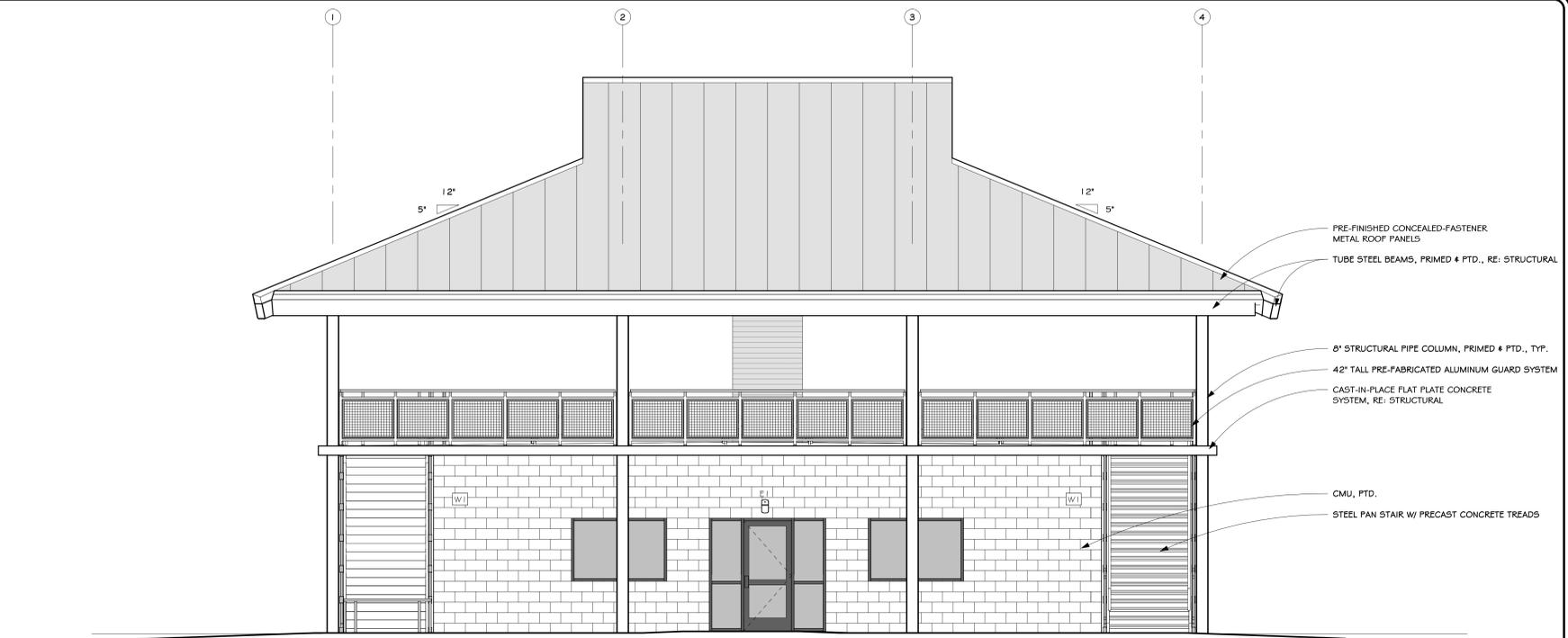
819 Saint John St.
 Lafayette, La. 70501
 337-504-7580
 russell@arahanarchitecture.com

A NEW RACKET CENTER & OBSERVATION DECK FOR
ST JULIEN RECREATIONAL FACILITY
 701 ST. MAZARIE ROAD, BROUSSARD, LA 70518

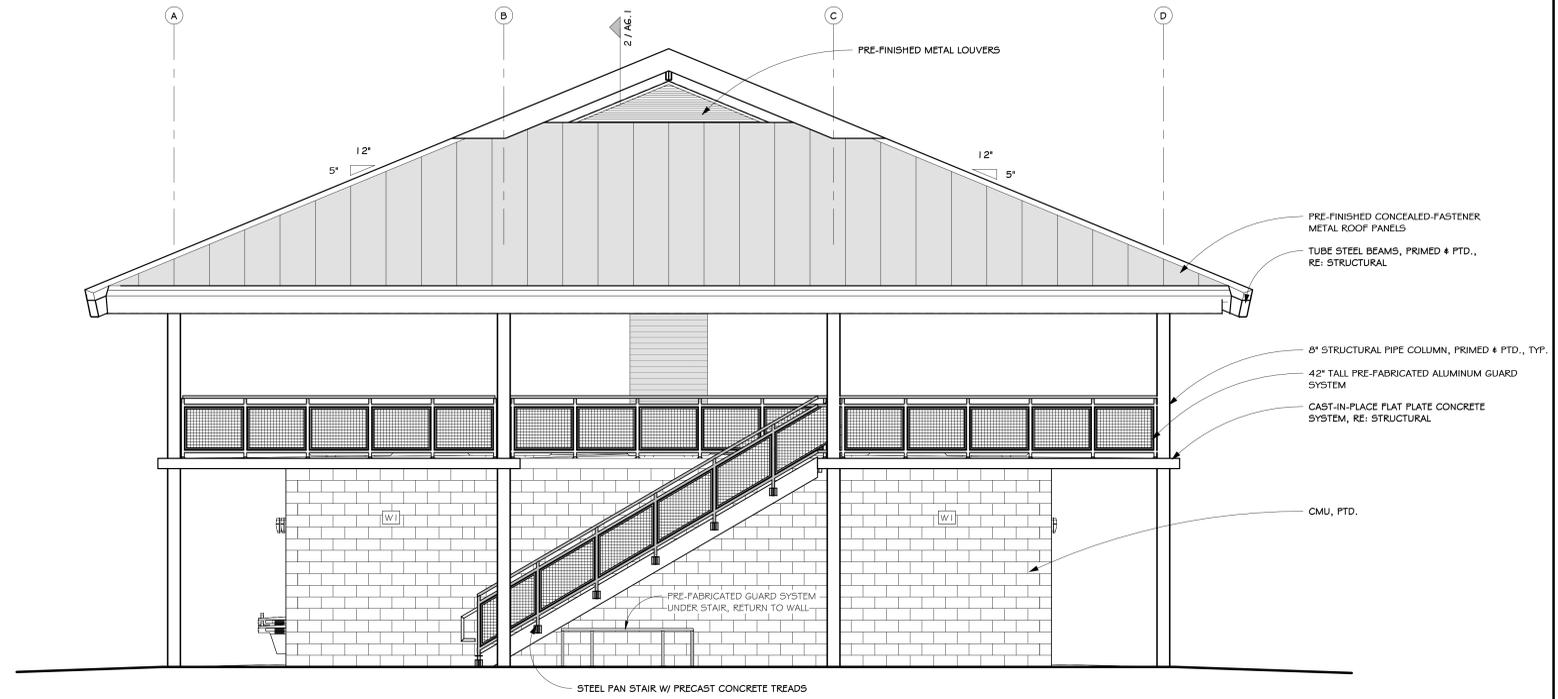
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9 PRO SHOP-FRONT ELEVATION
1/4" = 1'-0"



21 PRO SHOP-LEFT ELEVATION
1/4" = 1'-0"



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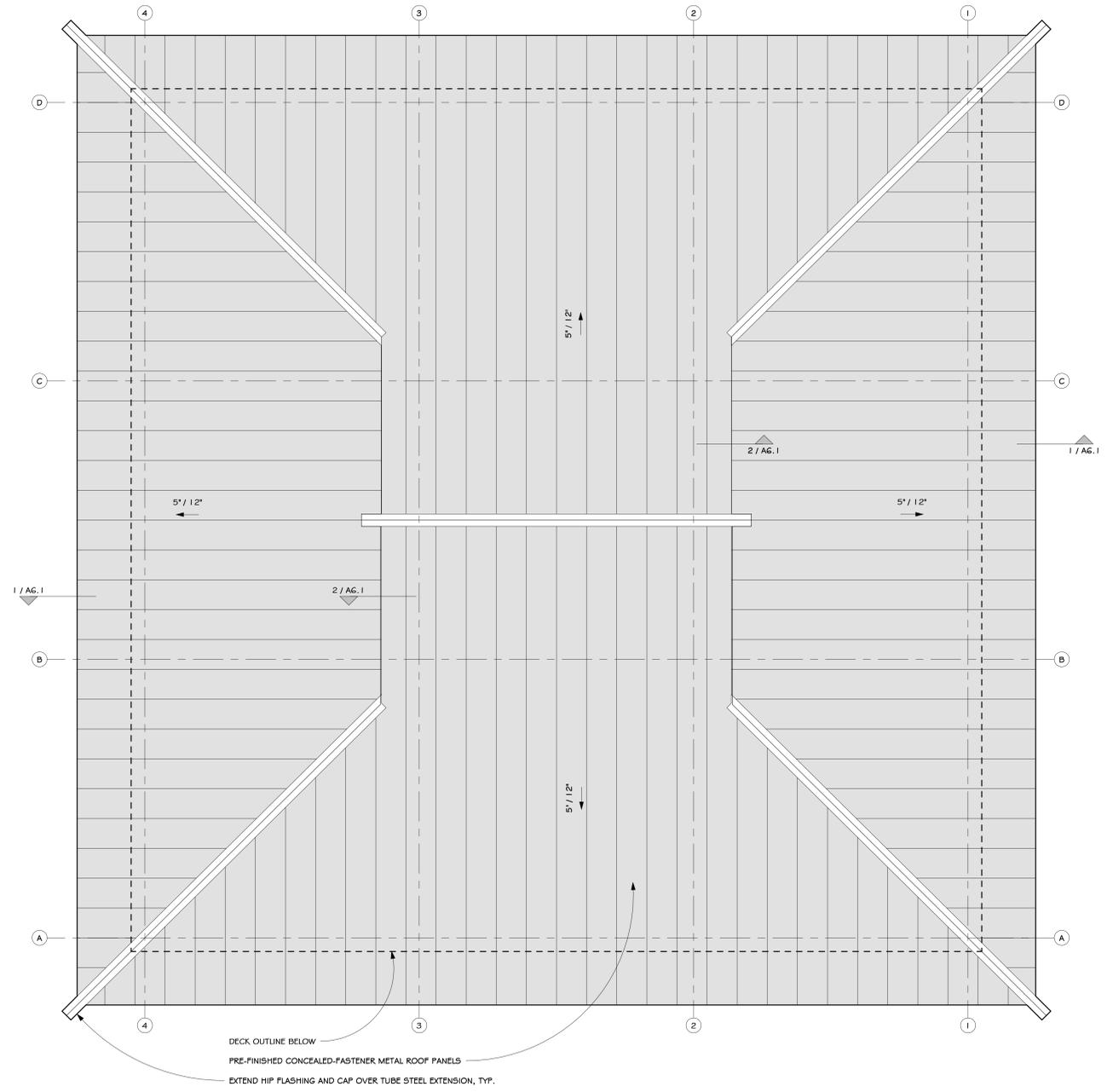
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22 PRO SHOP ROOF PLAN
1/4" = 1'-0"



DECK OUTLINE BELOW
 PRE-FINISHED CONCEALED-FASTENER METAL ROOF PANELS
 EXTEND HIP FLASHING AND CAP OVER TUBE STEEL EXTENSION, TYP.

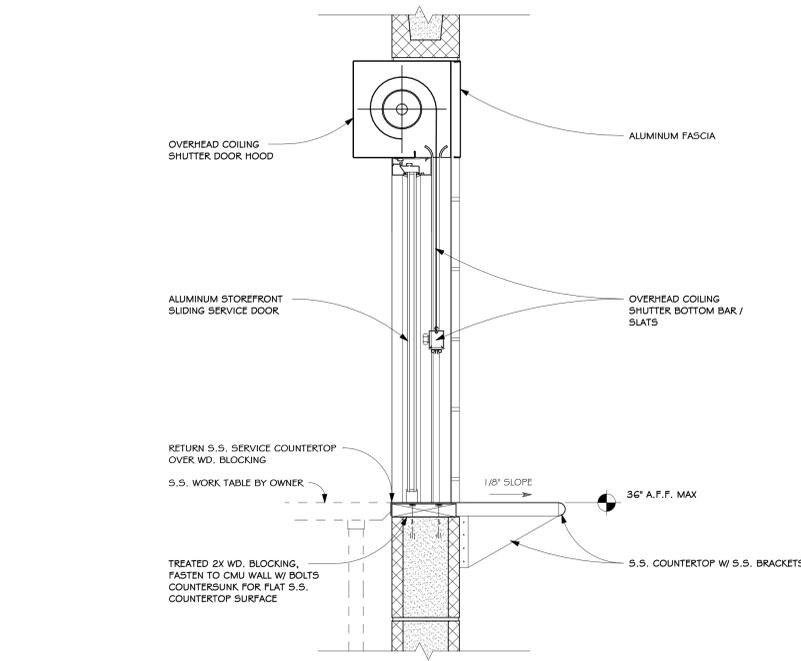


A NEW RACKET CENTER & OBSERVATION DECK FOR
ST JULIEN RECREATIONAL FACILITY
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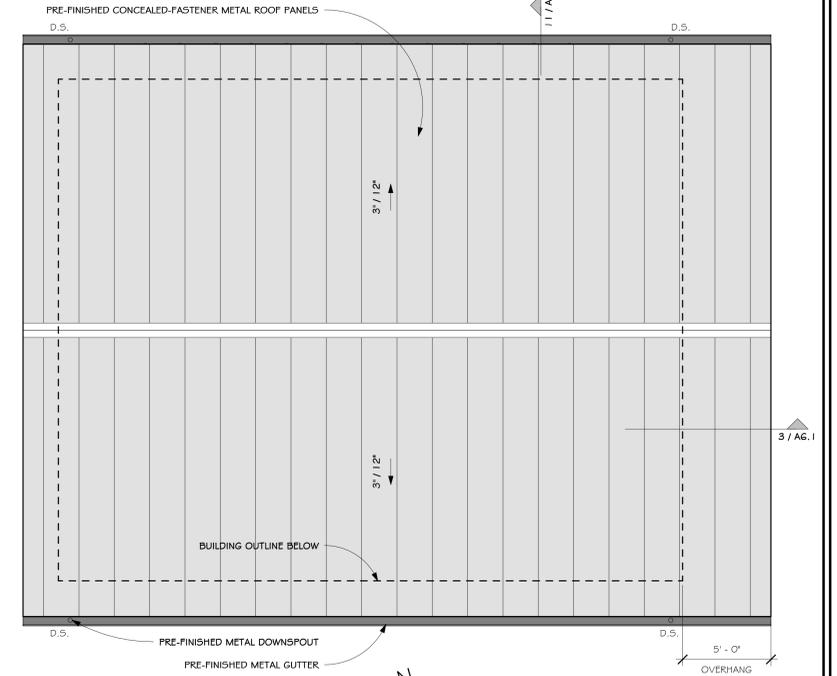


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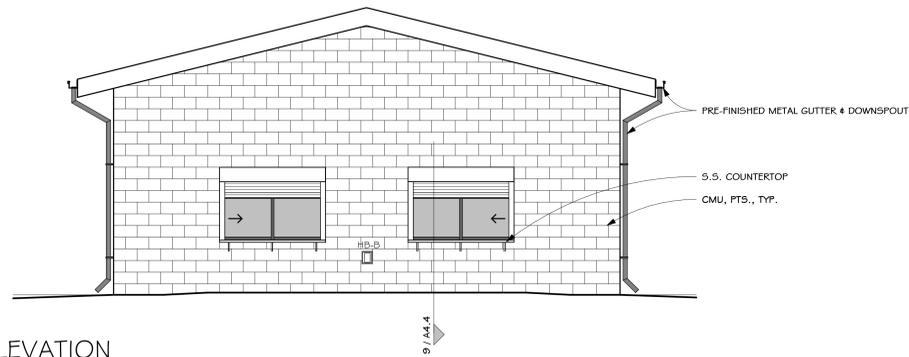
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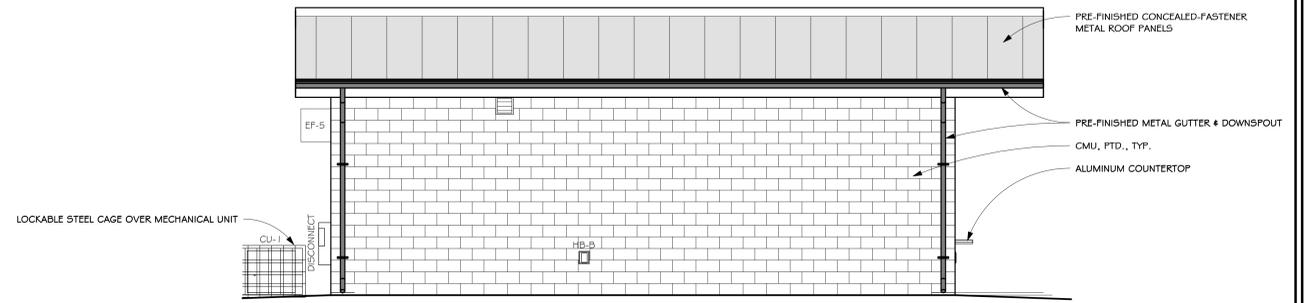
9 CONCESSION WINDOW
1/12" = 1'-0"



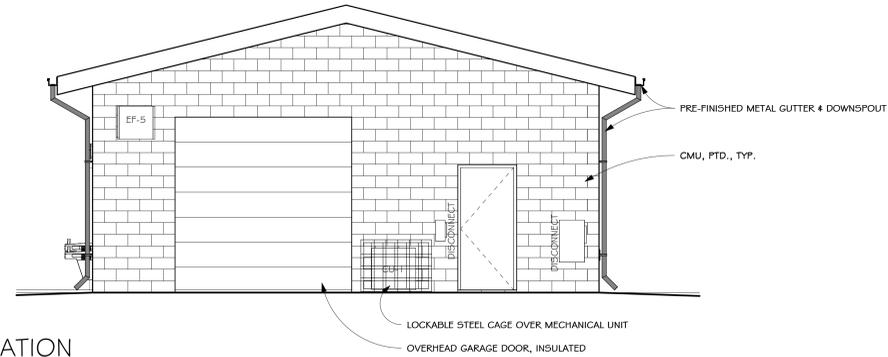
11 CONCESSIONS ROOF PLAN
1/4" = 1'-0"



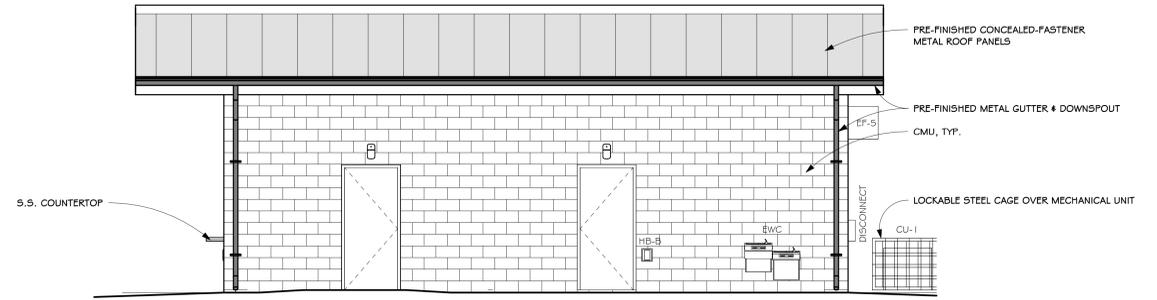
13 CONCESSIONS-FRONT ELEVATION
1/4" = 1'-0"



16 CONCESSIONS-LEFT ELEVATION
1/4" = 1'-0"



19 CONCESSIONS-REAR ELEVATION
1/4" = 1'-0"



22 CONCESSIONS-RIGHT ELEVATION
1/4" = 1'-0"



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IECC 2021 REQUIREMENTS

ROOF ASSEMBLY: R-VALUE METHOD

METAL BUILDING CANOPY

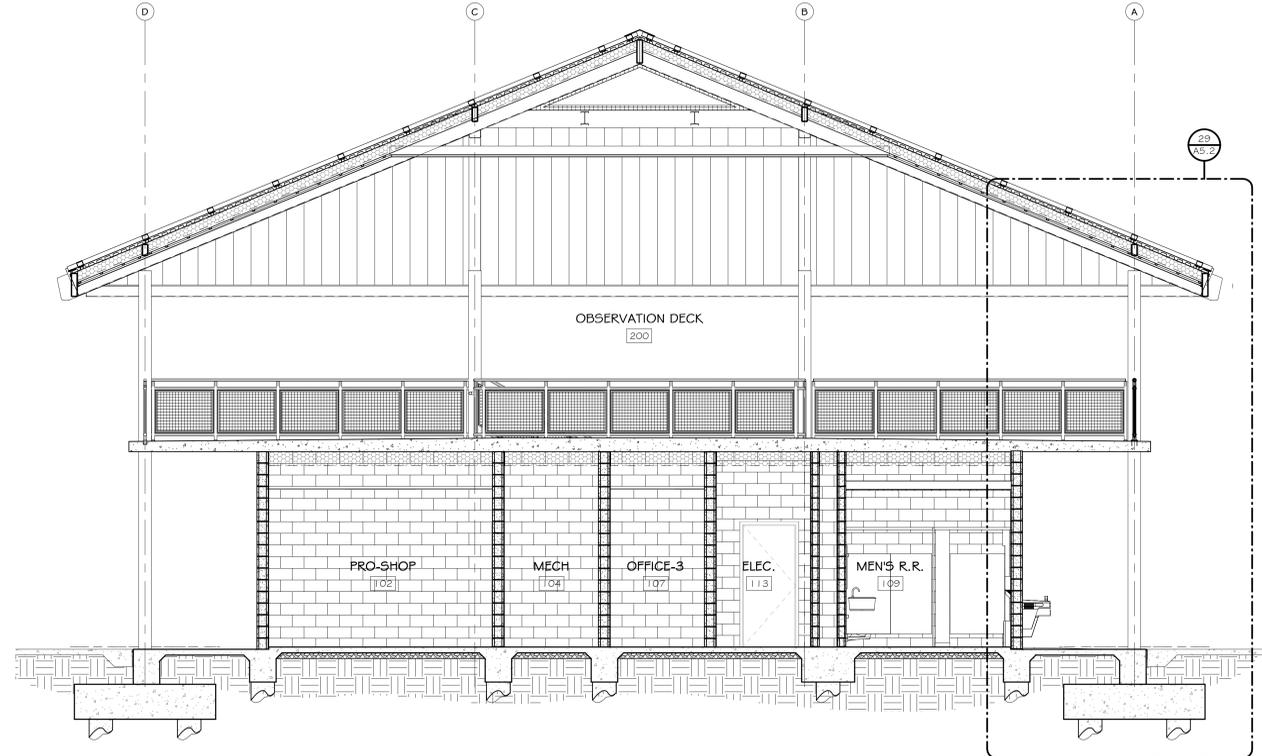
- MIN. R-22 SPRAY FOAM INSULATION W/ INTUMESCENT COATING

CONCRETE DECK

- AVERAGE R-9 LIGHTWEIGHT CONCRETE (7'-1'0")
- MIN. R-22 SPRAY FOAM INSULATION W/ INTUMESCENT COATING AGAINST CONCRETE DECK

WALL ASSEMBLY: R-VALUE METHOD

- CMU BLOCK WALLS GROUTED MAX. 32" O.C. VERTICALLY 4' MAX. 48" O.C. HORIZONTALLY W/ UNGROUTED CORES FULLY INSULATED



15 PRO SHOP BUILDING SECTION
1/4" = 1'-0"

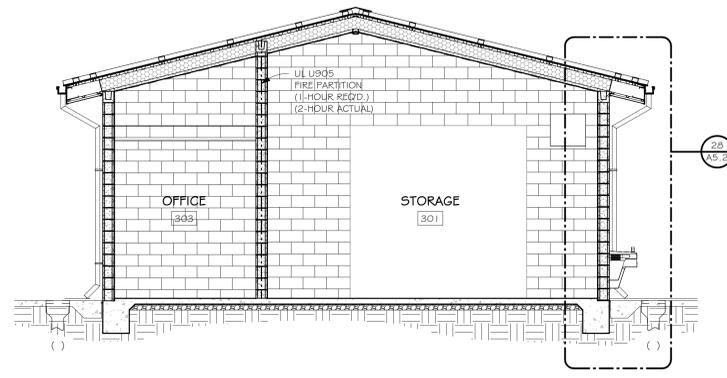
IECC 2021 REQUIREMENTS

ROOF ASSEMBLY: R-VALUE METHOD

- MIN. R-30 SPRAY FOAM INSULATION W/ INTUMESCENT COATING

WALL ASSEMBLY: R-VALUE METHOD

- CMU BLOCK WALLS GROUTED MAX. 32" O.C. VERTICALLY 4' MAX. 48" O.C. HORIZONTALLY W/ UNGROUTED CORES FULLY INSULATED



16 CONCESSIONS BUILDING SECTION
1/4" = 1'-0"



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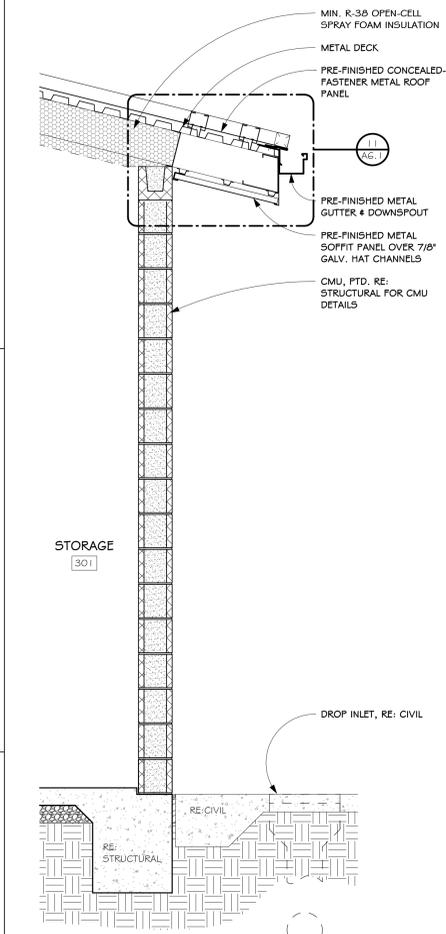


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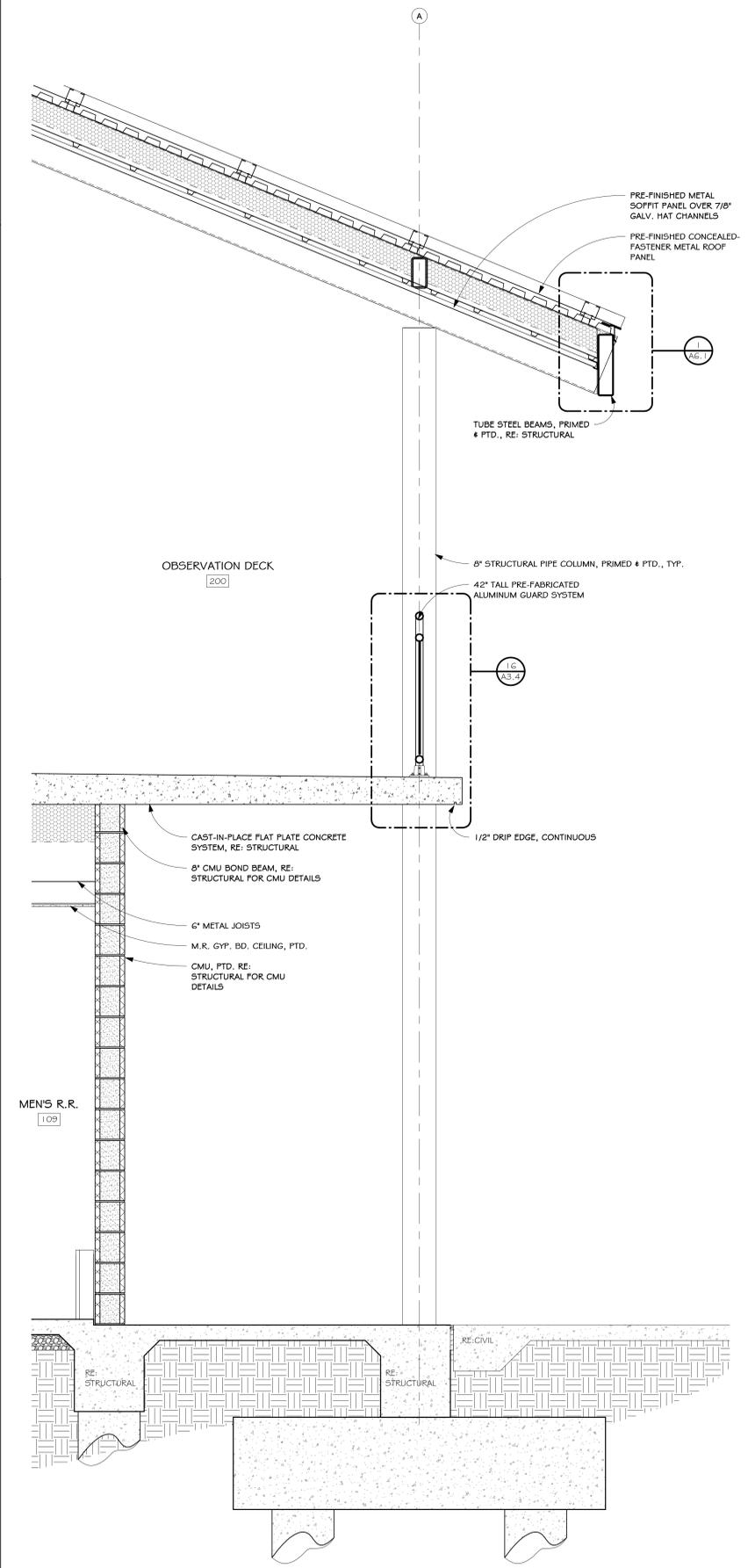
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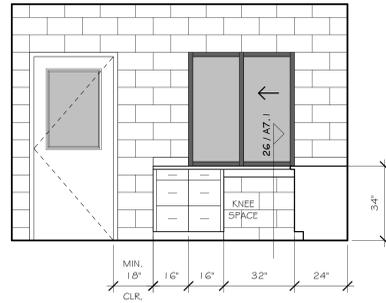


28 WALL SECTION-STORAGE
 3/4" = 1'-0"

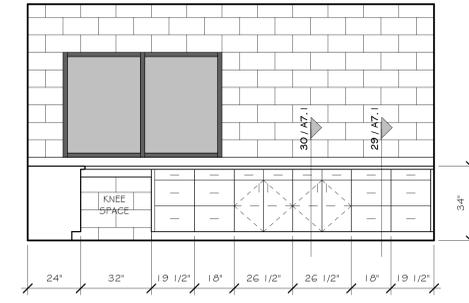


29 WALL SECTION-PRO SHOP
 3/4" = 1'-0"

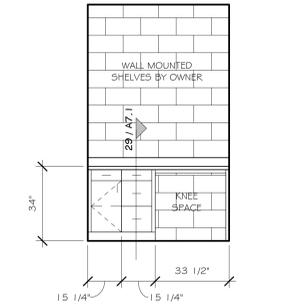
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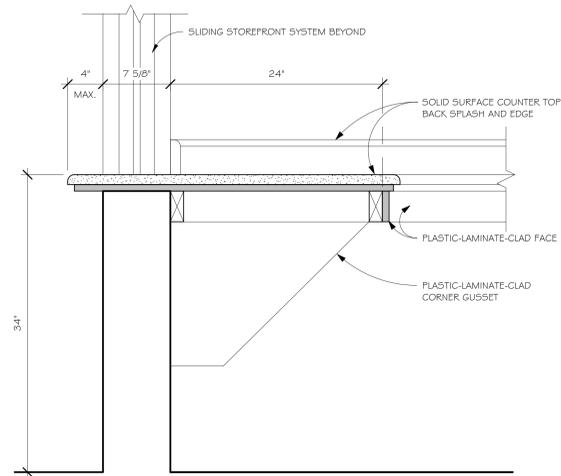
3 PRO-SHOP A
3/8" = 1'-0"



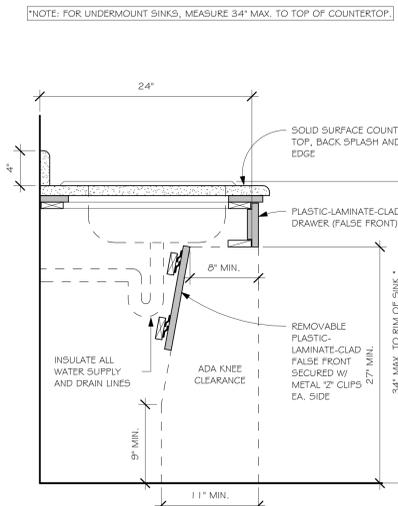
5 PRO-SHOP B
3/8" = 1'-0"



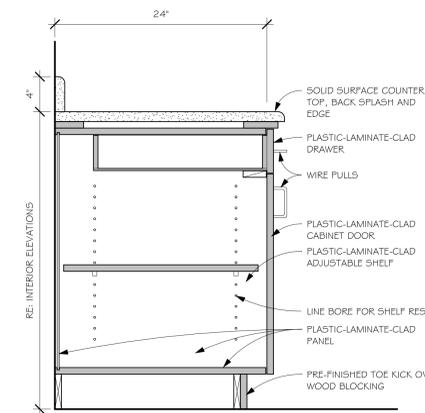
12 CONCESSION OFFICE
3/8" = 1'-0"



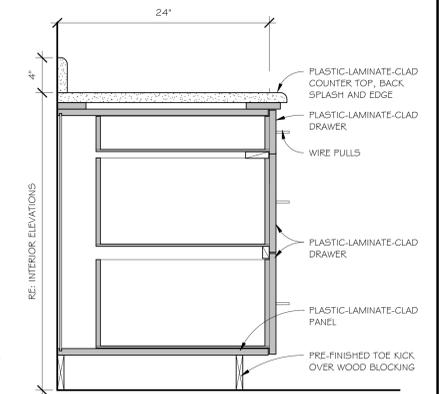
26 COUNTERTOP @ PASSTHROUGH
1 1/2" = 1'-0"



28 BASE CABINET (SINK)
1 1/2" = 1'-0"

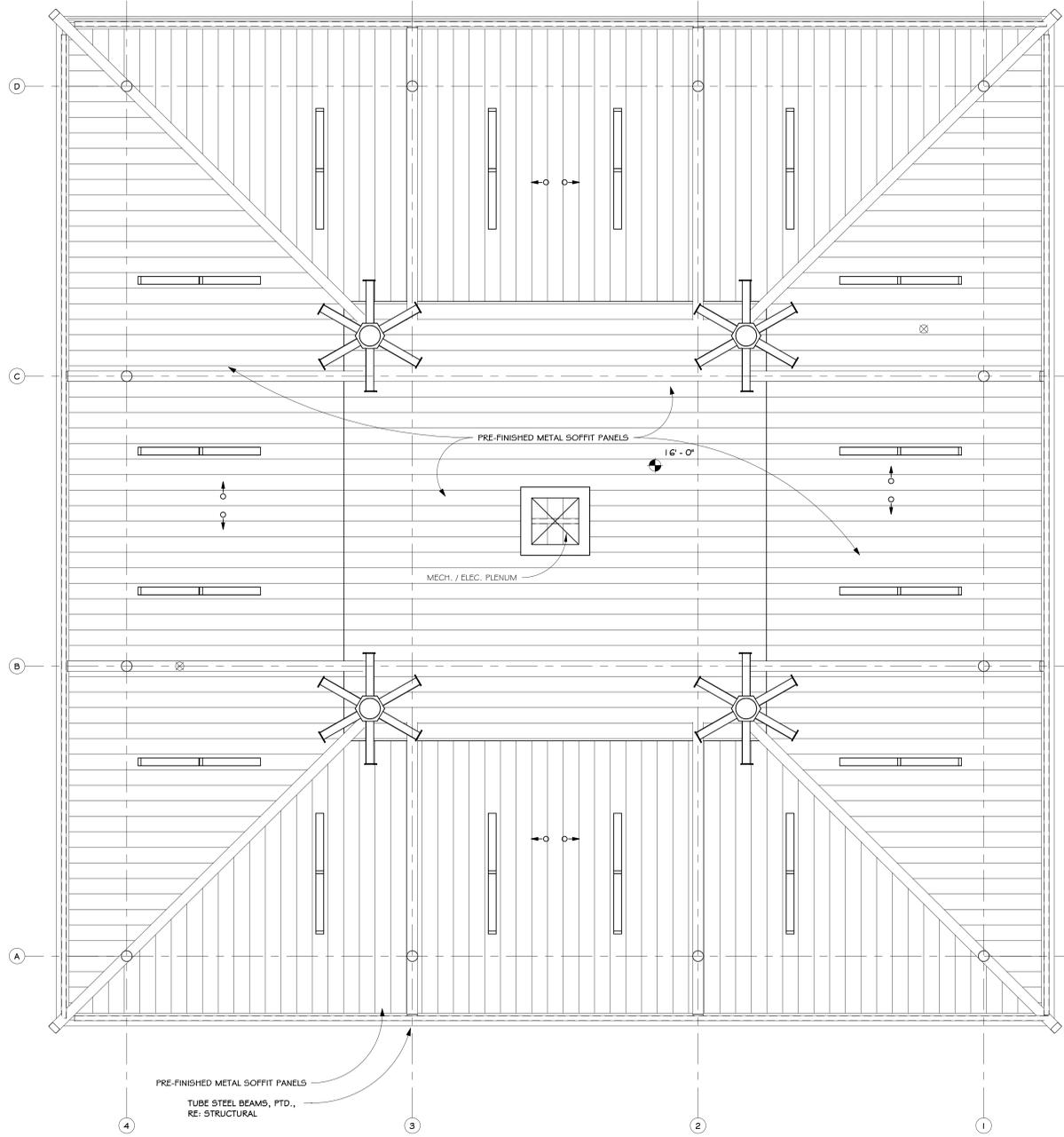


29 BASE CABINET
1 1/2" = 1'-0"

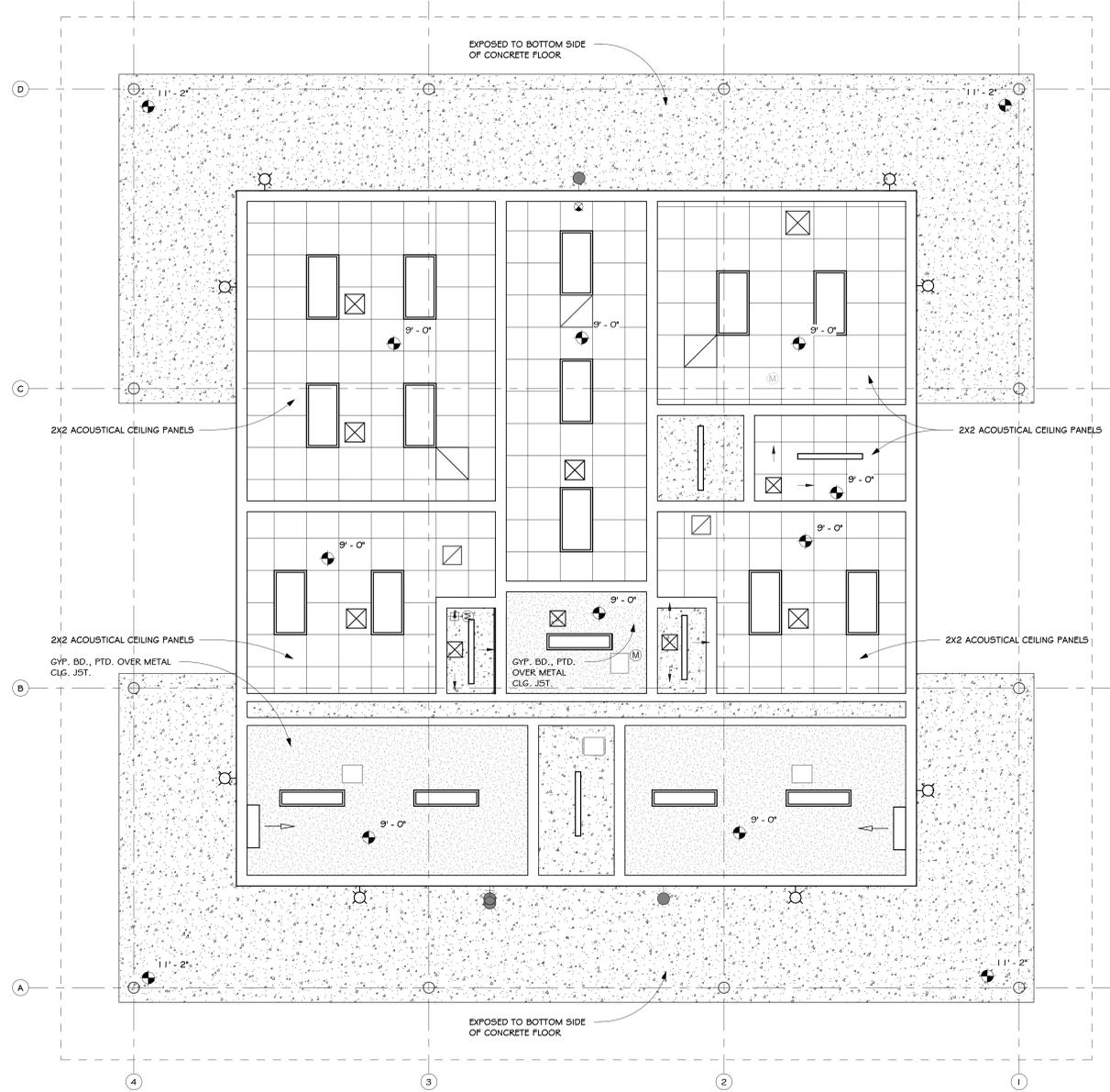


30 BASE CABINET (DRAWERS)
1 1/2" = 1'-0"





19 PRO SHOP SECOND FLOOR RCP
1/4" = 1'-0"



22 PRO SHOP FIRST FLOOR RCP
1/4" = 1'-0"



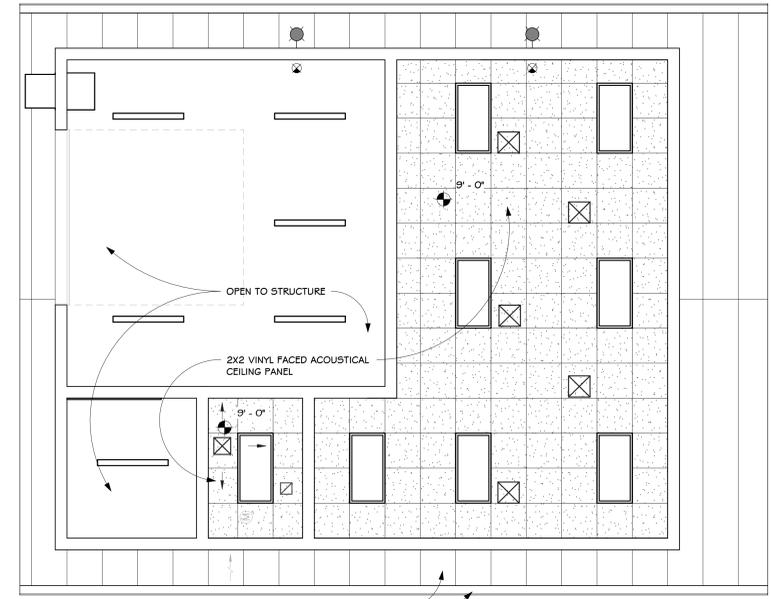
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01-05-26
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SHEET

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CONCESSIONS RCP
1/4" = 1'-0"

A NEW RACHET CENTER & OBSERVATION DECK FOR
ST JULIEN RECREATIONAL FACILITY
701 ST. MAZARIE ROAD, BROUSSARD, LA 70518



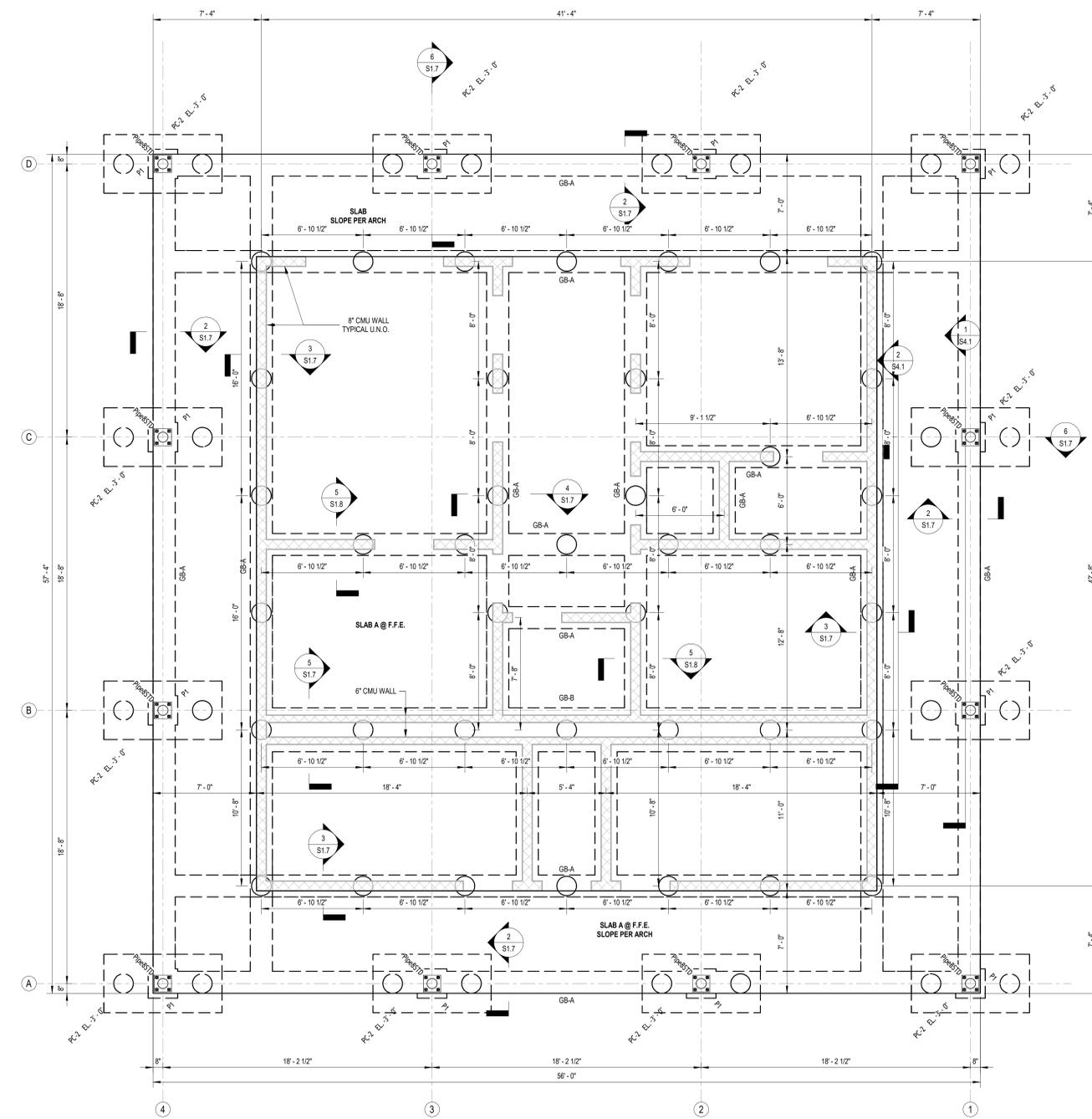
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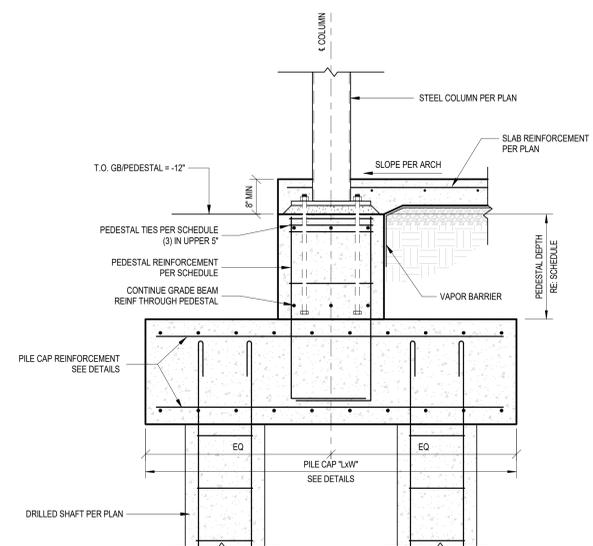
1 PRO-SHOP FOUNDATION PLAN
1/4" = 1'-0"

FOUNDATION NOTES:
REFER TO ARCHITECTURAL PLANS FOR ALL FORM SETTING DIMENSIONS.
VERIFY ALL DROPS, OFFSETS, AND LEDGES WITH THE ARCHITECTURAL PLANS
ALL STRUCTURAL FILL SHALL BE IN ACCORDANCE WITH THE GEOTECHNICAL INVESTIGATION COMPACTED TO 95% STANDARD PROCTOR DENSITY IN A MAXIMUM OF 8" LIFTS.
DIMENSIONS ARE TAKEN FROM OUTSIDE FACE OF SLAB AND CENTERLINE OF GRADE BEAMS.
PILE CAPS ARE CENTERED ON COLUMNS U.N.O.
TOP OF GRADE BEAMS SHALL BE 8" BELOW TOP OF SLAB ELEVATION AT BUILDING INTERIOR. TOP OF GRADE BEAMS SHALL BE 12" BELOW TOP OF SLAB ELEVATION AT PORCH.
STEEL PIPE COLUMN B.O.B.P. ELEVATION AT PORCH = -1'-0" UNO
COORDINATE ALL NEW AND EXISTING UNDERGROUND UTILITIES WITH FOUNDATIONS AND SUBMIT ALL PROPOSED SLEEVE LOCATIONS TO THE ARCHITECT FOR REVIEW.
REFER TO STRUCTURAL SPECIFICATIONS, NOTES, DETAILS, AND SCHEDULES FOR ALL OTHER INFORMATION NOT SHOWN.
CUT ALL INTERIOR CMU BASE COURSES TO 6" - VERIFY W/ ARCH.

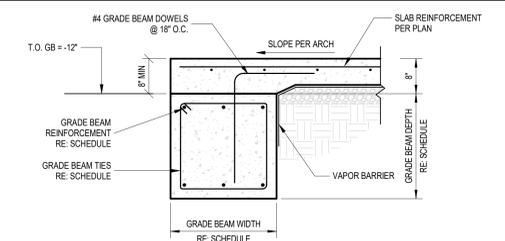
PRO SHOP DRILLED SHAFT NOTES:
○ INDICATES CONCRETE DRILLED SHAFT PER SCHEDULE S3.1
ALL CONCRETE DRILLED SHAFTS AT PRO SHOP TO BE TYPE DS-C (S3 SHAFTS REQ'D)

CONTROL JOINT NOTE:
CONTROL JOINTS SHALL BE PLACED IN GREEN CONCRETE AS SOON AS SUFFICIENT CURING HAS OCCURRED TO SUPPORT THE WEIGHT OF THE OPERATOR AND SAW EQUIPMENT.
SAW-CUT CONTROL JOINTS SHALL BE MADE TO A MINIMUM DEPTH OF 25% OF THE SLAB THICKNESS. SAW-CUTS SHALL BE SPACED AT 10'-0" O.C. MAXIMUM SPACING EACH WAY WITH A MAXIMUM LW PANEL RATIO OF 1.5:1.
CONTRACTOR TO SUBMIT PROPOSED CONTROL JOINT LOCATIONS TO THE ARCHITECT PRIOR TO CONSTRUCTION.

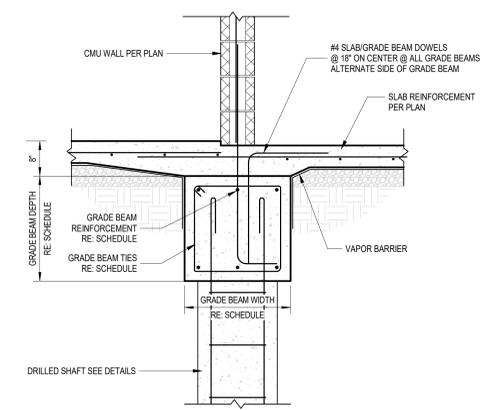
SLAB A:
5" THICK CONCRETE SLAB OVER 15 MIL VAPOR BARRIER ON A 4" COMPACTED WASHED #57 GRAVEL BASE. ALL VAPOR BARRIER JOINTS SHALL BE TAPED AND SEALED AT JOINTS AND ALL PENETRATIONS. REINFORCE SLAB WITH #4x4x4 DW14.0 SHEET PILING SUPPORTED BY #4 BARS @ 48" O.C. E.W. CENTERED IN SLAB.



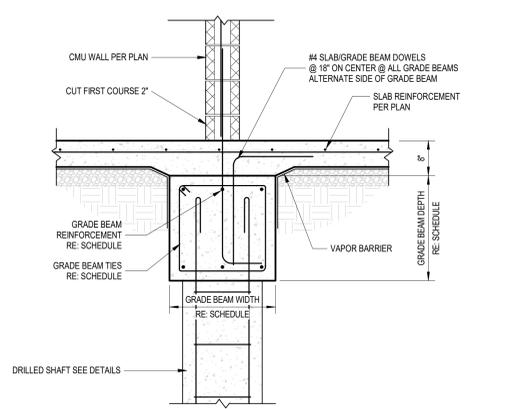
6 STEEL COLUMN @ PRO-SHOP PORCH GRADE BEAM
3/4" = 1'-0"



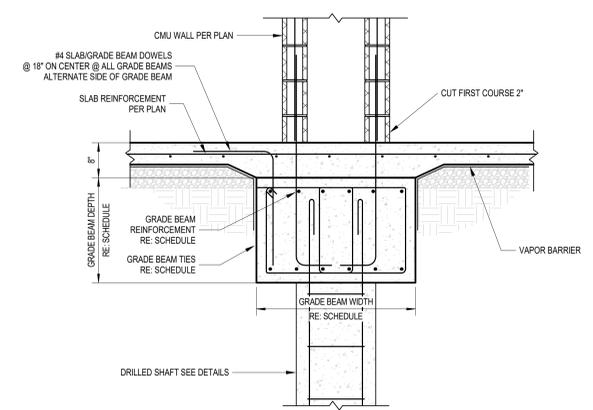
2 PRO SHOP PORCH GRADE BEAM
3/4" = 1'-0"



3 PRO SHOP GRADE BEAM DETAIL AT EXTERIOR WALL
3/4" = 1'-0"

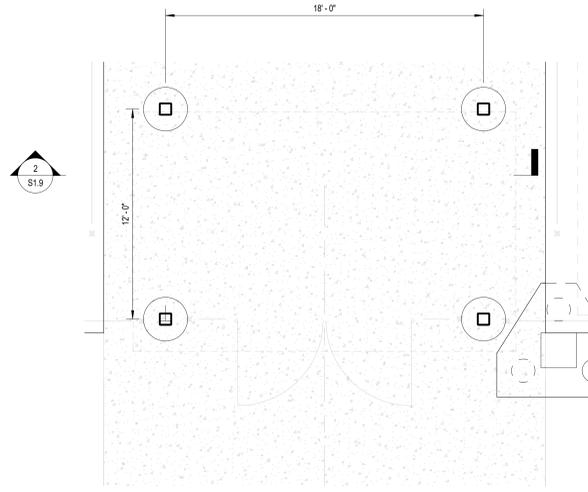


4 PRO SHOP INTERIOR GRADE BEAM AT CMU
3/4" = 1'-0"

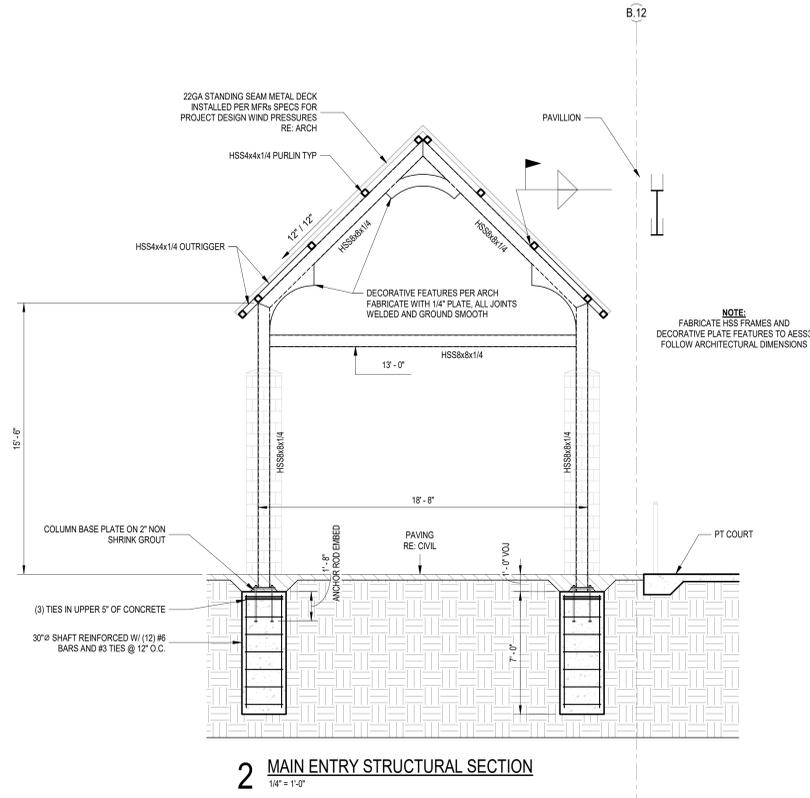


5 PRO SHOP GRADE BEAM DETAIL AT DOUBLE WALL
3/4" = 1'-0"

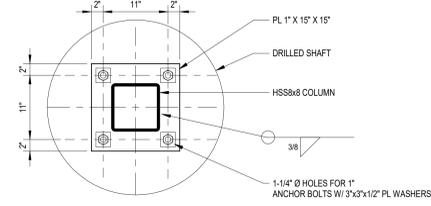




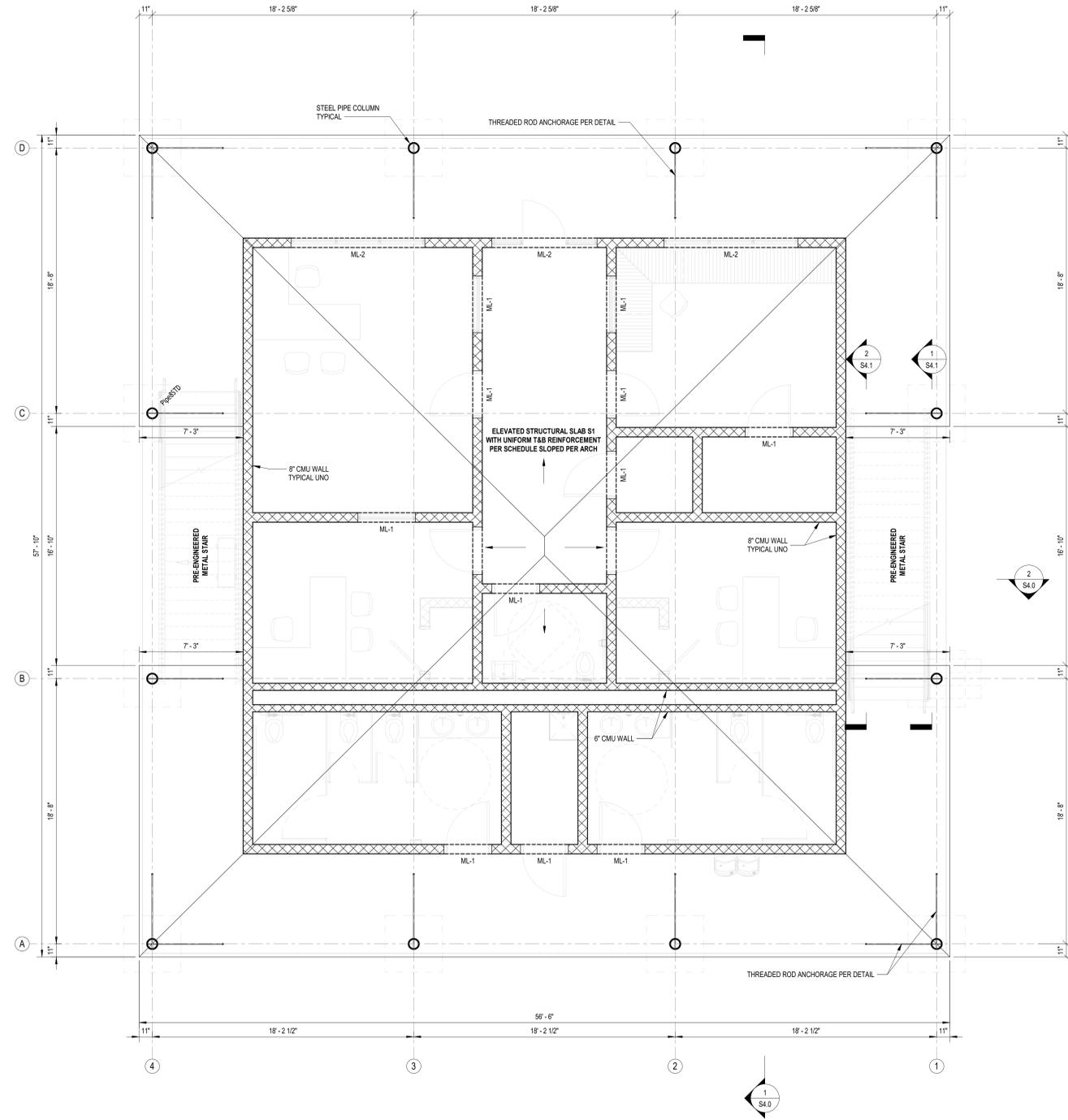
1 MAIN ENTRY FOUNDATION PLAN
1/4" = 1'-0"



2 MAIN ENTRY STRUCTURAL SECTION
1/4" = 1'-0"



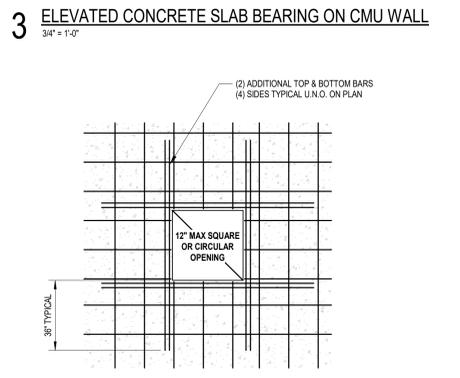
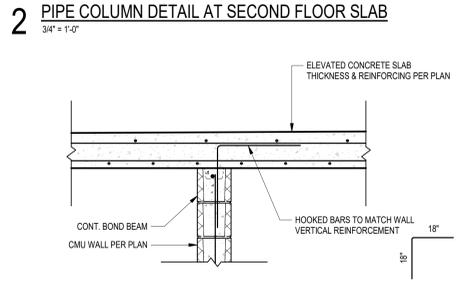
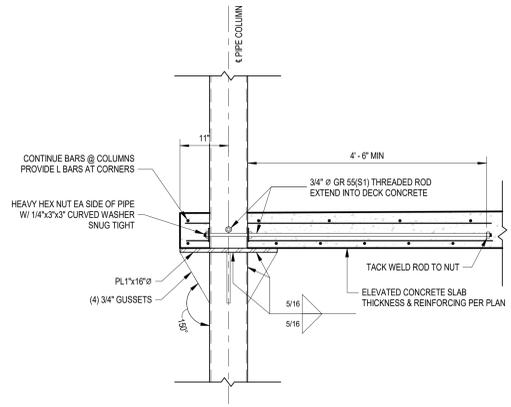
3 ENTRY CANOPY BASE DETAIL
1" = 1'-0"



GENERAL FRAMING NOTES:
 GENERAL CONTRACTOR SHALL COORDINATE THE STRUCTURAL FRAMING SYSTEM WITH ARCHITECTURAL AND MEP DRAWINGS.
 REFER TO STRUCTURAL SPECIFICATIONS, NOTES, DETAILS, AND SCHEDULES FOR ALL INFORMATION NOT SHOWN.
 INSTALL ELASTOMERIC WATERPROOFING COATING, SLIP RESISTANT AND RATED FOR PEDESTRIAN TRAFFIC IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS AND INSTALLATION INSTRUCTIONS (EUCILD TAMMSDECK SYSTEM OR APPROVED EQUIVALENT). GC TO COORDINATE PROPOSED CONCRETE MIX DESIGN WITH SUPPLIER TO VERIFY SUITABILITY FOR APPLICATION PRIOR TO CONCRETE MIX SUBMITTAL.

ELEVATED STRUCTURAL SLAB SCHEDULE				
MARK	MINIMUM SLAB THICKNESS "T MIN"	MAXIMUM SLAB THICKNESS "T MAX"	SLAB TOP REBAR	SLAB BOTTOM REBAR
S1	7"	9.5"	#5s @ 10" O.C. E.W.	#5s @ 10" O.C. E.W.

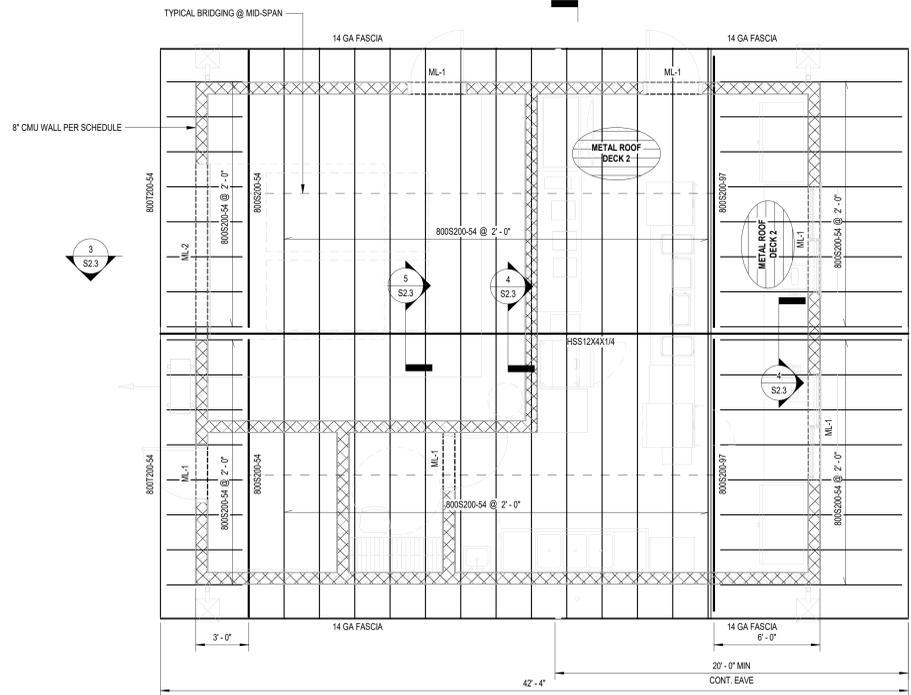
TYPICAL DRIP EDGE



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 SE-24-1258
 SHEET
S2.1
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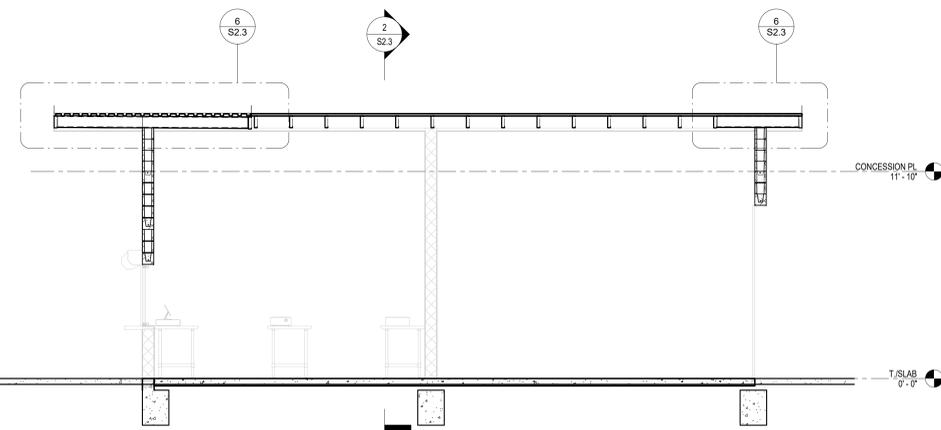


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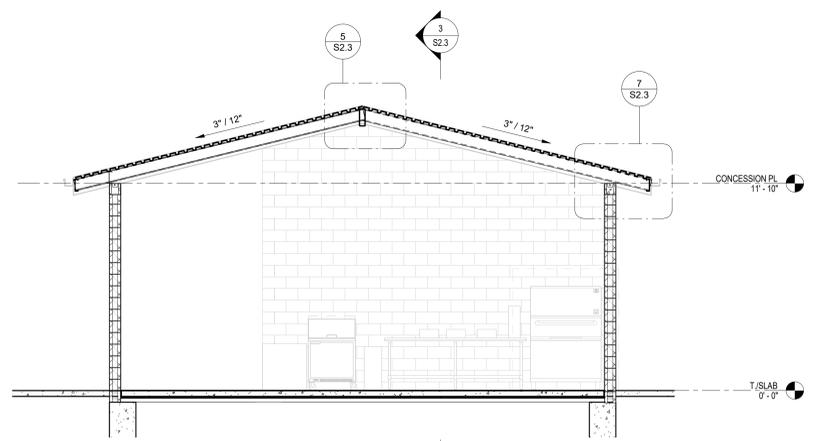


1 CONCESSION FRAMING PLAN
1/4" = 1'-0"

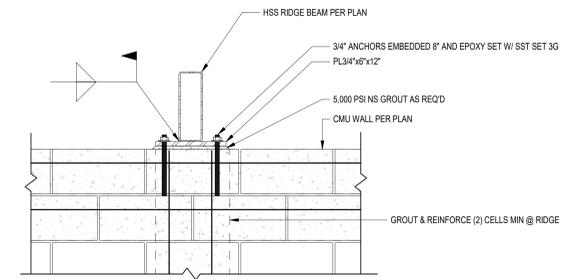
GENERAL FRAMING NOTES:
 ALL JOISTS SHALL BE EQUALLY SPACED BETWEEN SUPPORTS AT 2'-0" O.C. MAXIMUM.
 SUPPLY SUPPLEMENTAL FRAMING AS REQUIRED FOR ROOF PENETRATIONS.
 GENERAL CONTRACTOR SHALL COORDINATE THE STRUCTURAL FRAMING SYSTEM WITH ARCHITECTURAL AND MEP DRAWINGS.
 REFER TO STRUCTURAL SPECIFICATIONS, NOTES, DETAILS, AND SCHEDULES FOR ALL INFORMATION NOT SHOWN.



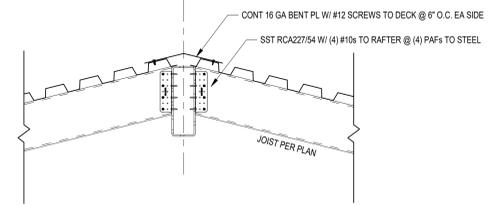
3 CONCESSION BUILDING SECTION
1/4" = 1'-0"



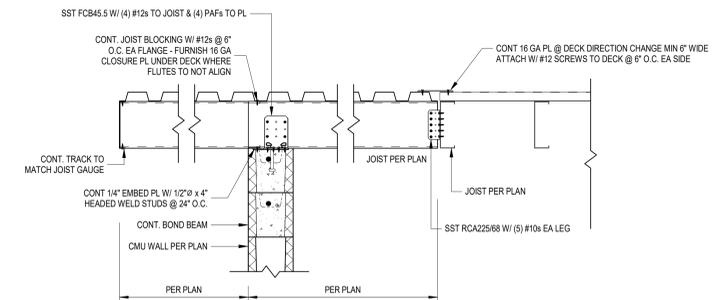
2 CONCESSION BUILDING SECTION
1/4" = 1'-0"



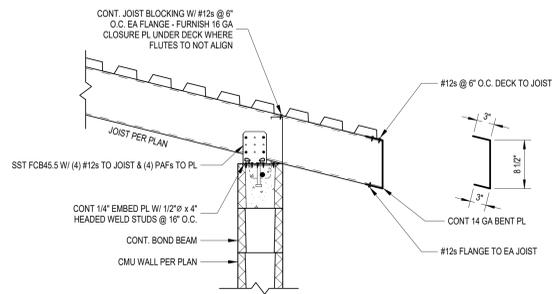
4 CFMF RIDGE TO CMU CONNECTION DETAIL
1" = 1'-0"



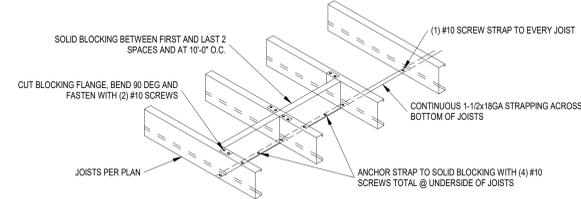
5 CFMF RAFTER TO RIDGE CONNECTION DETAIL
1" = 1'-0"



6 CFMF OUTRIGGER CONNECTION DETAIL
1" = 1'-0"



7 CFMF RAFTER BEARING CONNECTION DETAIL
1" = 1'-0"



8 JOIST BRIDGING DETAIL
3/4" = 1'-0"

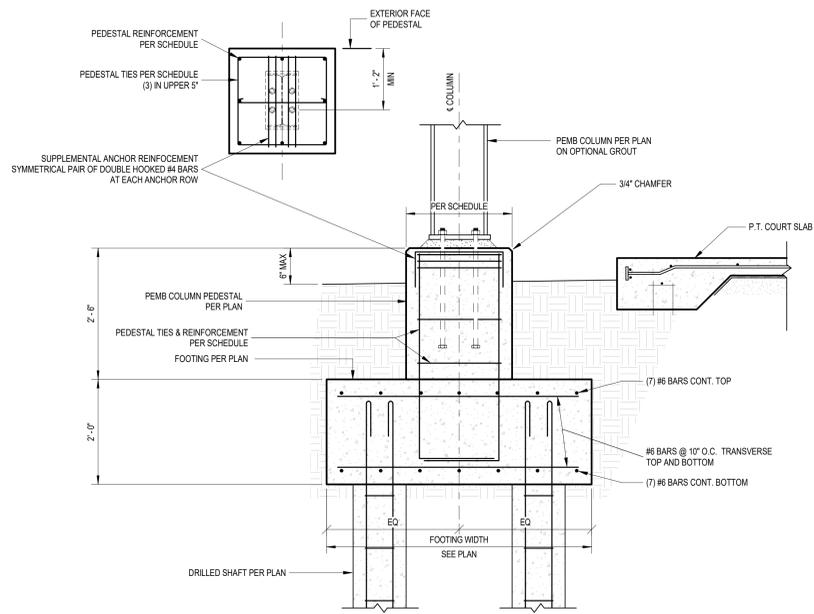


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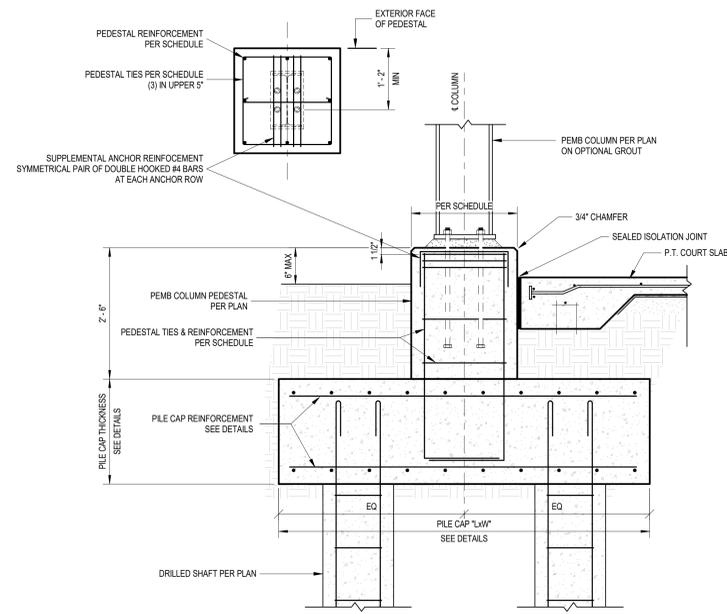
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 SHEET
S2.3

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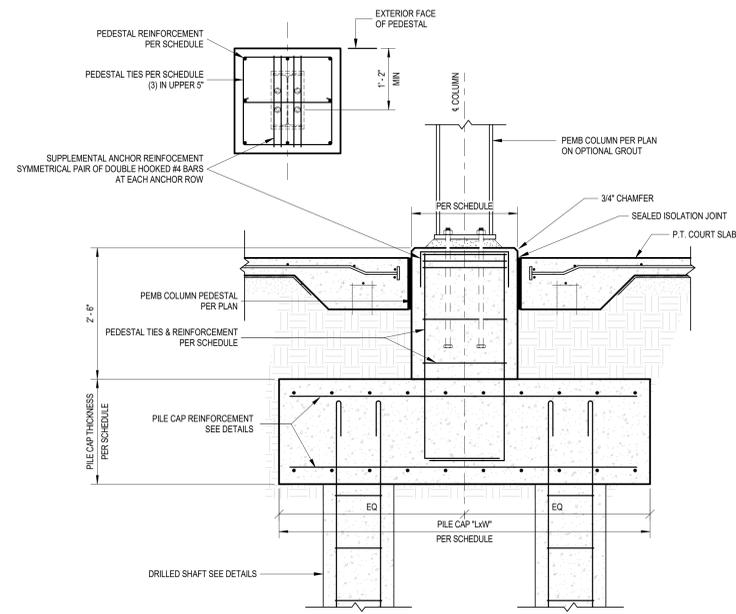
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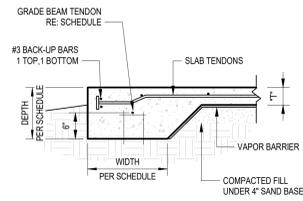
1 PAVILLION A STRIP FOUNDATION DETAIL
3/4" = 1'-0"



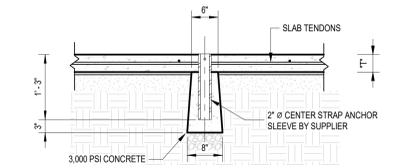
2 PAVILLION B EXTERIOR COLUMN FOOTING
3/4" = 1'-0"



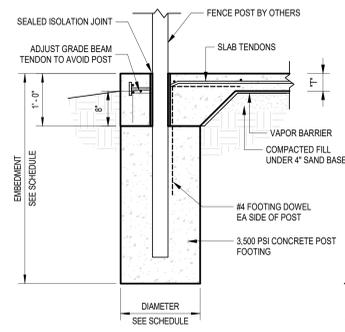
3 PAVILLION B INTERIOR COLUMN FOOTING
3/4" = 1'-0"



1 TYPICAL EXTERIOR GRADE BEAM
3/4" = 1'-0"

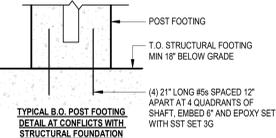


2 TYPICAL FOOTING AT CENTER TIE DOWN ANCHOR
3/4" = 1'-0"

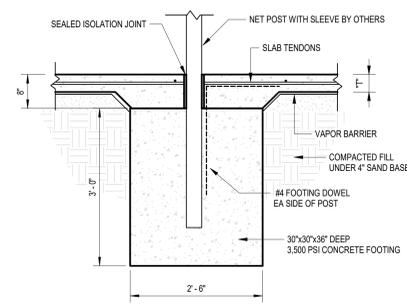


3 TYPICAL FOOTING AT FENCE POST
3/4" = 1'-0"

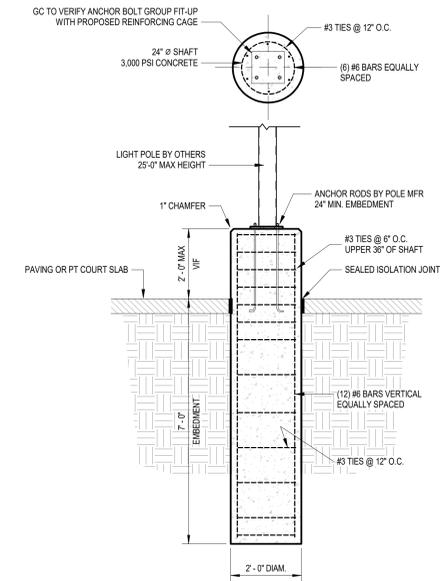
FENCE POST FOOTING SCHEDULE		
POST HEIGHT ABOVE GRADE	POST DIAMETER	POST EMBEDMENT
8'-0"	18"	4'-0"
3'-6"	12"	2'-0"



TYPICAL B.O. POST FOOTING DETAIL AT CONFLICT WITH STRUCTURAL FOUNDATION
(4) 2" LONG #5s SPACED 12" APART AT 4 QUADRANTS OF SHAFT, EMBED 6" AND EPOXY SET WITH SST SET 3G

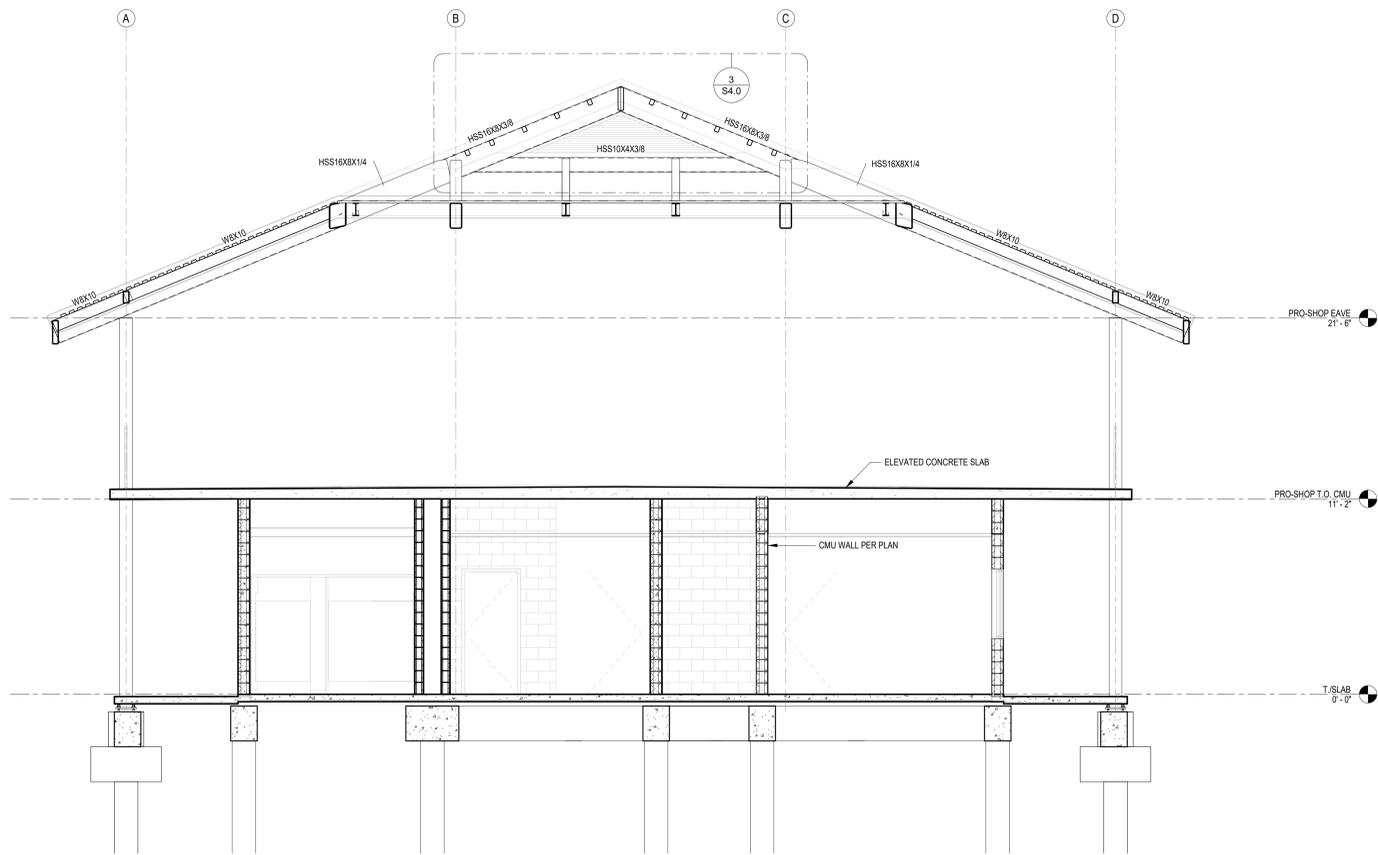


4 TYPICAL FOOTING AT NET POST
3/4" = 1'-0"

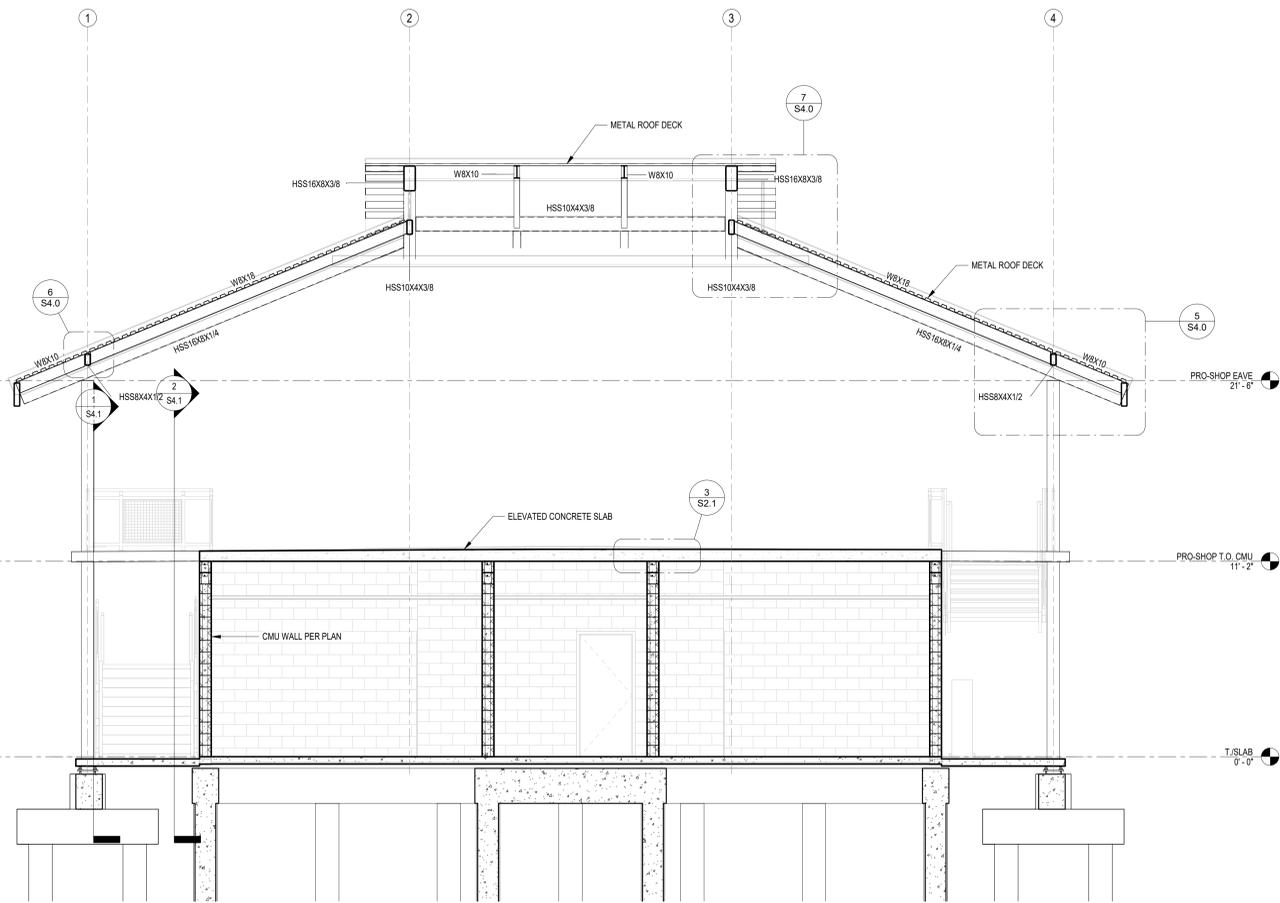


7 LIGHT POLE FOUNDATION
1/2" = 1'-0"

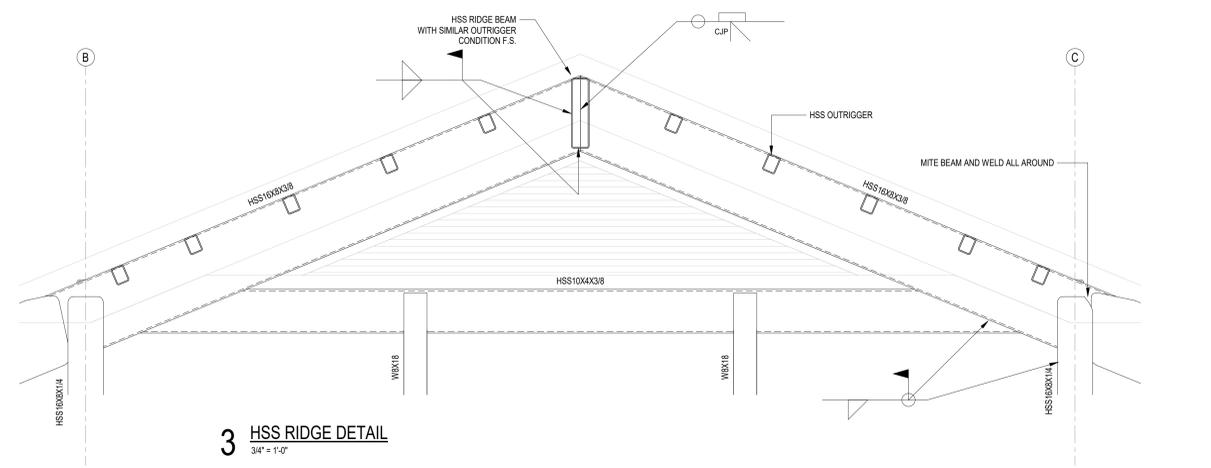
POST-TENSION FOUNDATION GRADE BEAM SCHEDULE				
MARK	GRADE BEAM WIDTH	GRADE BEAM DEPTH	NUMBER OF GRADE BEAM TENDONS	NOTES
PT-1	18"	12"	1	
PLAN LEGEND				
CONVENTIONALLY REINFORCED BEAM WITH (2) #4'S BOTTOM			CRB	
POST-TENSIONING TENDON			SLAB CABLE	GRADE BEAM CABLE
#4 SLAB REINFORCEMENT @ 18" O.C. ONE-WAY AS SHOWN				
#4 BARS 4', 6', 10' @ 6" O.C. TYPICAL RE-ENTRANT CORNER REINFORCEMENT				
NOTE: ALL EXTERIOR GRADE BEAMS TO BE PT-1.				



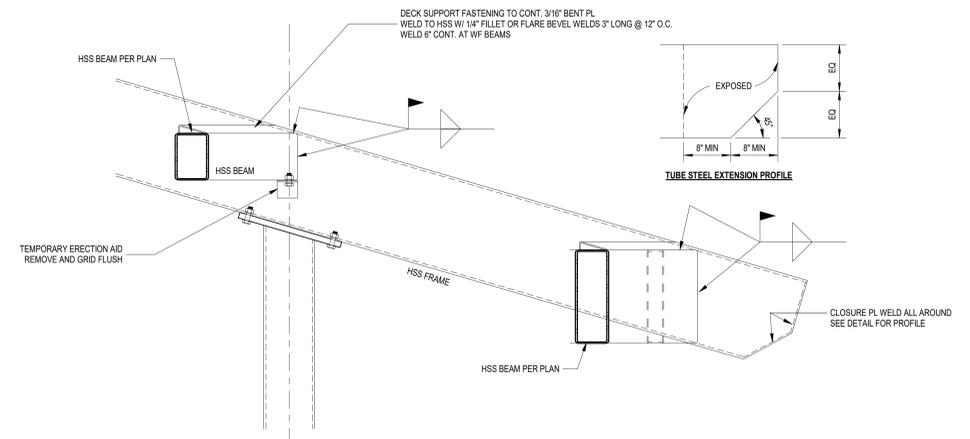
1 PRO SHOP BUILDING SECTION
1/4" = 1'-0"



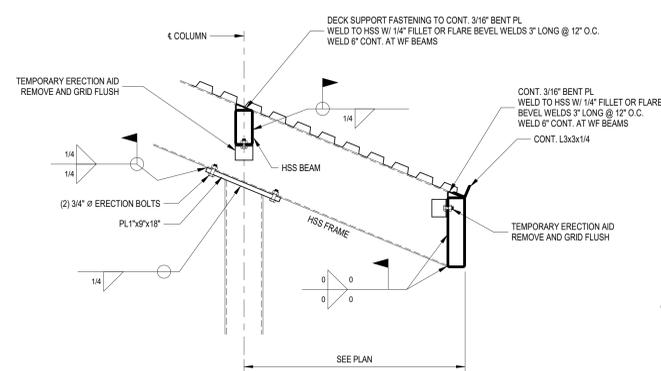
2 PRO SHOP BUILDING SECTION
1/4" = 1'-0"



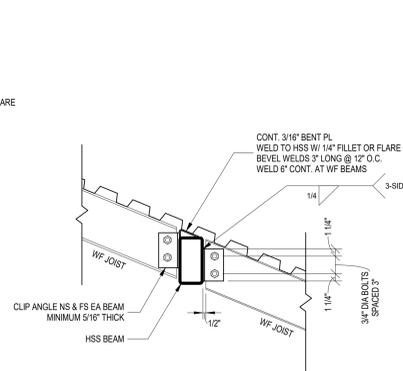
3 HSS RIDGE DETAIL
3/4" = 1'-0"



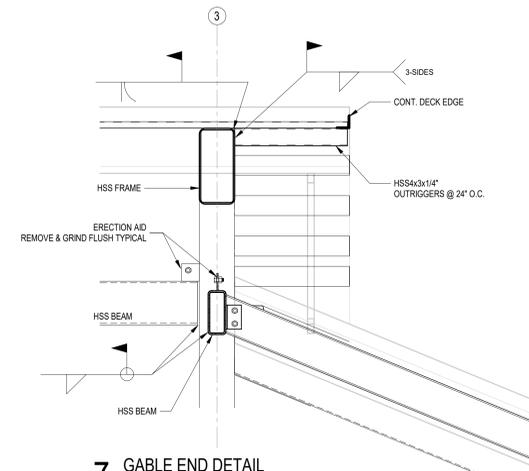
4 HSS ROOF BEAM OVER CORNER COLUMN DETAIL
1" = 1'-0"



5 HSS ROOF BEAM OVER COLUMN DETAIL
3/4" = 1'-0"



6 SLOPED WF JOIST TO HSS BEAM DETAIL
1" = 1'-0"



7 GABLE END DETAIL
3/4" = 1'-0"



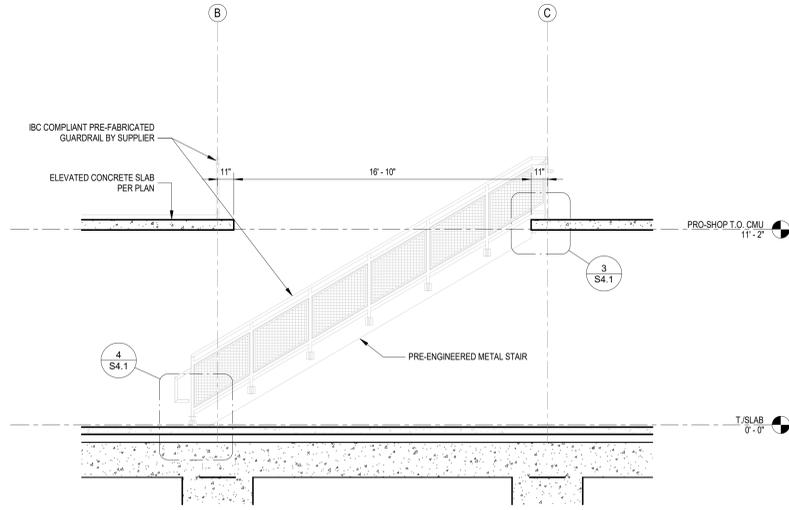
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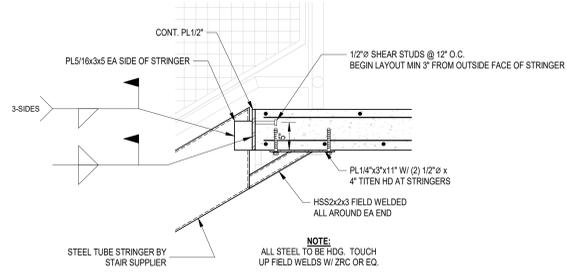
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63 OF 97 SHEETS

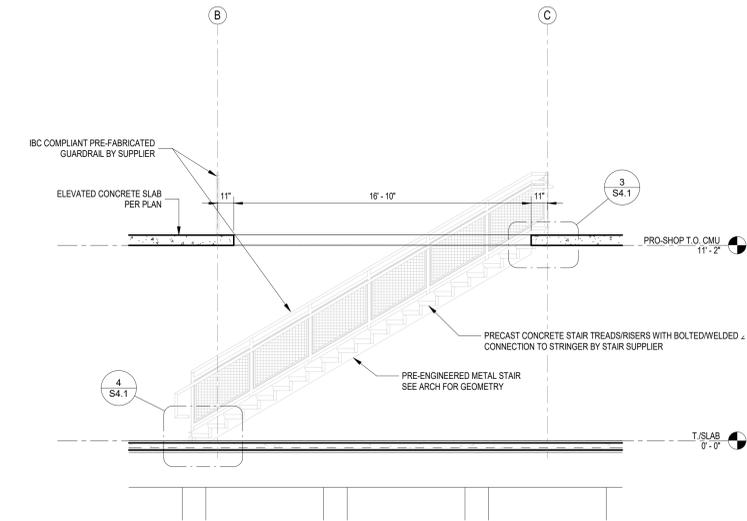
THE DRAWINGS PREPARED BY THE ARCHITECT ARE TO BE USED ONLY IN CONNECTION WITH THE PROJECT AND IN ACCORDANCE WITH THE ARCHITECT'S STANDARD CONDITIONS OF CONTRACT. THE ARCHITECT SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE PROJECT. THE ARCHITECT'S DRAWINGS SHALL BE USED FOR THE PROJECT ONLY AND NOT FOR ANY OTHER PROJECTS. THE ARCHITECT'S LIABILITY IS LIMITED TO THE DESIGN AND CONSTRUCTION OF THE PROJECT. THE ARCHITECT'S LIABILITY IS LIMITED TO THE DESIGN AND CONSTRUCTION OF THE PROJECT. THE ARCHITECT'S LIABILITY IS LIMITED TO THE DESIGN AND CONSTRUCTION OF THE PROJECT.



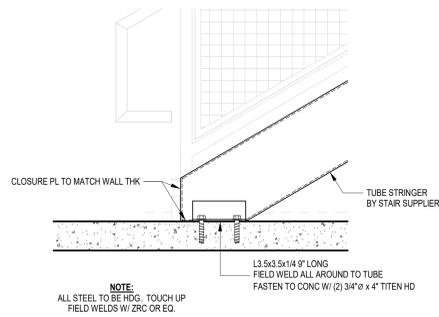
1 STAIR SECTION
1/4" = 1'-0"



3 TYPICAL STRINGER TOP ATTACHMENT TO ELEVATED SLAB
1" = 1'-0"



2 STAIR SECTION
1/4" = 1'-0"



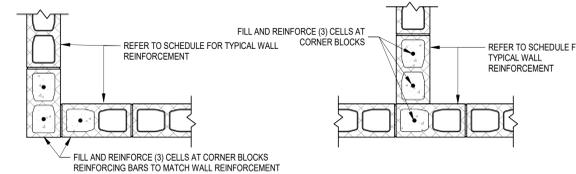
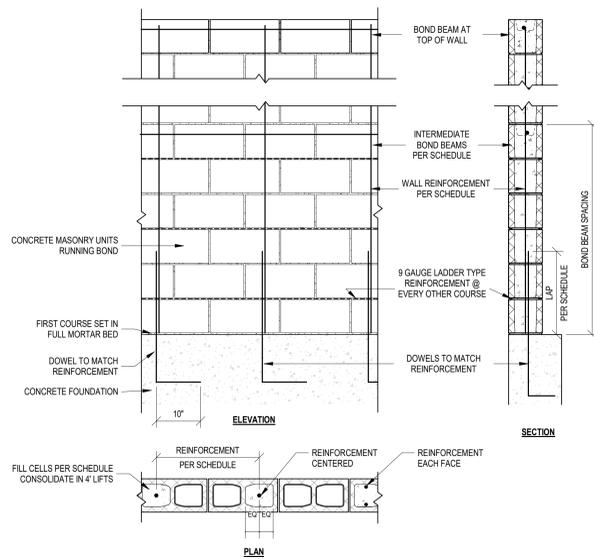
4 TYPICAL STRINGER BASE ATTACHMENT TO CONCRETE SLAB
1" = 1'-0"

CMU WALL SCHEDULE						
MAX UNSUPPORTED WALL HEIGHT	PARAPET HEIGHT	WALL THICKNESS	VERTICAL REINFORCEMENT	BOND BEAM REINFORCEMENT	BOND BEAM SPACING	REMARKS
11'-2"	0'-0"	8"	#5S @ 32" O.C. CENTER	(2) #5 CONT.	[A]	TYPICAL PRO-SHOP WALLS
11'-2"	0'-0"	6"	#5S @ 32" O.C. CENTER	(2) #5 CONT.	[A]	PRO-SHOP DUAL 6" WALLS
11'-10"	0'-0"	8"	#5S @ 32" O.C. CENTER	(2) #5 CONT.	[A]	TYPICAL CONCESSION WALLS
15'-3"	0'-0"	8"	#5S @ 24" O.C. CENTER	(2) #5 CONT.	[A]	CONCESSION GABLE WALLS

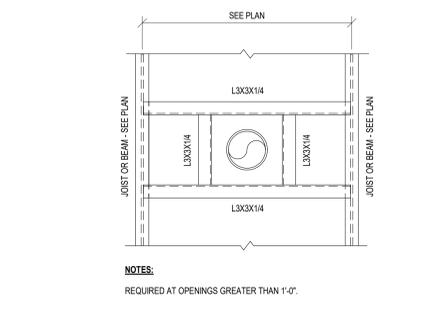
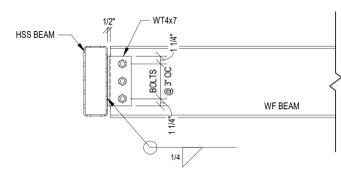
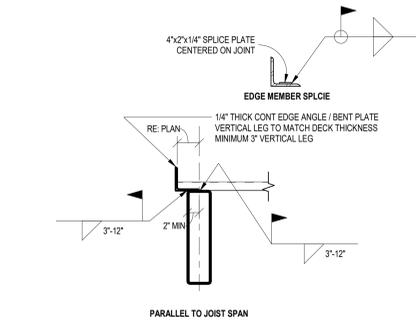
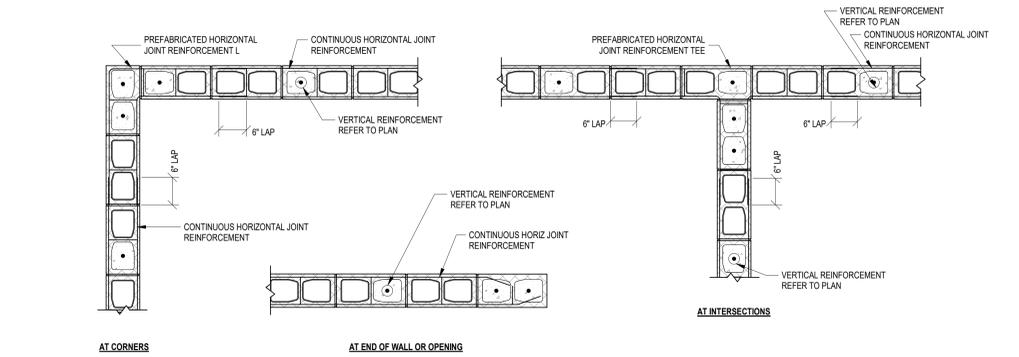
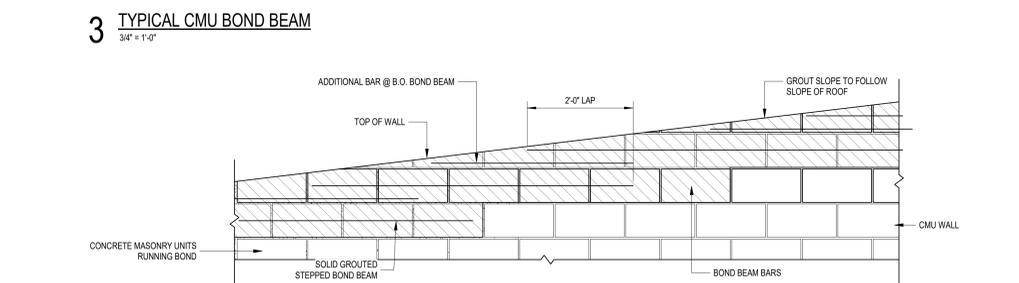
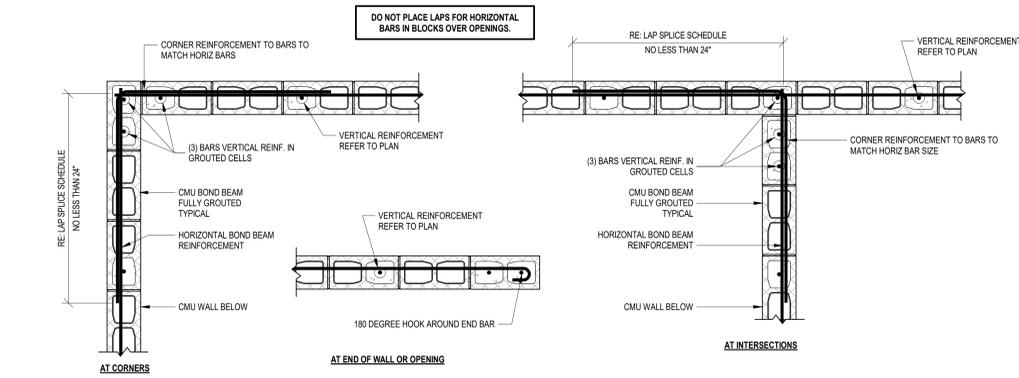
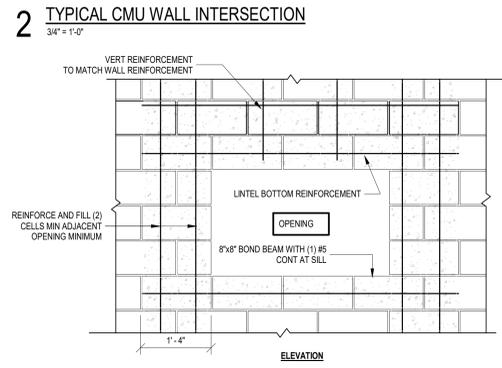
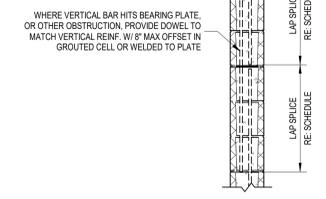
NOTES:
 [A] PROVIDE BOND BEAMS AT THE TOP OF ALL CMU WALLS.
 FULLY GROUT AND REINFORCE ALL CELLS RECEIVING ANCHORS.
 LAP SPICE REQUIREMENTS:
 #6 BARS OR LESS - 44 BAR DIAMETERS
 #7 BAR OR GREATER - 55 BAR DIAMETERS
 CMU BEARING WALLS ARE INDICATED ON THE PLANS AS SUCH
 REFER TO PLANS FOR ADDITIONAL WALL NOTES

CMU LINTEL SCHEDULE				
MARK	MAX SPAN	LINTEL DEPTH	FLEXURAL REINFORCEMENT	SHEAR REINFORCEMENT
ML1	4'-0"	24"	(2) #5 TAB	#3s @ 10" O.C.
ML2	7'-4"	32"	(2) #9s TAB	#3s @ 10" O.C.

TOP FLEXURAL REINFORCEMENT PER SCHEDULE
 SHEAR REINFORCEMENT PER SCHEDULE
 BOTTOM FLEXURAL REINFORCEMENT PER SCHEDULE
 FULLY GROUTED LINTEL DEPTH PER SCHEDULE
 MASONRY LINTEL U-BLOCK

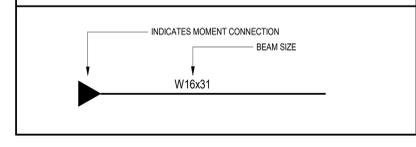


LAP SPICE SCHEDULE	
#6 BAR OR LESS	44 BAR DIAMETERS
#7 BARS OR GREATER	55 BAR DIAMETERS



CONNECTION NOTES		
DETAILS SHOWN ARE TYPICAL. SIMILAR DETAILS APPLY TO SIMILAR CONDITIONS UNLESS OTHERWISE INDICATED.		
PROMPTLY NOTIFY THE ARCHITECT WHENEVER DESIGN OF MEMBERS AND CONNECTIONS FOR ANY PORTION OF THE STRUCTURE ARE NOT CLEARLY INDICATED.		
ALL CONNECTIONS ON DRAWINGS SHALL DEVELOP AT MINIMUM ONE-HALF OF THE TOTAL ALLOWABLE UNIFORM LOAD CAPACITY OF THE BEAM FOR THE GIVEN SPAN IN THE AISC MANUAL OF STEEL CONSTRUCTION BEAM TABLES. GREATER LOADINGS WILL BE INDICATED ON DRAWINGS.		
UNMARKED WELDS SHALL BE NO LESS THAN THE THICKNESS OF THE THINNER PART JOINED, MINIMUM 3/16".		
FURNISH SHEAR BOLTING IN ACCORDANCE WITH THE SCHEDULE (RIGHT). BOLTS SHALL BE ASTM A325 OR ASTM A490 WITH HD WASHERS AND HEAVY HEX NUTS.		

SHEAR CONNECTION BOLTING SCHEDULE		
BEAM DEPTH	MIN. NO. 3/4" Ø BOLTS	
8"-10"	2	
12"-14"	3	
16"	4	
18"	5	
21"	6	
24"	7	



GENERAL

ALL DESIGN LOADS SHOWN ON THE STRUCTURAL PLANS ARE ALLOWABLE STRESS DESIGN (UNFACTORED) SERVICE LOADS.

ALL METHODS, PROCEDURES, AND SEQUENCES OF WORK ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL ENSURE ALL PRECAUTIONS ARE TAKEN TO MAINTAIN THE INTEGRITY OF THE STRUCTURE THROUGHOUT ALL STAGES OF CONSTRUCTION.

REFER TO ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING PLANS FOR ALL ITEMS OMITTED FROM THE STRUCTURAL PLANS.

IF A CONFLICT IS OBSERVED IN THE STRUCTURAL DRAWINGS, THE CONTRACTOR SHALL NOTIFY HIS ENGINEER OF RECORD FOR PROPER GUIDANCE AND CLARIFICATION PRIOR TO CONSTRUCTION.

THE STRUCTURAL INTEGRITY OF THE DESIGN DEPENDS ON THE FULL INTERACTION OF ALL ITS FRAMING MEMBERS AND CLADDING. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROPERLY SHORE AND BRACE ALL STAGES OF CONSTRUCTION UNTIL THE STRUCTURE IS COMPLETED.

THE GENERAL CONTRACTOR SHALL COORDINATE THE STRUCTURAL DRAWINGS WITH ALL OTHER DRAWINGS.

ALL EXISTING CONDITIONS, DIMENSIONS, ELEVATIONS, AND QUANTITIES SHALL BE VERIFIED BY THE GENERAL CONTRACTOR PRIOR TO ANY FABRICATION OR INSTALLATION.

SCALING OF THE STRUCTURAL DRAWINGS SHALL NOT BE PERMITTED. IF ANY DIMENSIONS VITAL TO CONSTRUCTION ARE NOT SHOWN ON THE ARCHITECTURAL OR STRUCTURAL DRAWINGS, CONTRACTOR SHALL SEND FORMAL REQUEST TO THE ARCHITECT OR ENGINEER OF RECORD FOR CLARIFICATION.

IN THE EVENT OF CONFLICTING OR DIFFERING REQUIREMENTS INDICATED ON THE STRUCTURAL DRAWINGS AND/OR SPECIFICATIONS THAT HAVE NOT BEEN SUBSEQUENTLY CLARIFIED OR CHANGED, THE CONTRACTOR SHALL PROVIDE THE BETTER QUALITY, GREATER QUANTITY, OR MORE STRINGENT UNLESS OTHERWISE DIRECTED BY THE ENGINEER OF RECORD.

CODES AND DESIGN SPECIFICATIONS

BUILDING CODE: INTERNATIONAL BUILDING CODE (IBC) 2021

AMERICAN CONCRETE INSTITUTE (ACI 318 LATEST EDITION)

NATIONAL DESIGN SPECIFICATION FOR WOOD FRAMING (NDS LATEST EDITION)

AMERICAN INSTITUTE FOR STEEL CONSTRUCTION (AISC LATEST EDITION)

AMERICAN SOCIETY OF CIVIL ENGINEERS (ASCE 7-16)

DESIGN LOADS

FLOOR DESIGN LOADS

- FIRST FLOOR LIVE LOAD = 100 PSF
SECOND FLOOR LIVE LOAD = 100 PSF
CEILING LIVE LOAD = 10 PSF

ROOF DESIGN LOADS

- ROOF COLLATERAL DEAD LOAD +6 PSF
ROOF LIVE LOAD + 20 PSF

WIND LOAD CRITERIA

- ULTIMATE WINDSPEED = 132 MPH
NOMINAL WINDSPEED = 103 MPH
OCCUPANCY CATEGORY = II
EXPOSURE = C
INTERNAL PRESSURE COEFFICIENT = +/- 0.18

GEOTECHNICAL (GEOTECHNICAL INVESTIGATION PROVIDED)

THE FOUNDATION DESIGN WAS BASED ON THE FOLLOWING GEOTECHNICAL INFORMATION:

GEOTECHNICAL INVESTIGATION BY LOUISIANA TESTING AND INSPECTION
DATE OF REPORT: MARCH 10, 2025
REPORT NUMBER: 4623-30
SHALLOW FOUNDATION ALLOWABLE BEARING CAPACITY: 1,200 PSF (12'-34" ESTIMATED SETTLEMENT)

DEEP FOUNDATION CONCRETE SHEFTS ARE USED AT LOCATIONS WHERE SHALLOW FOUNDATION ALLOWABLE BEARING CAPACITY AND/OR MAXIMUM FOOTING DIMENSIONS WILL NOT ACCOMMODATE THE LOAD DEMAND. ALLOWABLE SHAFT LOAD CAPACITIES ARE TAKEN FROM THE ABOVE REPORT AND ARE INDICATED ON THE DRILLED SHAFT SCHEDULE.

PERFORM EARTHWORK, STRUCTURAL FILL, AND DRILLED SHAFT INSTALLATION IN STRICT ACCORDANCE WITH THE GEOTECHNICAL REPORT.

REMOVE ALL VEGETATION AND DEBRIS, INCLUDING TREES AND ROOT SYSTEMS, PAVEMENTS, SIDEWALKS, BUILDING FOUNDATIONS, AND ABANDONED UTILITIES.

STRIP A MINIMUM OF 6" OF EXISTING SOIL AND REMOVE ALL ROOTS, ORGANIC MATERIALS AND UNSTABLE SOILS PRIOR TO PLACING ANY FILL.

PROOFROLL THE EXPOSED SUBGRADE TO DETECT SOFT OR YIELDING SOILS. REMOVE ANY SOFT OR YIELDING SOILS, SCARIFY, MOISTURE CONDITION, AND RECOMPACT IN ACCORDANCE WITH ASTM 6-868.

STRUCTURAL FILL SHALL BE LEAN CLAY WITH A PI BETWEEN 15 AND 30 COMPACTED TO 95% STANDARD PROCTOR DENSITY IN 10' - 12' LIFTS.

CONTRACTOR AND OWNER TO PROVIDE POSITIVE DRAINAGE AWAY FROM THE FOUNDATION DURING AND THROUGHOUT THE STRUCTURE LIFE.

THE GENERAL CONTRACTOR SHALL MAINTAIN A COPY OF THE GEOTECHNICAL REPORT ON SITE. IN THE EVENT OF CONFLICTING OR DIFFERING REQUIREMENTS INDICATED ON THE STRUCTURAL DRAWINGS AND/OR GEOTECHNICAL REPORT THAT HAVE NOT BEEN SUBSEQUENTLY CLARIFIED OR CHANGED, THE CONTRACTOR SHALL PROVIDE THE BETTER QUALITY, GREATER QUANTITY, OR MORE STRINGENT UNLESS OTHERWISE DIRECTED BY THE ENGINEER OF RECORD.

SHOP DRAWINGS:

SHOP DRAWINGS SHALL BE SUBMITTED TO THE DESIGN TEAM DIGITALLY UPON COMPLETION AND APPROVAL FROM THE GENERAL CONTRACTOR.

ENGINEER OF RECORD WILL REVIEW ALL STRUCTURAL COMPONENT SHOP DRAWINGS FOR CONFORMANCE TO DESIGN LOADS AND LOAD PATHS ONLY. ALL GEOMETRIC LAYOUTS SHALL BE REVIEWED AND APPROVED BY THE GENERAL CONTRACTOR PRIOR TO THE ENGINEER OF RECORD. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS PRIOR TO THE ORDERING OF MATERIALS AND RELEASING FOR FABRICATION.

SHOP DRAWINGS FOR THE FOLLOWING STRUCTURAL COMPONENTS SHALL BE SUBMITTED:

- CONCRETE REINFORCEMENT
CONCRETE MIX DESIGN
PRE-ENGINEERED METAL BUILDING*
STRUCTURAL STEEL*
STAIRS AND RAILS*
ELEVATED CONCRETE FORMWORK AND SHORING*

*INDICATES ITEMS REQUIRING A PROFESSIONAL ENGINEER WHO WILL ACT AS A COMPONENTS ENGINEER FOR THE GENERAL CONTRACTOR. THESE ITEMS WILL REQUIRE SHOP DRAWINGS AND CALCULATIONS TO BE AFFIXED WITH A SEAL OF A PROFESSIONAL ENGINEER LICENSED IN THE STATE WHERE THE PROJECT IS LOCATED. ALL SHOP DRAWINGS SHALL BE ACCOMPANIED BY A SET OF SEALED CALCULATIONS INCLUDING ALL REACTIONS. SUBMITTAL SHALL INCLUDE ALL APPLICABLE DESIGN LOADS, BEARING POINTS, CONNECTIONS, BRACING, AND ALL ITEMS PERTAINING TO A SAFE FABRICATION, ERECTION, AND SERVICE OF COMPONENTS.

CONTRACTOR SHALL PROVIDE A MINIMUM OF FOURTEEN (14) CALENDAR DAYS TO THE DESIGN TEAM FOR REVIEW.

PRE-ENGINEERED METAL BUILDING (PEMB)

THE PEMB STRUCTURE SHALL BE DESIGNED BY THE SUPPLIER IN ACCORDANCE WITH ASCE 7-16 LOADING CRITERIA, AISC 'MANUAL OF STEEL CONSTRUCTION', AND NIMBA PROVISIONS. THE STAMPED PEMB DRAWINGS SHALL CONSIDER THE FOLLOWING MINIMUM DESIGN CRITERIA:

- ROOF COLLATERAL LOAD ON PURLINS AND RIGID FRAMES = 6 PSF
ROOF LIVE LOAD = 20 PSF (MINIMUM WITH LIVE LOAD REDUCTION 12 PSF)
BUILDING DRIFT NOT TO EXCEED H/20 FOR A 10 YEAR MEAN RETURN INTERNAL WIND SPEED
RIGID FRAME RAFTER & PURLIN DEFLECTION CRITERIA = L/180
GIRT / BRANDEL DEFLECTION CRITERIA @ METAL PANELS = L/240

THE PRE-ENGINEERED METAL BUILDING MANUFACTURER SHALL BE A MEMBER OF THE METAL BUILDING MANUFACTURERS ASSOCIATION (MBA).

PEMB SUPPLIER TO PROVIDE LEVELING PLATES AS REQUIRED FOR FLUSH ATTACHMENT OF COMPONENTS TO BEAMS WITHIN THE ROOF CAVITY.

PEMB GRID LINES ARE SHOWN FOR GENERAL REFERENCE ONLY. FINAL GRID SPACING AND LOCATION T.B.D. BY THE PEMB SUPPLIER AND COORDINATED WITH ALL OTHER DRAWINGS BY THE G.C.

CAST-IN-PLACE CONCRETE

ALL CONCRETE WORK SHALL BE CONDUCTED IN ACCORDANCE WITH THE ACI STANDARD 'BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE' (ACI 318 LATEST EDITION).

CONCRETE MIX DESIGNED SHALL BE ESTABLISHED BY THE SUPPLIER IN ACCORDANCE WITH ACI 318. MIX DESIGNS SHALL BE SUBMITTED WITH BACKUP DATA PER ACI 318 TO THE ARCHITECT/ENGINEER FOR REVIEW AND APPROVAL PRIOR TO CONCRETE BATCHING. THE PROPOSED MATERIALS AND MIX SHALL BE FULLY DOCUMENTED AND REVIEWED BY THE TESTING LABORATORY. RESPONSIBILITY FOR OBTAINING THE REQUIRED DESIGN STRENGTH IS ON THE GENERAL CONTRACTOR.

ALL CONCRETE SHALL CONFORM TO THE REQUIREMENTS SPECIFIED IN THE TABLE BELOW:

Table with 3 columns: USE, COMPRESSIVE STRENGTH, MAXIMUM AGGREGATE SIZE. Rows include Slabs on Ground, All Other Foundation Concrete, and Elevated Concrete Slabs.

WATER/CEMENT RATIO SHALL BE LIMITED TO 0.50 MAXIMUM.

SLEEVES, MECHANICAL OPENINGS, CONDUITS, PIPES, RECESSES, DEPRESSIONS, AND ALL EMBEDDED ITEMS SHALL BE PROVIDED FOR AS PER THE MECHANICAL, ELECTRICAL, AND ARCHITECTURAL DRAWINGS.

ENGINEER OF RECORD DOES NOT PERMIT THE USE OF CALCIUM CHLORIDE, CHLORIDE IONS, OR OTHER SALTS THAT MAY CAUSE EXCESSIVE CORROSION IN THE REINFORCING STEEL.

A MINIMUM 15 MIL POLYETHYLENE VAPOR BARRIER SHALL BE PROPERLY INSTALLED AND SEALED UNDER ALL INTERIOR SLABS ON GRADE.

CONTRACTOR SHALL REFER TO THE FOUNDATION DRAWINGS FOR ADDITIONAL INFORMATION.

ALL FLOOR DRAINS, DROPS, CURBS, LEDGES, ETC. SHALL BE COORDINATED WITH THE ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS.

CONTRACTOR SHALL PLACE AND SECURE ALL REINFORCEMENT, ANCHOR BOLTS, ETC. PRIOR TO PLACING ANY CONCRETE. WET PLACING ANY OF THESE ITEMS DURING CONCRETE PLACEMENT IS NOT PERMITTED.

WATER MAY NOT BE ADDED TO BATCH AT THE SITE UNLESS IT IS SPECIFICALLY NOTED THAT IT MAY BE ADDED BY THE RECIPIENT/MIX COMPANY.

CONCRETE REINFORCEMENT

ALL CONCRETE REINFORCEMENT SHALL BE DETAILED AND ACCESSORIES PROVIDED IN ACCORDANCE WITH THE PROVISIONS OF ACI 318 (LATEST EDITION).

ALL REINFORCING STEEL SHALL CONFORM TO ASTM A-615, GRADE 60 (Fy = 60,000 PSI MIN.) UNLESS OTHERWISE SHOWN.

WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185 AND SHALL BE PROVIDED ON FLAT SHEETS ONLY.

WELDED WIRE FABRIC SHALL BE LAPPED A MINIMUM OF 2 MESHES, BUT NOT LESS THAN 12".

ALL REINFORCING STEEL SHALL BE SUPPORTED ON PLASTIC CHAIRS AT 40" O.C. E.W.

ALL BAR SPLICES, WHERE REQUIRED SHALL CLASS "B" TENSION LAP SPLICES (2" MINIMUM).

CONCRETE PROTECTION FOR REINFORCEMENT OF CAST-IN-PLACE CONCRETE MEMBERS SHALL BE IN ACCORDANCE WITH ACI 318-14 UNLESS OTHERWISE NOTED. MINIMUM CLEAR COVER OF CONCRETE OVER OUTER REINFORCING BARS SHALL BE IN ACCORDANCE WITH BELOW.

- 1. CONCRETE PERMANENTLY CAST AGAINST EARTH 3"
2. CONCRETE EXPOSED TO EARTH OR WEATHER
#6 THROUGH #11 BARS 2"
#5 BAR AND SMALLER 1 1/2"

ALL REINFORCING STEEL SHALL BE ADEQUATELY TIED TOGETHER AND SUPPORTED TO ENSURE PROPER LOCATION OF REINFORCEMENT IN ACCORDANCE WITH THE STRUCTURAL DESIGN.

BARs SHALL BE IN CONTACT WHEN FORMING A LAP SPLICE, UNLESS NOTED OTHERWISE.

ALL DOWELS SHALL MATCH THE SIZE AND SPACING OF THE SPECIFIED WALL OR COLUMN REINFORCEMENT AND SHALL BE LAPPED WITH A CLASS "B" TENSION LAP SPLICE.

SLAB-ON-GRADE POST-TENSIONED CONCRETE

ALL POST-TENSIONING MATERIAL AND ANCHORAGES SHALL CONFORM TO THE REQUIREMENTS OF THE POST TENSIONING INSTITUTE (PTI) "SPECIFICATIONS FOR UNBONDED SINGLE STRAND TENDONS."

ALL TENDONS SHALL BE FABRICATED FROM 1/2" Ø, 270 KSI LOW-RELAXATION STRANDS CONFORMING TO THE REQUIREMENTS OF ASTM A416. TENDONS SHALL BE COATED WITH A PERMANENT RUST PREVENTATIVE LUBRICANT AND PLASTIC SHEATH OF AT LEAST 0.025" THICK.

DEAD ENDS AND LIVE ENDS MAY BE REVERSED IN THE FIELD AT THE CONTRACTOR'S OPTION.

AT DEAD ENDS, TENDON SHEATHING MAY BE CUT BACK AS MUCH AS 12" FROM THE ANCHOR LOCATION.

AT LIVE ENDS, SHEATHING MAY BE CUT BACK A MAXIMUM OF 2"; TAPING IS SUFFICIENT FOR PATCHING OR REPLACEMENT OF SHEATHING.

MINIMUM CLEARANCE OF 3" SHALL BE MAINTAINED BETWEEN TENDONS AROUND ALL BLOCK-OUTS AND PIPE PENETRATIONS.

ALL CONCRETE SHALL BE WELL CONSOLIDATED.

CONCRETE FOR POST-TENSIONED FOUNDATIONS SHALL ACHIEVE A MINIMUM STRENGTH OF 1,500 PSI PRIOR TO FULL TENDON ELONGATIONS. TENDONS SHALL BE STRESSED AS EARLY AS POSSIBLE AFTER THIS STRENGTH HAS BEEN OBTAINED TO REDUCE SHRINKAGE CRACKING.

TENDONS SHALL BE ANCHORAGED AT 28.7 KIIPS. THESE TENDONS MAY BE INITIALLY AND TEMPORARILY STRESSED AT 33 KIIPS IN ORDER TO OVERCOME FRICTION AND COMPENSATE FOR SEATING LOSSES.

EACH TENDON ELONGATION SHALL BE MEASURED AND COMPARED TO THE REQUIRED ELONGATIONS. AN ELONGATION REPORT SHALL BE SUBMITTED TO THE ENGINEER OF RECORD FOR REVIEW AND APPROVAL PRIOR TO CUTTING AND GROUTING LIVE ENDS.

TENDON STRESSING AN FINISHING SHALL FOLLOW THE PROCEDURES REQUIRED IN PTIS "CONSTRUCTION AND MAINTENANCE PROCEDURES MANUAL FOR POST-TENSIONED CONSTRUCTION," LATEST EDITION.

CONTRACTOR SHALL SUBMIT POST-TENSION LAYOUT SHOP DRAWINGS TO ENGINEER OF RECORD FOR REVIEW AND APPROVAL PRIOR TO CABLE FABRICATION. DRAWINGS SHALL SHOW ALL TENDON LOCATIONS AND IDENTIFY THE FORM TO FORM CABLE LENGTH FOR ELONGATION VERIFICATION, AS WELL AS FABRICATION LENGTH INCLUDING ALL NECESSARY ADJUSTMENTS FOR DRAPE AND STRESSING TALS. DRAWINGS SHALL ALSO INDICATE STRESSING DIRECTIONS, INCLUDING VERIFICATION OF ADEQUATE STRESSING ACCESS CLEARANCES, AND SHALL HAVE ALL TENDONS UNQUELIVY NUMBERED FOR FIELD IDENTIFICATION.

POST-INSTALLED ANCHORS

POST-INSTALLED ANCHORS SHALL ONLY BE USED WITH THE PRIOR WRITTEN APPROVAL OF THE ENGINEER OF RECORD.

CONTRACTOR SHALL AVOID DAMAGING ANY REINFORCING STEEL OR POST-TENSIONED TENDONS WHEN DRILLING HOLES FOR POST-INSTALLED ANCHORS.

POST-INSTALLED ANCHOR HOLES SHALL BE ADEQUATELY CLEANED PER THE MANUFACTURERS RECOMMENDATIONS FOR THE EPOXY SELECTED BY THE ENGINEER OF RECORD.

STAIRS, GUARD, AND HANDRAIL SPECIFICATIONS

ALL STAIRS, GUARDRAILS, AND HANDRAILS AND THEIR ANCHORAGE AND CONNECTIONS SHALL BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER LICENSED IN THE STATE WHERE THE PROJECT IS LOCATED. SIGNED AND SEALED SHOP DRAWINGS SHALL BE SUBMITTED TO THE DESIGN TEAM FOR REVIEW.

STAIR STRINGERS, TREADS, AND RISERS SHALL BE DESIGNED TO SUPPORT THE LIVE LOADS INDICATED ON THE DRAWINGS AND ALL APPLICABLE IBC REQUIREMENTS.

INDIVIDUAL STAIR TREADS SHALL BE DESIGNED TO SUPPORT A MINIMUM 300 LB CONCENTRATED LOAD PLACED ON A POSITION THAT WOULD CAUSE THE MAXIMUM STRESS.

THE TOP OF HANDRAILS AND GUARDRAILS SHALL BE DESIGNED TO WITHSTAND A LOAD OF 50 PLF APPLIED IN ANY DIRECTION AT ANY POINT AND SHALL HAVE ATTACHMENT ANCHORAGE SUFFICIENT TO TRANSFER THE LOADING TO THE APPROPRIATE SUPPORTING STRUCTURAL ELEMENTS OF THE BUILDING.

THE GEOMETRIC DESIGN OF THE STAIRS AND RAILS SHALL BE IN ACCORDANCE WITH THE ARCHITECTURAL REQUIREMENTS.

STRUCTURAL STEEL

THE GENERAL CONTRACTOR SHALL PROVIDE AN ALLOWANCE IN THEIR BASE BID FOR A TOTAL OF (3) TONS OF ADDITIONAL ERECTED STEEL, AS REQUIRED BY THE STRUCTURAL ENGINEER OF RECORD. THIS ALLOWANCE SHALL COVER ALL DETAILING, FABRICATION, MATERIALS, COATINGS, PAINTING, DELIVERY, ERECTION AND ALL OTHER ASSOCIATED COSTS. ANY UNUSED PORTIONS OF THIS ALLOWANCE SHALL BE CREDITED BACK TO THE OWNER AT A RATE OF \$0.00 PER TON.

DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH LATEST EDITION THE MANUAL OF STEEL CONSTRUCTION AND THE SPECIFICATION FOR DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS* BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION.

SHOP DRAWINGS FOR FABRICATION AND ERECTION OF ALL STEEL MEMBERS SHALL BE SUBMITTED IN ACCORDANCE WITH AISC STANDARDS NOTED ABOVE. DETAILER SHALL ASSUME EQUAL BEAM SPACING BETWEEN COLUMN LINES OR BETWEEN BEAMS THAT ARE SPECIFICALLY LOCATED ON THE DRAWINGS, UNLESS NOTED OTHERWISE ON THE DRAWINGS.

STRUCTURAL STEEL SHALL CONFIRM TO THE FOLLOWING, UNLESS OTHERWISE NOTED:

- PIPE: ASTM A53 GR. B (Fy = 35 KSI)
WIDE FLANGE SHAPES: ASTM A992 (Fy = 50 KSI)
MISC. SHAPES IS (4x4x1/2), PLATES, BARS: ASTM A588 (Fy = 50 KSI)

ALL STEEL, INCLUDING MASONRY RELIEF ANGLES AND LINTELS, EXPOSED TO WEATHER SHALL BE HOT-DIP GALVANIZED. REFER TO ARCHITECTURAL FOR ADDITIONAL PAINTING REQUIREMENTS AS APPLICABLE.

STEEL SHALL RECEIVE ONE SHOP COAT AND ONE FIELD TOUCH UP COAT OF APPROVED PAINT, EXCEPT WHERE STEEL IS IN CONTACT WITH FRESH CONCRETE. STEEL IS TO RECEIVE REPROOFING, AND STEEL IS TO BE GALVANIZED.

STEEL BELOW GRADE SHALL HAVE A MINIMUM OF 4" CONCRETE COVER PROTECTION OR BE PROTECTED WITH (2) COATS OF ASPHALTIC PAINT.

ANCHOR BOLTS INCLUDING WASHERS AND NUTS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A325 OR A490. BOLTS OF STRUCTURAL STEEL SHALL CONFORM TO THE PROVISIONS OF RC302 "SPECIFICATIONS FOR STRUCTURAL JOINTS USING ASTM A325 AND A490 BOLTS".

BOLTED CONNECTIONS TO ANCHOR RODS SHALL CONFORM TO ASTM F1554, GRADE 55, UNLESS INDICATED OTHERWISE.

GROUT BELOW BASE PLATES SHALL BE HIGH-STRENGTH, NON-SHRINK, NONMETALLIC GROUT, WITH A 28 DAY MINIMUM COMPRESSIVE STRENGTH OF 5,000 PSI.

WELDING PROCEDURES SHALL CONFORM TO THE LATEST EDITION OF THE AMERICAN WELDING SOCIETY'S (AWS) STRUCTURAL WELDING CODES AND SHALL BE PERFORMED BY CERTIFIED WELDERS.

WELDED CONNECTIONS FOR STEEL MEETING ASTM A992 OR A572 SHALL BE MADE WITH E70XX LOW HYDROGEN ELECTRODES. OTHER WELDED CONNECTION TO BE MADE WITH REGULAR E70XX ELECTRODES.

WELDS SHOWN ON THE DRAWINGS ARE THE MINIMUM REQUIRED BY DESIGN. MINIMUM WELD SIZE SHALL BE 3/16". ALL STIFFENER PLATES, ANGLES, ETC. WHERE SHOWN IN CONTACT WITH OTHER STEEL MEMBERS TO BE CONNECTED WITH 3/8" FILLET WELD ALL AROUND, UNLESS NOTED OTHERWISE.

FABRICATION SHOP DRAWING SHALL REFLECT WELDS IN ACCORDANCE WITH AWS REQUIREMENTS. SHOP DRAWINGS SHALL DETAIL ALL SHOP AND FIELD WELDS. SHOP AND FIELD WELD SHOWN ON DRAWINGS FOR CONCEPT. GENERAL CONTRACTOR SHALL COORDINATE WELDING SEQUENCE REQUIREMENTS, UNLESS NOTED OTHERWISE.

LIGHT-GAUGE METAL FRAMING

LIGHT GAUGE SUPPLIER SHALL BE A MEMBER AND PROVIDE SECTIONS MEETING THE QUALITY AND STANDARDS SET FORTH BY THE STEEL STUD MANUFACTURERS ASSOCIATION (SSMA). LIGHT GAUGE MEMBER SIZING DESIGNATIONS ARE PER THE NOMENCLATURE ESTABLISHED BY SSMA. SEE EXAMPLE BELOW:

- 80S200-43: 80 = MEMBER DEPTH, S = MEMBER TYPE, 200 = FLANGE WIDTH, 43 = MAXIMUM DESIGN THICKNESS IN MILS.

ALL LIGHT GAUGE MEMBERS SHALL HAVE A MINIMUM THICKNESS OF 18-GAUGE UNLESS NOTED OTHERWISE.

ALL CONDUIT AND OTHER PENETRATIONS SHALL BE MADE THROUGH THE METAL STUD PUNCHES. ANY ADDITIONAL PENETRATIONS SHALL BE COORDINATED WITH THE LIGHT GAUGE METAL ENGINEER.

ALL LIGHT GAUGE STEEL WALL FRAMING SHALL MEET THE FOLLOWING DEFLECTION CRITERIA:

- FLEXIBLE FINISHES: L/240
BRICK VENEER: L/600
OTHER FINISHES: L/360

STEEL DECKING

STEEL DECKING SHALL BE MANUFACTURED FROM ASTM A653/A653M, G60 ZINC COATING SHEET STEEL.

ALL DECKING SHALL COMPLY WITH SDI PUBLICATION NO. 31. ERECT METAL DECK IN ACCORDANCE WITH SDI DESIGN MANUAL AND MANUFACTURER'S INSTRUCTIONS.

ROOF DECK SHALL COMPLY WITH THE SPECIFIED PROFILES INDICATED ON THE STRUCTURAL DRAWINGS.

ALL FASTENERS SHALL BE HEX WASHER HEAD, SELF-DRILLING AND SELF-TAPPING FASTENERS.

FURNISH AND INSTALL ALL SHEET METAL DECK ACCESSORIES INCLUDING METAL CLOSURE STRIPS, POUR STOPS, AND COVER PLATES WITH PROFILE AND GAGE AS INDICATED ON THE STRUCTURAL DRAWINGS.

AT DECK OPENINGS GREATER THAN 18" IN SIZE, PROVIDE LIGHT GAUGE METAL REINFORCEMENTS.

FURNISH DECK WITH THE FOLLOWING MINIMUM BEARING REQUIREMENTS:

- ON STEEL SUPPORTS: - 1 1/2" BEARING

STRUCTURAL CONCRETE MASONRY UNITS (CMU)

ALL MASONRY WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE IBC AND TMS 402 / ACI 530.

ALL MASONRY WORK SHALL BE INSPECTED AND EVALUATED IN ACCORDANCE WITH THE REQUIREMENTS OF TMS 402 / ACI 530 BASED ON APPLICABLE LATERAL DESIGN RISK CATEGORY PROVIDED ON THIS SHEET. THE CONTRACTOR SHALL PROVIDE REPORTS FROM THE TESTING AGENCY INDICATING COMPLIANCE WITH THESE REQUIREMENTS.

STRUCTURAL PROPERTIES SHALL BE IN ACCORDANCE WITH THE BELOW:

- Fm: 2,000 PSI
CONCRETE MASONRY UNITS: LIGHT WT ASTM 90 W/ A MINIMUM COMPRESSIVE STRENGTH OF 3,300 PSI ON THE NET AREA
MORTAR: ASTM C270 TYPE S, 1,800 PSI MIN COMPRESSIVE STRENGTH
COARSE GROUT: ASTM C476 3/8" AGGREGATE, 3,000 PSI
REINFORCING STEEL: ASTM A615 GRADE 60, ASTM A76 FOR WELDED APPLICATION
Z-TIES: ASTM A82, 3/16" DIAMETER WIRE, GALVANIZED

U-BLOCK LINTELS SHALL BE PLACED ABOVE ALL OPENINGS, INCLUDING MECHANICAL PENETRATIONS U.N.O. IN ACCORDANCE WITH THE STRUCTURAL DRAWINGS.

NO OPENINGS LARGER THAN 1/5" SHALL BE BUILT USING CMU.

CONTINUOUS BOND BEAMS REINFORCED WITH (2) #5 BARS SHALL BE PROVIDED AT ALL FLOOR LEVELS AND AT THE TOPS OF ALL WALLS AND PARAPETS AND AT ALL JOIST BEARING ELEVATIONS.

THE FIRST CELL, IN EACH WYTHE, AT CORNERS, EACH SIDE OF OPENINGS, AND ENDS OF WALLS SHALL BE GROUTED AND REINFORCED AS PER THE REINFORCEMENT CALLED OUT IN THE PLAN.

PROVIDE WIRE-BOND CORELOCK REBAR POSITIONERS OR EQ TO SECURE VERTICAL WALL REINFORCEMENT IN PROPER LOCATION AS NOTED ON PLANS. PROVIDE A MINIMUM OF ONE POSITIONER PER POUR LIFT.

CONTRACTOR SHALL ENSURE ALL CELLS ARE FREE OF TRASH AND DEBRIS BEFORE GROUTING CELLS.

ALL STRUCTURAL MASONRY TO BE INSTALLED IN RUNNING BOND UNLESS NOTED OTHERWISE.

IBC CHAPTER 17 SPECIAL INSPECTIONS

THE OWNER OR THE OWNER'S REPRESENTATIVE IS REQUIRED TO PROVIDE SPECIAL INSPECTIONS IN ACCORDANCE WITH CHAPTER 17 OF IBC 2021. THE GENERAL CONTRACTOR IS REQUIRED TO ENGAGE AND ACCOMMODATE THE REQUIRED SPECIAL INSPECTIONS BY PROVIDING ACCESS TO ELEMENTS REQUIRED FOR INSPECTION AND NOTIFYING THE TESTING AGENCY 48 HOURS PRIOR TO A REQUIRED INSPECTION EVENT. ANY UNUSUED PORTIONS OF THIS ALLOWANCE SHALL BE CREDITED BACK TO THE OWNER AT A RATE OF \$0.00 PER TON.

- SOILS: (IBC 1705.6)
MASONRY: (IBC 1705.4)
STEEL CONSTRUCTION: (IBC 1705.2)
COLD-FORMED STEEL DECK: (IBC 1705.2.2)
OPEN WEB STEEL JOISTS: (IBC 1705.0.3)
CONCRETE CONSTRUCTION: (IBC 1705.3)
POST-INSTALLED ANCHORS: (IBC 1705.6)

REFER TO OTHER PORTIONS OF THE CONSTRUCTION DOCUMENTS FOR TESTING AND INSPECTIONS REQUIRED OF ARCHITECTURAL, MECHANICAL, ELECTRICAL, OR OTHER BUILDING COMPONENTS.

CONTRACTOR RESPONSIBILITIES:

THE CONTRACTOR SHALL SUBMIT TO THE BUILDING OFFICIAL AND THE ARCHITECT A WRITTEN STATEMENT OF RESPONSIBILITIES THAT CONTAIN THE FOLLOWING:

ACKNOWLEDGEMENT OF AWARENESS OF THE SPECIAL REQUIREMENTS CONTAINED WITHIN THIS STRUCTURAL QUALITY ASSURANCE PLAN.

ACKNOWLEDGEMENT THAT CONTROL SHALL BE EXERCISED TO OBTAIN CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS APPROVED BY THE BUILDING OFFICIAL.

PROCEDURES FOR EXERCISING CONTROL WITH THE CONTRACTOR'S ORGANIZATION, THE METHOD AND FREQUENCY OF REPORTING, AND THE DISTRIBUTION OF REPORTS.

IDENTIFICATION AND QUALIFICATIONS OF THE PERSON(S) EXERCISING SUCH CONTROL AND THEIR POSITION(S) IN THE ORGANIZATION.

THE STRUCTURAL TESTING/INSPECTION AGENCY THAT IS TO ACT AS THE SPECIAL INSPECTOR WILL BE HIRED BY THE OWNER. THE CONTRACTOR SHALL PAY FOR ANY ADDITIONAL STRUCTURAL TESTING/INSPECTION REQUIRED FOR WORK OR MATERIALS NOT COMPLYING WITH THE CONSTRUCTION DOCUMENTS DUE TO NEGLIGENCE OR NONCONFORMANCE AND SHALL PAY FOR ANY ADDITIONAL STRUCTURAL TESTING/INSPECTION REQUIRED FOR HIS CONVENIENCE.

CONTRACTOR IS RESPONSIBLE TO ENSURE THAT THE SPECIAL INSPECTOR IS PRESENT FOR ALL WORK REQUIRING SPECIAL INSPECTION. ANY WORK THAT REQUIRES SPECIAL INSPECTION AND IS PERFORMED WITHOUT THE SPECIAL INSPECTOR PRESENT IS SUBJECT TO BEING DEMOLISHED AND RECONSTRUCTED.

CONTRACTOR HAS THE FOLLOWING RESPONSIBILITIES TO THE SPECIAL INSPECTOR:

PROVIDE COPY OF CONSTRUCTION DOCUMENTS TO THE SPECIAL INSPECTOR.

NOTIFY THE SPECIAL INSPECTOR SUFFICIENTLY IN ADVANCE OF OPERATIONS TO ALLOW ASSIGNMENT OF PERSONNEL AND SCHEDULING OF TEST (A MINIMUM OF 48 HOURS OF NOTICE PRIOR TO A REQUIRED INSPECTION EVENT).

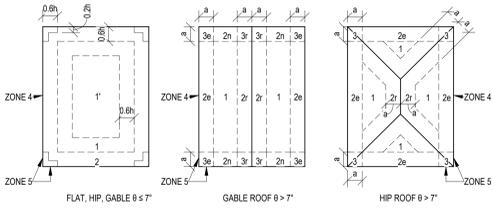
COOPERATE WITH SPECIAL INSPECTOR AND PROVIDE ACCESS TO WORK.

PROVIDE SAMPLES OF MATERIALS TO BE TESTED IN REQUIRED QUANTITIES.

PROVIDE STORAGE SPACE FOR THE SPECIAL INSPECTOR'S EXCLUSIVE USE, SUCH AS FOR STORING AND CURING CONCRETE TESTING SAMPLES. PROVIDE LABOR TO ASSIST THE SPECIAL INSPECTOR IN PERFORMING TESTING/INSPECTIONS.

SPECIAL INSPECTOR RESPONSIBILITIES:

SPECIAL INSPECTOR SHALL MAINTAIN RECORDS OF INSPECTIONS IN ACCORDANCE WITH CHAPTER 17 OF THE BUILDING CODE AND SHALL DISTRIBUTE THESE RECORDS TO THE BUILDING OFFICIAL, ARCHITECT, AND STRUCTURAL ENGINEER ON A WEEKLY BASIS (OR MORE FREQUENTLY IF INDICATED IN SPECIFICATIONS OR NECESSARY FOR TIMELY RESPONSE TO DEVIATIONS). AT THE CONCLUSION OF THE PROJECT, THE SPECIAL INSPECTOR SHALL SUBMIT A WRITTEN STATEMENT THAT THE SPECIAL INSPECTIONS DURING CONSTRUCTION HAVE COMPLIED WITH THIS STRUCTURAL QUALITY ASSURANCE PLAN AND THAT ANY DISCREPANCIES NOTED DURING CONSTRUCTION HAVE BEEN CORRECTED.



GENERAL NOTES:

- 1. PRESSURES SHOWN IN THE SCHEDULE ARE ULTIMATE LEVEL (FACTORED) LOADS PER ASCE 7-16 AND IBC 2021, WHERE SERVICE LEVEL (UNFACTORED) WIND PRESSURES ARE NEEDED FOR DESIGN, THE TABLE PRESSURES SHALL BE MULTIPLIED BY A FACTOR OF 0.60.
2. TABLE PRESSURES ARE FOR THE EFFECTIVE AREA OF COMPONENTS SHOWN. FOR OTHER EFFECTIVE AREAS, LINEAR INTERPOLATE BETWEEN THE TABULATED VALUES.
3. POSITIVE PRESSURE INDICATES PRESSURE ACTING TOWARDS THE BUILDING. NEGATIVE PRESSURES ACT AWAY FROM THE BUILDING.
4. A MINIMUM DEAD LOAD EQUAL TO 5 PSF MAY BE INCLUDED FOR NET ROOF UPLIFT PRESSURES.

DEFINE

PLUMBING ABBREVIATIONS

AD	ACCESS DOOR	HP	HORSE POWER
ADA	AMERICANS WITH DISABILITIES ACT	HS	HOSE STATION
AFF	ABOVE FINISHED FLOOR	HW	HAND WASH
AV	ACID VENT	ICE	ICE MACHINE WATER CONNECTION
AW	ACID WASTE	L	LAVATORY
BOP	BOTTOM OF PIPE	LS	LIFT STATION (SANITARY SEWER)
BP	BACKFLOW PREVENTER	MH	MANHOLE
BT	BATH TUB	MV	MIXING VALVE
BTUH	BRITISH THERMAL UNITS PER HOUR	N.O.	NORMALLY OPEN
C	CONDENSATE DRAIN LINE	N.C.	NORMALLY CLOSED
CA	COMPRESSED AIR LINE	NTS	NOT TO SCALE
CB	CATCH BASIN	P	PUMP
CFM	CUBIC FEET PER MINUTE	PIV	POST INDICATING VALVE
CI	CAST IRON	PRV	PRESSURE REDUCING VALVE
CO	CLEANOUT	PSIG	POUNDS PER SQUARE INCH GAGE
CSS	CLINIC SERVICE SINK	PT	PLASTER TRAP
CP	CIRCULATING WATER PUMP	REF	REFRIGERATOR WATER CONNECTION BOX
D	DRAIN LINE	RD	ROOF DRAIN
DF	DRINKING FOUNTAIN	RPM	REVOLUTIONS PER MINUTE
DCW	DOMESTIC COLD WATER LINE	SAN	SANITARY SEWER
DHR	DOMESTIC HOT WATER RETURN LINE	SD	STORM DRAIN
DHW	DOMESTIC HOT WATER LINE	SF	SQUARE FOOT
DS	DRENCH SHOWER	SH	SHOWER
DSEW	DRENCH SHOWER WITH EYE WASH	SK	SINK
DT	DILUTION TRAP	SMH	SEWER MANHOLE
DW	DISHWASHER	SS	SERVICE SINK
ET	EXPANSION TANK	STP	SEWER TREATMENT PLANT
EW	EYE WASH	TD	TRENCH DRAIN
EWC	ELECTRIC WATER COOLER	TP	TRAP PRIMER
EWH	ELECTRIC WATER HEATER	TYP	TYPICAL
FCO	FLOOR CLEANOUT	U	URINAL
FD	FLOOR DRAIN	UNO	UNLESS NOTED OTHERWISE
FDC	FIRE DEPARTMENT CONNECTION	V	VENT
FEE	FINISHED FLOOR ELEVATION	VAC	VACUUM
FH	FIRE HYDRANT	VB	VACUUM BREAKER
FS	FLOOR SINK	VTR	VENT THRU ROOF
GD	GARBAGE DISPOSAL	W	WASHER WATER/DRAIN CONNECTION LINE
GPH	GALLONS PER HOUR	WC	WATER CLOSET
GPM	GALLONS PER MINUTE	WCO	WALL CLEANOUT
GT	GREASE TRAP	WF	WASH FOUNTAIN
GWH	GAS FIRED WATER HEATER	WG	WATER GAGE
HB	HOSE BIB	WP	WHIRL POOL
HD	HUB DRAIN	ZVB	ZONE VALVE BOX (MEDICAL GAS)

DESIGN

PLUMBING LEGEND

PIPING				VALVES			
EXISTING	DEMO	NEW	DESCRIPTION	EXISTING	DEMO	NEW	DESCRIPTION
			DOMESTIC COLD WATER LINE				BALL VALVE (SHUT-OFF)
			DOMESTIC HOT WATER LINE (110°)				BALL VALVE (SHUT-OFF)
			DOMESTIC HOT WATER RETURN LINE				SHUT-OFF VALVE IN CAST IRON VALVE BOX
			DOMESTIC HOT WATER LINE (X-TEMP)				CALIBRATED BALANCING VALVE
			SANITARY SEWER LINE (SAN)				CHECK VALVE
			SANITARY SEWER VENT LINE				OS&Y VALVE
			STORM DRAIN LINE (PRIMARY)				GAS COCK
			OVERFLOW STORM DRAIN LINE (SECONDARY)				BUTTERFLY VALVE
			CONDENSATE DRAIN LINE				VALVE IN RISE
			GREASE WASTE DRAIN LINE				2-WAY CONTROL VALVE
			ACID WASTE DRAIN LINE				3-WAY CONTROL VALVE
			FIRE MAIN WATER LINE	EQUIPMENT			
			SPRINKLER LINE	EXISTING	DEMO	NEW	DESCRIPTION
			NATURAL GAS LINE				PLUMBING FIXTURES
			PROPANE GAS LINE				METER
			COMPRESSED AIR LINE				REGULATOR
			REVERSE OSMOSIS PURE WATER SUPPLY LINE	SYMBOL (MISC.)			
			REVERSE OSMOSIS PURE WATER RETURN LINE	EXISTING	DEMO	NEW	DESCRIPTION
			DIONIZED PURE WATER SUPPLY LINE				CONNECT TO EXISTING SERVICES
			OXYGEN LINE (MEDICAL)				
			VACUUM LINE (MEDICAL)				
			NITROGEN LINE (MEDICAL)				
			NITROUS OXIDE (MEDICAL)				
			AIR (MEDICAL)				
			WASTE ANESTHETIC GAS DISPOSAL				
PIPE FITTING							
EXISTING	DEMO	NEW	DESCRIPTION				
			CAPPED PIPE				
			PIPE RISE				
			PIPE DROP				
			UNION				
			DIRECTION OF FLOW				
			PIPE SUPPORT OR BRACING				
			PIPE CONNECTION (TOP)				
			PIPE CONNECTION (BOTTOM)				
			PIPE CONNECTION (SIDE)				
			CAPPED OUTLET TOP				
			PIPE REDUCER AND/OR INCREASER				

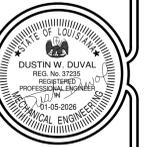
NOTES: 1. EXISTING ITEMS ON DEMO PLANS ARE "EXISTING TO REMAIN" UNLESS NOTED "EXISTING TO BE RELOCATED."
 2. ITEMS ON NEW CONSTRUCTION PLANS ARE NEW UNLESS NOTED "RELOCATED FROM PREVIOUS LOCATION."
 3. NOT ALL ITEMS SHOWN ON THIS LIST MAY BE APPLICABLE TO THIS PROJECT.

DELIVER

PLUMBING GENERAL NOTES

- CONTRACTOR SHALL VISIT THE SITE AND DETERMINE THE EXTENT OF DEMOLITION WORK AND NEW WORK NEEDED FOR THIS PROJECT, PRIOR TO SUBMITTING BID.
- CONTRACTOR SHALL BECOME FAMILIAR WITH THE PROJECT SCOPE, CONSTRAINTS, UTILITY CONNECTIONS, AND BUILDING SERVICES, PRIOR TO SUBMITTING BID.
- CONTRACTOR SHALL GIVE FIRST RIGHT TO REFUSAL OF SALVAGE TO THE OWNER. IF THE OWNER ELECTS TO NOT KEEP SALVAGE, CONTRACTOR SHALL REMOVE SALVAGE BY LAWFUL MEANS.
- DRAWINGS ARE SCHEMATIC AND DIAGRAMMATIC IN NATURE. DRAWINGS SHALL NOT BE SCALED. COORDINATE ROUTING OF SERVICES WITH SITE CONDITIONS AND WITH WORK OF OTHER TRADES.
- FIELD VERIFY DIMENSIONS PRIOR TO ORDERING, FABRICATING, AND ERECTION OF MATERIAL AND/OR EQUIPMENT. NOTIFY THE ENGINEER OF DISCREPANCIES IN A TIMELY MANNER.
- VERIFY CLEARANCE REQUIREMENTS AND ROUTING OF PIPING PRIOR TO FABRICATION. AS MINOR MODIFICATIONS SUCH AS PIPING RISES AND DROP MAY BE REQUIRED DUE TO FIELD CONDITIONS, MAKE MINOR MODIFICATIONS TO THE BUILDING, PIPING, SPRINKLER DUCTWORK, ELECTRICAL, ETC. AS SHOWN ON THE DRAWINGS OR REQUIRED TO COMPLETE THE INSTALLATION OF A COMPLETED WORKABLE SYSTEM.
- MAINTAIN WEATHER-TIGHT BARRIERS TO PREVENT DAMAGE FROM THE ELEMENTS DURING DEMOLITION AND NEW CONSTRUCTION PERIOD.
- SEAL PENETRATIONS THROUGH THE BUILDING ENVELOPE.
- PENETRATIONS THROUGH RATED WALLS, FLOORS, PARTITIONS AND ASSEMBLIES SHALL BE INSTALLED AND FIRE-RATED TO MEET UL FIRE RESISTANCE LISTING AND NFPA REQUIREMENTS FOR THE PENETRATION.
- COORDINATE DEVICES REQUIRING ACCESS PANELS WITH THE ARCHITECT AND OTHER TRADES.
- MAINTAIN MINIMUM CLEARANCE 10'-0" BETWEEN OUTSIDE INTAKES AND EXHAUST OUTLETS AND PLUMBING VENTS.
- COORDINATE FINAL LOCATIONS AND ELEVATIONS WITH THE ARCHITECT PRIOR TO INSTALLATION.
- COORDINATE FINAL FINISH COLORS OF MATERIALS, DEVICES, AND/OR EQUIPMENT WITH THE ARCHITECT PRIOR TO ORDERING, FABRICATION AND INSTALLATION.
- SCHEDULE UTILITY SERVICES SHUTDOWNS WITH OWNER AND ARCHITECT. MINIMIZE DISRUPTIONS AND DOWNTIME TO THE OWNER.
- INSTALL DEVICES AND EQUIPMENT TO MEET ADA REQUIREMENTS.
- ROUTE PIPING CONCEALED IN INTERSTITIAL SPACE UNLESS NOTED OTHERWISE.
- DOCUMENT LOCATIONS OF DEVICES, PIPING, AND EQUIPMENT ON "AS-BUILT" RECORD DRAWINGS AS PER THE SPECIFICATIONS.
- PAY FOR SERVICE, DEPOSITS, INSPECTION, AND CONNECTION FEES REQUIRED FOR A COMPLETE INSTALLATION. COORDINATE WITH THE UTILITY SERVICE PROVIDER FOR THE REQUIREMENTS NEEDED FOR THIS PROJECT.
- WORK SHOWN IN THE DRAWINGS SHALL COMPLY WITH APPLICABLE NATIONAL, STATE, AND LOCAL ORDINANCES AND CODES.
- WATER EXPOSED DOMESTIC COLD AND HOT WATER PIPING WITHIN THE BUILDING SHALL HAVE FIELD INSTALL PVC JACKET.
- WATER HAMMER ARRESTER(S) SHALL BE INSTALLED ON PIPING SYSTEMS AND AT QUICK-CLOSING VALVES AS PER MANUFACTURER'S RECOMMENDATIONS.

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DRAWN BY:	GUJ
DATE:	01/05/26
REVISION NO./DATE:	
JOB NO.	23-035
SHEET	PO.0
67	Of 97 SHEETS



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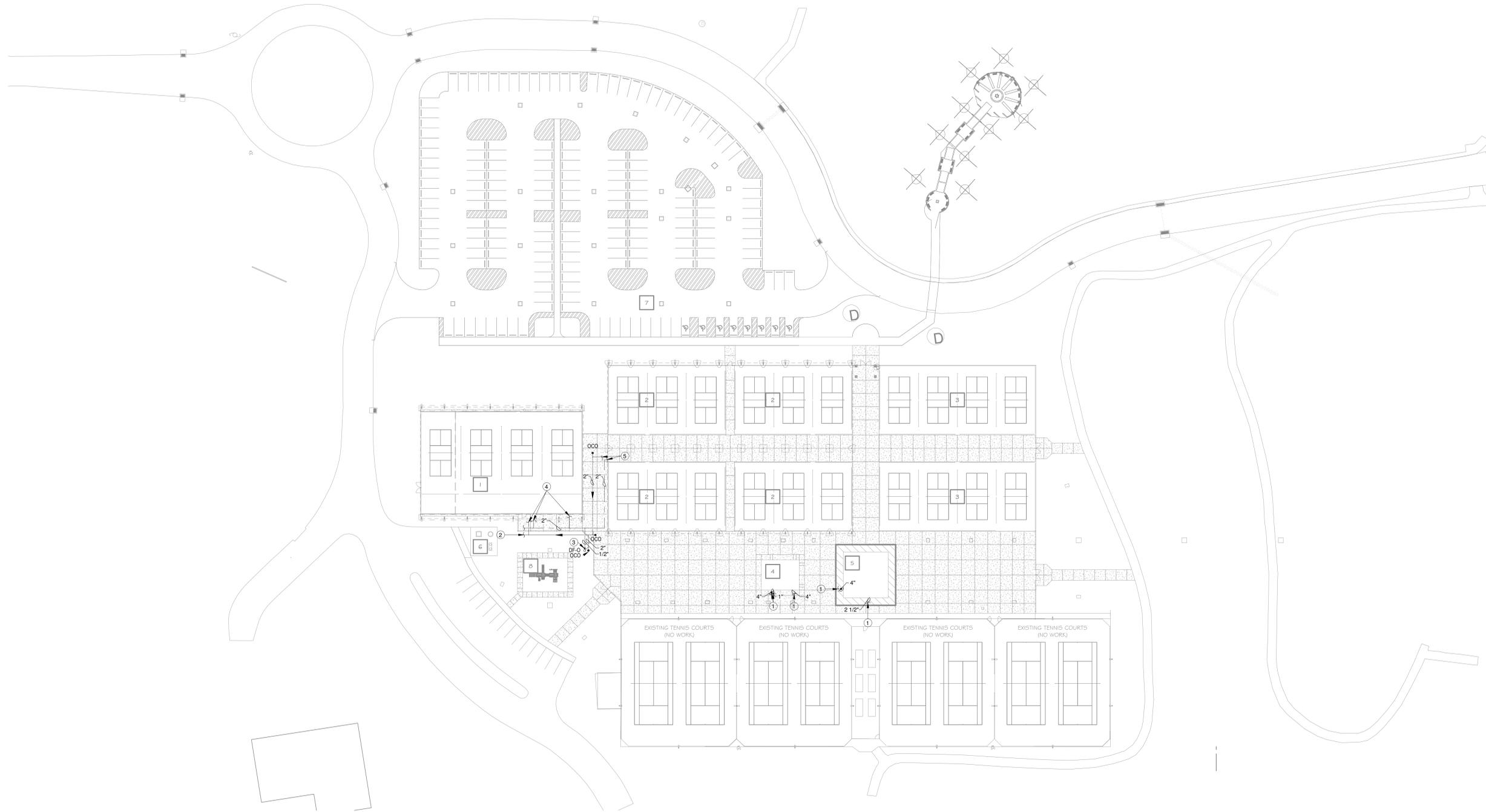


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PLUMBING NOTES

- 1 REFER TO CIVIL SITE DRAWINGS FOR CONTINUATION.
- 2 CONNECT TO SANITARY SEWER LINES PROVIDED BY CIVIL ENGINEER IN THIS AREA. REFER TO CIVIL DRAWINGS FOR COORDINATION. INVERT SHALL BE APPROXIMATELY 23.67.
- 3 1/2" VALVE IN CAST IRON VALVE BOX MARKED "WATER" ON COVER.
- 4 REFER TO SHEET P2.0 FOR CONTINUATION.
- 5 REFER TO SHEET P2.1 FOR CONTINUATION.



Plumbing Site Plan

1" = 40'-0"



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PROJECT No.: 24097-00



A NEW RACKET CENTER / OBSERVATION DECK FOR
ST JULIEN RECREATIONAL FACILITY
701 ST. MAZARIE ROAD, BROUSSARD, LA 70518



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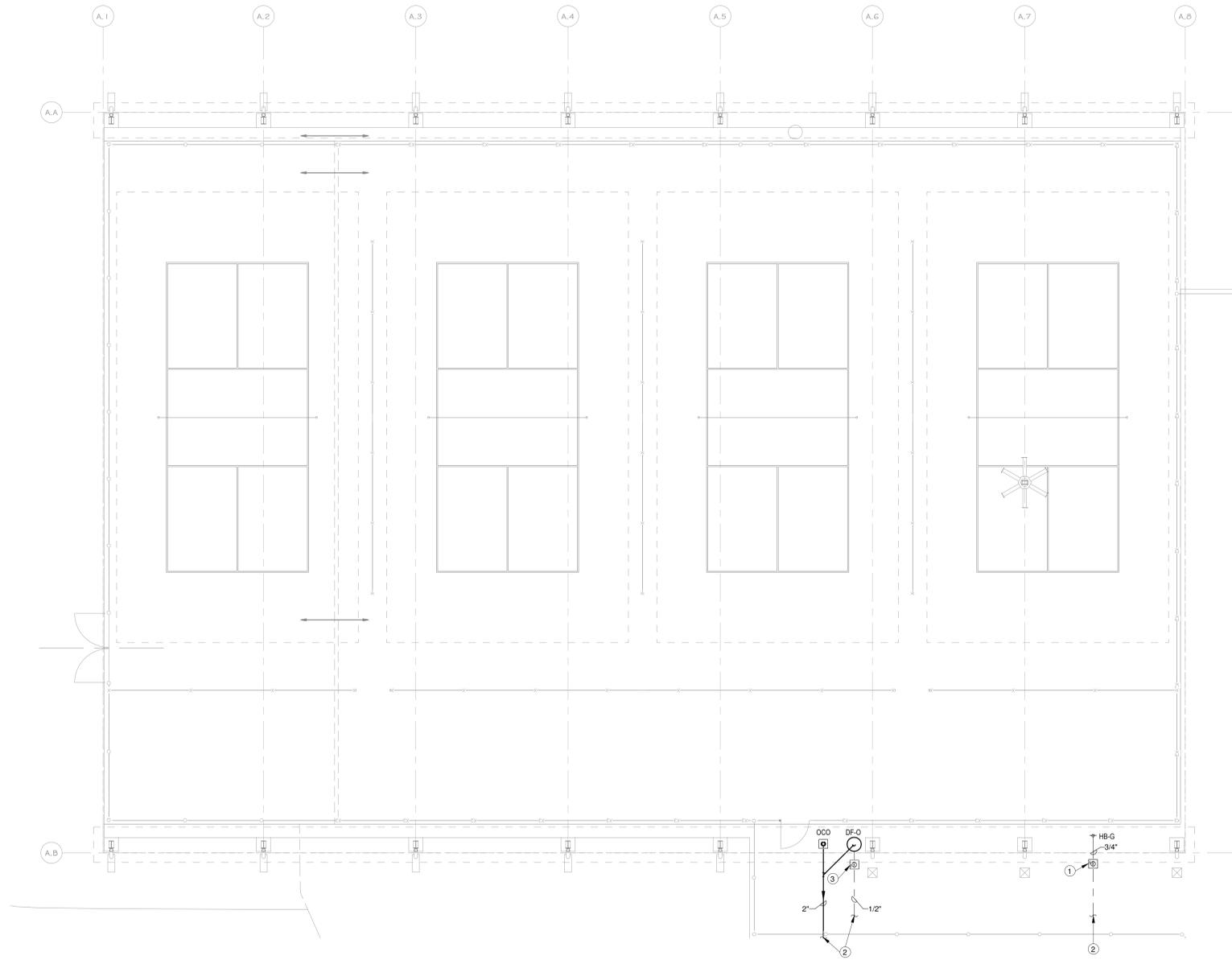
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PLUMBING NOTES	
1	3/4" VALVE IN CAST IRON VALVE BOX MARKED "WATER" ON COVER.
2	REFER TO SHEET P1.0 FOR CONTINUATION.
3	1/2" VALVE IN CAST IRON VALVE BOX MARKED "WATER" ON COVER.



Plumbing Plan - Pickleball (#1 -#4)
1/8" = 1'-0"

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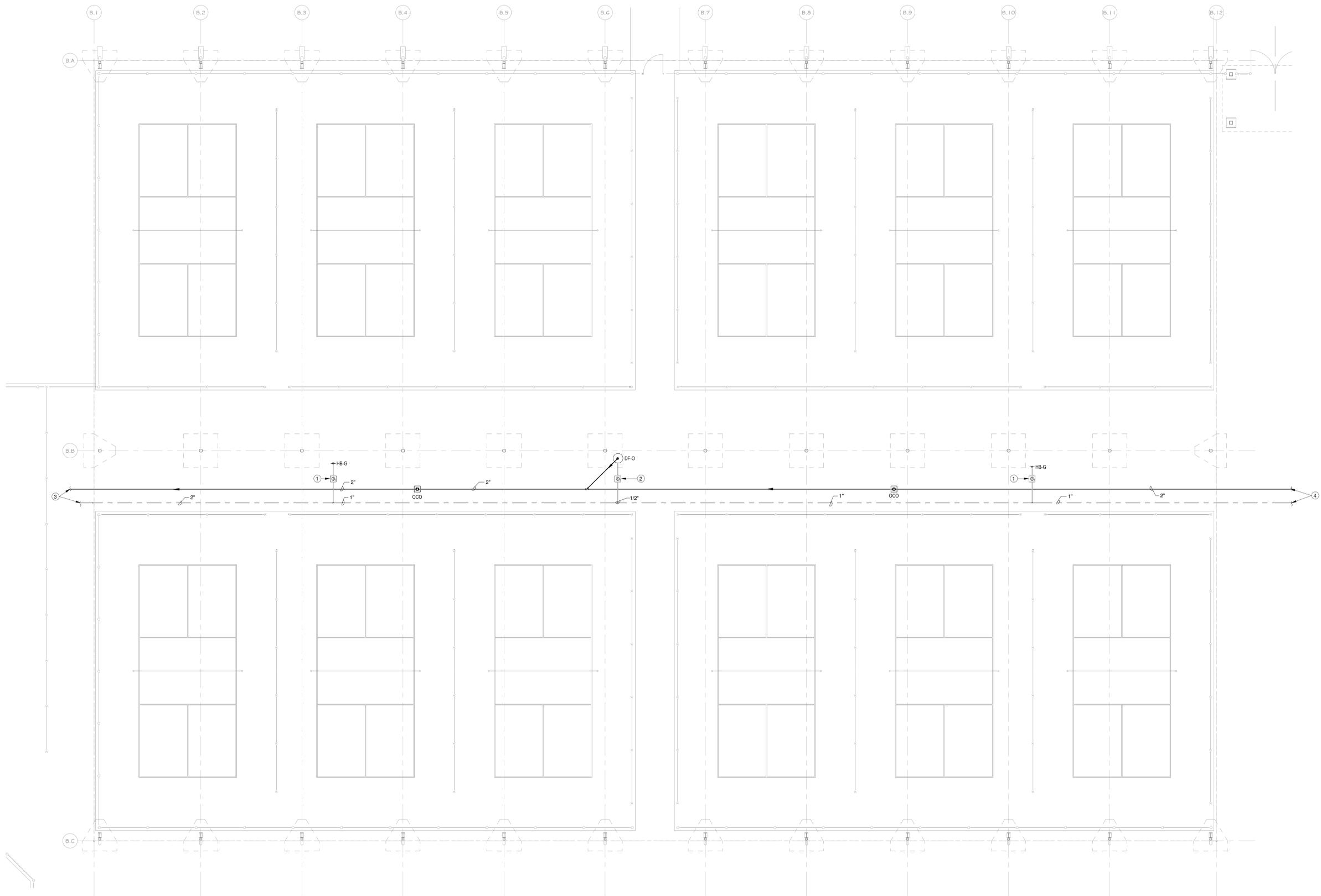
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PLUMBING NOTES	
1	3/4" VALVE IN CAST IRON VALVE BOX MARKED "WATER" ON COVER.
2	1/2" VALVE IN CAST IRON VALVE BOX MARKED "WATER" ON COVER.
3	REFER TO SHEET P1.0 FOR CONTINUATION.
4	REFER TO SHEET P2.2 FOR CONTINUATION.



Plumbing Plan - Pickleball (#5-#16)

1/8" = 1'-0"



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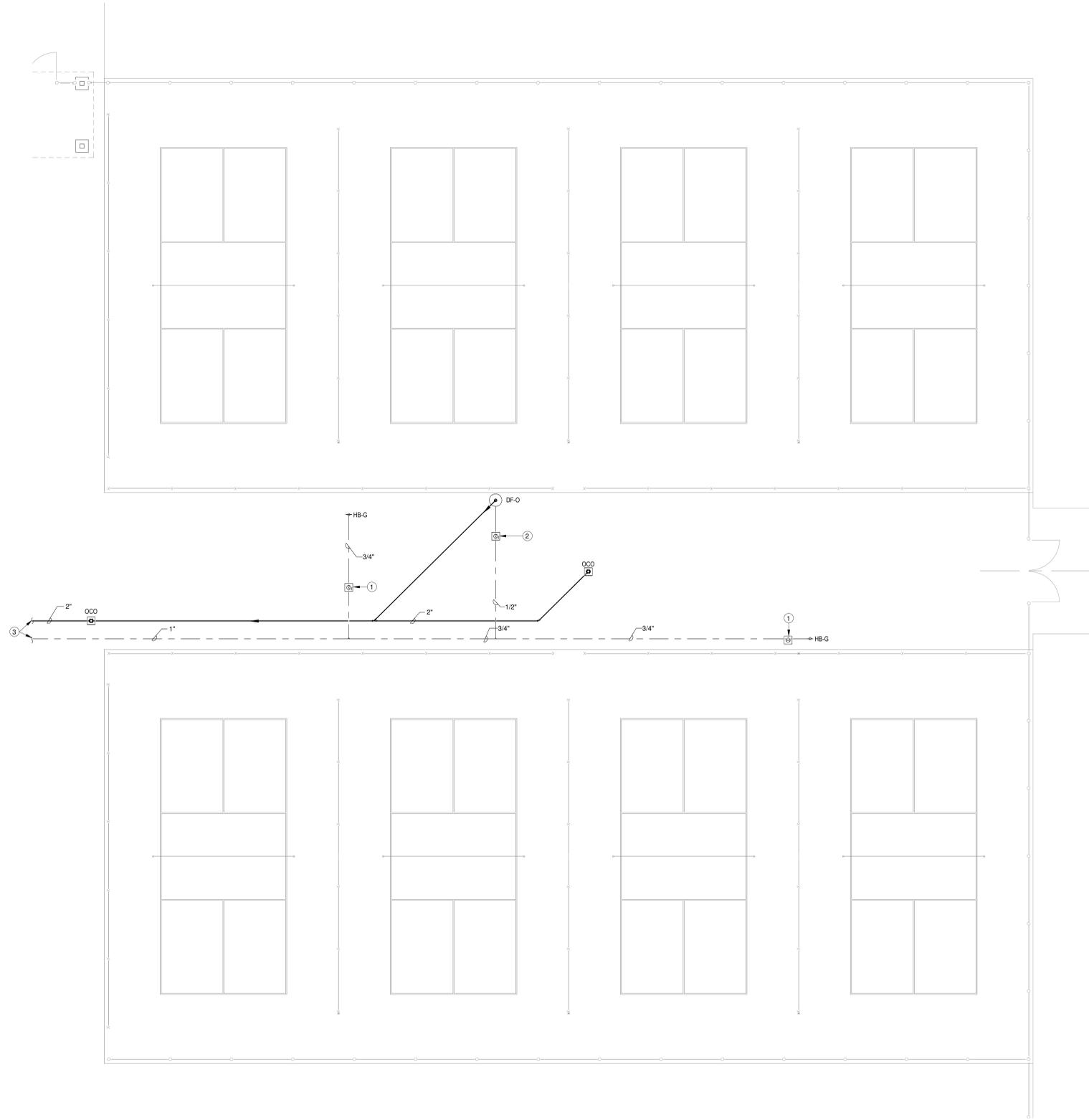
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P2.1

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PLUMBING NOTES	
1	3/4" VALVE IN CAST IRON VALVE BOX MARKED "WATER" ON COVER.
2	1/2" VALVE IN CAST IRON VALVE BOX MARKED "WATER" ON COVER.
3	REFER TO SHEET P2.1 FOR CONTINUATION.

Plumbing Plan - Pickleball (# 17-#24)

1/8" = 1'-0"



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PROJECT No.: 24097.00



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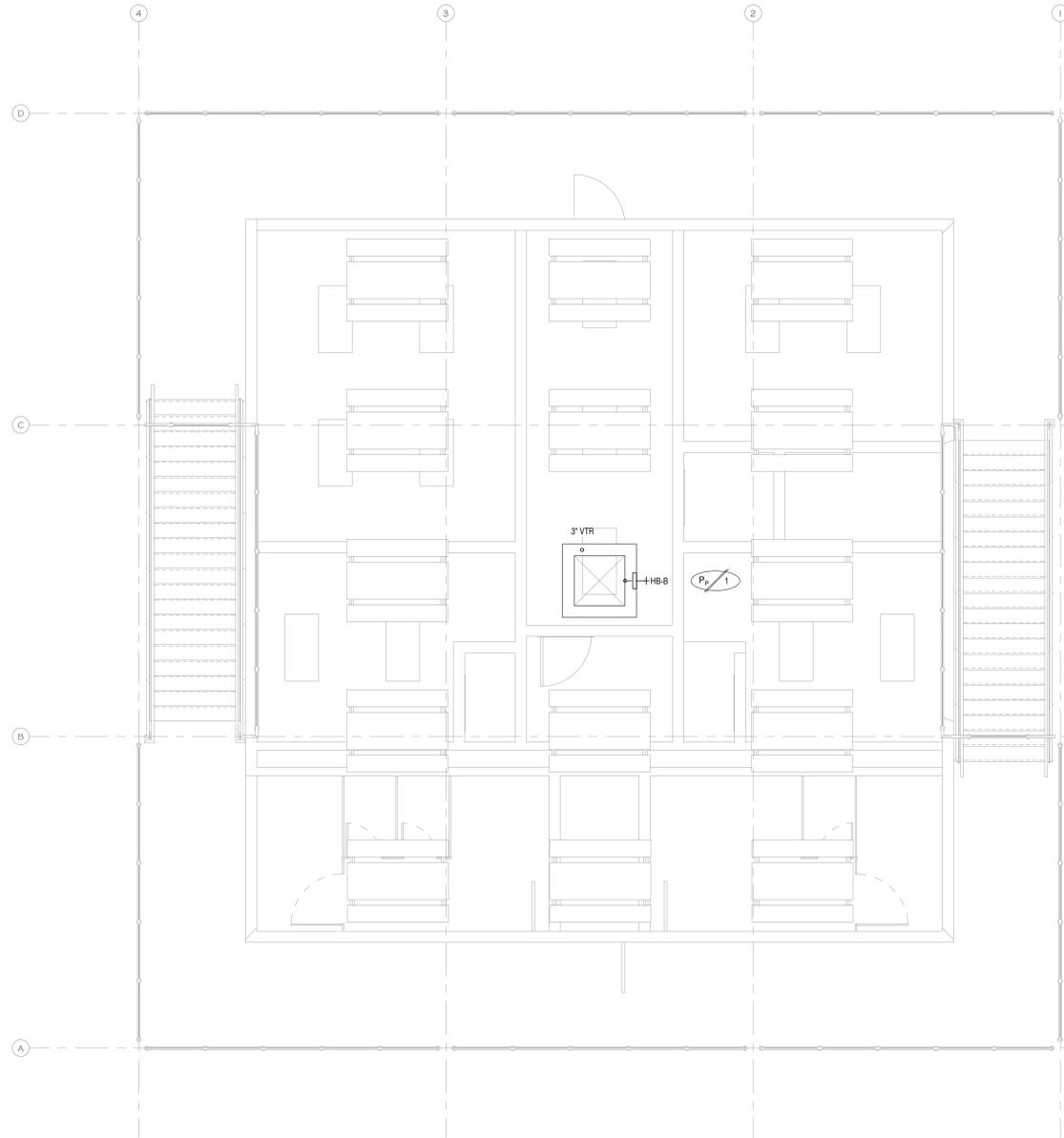
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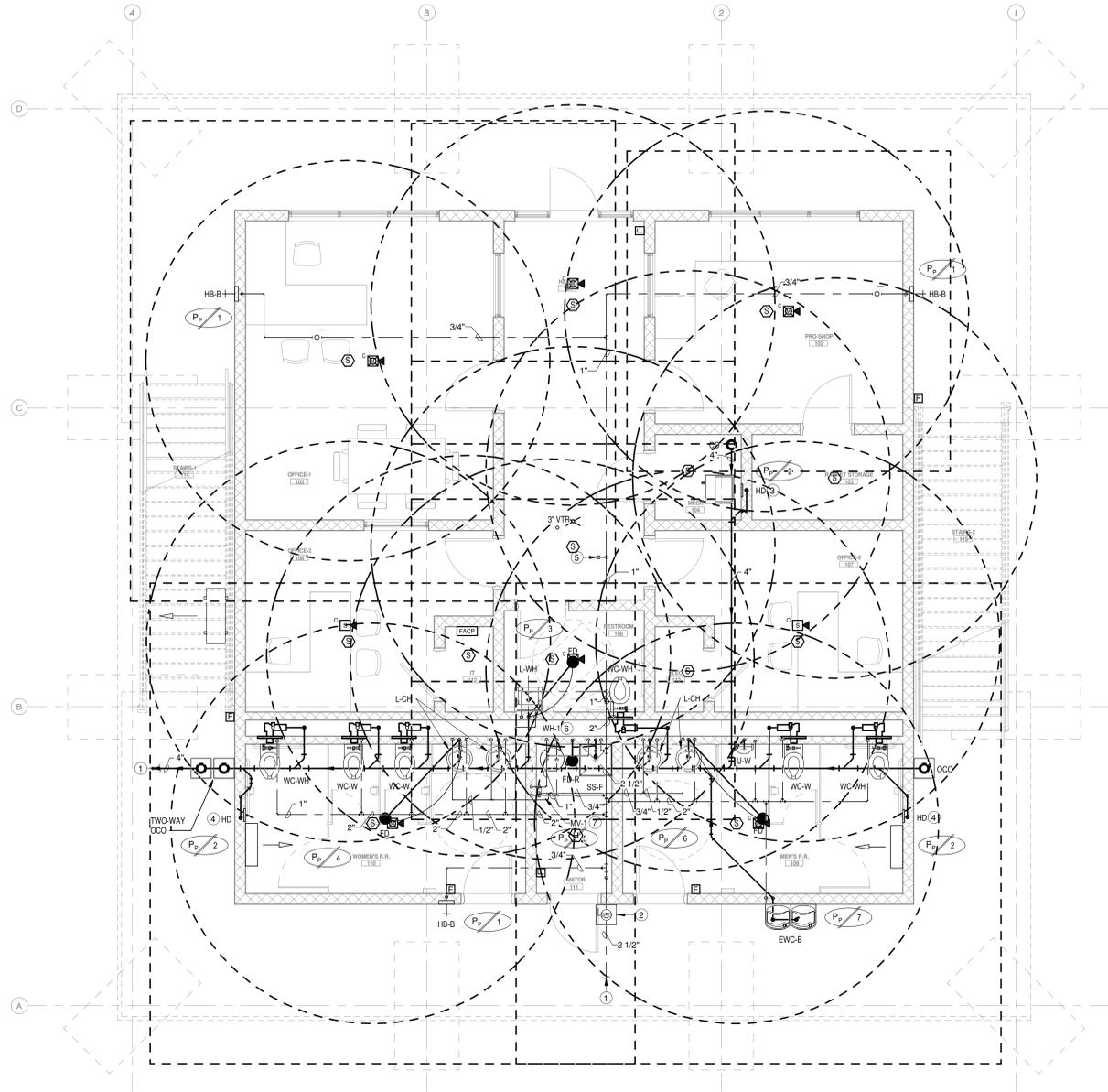
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A NEW RACKET CENTER / OBSERVATION DECK FOR
ST JULIEN RECREATIONAL FACILITY
701 ST. NAZAIRE ROAD, BROUSSARD, LA 70518



2 Plumbing Plan - Pro Shop Second Floor Plan
1/4" = 1'-0"



Plumbing Plan - Pro Shop First Floor
1/4" = 1'-0"

PLUMBING NOTES

- 1 REFER TO SHEET P1.0 FOR CONTINUATION.
- 2 2 1/2" VALVE IN CAST IRON VALVE BOX MARKED "WATER" ON COVER.
- 3 HUB DRAIN WITHIN WALL WITH METAL ACCESS PANEL IN WALL TO ACCESS INDIRECT TERMINATION OF A/C CONDENSATE DRAIN LINE AT THE HUB DRAIN. P-TRAP LOCATED BELOW GRADE.
- 4 HUB DRAIN AND INSULATED P-TRAP WITHIN WALL WITH METAL ACCESS PANEL IN WALL TO ACCESS INDIRECT TERMINATION OF A/C CONDENSATE DRAIN LINE AT THE HUB DRAIN.
- 5 ROUTE 3/4" DOMESTIC COLD WATER LINE UP TO OBSERVATION DECK TO SERVE HOSE BIBB, REFER TO SHEET 2/P3.0 FOR CONTINUATION.
- 6 ELECTRIC WATER HEATER ON FINISHED FLOOR. TERMINATE RELIEF LINE TO FLOOR DRAIN 36" A.F.F. WITH 90° ELBOW TURNED DOWN. ROUTE RELIEF LINE TO FLOOR DRAIN.
- 7 MIXING VALVE MOUNTED BELOW CEILING ADJACENT TO WATER HEATER.



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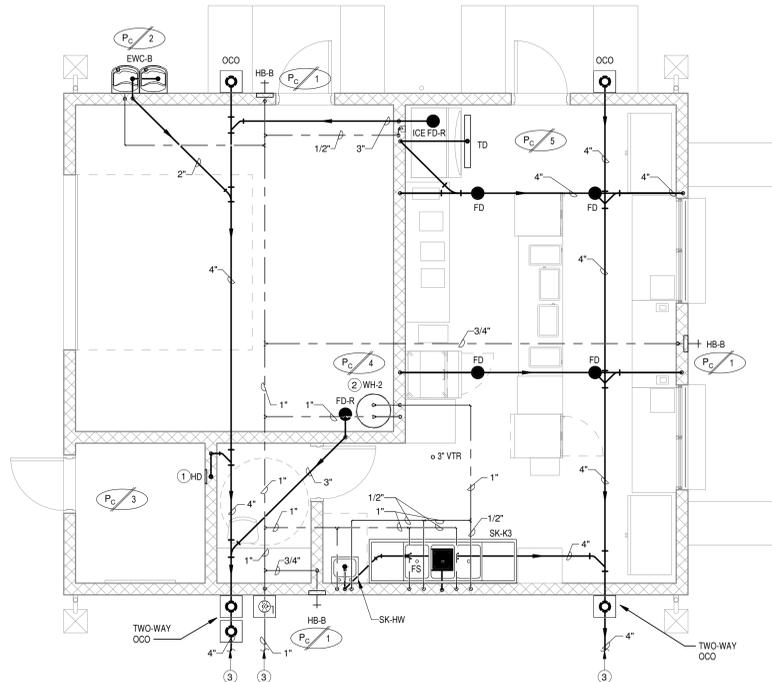
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PLUMBING NOTES

- 1 HUB DRAIN AND INSULATED P-TRAP WITHIN WALL WITH METAL ACCESS PANEL IN WALL TO ACCESS INDIRECT TERMINATION OF A/C CONDENSATE DRAIN LINE AT THE HUB DRAIN.
- 2 ELECTRIC WATER HEATER ON FINISHED FLOOR. TERMINATE RELIEF LINE TO FLOOR DRAIN 16" A.F.F. WITH 90° ELBOW TURNED DOWN. ROUTE RELIEF LINE TO FLOOR DRAIN.
- 3 REFER TO SHEET P1.0 FOR CONTINUATION.



Plumbing Plan - Concessions

1/4" = 1'-0"

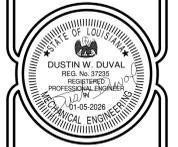


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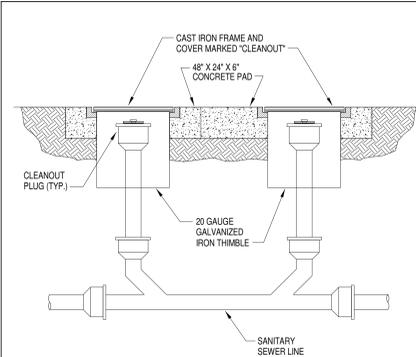


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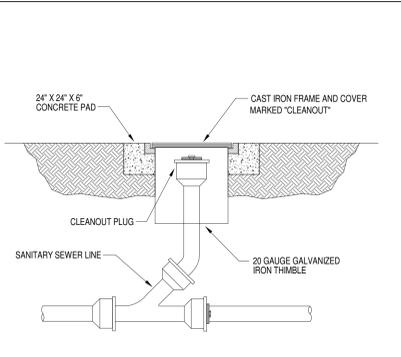
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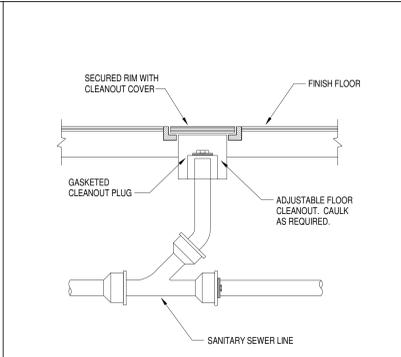
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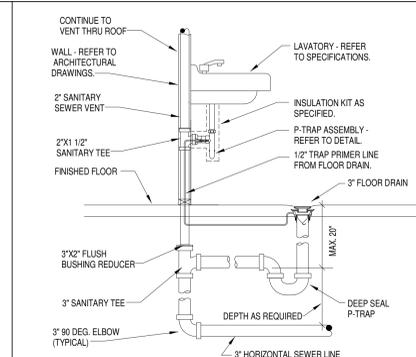
1 TWO-WAY OUTSIDE CLEANOUT
NO SCALE



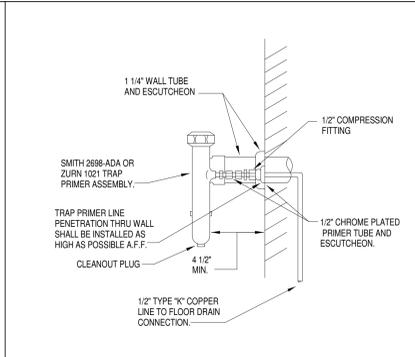
2 OUTSIDE CLEANOUT
NO SCALE



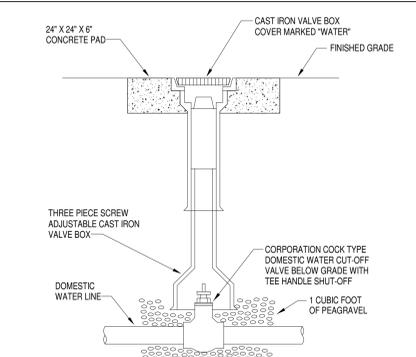
3 FLOOR CLEANOUT
NO SCALE



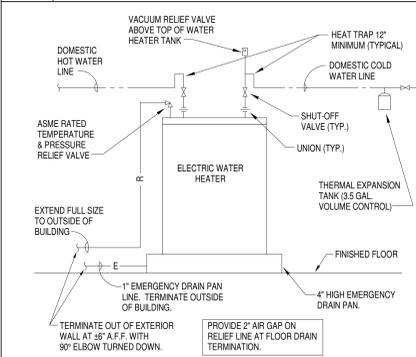
4 FLOOR DRAIN TRAP PRIMER
NO SCALE



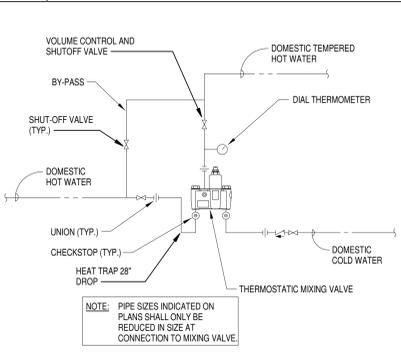
5 TRAP PRIMER
NO SCALE



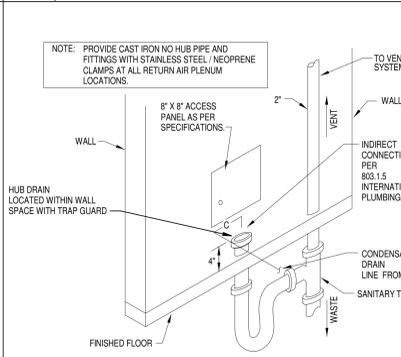
6 WATER VALVE BOX
NO SCALE



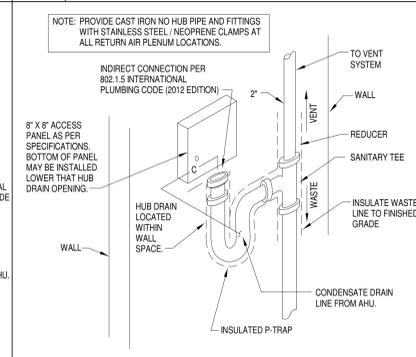
7 WATER HEATER PIPING
NO SCALE



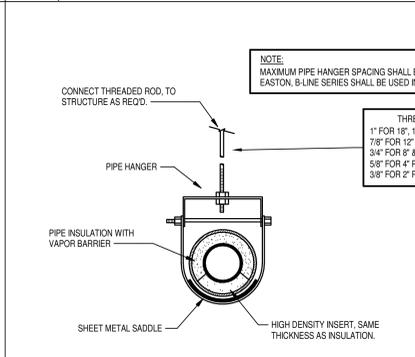
8 THERMOSTATIC MIXING VALVE
NO SCALE



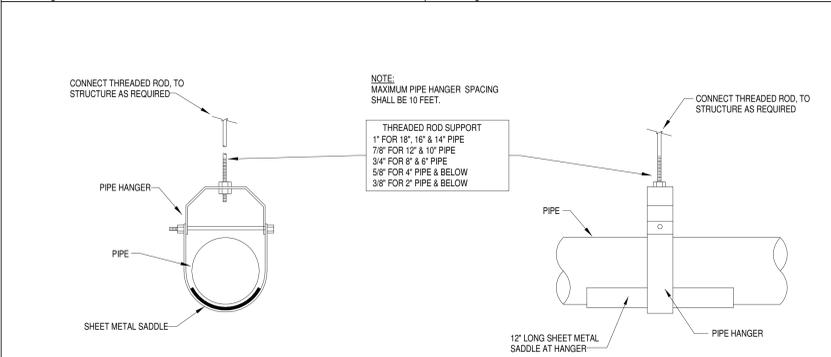
9 IN WALL HUB DRAIN
NO SCALE



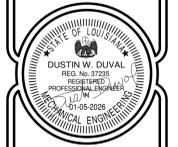
10 CONCEALED HUB DRAIN
NO SCALE



11 INSULATED PIPE HANGERS
NO SCALE



12 NON-INSULATED PIPE HANGER
NO SCALE



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DEFINE

MECHANICAL ABBREVIATIONS

AD	ACCESS DOOR	HWS	HEATING HOT WATER SUPPLY
ADA	AMERICANS WITH DISABILITIES ACT	HWR	HEATING HOT WATER RETURN
AFF	ABOVE FINISHED FLOOR	KH	KITCHEN HOOD
AHU	AIR HANDLING UNIT	KW	KILOWATT
APD	AIR PRESSURE DROP	LAT	LEAVING AIR TEMPERATURE
BOD	BOTTOM OF DUCT	LWT	LEAVING WATER TEMPERATURE
BOP	BOTTOM OF PIPE	MBH	1000 BRITISH THERMAL UNITS PER HOUR
BTUH	BRITISH THERMAL UNITS PER HOUR	MVD	MANUAL VOLUME DAMPER
C	CONDENSATE	N.O.	NORMALLY OPEN
CFM	CUBIC FEET PER MINUTE	N.C.	NORMALLY CLOSED
CT	CHILLER	NTS	NOT TO SCALE
CHS	CHILLED WATER SUPPLY	NC	NOISE CRITERIA
CHR	CHILLED WATER RETURN	OA	OUTSIDE AIR
COP	COEFFICIENT OF PERFORMANCE	OBD	OPPOSED BLADE DAMPER
CT	COOLING TOWER	PD	PRESSURE DROP
CU	CONDENSING UNIT	PHWR	PLANT HEATING HOT WATER RETURN
CV	CONSTANT VOLUME	PHWS	PLANT HEATING HOT WATER SUPPLY
CS	CONDENSER WATER SUPPLY	PRV	PRESSURE REDUCING VALVE
CR	CONDENSER WATER RETURN	PSIG	POUNDS PER SQUARE INCH GAGE
DB	DRY BULB	RA	RETURN AIR
DOAS	DEDICATED 100% OUTSIDE AIR UNIT	RH	RELATIVE HUMIDITY
EA	EXHAUST AIR	RHC	REHEAT COIL
EAT	ENTERING AIR TEMPERATURE	RPM	REVOLUTIONS PER MINUTE
ECO	EXTERIOR CLEANOUT	RTU	ROOFTOP A/C UNIT
EDH	ELECTRIC DUCT HEATER	SA	SUPPLY AIR
EER	ENERGY EFFICIENCY RATIO	SD	STORM DRAIN
EF	EXHAUST FAN	SEER	SEASONAL ENERGY EFFICIENCY RATIO
EMS	ENERGY MANAGEMENT SYSTEM	SF	SUPPLY FAN
ESP	EXTERNAL STATIC PRESSURE	SP	STATIC PRESSURE
EUH	ELECTRIC UNIT HEATER	SWR	SIDE WALL REGISTER
EWG	ELECTRIC WATER COOLER	TSP	TOTAL STATIC PRESSURE
EWH	ELECTRIC WATER HEATER	TYP	TYPICAL
EWT	ENTERING WATER TEMPERATURE	UNO	UNLESS NOTED OTHERWISE
F	FAHRENHEIT	VAV	VARIABLE AIR VOLUME
FCO	FLOOR CLEANOUT	VFD	VARIABLE FREQUENCY DRIVE
FD	FLOOR DRAIN	VRF	VARIABLE REFRIGERANT FLOW
FLA	FULL LOAD AMPS	WB	WET BULB
FFE	FINISHED FLOOR ELEVATION	WG	WATER GAGE
FPI	FINS PER INCH	WPD	WATER PRESSURE DROP
HP	HORSEPOWER		

DESIGN

MECHANICAL LEGEND

GRILLES, REGISTERS, DIFFUSERS, AND LOUVERS				EQUIPMENT			
EXISTING	DEMO	NEW	DESCRIPTION	EXISTING	DEMO	NEW	DESCRIPTION
		A100	GRILLE DESIGNATION AND CFM				MECHANICAL EQUIPMENT. REFER TO SCHEDULES
			SURFACE MOUNT				IONIZATION UNIT
			LAY-IN SUPPLY CEILING DIFFUSER				SMOKE DETECTOR
			SUPPLY WALL DIFFUSER				MANUAL PULL STATION
DUCTWORK				CONTROLS			
EXISTING	DEMO	NEW	DESCRIPTION	EXISTING	DEMO	NEW	DESCRIPTION
			LINEAR SLOT DIFFUSER				THERMOSTAT
			RETURN/EXHAUST CEILING GRILLE				HUMIDISTAT
			RETURN/EXHAUST WALL GRILLE				SENSOR
			EXHAUST LOUVER				STATIC PRESSURE SENSOR
			EXHAUST WALL CAP				REMOTE TEMPERATURE SENSOR
			GRAVITY RELIEF HOOD				WALL SWITCH
			INTAKE LOUVER				CONTROL WIRING
			INTAKE WALL CAP				
			GRAVITY INTAKE HOOD				
EXISTING	DEMO	NEW	DESCRIPTION				
			RECTANGULAR DUCTWORK. REFER TO PLANS FOR SIZE.				
			ROUND DUCTWORK. REFER TO PLANS FOR SIZE.				
			ROUND DUCTWORK DROP/RISE.				
			DUCT DROP/RISE				
EXISTING	DEMO	NEW	DESCRIPTION				
			CHILLED WATER SUPPLY PIPING				
			CHILLED WATER RETURN PIPING				
			HOT WATER SUPPLY PIPING				
			HOT WATER RETURN PIPING				
			CONDENSER WATER SUPPLY PIPING				
			CONDENSER WATER RETURN PIPING				
EXISTING	DEMO	NEW	DESCRIPTION				
			BALANCING DAMPER				
			MOTORIZED DAMPER				
			FIRE DAMPER				
			SMOKE DAMPER				
			FIRE & SMOKE DAMPER				

NOTES: 1. EXISTING ITEMS ON DEMO PLANS ARE "EXISTING TO REMAIN" UNLESS NOTED "EXISTING TO BE RELOCATED".
 2. ITEMS ON NEW CONSTRUCTION PLANS ARE NEW UNLESS NOTED "RELOCATED FROM PREVIOUS LOCATION".
 3. REFER TO SCHEDULES FOR GRILLE, REGISTER, DIFFUSER, AND LOUVER SIZES.
 4. REFER TO DRAWINGS FOR DIRECTION OF AIRFLOW FOR DIFFUSERS. IF DIRECTIONAL ARROWS ARE NOT INCLUDED, AIRFLOW IS IN FOUR DIRECTIONS. (4-WAY GRILLE)
 5. WALL MOUNTED CONTROL DEVICES SHALL BE MOUNTED AT 48" A.F.F.
 6. NOT ALL ITEMS SHOWN ON THIS LIST MAY BE APPLICABLE TO THIS PROJECT.

DELIVER

MECHANICAL GENERAL NOTES

- CONTRACTOR SHALL VISIT THE SITE AND DETERMINE THE EXTENT OF DEMOLITION WORK AND NEW WORK NEEDED FOR THIS PROJECT. PRIOR TO SUBMITTING BID.
- CONTRACTOR SHALL BECOME FAMILIAR WITH THE PROJECT SCOPE, CONSTRAINTS, UTILITY CONNECTIONS, AND BUILDING SERVICES. PRIOR TO SUBMITTING BID.
- CONTRACTOR SHALL GIVE FIRST RIGHT TO REFUSAL OF SALVAGE TO THE OWNER. IF THE OWNER ELECTS TO NOT KEEP SALVAGE, CONTRACTOR SHALL REMOVE SALVAGE BY LAWFUL MEANS.
- DRAWINGS ARE SCHEMATIC AND DIAGRAMMATIC IN NATURE. DRAWINGS SHALL NOT BE SCALED. COORDINATE ROUTING OF SERVICES WITH SITE CONDITIONS AND WITH WORK OF OTHER TRADES.
- FIELD VERIFY DIMENSIONS PRIOR TO ORDERING, FABRICATING, AND ERECTION OF MATERIAL AND/OR EQUIPMENT. NOTIFY THE ENGINEER OF DISCREPANCIES IN A TIMELY MANNER.
- VERIFY CLEARANCE REQUIREMENTS AND ROUTING OF DUCTWORK AND PIPING PRIOR TO FABRICATION, AS MINOR MODIFICATIONS SUCH AS DUCT AND/OR PIPING RISES AND DROP MAY BE REQUIRED DUE TO FIELD CONDITIONS. MAKE MINOR MODIFICATIONS TO THE BUILDING, PIPING, SPRINKLER, DUCTWORK, ELECTRICAL, ETC. AS SHOWN ON THE DRAWINGS OR REQUIRED TO COMPLETE THE INSTALLATION OF A COMPLETED WORKABLE SYSTEM.
- MAINTAIN WEATHER-TIGHT BARRIERS TO PREVENT DAMAGE FROM THE ELEMENTS DURING DEMOLITION AND NEW CONSTRUCTION PERIOD.
- SEAL PENETRATIONS THROUGH THE BUILDING ENVELOPE.
- PENETRATIONS THROUGH RATED WALLS, FLOORS, PARTITIONS AND ASSEMBLIES SHALL BE INSTALLED AND FIRESAFED TO MEET UL FIRE RESISTANCE LISTING AND NFPA REQUIREMENTS FOR THE PENETRATION.
- COORDINATE DEVICES REQUIRING ACCESS PANELS WITH THE ARCHITECT AND OTHER TRADES.
- MAINTAIN MINIMUM CLEARANCE 10'-0" BETWEEN OUTSIDE INTAKES AND EXHAUST OUTLETS AND PLUMBING VENTS.
- COORDINATE FINAL LOCATIONS AND ELEVATIONS WITH THE ARCHITECT PRIOR TO INSTALLATION.
- COORDINATE FINAL FINISH COLORS OF MATERIALS, DEVICES, DIFFUSER, GRILLES, LOUVERS, AND/OR EQUIPMENT WITH THE ARCHITECT PRIOR TO ORDERING, FABRICATION AND INSTALLATION.
- SCHEDULE UTILITY SERVICES SHUTDOWNS WITH OWNER AND ARCHITECT. MINIMIZE DISRUPTIONS AND DOWNTIME TO THE OWNER.
- INSTALL DEVICES AND EQUIPMENT TO MEET ADA REQUIREMENTS.
- ROUTE DUCT AND PIPING CONCEALED IN INTERSTITIAL SPACE UNLESS NOTED OTHERWISE.
- DOCUMENT LOCATIONS OF DEVICES, DUCT, PIPING, AND EQUIPMENT ON "AS-BUILT" RECORD DRAWINGS AS PER THE SPECIFICATIONS.
- PAY FOR SERVICE, DEPOSITS, INSPECTION, AND CONNECTION FEES REQUIRED FOR A COMPLETE INSTALLATION. COORDINATE WITH THE UTILITY SERVICE PROVIDER FOR THE REQUIREMENTS NEEDED FOR THIS PROJECT.
- HVAC SYSTEMS SHALL BE CONSTRUCTED IN ACCORDANCE WITH NFPA 90A AND NFPA 101.
- WORK SHOWN IN THE DRAWINGS SHALL COMPLY WITH APPLICABLE NATIONAL, STATE, AND LOCAL ORDINANCES AND CODES.

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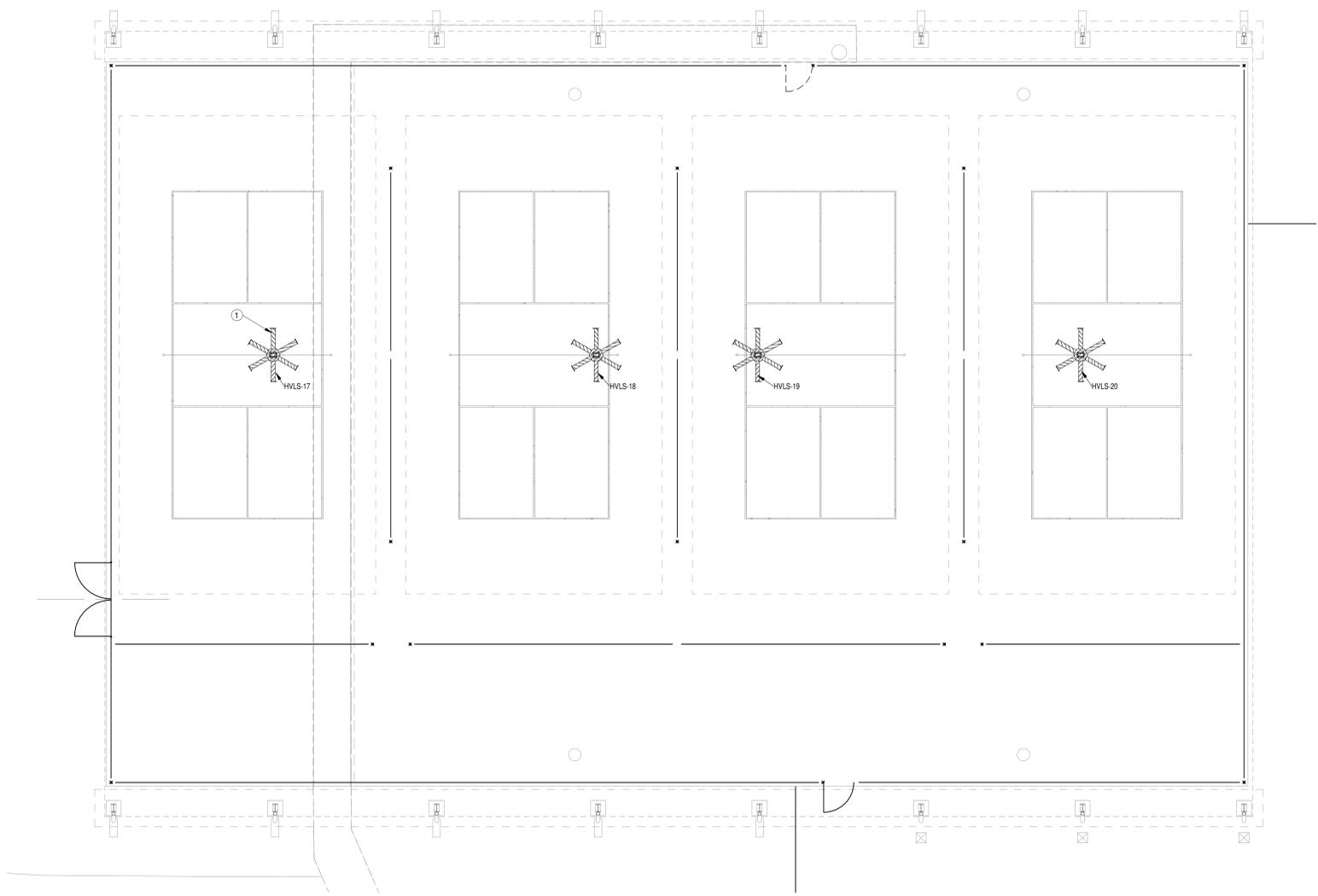


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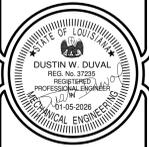
MECHANICAL PLAN - PAVILION A
 1/8" = 1'-0" Refer to Architectural Drawings for All Dimensions

MECHANICAL NOTES	
1	MOUNT HVLS TO I-BEAM WITH BOTTOM 22'-0" AFF. (TYPICAL)


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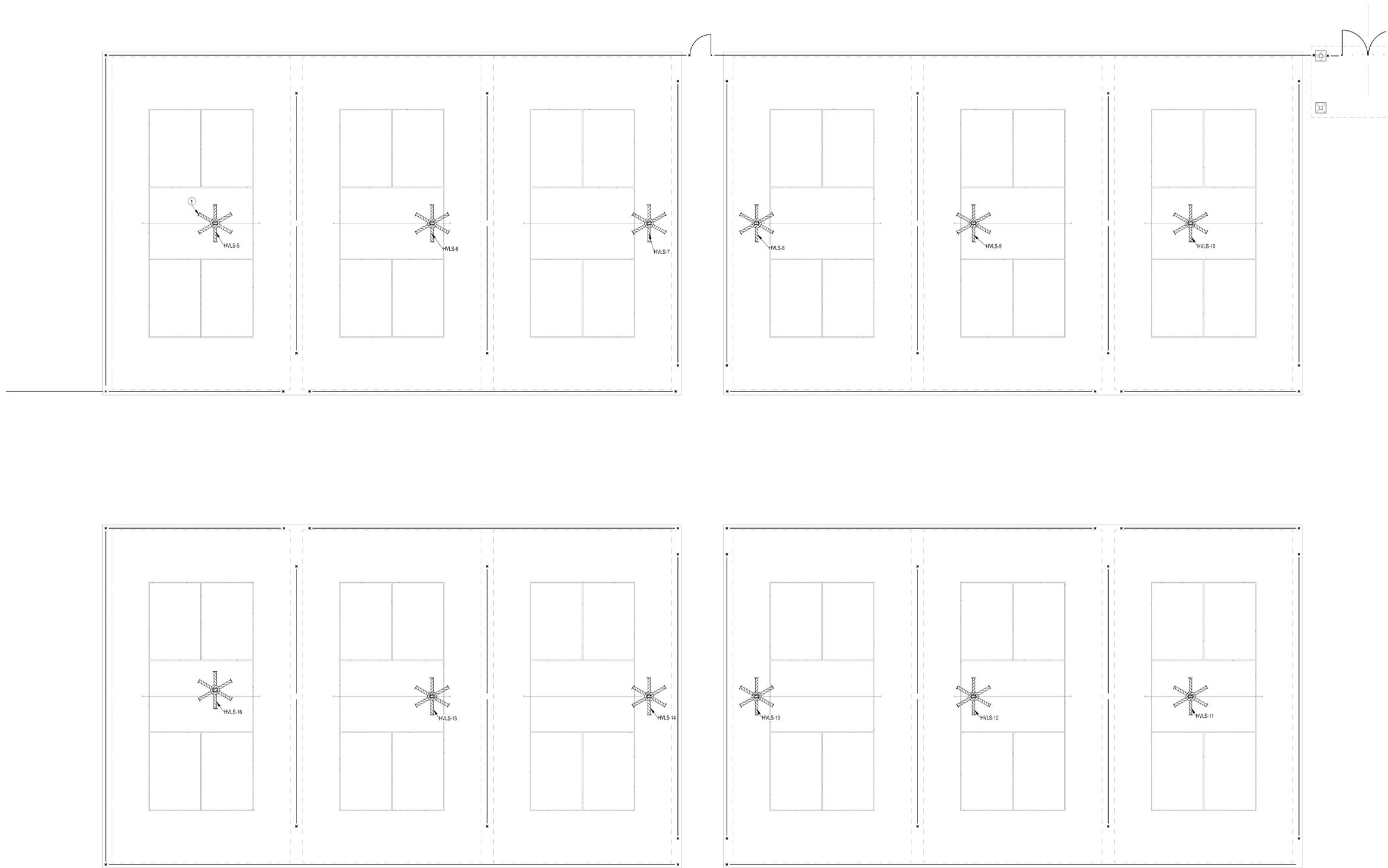
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MECHANICAL PLAN - PAVILION B

1/8" = 1'-0" Refer to Architectural Drawings for All Dimensions



MECHANICAL NOTES

- 1 MOUNT HVLS TO I-BEAM WITH BOTTOM 22'-0" AFF. (TYPICAL)



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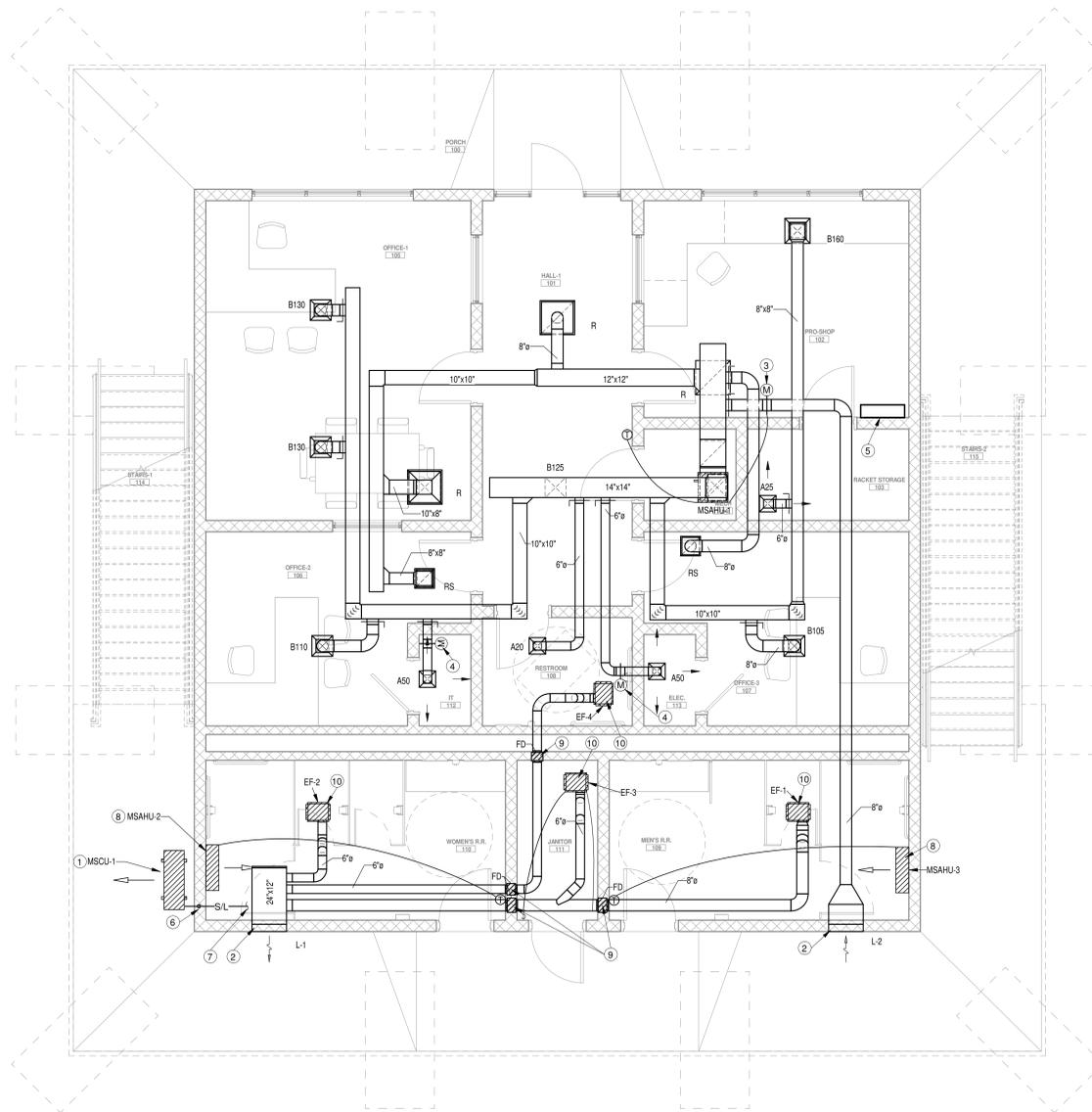
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- MECHANICAL NOTES**
- CONDENSING UNIT MOUNTED ON CONCRETE BELOW STAIRCASE. CONTRACTOR TO COORDINATE EXACT LOCATION WITH LATEST ARCHITECTURAL SET PRIOR TO INSTALLATION.
 - MOUNT LOUVER WITH CENTER LINE AT 10'-0" AFF.
 - 24V G.A. MOTORIZED DAMPER SHALL BE INTERLOCKED WITH RESPECTIVE UNIT TO OPEN WHEN THE A/C UNITS COMPRESSOR OR HEATING STRIP IS ENERGIZED(ON), AND SHALL CLOSE WHEN THE UNITS COMPRESSOR AND HEATING STRIP IS DE-ENERGIZED(OFF). PROVIDE ALL NECESSARY RELAYS, SWITCHES, TRANSFORMER, ETC. AS REQUIRED.
 - 24V G.A. MOTORIZED DAMPER SHALL BE INTERLOCKED WITH RESPECTIVE UNIT TO CLOSE WHEN THE A/C UNITS COMPRESSOR OR HEATING STRIP IS ENERGIZED(ON), AND SHALL OPEN WHEN THE UNITS COMPRESSOR AND HEATING STRIP IS DE-ENERGIZED(OFF). PROVIDE ALL NECESSARY RELAYS, SWITCHES, TRANSFORMERS, ETC. AS REQUIRED.
 - PROVIDE EPIC FANS IF AN 7.0 NETWORK CONTROLLER. CONTROLLER SHALL OPERATE HVLS FANS 1-20. PROVIDE WIRELESS OPTION.
 - PROVIDE A WALL MOUNTED OUTLET FOR REFRIGERANT PIPING THROUGH THE EXTERIOR WALL. REFER TO DETAIL FOR ADDITIONAL INFORMATION.
 - EXTEND REFRIGERANT PIPING TO RESPECTIVE AIR HANDLING UNIT.
 - MOUNT MINI SPLIT AIR HANDLING UNIT WITH BOTTOM AT 7'-3" AFF.
 - FIRE DAMPER IN DUCT AT WALL PENETRATION.
 - CEILING MOUNTED EXHAUST FAN. EXTEND INSULATED EXHAUST DUCT FROM FAN TO LOUVER.

MECHANICAL PLAN - 1ST FLOOR PRO SHOP

1/4" = 1'-0"



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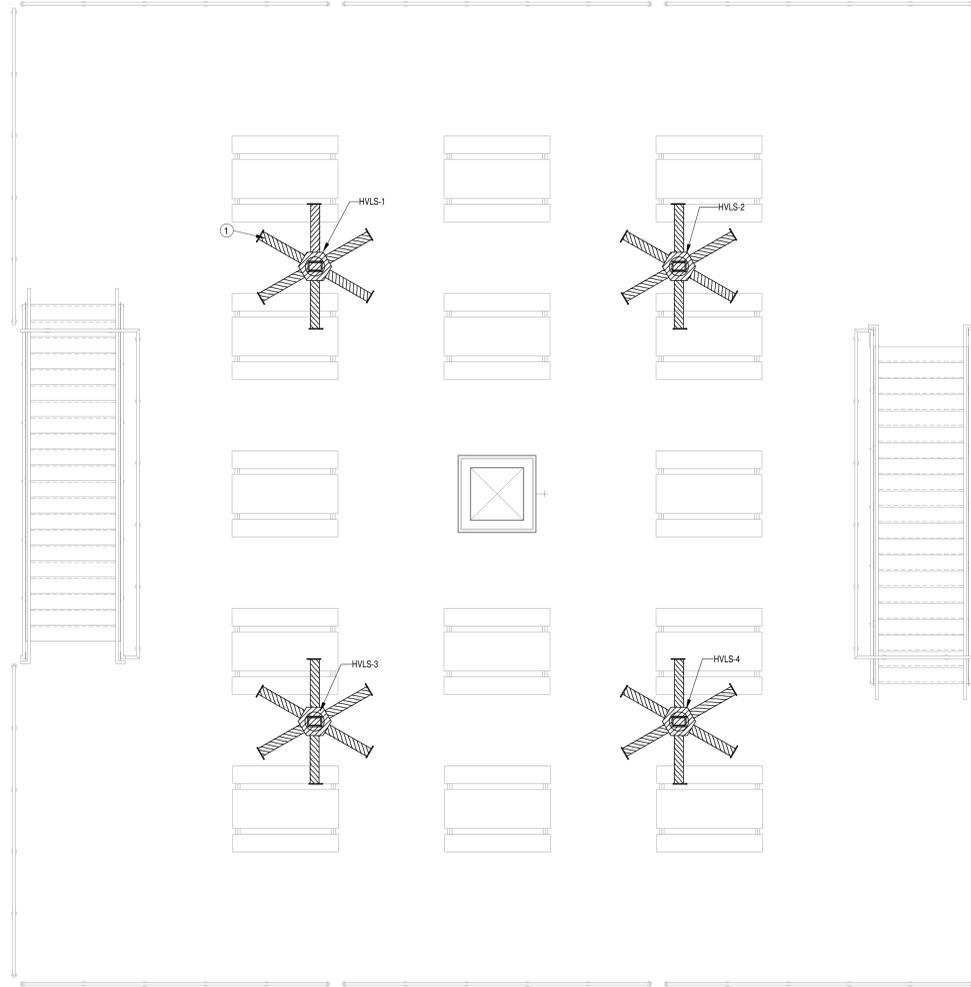
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MECHANICAL PLAN - 2ND FLOOR PRO SHOP

1/4" = 1'-0"



MECHANICAL NOTES

- 1 MOUNT HVLS FANS TO THE CEILING. CONFIRM CEILING HEIGHT WITH LATEST ARCHITECTURAL SET PRIOR TO CONSTRUCTION (TYPICAL).



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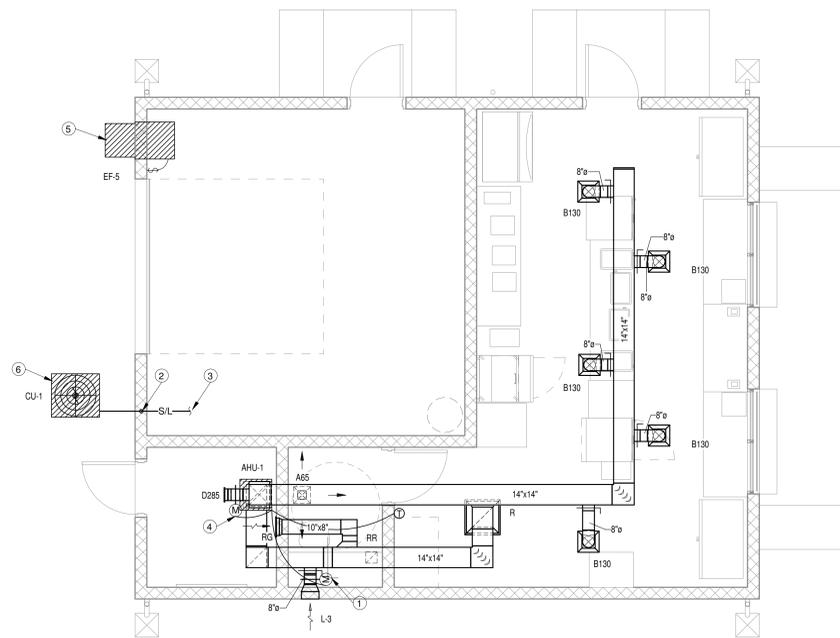
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MECHANICAL PLAN - CONCESSIONS

1/4" = 1'-0"



MECHANICAL NOTES

- 1 24V O.A. MOTORIZED DAMPER SHALL BE INTERLOCKED WITH RESPECTIVE UNIT TO OPEN WHEN THE A/C UNITS COMPRESSOR OR HEATING STRIP IS ENTERGIZED(ON), AND SHALL CLOSE WHEN THE UNITS COMPRESSOR AND HEATING STRIP IS DE-ENTERGIZED(OFF). PROVIDE ALL NECESSARY RELAYS, SWITCHES, TRANSFORMER, ETC. AS REQUIRED.
- 2 PROVIDE A WALL MOUNTED OUTLET FOR REFRIGERANT PIPING THROUGH THE EXTERIOR WALL. REFER TO DETAIL FOR ADDITIONAL INFORMATION.
- 3 EXTEND REFRIGERANT PIPING TO RESPECTIVE AIR HANDLING UNIT.
- 4 24V O.A. MOTORIZED DAMPER SHALL BE INTERLOCKED WITH RESPECTIVE UNIT TO CLOSE WHEN THE A/C UNITS COMPRESSOR OR HEATING STRIP IS ENTERGIZED(ON), AND SHALL OPEN WHEN THE UNITS COMPRESSOR AND HEATING STRIP IS DE-ENTERGIZED(OFF). PROVIDE ALL NECESSARY RELAYS, SWITCHES, TRANSFORMERS, ETC. AS REQUIRED.
- 5 MOUNT EXHAUST FAN WITH BOTTOM AT 8'-6" AFF.
- 6 4" THICK REINFORCED CONCRETE HOUSE KEEPING PAD.



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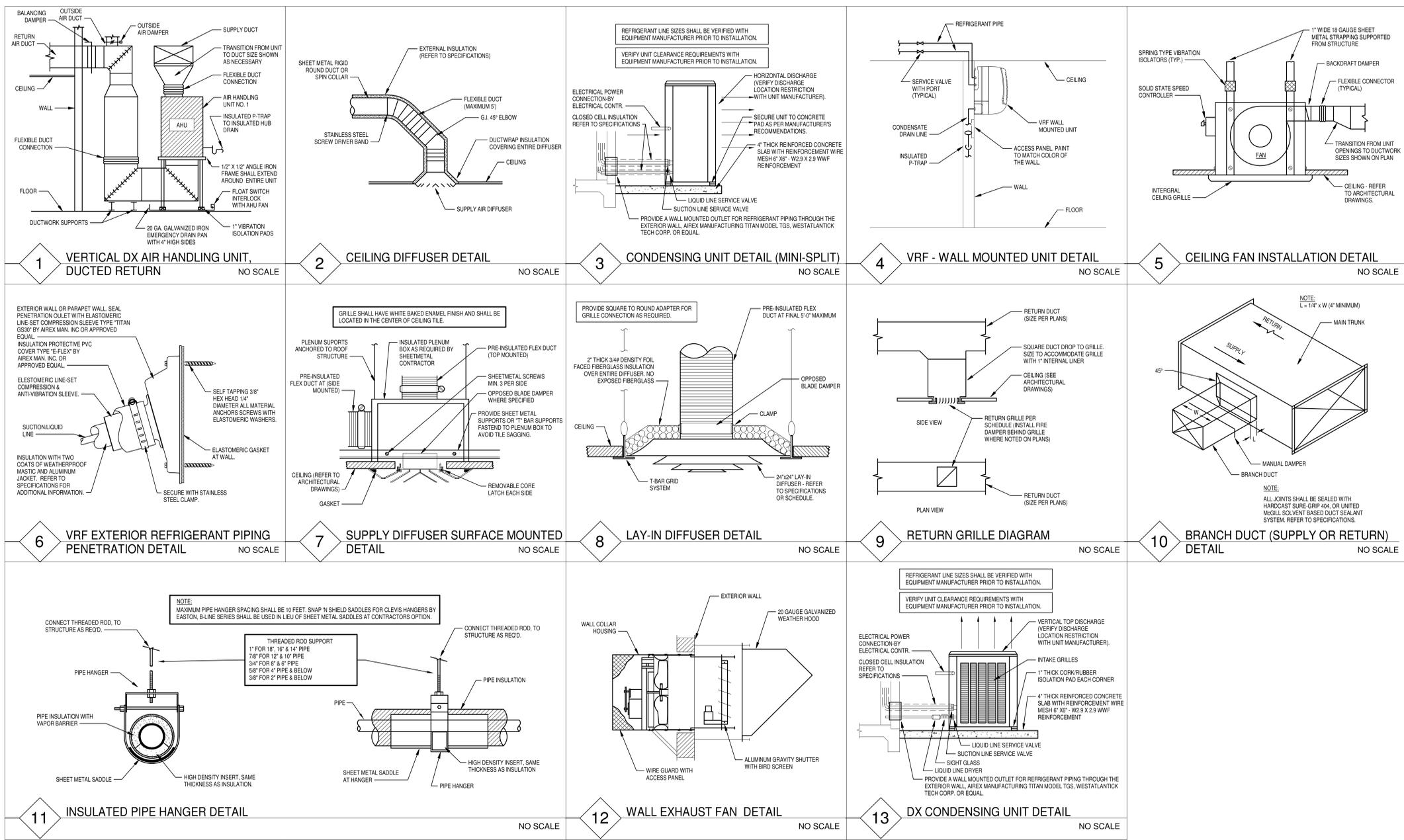


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DUCTLESS DX MINI-SPLIT - INDOOR UNIT SCHEDULE												
UNIT NO.	SERVICE	FAN CFM		FAN UNIT MCA	VOLTAGE	PHASE	COOLING			HEATING		BASIS OF DESIGN
		HIGH	LOW				AMB. TEMP.	DB	WB	MIN. BTU/H OUTPUT	AMB. TEMP. (°F)	
MSAHU-1	PRO SHOP	910	767	4.13	208	1	95	80	67	37000	47	MITSUBISHI CITY MULTI SVZ-AP36NL
MSAHU-2	WOMEN'S RR	420	177	1.00	208	1	95	80	67	7200	47	MITSUBISHI CITY MULTI MSZ-FX06NL
MSAHU-3	MEN'S RR	420	177	1.00	208	1	95	80	67	7200	47	MITSUBISHI CITY MULTI MSZ-FX06NL

- NOTES:
- UNIT SHALL BE PROVIDED WITH HARD WIRED REMOTE CONTROLLERS. CONTROLLERS SHALL BE ABLE OF SENSING TEMPERATURE.
 - MSAHU-1 SHALL HAVE AN AIR IONIZATION DEVICE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS IN EXISTING AIR HANDLING UNIT. REFER TO SPECIFICATIONS FOR DEVICE TYPES AND MOUNTING LOCATION.
 - WALL MOUNTED UNITS SHALL BE MOUNTED WITH TOP OF UNIT ±1'-0" BELOW CEILING.
 - REFRIGERANT SHALL BE R-454B.
 - WALL MOUNTED UNITS SHALL BE PROVIDED WITH LIFE LONG FILTER WITHIN THE UNIT.
 - PROVIDE ONE (1) SPARE LIFE LONG FILTER TO OWNER FOR EACH UNIT THAT HAS A LIFE LONG FILTER.
 - CONTRACTOR SHALL REMOVE THE PLASTIC CONDENSATE HOSE CLAMP (AT UNIT CONNECTION) ON EACH INDOOR UNIT. FURNISH AND INSTALL A STAINLESS STEEL HOSE CLAMP ON THE CONDENSATE DRAIN HOSE (AT UNIT CONNECTION) ON EACH INDOOR UNIT. THE STAINLESS STEEL HOSE CLAMP SHALL BE APPROPRIATELY SIZED TO CREATE A WATER TIGHT SEAL.
 - INDOOR UNIT RECEIVES POWER FROM THE OUTDOOR UNIT. INSTALL UNIT AS PER MANUFACTURER'S REQUIREMENTS.
 - UNIT SHALL BE ADJUSTED TO CYCLE ON/OFF WITH CALL FOR LOAD.

DUCTLESS DX MINI-SPLIT - OUTDOOR UNIT SCHEDULE									
UNIT NO.	SERVICE	MIN. BTU/H OUTPUT	AMB. TEMP. (°F)	VOLTAGE	PHASE	MCA	S.E.E.R.2	BASIS OF DESIGN	
MSCU-1	MSAHU-1,2,&3	48000	95	208	1	36.0	17	MITSUBISHI M-SERIES MXZ-SM48NL	

- NOTES:
- OUTDOOR UNIT PROVIDES POWER TO THE INDOOR UNIT. INSTALL UNIT AS PER MANUFACTURER'S REQUIREMENTS.
 - INSTALL ON ISOLATION PADS BETWEEN UNIT AND CONCRETE AT MOUNTING POINTS AND ANCHOR TO CONCRETE PAD.
 - PROVIDE A WALL MOUNTED OUTLET FOR EACH REFRIGERANT PIPING SET THROUGH THE EXTERIOR WALL. AIREX MANUFACTURING TITAN MODEL T68, WEST ATLANTIC TECH CORP. OR EQUAL.

HVLS FAN SCHEDULE												
UNIT NO.	SERVICE	FAN DIAMETER	MAX RPM	FLA/FUSE	DRIVE	VOLTAGE	PHASE	MOUNTING HEIGHT	CONTROL	WEIGHT	MANUFACTURER	MODEL
HVLS-1	OBSERVATION DECK	6'-0"	180	3.3A	DIRECT	115V	1	17'-6"	WALL SWITCH	50 LBS	EPIC FANS	ECF06-05
HVLS-2	OBSERVATION DECK	6'-0"	180	3.3A	DIRECT	115V	1	17'-6"	WALL SWITCH	50 LBS	EPIC FANS	ECF06-05
HVLS-3	OBSERVATION DECK	6'-0"	180	3.3A	DIRECT	115V	1	17'-6"	WALL SWITCH	50 LBS	EPIC FANS	ECF06-05
HVLS-4	OBSERVATION DECK	6'-0"	180	3.3A	DIRECT	115V	1	17'-6"	WALL SWITCH	50 LBS	EPIC FANS	ECF06-05
HVLS-5	PICKLEBALL COURT #5	8'-0"	155	3.3A	DIRECT	115V	1	22	WALL SWITCH	54 LBS	EPIC FANS	ECF08-05
HVLS-6	PICKLEBALL COURT #7	8'-0"	155	3.3A	DIRECT	115V	1	22	WALL SWITCH	54 LBS	EPIC FANS	ECF08-05
HVLS-7	PICKLEBALL COURT #9	8'-0"	155	3.3A	DIRECT	115V	1	22	WALL SWITCH	54 LBS	EPIC FANS	ECF08-05
HVLS-8	PICKLEBALL COURT #11	8'-0"	155	3.3A	DIRECT	115V	1	22	WALL SWITCH	54 LBS	EPIC FANS	ECF08-05
HVLS-9	PICKLEBALL COURT #13	8'-0"	155	3.3A	DIRECT	115V	1	22	WALL SWITCH	54 LBS	EPIC FANS	ECF08-05
HVLS-10	PICKLEBALL COURT #15	8'-0"	155	3.3A	DIRECT	115V	1	22	WALL SWITCH	54 LBS	EPIC FANS	ECF08-05
HVLS-11	PICKLEBALL COURT #16	8'-0"	155	3.3A	DIRECT	115V	1	22	WALL SWITCH	54 LBS	EPIC FANS	ECF08-05
HVLS-12	PICKLEBALL COURT #14	8'-0"	155	3.3A	DIRECT	115V	1	22	WALL SWITCH	54 LBS	EPIC FANS	ECF08-05
HVLS-13	PICKLEBALL COURT #12	8'-0"	155	3.3A	DIRECT	115V	1	22	WALL SWITCH	54 LBS	EPIC FANS	ECF08-05
HVLS-14	PICKLEBALL COURT #10	8'-0"	155	3.3A	DIRECT	115V	1	22	WALL SWITCH	54 LBS	EPIC FANS	ECF08-05
HVLS-15	PICKLEBALL COURT #8	8'-0"	155	3.3A	DIRECT	115V	1	22	WALL SWITCH	54 LBS	EPIC FANS	ECF08-05
HVLS-16	PICKLEBALL COURT #6	8'-0"	155	3.3A	DIRECT	115V	1	22	WALL SWITCH	54 LBS	EPIC FANS	ECF08-05
HVLS-17	PICKLEBALL COURT #17	8'-0"	155	3.3A	DIRECT	115V	1	22	WALL SWITCH	54 LBS	EPIC FANS	ECF08-05
HVLS-18	PICKLEBALL COURT #19	8'-0"	155	3.3A	DIRECT	115V	1	22	WALL SWITCH	54 LBS	EPIC FANS	ECF08-05
HVLS-19	PICKLEBALL COURT #21	8'-0"	155	3.3A	DIRECT	115V	1	22	WALL SWITCH	54 LBS	EPIC FANS	ECF08-05
HVLS-20	PICKLEBALL COURT #23	8'-0"	155	3.3A	DIRECT	115V	1	22	WALL SWITCH	54 LBS	EPIC FANS	ECF08-05

- NOTES:
- FANS SHALL BE PROVIDED WITH A WALL MOUNTABLE VARIABLE SPEED CONTROLLER, AIR FOIL RETAINERS, HUB CLIPS, SAFETY CABLES, GRADE 8 BOLTS, FIRE RELAY, MOUNTING HARDWARE (COORDINATE REQUIREMENTS WITH BUILDING STRUCTURE) AND COLOR OPTIONS (VERIFY FINAL COLOR WITH ARCHITECT).
 - REFER TO ARCHITECTURAL FOR MOUNTING HEIGHTS.
 - PROVIDE SPEED CONTROLLER MOUNTED ON WALL INTERLOCKED WITH CONTROLS.
 - PROVIDE EPIC FANS IFAN 7.0 NETWORK CONTROLLER. CONTROLLER SHALL OPERATE HVLS FANS 1-20. PROVIDE WIRELESS OPTION. REFER TO MECHANICAL SHEETS FOR LOCATION.
 - HVLS FANS SHALL COME EQUIPPED WITH GUY WIRES FOR STORM PREPARATION PURPOSES.

DIFFUSER/GRILLE SCHEDULE						
SYMBOL	SIZE	SERVICE	LOCATION	FINISH	O.B.D.	BASIS OF DESIGN
A	6" X 6"	SUPPLY	CEILING	WHITE	O.B.D.	TITUS TDC-AA-6, PRICE AMD-6
B	9" X 9"	SUPPLY	CEILING	WHITE	O.B.D.	TITUS TDC-AA-6
D	8" X 8"	SUPPLY	DUCT	WHITE	O.B.D.	TITUS 272FL-1
R	22" X 22"	RETURN	CEILING	WHITE	---	TITUS 355FL-3, PRICE 635-F
RG	12" X 8"	RETURN	CEILING	WHITE	---	TITUS 355FL-1, PRICE 635-N
RR	6" X 6"	RETURN	CEILING	WHITE	---	TITUS 355FL-1, PRICE 635-N
RS	12" X 12"	RETURN	CEILING	WHITE	---	TITUS 355FL-1, PRICE 635-N

- NOTES:
- COORDINATE FINAL FINISHES AND COLOR WITH ARCHITECT.
 - REFER TO PLANS FOR DIRECTION OF AIR FLOW FOR GRILLES. IF DIRECTION IS NOT INDICATED, AIR FLOW IS IN FOUR DIRECTION (4-WAY GRILLE).
 - COORDINATE FINAL LOCATIONS WITH REFLECTIVE CEILING PLANS. REFER TO ARCHITECTURAL DRAWINGS.
 - ALL DIFFUSERS SHALL HAVE ALUMINUM CONSTRUCTION.

FAN SCHEDULE												
UNIT NO.	SERVICE	MIN. CFM	EXT. S.P.	RPM	SONES	FAN H.P.	TYPE	DRIVE	VOLTAGE	CONTROL	Manufacturer	BASIS OF DESIGN
EF-1	MEN'S RR	200	0.25	1024	4.5	85 W	CEILING	DIRECT	115	SWITCH W/LIGHTS	GREENHECK, COOK	SP-B200, GC-146
EF-2	WOMEN'S RR	200	0.25	1024	4.5	85 W	CEILING	DIRECT	115	SWITCH W/LIGHTS	GREENHECK, COOK	SP-B200, GC-146
EF-3	JANITOR	50	0.25	814	2	7 W	CEILING	DIRECT	115	WALL SWITCH	GREENHECK, COOK	SP-B80, GC-180
EF-4	RESTROOM 108	75	0.25	749	1.1	15 W	CEILING	DIRECT	115	SWITCH W/LIGHTS	GREENHECK, COOK	SP-B110, GC-146
EF-5	STORAGE 301	300	0.25	1725	7	30 W	WALL	DIRECT	115	WALL SWITCH	COOK	10XW24D17(VF)

- NOTES:
- PROVIDE FAN WITH INTEGRAL BACK-DRAFT DAMPER, INTEGRAL ALUMINUM CEILING GRILLE, SOLID STATE SPEED CONTROLLER FOR BALANCING, AND SPRING TYPE ISOLATORS.

LOUVER SCHEDULE											
SYMBOL	SERVICE	BLADE ORIENTATION	BPWP (FPM)	SIZE (W"XH"XD")	DESIGN FLOW (CFM)	FREE AREA (SQ. FT)	AIR VEL. (FPM)	AIR P.D. (IN. WC)	AMCA (BIRD/INSECT)	SCREEN (BIRD/INSECT)	BASIS OF DESIGN
L-1	EXHAUST	HORIZONTAL	1250	24"x12"x4"	425	0.64	664	0.05	540/550	BIRD	RUSKIN EME3625, GREENHECK EVH-302D
L-2	INTAKE	HORIZONTAL	1250	24"x12"x4"	135	0.64	211	0.015	540/550	BIRD	RUSKIN EME3625, GREENHECK EVH-302D
L-3	INTAKE	HORIZONTAL	1250	12"x12"x4"	80	0.22	364	0.025	540/550	BIRD	RUSKIN EME3625, GREENHECK EVH-302D

- NOTES:
- LOUVERS SHALL HAVE 70% KYNAR FINISH. COLOR TO BE SELECTED BY ARCHITECT.
 - LOUVERS AND LOUVER ACCESSORIES TO BE ALUMINUM.
 - LOUVERS TO BE FLORIDA PRODUCT APPROVED.
 - LOUVERS WITHIN METAL PANELS TO BE FULLY FLANGED (NO EXTENDED SILL). ALL OTHER MOUNTING SURFACES TO HAVE CHANNEL FRAME WITH EXTENDED SILLS. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT BUILDING MATERIALS.

AIR HANDLING UNIT SCHEDULE																					
UNIT NO.	SERVICE	MIN. CFM	FRESH AIR CFM	FAN			COOLING					HEATING				BASIS OF DESIGN					
				EXT. S.P.	FAN H.P.	PHASE	MIN. BTU/H OUTPUT	EVAP. TEMP. (°F)	AMB. TEMP. (°F)	E.A.T. (°F)	MIN. BTU/H OUTPUT	ELEC. STRIP (KW)	NO. STAGES	VOLTAGE	PHASE		E.A.T.	L.A.T.			
AHU-1	CONCESSIONS	1000	80	0.5	0.75	208	1	30000	45	95	77	65	24600	7	9	1	208	3	66	69	TRANE STAM5

- NOTES:
- PROVIDE AIR HANDLING UNIT WITH SINGLE POINT POWER CONNECTION. SINGLE PHASE UNITS SHALL BE PROVIDED WITH INTEGRAL DISCONNECT SWITCH MOUNTED IN THE FRONT PANEL OF UNIT.
 - EACH UNIT SHALL HAVE AN AIR IONIZATION DEVICE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS. REFER TO SPECIFICATIONS FOR DEVICE TYPES AND MOUNTING LOCATION.
 - REFER TO SPECIFICATIONS APPROVED EQUALS.
 - AIR FILTERS SHALL BE LOCATED AT UNIT.

AIR COOLED CONDENSING UNIT SCHEDULE										
UNIT NO.	SERVICE	MIN. BTU/H	EVAP. TEMP.	AMB. TEMP.	UNIT F.L.A.	VOLTAGE	PHASE	SEER/EER	REFRIGERANT TYPE	BASIS OF DESIGN
CU-1	AHU-1	30000	45	95	17	208	1	14	R-454b	TRANE 5TR5030

- NOTES:
- PROVIDE SINGLE POINT POWER CONNECTION.
 - PROVIDE UNIT WITH A WALL MOUNTED OUTLET FOR REFRIGERANT PIPING THROUGH EXTERIOR WALL. AIREX MANUFACTURING TITAN MODEL T68, WEST ATLANTIC TECH CORP. OR EQUAL.



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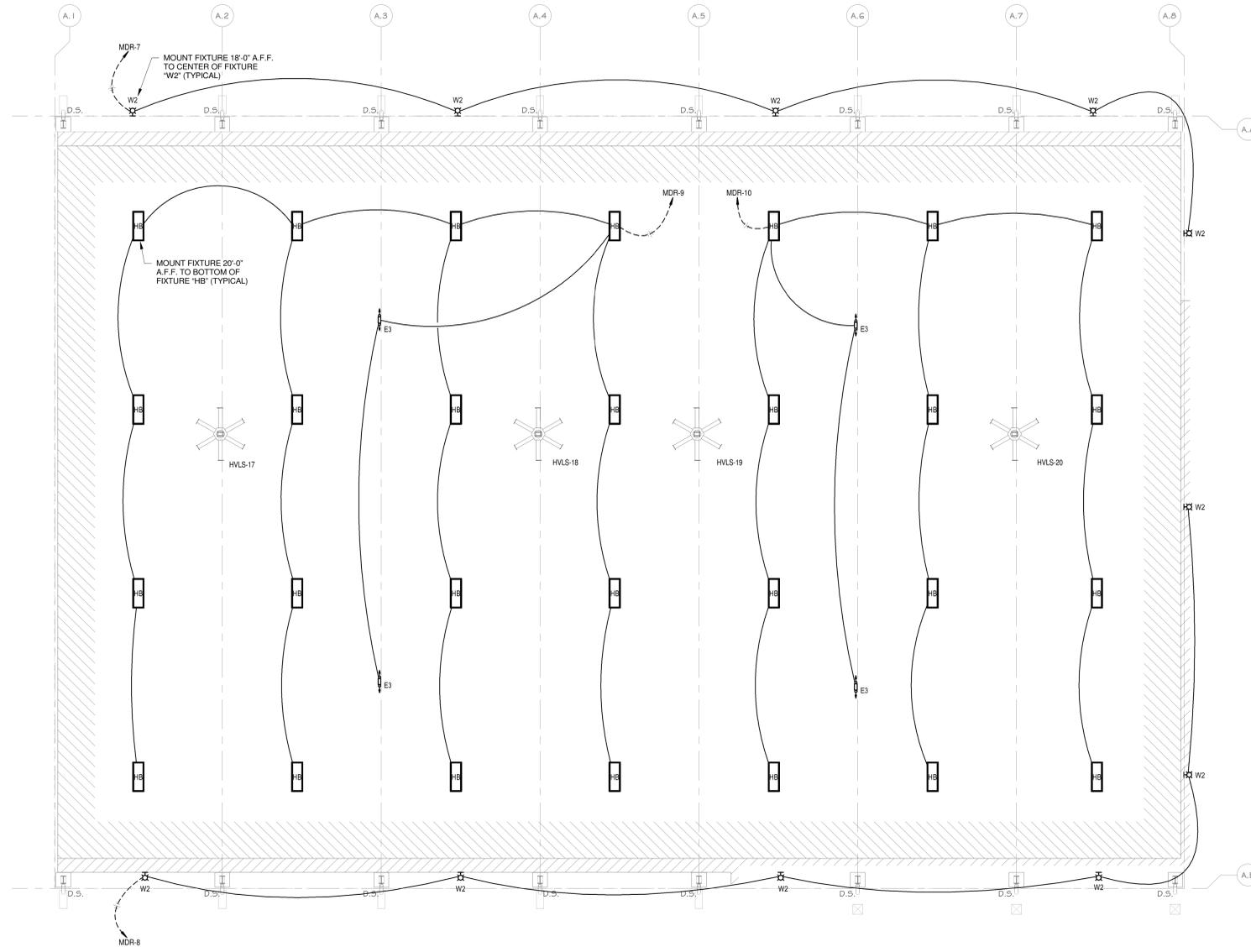
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Lighting Plan - Pavilion A
1/8" = 1'-0"



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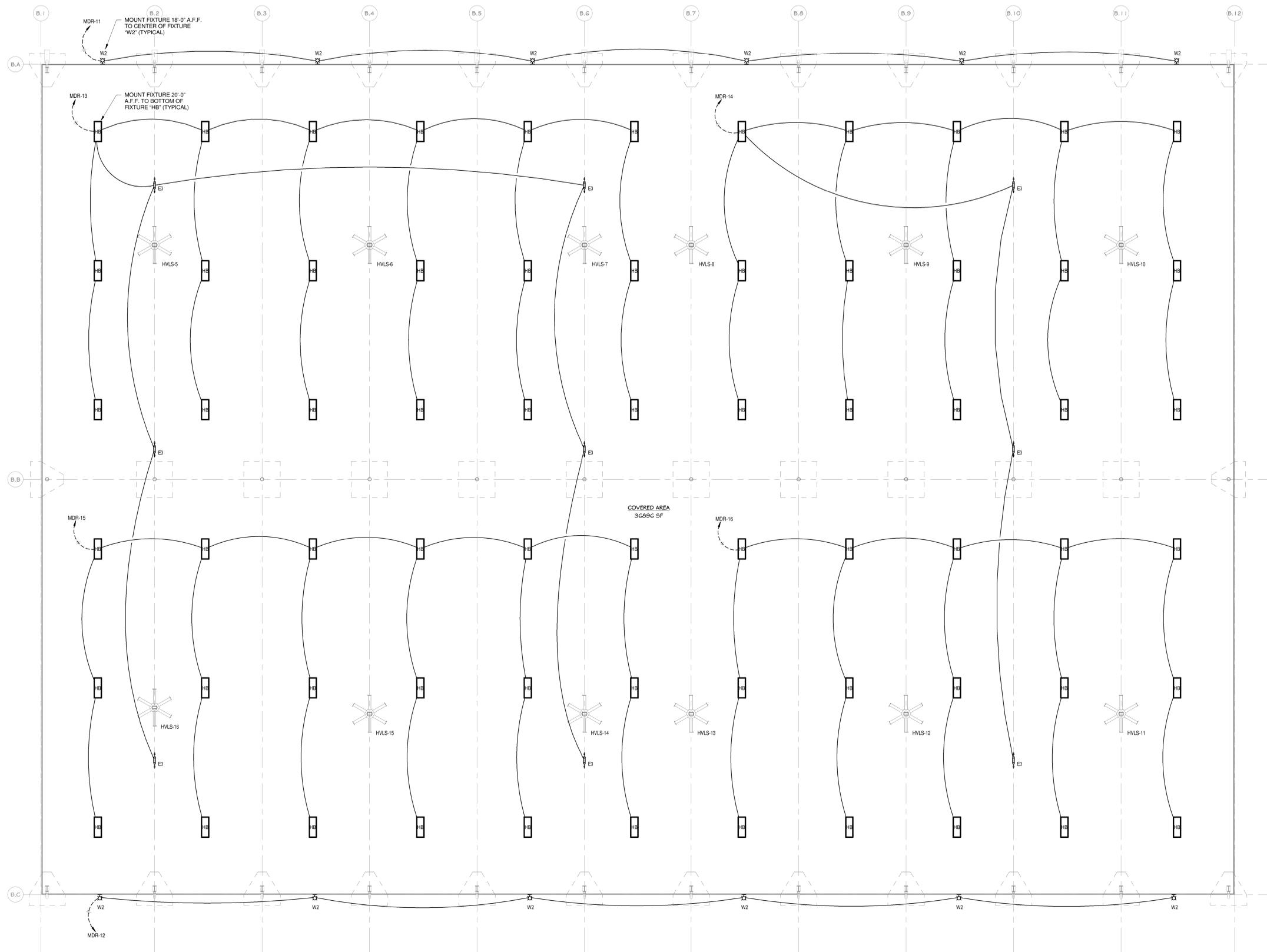


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Lighting Plan - Pavilion B

1/8" = 1'-0"



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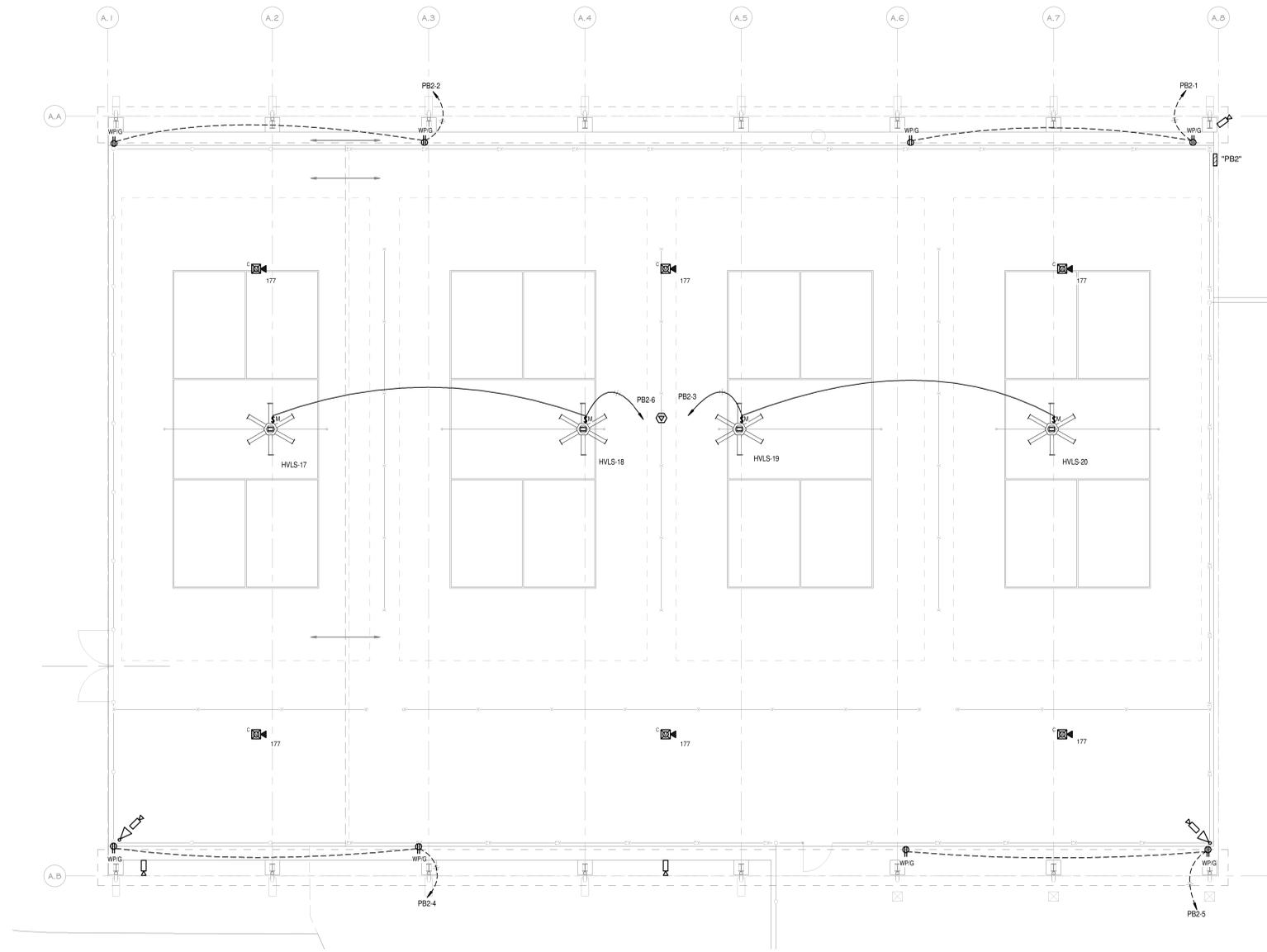
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Electrical Plan - Pavilion A
1/8" = 1'-0"



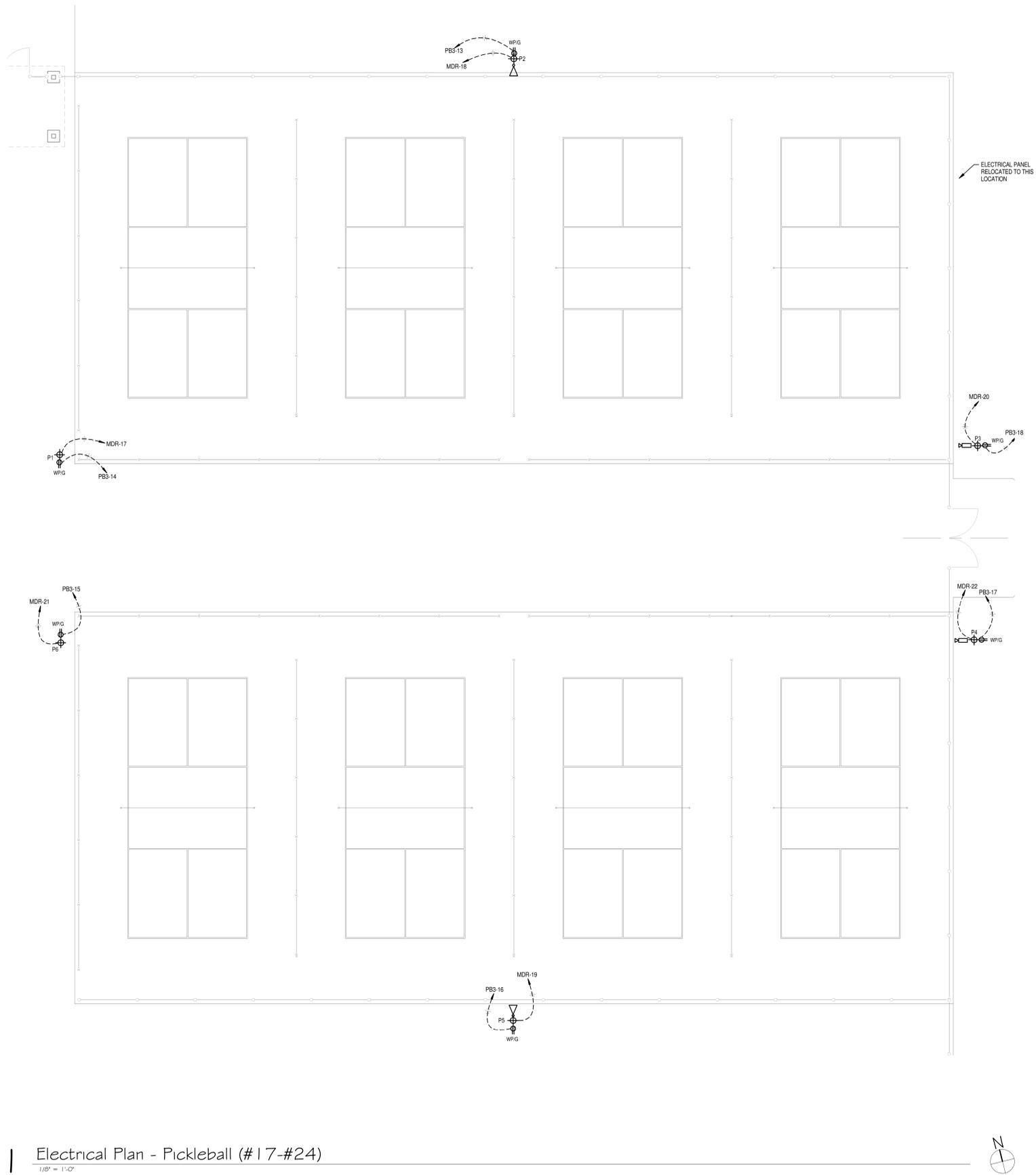
1304 BERTRAND DRIVE SUITE F7
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Mechanical Contact: Gabrielle Wehner
Electrical Contact: Kirk Guza, E.I.
Email: Kirk@meconsulting.com

PROJECT No.: 24097.00



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Electrical Plan - Pickleball (#17-#24)

1/8" = 1'-0"



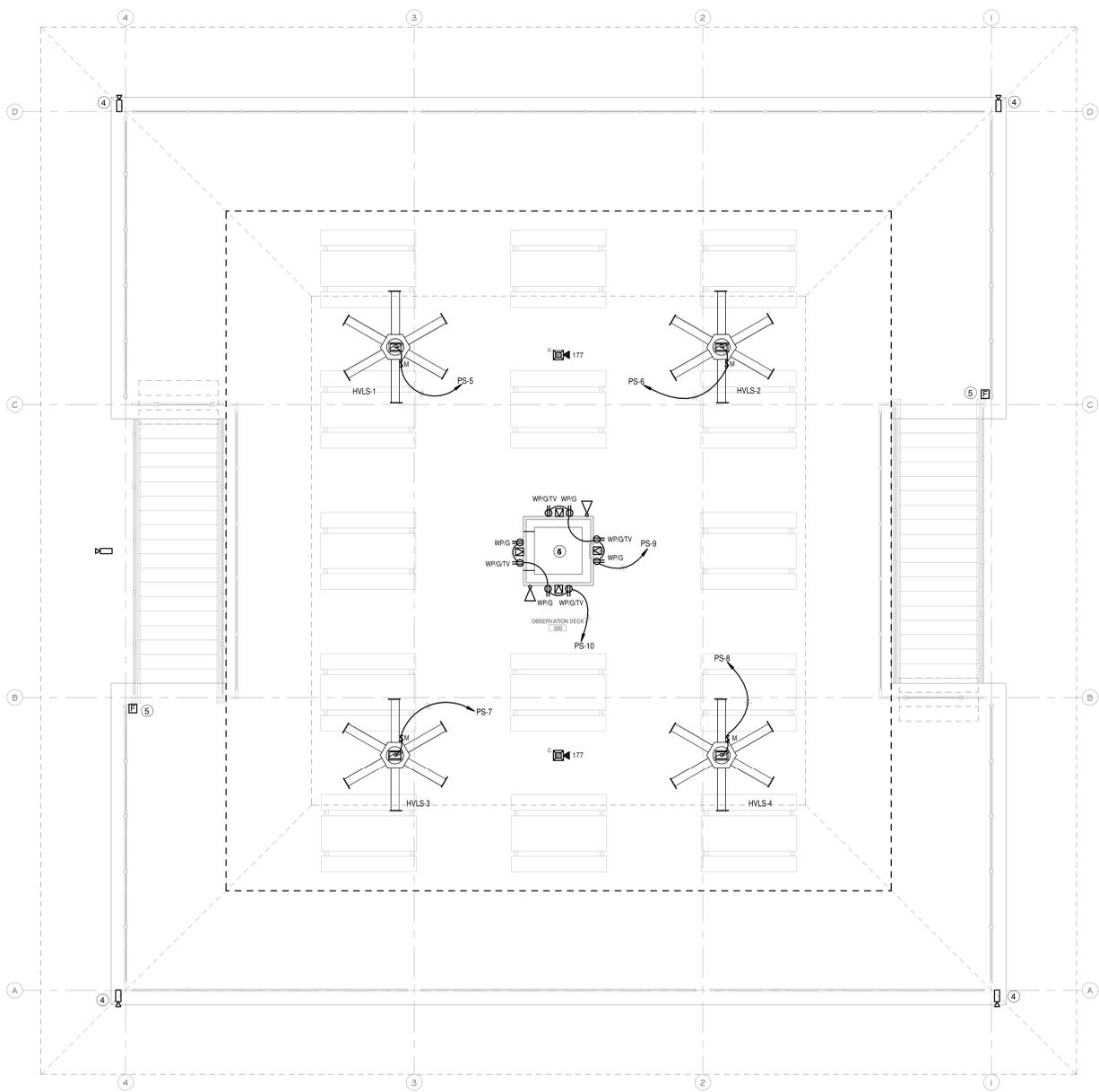
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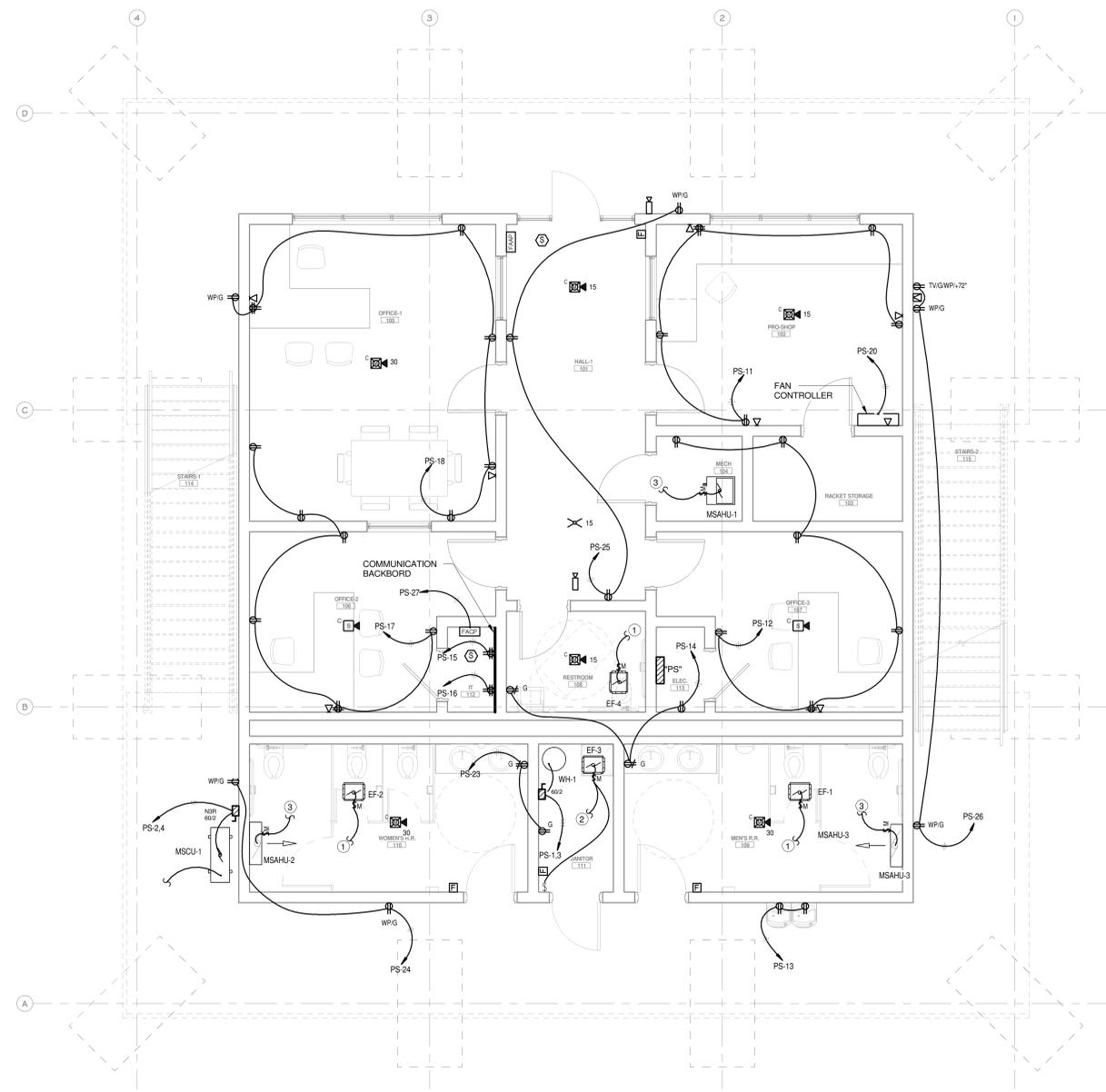
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2 Power & Special Systems Plan - Pro Shop Second Floor Plan
1/4" = 1'-0"



ELECTRICAL NOTES	
1	CIRCUIT AND SWITCH WITH LIGHTS IN THIS SPACE.
2	CIRCUIT WITH LIGHTS IN THIS SPACE. COORDINATE SWITCHING WITH MECHANICAL.
3	3/4" CONDUIT WITH CABLE PER MANUFACTURER'S REQUIREMENTS TO RESPECTIVE OUTDOOR UNIT.
4	CONDUIT WITH PULLSTRING TO BE ROUTED THROUGH STEEL BEAM ABOVE TO PROSHOP 102. COORDINATE WITH ARCHITECT.
5	FIRE ALARM PULL STATION TO BE MOUNTED AT 48" AFF. TO TOP OF DEVICE, TO STRUCTURAL COLUMN.



1 Power & Special Systems Plan - Pro Shop First Floor
1/4" = 1'-0"




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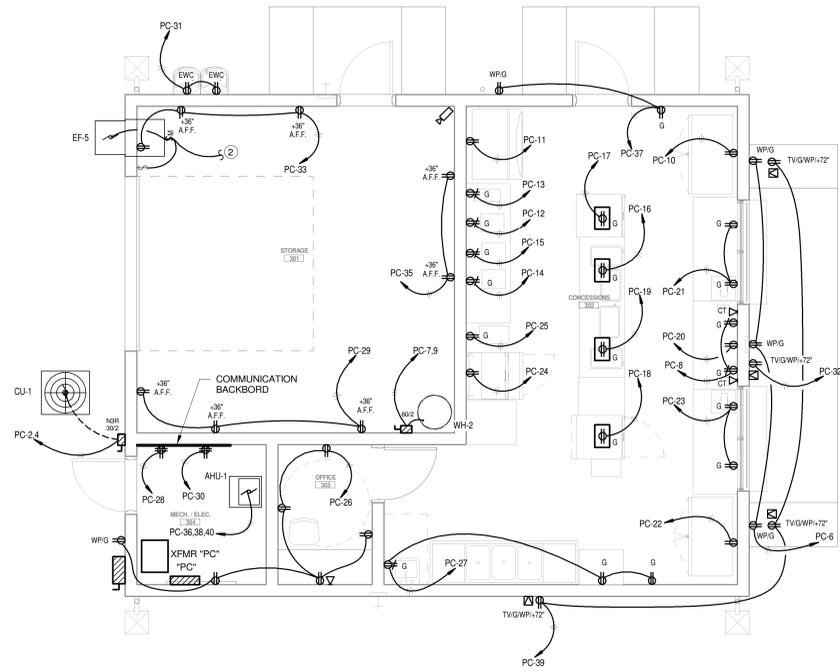

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A NEW RACKET CENTER / OBSERVATION DECK FOR
ST JULIEN RECREATIONAL FACILITY
 701 ST. MAZARIE ROAD, BROUSSARD, LA 70518



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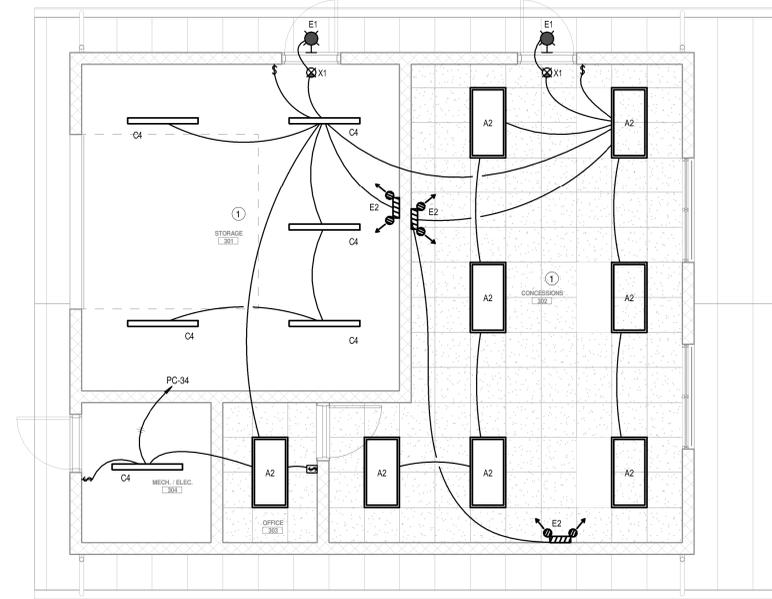
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2 Power & Special Systems Plan - Concessions
1/4" = 1'-0"



ELECTRICAL NOTES	
1	THIS SPACE TO BE CONTROLLED BY CEILING MOUNTED OCCUPANCY SENSOR - AUTOMATIC ON, AUTOMATIC OFF. PLACEMENT, QUANTITY AND TYPE TO BE DETERMINED BY MANUFACTURER. REFER TO ELECTRICAL SPECIFICATION 26 09 23.
2	CIRCUIT WITH LIGHTS IN THIS SPACE. COORDINATE SWITCHING WITH MECHANICAL.



1 Lighting Plan - Concessions
1/4" = 1'-0"



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TYPE MARK	DESCRIPTION	LAMP		VOLTS	MANUFACTURER	MODEL	COMMENTS
		No.	TYPE				
A	1'x4' LED LAY-IN FLAT PANEL W/ FLANGE KIT	-	LED	120	LITHONIA	CPX-1X4-AL07-80CRI-SWW7-SWL-MVOLT-DGA14	SET LUMENS TO 4000LM. SET CCT TO 3500K
A2	2'x4' LED LAY-IN FLAT PANEL	-	LED	120	LITHONIA	CPX-2X4-AL08-80CRI-SWW7-SWL-MVOLT	SET LUMENS TO 4000LM. SET CCT TO 3500K
A4	2'x4' LED LAY-IN FLAT PANEL	-	LED	120	LITHONIA	CPX-2X4-AL08-80CRI-SWW7-SWL-MVOLT	SET LUMENS TO 6000LM. SET CCT TO 3500K
C4	4' LED STRIP LIGHT	-	LED	120	LITHONIA	ZL1D-148-5000LM-FST-80CRI-35K	
E1	LED EXTERIOR EMERGENCY LIGHT	-	LED	120	LITHONIA	AFB-OEL-FINISH-UVOLT-N-WT	FINISH TO BE SELECTED BY ARCHITECT
E2	EMERGENCY LED WALL PACK	-	LED	120	LITHONIA	ELM2LED	FINISH TO BE SELECTED BY ARCHITECT
E3	EMERGENCY LED LIGHT	-	LED	120	LIGHTALARMS	SPI12-G3-2-L10	
G	LED SURFACE MOUNTED LIGHT	-	LED	120	PAL	ML3WL66-D-HO-K35-80-4-P-LOH-FINISH-TF-UNV-DIM1	FINISH TO BE SELECTED BY ARCHITECT
HB	LED HIGH BAY FIXTURE	-	LED	120	LUX DYNAMICS	IK10-E-3-D-A-840-4-UT-CP-MH1-GEN-TC-GYM-R	
P1	ATHLETIC LIGHTING POLE	-	LED	480	-	-	REFER TO SPECIFICATIONS.
P2	ATHLETIC LIGHTING POLE	-	LED	480	-	-	REFER TO SPECIFICATIONS.
P3	ATHLETIC LIGHTING POLE	-	LED	480	-	-	REFER TO SPECIFICATIONS.
P4	ATHLETIC LIGHTING POLE	-	LED	480	-	-	REFER TO SPECIFICATIONS.
P5	ATHLETIC LIGHTING POLE	-	LED	480	-	-	REFER TO SPECIFICATIONS.
P6	ATHLETIC LIGHTING POLE	-	LED	480	-	-	REFER TO SPECIFICATIONS.
W1	EXTERIOR LED WALL LIGHT	-	LED	120	LITHONIA	WDGE2 LED-P3-40K-80CRI-VW-MVOLT-SRM-FINISH	FINISH TO BE SELECTED BY ARCHITECT
W2	EXTERIOR LED WALL LIGHT	-	LED	120	LITHONIA	DSXW2 LED-P2-40K-80CRI-T3M-MVOLT-SRM-FINISH	FINISH TO BE SELECTED BY ARCHITECT
X1	SINGLE FACE EXIT LIGHT	-	LED	120	LITHONIA	LE-S1-R-ELN	

LIGHTING SYSTEM

Structure/Fixture Summary

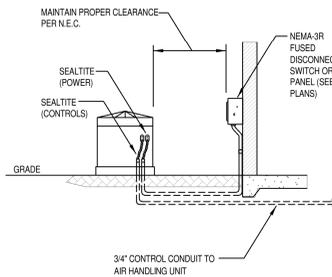
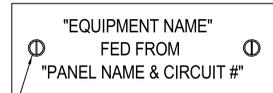
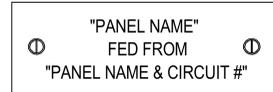
Structure ID	Structure Height	Fixt. Attachment Ht.	Fixture Qty	Fixture Type	Load	Circuit
P1	40'	40'	3	LED	1.62 kW	A
P2	40'	40'	3	LED	1.62 kW	A
				LED	1.62 kW	B
P3	40'	40'	3	LED	1.62 kW	B
P4	40'	40'	3	LED	1.62 kW	D
P5	40'	40'	3	LED	1.62 kW	C
P6	40'	40'	3	LED	1.62 kW	D
6			24	LED	12.96 kW	

Circuit Summary

Circuit	Description	Load	Fixture Qty
A	Pickleball 1-2	3.24 kW	6
B	Pickleball 3-4	3.24 kW	6
C	Pickleball 5-6	3.24 kW	6
D	Pickleball 7-8	3.24 kW	6

Fixture Type Summary

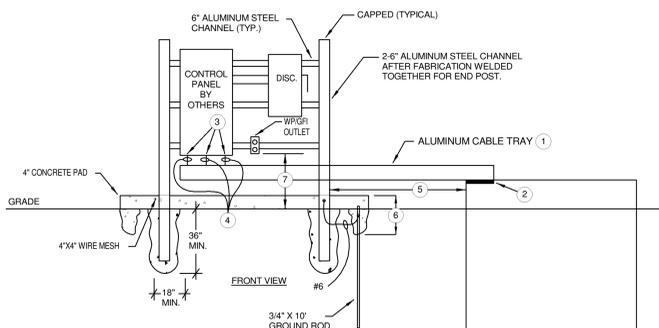
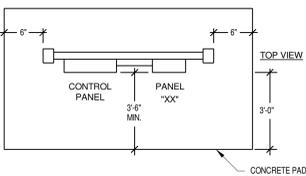
Type	Circuit	Source	Wattage	Lumens	L90	L80	L70	Quantity
LED	A	LED 5700K - 75 CRI	540W	67,000	>120,000	>120,000	>120,000	6
LED	B	LED 5700K - 75 CRI	540W	67,000	>120,000	>120,000	>120,000	6
LED	C	LED 5700K - 75 CRI	540W	67,000	>120,000	>120,000	>120,000	6
LED	D	LED 5700K - 75 CRI	540W	67,000	>120,000	>120,000	>120,000	6



1 PANEL & EQUIPMENT SIGNAGE DETAIL
NO SCALE

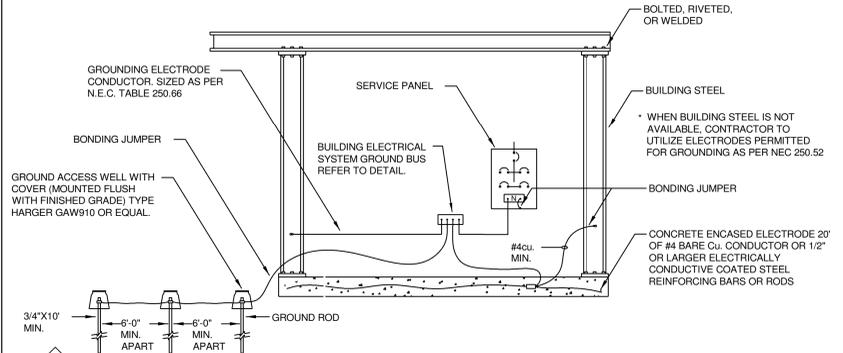
2 CONDENSING UNIT DETAIL
NO SCALE

- GENERAL DETAIL NOTES:**
- RACK DIMENSIONS TO BE ADJUSTED FOR DISCONNECT SIZE AND CONTROL PANEL SIZE.
 - CONTRACTOR TO SUBMIT A SHOP DRAWING INDICATING RACK DIMENSIONS AND PLACEMENT OF ALL PIECES OF EQUIPMENT.
 - FINAL LOCATION OF RACK AND PAD LOCATED BY ENGINEER.
 - PROVIDE LIQUID TIGHT HUBS FOR ALL PENETRATIONS THROUGH ENCLOSURES.

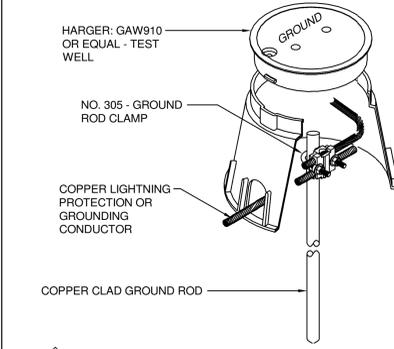


5 LIFT STATION AND PANEL RACK
NO SCALE

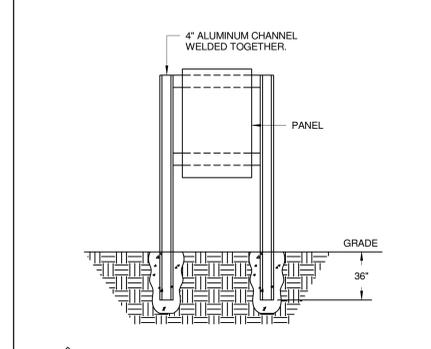
- DETAIL NOTES:**
- 12" W x 4" D ALUMINUM LADDER CABLE TRAY WITH TOP COVER. ENDS OF CABLE TRAY TO BE CLOSED UP. PROVIDE GALVANIZED STEEL CHANNEL SUPPORTS 9" ON CENTER. CABLE TRAY TO BE INSTALLED ON SIDE OF PANELS OR IN BACK OF PANELS SUCH THAT THE CABLE TRAY DOES NOT OBSTRUCT THE ACCESS OF CONTROL PANELS OR ELECTRICAL PANELS/DISCONNECTS.
 - PROVIDE 3/4" PVC CHASED OPENINGS FOR POWER AND CONTROL CABLING.
 - BOTTOM OF ANY PANEL SHALL BE NO LOWER THAN 48" ELEVATION.
 - PROVIDE LIQUID TIGHT CG TYPE HUBS FOR ALL CABLING PENETRATING THE ENCLOSURE.
 - MOTOR CABLE AND CONTROL LAYED INTO CABLE TRAY.
 - 3'-0" MINIMUM BETWEEN WET WELL AND ELECTRICAL GEAR.



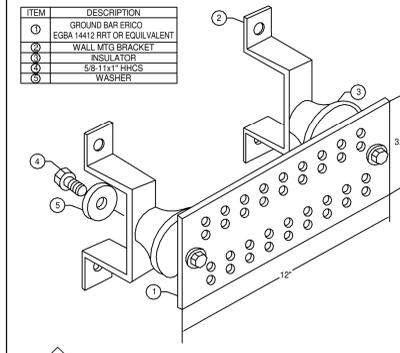
3 GROUNDING ELECTRODE SYSTEM AND BUSBAR DETAIL
NO SCALE



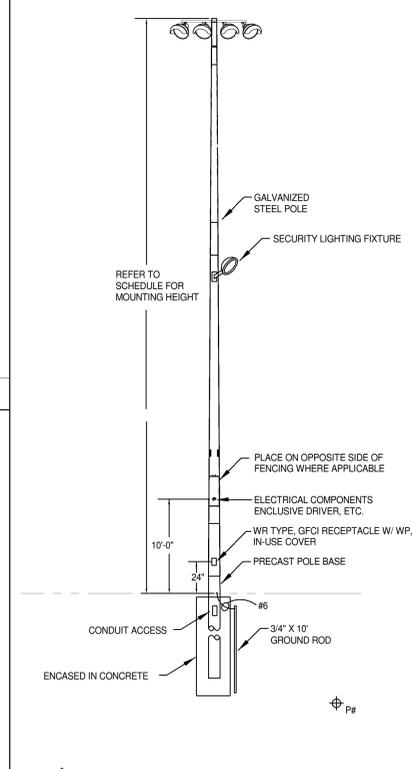
6 GROUND ACCESS WELL DETAIL
NO SCALE



7 EQUIPMENT RACK DETAIL
NO SCALE



4 TYPICAL COMMUNICATIONS GROUNDING BUSBAR DETAIL
NO SCALE



8 SPORTS LIGHT POLE DETAIL
NO SCALE



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Branch Panel: PB1													
Location: MECH, / ELEC, 304			Volts: 120/208 Wye			A.I.C. Rating: 22,000							
Mounting: Surface			Phases: 3			Mains Type: MCB							
Enclosure: Type 3R			Wires: 4			Mains Rating: 175 A							
General Schedule Notes: Verify proper working clearances per N.E.C. prior to installation.													
Notes #	Circuit Description	Breaker	Wire	C.	A	B	C	C.	Wire	Breaker	Circuit Description	#	Notes
1	PANEL "PB1"	100 A/3	4#1/0, 1#6	2"	2880	720	2880	1 1/4"	3#6, 1#6	30 A/3	Lift Station	2	1
3	PANEL "PB2"	100 A/3	4#1/0, 1#6	2"	720	2880						4	--
5	--	--	--	--	1160	2880						6	--
9	Spare	20 A/1	--	--	0	3120						10	--
11	Space	/1	--	--			2240					12	--
13	Space	/1	--	--						/1	Space	14	--
15	Space	/1	--	--						/1	Space	16	--
17	Space	/1	--	--						/1	Space	18	--
19	Space	/1	--	--						/1	Space	20	--
21	Space	/1	--	--						/1	Space	22	--
23	Space	/1	--	--						/1	Space	24	--
25	Space	/1	--	--						/1	Space	26	--
27	Space	/1	--	--						/1	Space	28	--
29	Space	/1	--	--						/1	Space	30	--
31	Space	/1	--	--						/1	Space	32	--
33	Space	/1	--	--						/1	Space	34	--
35	Space	/1	--	--						/1	Space	36	--
37	Space	/1	--	--						/1	Space	38	--
39	Space	/1	--	--						/1	Space	40	--
41	Space	/1	--	--						/1	Space	42	--
				Total Load:	7 kVA	7 kVA	6 kVA						
				Total Amps:	57 A	57 A	52 A						
Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals									
HVAC	6400 VA	100.00%	6400 VA	Total Conn. Load: 20 kVA									
Motor	8640 VA	100.00%	8640 VA	Total Est. Demand: 20 kVA									
Receptacles	4680 VA	100.00%	4680 VA	Total Conn.: 55 A									
				Total Est. Demand: 55 A									
Panel Schedule Notes: (Notes below do not necessarily appear in panel schedule)													
1. VERIFY BREAKER SIZE PER EQUIPMENT MANUFACTURER'S RECOMMENDED NAME PLATE RATING PRIOR TO SHOP DRAWINGS PHASE OF PROJECT.													
2. CIRCUIT VIA POLE LIGHTING CONTACTOR, CONTROL WITH (2) CIRCUIT INTERMATIC OR EQUAL ASTRONOMICAL TIME CLOCK WITH BATTERY BACKUP AND PHOTOCELL PHOTOCELL "ON" TIME CLOCK "OFF".													
3. PROVIDE GFCI PROTECTED CIRCUIT BREAKER.													
4. CONDUIT, WIRE, AND BREAKER SIZE PER MANUFACTURER'S REQUIREMENTS.													

Branch Panel: PB2													
Location: MECH, / ELEC, 304			Volts: 120/208 Wye			A.I.C. Rating: 22,000							
Mounting: Surface			Phases: 3			Mains Type: MCB							
Enclosure: Type 3R			Wires: 4			Mains Rating: 100 A							
General Schedule Notes: Verify proper working clearances per N.E.C. prior to installation.													
Notes #	Circuit Description	Breaker	Wire	C.	A	B	C	C.	Wire	Breaker	Circuit Description	#	Notes
1	Rec Pickle Ball #1-#4	20 A/1	2#12, 1#12	1/2"	360	360		1/2"	2#12, 1#12	20 A/1	Receptacles Courts	2	
3	HLVS 19-20	20 A/1	2#10, 1#10	3/4"	800	360		1/2"	2#12, 1#12	20 A/1	Receptacles Courts	4	
5	Rec Pickle Ball #1-#4	20 A/1	2#12, 1#12	1/2"		360	800	3/4"	2#10, 1#10	20 A/1	HLVS 17-18	6	
7	Spare	20 A/1	--	--	0	0				20 A/3	SPD	8	4
9	Spare	20 A/1	--	--	0	0				--	--	10	--
11	Space	20 A/1	--	--	0	0				--	--	12	--
13	Space	20 A/1	--	--	0	--				/1	Space	14	--
15	Space	/1	--	--	--	--				/1	Space	16	--
17	Space	/1	--	--	--	--				/1	Space	18	--
19	Space	/1	--	--	--	--				/1	Space	20	--
21	Space	/1	--	--	--	--				/1	Space	22	--
23	Space	/1	--	--	--	--				/1	Space	24	--
25	Space	/1	--	--	--	--				/1	Space	26	--
27	Space	/1	--	--	--	--				/1	Space	28	--
29	Space	/1	--	--	--	--				/1	Space	30	--
31	Space	/1	--	--	--	--				/1	Space	32	--
33	Space	/1	--	--	--	--				/1	Space	34	--
35	Space	/1	--	--	--	--				/1	Space	36	--
37	Space	/1	--	--	--	--				/1	Space	38	--
39	Space	/1	--	--	--	--				/1	Space	40	--
41	Space	/1	--	--	--	--				/1	Space	42	--
				Total Load:	1 kVA	1 kVA	1 kVA						
				Total Amps:	6 A	10 A	10 A						
Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals									
HVAC	1600 VA	100.00%	1600 VA	Total Conn. Load: 3 kVA									
Receptacles	1440 VA	100.00%	1440 VA	Total Est. Demand: 3 kVA									
				Total Conn.: 8 A									
				Total Est. Demand: 8 A									
Panel Schedule Notes: (Notes below do not necessarily appear in panel schedule)													
1. VERIFY BREAKER SIZE PER EQUIPMENT MANUFACTURER'S RECOMMENDED NAME PLATE RATING PRIOR TO SHOP DRAWINGS PHASE OF PROJECT.													
2. CIRCUIT VIA POLE LIGHTING CONTACTOR, CONTROL WITH (2) CIRCUIT INTERMATIC OR EQUAL ASTRONOMICAL TIME CLOCK WITH BATTERY BACKUP AND PHOTOCELL PHOTOCELL "ON" TIME CLOCK "OFF".													
3. PROVIDE GFCI PROTECTED CIRCUIT BREAKER.													
4. CONDUIT, WIRE, AND BREAKER SIZE PER MANUFACTURER'S REQUIREMENTS.													
5. LABEL AS "MAIN SERVICE DISCONNECT".													

Branch Panel: PC														
Location: MECH, / ELEC, 304			Volts: 120/208 Wye			A.I.C. Rating: 22,000								
Mounting: Surface			Phases: 3			Mains Type: MCB								
Enclosure: Type 1			Wires: 4			Mains Rating: 300 A								
General Schedule Notes: Verify proper working clearances per N.E.C. prior to installation.														
Notes #	Circuit Description	Breaker	Wire	C.	A	B	C	C.	Wire	Breaker	Circuit Description	#	Notes	
1	PANEL "PS"	200 A/3	4#3/0, 1#6	2 1/2"	14713	1989			3/4"	2#10, 1#10	30 A/2	CJ-1	2	1
3	--	--	--	--	106	1989						4	--	
5	--	--	--	--	9612	540			1/2"	2#12, 1#12	20 A/1	Receptacles	6	--
7	WH-2	40 A/2	2#8, 1#10	1"	3000	360			1/2"	2#12, 1#12	20 A/1	Receptacles Ref.	8	
9	--	--	--	--	3000	1200			1/2"	2#12, 1#12	20 A/1	Receptacles Ref.	10	3
11	Receptacles Ref.	20 A/1	2#12, 1#12	1/2"		1200	1200		1/2"	2#12, 1#12	20 A/1	Receptacles Warmer	12	
13	Receptacles Warmer	20 A/1	2#12, 1#12	1/2"	1200	1200			1/2"	2#12, 1#12	20 A/1	Receptacles Warmer	14	
15	Receptacles Warmer	20 A/1	2#12, 1#12	1/2"		1200	1000		1/2"	2#12, 1#12	20 A/1	Receptacles Equip	16	
17	Receptacles Equip	20 A/1	2#12, 1#12	1/2"		1000	1000		1/2"	2#12, 1#12	20 A/1	Receptacles Equip	18	
19	Receptacles Equip	20 A/1	2#12, 1#12	1/2"	1000	1200			1/2"	2#12, 1#12	20 A/1	Receptacles Equip	20	3
21	Receptacles Equip	20 A/1	2#12, 1#12	1/2"		360	1200		1/2"	2#12, 1#12	20 A/1	Receptacles Ref.	22	3
23	Receptacles Equip	20 A/1	2#12, 1#12	1/2"		360	1200		1/2"	2#12, 1#12	20 A/1	Receptacles Office 303	26	
25	Receptacles Equip	20 A/1	2#12, 1#12	1/2"	1200	1080			1/2"	2#12, 1#12	20 A/1	Receptacles Office 303	28	
27	Rec Concession 302	20 A/1	2#12, 1#12	1/2"		540	360		1/2"	2#12, 1#12	20 A/1	Comm BKBD	30	
29	Rec Storage 301	20 A/1	2#12, 1#12	1/2"		540	360		1/2"	2#12, 1#12	20 A/1	Comm BKBD	32	
31	Receptacles EWC	20 A/1	2#12, 1#12	1/2"	1200	180			1/2"	2#12, 1#12	20 A/1	Menu Board	34	
33	Receptacles	20 A/1	2#12, 1#12	1/2"		540	670		1/2"	2#12, 1#12	20 A/1	Lighting Concessions	36	1
35	Receptacles	20 A/1	2#12, 1#12	1/2"		360	3527		1"	3#8, 1#10	40 A/3	AHU-1	38	1
37	Receptacles	20 A/1	2#12, 1#12	1/2"	360	3527						38	--	
39	Receptacles	20 A/1	2#12, 1#12	1/2"		540	3527					40	--	
41	Space	20 A/1	--	--	0	--				/1	Space	42	--	
43	Space	20 A/1	--	--	0	--				/1	Space	44	--	
45	Space	20 A/1	--	--	0	--				/1	Space	46	--	
47	Space	20 A/1	--	--	0	--				/1	Space	48	--	
49	Space	20 A/1	--	--	0	--				/1	Space	50	--	
51	Space	20 A/1	--	--	0	--				/1	Space	52	--	
53	Space	20 A/1	--	--	0	--				/1	Space	54	--	
55	Space	20 A/1	--	--	0	--				/1	Space	56	--	
57	Space	20 A/1	--	--	0	--				/1	Space	58	--	
59	Space	20 A/1	--	--	0	--				/1	Space	60	--	
61												62		
63												64		
65												66		
67												68		
69												70		
71												72		
73												74		
75												76		
77												78		
79												80		
81												82		
83												84		
				Total Load:	32 kVA	27 kVA	21 kVA							
				Total Amps:	276 A	230 A	174 A							
Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals										
HVAC	10581 VA	100.00%	10581 VA	Total Conn. Load: 80 kVA										
Motor	8064 VA	100.00%	8064 VA	Total Est. Demand: 64 kVA										
Lighting	3389 VA	125.00%	4236 VA	Total Conn.: 222 A										
Water Heater	12000 VA	100.00%	12000 VA	Total Est. Demand: 179 A										
Condensing Units	6758 VA	100.00%	6758 VA											
Condensing Units - Split	3977 VA	0.01%	0 VA											
Miscellaneous	500 VA	100.00%	500 VA											
	34740 VA	64.39%	22370 VA											
Panel Schedule Notes: (Notes below do not necessarily appear in panel schedule)														
1. VERIFY BREAKER SIZE PER EQUIPMENT MANUFACTURER'S RECOMMENDED NAME PLATE RATING PRIOR TO SHOP DRAWINGS PHASE OF PROJECT.														
2. CIRCUIT VIA POLE LIGHTING CONTACTOR, CONTROL WITH (2) CIRCUIT INTERMATIC OR EQUAL ASTRONOMICAL TIME CLOCK WITH BATTERY BACKUP AND PHOTOCELL PHOTOCELL "ON" TIME CLOCK "OFF".														
3. PROVIDE GFCI PROTECTED CIRCUIT BREAKER.														
4. CONDUIT, WIRE, AND BREAKER SIZE PER MANUFACTURER'S REQUIREMENTS.														



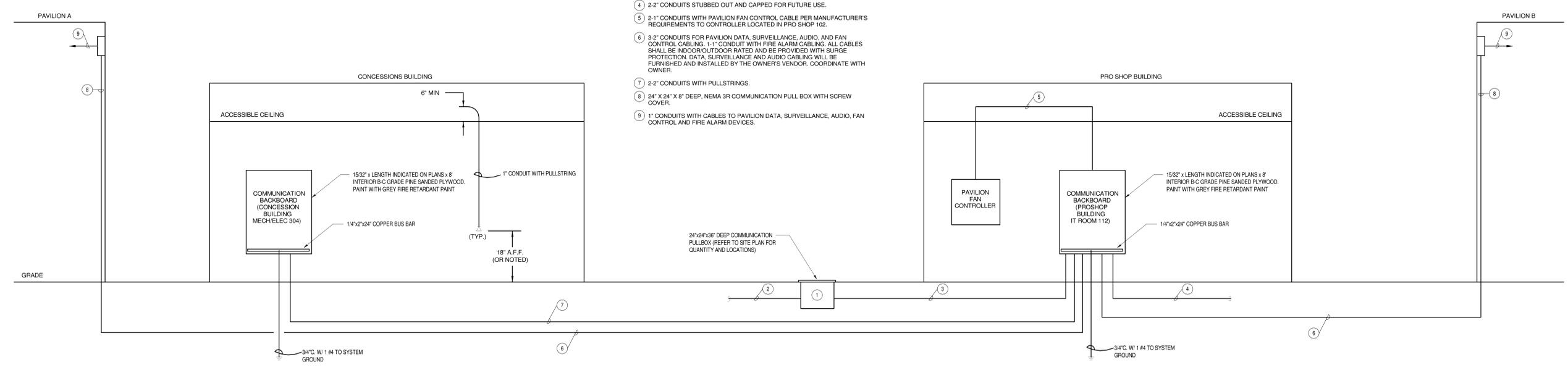
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Author
DATE
01/05/26
REVISION NO / DATE

JOB NO
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97 OF 97 SHEETS

THE DRAWINGS PREPARED BY THE ARCHITECT SHALL BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREIN. ALL COMMON LAW, STATUTORY AND OTHER RIGHTS OF COPYRIGHT, PATENT AND OTHER RIGHTS IN THE ARCHITECT'S DRAWINGS SHALL REMAIN THE PROPERTY OF THE ARCHITECT. NO OTHER PROJECTS FOR WHICH THE ARCHITECT HAS BEEN OR WILL BE RETAINED BY OTHERS SHALL BE PERMITTED TO BE COMPLETED OR USED IN ANY MANNER WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT. APPROPRIATE COMPENSATION, DO NOT

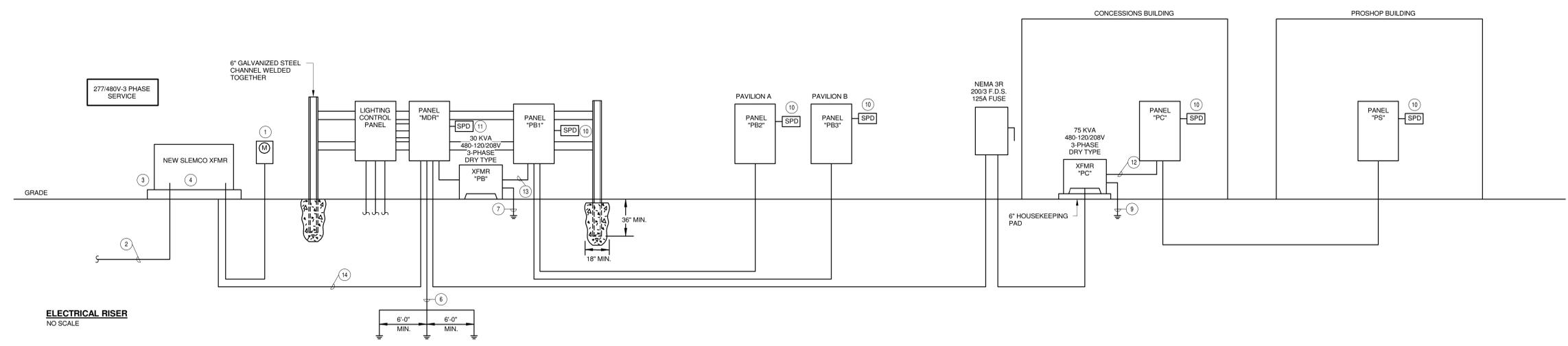
COMMUNICATIONS RISER NOTES:

- 1 IN-GRADE COMMUNICATION PULLBOX FOR RE-LOCATED FIBER OPTIC.
- 2 EXISTING CONDUIT AND FIBER OPTIC CABLE FROM MAINTENANCE BUILDING SHALL BE RE-LOCATED. PULL OUT EXISTING FIBER TO ALLOW RELOCATED AND RE-TERMINATE AS REQUIRED. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS.
- 3 2-2" CONDUITS WITH PULLSTRINGS.
- 4 2-2" CONDUITS STUBBED OUT AND CAPPED FOR FUTURE USE.
- 5 2-1" CONDUITS WITH PAVILION FAN CONTROL CABLE PER MANUFACTURER'S REQUIREMENTS TO CONTROLLER LOCATED IN PRO SHOP 102.
- 6 3-2" CONDUITS FOR PAVILION DATA, SURVEILLANCE, AUDIO, AND FAN CONTROL CABLING. 1-1" CONDUIT WITH FIRE ALARM CABLING. ALL CABLES SHALL BE INDOOR/OUTDOOR RATED AND BE PROVIDED WITH SURGE PROTECTION. DATA, SURVEILLANCE AND AUDIO CABLING WILL BE FURNISHED AND INSTALLED BY THE OWNER'S VENDOR. COORDINATE WITH OWNER.
- 7 2-2" CONDUITS WITH PULLSTRINGS.
- 8 24" X 24" X 8" DEEP, NEMA 3R COMMUNICATION PULL BOX WITH SCREW COVER.
- 9 1" CONDUITS WITH CABLES TO PAVILION DATA, SURVEILLANCE, AUDIO, FAN CONTROL AND FIRE ALARM DEVICES.



ELECTRICAL RISER NOTES:

- 1 COORDINATE ALL ASPECTS OF SERVICE AND METERING WITH POWER COMPANY. ELECTRICAL CONTRACTOR TO PROVIDE UTILITY DISCONNECT(S), METERING C.T. CABINETS, AND UNISTRUT RACK(S) IN CONCRETE FOOTINGS AS NEEDED.
- 2 3-2" PRIMARY CONDUITS WITH PULLSTRING BY ELECTRICAL CONTRACTOR PER POWER COMPANY REQUIREMENTS.
- 3 TRANSFORMER PAD BY ELECTRICAL CONTRACTOR PER POWER COMPANY SPECIFICATIONS. ELEVATION TO BE SAME AS BUILDING PAD.
- 4 TRANSFORMER BY POWER COMPANY.
- 5 REFER TO PANEL SCHEDULES FOR FEEDER SIZES. INSTALL PROPERLY SIZED NEUTRALS AND GROUNDING CONDUCTORS WITH ALL FEEDERS.
- 6 1/0 C.U. GROUND IN 3/4" CONDUIT TO (3) 3/4"x10" COPPER CLAD GROUND RODS, STEEL RACK, AND CONCRETE REINFORCEMENT RODS. SEE DETAIL.
- 7 3/4" CONDUIT WITH #4 CU TO BUILDING STEEL PER N.E.C. AND DETAIL.
- 8 THE CONTRACTOR SHALL LABEL THE MAIN SERVICE DISCONNECTING MEANS WITH THE MAXIMUM AVAILABLE FAULT CURRENT. AND IT SHALL BE LISTED ON THE DEVICE TO MEET THE REQUIREMENTS OF N.E.C. 110.24. THE LABELING SHALL BE ENGRAVED PLASTIC. THE MAXIMUM AVAILABLE FAULT CURRENT SHALL BE OBTAINED FROM THE ELECTRICAL UTILITY COMPANY FOR THE SECONDARY SIDE OF THE UTILITY TRANSFORMER.
- 9 3/4" CONDUIT WITH #2CU TO BUILDING STEEL PER N.E.C. AND DETAIL.
- 10 BRANCH PANEL TYPE SURGE PROTECTION DEVICE PER SPECIFICATIONS.
- 11 SERVICE ENTRANCE SURGE PROTECTION DEVICE PER SPECIFICATIONS.
- 12 3" CONDUIT WITH #4250, 1#2 GROUND.
- 13 2" CONDUIT WITH #420, 1#4 GROUND.
- 14 4" CONDUIT WITH #4350 KCMIL.



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