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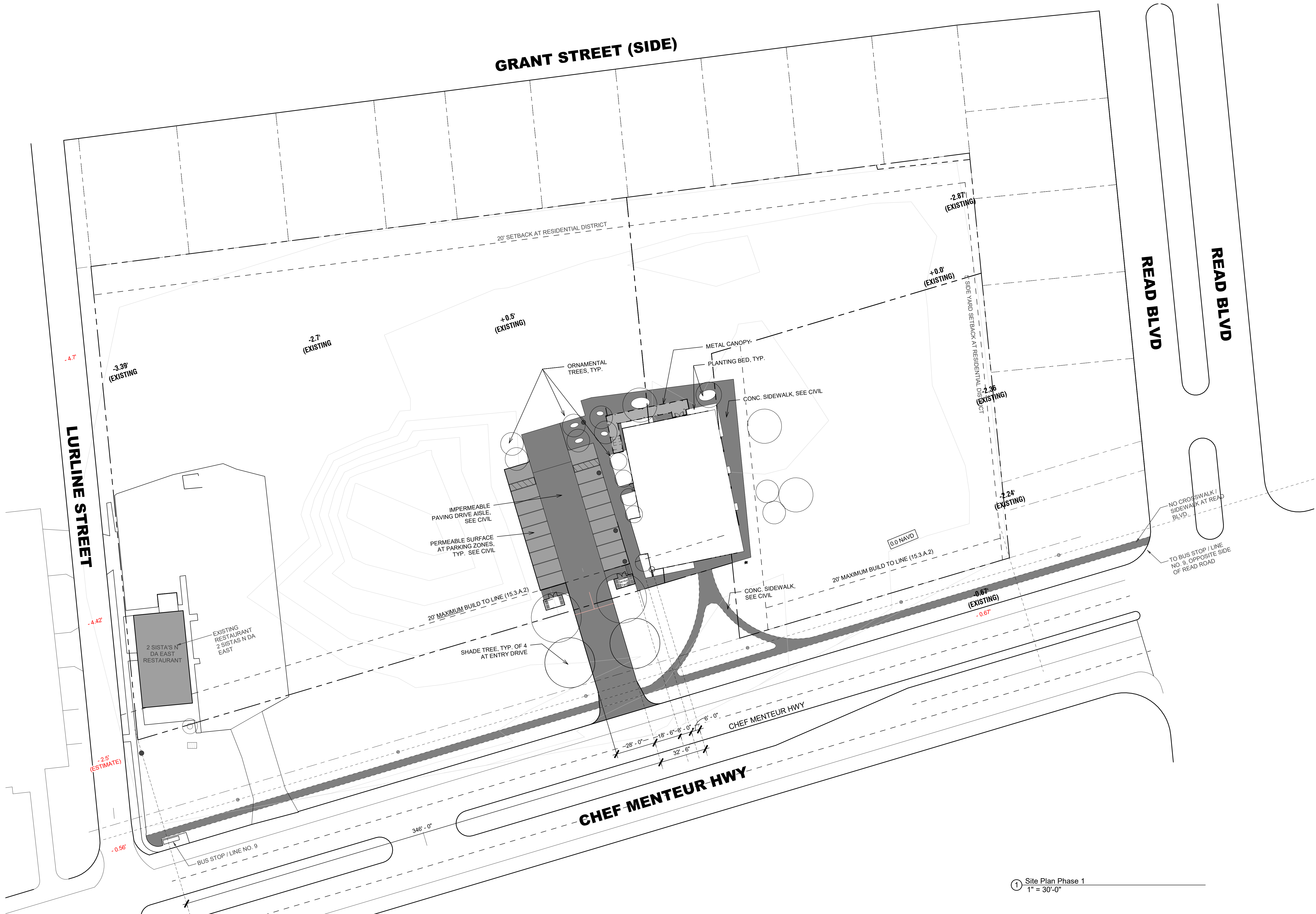
- GENERAL NOTES**
1. TOPOGRAPHIC SURVEY BY BFM DATED AUGUST 4, 2002 HAS NOT BEEN VERIFIED BY ARCHITECT.
 2. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL UTILITIES AND NOTIFYING THE APPROPRIATE UTILITY ENTITY PRIOR TO BEGINNING CONSTRUCTION.
 3. CLEARING AND GRUBBING LIMITS SHALL INCLUDE ALL AREAS DISTURBED BY GRADING OPERATIONS. CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UNDISTURBED AREAS, ALL PROPERTY CORNERS, AND REPLACING ALL PINS ELIMINATED OR DAMAGED DURING CONSTRUCTION.
 4. CONTRACTOR IS RESPONSIBLE FOR REPAIRS OR DAMAGE TO ANY EXISTING IMPROVEMENTS DURING CONSTRUCTION, SUCH AS, BUT NOT LIMITED TO, DRAINAGE, UTILITIES, PAVEMENT, STRIPINGS, CURBS, ETC. REPAIRS SHALL BE EQUAL TO OR BETTER THAN THE EXISTING CONDITIONS.
 5. SEE CIVIL AND LANDSCAPING FOR FINAL GRADING.
 6. SEE CIVIL FOR DE-WATER REQUIREMENTS AND PROCEDURES.
 7. CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO EXISTING UTILITIES AND SHALL REPORT DAMAGE TO THE UTILITY ENTITIES IMMEDIATELY AFTER IT OCCURS. ALL REPAIRS OF THE DAMAGED UTILITIES SHALL BE DONE BY THE RESPECTIVE UTILITY ENTITY. REPAIR COSTS SHALL BE BORNE BY THE CONTRACTOR.
 8. CONTRACTOR SHALL VERIFY VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING STORM SEWER STRUCTURES, PIPES, AND ALL UTILITIES PRIOR TO CONSTRUCTION. SEE CIVIL.
 9. HANDICAP PARKING AREAS AND ACCESS PATH (SIDEWALKS) SLOPES SHALL NOT EXCEED 2% IN ANY DIRECTION PER ADA REGULATIONS. CONTRACTOR SHALL VERIFY ELEVATIONS.
 10. CONTRACTOR SHALL PROPERLY SURVEY AND LAYOUT ALL EXISTING GRADES, PROPOSED GRADES, AND PROPOSED SITE IMPROVEMENTS PRIOR TO ANY CONSTRUCTION. THE GC SHALL NOTIFY ARCHITECT OF DISCREPANCIES IMMEDIATELY AND PRIOR TO CONSTRUCTION.
 11. CONTRACTOR SHALL ADJUST ALL FRAMES AND COVERS OF UTILITIES TO REMAIN TO MATCH THE NEW FINISHED GRADE.
 12. CONTRACTOR SHALL SECURE ALL APPLICABLE PERMITS RELATED TO CONSTRUCTION SITE MAINTENANCE INCLUDING THE SWPP (STORM WATER PROTECTION PLAN PERMIT), PROVIDE ALL NECESSARY FENCING, SCREENS, AND VEHICLE CLEANING MECHANISMS AS REQUIRED BY SWPP.
 13. SEE CIVIL, PLUMBING AND ELECTRICAL DRAWINGS FOR ALL WORK RELATED TO SITE UTILITIES.
 14. CONTRACTOR SHALL PROVIDE TREE PROTECTION FOR ALL EXISTING TREES TO REMAIN AS REQUIRED BY LANDSCAPE DRAWINGS AND SPECIFICATIONS.
 15. SEE LANDSCAPE FOR ALL NEW PLANTINGS.

Landscape, Screening, & Storm Water Management

1. 23.7 PERIMETER PARKING LOT LANDSCAPE IS REQUIRED WHERE PARKING ABUTS A PUBLIC RIGHT OF WAY.
 - A SINGLE HEDGE ROW (PLANTING REQ'S).
 - MIN. 1' WIDE GROUND COVER / MULCH.
 - (1) SHADE TREE @ 40' O.C.
 - OR (1) ORNAMENTAL TREE @ 25' O.C.
 - 4' ORNAMENTAL FENCE
 - ALTERNATIVE TO SHRUB & FENCING IS A 3' PEDESTRIAN WALL.
 - PERIMETER PARKING LOT LANDSCAPE AREAS SHALL BE PROTECTED WITH RAISED CONC. CURBS.
2. 23.7.B.1 PERIMETER LANDSCAPE YARD SHALL BE MIN. 5' IN WIDTH AND CONSIST OF
 - (1) ISLAND EVERY 10' CONTIG. SPACES (OR 10% TOTAL PARKING LOT SURFACE)
 - ISLANDS = SPACE DIMS. (160 SF MIN)
 - DOUBLE DEPTH AT DOUBLED ROWS
 - PLANTING REQUIREMENTS TO BE MET
3. 23.7.C INTERIOR PARKING LOT LANDSCAPING REQUIRED. ALTERNATIVES CAN BE APPROVED IF THEY INCLUDE ALTERNATE LANDSCAPE, CANOPY, PV CANOPY, ELECTRIC CHARGING STATIONS, ETC. STANDARD REQUIREMENTS INCLUDE
 - (1) ISLAND EVERY 10' CONTIG. SPACES (OR 10% TOTAL PARKING LOT SURFACE)
 - ISLANDS = SPACE DIMS. (160 SF MIN)
 - DOUBLE DEPTH AT DOUBLED ROWS
 - PLANTING REQUIREMENTS TO BE MET
4. 23.8.B.10' BUFFER YARD REQUIRED AT ADJOINING RESIDENTIAL DISTRICT TO INCLUDE:
 - 7' MIN. SOLID FENCE
 - (1) SHADE TREE @ 40' O.C.
 - OR (1) ORNAMENTAL TREE @ 25' O.C.
 - 4' ORNAMENTAL FENCE
 - A SINGLE HEDGE ROW (PLANTING REQ'S).
 - REMAINING SPACE TO BE GROUND COVER
5. 23.13.A REFUSE / RECYCLING YARDS SHALL BE FULLY ENCLOSED ON 3 SIDES WITH A MIN. 7' SOLID FENCE AND A GATE WITH SIMILAR AESTHETICS.
6. 23.13.B LOADING BERTHS SHALL NOT LOCATED AND ORIENTED AS TO NOT BE VISIBLE FROM THE STREET AND ADJACENT PROPERTIES. SCREENING SHALL BE PROVIDED UNLESS DEEMED UNNECESSARY BY REVIEWING BODY.
7. 23.13.C.2 OUTDOOR SALES AND DISPLAY AREAS LOCATED IN THE REAR OR SIDE YARD ADJOINING A RESIDENTIAL DISTRICT SHALL BE SCREENED WITH A MINIMUM 7' FENCE OR HEDGE.
8. ALL OUTDOOR DISPLAYS SHALL HAVE A 10' MIN. DEPTH LANDSCAPE YARD ALONG THE PUBLIC RIGHT OF WAY. PLANTING REQUIREMENTS TO BE MET.

STORM WATER NOTES

1. 2018 NO 27701 STORMWATER REGULATIONS
 - 121.8 REQUIRED FOR NEW CONSTRUCTION OVER 5,000 S.F. OF IMPERVIOUS SURFACE, OR SUBSTANTIAL IMPROVEMENT OF A SITE WITH 5,000 SF OR MORE OF IMPERVIOUS SURFACE, OR ANY SITE 1 ACRE OR MORE IN SIZE OR A SITE WITH PRINCIPAL USE AS STORMWATER MANAGEMENT, OR SFOR ANY ADDITION OR REPLACEMENT OF IMPERVIOUS SURFACE WHICH RESULTS IN FIVE THOUSAND OR MORE SF OF IMPERVIOUS SURFACE.
 - 121.1 A MIN. RETENTION OF 1.25" OF STORM WATER ON SITE.
- REQUIREMENTS FOR MINIMUM WATER QUALITY AND FILTRATION APPLY.

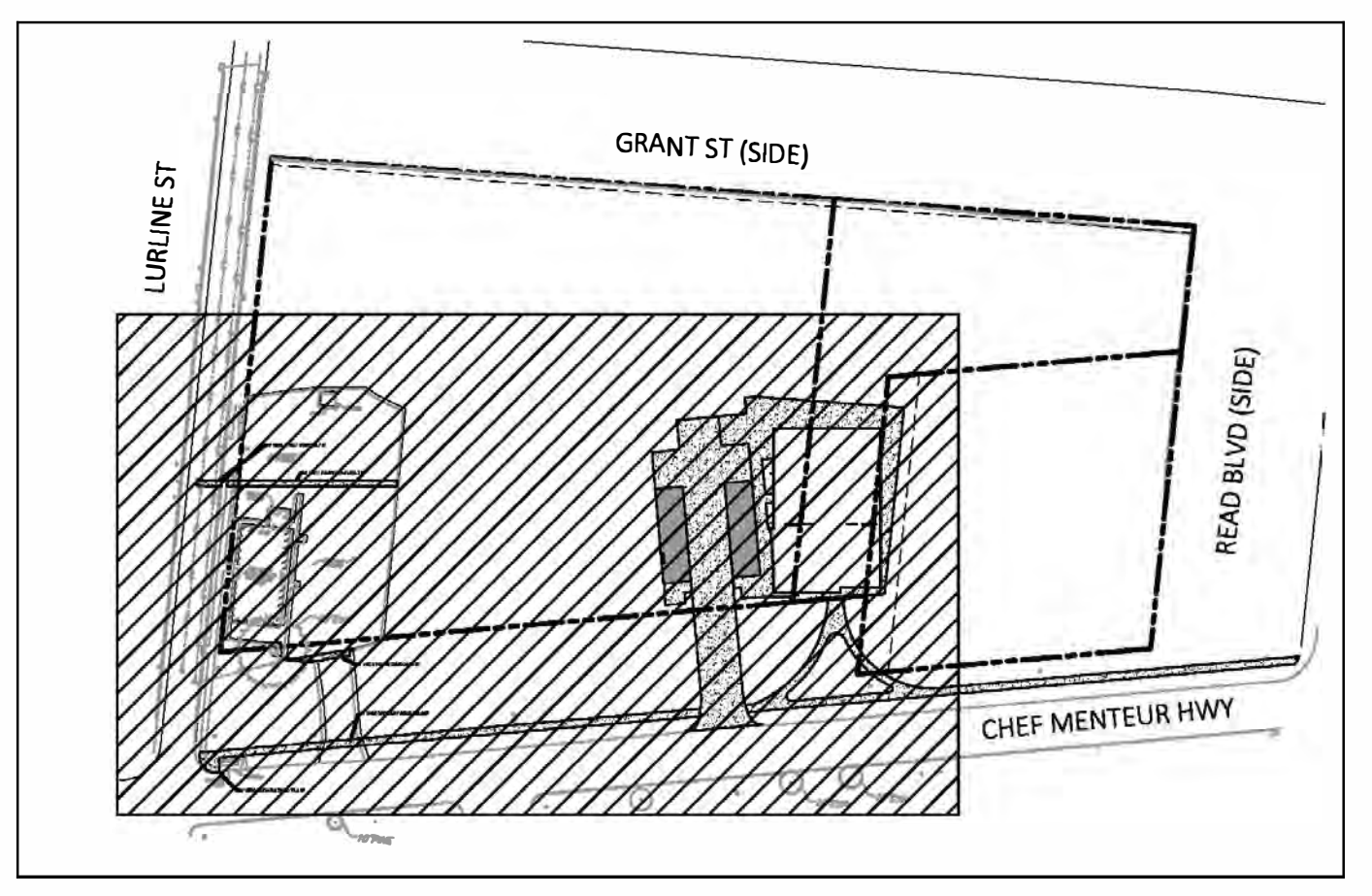
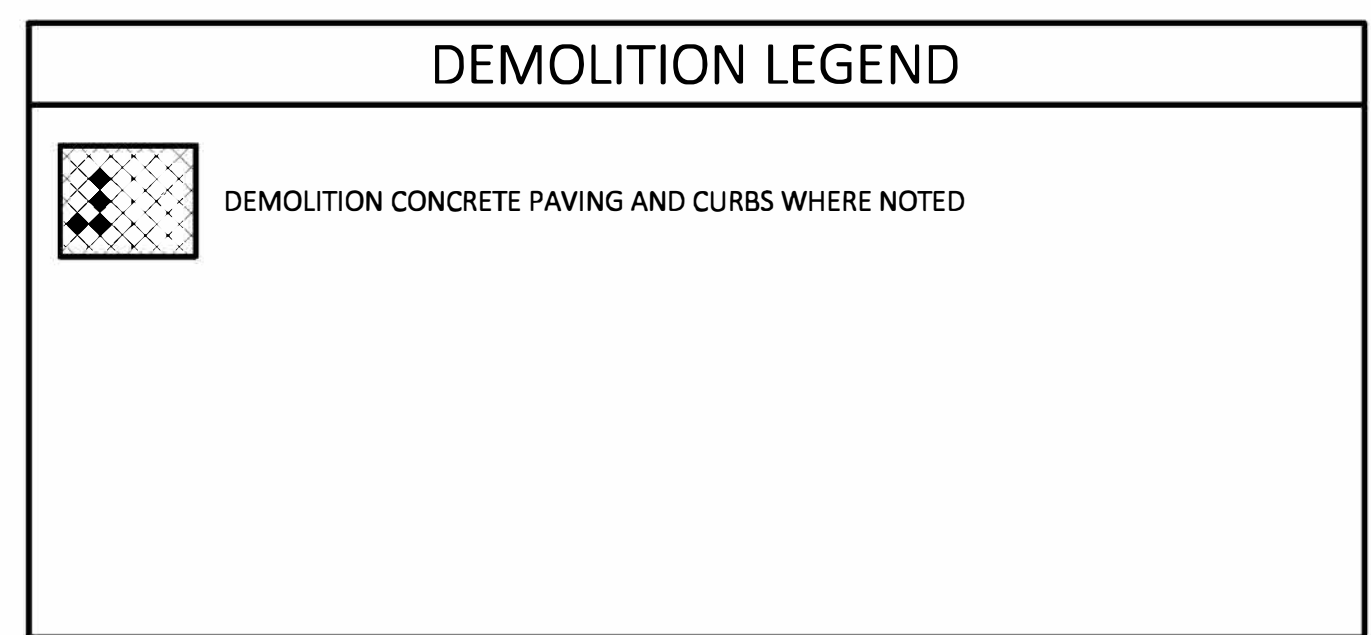


① Site Plan Phase 1
1" = 30'-0"

DEMOLITION NOTES:

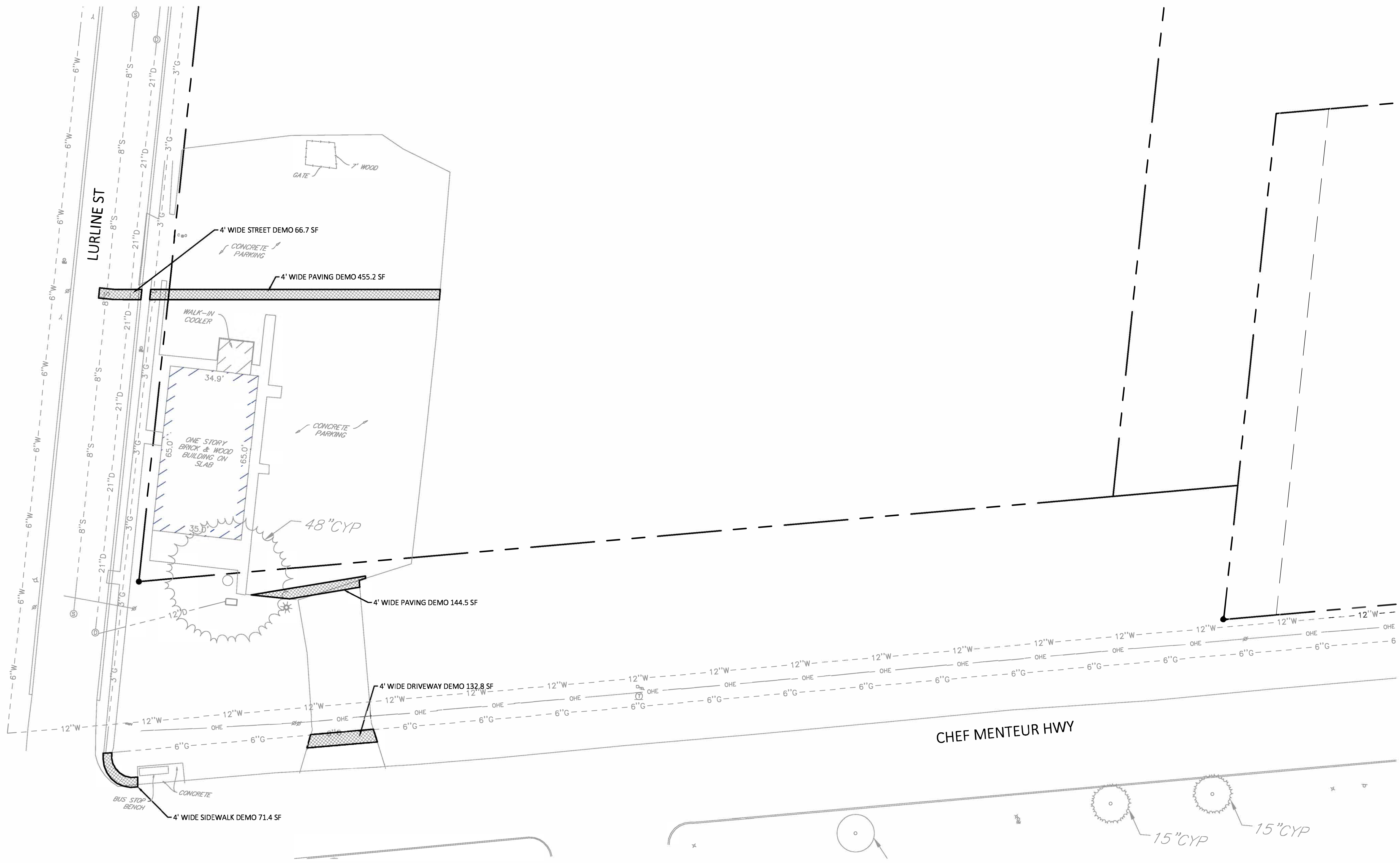
- CONTRACTOR SHALL CONTACT ALL APPLICABLE UTILITY AGENCIES TO VERIFY THAT UTILITY SERVICES HAVE BEEN TERMINATED OR DISCONNECTED PRIOR TO REMOVAL OF STRUCTURES (BUILDINGS), WATER METERS, GAS METERS, ETC.
- THE LOCATIONS OF UNDERGROUND AND OTHER NONVISIBLE UTILITIES SHOWN HEREON HAVE BEEN PLOTTED BASED UPON DATA EITHER FURNISHED BY THE AGENCIES CONTROLLING SUCH DATA AND/OR OBTAINED FROM RECORDS MADE AVAILABLE TO USE BY THE AGENCIES CONTROLLING SUCH RECORDS. WHERE FOUND, THE SURFACE FEATURES OF UTILITIES ARE SHOWN. THE ACTUAL NON-VISIBLE LOCATIONS MAY VARY FROM THOSE SHOWN HEREON. EACH AGENCY SHOULD BE CONTACTED RELATIVE TO THE PRECISE LOCATION OF ITS UNDERGROUND INSTALLATIONS PRIOR TO ANY RELIANCE UPON THE ACCURACY OF SUCH LOCATIONS SHOWN HEREON. PRIOR TO EXCAVATION AND DIGGING CALL LOUISIANA ONE CALL (#811).
- CONTRACTOR SHALL FILL TRENCHES/VOIDS CREATED BY REMOVAL OF PIPES, DROP INLETS, TREES, STRUCTURES, ETC. WITH SELECT STRUCTURAL FILL. REMOVAL AND BACKFILLING OF THESE ITEMS SHALL CONFORM TO THE REQUIREMENTS OUTLINED IN SECTION 202 OF THE LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES (LSSRD), 2006 EDITION.
- CLEARING AND STRIPPING - CONTRACTOR SHALL CLEAR THE EXISTING GROUND SURFACE OF PAVEMENT, VEGETATION, STUMPS, LOOSE TOPSOIL, DEBRIS, LOOSE FILL, ORGANIC MATTER, DEMOLITION DEBRIS, AND ANY OTHER DELETERIOUS MATERIALS. STRIPPING SHOULD BE TO A DEPTH NECESSARY TO REMOVE VEGETATION AND ROOTS AND REACH FIRM UNDISTURBED SOIL. CLEARING SHALL CONFORM TO THE REQUIREMENTS OUTLINED IN SECTION 201 OF THE LOUISIANA STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES (LSSRD), 2006 EDITION. TOPSOIL, EXISTING ROOTS, ORGANIC MATERIAL, AND ANY FILL MATERIAL REMOVED FROM AREAS BELOW NEW RETAINING WALLS AND PAVEMENT CAN BE USED AS TOPSOIL IN LANDSCAPE AREAS.
- SUBGRADE PREPARATION - AFTER REACHING FIRM UNDISTURBED SOIL, EXPOSED GROUND SHALL BE PROOF ROLLED WITH A BULLDOZER, COMPACTOR OR TRACKED VEHICLE EXERTING A GROUND PRESSURE BETWEEN 10 AND 15 PSI. NO VIBRATORY SYSTEM (IF PRESENT) SHALL BE USED DURING PROOF ROLLING. PROOF ROLLING SHALL BE PERFORMED DURING PERIODS OF DRY WEATHER. THE GEO-TECHNICAL ENGINEER SHALL BE PRESENT DURING PROOF ROLLING.

- CONTRACTOR SHALL PROVIDE DRAINAGE AWAY FROM PLANNED PAVING AREAS TO PREVENT WATER PONDING ON THE SITE DURING CONSTRUCTION.
- STRUCTURAL FILL - SHALL BE DEFINED AS A SELECT GRANULAR MATERIAL (SUCH AS LOCALLY AVAILABLE RIVER SAND), SAND FILL (AASHTO A-3) SHOULD BE NON-PLASTIC AND FREE OF ROOTS, CLAY LUMPS, AND OTHER DELETERIOUS MATERIALS WITH NO MORE THAN 10% BY WEIGHT OF MATERIAL PASSING A U.S. STANDARD NO. 200 MESH SIEVE. THE MAXIMUM ORGANIC CONTENT SHOULD NOT EXCEED 5% BY WEIGHT. PRIOR TO TRANSPORTING STRUCTURAL FILL TO THE SITE, A SAMPLE SHOULD BE TESTED TO VERIFY ITS CONFORMANCE TO THESE RECOMMENDATIONS.
- COMPACTION - STRUCTURAL FILL USED BENEATH GRADE SUPPORTED FOOTINGS AND PAVEMENTS SHOULD BE PLACED IN 6 TO 8-IN. LOOSE LIFTS AND COMPACTED TO AT LEAST 95% OF ITS MAXIMUM DRY DENSITY NEAR OPTIMUM MOISTURE IN ACCORDANCE WITH ASTM D 1557. STRUCTURAL FILL OR GENERAL FILL USED FOR NON-STRUCTURAL GRADING SHOULD BE SPREAD IN LOOSE LIFTS OF 10 TO 12 INCHES AND COMPACTED BY SEVERAL PASSES OF A BULLDOZER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGES TO EXISTING UTILITIES WHICH OCCUR DURING CONSTRUCTION AND SHALL IMMEDIATELY REPORT ANY DAMAGES TO THE UTILITY ENTITIES. ALL REPAIRS OF THE DAMAGED UTILITIES SHALL BE DONE BY THE RESPECTIVE UTILITY ENTITY. ALL REPAIRS SHALL BE DONE AT THE CONTRACTORS EXPENSE.
- ANY WORK IN THE ROADWAY OR ADJACENT TO THE ROADWAY CAUSING AN INTERFERENCE TO VEHICULAR TRAFFIC REQUIRES PRIOR NOTIFICATION TO CITY OF NEW ORLEANS DPW TRAFFIC ENGINEERING DIVISION AND CONFORMITY TO THE REQUIREMENTS OF THE UNIFORM MANUAL ON TRAFFIC CONTROL DEVICES OF THE STATE OF LOUISIANA. THE CONTRACTOR MUST FURNISH ALL TRAFFIC SIGNS AND/OR BARRICADES AND MAINTAIN THEM DURING CONSTRUCTION ACTIVITY.



SCALE: 1"=40' (15x21)
SCALE: 1"=20' (30x42)

**PRELIMINARY NOT FOR CONSTRUCTION
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C101 DEMOLITION PLAN
1"=20'

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REV. NO.	DATE	DESCRIPTION

**CHEF MENTEUR MEDICAL
CLINIC**

9901 CHEF MENTEUR HWY.
NEW ORLEANS, LA 70127

DRAWN BY:
BATTURE

CHECKED BY:
BATTURE

DATE:
JUNE 2, 2023

ISSUE:
PERMIT

PROFESSIONAL OF RECORD:
batture@batture-eng.com

DEMOLITION PLAN

SHEET NUMBER:
C101



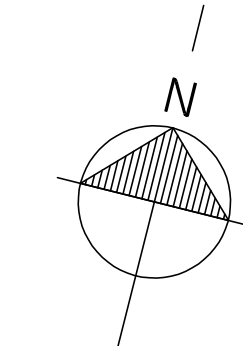
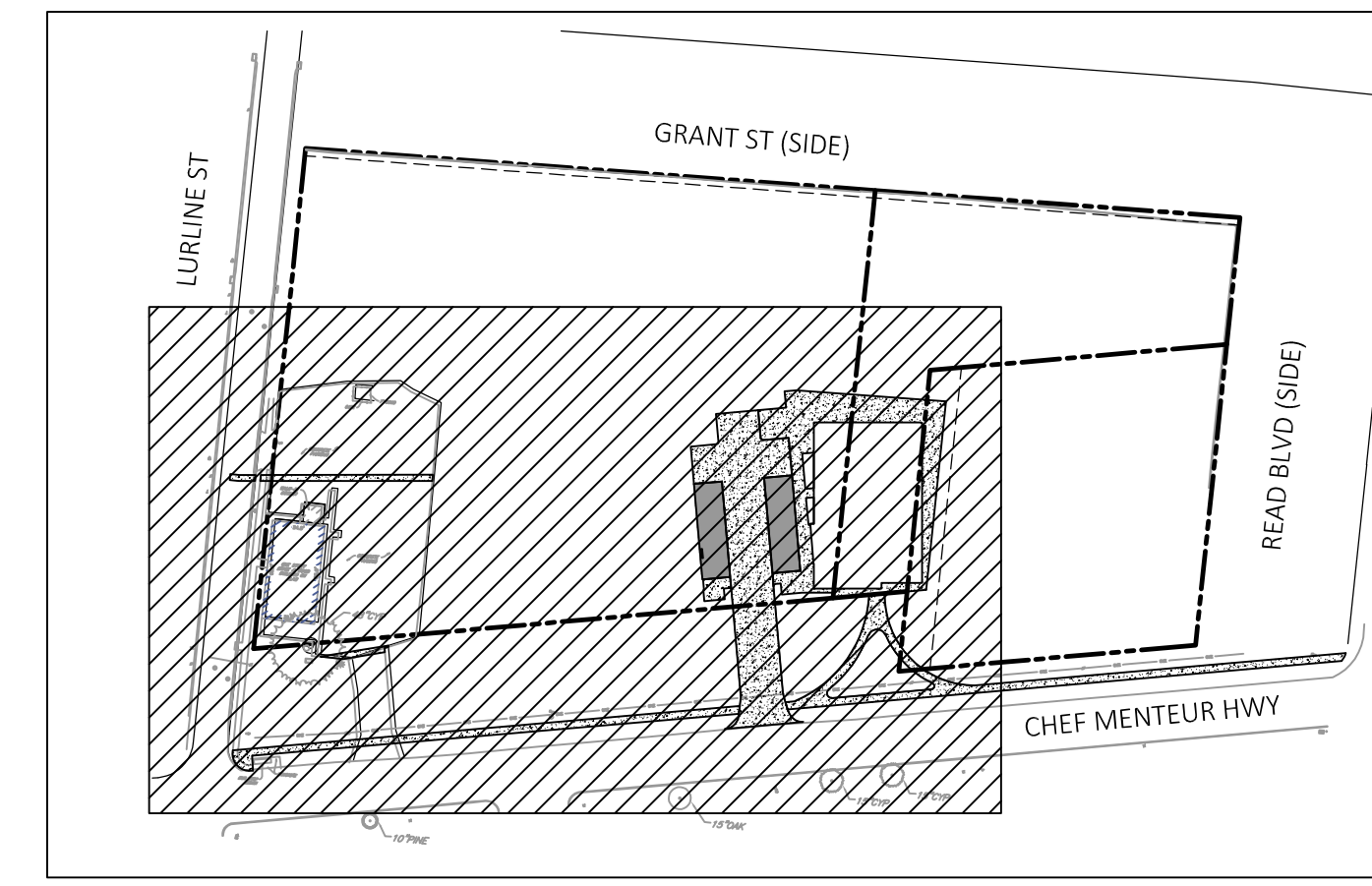
SITE PLAN NOTES:

- CONTRACTOR SHALL BE RESPONSIBLE FOR LAYING OUT THE WORK, VERIFYING ALL MEASUREMENTS AND GRADES AND REPORTING ANY DISCREPANCIES TO THE ENGINEER BEFORE STARTING CONSTRUCTION.
- ANY WORK IN THE ROADWAY OR ADJACENT TO THE ROADWAY CAUSING AN INTERFERENCE TO VEHICULAR TRAFFIC REQUIRES PRIOR NOTIFICATION TO CITY OF NEW ORLEANS DPW TRAFFIC ENGINEERING DIVISION AND CONFORMITY TO THE REQUIREMENTS OF THE UNIFORM MANUAL ON TRAFFIC CONTROL DEVICES OF THE STATE OF LOUISIANA. THE CONTRACTOR MUST FURNISH ALL TRAFFIC SIGNS AND/OR BARRICADES AND MAINTAIN THEM DURING CONSTRUCTION ACTIVITY.
- REFER TO BOUNDARY SURVEY FOR EXISTING MONUMENTS TO LAYOUT PROPERTY LINE.
- BRING UP GRADE UNDER ALL PAVEMENT WITH STRUCTURAL FILL COMPACTED IN ACCORDANCE WITH SPECIFICATIONS.
- ALL DIMENSIONS SHOWN ARE FROM:
 - FACE OF CURB TO FACE OF CURB
 - FACE OF CURB TO PROPERTY LINE
 - FACE OF CURB TO CENTER OF STRUCTURE (DROP INLET, MANHOLE, ETC.)
 - PROPERTY LINE TO BUILDING FACE
- ALL CURB RADII SHALL BE 3 FEET UNLESS OTHERWISE NOTED ON THIS PLAN.
- ALL PAINT STRIPING, PAVEMENT MARKINGS, AND SIGNAGE SHALL CONFORM TO THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" OR AS OTHERWISE SPECIFIED. ALL REFERENCED SIGN STANDARDS ARE TAKEN FROM THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES". ALL NEW SIGNS SHALL BE MOUNTED ON GALVANIZED POSTS AND IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS.
- CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ALL EROSION CONTROL DEVICES SHOWN ON THE APPROVED PLANS FOR THE DURATION OF CONSTRUCTION OR UNTIL FINAL INSPECTION.

STORMWATER MANAGEMENT NOTE:

- ALL PERMEABLE PAVING INSTALLATIONS SHALL BE SUBJECT TO INFILTRATION TESTING AFTER INSTALLATION. TESTING SHALL BE CONDUCTED ACCORDING TO THE ASTM INTERNATIONAL C1701 OR C1781 STANDARDS, AS APPROPRIATE. ALL TYPES OF PERMEABLE PAVEMENT SHALL MAINTAIN A MINIMUM INFILTRATION RATE OF 200 INCHES PER HOUR.

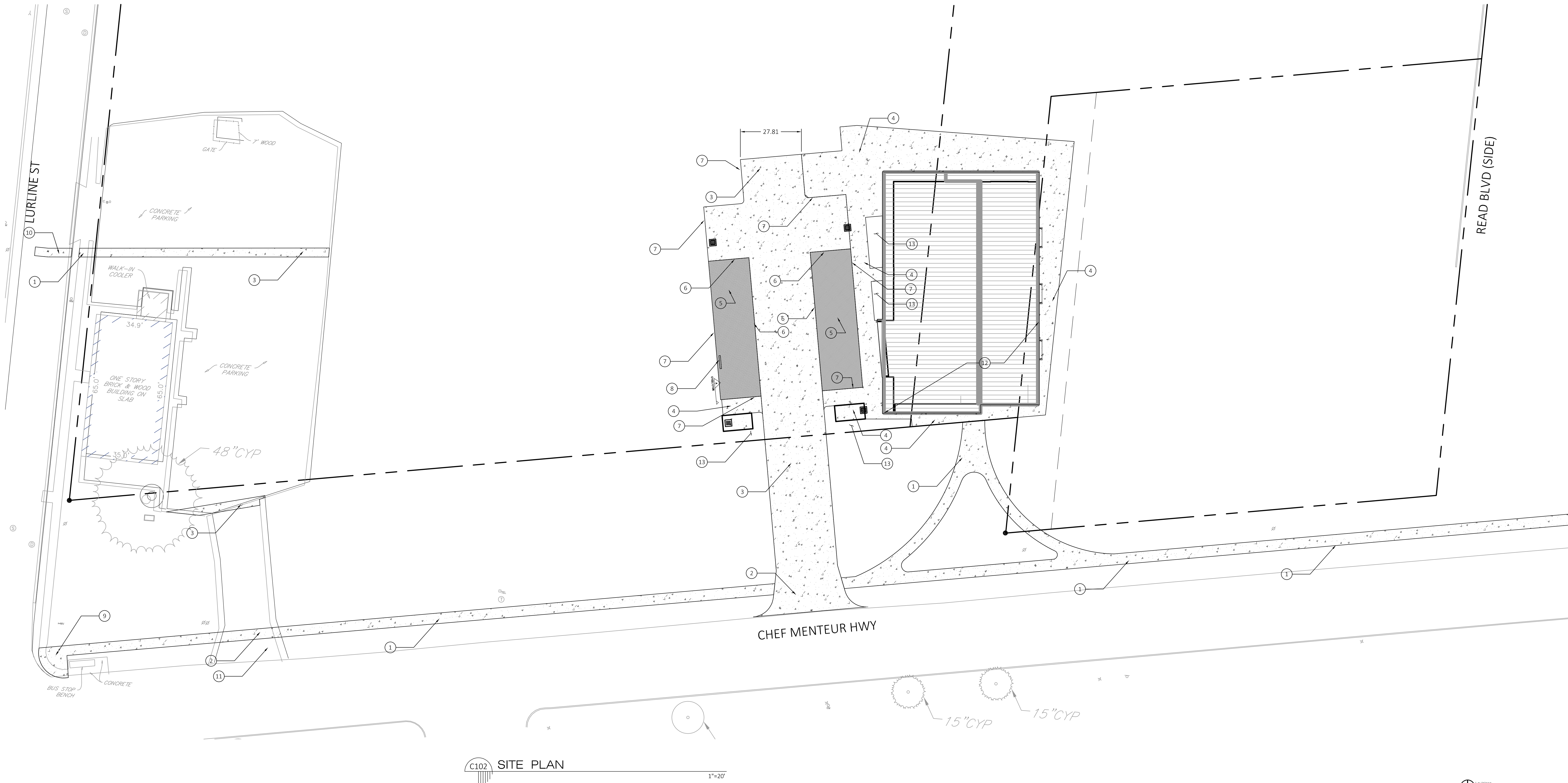
SITE PLAN LEGEND	
1	REQ'D 4" CONCRETE SIDEWALK (SEE SHT C105)
2	REQ'D 6" CONCRETE DRIVEWAY (SEE SHT C105)
3	REQ'D 6" CONCRETE PAVEMENT (SEE SHT C105)
4	REQ'D 4" CONCRETE PAVEMENT (SEE SHT C105)
5	REQ'D ECO-CITYLOCK FLAGSTONE PERMEABLE INTERLOCKING CONCRETE PAVEMENT SYSTEM (SEE SHT C105)
6	REQ'D BUTT CURB (SEE SHT C105)
7	REQ'D INTEGRAL BARRIER CURB (SEE SHT C105)
8	REQ'D PRE-CAST CONCRETE PARKING BUMPERS (SEE SHT C105)
9	REQ'D ADA RAMP PER DPW STANDARD DETAILS
10	REMOVE AND REPLACE STREET AND CURB TO FACILITATE UTILITY INSTALLATION. CONTRACTOR SHALL ACQUIRE PERMIT PRIOR TO WORK
11	EXISTING DRIVEWAY TO REMAIN
12	REF: STRUCTURAL
13	REF: LANDSCAPE



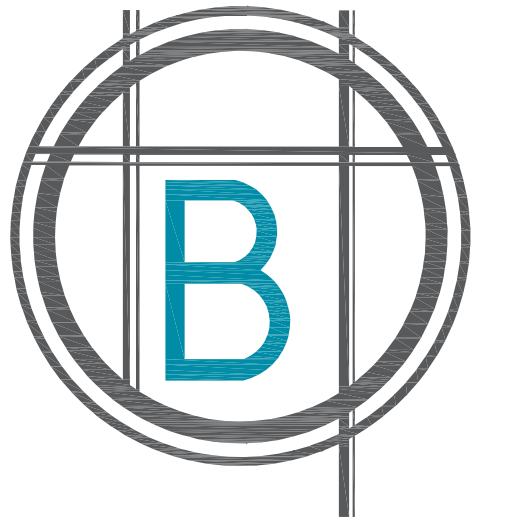
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KEY PLAN

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C102 SITE PLAN 1"=20'



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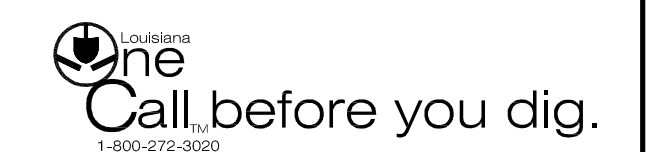


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SITE PLAN

SHEET NUMBER:

C102



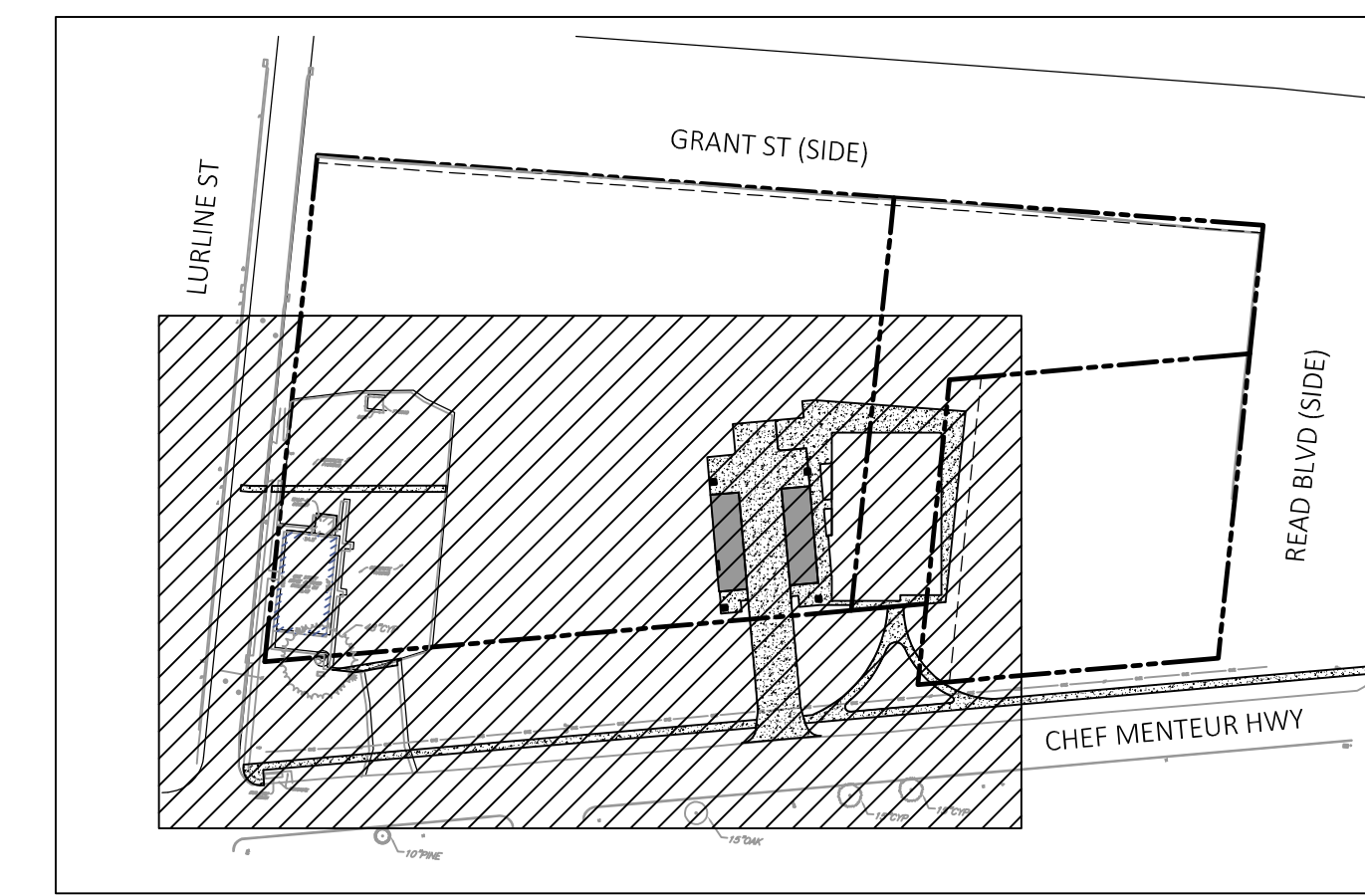
UTILITY NOTES:

- UTILITY EXCAVATIONS SHALL CONFORM TO THE CURRENT OSHA EXCAVATION AND TRENCH SAFETY STANDARDS.
- ALL CONSTRUCTION TO BE IN ACCORDANCE WITH THE LATEST ORLEANS PARISH UTILITY DEPARTMENT STANDARDS AND SPECIFICATIONS.
- SHOULD ANY UNCHARTED OR INCORRECTLY CHARTED UTILITIES BE ENCOUNTERED, THE CONTRACTOR SHALL CONTACT THE OWNER IMMEDIATELY FOR DIRECTIONS.
- CONTRACTOR SHALL COORDINATE ANY INTERRUPTION OF UTILITY SERVICE WITH OWNER AND UTILITY COMPANY.
- THE CONTRACTOR IS RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL EXISTING UTILITIES DURING CONSTRUCTION, AT LEAST 48 HOURS PRIOR TO ANY DEMOLITION, GRADING OR CONSTRUCTION ACTIVITY THE CONTRACTOR SHALL NOTIFY THE CITY UTILITY DEPARTMENT FOR PROPER IDENTIFICATION OF EXISTING UTILITIES WITHIN THE PROJECT SITE.
- ANY PLANNED INTERRUPTION OF UTILITY SERVICE SHALL BE GIVEN A 48 HOUR NOTICE TO THE UTILITY COMPANY AND THE OWNER.
- THE LOCATIONS OF UNDERGROUND AND OTHER NONVISIBLE UTILITIES SHOWN HEREON HAVE BEEN PLOTTED BASED UPON DATA EITHER FURNISHED BY THE AGENCIES CONTROLLING SUCH DATA AND/OR OBTAINED FROM RECORDS MADE AVAILABLE TO USE BY THE AGENCIES CONTROLLING SUCH RECORDS. WHERE FOUND, THE SURFACE FEATURES OF UTILITIES ARE SHOWN. THE ACTUAL NON-VISIBLE LOCATIONS MAY VARY FROM THOSE SHOWN HEREON. EACH AGENCY SHOULD BE CONTACTED RELATIVE TO THE PRECISE LOCATION OF ITS UNDERGROUND INSTALLATIONS PRIOR TO ANY RELIANCE UPON THE ACCURACY OF SUCH LOCATIONS SHOWN HEREON. PRIOR TO EXCAVATION AND DIGGING CALL LOUISIANA ONE CALL (#811).
- CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL EXISTING UTILITIES.
- CONTRACTOR MUST FIELD VERIFY ALL EXISTING DRAINAGE & SEWER INVERTS. NOTIFY ENGINEER OF ANY PROBLEMS BEFORE CONSTRUCTION BEGINS.
- CONTRACTOR TO COORDINATE SEWER AND WATER CONNECTIONS WITH SEWERAGE AND WATER BOARD OF NEW ORLEANS.

S&WB NOTES:

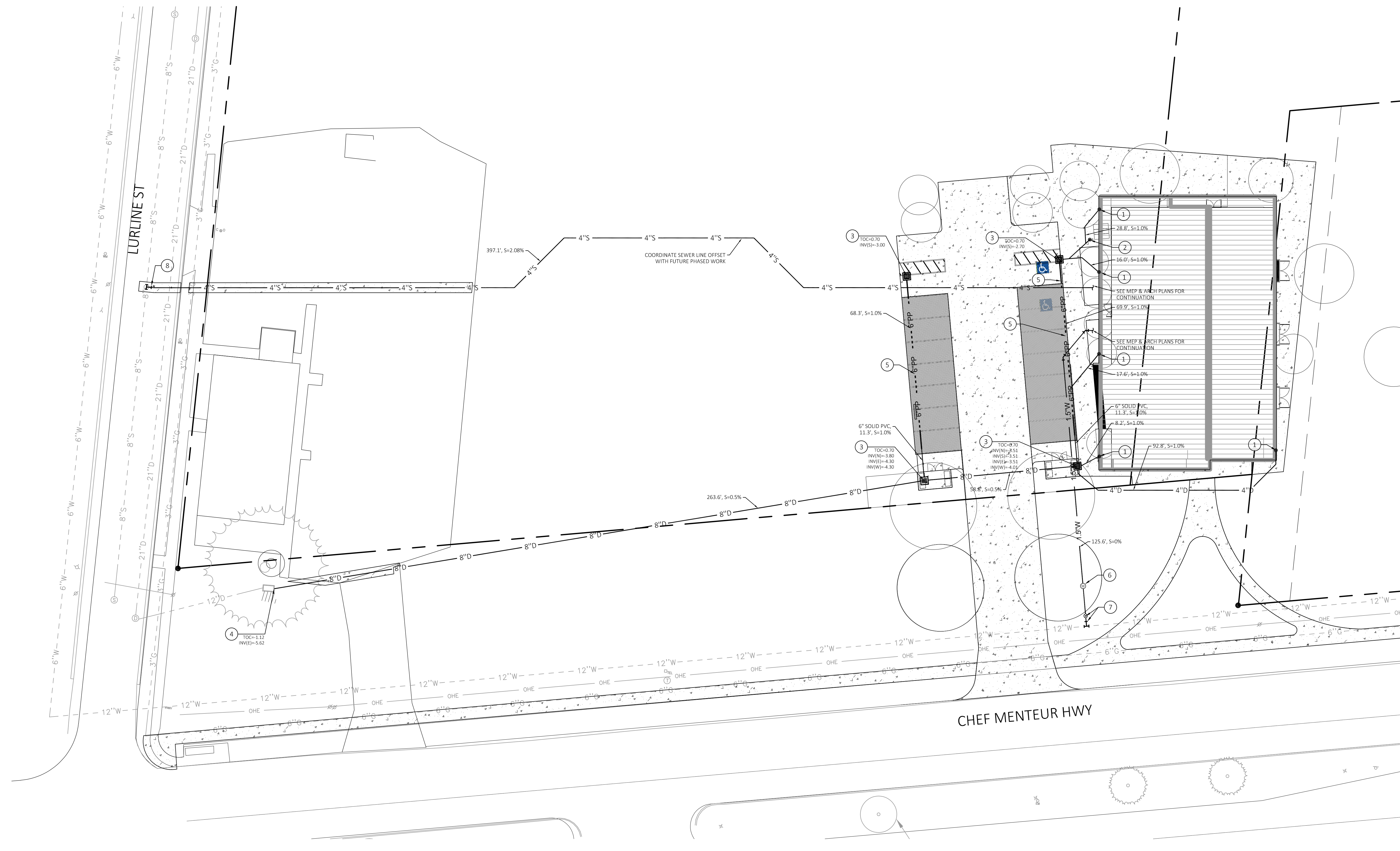
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH S&WB GENERAL SPECIFICATIONS, S&WB STANDARD DRAWINGS, AND S&WB DRAWING NO. 7260.
- CONTRACTOR SHALL CONTACT HADI AMINI (505-865-0445) OF S&WB CONSTRUCTION ADMINISTRATION AND INSPECTION DEPARTMENT A MINIMUM OF 48 HOURS PRIOR TO BEGINNING CONSTRUCTION TO ARRANGE FOR INSPECTION.
- CONTRACTOR SHALL PROVIDE THE FOLLOWING TO THE S&WB CONSTRUCTION ADMINISTRATION DEPARTMENT BEFORE BEGINNING CONSTRUCTION
- PROOF OF LOUISIANA MUNICIPAL AND PUBLIC WORKS CONTRACTORS LICENSE
- DEPARTMENT OF PUBLIC WORKS STREET CUT PERMIT
- PROOF OF INSURANCE INDEMNIFYING THE S&WB OF NEW ORLEANS IN THE AMOUNT OF AT LEAST \$5,000,000.00
- ANY WORK OUTSIDE OF THE PUBLIC RIGHT OF WAY MUST BE REVIEWED AND APPROVED BY THE SEWERAGE AND WATER BOARD OF NEW ORLEANS PLUMBING DEPARTMENT IN ADVANCE OF CONSTRUCTION. A LICENSED MASTER PLUMBER MUST CONTACT THE PLUMBING DEPARTMENT AT 504-585-2160 TO VERIFY COMPLIANCE WITH ALL APPLICABLE GOVERNING REGULATIONS. OBTAINING THE SIGNATURE OF A REPRESENTATIVE OF S&WB ENGINEERING DOES NOT RELIEVE THE PLUMBER OF THIS OBLIGATION
- THE METER SHALL BE INSTALLED AS RECEIVED FROM S&WB METER DEPARTMENT AND MAY NOT BE MODIFIED IN ANY MANNER. ANY MODIFICATIONS WILL VOID THE UL WARRANTY AND, AS SUCH, MAY SUBJECT THE OWNER TO FINANCIAL PENALTY AND LOSS OF SERVICE.
- ALL BRONZE/ BRASS FITTINGS, CONNECTORS CORPORATION STOPS AND APPURTENANCES USED IN CONJUNCTION WITH PE TUBING SHALL BE DOMESTIC MANUFACTURE, SHALL BE MADE OF LEAD FREE BRONZE/BRASS, AND MEET ALL REQUIREMENTS OF AWWA, ASTM, AND ANSI FOR USE IN THE POTABLE WATER DISTRIBUTION SYSTEMS.

UTILITY PLAN LEGEND			
(SIZE) W	REQ'D WATER LINE	(W)	REQ'D WATER MANHOLE
(SIZE) S	REQ'D SEWER LINE	(S)	REQ'D SEWER MANHOLE
(SIZE) D	REQ'D DRAIN LINE	(D)	REQ'D DRAIN MANHOLE
(SIZE) PP	REQ'D PERFORATED DRAIN LINE	(DI)	REQ'D DROP INLET
TOC = 3.68 INV(E) = 6.57 INV(W) = 6.65 INV(N) = 5.89	TOC = TOP OF CASTING INV = INVERT (DIRECTION)	(E)	REQ'D ELEVATION
1	REQ'D 4" DOWNSPOUT CONNECTION (SEE SHT C107)	5	UNDERDRAIN ASSEMBLY (SEE SHT C107)
2	REQ'D DRAIN CLEANOUT (SEE SHT C107)	6	REQ'D 1-1/2" DOMESTIC WATER METER ASSEMBLY, COORDINATE WITH SWBNO TO TIE IN TO MAIN. (SEE SHT C107)
3	REQ'D DROP INLET (SEE SHT C107)	7	12"x12"x12" TEE W/ 12"x1-1/2" REDUCER
4	REQ'D 8" TIE-IN TO EXISTING DRAIN MANHOLE (SEE SHT C107)	8	REQ'D 4" TIE-IN TO EXISTING SEWER LINE PER SWBNO STANDARDS

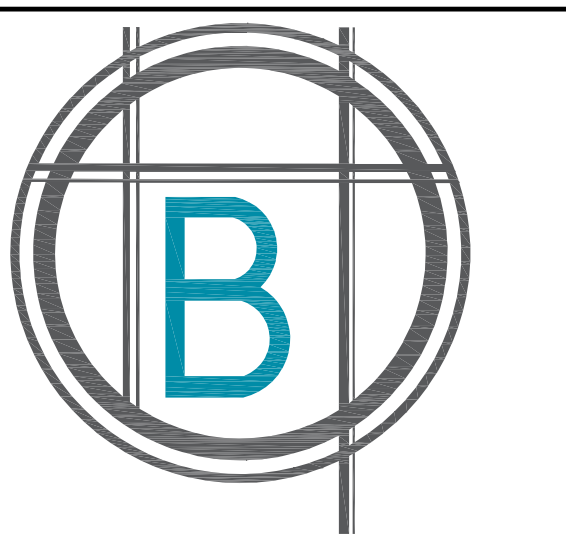


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C104 UTILITY PLAN
1"=20'



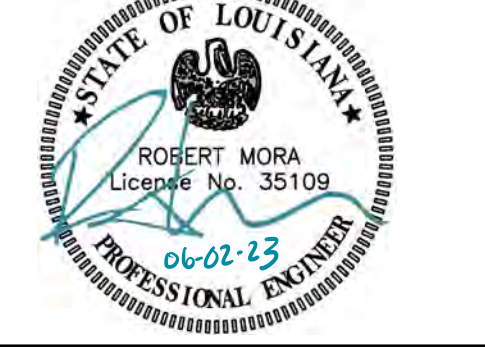
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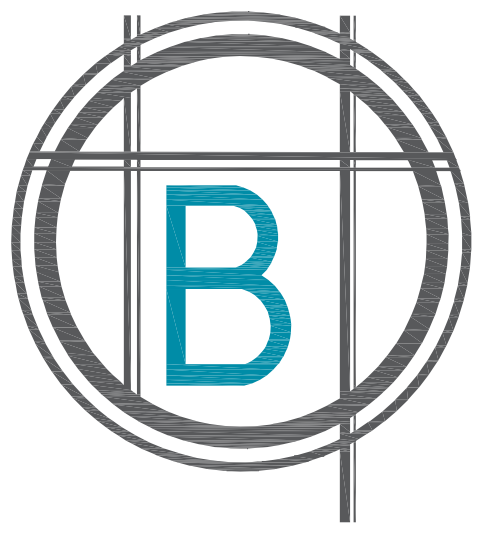


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UTILITY PLAN

SHEET NUMBER:
C104





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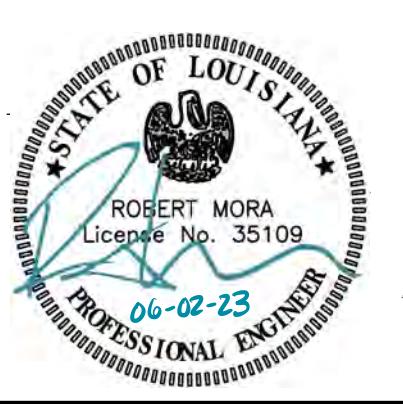
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BATTURE

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JUNE 2, 2023

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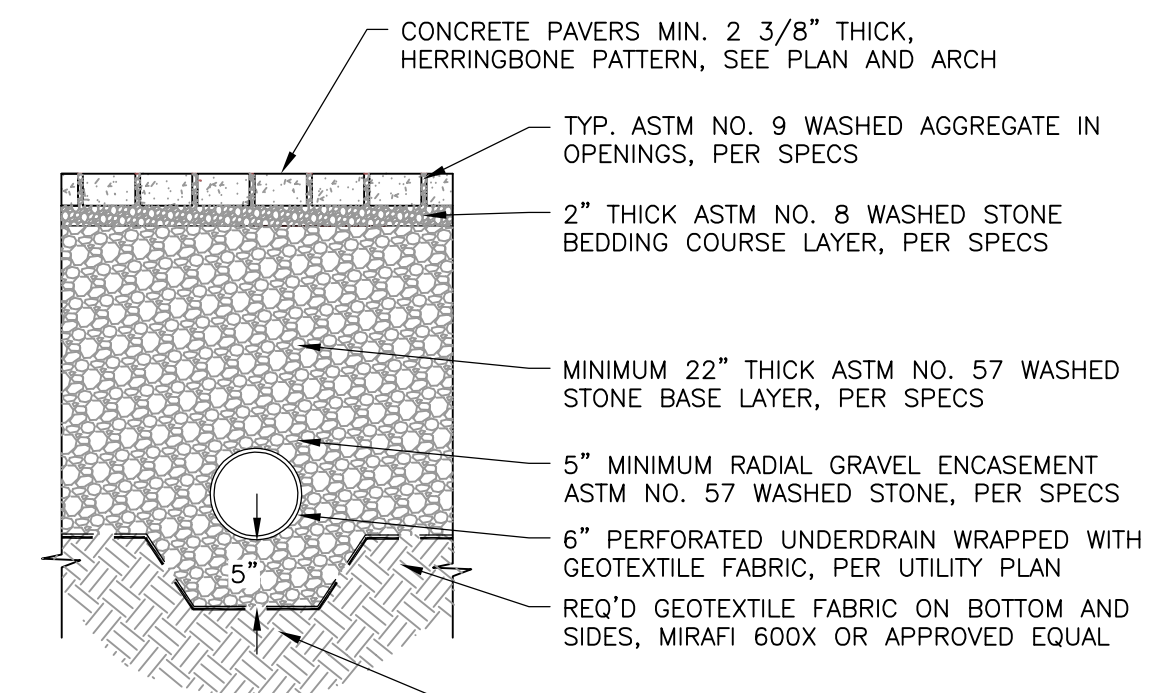
PROFESSIONAL OF RECORD:
rmora@batture-eng.com

PAVING DETAILS

SHEET NUMBER:

C105

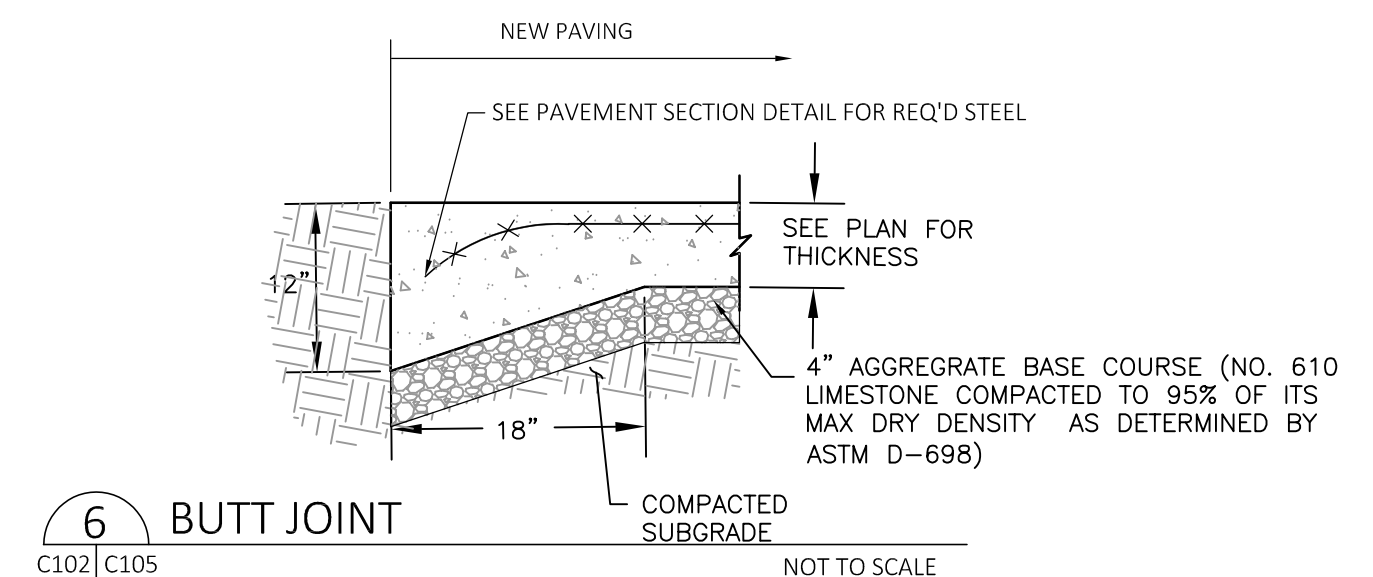
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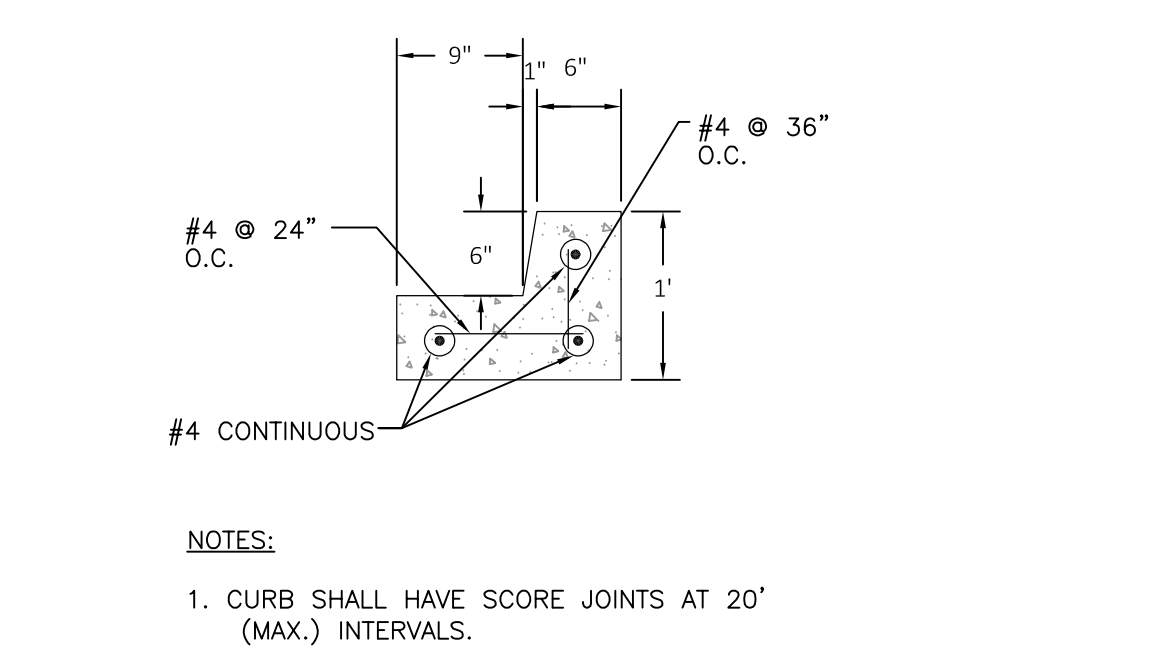
NOTE:

- ALL PERMEABLE PAVEMENT INSTALLATIONS SHALL BE SUBJECT TO INFILTRATION TESTING AFTER INSTALLATION. TESTING SHALL BE CONDUCTED ACCORDING TO THE ASTM INTERNATIONAL C1701 OR C1781 STANDARDS, AS APPROPRIATE.
- ALL TYPES OF PERMEABLE PAVEMENT SHALL MAINTAIN A MINIMUM INFILTRATION RATE OF 200 INCHES PER HOUR.

5 PERMEABLE INTERLOCKING CONCRETE PAVERS
C102 | C105 NOT TO SCALE



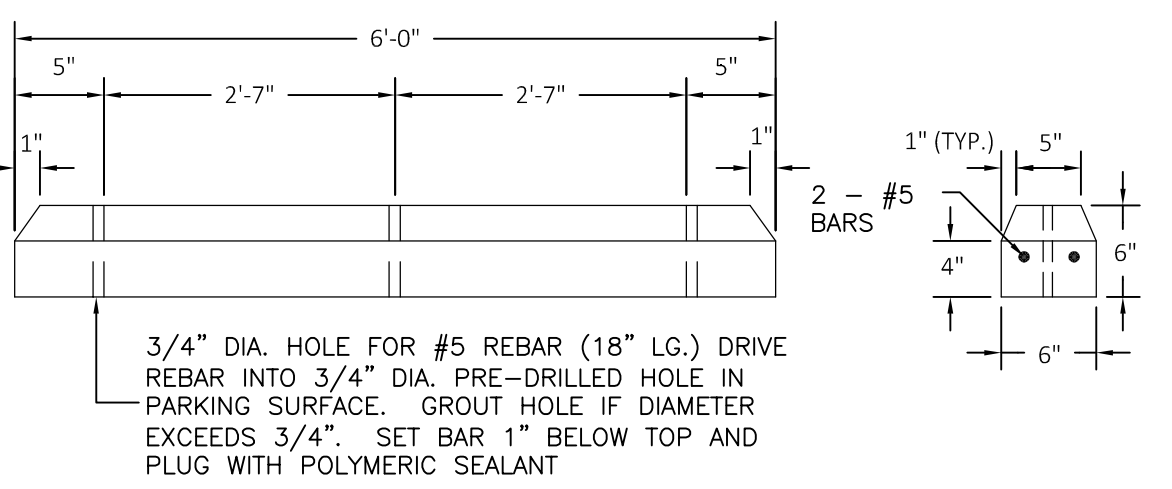
6 BUTT JOINT
C102 | C105 NOT TO SCALE



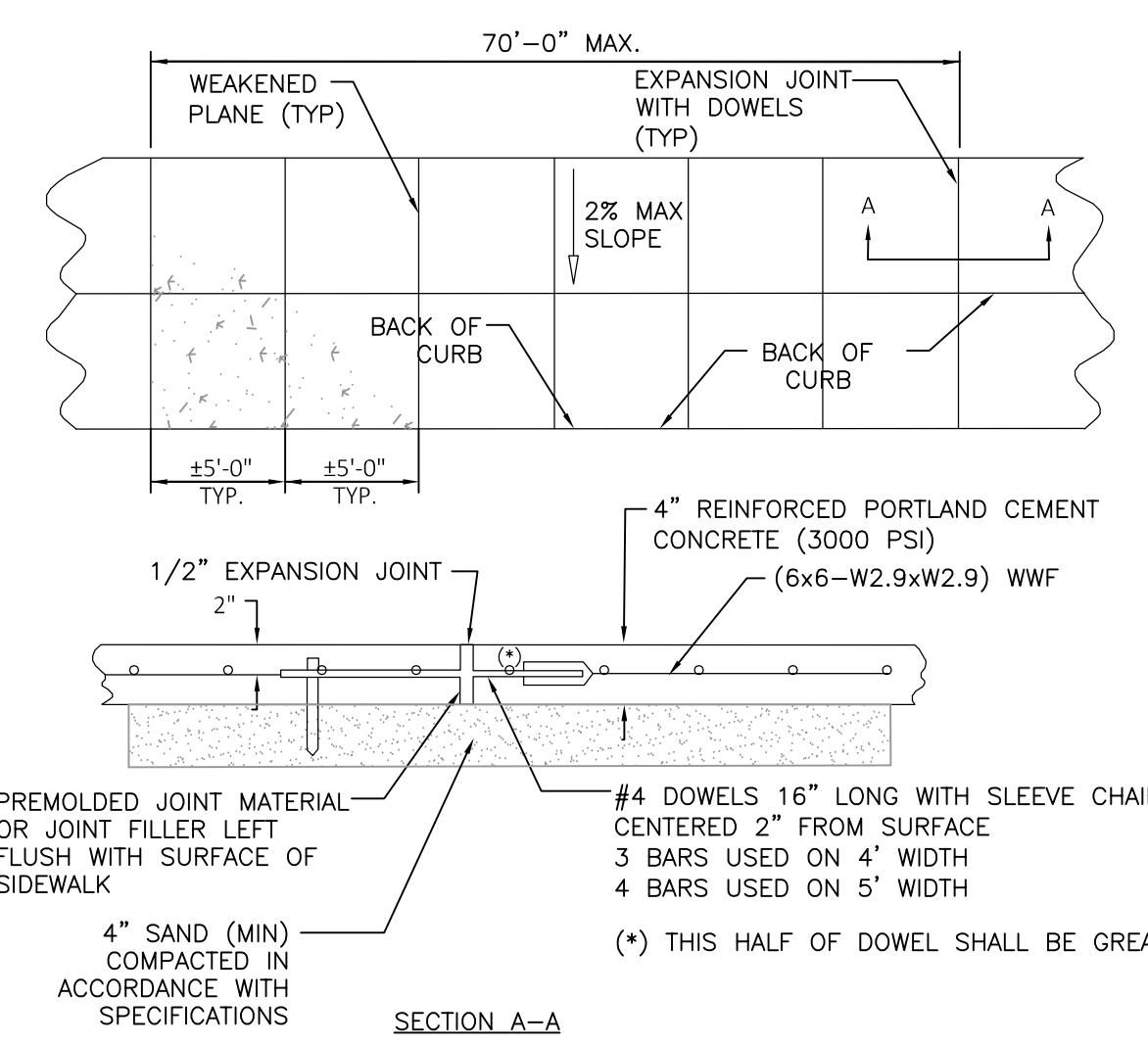
NOTE:

- CURB SHALL HAVE SCORE JOINTS AT 20' (MAX.) INTERVALS.

7 INTEGRAL BARRIER CURB
C102 | C105 NOT TO SCALE



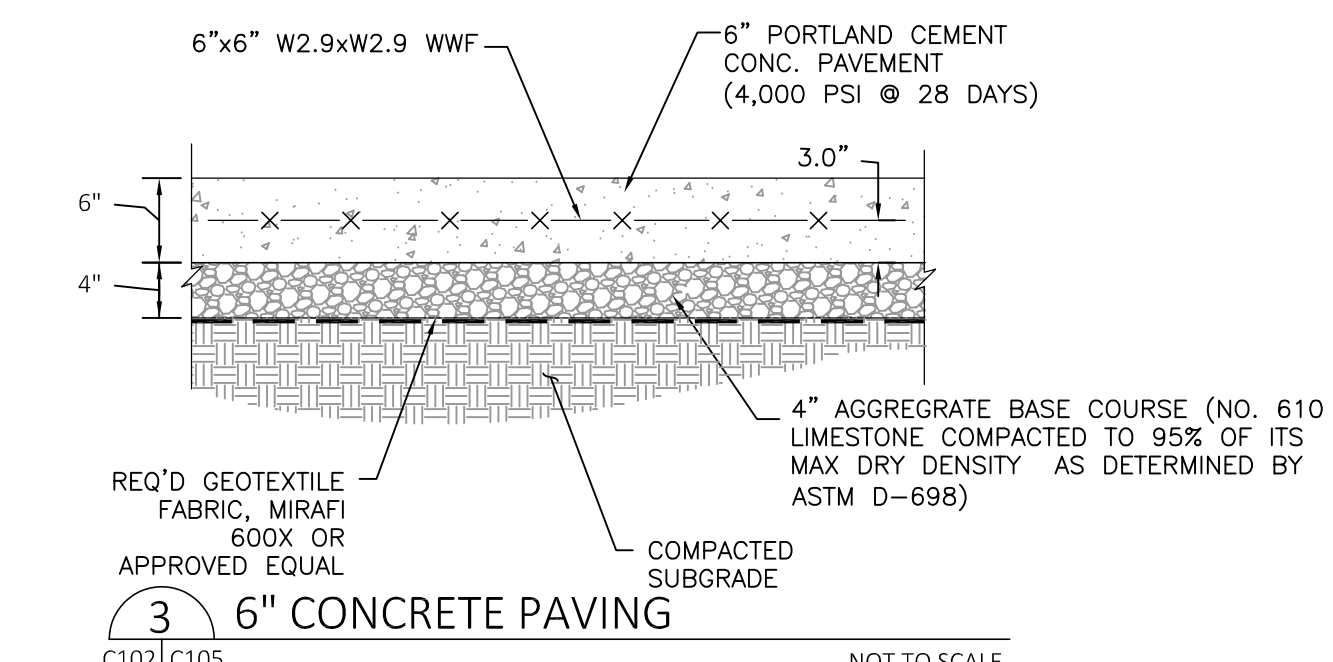
8 PARKING BUMPERS
C102 | C105 NOT TO SCALE



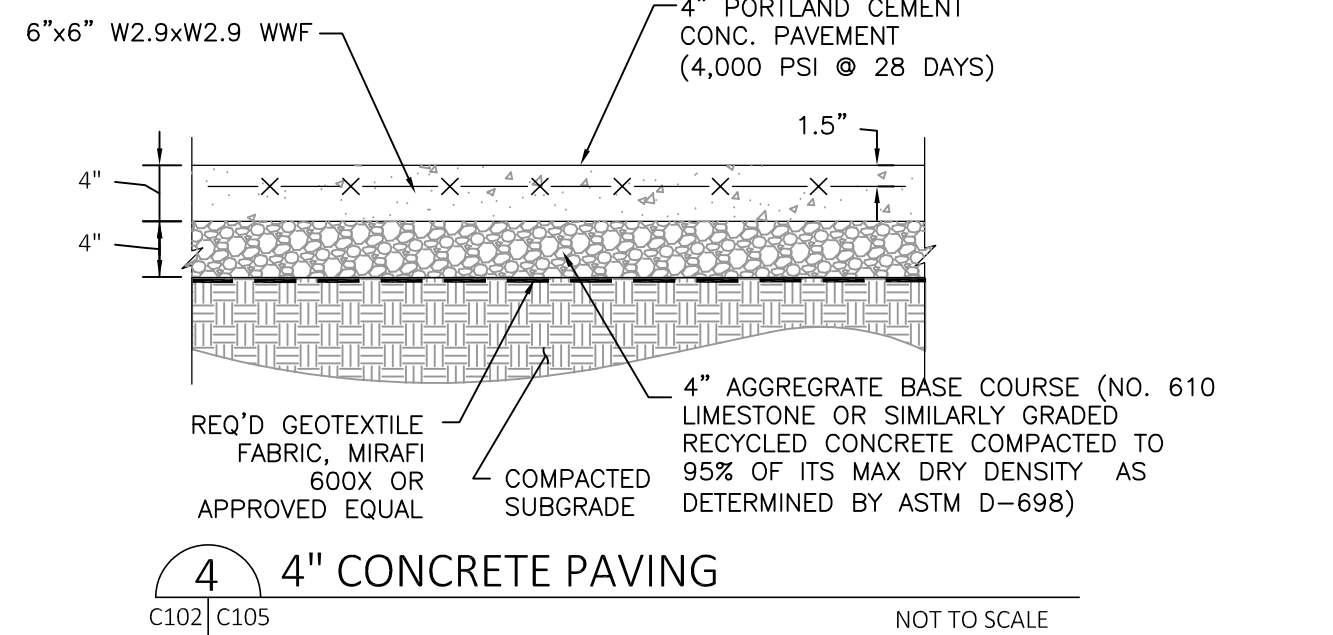
NOTES:

- SAND SUBBASE SHOULD BE COMPACTED TO 95% OF ITS MAXIMUM DRY DENSITY NEAR OPTIMUM WATER CONTENT USING ASTM D 1557.
- COMPACTED SAND (I.E. RIVER SAND) - SHALL BE NON-PLASTIC AND FREE OF ROOTS, CLAY LUMPS, AND OTHER DELETERIOUS MATERIALS WITH NO MORE THAN 10% BY WEIGHT OF MATERIAL PASSING A U.S. STANDARD NO. 200 MESH SIZE. MAXIMUM ORGANIC CONTENT SHOULD NOT EXCEED 5% BY WEIGHT. PRIOR TO TRANSPORTING FILL TO THE SITE, A SAMPLE SHOULD BE TESTED TO VERIFY ITS CONFORMANCE TO THESE REQUIREMENTS.
- GEOTEXTILE STABILIZATION FABRIC SHALL MEET OR EXCEED THE MATERIAL REQUIREMENTS IN SECTION 1019.01 OF THE LSSRB. A CLASS C GEOTEXTILE SHOULD BE USED AND PLACED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
- SUBGRADE PREPARATION - AFTER STRIPPING, CLEARING, AND DEMOLITION OPERATIONS, THE EXPOSED GROUND SHOULD BE PROFFROLLED WITH A BULLDOZER, COMPACTOR, OR TRACKED VEHICLE EXERTING A GROUND PRESSURE BETWEEN 10 AND 15 PSI. THE VIBRATORY SYSTEM ON THE COMPACTOR, IF PRESENT, SHOULD NOT BE USED DURING PROFFROLLING. ANY WEEK AREAS SHOULD BE REMOVED AND BACKFILLED WITH COMPACTED SAND. CLEARING AND COMPACTION OPERATIONS SHALL ONLY BE PERFORMED DURING PERIODS OF DRY WEATHER.

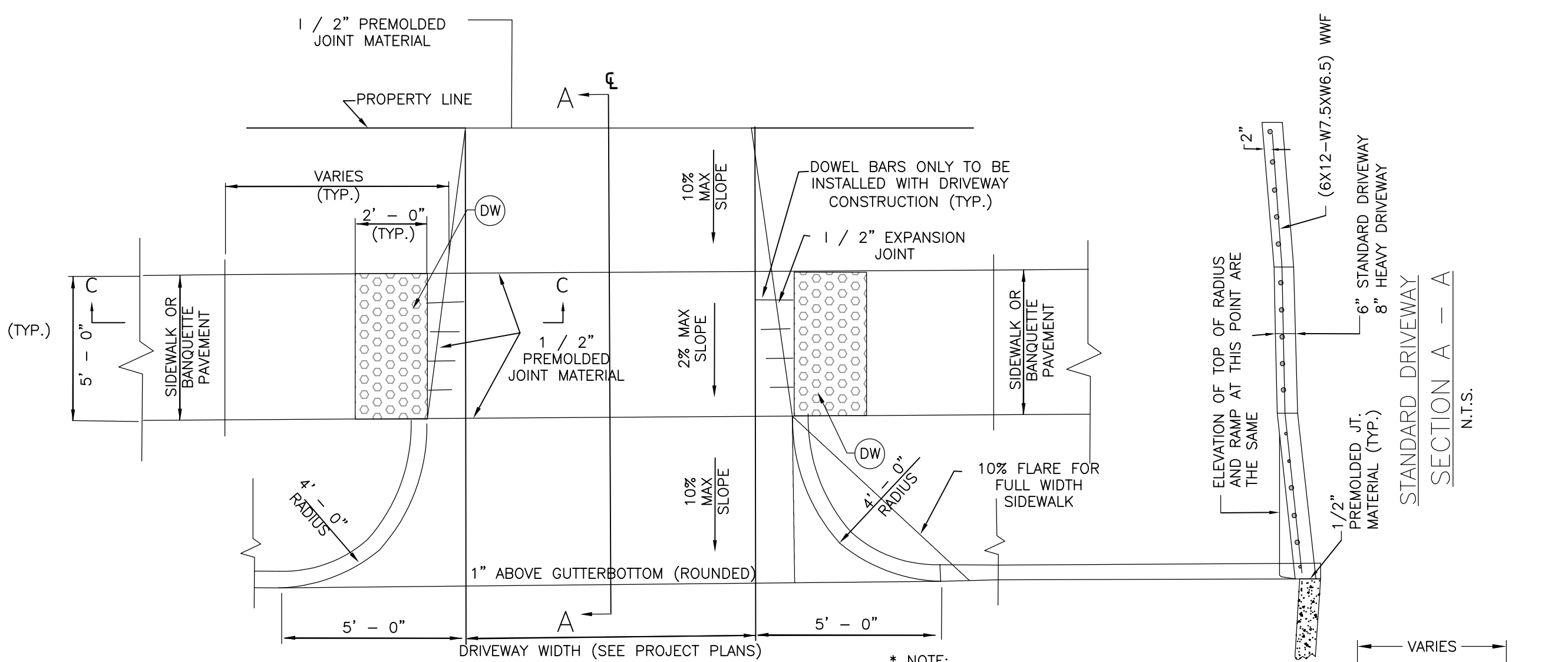
1 PLAN PORTLAND CEMENT CONCRETE SIDEWALK PAVEMENT (FULL)
C102 | C105 NOT TO SCALE



3 6" CONCRETE PAVING
C102 | C105 NOT TO SCALE



4 4" CONCRETE PAVING
C102 | C105 NOT TO SCALE



NOTE:

- TRUNCATED DOME ONLY REQUIRED AT SIGNALIZED COMMERCIAL DRIVE CROSSING!

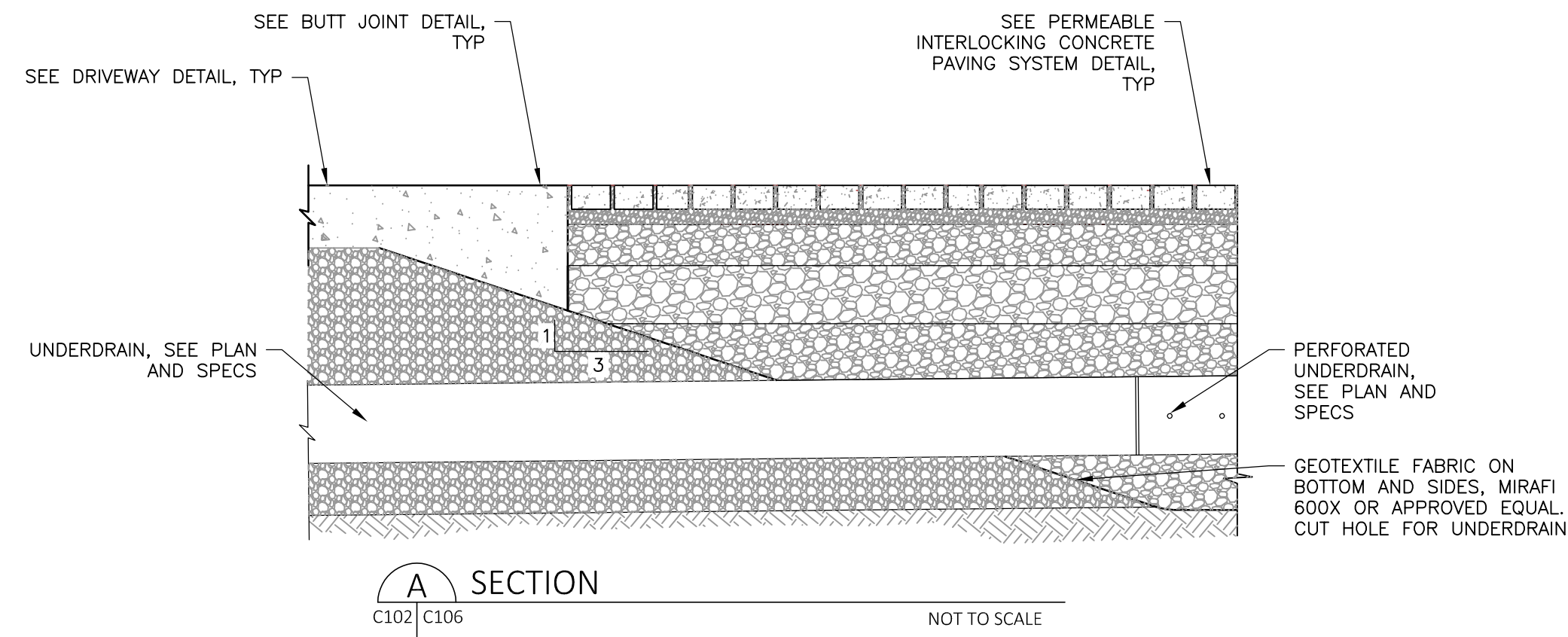
NOTES (*):

- FOR STANDARD DRIVEWAYS: DEPRESS ONLY WHEN DIRECTED BY THE FIELD ENGINEER
- FOR HEAVY DUTY DRIVEWAYS: DEPRESS 3" AS SHOWN
- MAXIMUM DRIVEWAY SLOPE IS 10%, ANYTHING EXCEEDING 10% SHOULD BE APPROVED BY THE DEPARTMENT
- DETECTABLE WARNINGS, I.E. RAISED TRUNCATED DOMES SHALL BE USED AT SIGNALIZED COMMERCIAL DRIVEWAYS ONLY
- RAISED TRUNCATED DOMES SHALL BE 0.9 INCHES IN NOMINAL DIAMETER, 0.2 INCHES IN NOMINAL HEIGHT, AND CENTERED 2.35 INCHES APART. THE AREA REQUIRED TO HAVE A DETECTABLE WARNING SHALL VISUALLY CONTRAST IN COLOR AND SHALL BE AN INTEGRAL PART OF THE WALKING SURFACE. (PROWAG, LATEST ED.)
- RAISED TRUNCATED DOMES SHALL BE 24" x 48" (MIN.) SYSTEMS. THE TILE TYPE, SIZE, SHAPE, INSTALLATION METHODS, ETC., MUST BE APPROVED BY THE DPW BEFORE THE CONTRACTOR ORDERS HIS MATERIALS.
- MAINTAIN SIDEWALK ELEVATION THRU DRIVEWAYS.

(DW) DETECTABLE WARNINGS (DARK GREY) (ADA) TRUNCATED DOME TILE (TYP.) AS PER APPROVAL OF D.P.W. SEE NOTES (4) THRU (6)

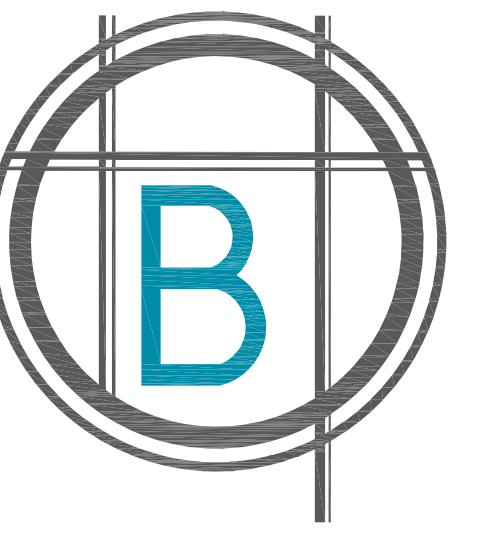
2 DETAIL OF STANDARD DRIVEWAY FOR CONCRETE VERTICAL CURB
C102 | C105 NOT TO SCALE





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BALANCE OF SECTIONS TO BE
SUBMITTED UPON PERMIT REVIEW



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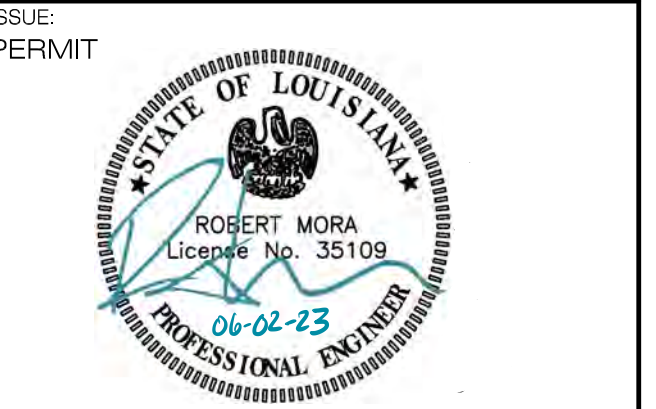
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info@batture-eng.com | batture-eng.com

REV. NO.	DATE	DESCRIPTION

**CHEF MENTEUR MEDICAL
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9901 CHEF MENTEUR HWY.
NEW ORLEANS, LA 70127

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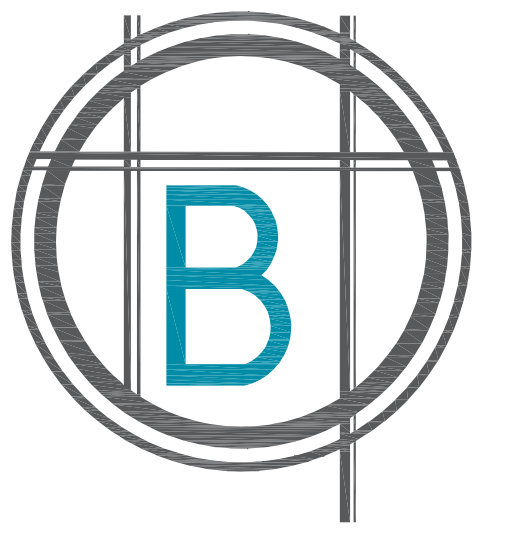
**SITE
SECTIONS**

SHEET NUMBER:

C106

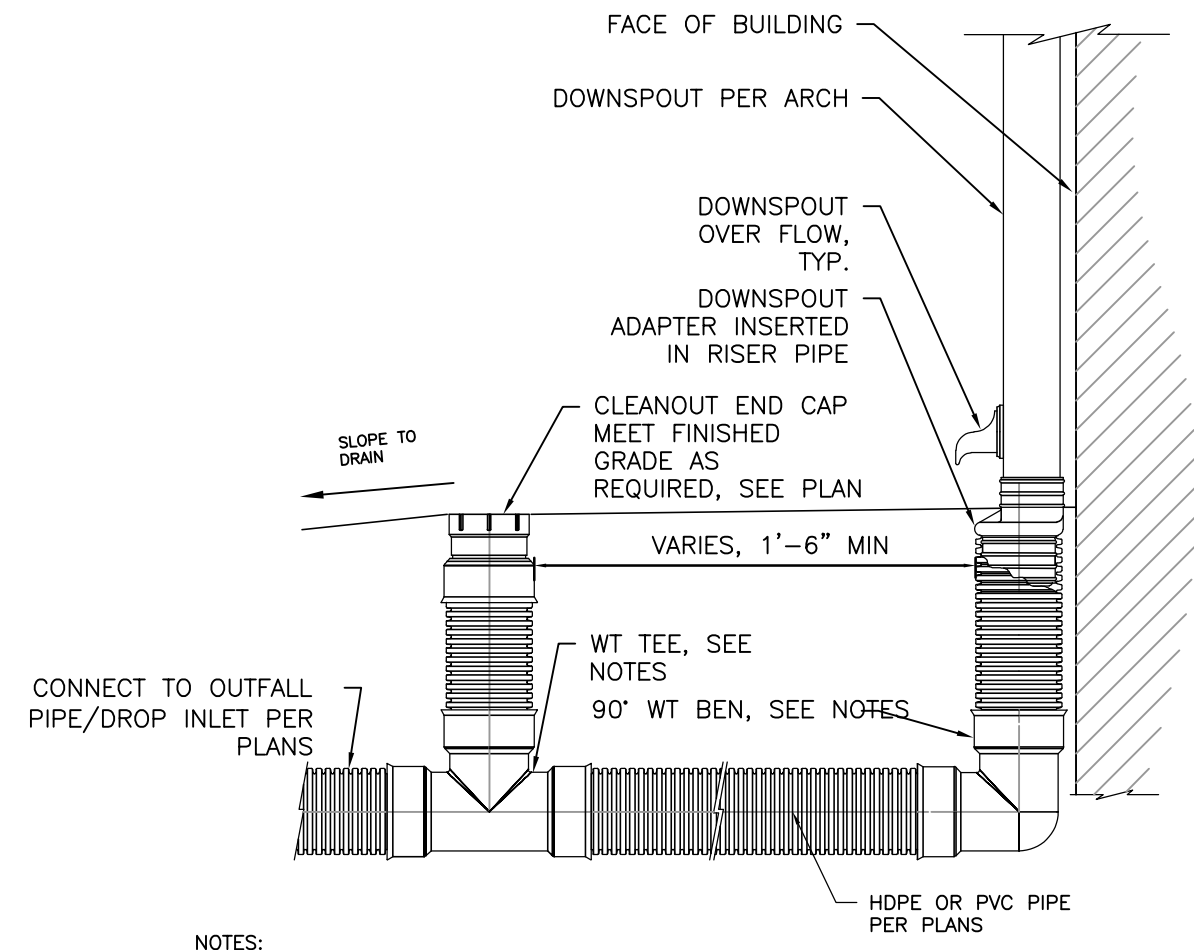


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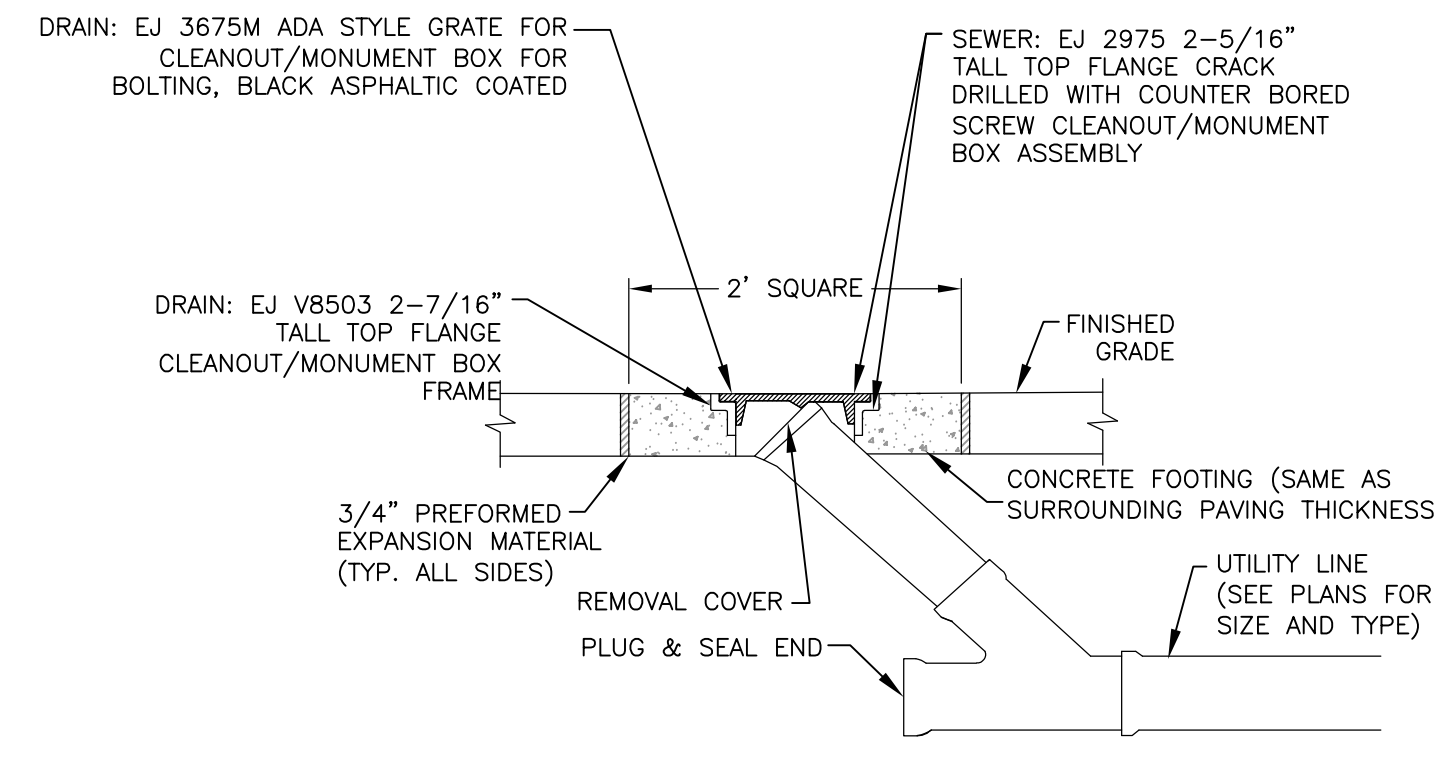
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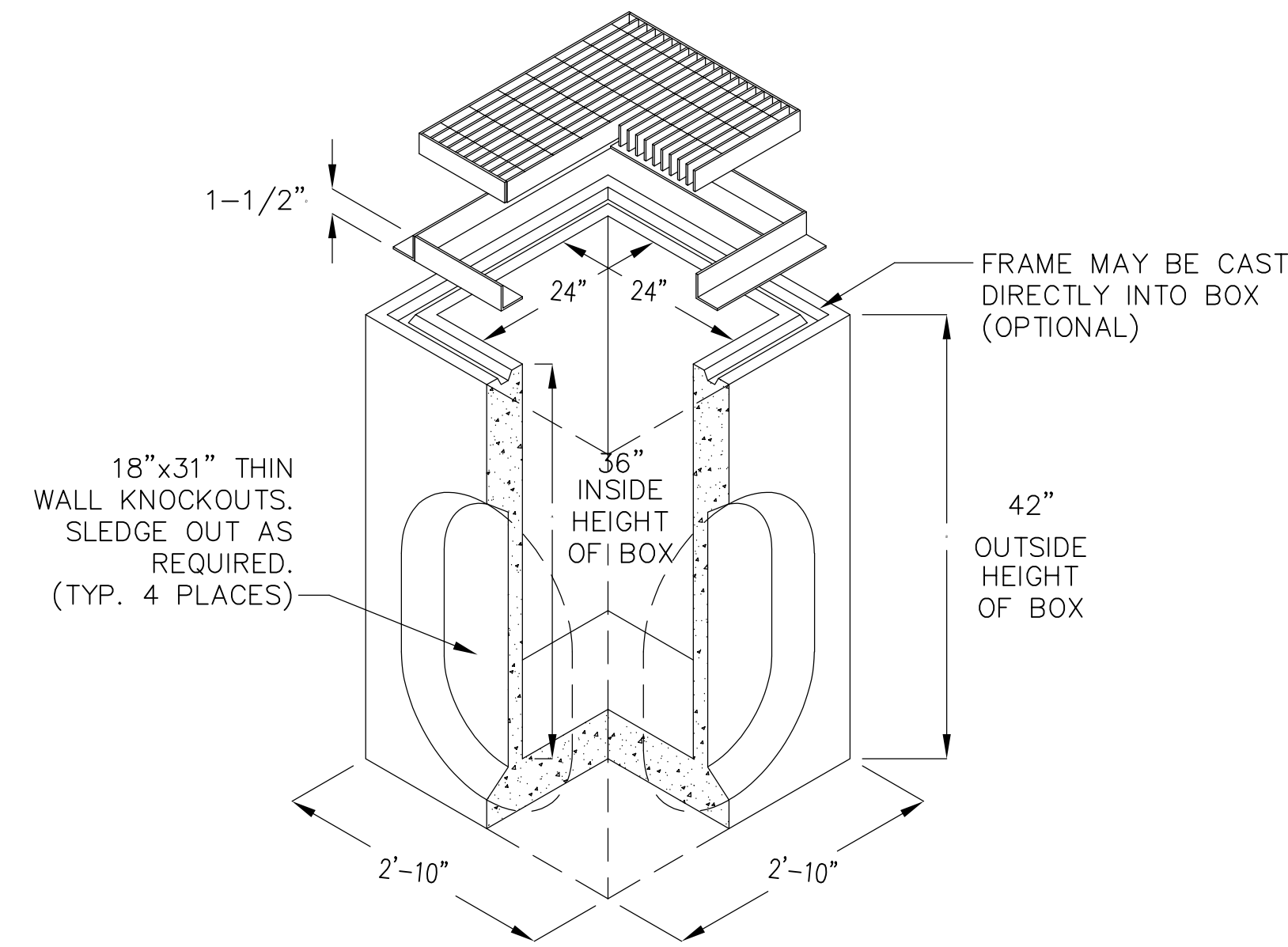


NOTES:
1. INSTALL ALL COMPONENTS OF CONNECTION PER MANUFACTURER SPECS.
2. FOLLOWING CONNECTION, CONTRACTOR TO ENSURE POSITIVE DRAINAGE TOWARDS OUTFALL IS ACHIEVED.

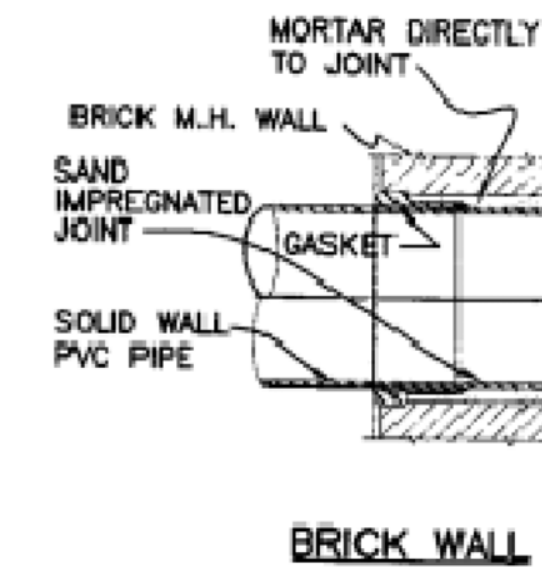
1 GUTTER DOWNSPOUT DRAIN
C104 | C107 NOT TO SCALE



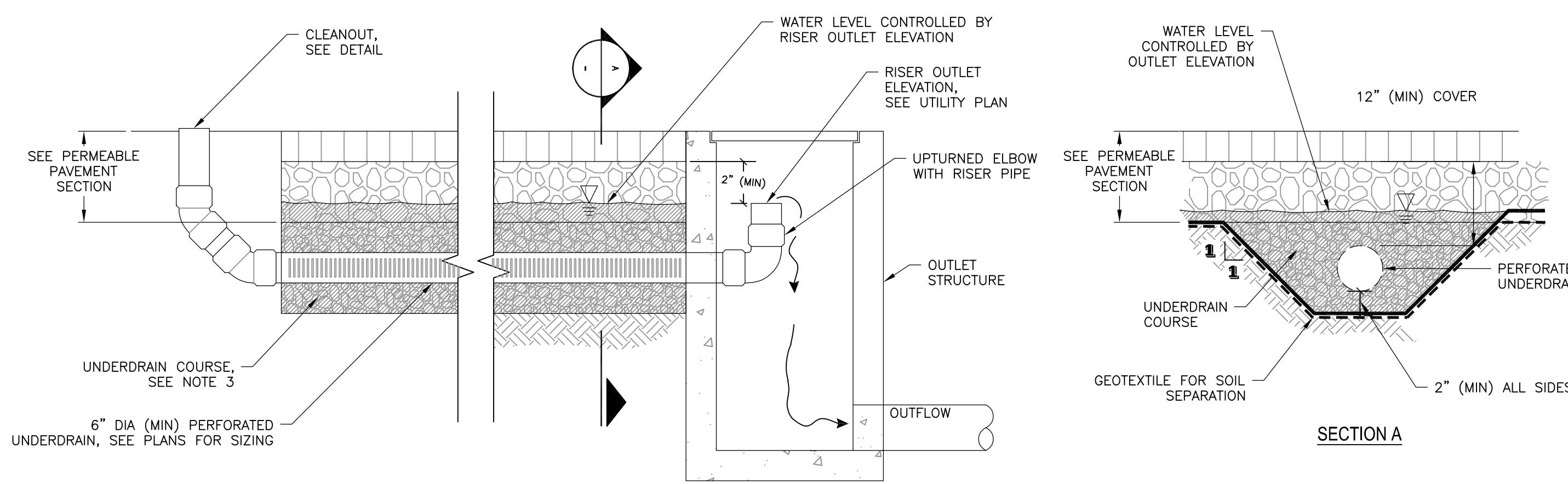
2 PERMEABLE PAVEMENT DRAIN OR SEWER CLEANOUT
C104 | C107 NOT TO SCALE



3 24"x24" DROP INLET
C104 | C107 NOT TO SCALE

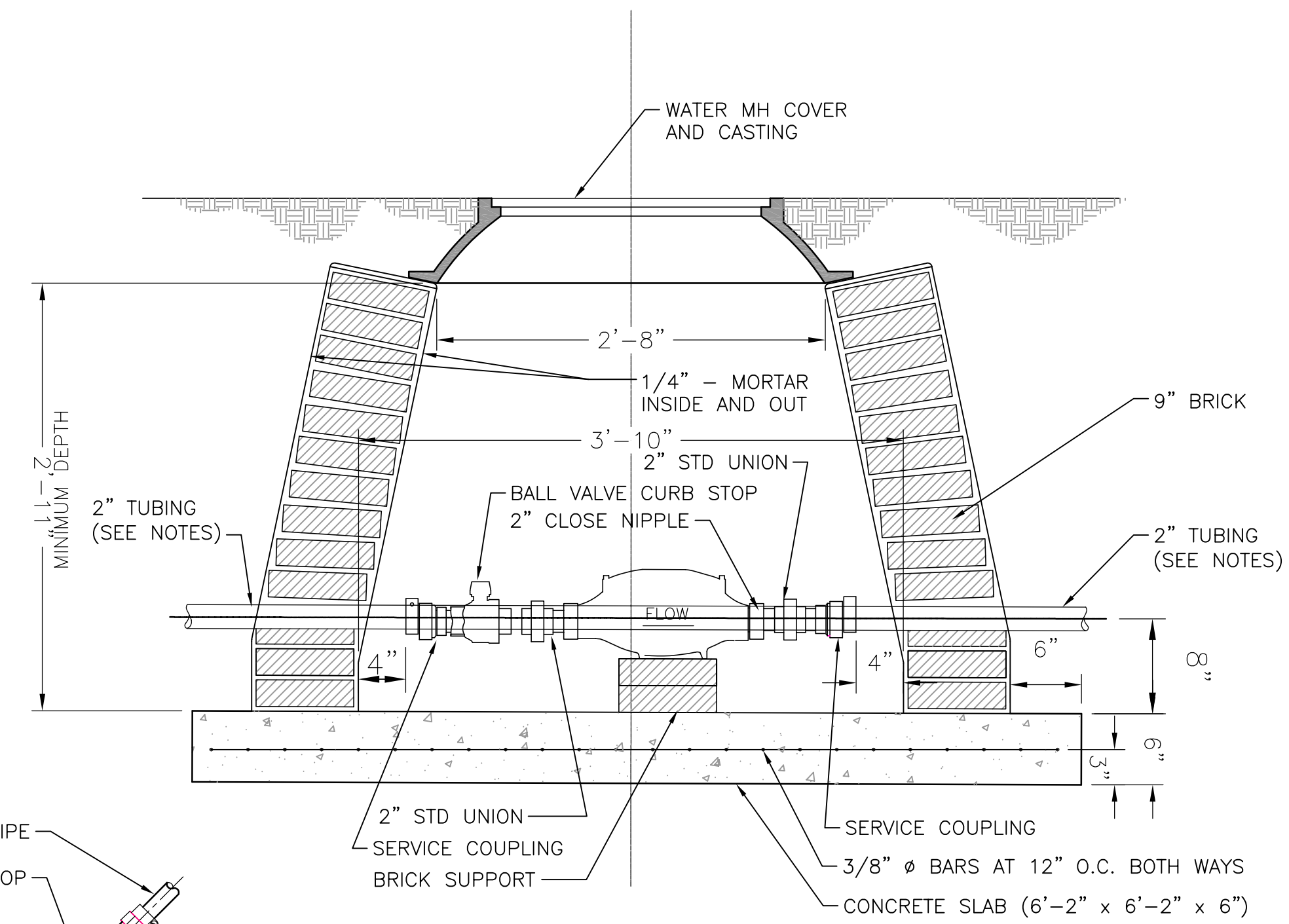


4 DRAINAGE TIE-IN
C104 | C107 NOT TO SCALE



NOTES:
1. ALL MATERIAL AND WORKMANSHIP SHALL CONFORM TO SEWERAGE AND WATER BOARD OF NEW ORLEANS STANDARD SPECIFICATIONS AND APPLICABLE CODES.
2. LOCATE OVERFLOW PIPE BELOW PAVEMENT BASE DEPTH.
3. UNDERDRAIN COURSE SHALL BE ASTM NO. 57 CONFORMING TO THE REQUIREMENTS OF GRAVEL BASE MATERIAL FOR PAVEMENTS, UNLESS OTHERWISE SPECIFIED.

5 UNDERDRAIN ASSEMBLY
C104 | C107 NOT TO SCALE



NOTES:
1. TUBING MATERIAL SHALL BE FABRICATED FROM HIGH DENSITY ULTRA-HIGH MOLECULAR WEIGHT POLYETHYLENE PE 3406 OR PE 3408 AND CONFORMING WITH THE LATEST ISSUE OF ASTM D-2737 AND D-1248 FOR TYPE III OR IV GRADE P-34 CLASS C.
2. TAP AND SERVICE SADDLE TO BE SIMILAR TO THAT SHOWN ON N.O. DPW DWG 7134 (THIS SHEET)
3. WHERE A 1-1/2\"/>

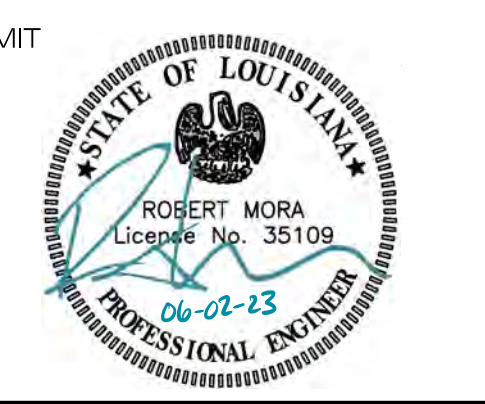
TAP AND SERVICE SADDLE
SCALE: NONE

6 WATER METER ASSEMBLY
C104 | C107 NOT TO SCALE

REV. NO.	DATE	DESCRIPTION

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NEW ORLEANS, LA 70127

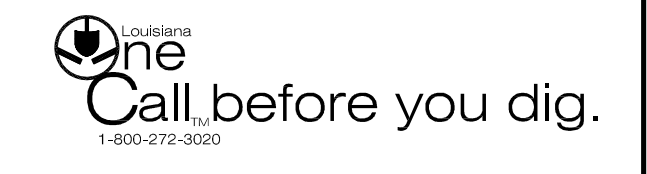
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UTILITY
DETAILS

SHEET NUMBER:
C107



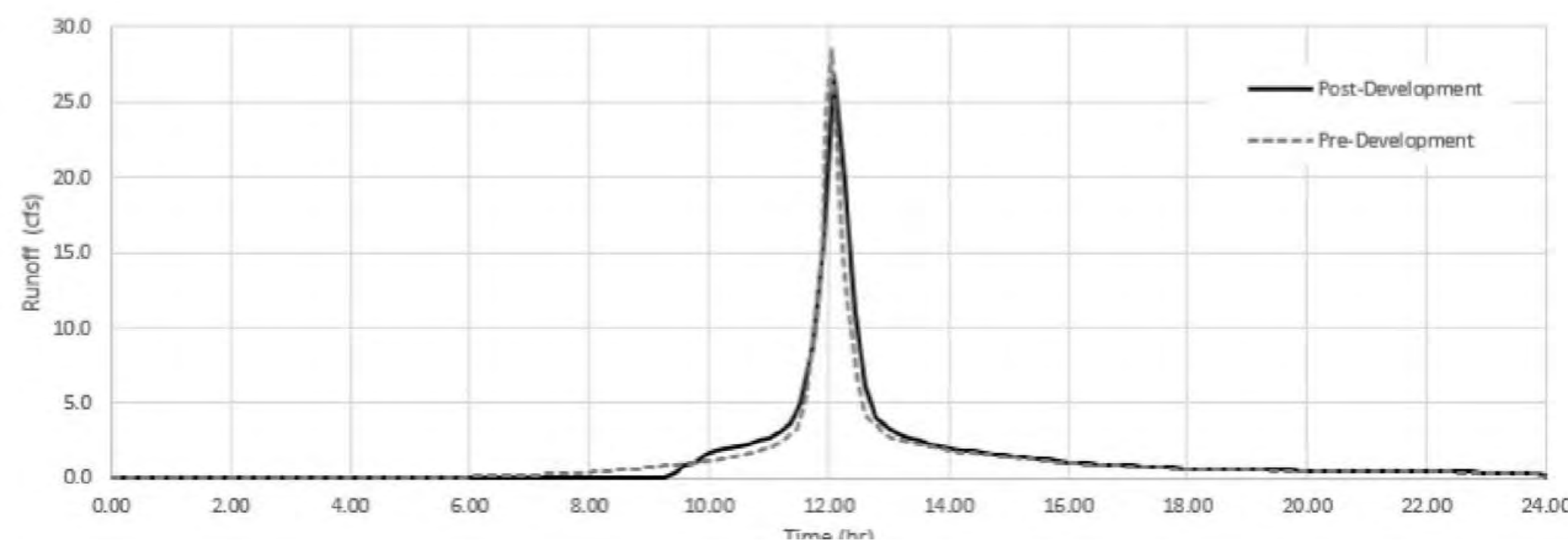
SUMMARY - STORAGE VOLUME

	Drainage Area 1	Drainage Area 2	Drainage Area 3	Drainage Area 4	Total
Total Area (acres)	2.120	2.12			4.24
Required Storage Volume (cf)	5943	5892			11835
Provided Storage Volume (cf)	8415	7278			15693
Bypass Volume (cf)	0	0			0
	Storage Requirement Met				YES
	Bypass Volume <=10%				YES

SUMMARY - RUNOFF

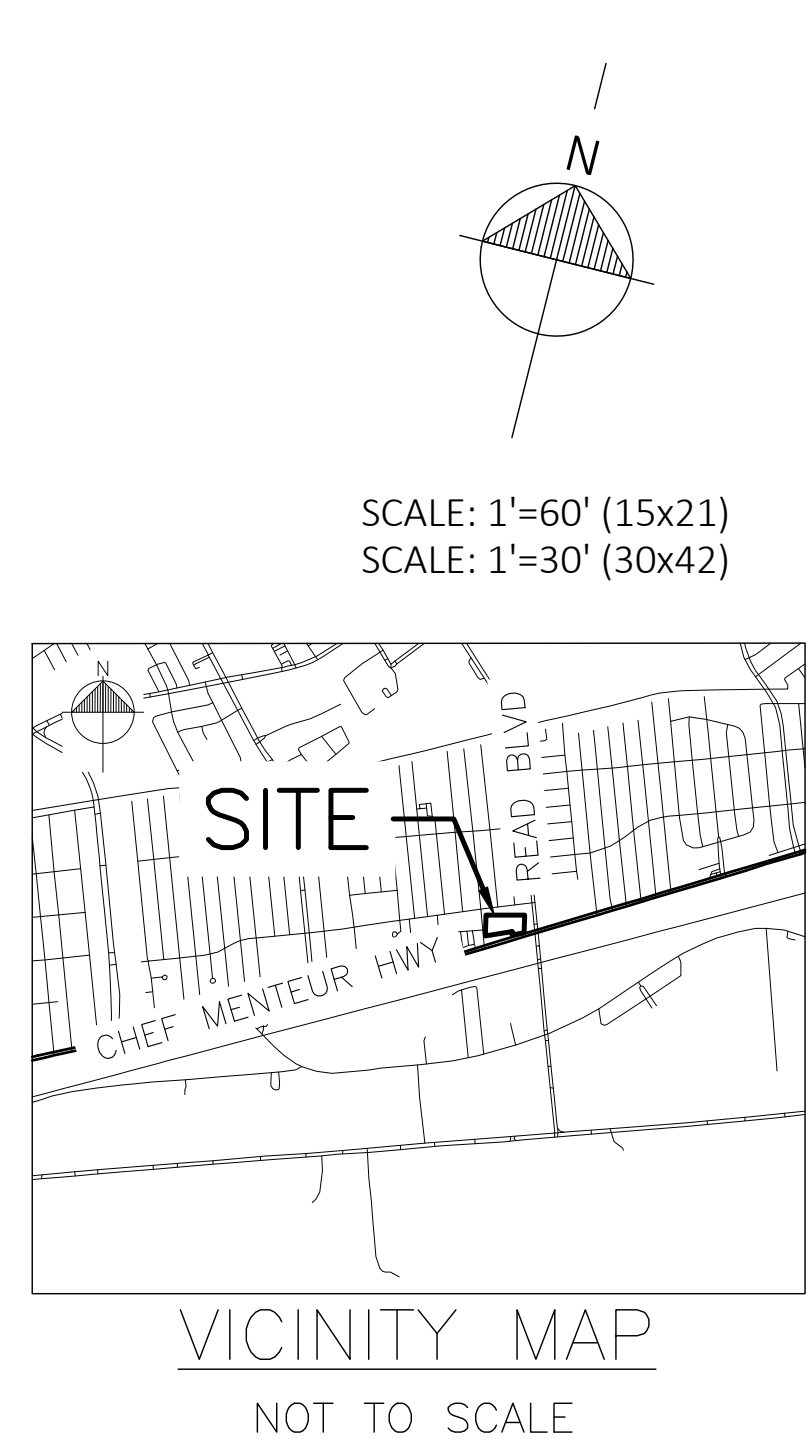
Storm for Analysis: 10-yr Rainfall Depth (in): 9.1

	Pre-Development	Post-Development	Requirement Met
Total Site (acres)	4.24	4.24	YES
Peak Runoff Rate (cfs)	28.55	26.79	YES
Total Runoff (MG)	0.795	0.858	-



Drainage Area 1						
SITE INPUT						
Pre-Development						
Land Cover/Land Use	Hydrologic Soil Group	% Impervious	CN	Area (sf)	CN*Area	% Area
Commercial Roof	D	100%	98	2,448	5.5	4.8%
Commercial/Residential Parking	D	100%	98	17,398	39.1	34.2%
Open Space, grass cover > 75%	D	3%	80	31,021	57.0	61.0%
		Total (Acres)		1.17	Any disconnected impervious area?	
		% Impervious		40.8%	Impervious area 30% or less?	
		Weighted CN (standard)		97	Use adjusted CN value	
		Weighted CN (adjusted)		87	CN pervious	
		CN for Use		87	Ratio of unconnected	
		Precipitation for storage volume requirement (in)		1.25	S, max natural retention	
		S, max natural retention		1.5	Q, runoff (in)	
		Q, runoff (in)		0.37		
TIME OF CONCENTRATION						
Time needed for water to flow from the most remote point to the outlet						
Pre-Development						
Length (ft)	Slope (ft/ft)	Surface Cover	Manning's n	Travel Time (hr)		
Sheet Flow	300	0.0108	Grass: Short grass, prairie	0.15	0.374	
Sheet Flow	194.5	0.0108	Grass: Short grass, prairie	0.15	0.26	
Shallow Flow						
Shallow Flow						
Length (ft)	Slope (ft/ft)	n-value	Flow Area (sf)	Wetted Perimeter (ft)	Travel Time (hr)	
Channel/Pipe Flow						
Channel/Pipe Flow						
				Pre-Development Tc (hr)	0.638	
				Pre-Development Tc (min)	38.280	

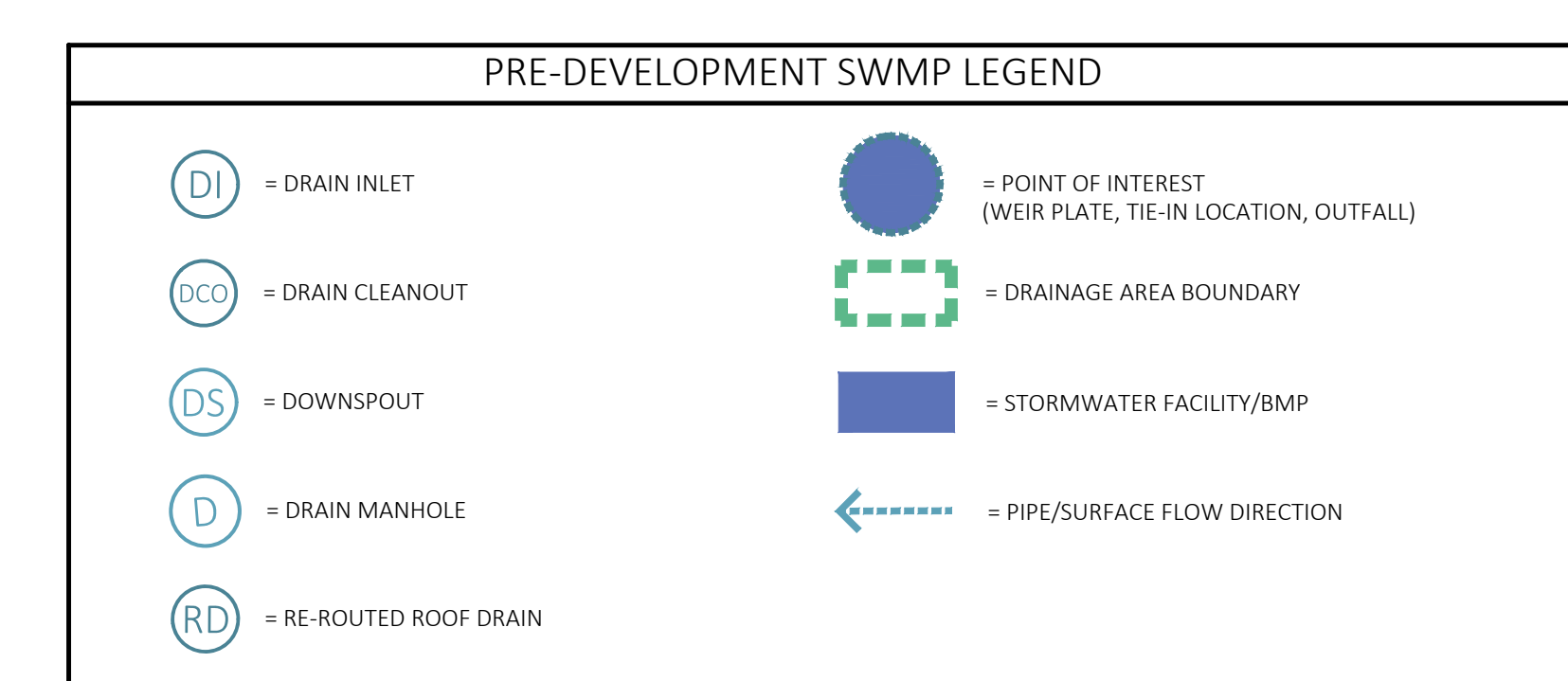
Drainage Area 2						
Pre-Development						
Land Cover/Land Use	Hydrologic Soil Group	% Impervious	CN	Area (sf)	CN*Area	% Area
Open Space, grass cover > 75%	D	3%	80	50,374	92.5	100%
		Total (Acres)		1.16	Any disconnected impervious area?	
		% Impervious		3%	Impervious area 30% or less?	
		Weighted CN (standard)		80	Use adjusted CN value	
		Weighted CN (adjusted)		80	CN pervious	
		CN for Use		80	Ratio of unconnected	
		Precipitation for storage volume requirement (in)		1.25	S, max natural retention	
		S, max natural retention		2.5	Q, runoff (in)	
		Q, runoff (in)		0.17		
Pre-Development						
Length (ft)	Slope (ft/ft)	Surface Cover	Manning's n	Travel Time (hr)		
Sheet Flow	300	0.011	Grass: Short grass, prairie	0.15	0.37	
Sheet Flow	227.43	0.011	Grass: Short grass, prairie	0.15	0.30	
Shallow Flow						
Shallow Flow						
Length (ft)	Slope (ft/ft)	n-value	Flow Area (sf)	Wetted Perimeter (ft)	Travel Time (hr)	
Channel/Pipe Flow						
Channel/Pipe Flow						
				Pre-Development Tc (hr)	0.67	
				Pre-Development Tc (min)	40.1	



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DRAINAGE AREA 3 & 4						
Pre-Development						
Land Cover/Land Use	Hydrologic Soil Group	% Impervious	CN	Area (sf)	CN*Area	% Area
Open Space, grass cover > 75%	D	3%	80	83,590	65.3	100%
		Total (Acres)		1.92	Any disconnected impervious area?	
		% Impervious		3%	Impervious area 30% or less?	
		Weighted CN (standard)		80	Use adjusted CN value	
		Weighted CN (adjusted)		80	CN pervious	
		CN for Use		80	Ratio of unconnected	
		Precipitation for storage volume requirement (in)		1.25	S, max natural retention	
		S, max natural retention		2.5	Q, runoff (in)	
		Q, runoff (in)		0.17		
Pre-Development						
Length (ft)	Slope (ft/ft)	Surface Cover	Manning's n	Travel Time (hr)		
Sheet Flow	300	0.0074	Grass: Short grass, prairie	0.15	0.43	
Sheet Flow	136.77	0.0074	Grass: Short grass, prairie	0.15	0.23	
Shallow Flow						
Shallow Flow						
Length (ft)	Slope (ft/ft)	n-value	Flow Area (sf)	Wetted Perimeter (ft)	Travel Time (hr)	
Channel/Pipe Flow						
Channel/Pipe Flow						
				Pre-Development Tc (hr)	0.67	
				Pre-Development Tc (min)	40.0	



SW1 PRE-DEVELOPMENT DRAINAGE PLAN
1"=30'

Call before you dig.
1-800-477-3000

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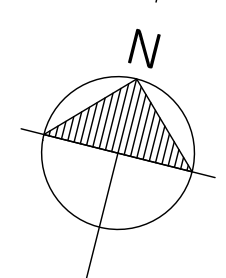
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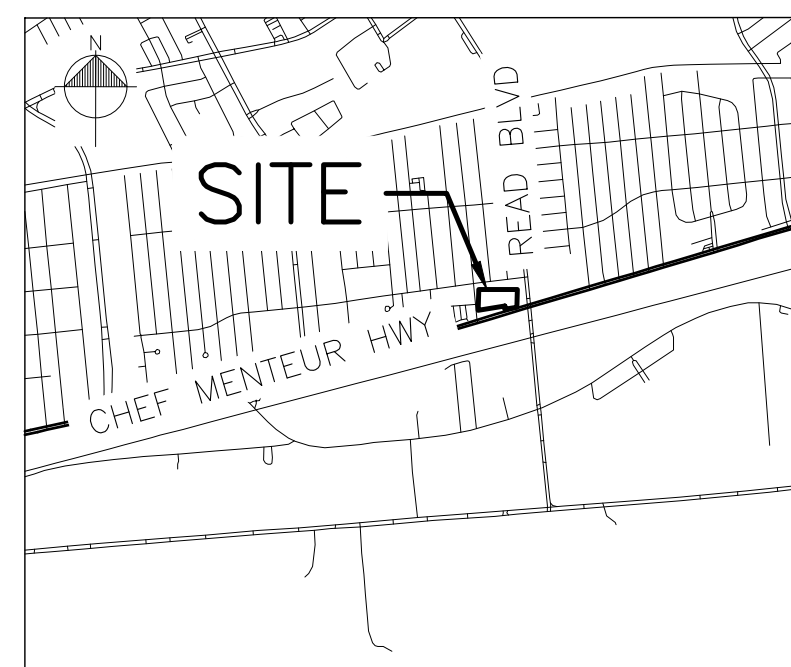
PROFESSIONAL OF RECORD:
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STORMWATER MANAGEMENT PLAN

SHEET NUMBER:
SW1

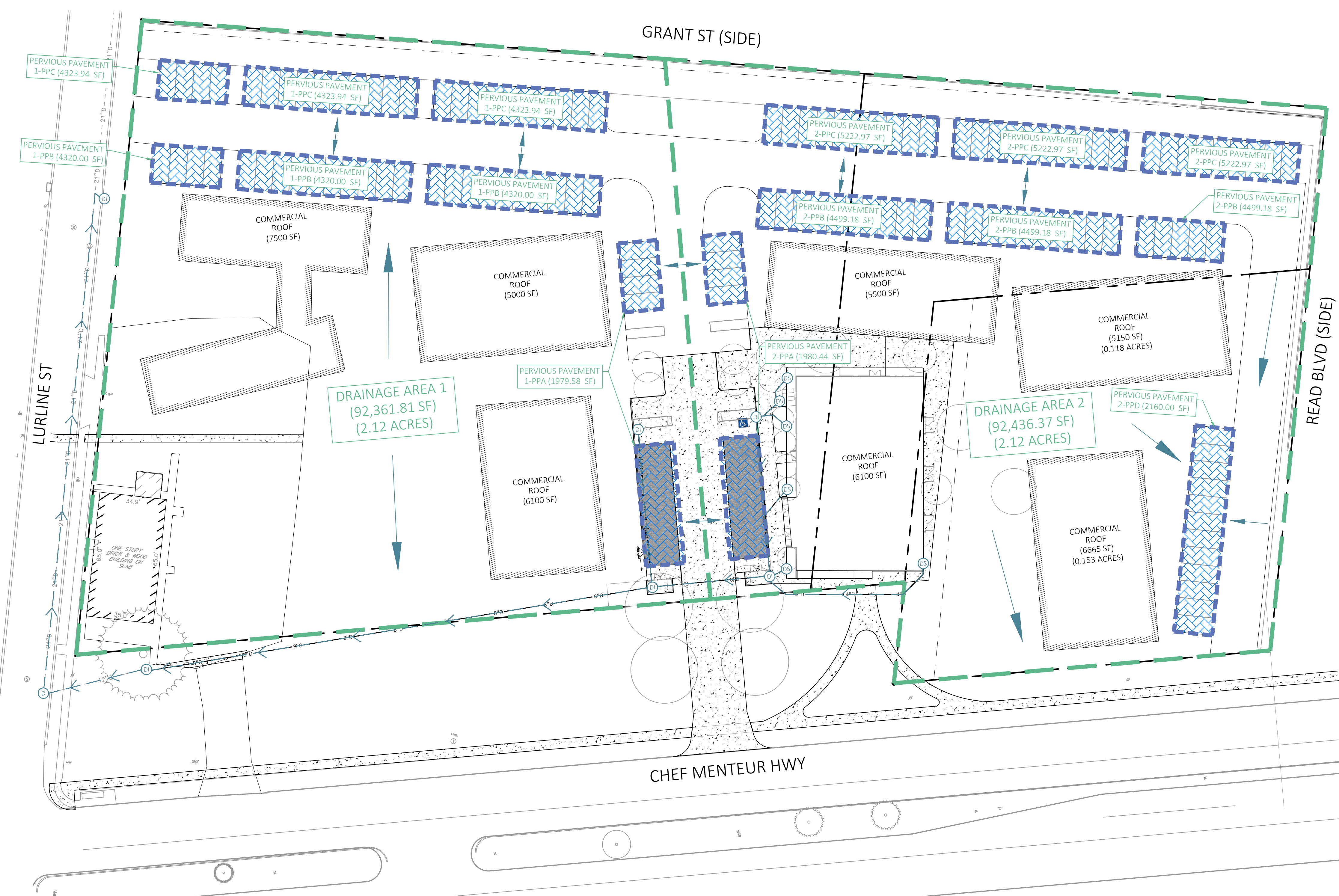


SCALE: 1"=60' (15x21)
SCALE: 1"=30' (30x42)



VICINITY MAP
NOT TO SCALE

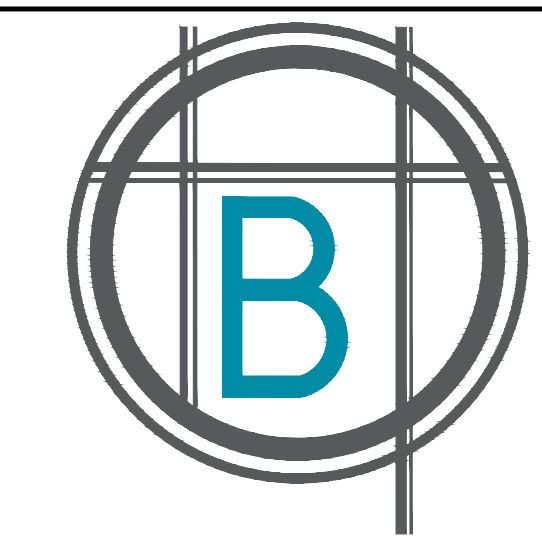
POST-DEVELOPMENT SWMP LEGEND	
(DI) = DRAIN INLET	(Blue circle) = POINT OF INTEREST (WEIR PLATE, TIE-IN LOCATION, OUTFALL)
(DCD) = DRAIN CLEANOUT	(Green dashed line) = DRAINAGE AREA BOUNDARY
(DS) = DOWNSPOUT	(Blue rectangle) = STORMWATER FACILITY/BMP
(D) = DRAIN MANHOLE	(Blue arrow) = PIPE/SURFACE FLOW DIRECTION
(RD) = RE-ROUTED ROOF DRAIN	



SW2 POST DEVELOPMENT DRAINAGE PLAN
1"=30'

Drainage Area 1							
SITE INPUT POST-DEVELOPMENT							
Land Cover/Land Use	Hydrologic Soil Group	% Impervious	CN	Area (sf)	CN*Area	% Area	Impervious Area Disconnected?
Commercial Roof	D	100%	98	21,048	47.35	23%	Yes
Green Infrastructure (all types)	D	0%	98	10,624	23.90	12%	No
Open Space: grass cover < 50%	D	3%	89	32,513	66.43	35%	Yes
Industrial Parking	D	100%	98	28,177	63.39	31%	
				Total Area (Acres)	2.120	Any disconnected impervious area?	Yes
				% Impervious	54.4%	Impervious area 30% or less?	No
				Weighted CN (standard)	95	Use adjusted CN value	No
				Weighted CN (adjusted)		CN pervious	91
				CN for Use	95	Ratio of unconnected	44%
				Precipitation for storage volume requirement (in)	1.25	GI in Site Input (sf)	10624
				S, max natural retention	0.5	GI Individual Input (sf)	10623.52
				Q, runoff (in)	0.77	Match	YES
				Require Storage Volume (cf)	5943		
TIME OF CONCENTRATION							
	Length (ft)	Slope (ft/ft)	Surface Cover	Manning's n	Travel Time (hr)		
Sheet Flow	300	0.00134	Grass: Bermuda grass	0.41	1.93		
Shallow Flow	247	0.00134	Unpaved	-	0.12		
	Length (ft)	Slope (ft/ft)	n-value	Flow Area (sf)	Wetted Perimeter (ft)	Travel Time (hr)	
Channel/Pipe Flow							
				Post-Development Tc (hr)	2.04		
				Post-Development Tc (min)	122.5		

Drainage Area 2							
SITE INPUT POST-DEVELOPMENT							
Land Cover/Land Use	Hydrologic Soil Group	% Impervious	CN	Area (sf)	CN*Area	% Area	Impervious Area Disconnected?
Commercial Roof	D	100%	98	23,415	52.68	25%	Yes
Other Impervious	D	100%	98	4,348	9.78	5%	Yes
Open Space: grass cover < 50%	D	3%	89	33,601	68.65	36%	Yes
Industrial Parking	D	100%	98	17,210	38.72	19%	No
Green Infrastructure (all types)	D	0%	98	13,863	31.19	15%	
				Total Area (Acres)	2.12	Any disconnected impervious area?	Yes
				% Impervious	50%	Impervious area 30% or less?	No
				Weighted CN (standard)	95	Use adjusted CN value	No
				Weighted CN (adjusted)		CN pervious	92
				CN for Use	95	Ratio of unconnected	63%
				Precipitation for storage volume requirement (in)	1.25	GI in Site Input (sf)	13862.59
				S, max natural retention	0.6	GI Individual Input (sf)	13862.59
				Q, runoff (in)	0.76	Match	YES
				Require Storage Volume (cf)	5892		
TIME OF CONCENTRATION							
	Length (ft)	Slope (ft/ft)	Surface Cover	Manning's n	Travel Time (hr)		
Sheet Flow	300	0.004	Grass: Bermuda grass	0.41	1.24		
Shallow Flow	342.22	0.004	Unpaved	-	0.09		
	Length (ft)	Slope (ft/ft)	n-value	Flow Area (sf)	Wetted Perimeter (ft)	Travel Time (hr)	
Channel/Pipe Flow							
				Post-Development Tc (hr)	1.34		
				Post-Development Tc (min)	80.2		



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STORMWATER MANAGEMENT PLAN

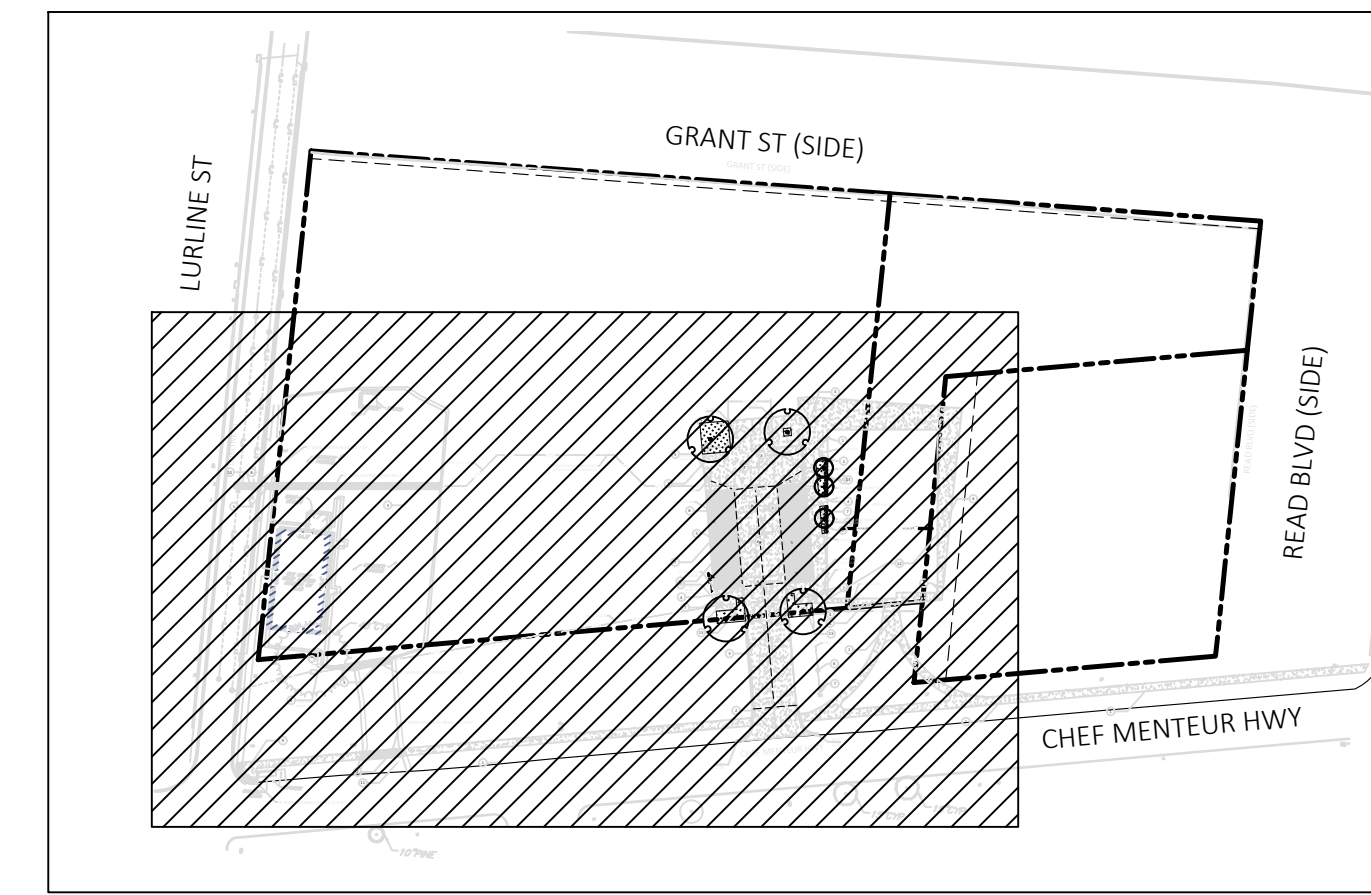
SHEET NUMBER:
SW2



PLANTING SCHEDULE							
SYMBOL	CALLOUT	COMMON NAME	SCIENTIFIC NAME	QUANTITY	SIZE	SPACING	NOTES
	Cc	REDBUD	Cercis canadensis	16	3" cal.	15'-0" min.	Specimen, Multi-trunk, 15'H, 8' min. canopy clearance
	Ua	WINGED ELM	Ulmus alata	14	3" cal.	20'-0" min.	Single trunk, 12'H, 6.5' min. canopy clearance, dominant leader with 5' min. crotch height
	lb	INKBERRY	Ilex glabra	18	7 Gal.	36" O.C.	3' min. height continuous hedge at install. Full, dense, 36" Ht x 36" Spd. min.
	Ca	SEDE	Carex cherokeensis	1,000 SF	4" cont.	12" O.C.	Full, dense. Planted as groundcover
	-	BERMUDA SOD	Cynodon dactylon	658 SY	-	SOD	Install where indicated on plans, and restore all existing lawn areas that are disturbed during construction to their pre-con state
	-	PINE STRAW MULCH	-	700 SY	-	MULCH	3" Layer in all planting areas, do not place within 2' or trunk or root flare of existing trees

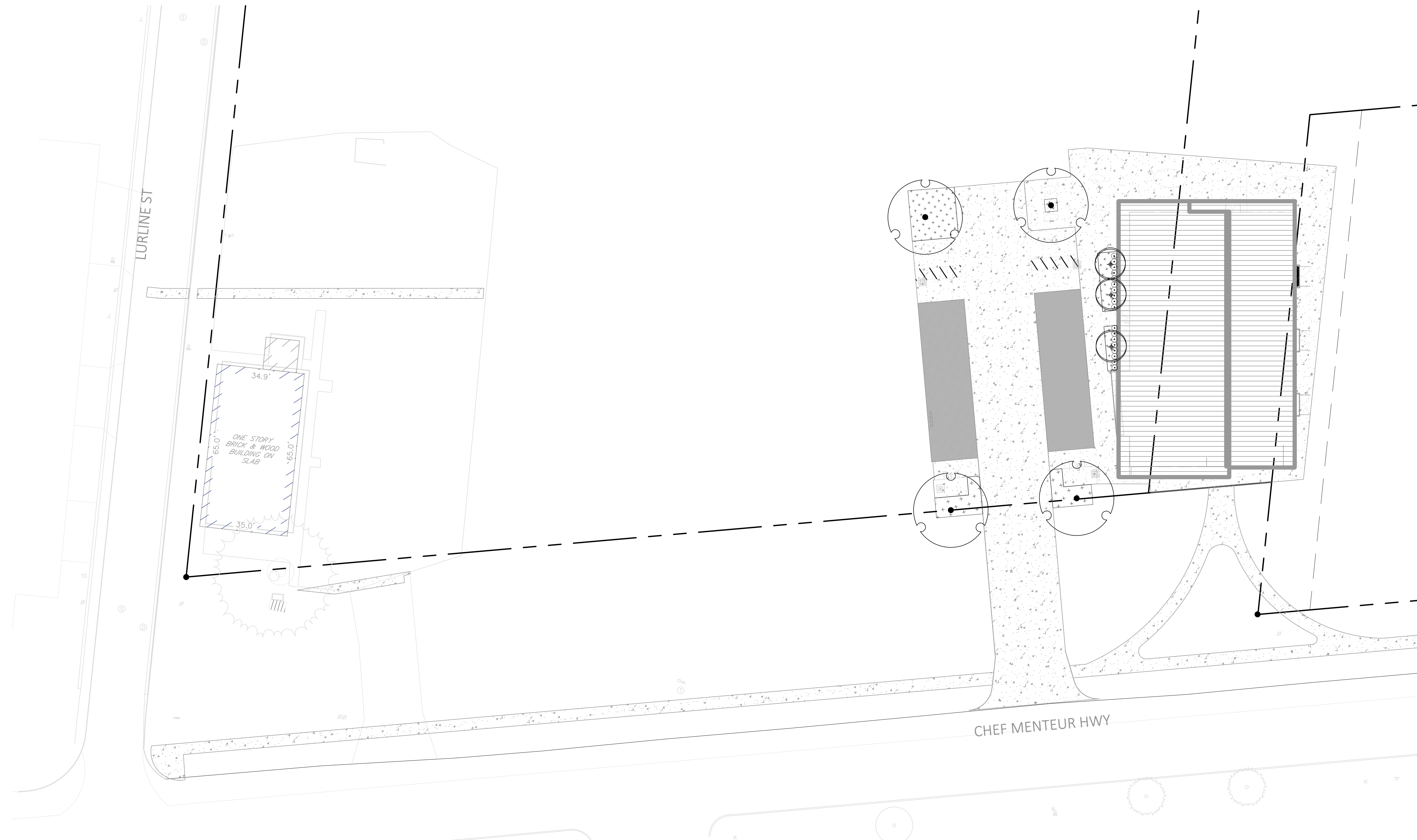
PLANTING NOTES:

- REFER TO PARKS AND PARKWAYS STANDARD SPECIFICATIONS FOR INFORMATION REGARDING THE PROTECTION OF EXISTING TREES AND OTHER PLANT MATERIALS
- ALL QUANTITIES PROVIDED IN THE PLANT SCHEDULE ARE FOR REFERENCE ONLY. CONTRACTOR IS TO CONDUCT INDEPENDENT ASSESSMENT IN ORDER DETERMINE QUANTITIES NECESSARY TO MEET DESIGN INTENT.
- THE INSTALLATION OF ALL PLANT MATERIALS WITHIN THE PUBLIC RIGHTS-OF-WAY SHALL MEET THE REQUIREMENTS OF THE FOLLOWING STANDARD SPECIFICATION OF THE NEW ORLEANS DEPARTMENT OF PARKS AND PARKWAYS:
 - SECTION 32 90 00 PLANTING
 - SECTION 32 92 19 SEEDING
 - SECTION 32 92 23 SODDING
 - SECTION 32 94 13 LANDSCAPE EDGING
 - SECTION 32 91 13 SOIL PREPARATION
- ANY SUBSTITUTION IS MADE TO THE PLANT SPECIES, SIZES, AND SPECIFICATIONS SHOWN ON THIS PLAN MUST BE SUBMITTED TO THE LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION.

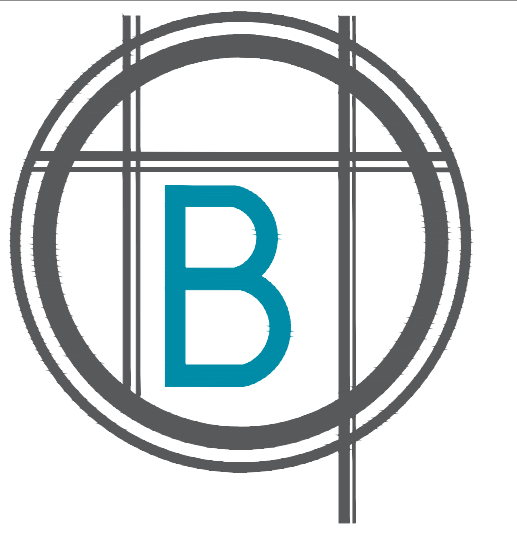


SCALE: 1"=40' (15x21)
SCALE: 1"=20' (30x42)

KEY PLAN



L1 PLANTING PLAN
1"=20'



BATTURE LLC
engineers + land surveyors

5110 FRERET ST, NEW ORLEANS, LA 70115
phone 504.533.8644 fax 504.336.2272
info@batture-eng.com | batture-eng.com

REV. NO.	DATE	DESCRIPTION

**CHEF MENTEUR MEDICAL
CLINIC**

9901 CHEF MENTEUR HWY.
NEW ORLEANS, LA 70127

DRAWN BY:
BATTURE
CHECKED BY:
BATTURE
DATE:
JUNE 07, 2023

ISSUE
PRELIMINARY
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RECORDATION CONVEYANCE, OR
SALES.

LAUREN R. WILLIAMS, PLA
PROFESSIONAL LANDSCAPE
ARCHITECT
REG NO. 266, JUL 2022

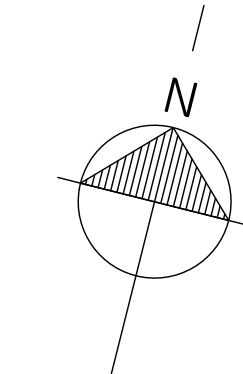
PROFESSIONAL OF RECORD:
williams@batture-eng.com

PLANTING PLAN

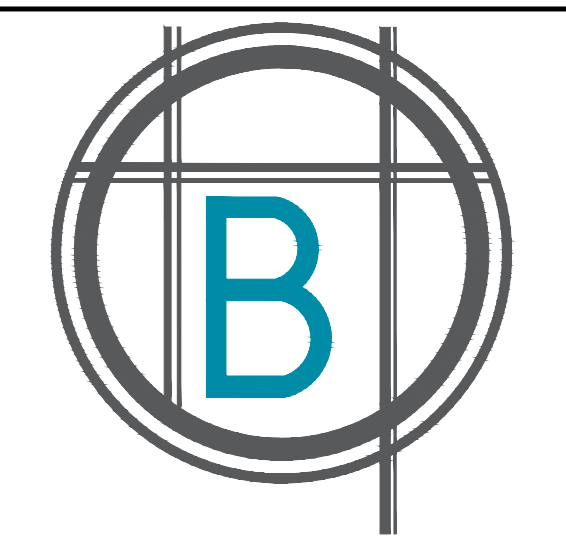
SHEET NUMBER:

L1





SCALE: 1"=40' (15x21)
SCALE: 1"=20' (30x42)



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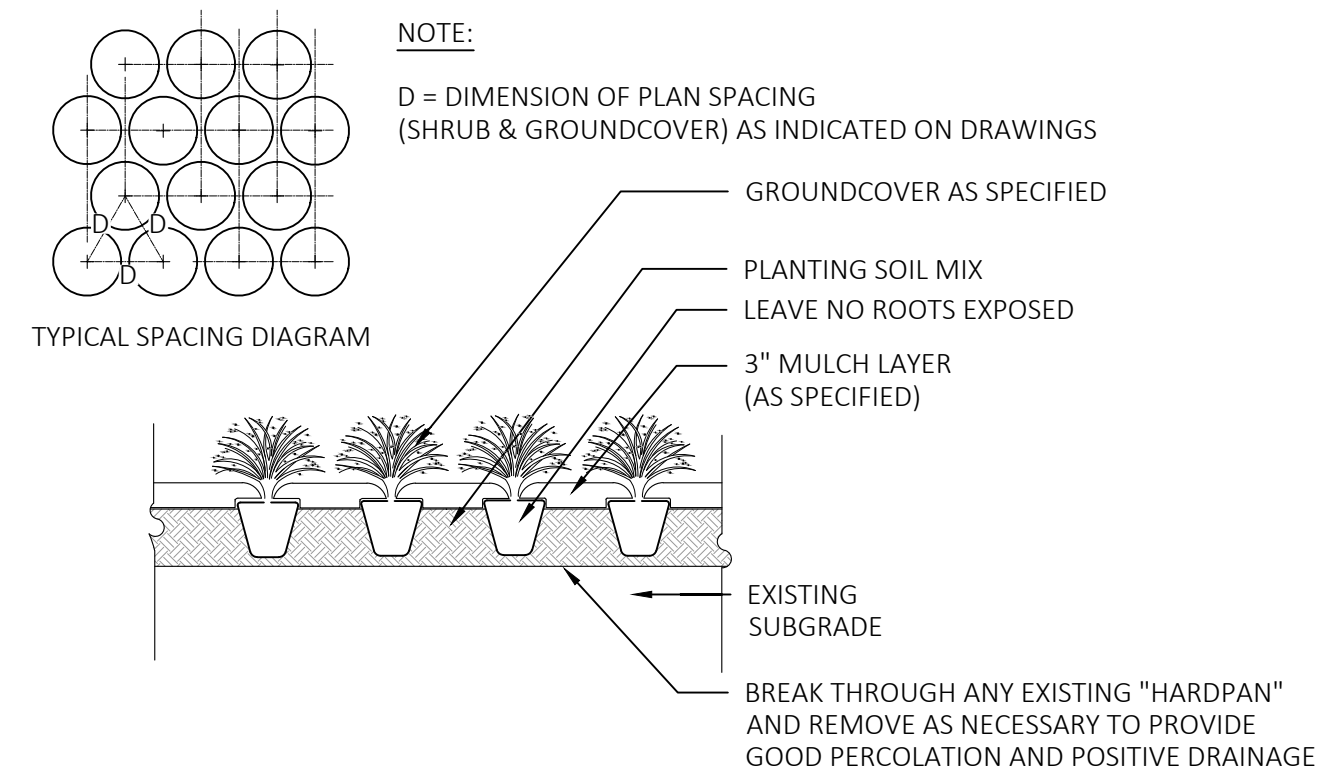
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LAUREN R. WILLIAMS, PLA
PROFESSIONAL LANDSCAPE ARCHITECT
REG NO. 266, JUL 2022

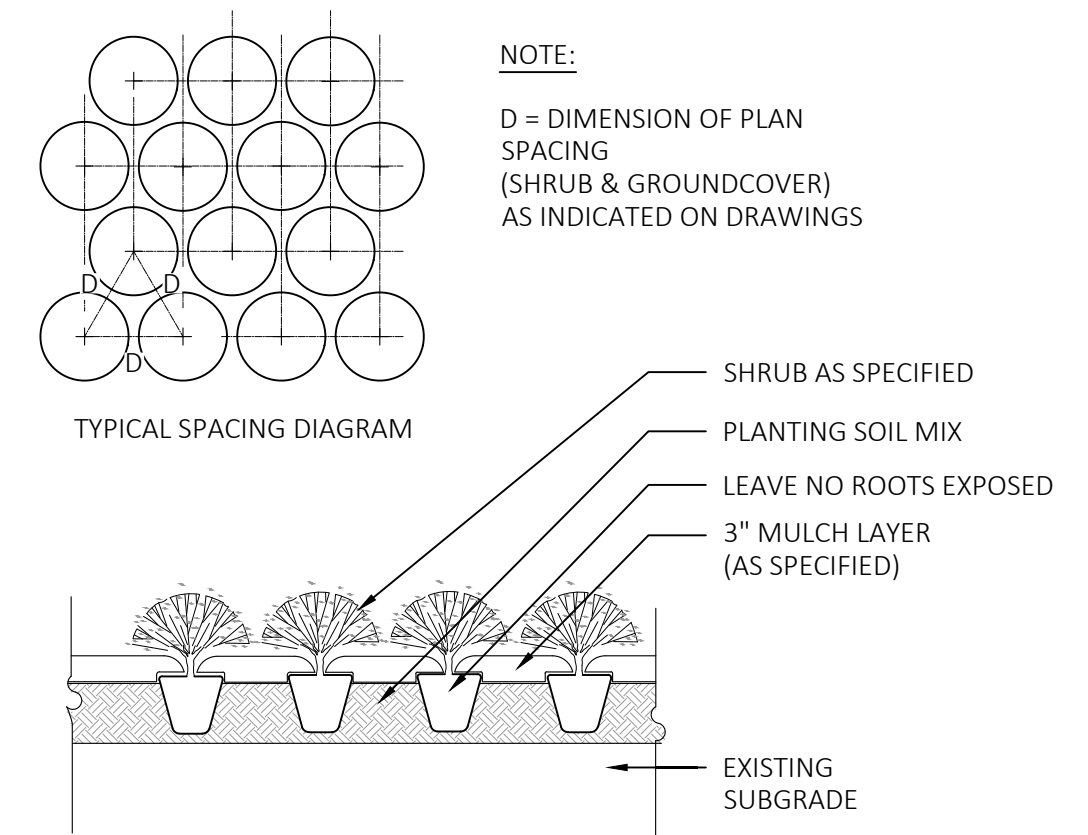
PROFESSIONAL OF RECORD:
williams@batture-eng.com

PLANTING DETAILS

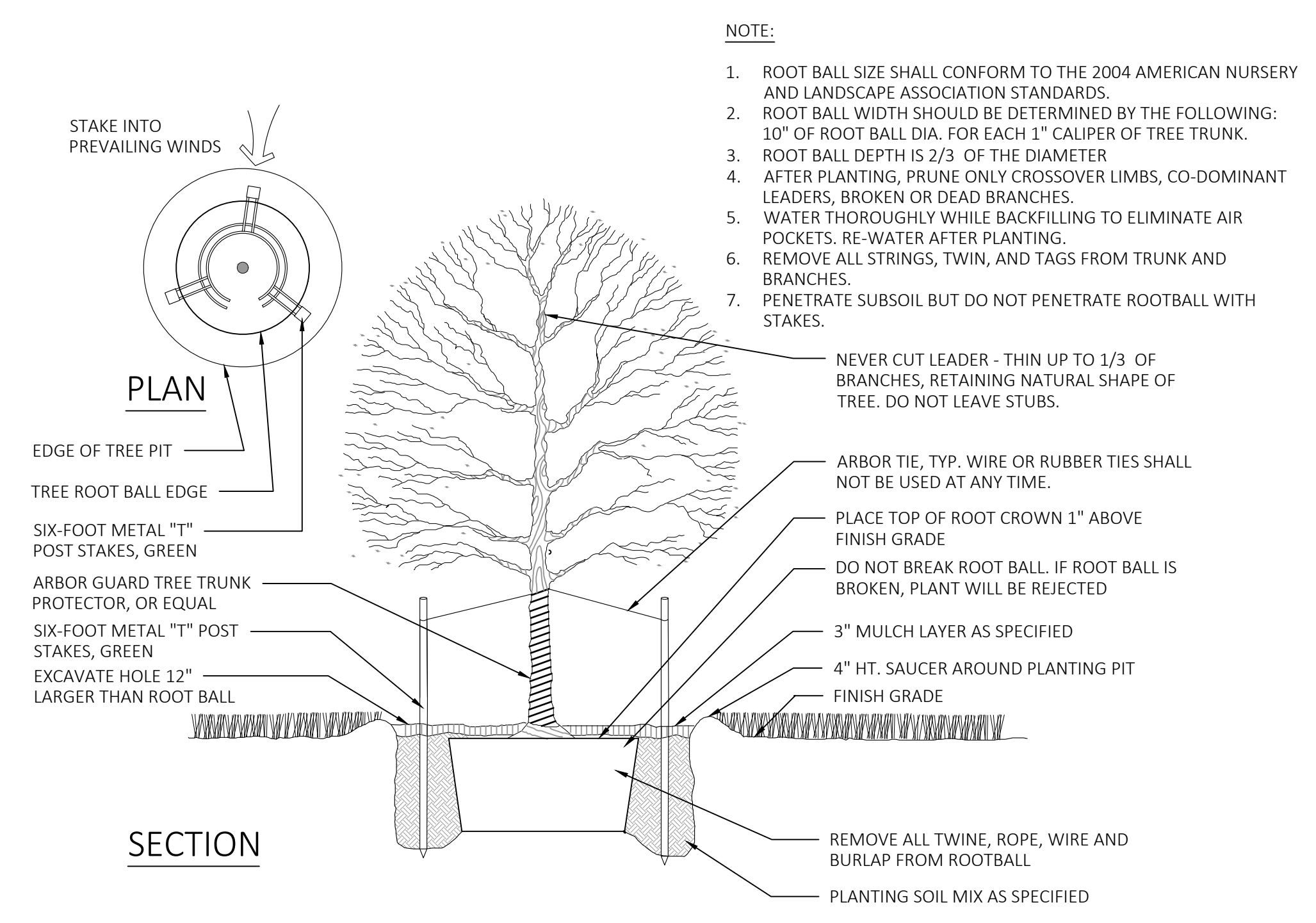
SHEET NUMBER:
L2



1 GROUND COVER PLANTING, TYP.
NOT TO SCALE

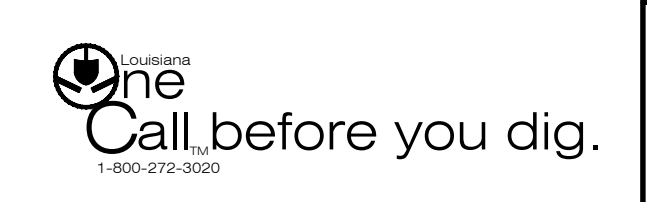


2 SHRUB PLANTING, TYP.
NOT TO SCALE



3 SINGLE TRUNK TREE PLANTING
NOT TO SCALE

1. FENCE, VERTICAL (TRELLIS) SEE
RY STAKE AGAINST THE WALL. REMOVED AT THE END OF THE CE (WARRANTY) PERIOD AFTER 5 ATTACHED TO THE WALL.
ANTING PLAN



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- GENERAL NOTES**
1. TOPOGRAPHIC SURVEY BY BFM DATED AUGUST 4, 2002 HAS NOT BEEN VERIFIED BY ARCHITECT.
 2. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL UTILITIES AND NOTIFYING THE APPROPRIATE UTILITY ENTITY PRIOR TO BEGINNING CONSTRUCTION.
 3. CLEARING AND GRUBBING LIMITS SHALL INCLUDE ALL AREAS DISTURBED BY GRADING OPERATIONS. CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UNDISTURBED AREAS, ALL PROPERTY CORNERS, AND REPLACING ALL PINS ELIMINATED OR DAMAGED DURING CONSTRUCTION.
 4. CONTRACTOR IS RESPONSIBLE FOR REPAIRS OR DAMAGE TO ANY EXISTING IMPROVEMENTS DURING CONSTRUCTION, SUCH AS, BUT NOT LIMITED TO, DRAINAGE, UTILITIES, PAVEMENT, STRIPINGS, CURBS, ETC. REPAIRS SHALL BE EQUAL TO OR BETTER THAN THE EXISTING CONDITIONS.
 5. SEE CIVIL AND LANDSCAPING FOR FINAL GRADING.
 6. SEE CIVIL FOR DE-WATER REQUIREMENTS AND PROCEDURES.
 7. CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO EXISTING UTILITIES AND SHALL REPORT DAMAGE TO THE UTILITY ENTITIES IMMEDIATELY AFTER IT OCCURS. ALL REPAIRS OF THE DAMAGED UTILITIES SHALL BE DONE BY THE RESPECTIVE UTILITY ENTITY. REPAIR COSTS SHALL BE BORNE BY THE CONTRACTOR.
 8. CONTRACTOR SHALL VERIFY VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING STORM SEWER STRUCTURES, PIPES, AND ALL UTILITIES PRIOR TO CONSTRUCTION. SEE CIVIL.
 9. HANDICAP PARKING AREAS AND ACCESS PATH (SIDEWALKS) SLOPES SHALL NOT EXCEED 2% IN ANY DIRECTION PER ADA REGULATIONS. CONTRACTOR SHALL VERIFY ELEVATIONS.
 10. CONTRACTOR SHALL PROPERLY SURVEY AND LAYOUT ALL EXISTING GRADES, PROPOSED GRADES, AND PROPOSED SITE IMPROVEMENTS PRIOR TO ANY CONSTRUCTION. THE GC SHALL NOTIFY ARCHITECT OF DISCREPANCIES IMMEDIATELY AND PRIOR TO CONSTRUCTION.
 11. CONTRACTOR SHALL ADJUST ALL FRAMES AND COVERS OF UTILITIES TO REMAIN TO MATCH THE NEW FINISHED GRADE.
 12. CONTRACTOR SHALL SECURE ALL APPLICABLE PERMITS RELATED TO CONSTRUCTION SITE MAINTENANCE INCLUDING THE SWPP (STORM WATER PROTECTION PLAN PERMIT), PROVIDE ALL NECESSARY FENCING, SCREENS, AND VEHICLE CLEANING MECHANISMS AS REQUIRED BY SWPP.
 13. SEE CIVIL, PLUMBING AND ELECTRICAL DRAWINGS FOR ALL WORK RELATED TO SITE UTILITIES.
 14. CONTRACTOR SHALL PROVIDE TREE PROTECTION FOR ALL EXISTING TREES TO REMAIN AS REQUIRED BY LANDSCAPE DRAWINGS AND SPECIFICATIONS.
 15. SEE LANDSCAPE FOR ALL NEW PLANTINGS.

Landscape, Screening, & Storm Water Management

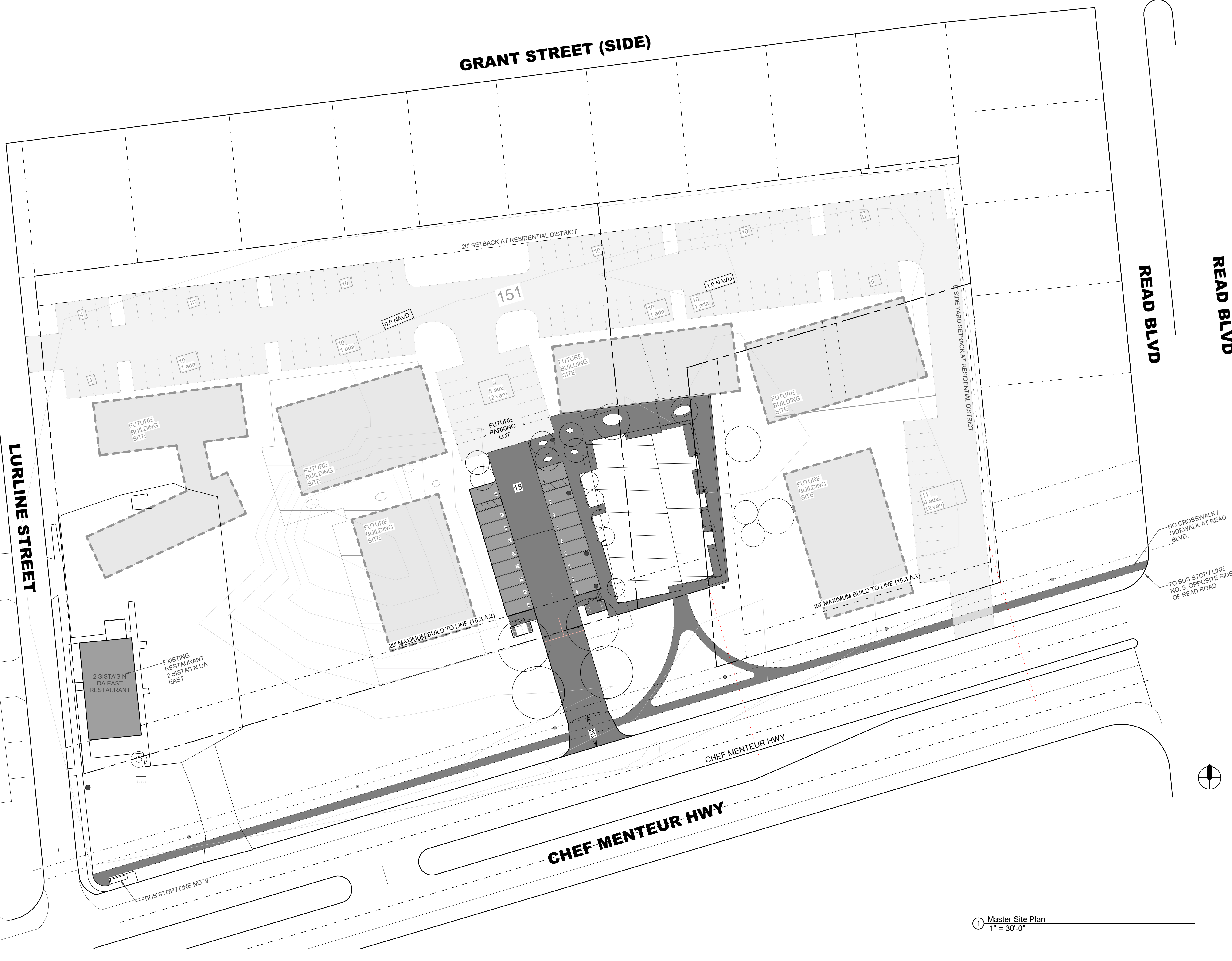
1. 23.7 PERIMETER PARKING LOT LANDSCAPE IS REQUIRED WHERE PARKING ADJUTS A PUBLIC RIGHT OF WAY.
 - A SINGLE HEDGE ROW (PLANTING REQ'S)
 - MIN. 1' WIDE GROUND COVER / MULCH
 - (1) SHADE TREE @ 40' O.C.
 - OR (1) ORNAMENTAL TREE @ 25' O.C.
 - 4' ORNAMENTAL FENCE
 - ALTERNATIVE TO SHRUB & FENCING IS A 3' PEDESTRIAN WALL.
 - PERIMETER PARKING LOT LANDSCAPE AREAS SHALL BE PROTECTED WITH RAISED CONC. CURBS
2. 23.7.B.1 PERIMETER LANDSCAPE YARD SHALL BE MIN. 5' IN WIDTH AND CONSIST OF
 - (1) ISLAND EVERY 10 CONTIG. SPACES (OR 10% TOTAL PARKING LOT SURFACE)
 - ISLANDS = SPACE DIMS. (160 SF MIN)
 - DOUBLE DEPTH AT DOUBLED ROWS
3. 23.7.C INTERIOR PARKING LOT LANDSCAPING REQUIRED. ALTERNATIVES CAN BE APPROVED IF THEY INCLUDE ALTERNATE LANDSCAPE, CANOPY, PV CANOPY, ELECTRIC CHARGING STATIONS, ETC. STANDARD REQUIREMENTS INCLUDE
 - (1) ISLAND EVERY 10 CONTIG. SPACES (OR 10% TOTAL PARKING LOT SURFACE)
 - ISLANDS = SPACE DIMS. (160 SF MIN)
 - DOUBLE DEPTH AT DOUBLED ROWS
4. 23.8.B.10' BUFFER YARD REQUIRED AT ADJOINING RESIDENTIAL DISTRICT TO INCLUDE:
 - 7' MIN. SOLID FENCE
 - (1) SHADE TREE @ 40' O.C.
 - OR (1) ORNAMENTAL TREE @ 25' O.C.
 - 4' ORNAMENTAL FENCE
 - A SINGLE HEDGE ROW (PLANTING REQ'S)
 - REMAINING SPACE TO BE GROUND COVER
5. 23.13.A REFUSE / RECYCLING YARDS SHALL BE FULLY ENCLOSED ON 3 SIDES WITH A MIN. 7' SOLID FENCE AND A GATE WITH SIMILAR AESTHETICS.
6. 23.13.B LOADING BERTHS SHALL NOT LOCATED AND ORIENTED AS TO NOT BE VISIBLE FROM THE STREET AND ADJACENT PROPERTIES. SCREENING SHALL BE PROVIDED UNLESS DEEMED UNNECESSARY BY REVIEWING BODY.
7. 23.13.C.2 OUTDOOR SALES AND DISPLAY AREAS LOCATED IN THE REAR OR SIDE YARD ADJOINING A RESIDENTIAL DISTRICT SHALL BE SCREENED WITH A MINIMUM 7' FENCE OR HEDGE.
8. ALL OUTDOOR DISPLAYS SHALL HAVE A 10' MIN. DEPTH LANDSCAPE YARD ALONG THE PUBLIC RIGHT OF WAY. PLANTING REQUIREMENTS TO BE MET.

STORM WATER NOTES

1. 2018 NO 27701 STORMWATER REGULATIONS
 - 121.8 REQUIRED FOR NEW CONSTRUCTION OVER 5,000 S.F. OF IMPERVIOUS SURFACE, OR SUBSTANTIAL IMPROVEMENT OF A SITE WITH 5,000 SF OR MORE OF IMPERVIOUS SURFACE, OR ANY SITE 1 ACRE OR MORE IN SIZE OR A SITE WITH PRINCIPAL USE AS STORMWATER MANAGEMENT, OR SFOR ANY ADDITION OR REPLACEMENT OF IMPERVIOUS SURFACE WHICH RESULTS IN FIVE THOUSAND OR MORE SF OF IMPERVIOUS SURFACE.
 - 121.1 A MIN. RETENTION OF 1.25" OF STORM WATER ON SITE.
- REQUIREMENTS FOR MINIMUM WATER QUALITY AND FILTRATION APPLY.

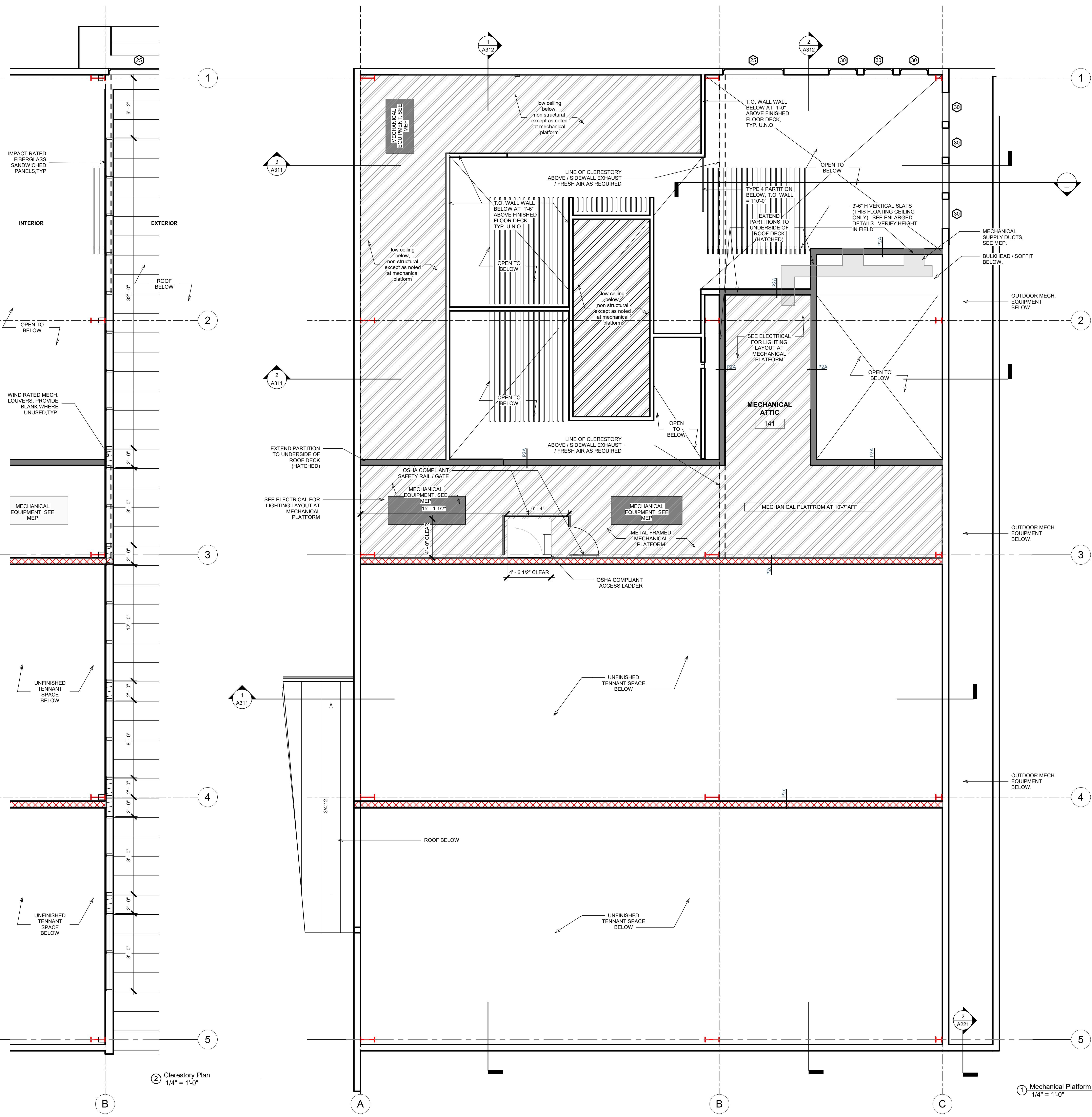
1 Master Site Plan
1" = 30'-0"

Site General Notes
1/4" = 1'-0"



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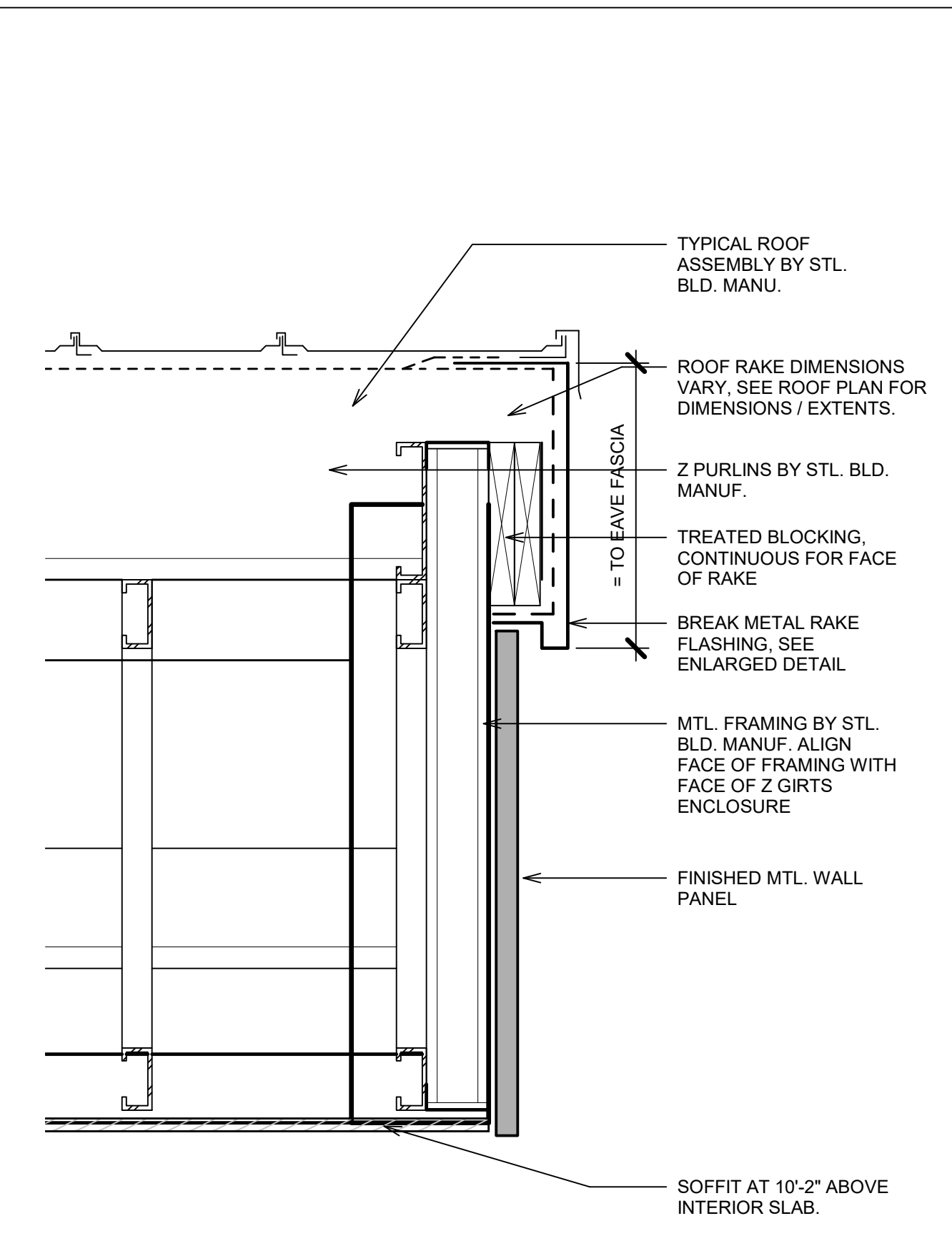


2 Clerestory Plan
1/4" = 1'-0"

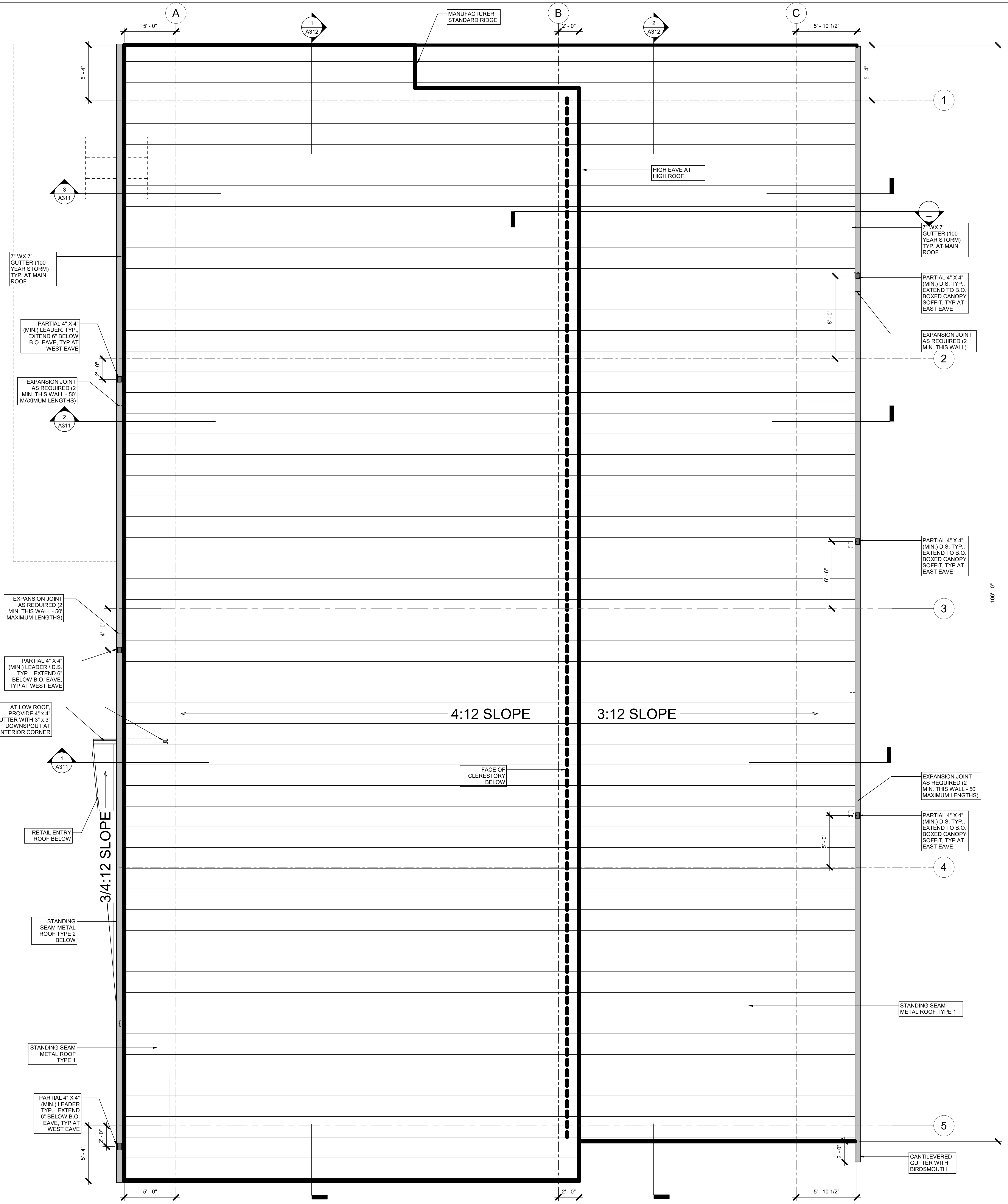
1 Mechanical Platform Plan
1/4" = 1'-0"

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2 Dtl. @ Low Rake Grid 5
1 1/2" = 1'-0"



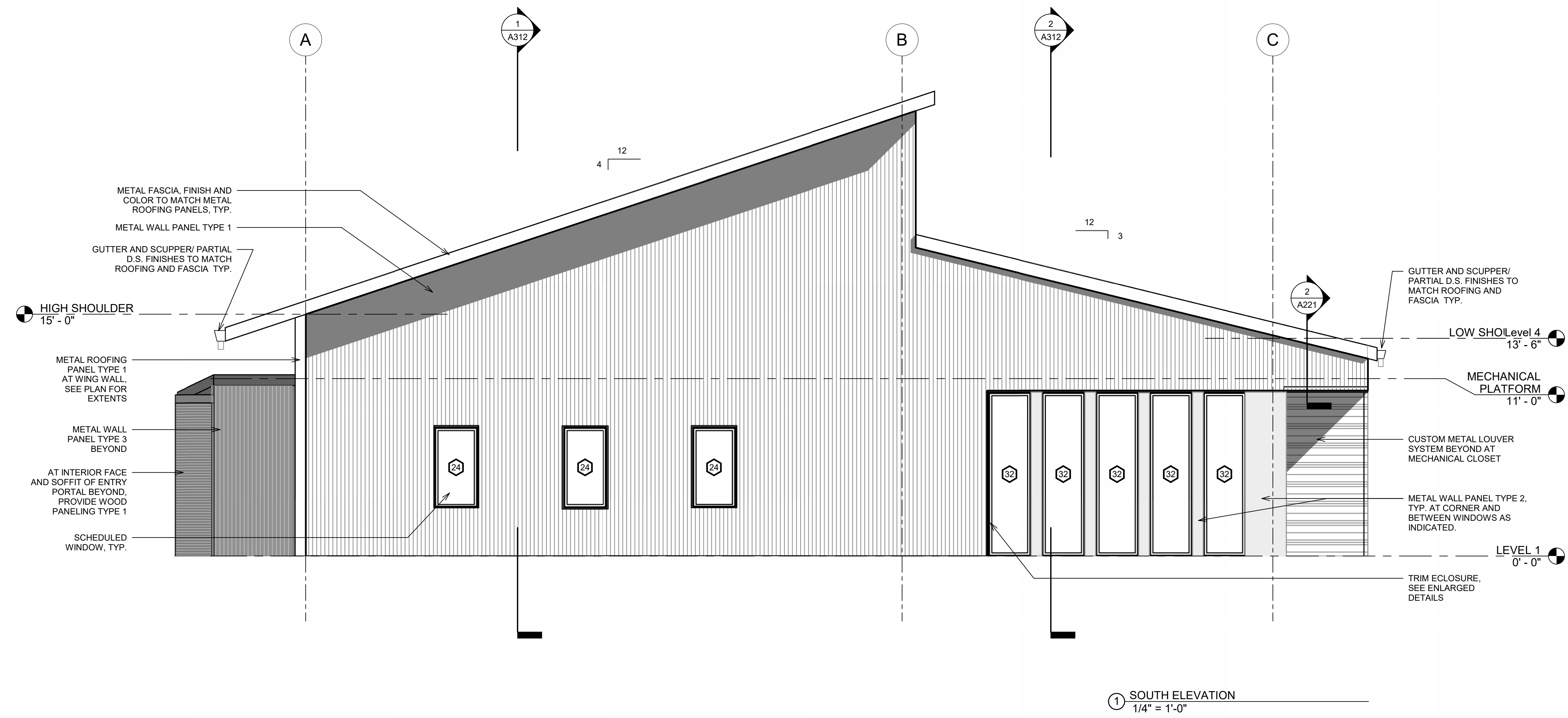
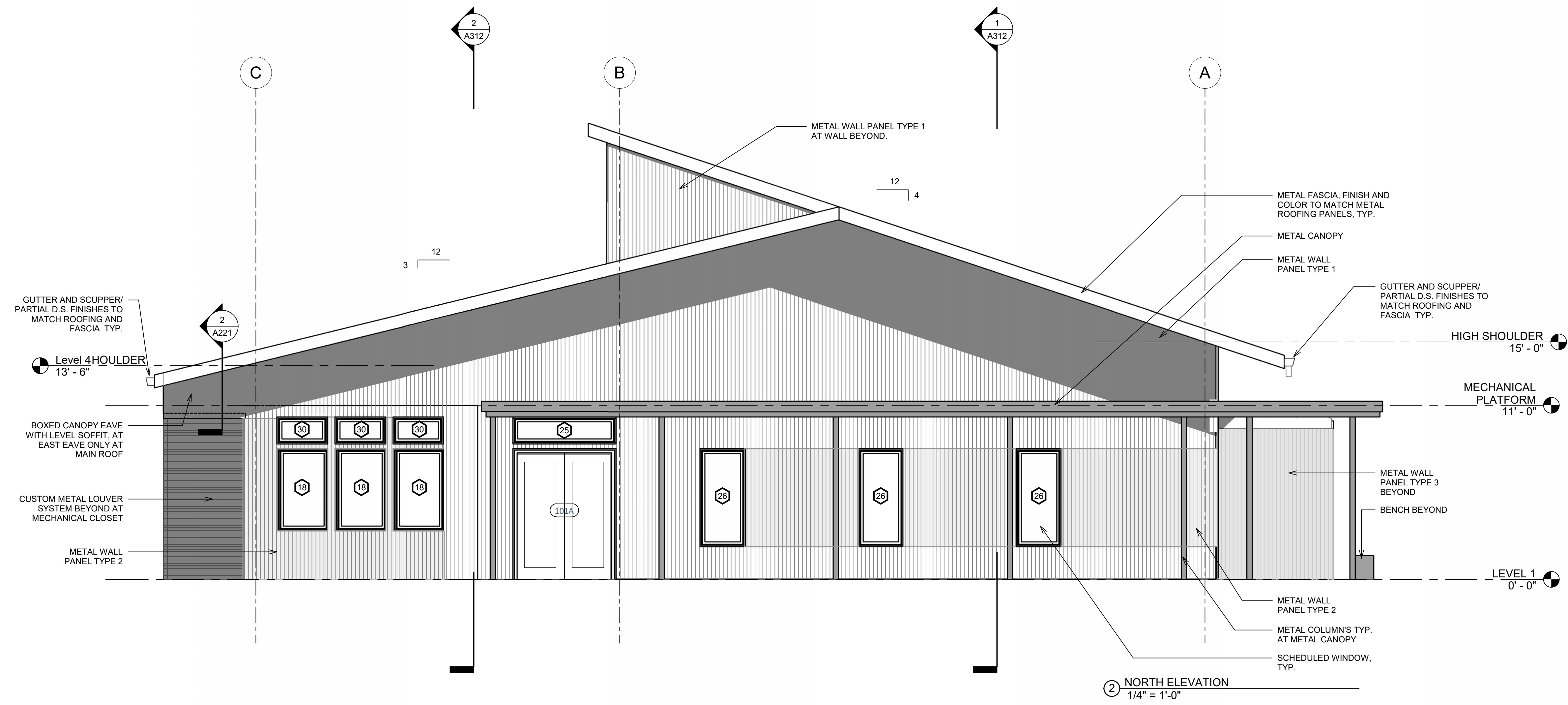
1 Roof Plan
1/4" = 1'-0"

10039 Chef Menteur Highway Medical Building
for 9901 Chef Menteur LLC
NOT FOR CONSTRUCTION
9901 Chef Menteur Hwy
New Orleans, LA 70127
PERMIT SET
Issued 6/2/2023

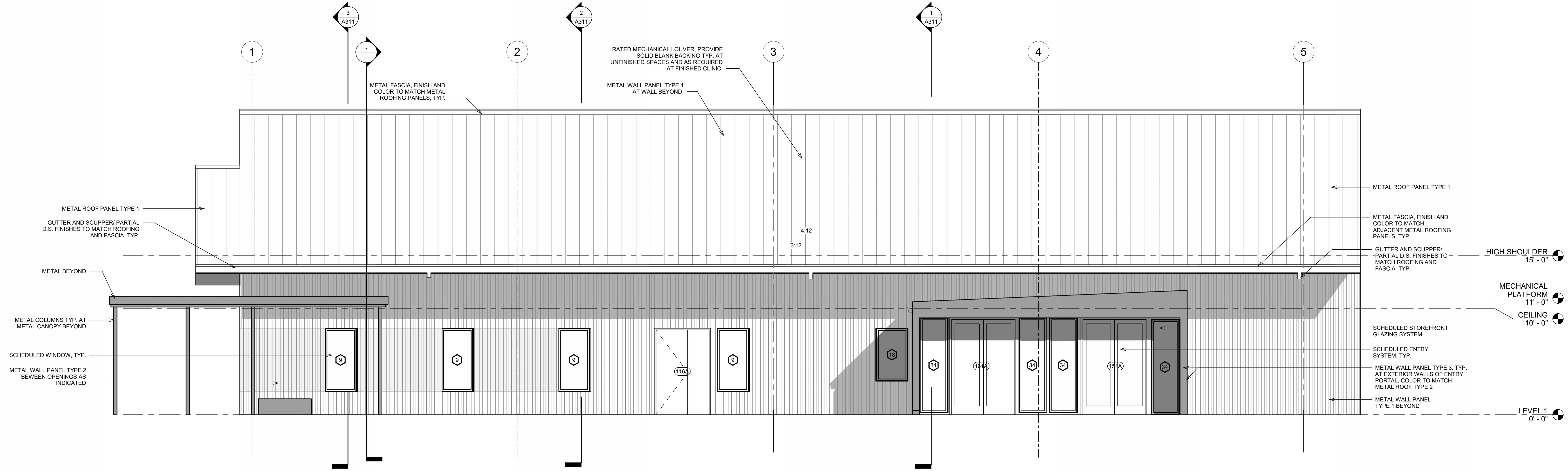
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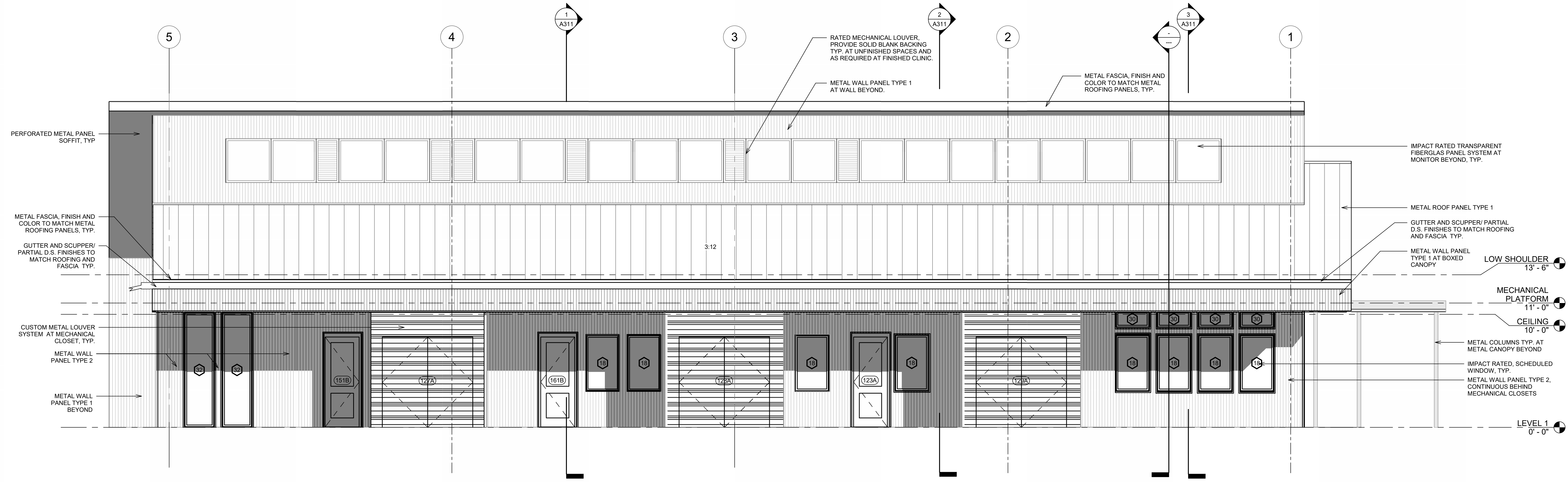
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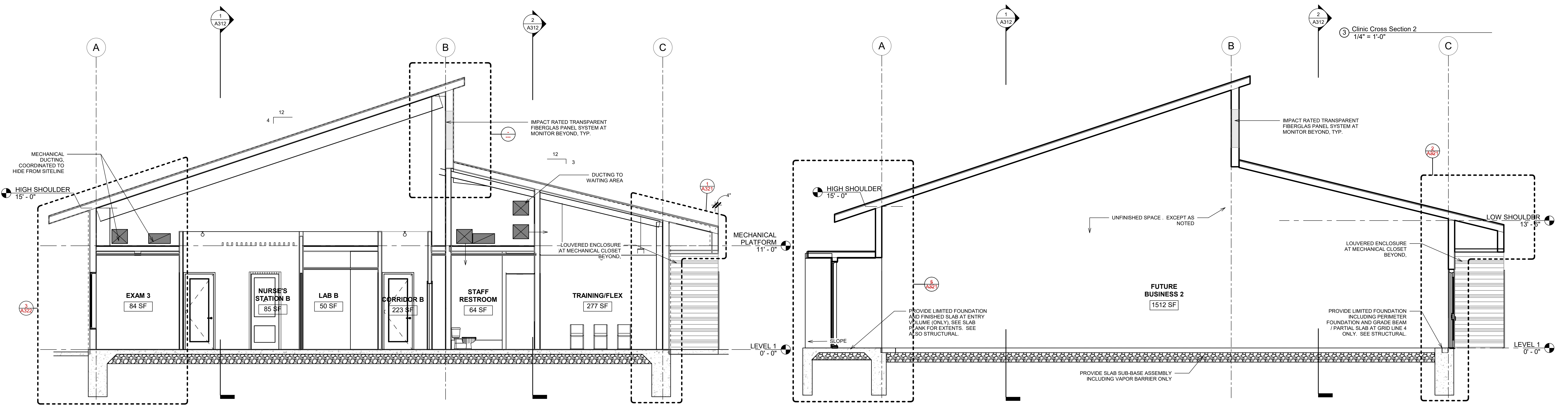
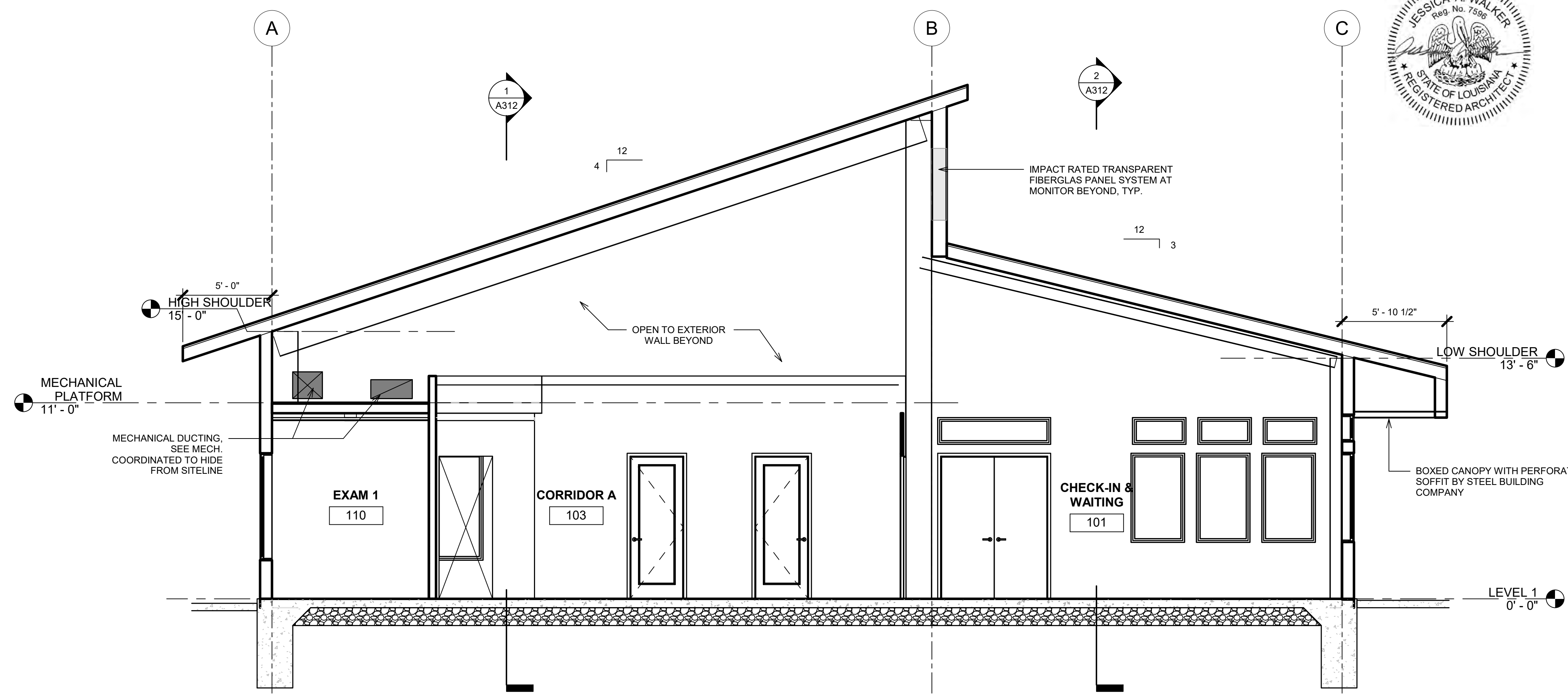
2 WEST ELEVATION
1/4" = 1'-0"



1 EAST ELEVATION
1/4" = 1'-0"

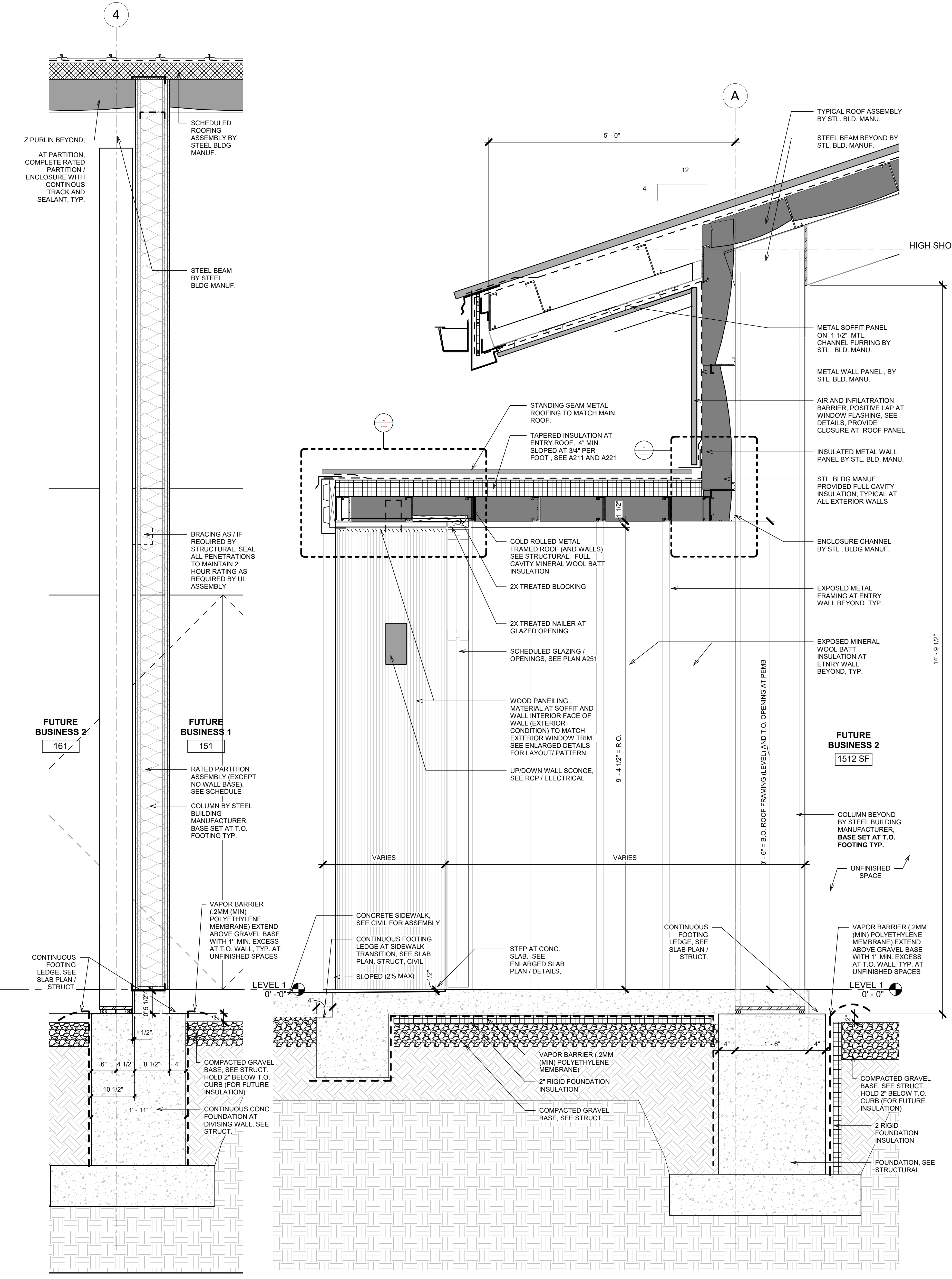
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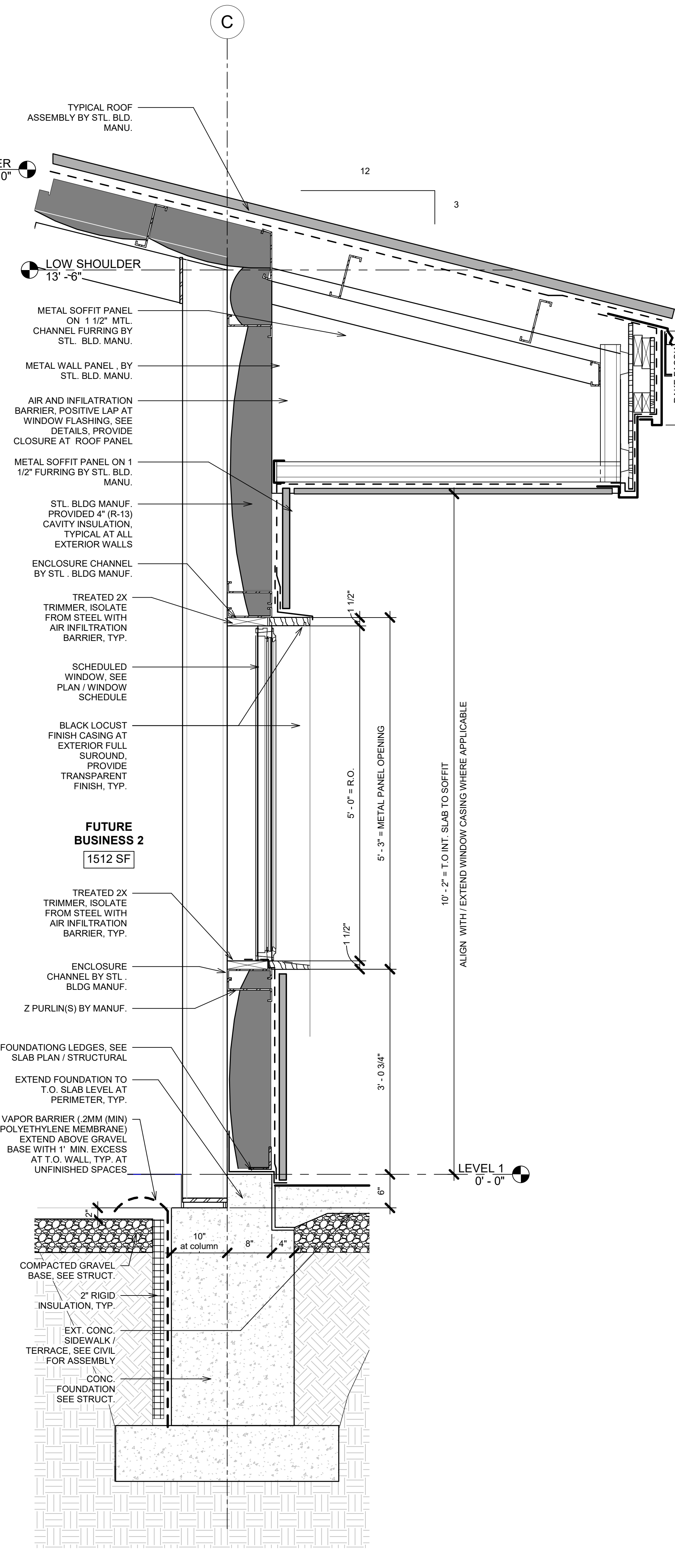
2 Clinic Cross Section 1
1/4" = 1'-0"

1 Future Tenant Cross Section 1
1/4" = 1'-0"

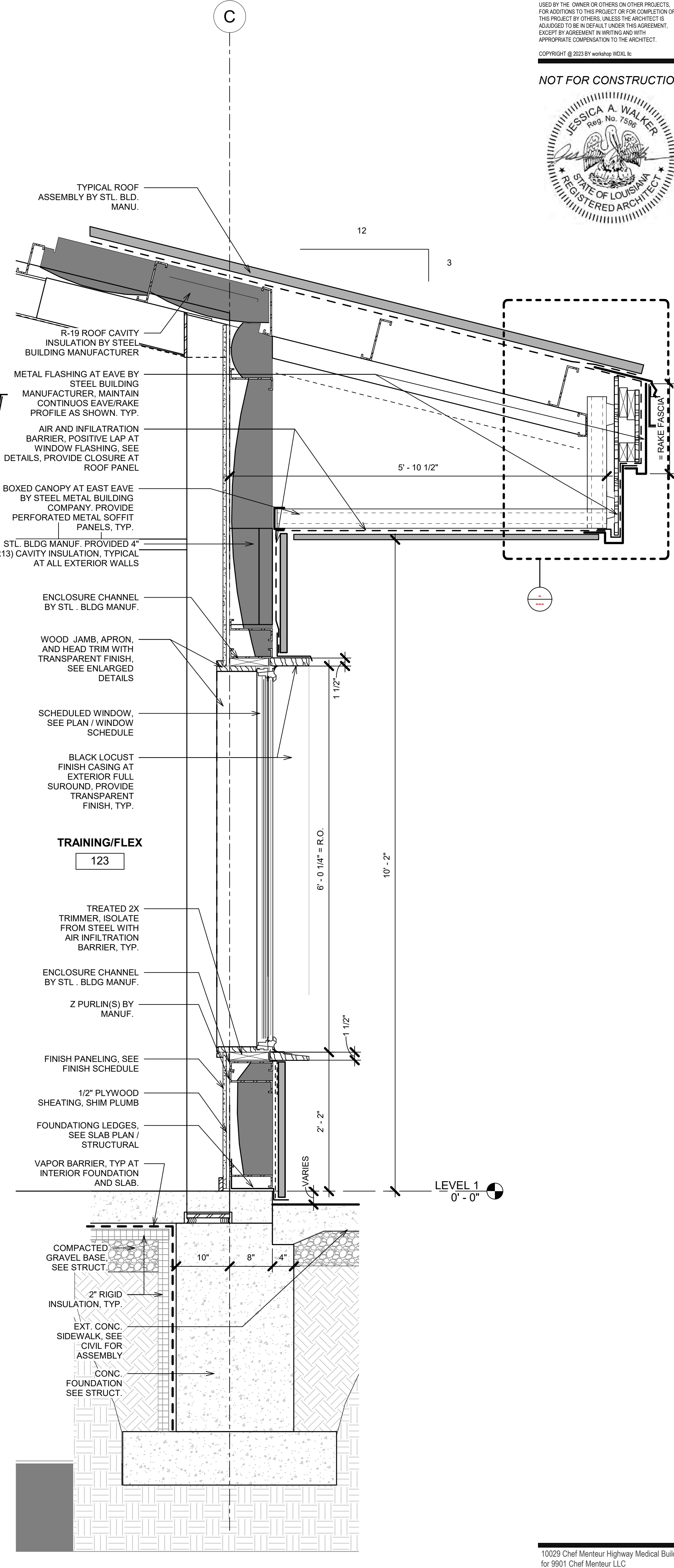


4 Wall Section @ Tenant Dividing Wall
1" = 1'-0"

5 Wall Section at tennant entry
1" = 1'-0"



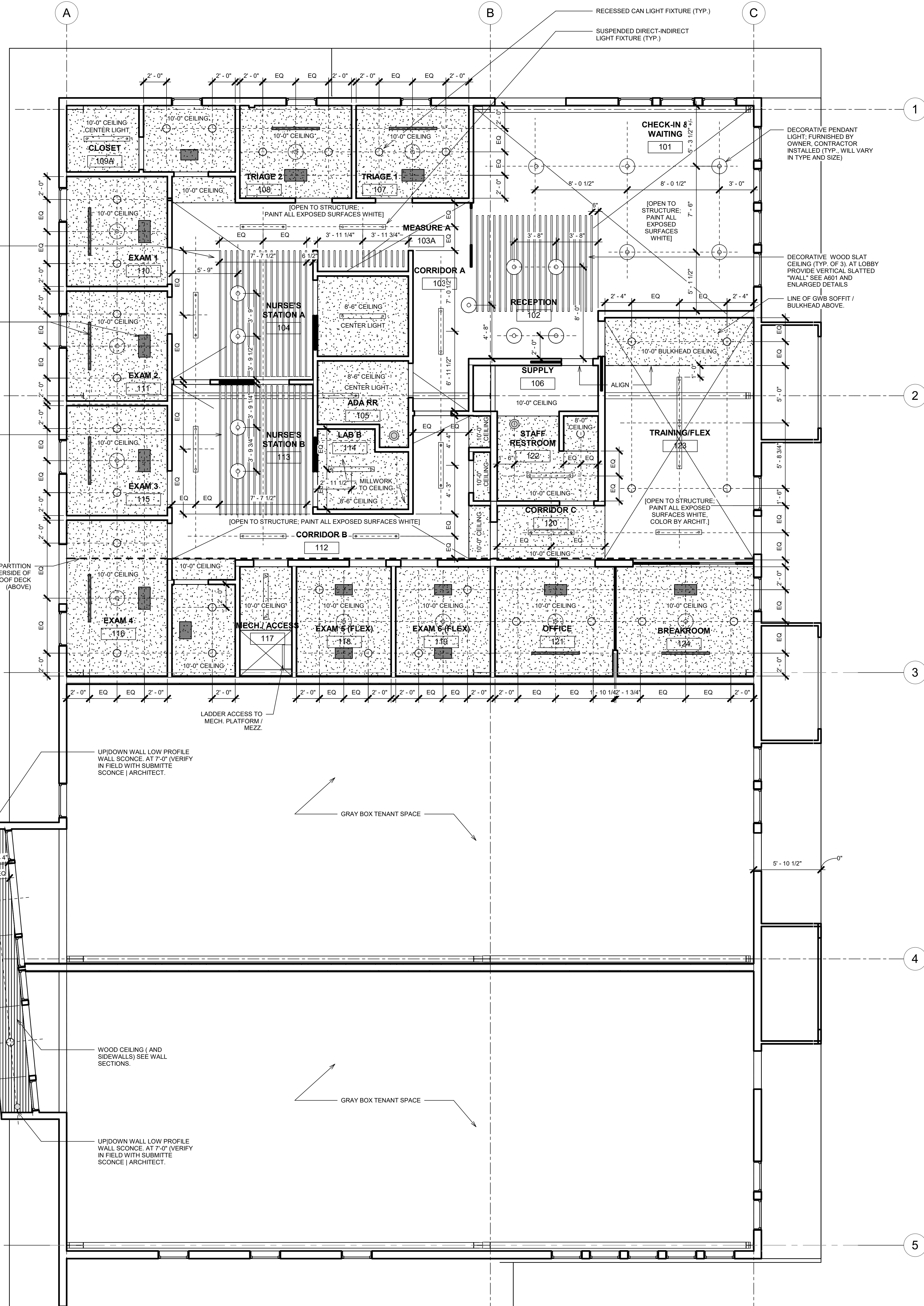
2 Wall Section at Future Tennant Grid C
1" = 1'-0"



1 Wall Section at Clinic Grid C
1" = 1'-0"

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DECORATIVE WOOD SLAT CEILING (TYP. OF 3). HEIGHT 11'-0". PROVIDE PRICE FOR HANGING AT 12'-0" A.F.F. WITH EXTRA SLACK TO ADJUST TO 9' AFF. PROVIDE PRICING FOR CERTAINTED VENEER BAFFLES. 1" X 6" @ 4" o.c. FOR AREAS INDICATED. (OR APPROVED EQUAL).

ALL EXAM AND PROCEDURE ROOMS TO HAVE HVAC SUPPLY AND RETURNS RETURNS TO BE LINEAR IN SHAPE (TYP.)

DECORATIVE WOOD SLAT CEILING (TYP. OF 3).

LINE OF PARTITION TO UNDERSIDE OF ROOF DECK (ABOVE)

UP/DOWN WALL LOW PROFILE WALL SCONCE AT 7'-0" (VERIFY IN FIELD WITH SUBMITTED SCONCE | ARCHITECT).

WOOD CEILING (AND SIDEWALLS) SEE WALL SECTIONS.

UP/DOWN WALL LOW PROFILE WALL SCONCE AT 7'-0" (VERIFY IN FIELD WITH SUBMITTED SCONCE | ARCHITECT).

- ### CEILING PLAN NOTES
- GYP. BD. SUSPENDED CEILINGS TO BE AT 10'-0" A.F.F. UNLESS OTHERWISE NOTED
 - CLINIC WORK TO INCLUDE ANY AND ALL NECESSARY COMPONENTS OF LIFE SAFETY SYSTEMS. SYSTEMS SHALL MEET ALL CODE AND ADA REQUIREMENTS, INCLUDING BUT NOT LIMITED TO:
 - EXIT SIGNS
 - EMERGENCY LIGHTING
 - FIRE AND/OR SMOKE ALARM (AUDIO AND VISUAL)
 - ADA ROOM SIGNAGE
 - CLINIC WORK TO INCLUDE THE FOLLOWING ADDITIONAL SYSTEMS:
 - AUDIO SPEAKERS IN WAITING ROOM, ALL EXAM / PROCEDURE ROOMS, CORRIDOR A & CORRIDOR B
 - SECURITY ALARM SYSTEM
 - SECURITY CAMERAS
 - BUILDING WORK TO INCLUDE EXTERIOR LIGHTING AT ALL ENTRANCES AND BUILDING PERIMETER
 - BUILDING WORK TO INCLUDE SECURITY CAMERAS AND RELATED COMPONENTS

CEILING TYPE LEGEND

	GYP. BOARD CEILING
	OPEN WOOD SLATS / DECORATIVE CEILINGS
	PENDANT FIXTURE
	SURFACE MOUNTED LIGHT FIXTURE
	PENDANT OR SURFACE MOUNTED LIGHT FIXTURE
	WALL SCONCE
	SELF POWERED EMERGENCY LIGHT
	SURFACE MOUNT EXTERIOR LIGHT FIXTURE
	SURFACE MOUNT LIGHT FIXTURE
	HIGH BAY FIXTURE
	EXIT SIGN
	EXTERIOR WALL MOUNTED LIGHT FIXTURE
	SECURITY CAMERA
	HVAC RETURN AIR GRILLES
	LIGHT / EXHAUST FAN
	HVAC SUPPLY DIFFUSER
	ACCESS PANEL - PAINT TO MATCH CEILING - WITH DROP DOWN LADDER FOR ATTIC ACCESS AND 1-BOLT WITH HOOK FOR PULL DOWN POLE

1 Level 1 Reflected Ceiling Plan
1/4" = 1'-0"

1009 Chef Menteur Highway Medical Building
for 9901 Chef Menteur LLC
NOT FOR CONSTRUCTION
9901 Chef Menteur Hwy
New Orleans, LA 70127
PERMIT SET
Issued 6/2/2023

PRELIMINARY
NOT FOR CONSTRUCTION



HERMANN ALBRECHT
LA #0-38262

BATTURE LLC

6110 FREETRY ETT., NEW ORLEANS, LA 70116
phone 504.888.8844 fax 504.386.8872
batture.com website www.batture.com

PRELIMINARY
NOT FOR CONSTRUCTION

GENERAL STRUCTURAL NOTES

I. GENERAL

- The contractor shall ensure that no construction load exceeds the design live loads indicated on the structural drawings and that these loads are not put on the structural members prior to the time that all framing members and their connections are in place.
- The contractor shall be responsible for the design, placement, maintenance, etc. of any and all shoring, bracing, tie backs, etc. needed to support any part of the new or existing construction during the entire construction process to ensure the safety and integrity of the structure until the necessary permanent elements are in place.
- See architectural, mechanical, and electrical drawings for exact location of all depressions, slopes, openings, penetrations, etc. Penetrations not shown on the structural drawings shall be brought to the attention of the structural engineer.
- Dimensions - Use written dimensions only. Do not scale from this drawing.
- The structural drawings shall govern the work for all structural features, unless noted otherwise. The architectural drawings shall govern the work for all dimensions.
- Structural drawings are intended to be used with architectural, mechanical, and electrical drawings. See these drawings for exact location of all depressions, slopes, openings, penetrations, etc. Penetrations not shown on the structural drawings shall be brought to the attention of the structural engineer. Contractor is responsible for coordinating such requirements into their shop drawings and work.
- No change in size or dimension of structural members shall be made without the written approval of the professional of record.
- Weights of mechanical equipment shown on the structural plans are for units specified by the Mechanical Engineer. Contractor shall verify weights and any substitutions that result in increased weight shall be approved by the Structural Engineer of Record.
- Omissions & Conflicts - Omissions or conflicts between various elements of the construction documents should be brought to the attention of the design team.
- Work not indicated on a part of the drawings but reasonably implied to be similar to that shown at corresponding places shall be repeated.
- In case of conflict between the General Notes and Specifications and details, the most stringent requirements shall govern.
- Existing Conditions - The Contractor shall verify the existing conditions and dimensions in the field prior to fabrication/erection. The Contractor shall report any discrepancies between the drawings and the actual existing conditions and dimensions to the Engineer.
 - If the existing field conditions do not permit the installation of the work in accordance with the details shown, the Contractor shall notify the Architect/Engineer immediately and provide a sketch of the condition with his proposed modification of the details given on the Contract Documents. Do not commence work until condition is resolved and modification is approved by the Architect.
 - Verify the location of all existing utilities before commencing any work. Any interference shall be brought to the attention of the Structural Engineer.
 - Where alterations involve the existing supporting structure, the Contractor shall provide shoring and protection required to ensure the structural integrity of the existing structure.
 - With the exception of defects discovered by us or pointed out to us by others to date, our design and the work shown here assumes that the existing structural elements are sound and capable of supporting loads to their full, theoretical, code-allowed capacities. EOR is not responsible for any additional costs, damages, or injuries resulting from discovery or failure of any element that is found to be damaged, deteriorated, or otherwise structurally impaired.
- If any items herein are not understandable or clear as to intent, the contractor must notify the Engineer of Record for clarification and/or supplemental information prior to actual installation.
- The contractor shall inform the professional of record in writing of any deviation from the contract documents. The contractor shall not be relieved of the responsibility of such deviation by the professional of record review of shop drawings, product data, etc., unless the contractor has specifically informed the professional of record of such deviation at the time of submission, and the professional of record has given written approval to the specific deviation.
- All columns shall be centered on grid lines unless noted otherwise.
- All column footings and pile caps shall be centered on columns unless noted otherwise.

II. DESIGN BASIS

- Applicable Codes and Standards
 - International Building Code 2021
- Design Live Loads
 - Roof - 20 psf
 - Decks - 60 psf
 - Living Floors - 40 psf
 - Assembly Areas - 100 psf
- Wind Load based on ASCE 7-16 Minimum Design Loads for Buildings and Other Structures
 - Basic Wind Velocity 144 mph
 - Risk Category II
 - Exposure B
 - Design Method
 - MWFRS - Chapter 27, Directional Procedure
 - C&C - Chapter 30 Part 1, Envelope Procedure
 - Mean Roof Height = 26'-10" ft
 - Roof Slope = 18.43°
 - Enclosure Classification = Enclosed
- Service Components and Cladding Pressures per Code

0.6 Factor is already included in reported pressure

Effective Wind Area = 10 sf	(+)	(-)	(-)
a. <u>Roof</u>			<u>Overhang</u>
Zone 1	12.9 psf	-41.3 psf	-50.8 psf
Zone 2e	12.9 psf	-41.3 psf	-50.8 psf
Zone 2r	60.1 psf	-60.3 psf	-69.8 psf
Zone 2n	6.1 psf	-60.3 psf	-69.8 psf
Zone 3e	6.1 psf	-60.3 psf	-81.2 psf
Zone 3r	12.9 psf	-71.7 psf	-92.6
b. <u>Wall</u>			
Zone 4	22.4 psf	-24.3 psf	
Zone 5	22.4 psf	-30.0 psf	

 - See Figure 1 for C&C Zone Designations
 - Distance "a" = 6.13 ft

Engineer of Record can furnish C&C load for larger effective wind areas upon request

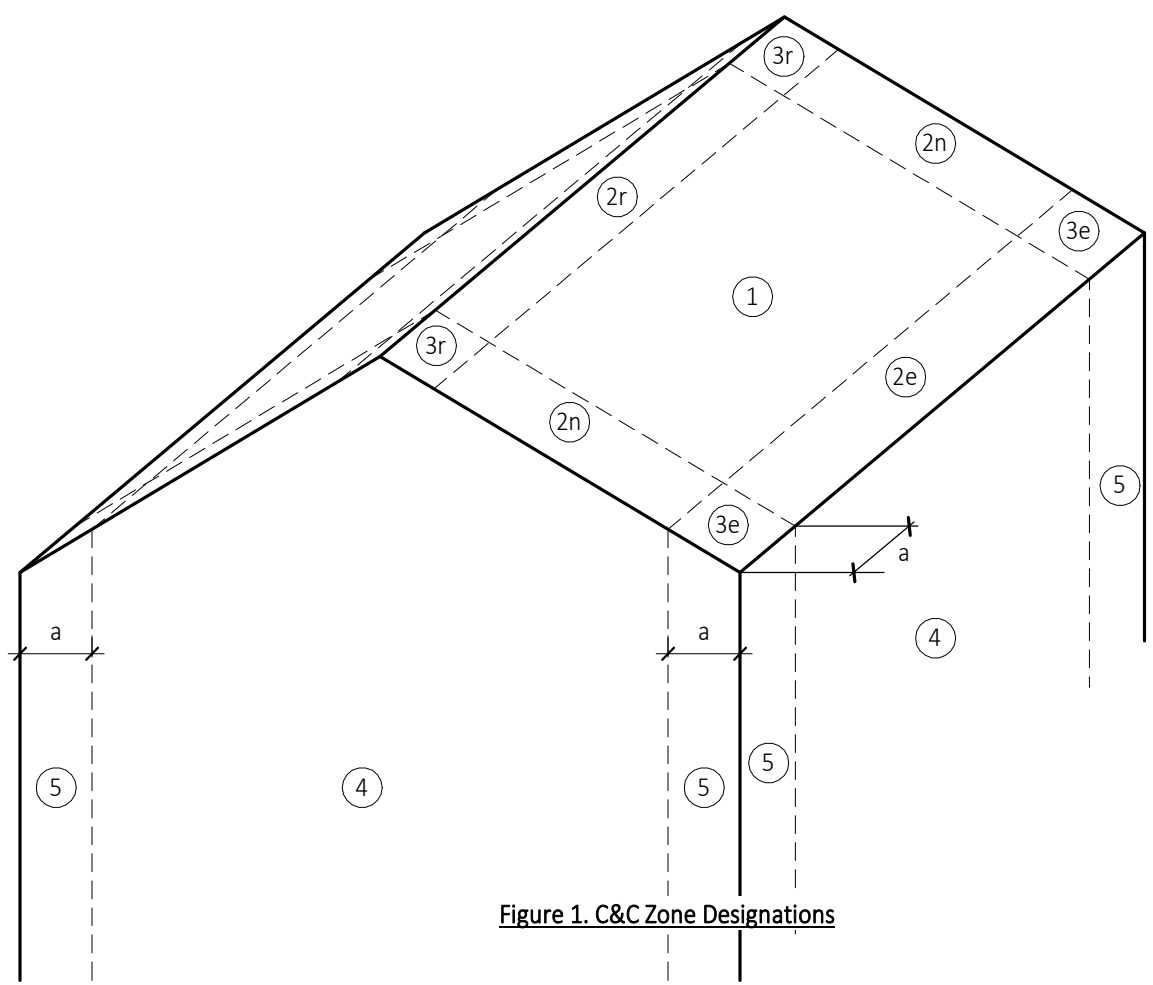


Figure 1. C&C Zone Designations

III. MATERIALS

A. CONCRETE

- Concrete shall be designed and detailed in accordance with the Building Code Requirements for Structural Concrete (ACI 318 latest edition), and constructed in accordance with the CRSI Manual of Standard Practice and ACI 301.
 - All concrete shall have a minimum 28-day compressive strength of 4,000 psi.
 - All concrete shall be normal weight concrete (144 pcf +) with all cement conforming to ASTM C150, Type I. Maximum aggregate size shall be 1-1/2 inches for footings and 3/4" for walls and slabs, conforming to ASTM C33 unless noted otherwise.
 - Submit to Architect/Engineer reinforcing steel shop drawings for approval and mix designs for review prior to placing any concrete.
 - Arrangement and bending of reinforcing steel shall be in accordance with ACI 315 Detailing Manual, latest edition.
 - Reinforcing steel shall be new and all bars shall be deformed and shall conform in ASTM 615 Grade 60.
 - Unless noted otherwise, bar laps shall be Class B tension laps and shall be lapped with minimum lengths as listed in the schedule, where splices are required in reinforcing.
 - Corner bars shall be provided for all horizontal reinforcing bars at the intersections and corners of all strip footings, beams, and walls unless noted otherwise. Corner bars shall be of the same size and grade as the horizontal reinforcing they connect. See Typical Details for more information.
 - Provide suitable wire spacers, chairs, ties, brickettes etc. for supporting reinforcing steel in the proper position while placing concrete. Do not "wet stick" dowels.
 - Typical minimum concrete protective covering for reinforcement shall be 1-1/2"; minimum cover shall be 2" on surfaces in contact with the earth and 3" at earth-formed surfaces.
 - All welded wire fabric shall conform to ASTM A-185 and shall be lapped a minimum of (2) wire spaces.
 - Provide minimum 10 mil vapor barrier below all concrete at grade level. Vapor barrier shall be continuous with 12" lap to accommodate pouring direction. Barrier shall only be cut at pile locations.
 - Bonding agent shall be used where new concrete is placed against existing concrete.
 - Chamfer all exposed concrete corners unless noted otherwise on Architectural Drawings.
 - Where existing concrete at the first floor level is removed to install new utilities, etc., the contractor shall notify the structural engineer of the location and extent of any such removal prior to performing the work. Where possible, existing reinforcement shall not be cut, bent, or damaged. Whenever reinforcement is cut, damaged or bent, it shall be brought to the attention of the structural engineer and repaired or replaced as directed.
 - Material used for filling voids under concrete shall be extruded polystyrene insulation board in accordance with ASTM D6817 having a nominal minimum 0.9pcf and compressive strength of 3.6psi @ 1%. Basis of design: EPS15 with termiticide.
 - The concrete slabs shall be finished flat and level within tolerance, to the elevation indicated on the drawings. The Contractor shall provide the means by which the maximum and minimum concrete slab thickness can be monitored and verified during and after the placing and finishing operations. See Specifications for floor levelness requirements.
 - Early drying out of concrete, especially during the first 24 hours, shall be carefully guarded against. All surfaces shall be moist cured or protected using a membrane curing agent applied as soon as forms are removed. If membrane curing agent is used, exercise care not to damage coating.
 - Cold weather concreting shall be in accordance with ACI-306. Hot weather concreting shall be in accordance with ACI-305R.
 - Throughout construction, the concrete work shall be adequately protected against damage due to excessive loading, construction equipment, materials or methods, ice, rain, snow, excessive heat, and freezing temperatures.
 - The Contractor shall prepare one (1) set of (3) concrete prisms for testing at 7 days and one (1) set for testing at 28 days and retain (1) set for reserve. Tests are to be conducted by the Contractor's Inspection and Testing Agency for each 100 cy of concrete placed but not less than (1) set per day of concrete placement.
 - Prepare concrete test cylinders from each day's pour. Cylinders shall be properly cured and stored. Sample fresh concrete in accordance with ASTM C172.
 - Retain laboratory to provide testing service. Slump per ASTM C143, air content per ASTM C231, cylinder tests per ASTM C39.
 - EOR may perform periodic, visual inspection of the concrete reinforcement placement prior to pouring.
 - Visual inspection by the EOR does not guarantee the Contractor's work or alleviate the Contractor from final responsibility to place reinforcement and concrete in accordance with the Contract Drawings and Specifications.
 - Locations and sizes of openings, sleeves, etc. required for other trades must be verified by these trades before placing concrete.
 - All slots, sleeves, trenches, and other embedded items shall be set and secured against movement before the concrete is placed. See Architectural, Electrical, Mechanical, Plumbing, and Vendor drawings for sizes and locations.
 - As part of the submittal process, the Electrical and Mechanical Contractor(s) shall submit a proposed routing plan for all pipes, conduits, or other devices to be embedded in the concrete. The submittal shall show specific sizes and locations of all proposed embed items referencing proximity to beam, column, and slab edges.
 - Conduits and pipes embedded in concrete slabs may be no larger than 1/3 of the slab thickness (based on the maximum outside diameter) and shall have a center-to-center spacing no less than three (3) conduit diameters. Regardless of diameter, the minimum clear spacing between conduits or reinforcing shall be one (1) inch.
 - No aluminum conduits, devices, or fixtures may be embedded into the concrete so that the aluminum is in direct contact with the concrete.
 - No conduits shall be placed in slabs within 12 inches of column face or face of bearing wall.
 - Waterstops shall be Waterstop-RX Volclay waterproofing by American Colloid Company or approved equal unless noted otherwise.
 - Expansion Joint Filler shall be non-extruded preformed material composed of fiberboard impregnated with asphalt conforming to the requirements of ASTM D1751 unless noted otherwise.
- B. PILE FOUNDATIONS
- Piling shall be treated timber and shall conform to ASTM D25 with a minimum tip diameter of 6 inches and minimum butt diameter of 8 inches (Class 5). The tip of all piles shall be driven to an elevation of 45FT. Design Load = 7.5 tons as established by the geotechnical report performed by Southern Earth Sciences and dated May 3, 2023.
 - Note tension pile locations and note different required cut-off elevation for installation of test pile apparatus per Drawings.
 - Vibration shall not exceed 0.25 in/sec peak particle velocity (PPV).
 - All piles shall be treated to 0.8 CCA or approved equivalent and in accordance with AWWA Standard U1 and Use Category UC4B.
 - A minimum of one (1) in-situ load test shall be performed in accordance with the Project Specifications for piles under static axial compression load.
 - At a minimum, (2) probe piles shall be driven for each test pile with one chosen by the EOR for final load testing. Provide a plan with proposed probe pile locations to the EOR for approval.
 - Install and test piles at the locations shown on the plans or at locations determined by the Engineer in order to verify the design pile capacity. Axial pile load tests shall be performed in accordance with ASTM D1143 Method A: Quick Test holding period along with the Method #1 per City of New Orleans Building Code total test load and settlement failure criteria. The Pile Contractor shall provide complete testing materials and equipment as required, install test and reaction piles and perform the load tests only in the presence of the third-party inspector engaged by the Installer. Install (2) probe piles minimum for each pile load test at the locations determined by the Engineer preceding the pile load test.
 - Test piles shall be allowed to set a minimum of 14 days prior to testing.
 - Reaction and probe piles shall not become part of the permanent foundation.
 - Test piles, reaction piles and probe piles shall be cut off 3' below grade and contractor to regrade area to pre-construction conditions prior to demobilizing from site.
 - Probe piles shall match diameter of project piles with a length a minimum 60 inches longer than project specified embedment.
 - Contractor's engaged professional Engineer shall prepare a stamped report stating findings and final pile embedment and final allowable load capacity.
 - Trenching and other excavation coordination for foundations with Pile Foundations shall be the responsibility of the General Contractor.
 - The report of the Geotechnical Engineer or pile load test report shall be forwarded to the Architect for review.
 - Contractor is to notify "LA One Call" a minimum of 48 hours before pile driving operations commence.

C. ADHESIVE ANCHORS AND DOWELS

- Substitution of expansion or adhesive anchors for embedded anchors shall not be permitted unless specifically approved in writing by the Structural Engineer of Record prior to pouring the concrete containing the anchors.
- Unless noted otherwise, Hilti HIT-HY 270 epoxy system shall be used for an adhesive anchor in brick and concrete masonry.
- Unless noted otherwise, Hilti HIT-HY 200 V3 epoxy system shall be used for an adhesive anchors or dowels in concrete.
- Where base material is hollow block brick or other material containing pockets or voids, a screen tube, per manufacturer's recommendations, shall be employed in the system.
- The spacing, minimum embedment, and installation of the anchors shall be in accordance with the manufacturer's recommended procedures and in accordance with the plans.
- Anchor rods used in adhesive anchorage systems shall conform to ASTM F1554 steel.
- Use of diamond core bit with roughening tool for anchor holes requires approval from engineer of record prior to drilling. Unless otherwise shown in the drawings, all holes shall be drilled perpendicular to the concrete surface.
- Overhead adhesive anchors must be installed using the Hilti Profi piston plug system.

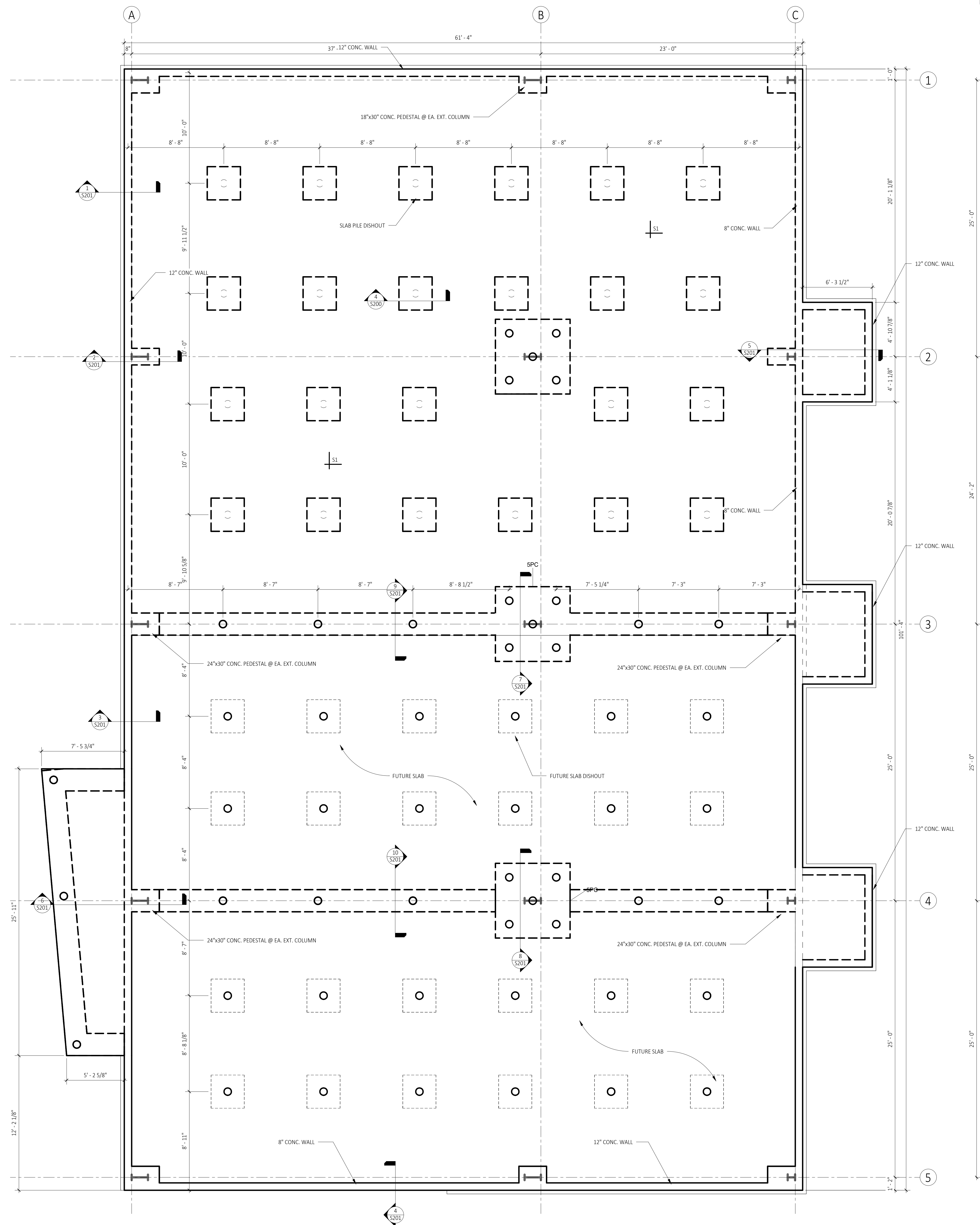
D. PRE-ENGINEERED BUILDINGS

- The building is a pre-engineered single story, rigid frame metal building of length, width, eave height and roof pitch indicated on Architectural drawings. Standard components may be used, providing structure conforms to design and specified requirements.
- Submit written certification along with calculations and shop drawings prepared and signed by a professional engineer licensed to practice in the project's jurisdiction verifying that design meets design loads indicated on the Structural drawings and codes of authorities having jurisdiction. Submit erection drawings showing installation details necessary to indicate proper assembly of components.
- Design primary and secondary structural members and exterior covering materials for applicable loads in accordance with the Metal Building Manufacturer's Association's (mBMA) "Design Practices Manual".
- Comply with AISC "Specifications for the Design, Fabrication and Erection of Structural Steel for Buildings". Comply with AISC "Specification for the Design of Cold Formed Steel Structural Members" and "Design of Light Gage Steel Diaphragms". Comply with AISC "Standard Code for Arc and Gas Welding in Building Construction."
- Manufacturer shall have at least 5 years experience in fabrication of pre-engineered buildings and the erectors shall be licensed by the manufacturer, and have at least 5 years experience in the erection of pre-engineered buildings similar to those required.
- Structural steel shall comply with astm A36 or astm A529.
- Tubing or pipe shall comply with astm A500, grade B, or astm A501.
- Members fabricated from plate or bar stock shall have a 42,000 psi minimum yield strength. Comply with astm A529, A570, or A572.
- Members fabricated by cold forming shall comply with astm A607, Grade 50.
- Galvanized steel sheet shall comply with astm A446 with G90 coating; "class" to suit manufacturer's standards.
- Bolts for structural framing shall comply with astm A307 or A325 as necessary for design loads and connection details. Shop painted, except zinc- or cadmium-plated when framing components are in direct contact with roofing and siding panels.
- Structural framing components shall be provided to size and section required, complete with base, bearing and other plates required for erection, welded in place. Provide required holes for anchoring or connections shop drilled or punched to template dimensions. General contractor to coordinate base plate anchor bolt layout prior to concrete placement.
- Provide diagonal rods or angle bracing in roof and sidewalls as required. Moment resisting frames may be used in lieu of sidewall rod bracing. Where diaphragm strength of roof or wall covering is adequate to resist wind forces, other forms of bracing will not be required.
- Provide framing as required to provide openings as indicated on Architectural drawings. Provide framing as required to support mechanical equipment. Framing members shall be capable of carrying design loads indicated and vibrations imposed. Securely attach to building structural frame.
- All structural steel frames shall be securely braced until all roof decks and permanent bracing members have been installed and become capable of stabilizing the frames.



FOUNDATION AND GROUND FLOOR PLAN NOTES

- GROUND FLOOR SLAB ELEVATION IS REFERENCED AS ELEVATION (00'-0").
- TOP OF SLAB ELEVATION IS AT DATUM UNLESS NOTED THUS "X-XX" ON PLAN.
- BOTTOM OF BASE PLATE ELEVATION IS 0'-6" UNLESS NOTED THUS "X-XX" ON PLAN.
- TOP OF PILECAP ELEVATION IS AS NOTED "X-XX" ON PLAN.
- SEE DRAWING 5000 FOR GENERAL NOTES.
- SL DENOTES 6" SLAB W/ #5 BARS @ 14" O.C. AT MIDHEIGHT. PROVIDE VAPOR RETARDER BELOW SLAB.
- DENOTES SINGLE GRADE BEAM OR SLAB PILE, CLASS 5, 45FT EMBEDMENT, DESIGN CAPACITY OF 7.5 TONS.
- COORDINATE SLAB DEPRESSIONS, EMBEDMENT REQUIREMENTS AND OPENING WITH ARCH AND MEP DWGS.
- DENOTES SLOPE TO LOW POINT.
- DENOTES CHANGE IN ELEVATION.
- COORD ALL NEW AND EXISTING UNDERGROUND UTILITIES WITH FOUNDATIONS AND SUBMIT ALL-PURPOSED SLEEVE LOCATIONS TO ARCH/ENG FOR REVIEW.
- VERIFY ELEVATOR PIT DIMENSIONS WITH ELEVATOR SHOP DRAWINGS PRIOR TO FORMING.
- REFER TO STRUCT SPECS, GENERAL NOTES, AND SCHEDULES FOR OTHER INFORMATION NOT SHOWN.



1 1ST FLOOR PLAN
S101 1/4" = 1'-0"

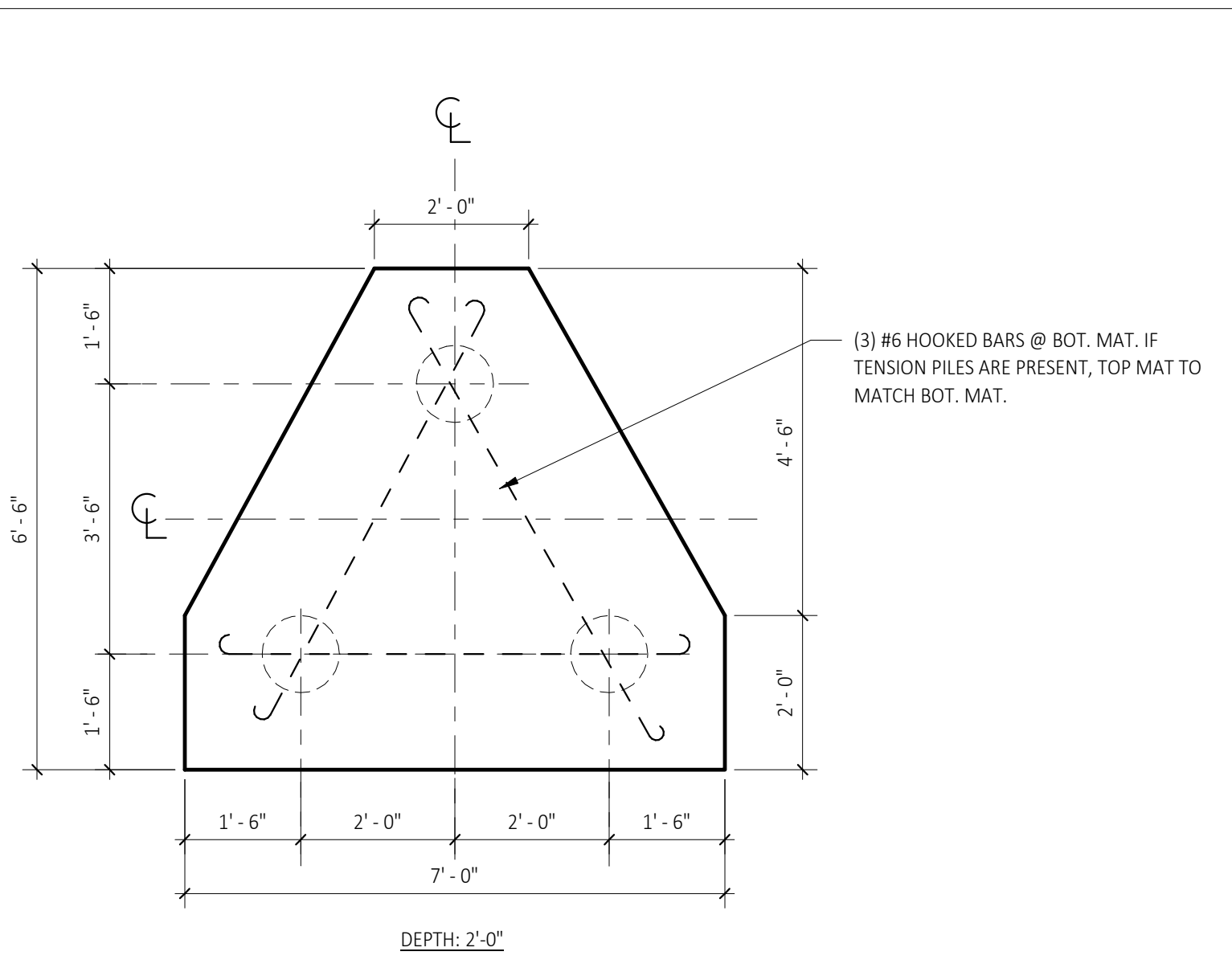


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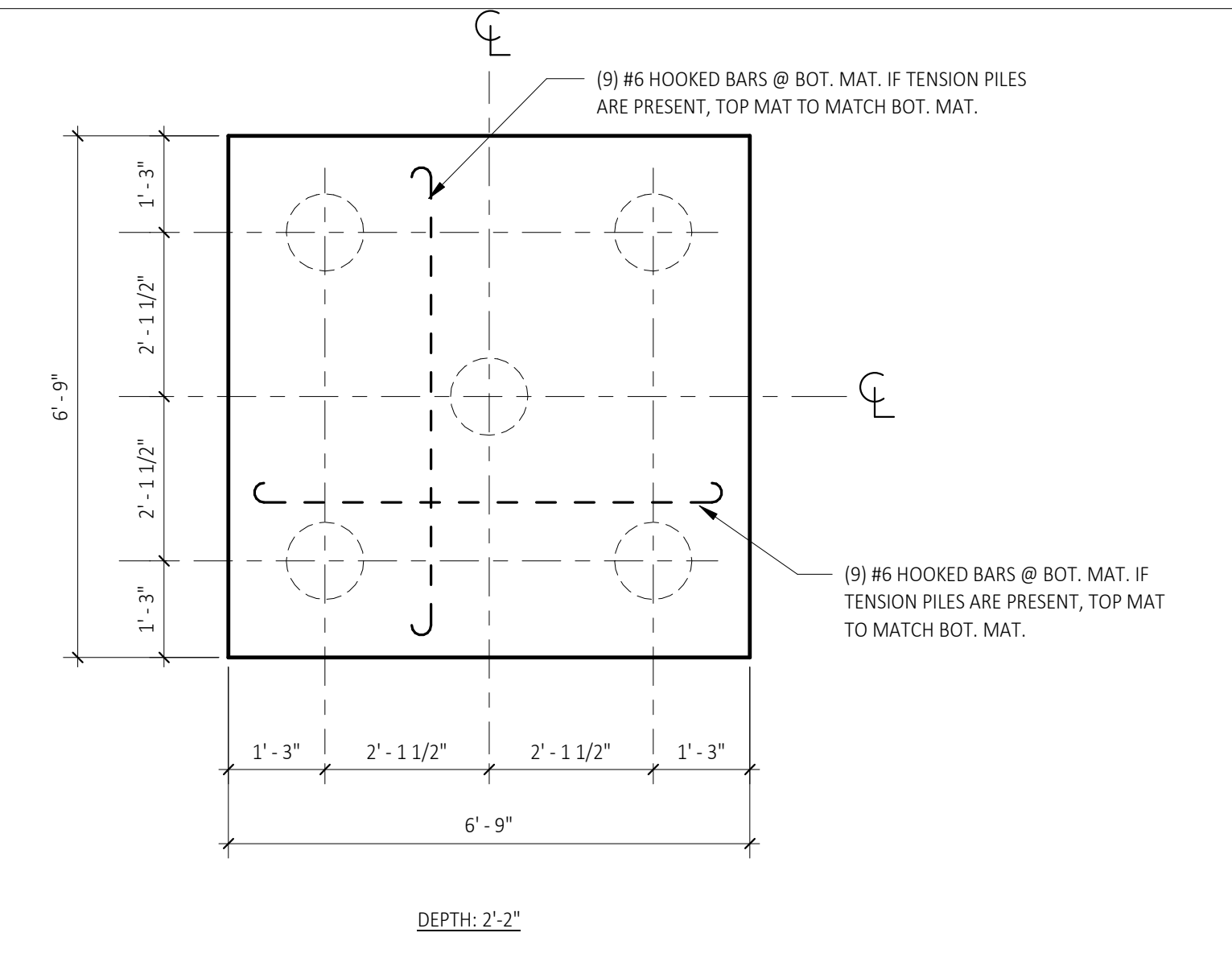
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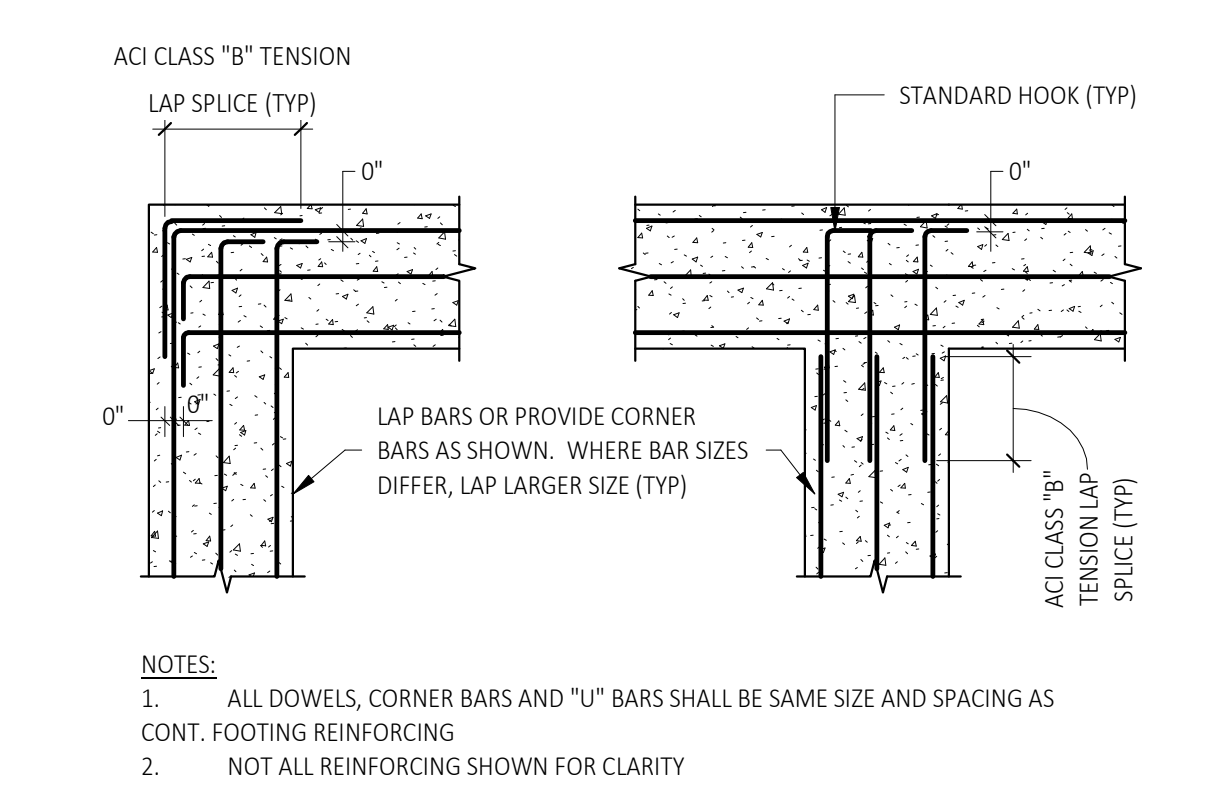
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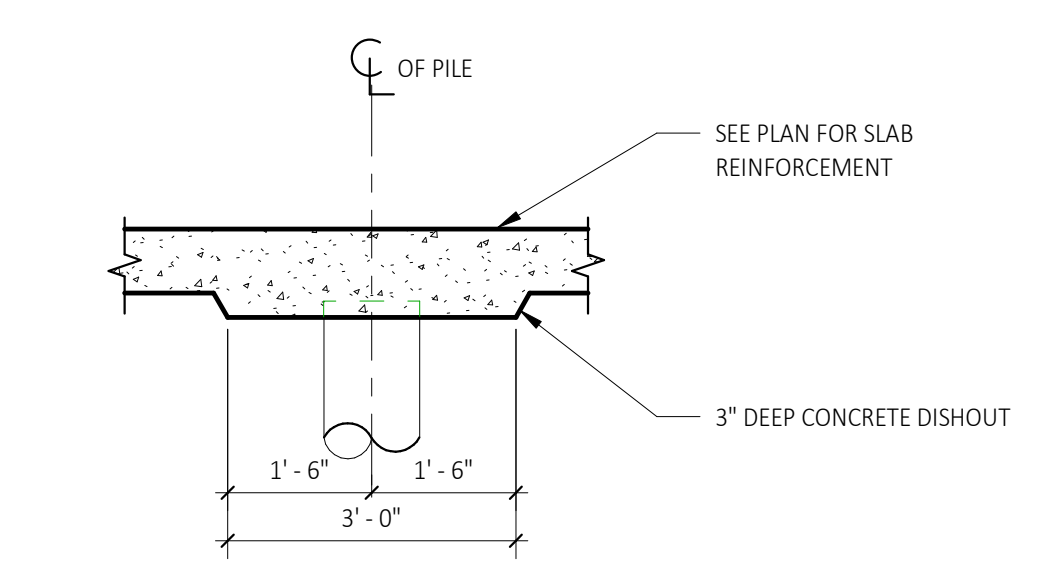
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S200 3PC



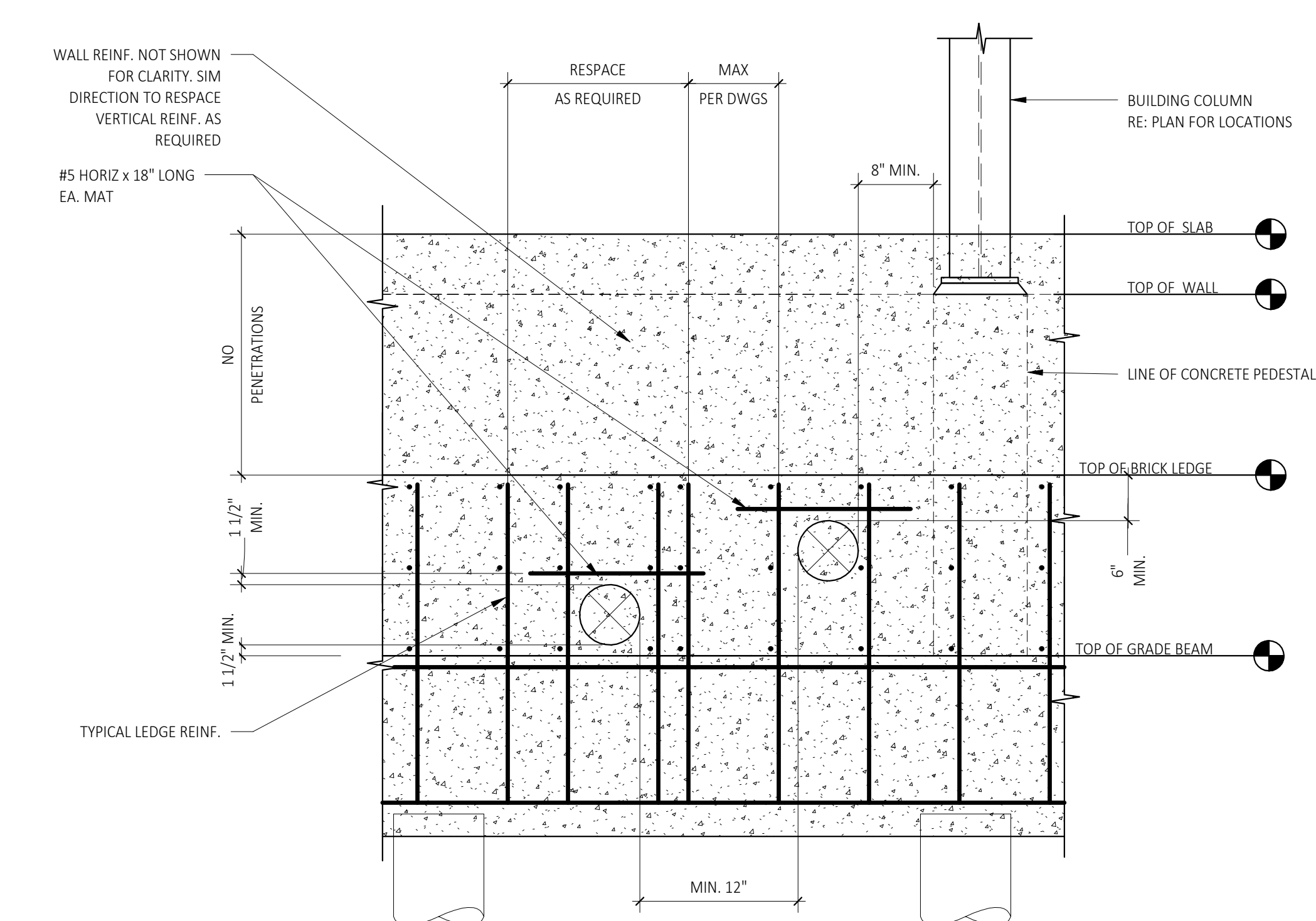
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S200 5PC



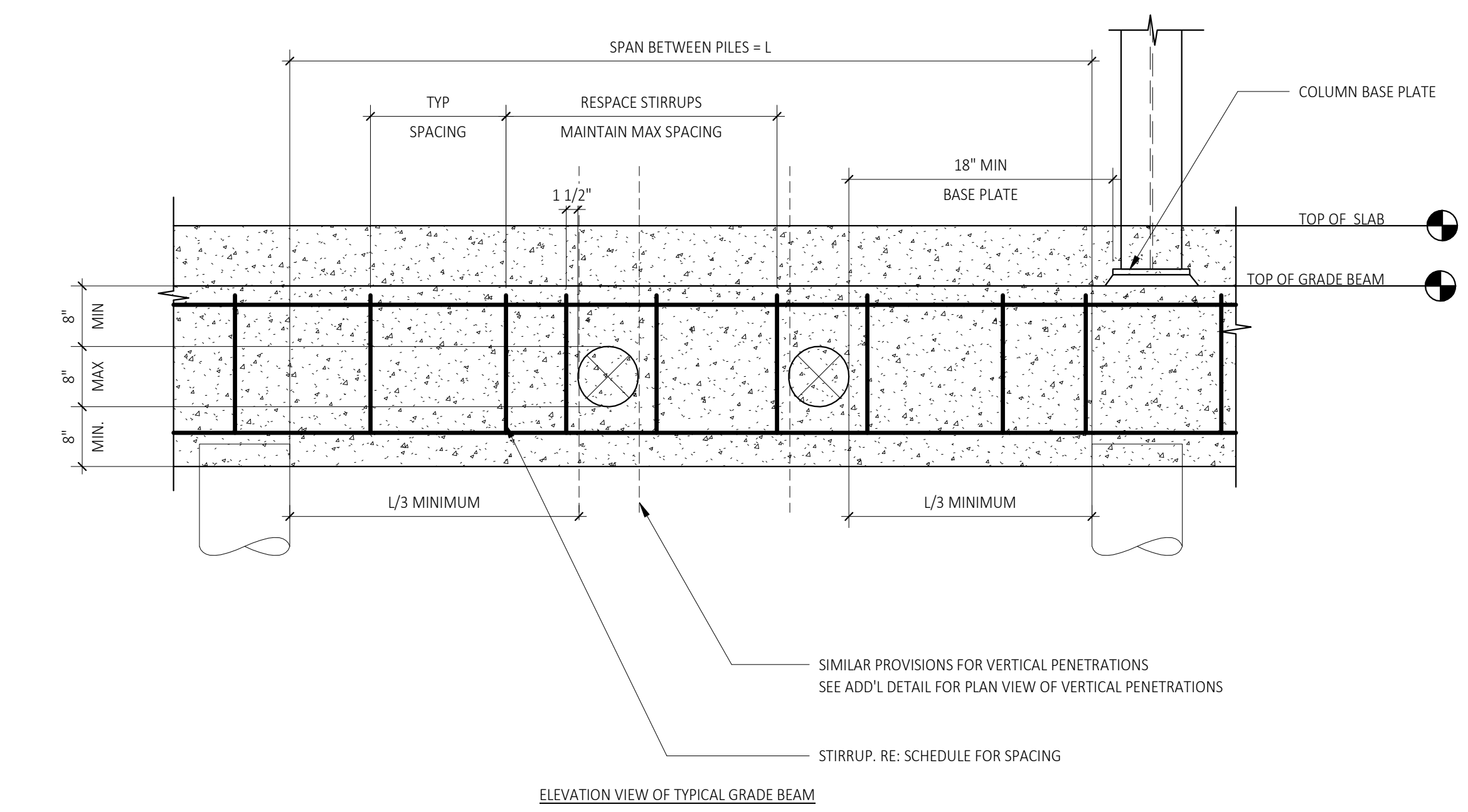
3 TYPICAL DETAIL
S200 Concrete Strip Footing Reinforcing



4 Slab Dishout
S101 | S200 1/2" = 1'-0"



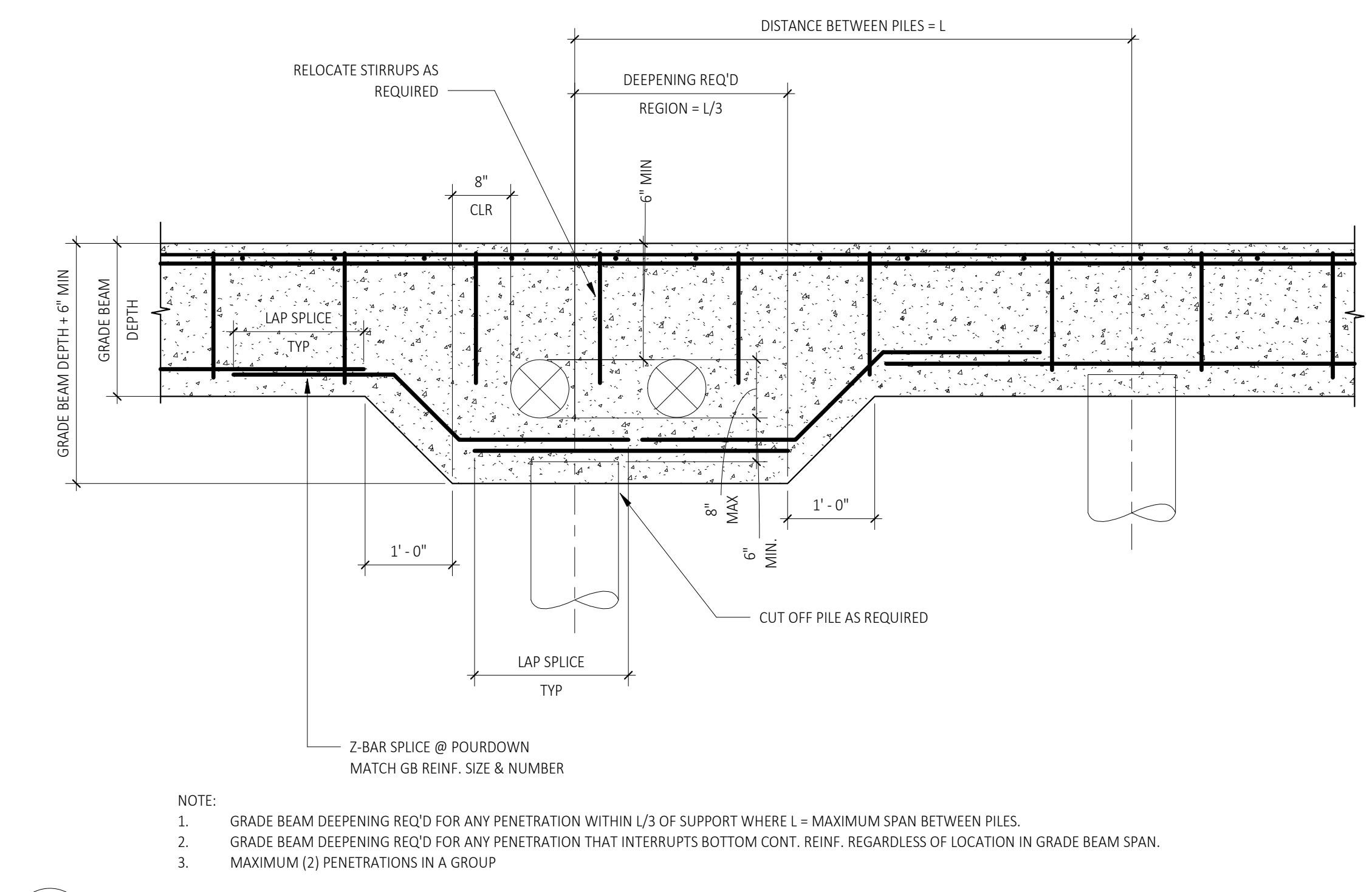
5 TYPICAL DETAIL
S200 PENETRATION IN PERIMETER CHAIN WALL



6 TYPICAL DETAIL
S200 GRADE BEAM HORIZONTAL & VERTICAL PENETRATIONS

CONCRETE REINFORCING STEEL LAP SPLICES		
BAR SIZE	MIN LAP SPLICE LENGTH (IN.)	
	TOP BARS	OTHER BARS
3	15	12
4	24	18
5	35	27
6	40	32
7	48	37
8	60	46
9	74	57
10	88	68
11	104	80

NOTES:
1. Table based on ACI 318-14
2. $f_c = 4000$ psi min, $f_y = 60000$ psi
3. 3/4" min. concrete clear cover for #3 to #5 sizes; 1-1/2" min. concrete clear cover for #6 and larger.
4. Top bars are considered to be horizontal bars with more than 12" depth of concrete cast below the reinforcement.
5. Horizontal wall reinforcement is considered a top bar.



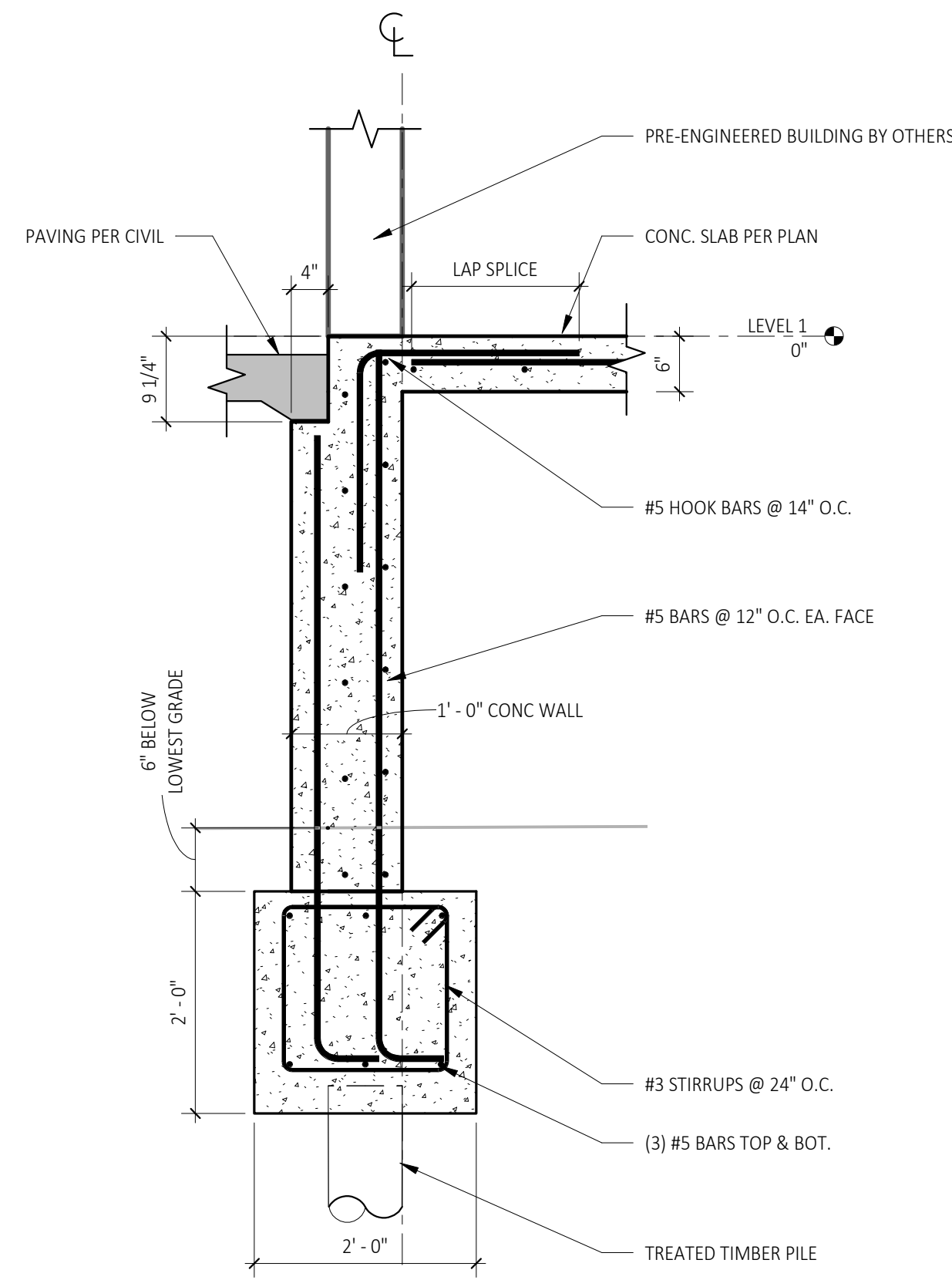
7 TYPICAL DETAIL
S200 DEEPENING AT HORIZONTAL GRADE BEAM PENETRATION OVER PILE

THE DRAWINGS, SPECIFICATIONS AND OTHER DOCUMENTS PREPARED BY THE ARCHITECT FOR THIS PROJECT ARE INSTRUMENTS OF THE ARCHITECT'S SERVICE FOR USE SOLELY WITH RESPECT TO THE PROJECT AND, UNLESS OTHERWISE PROVIDED, THE ARCHITECT SHALL BE DEEMED THE AUTHOR OF THESE DOCUMENTS AND SHALL BE RESPONSIBLE FOR ANY ERRORS, OMISSIONS AND/OR CONFLICTS. ALL COMMON-LAW, STATUTORY AND OTHER RELEVANT RIGHTS, INCLUDING REPRODUCIBLE COPIES OF THESE DOCUMENTS, SHALL BE RESERVED TO THE ARCHITECT. NO PART OF THESE DOCUMENTS 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 ARCHITECT'S WRITTEN PERMISSION. THE ARCHITECT'S DRAWINGS, SPECIFICATIONS OR OTHER DOCUMENTS SHALL NOT BE USED BY THE OWNER OR OTHERS ON OTHER PROJECTS, FOR ANY OTHER PROJECT OR FOR ANY OTHER PURPOSE, WITHOUT THE ARCHITECT'S WRITTEN PERMISSION. EXCEPT AS NOTED OTHERWISE, THE ARCHITECT'S LIABILITY IS LIMITED TO THE ARCHITECT'S PROFESSIONAL OBLIGATIONS TO THE ARCHITECT.

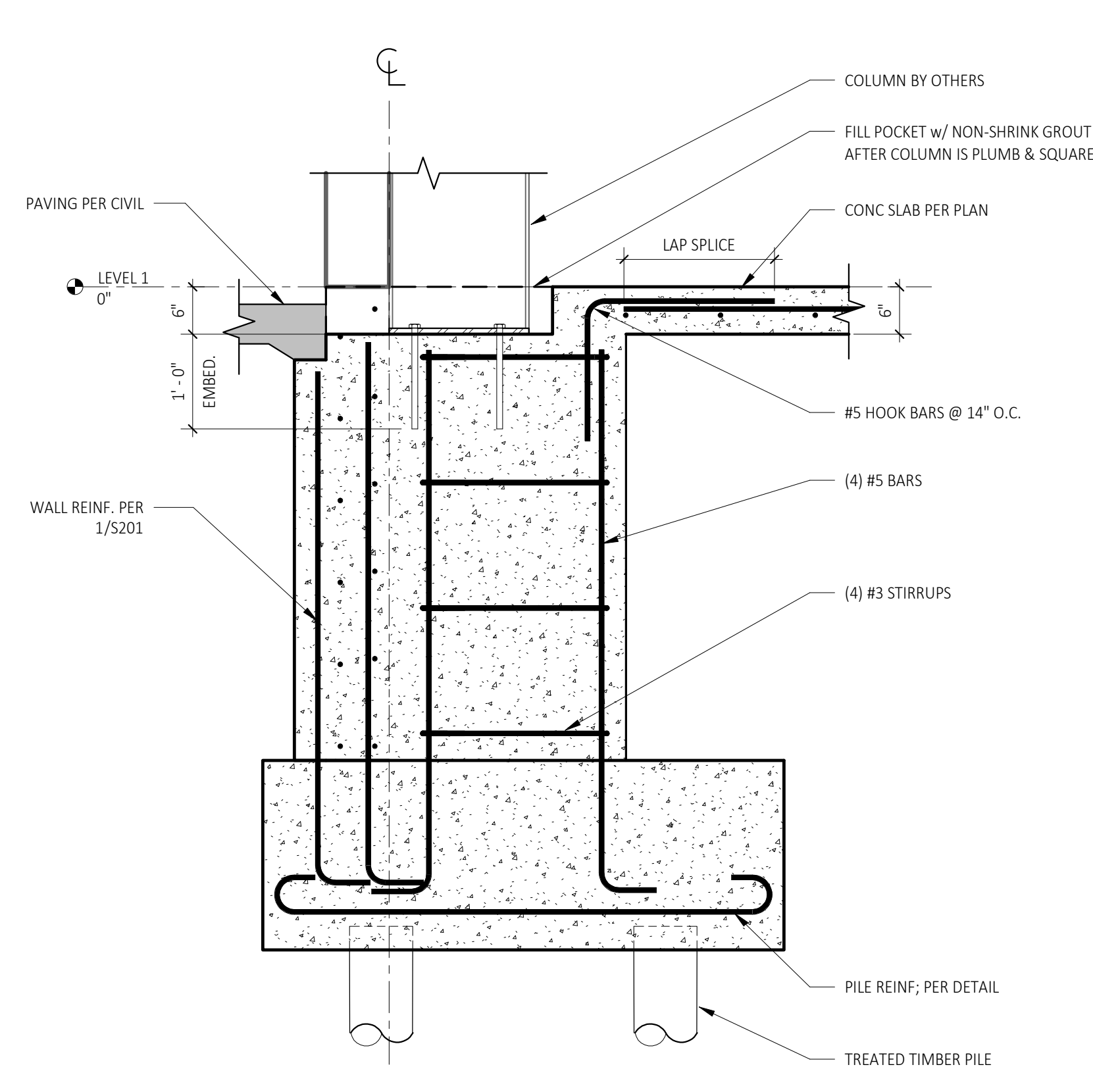


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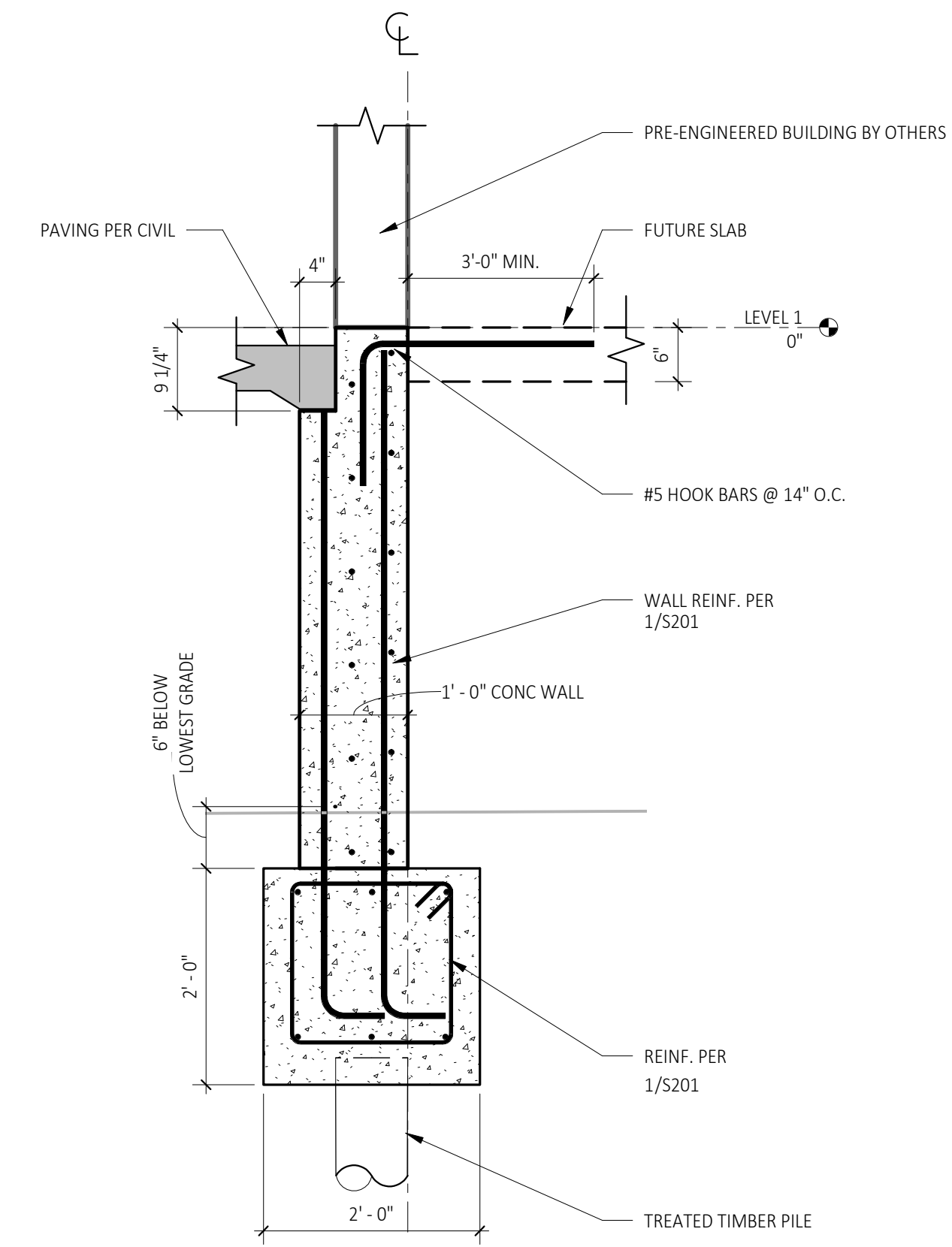
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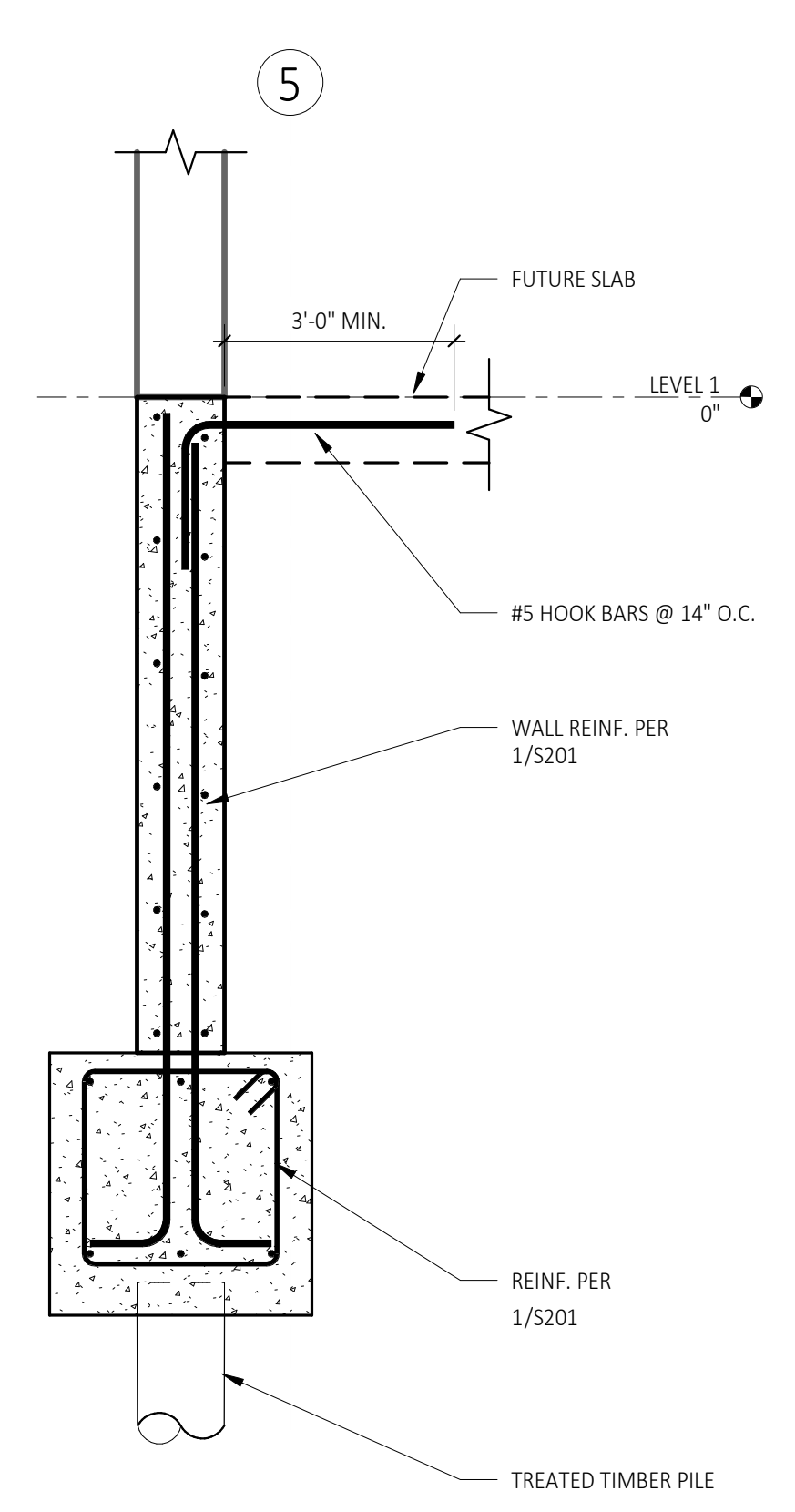
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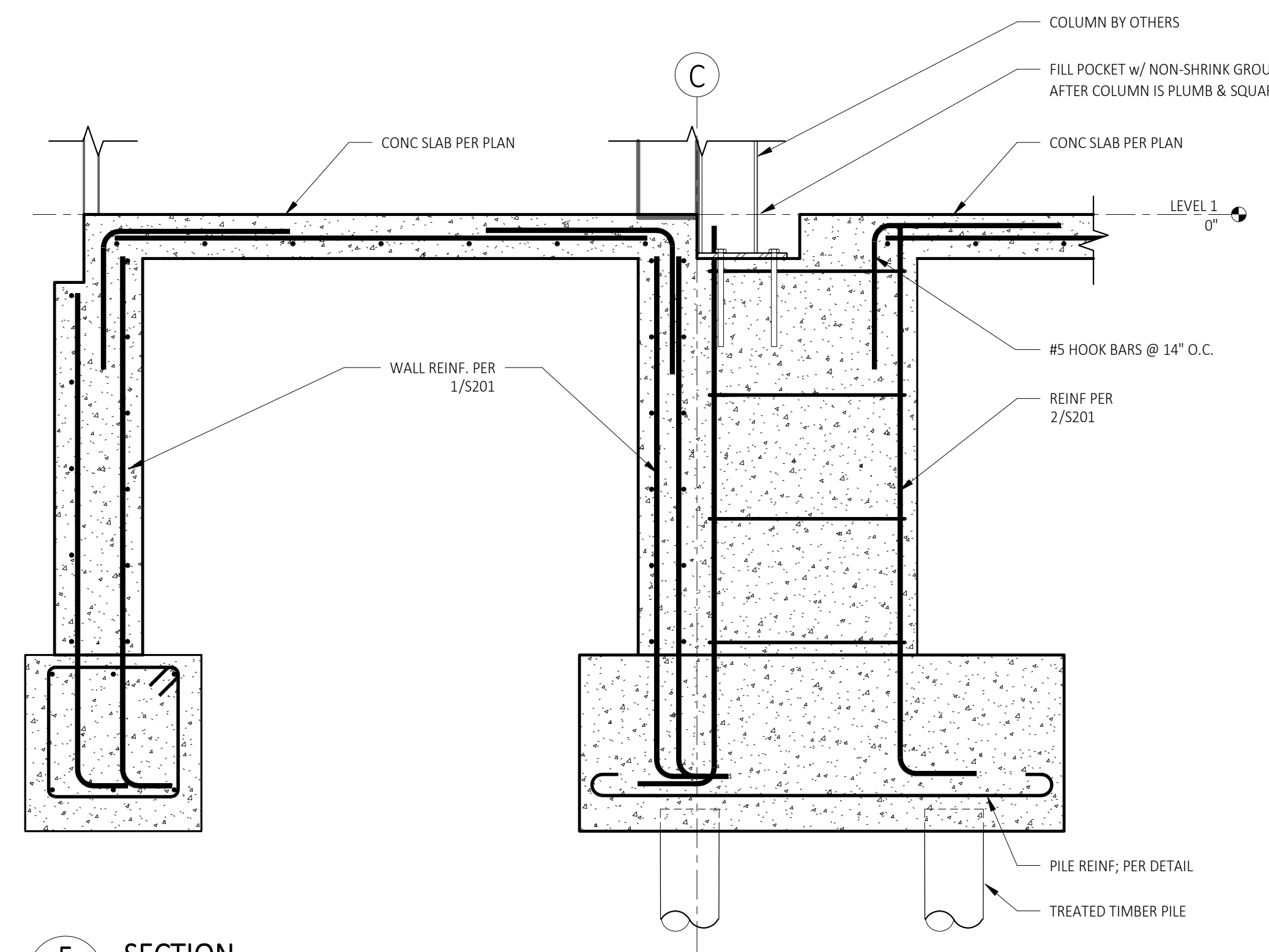
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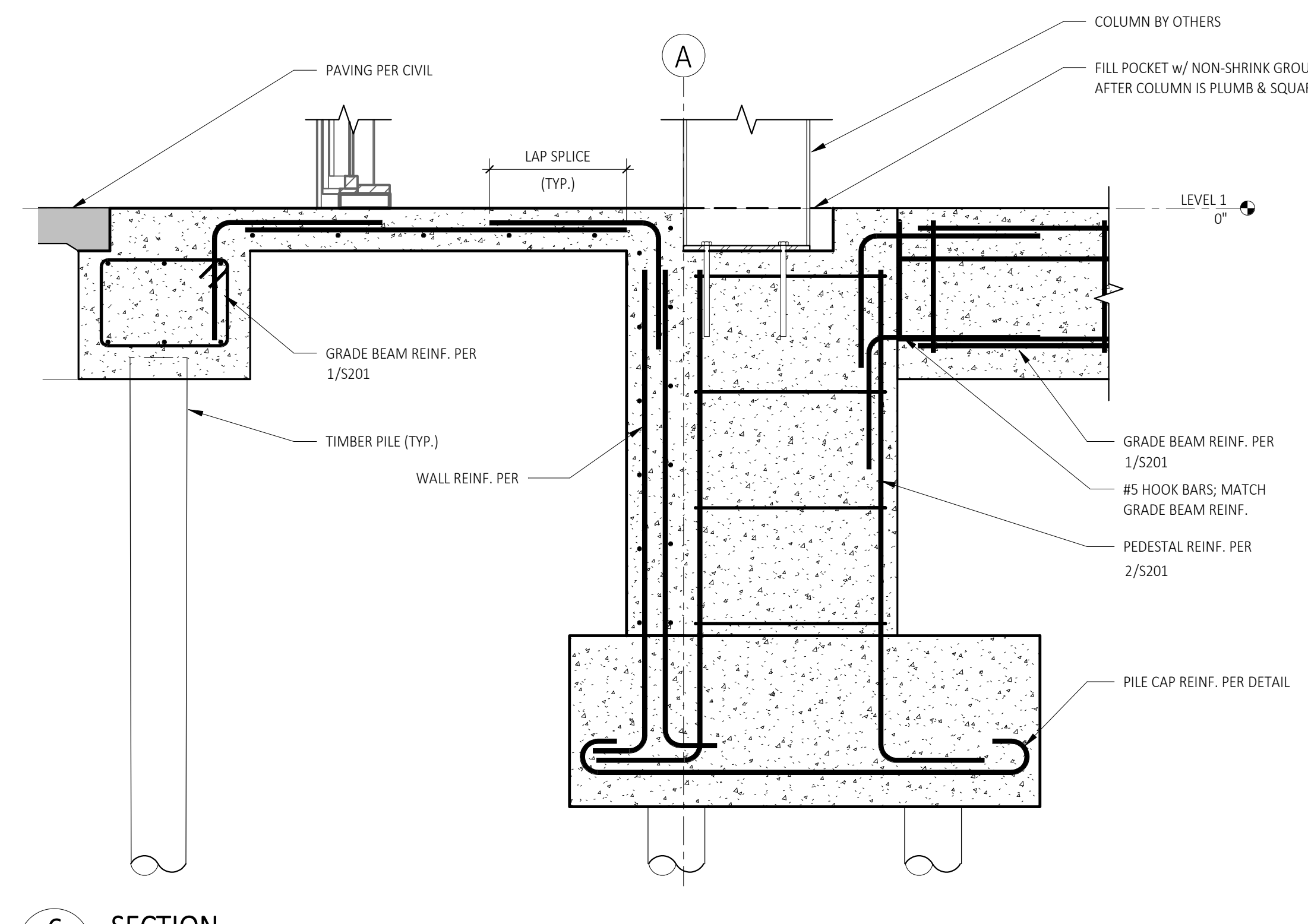
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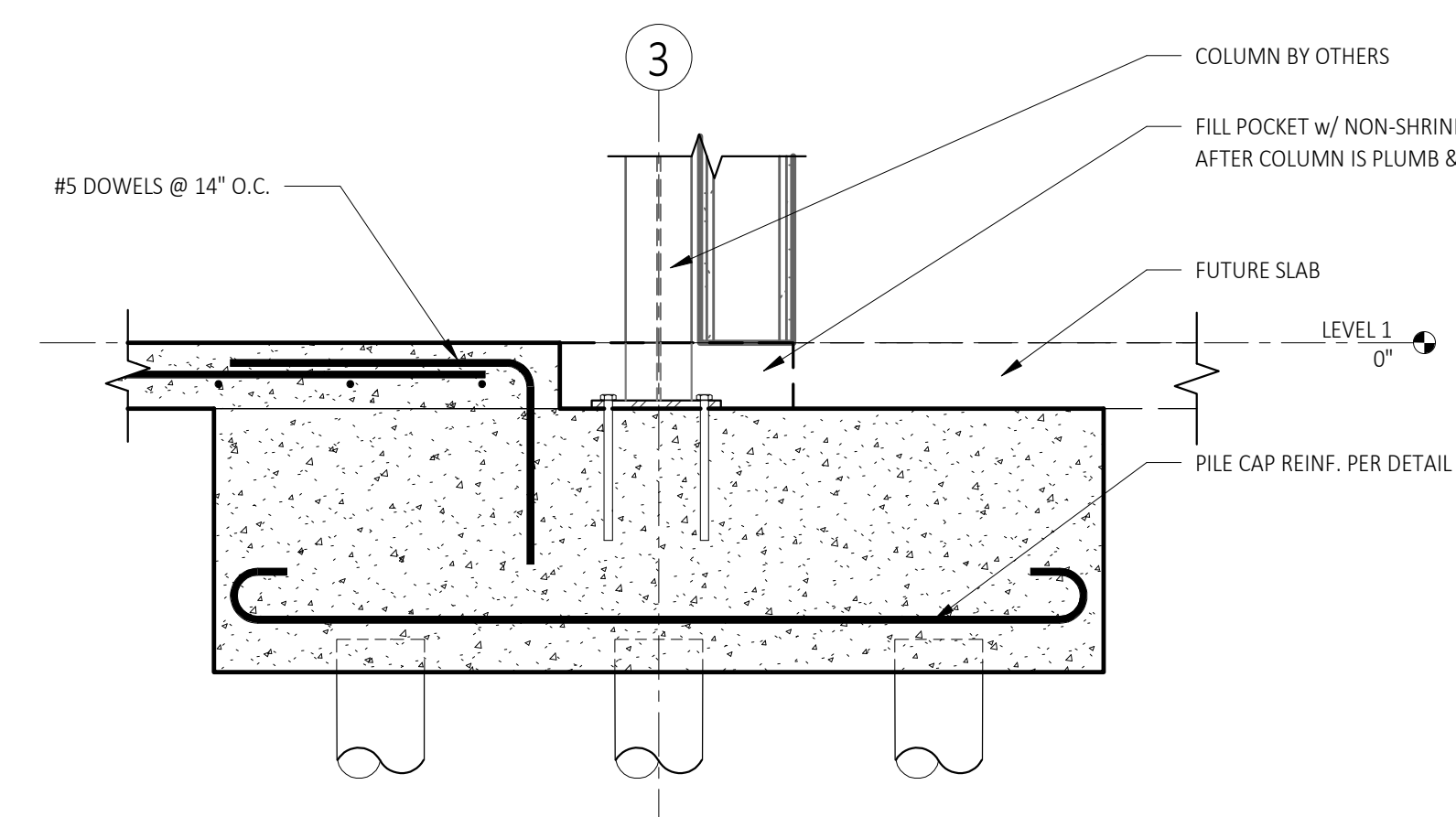
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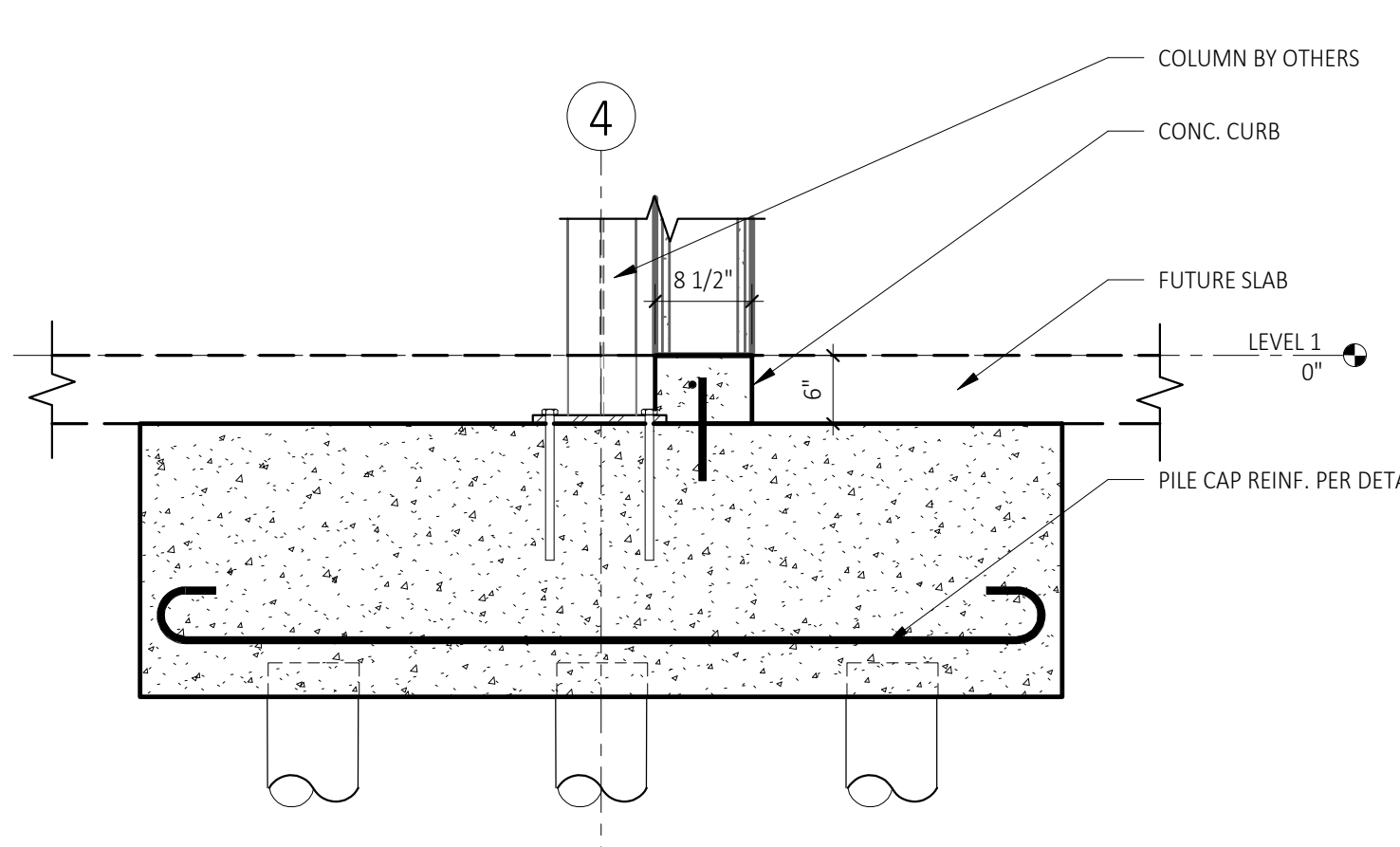
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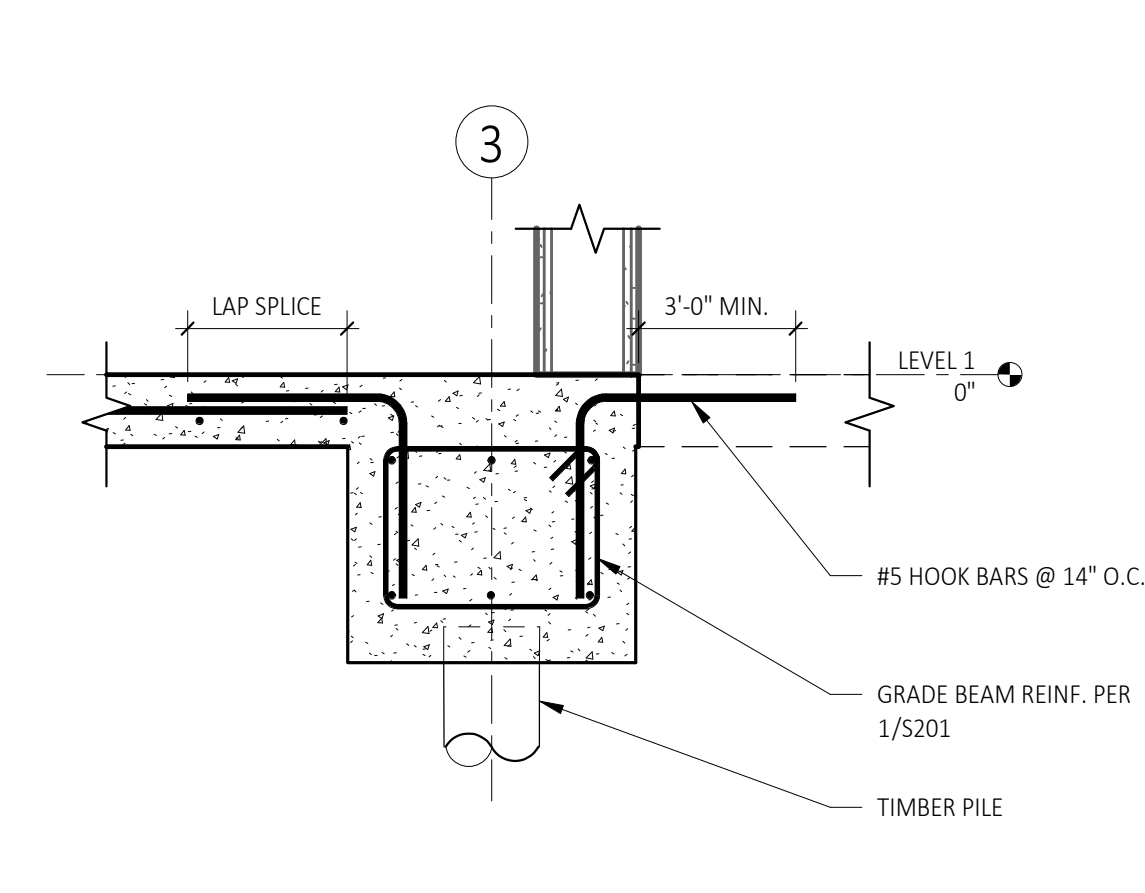
6 SECTION
S100 | S201 3/4" = 1'-0"



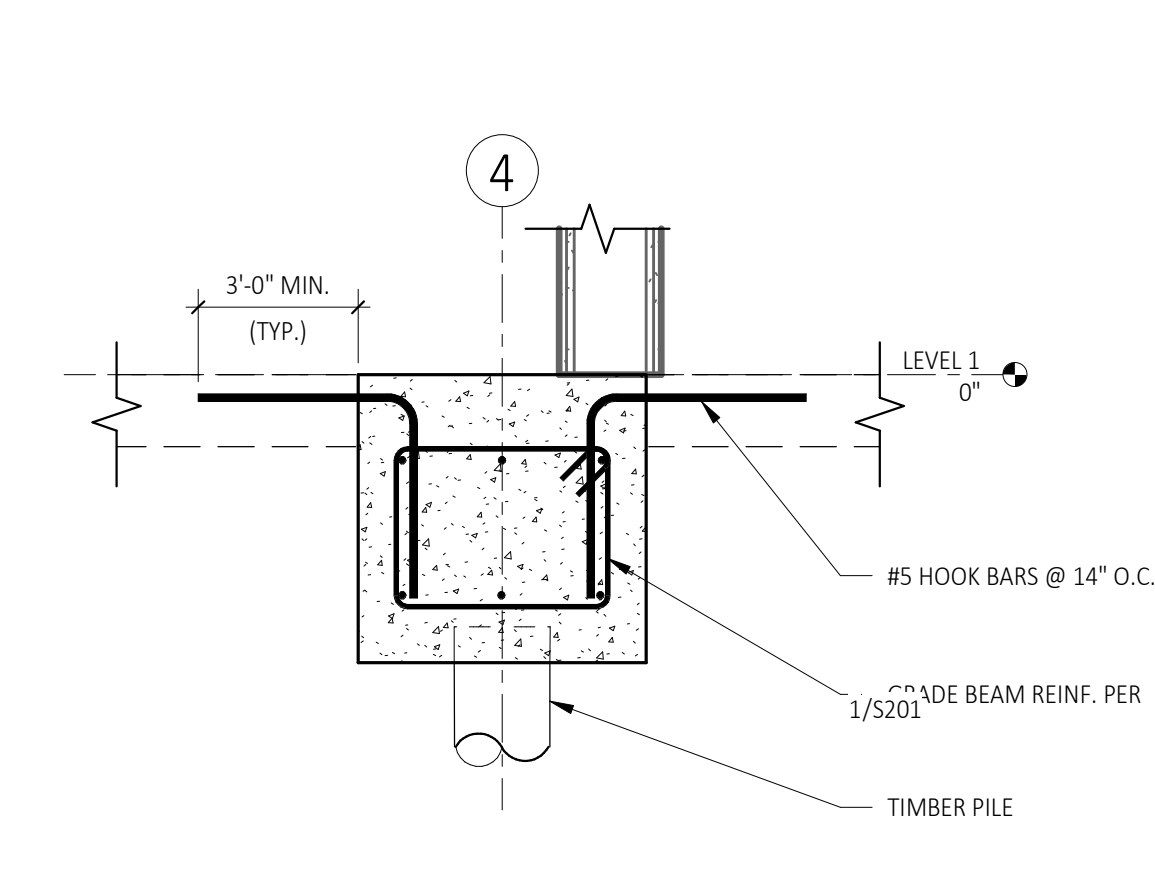
7 SECTION
S100 | S201 3/4" = 1'-0"



8 SECTION
S100 | S201 3/4" = 1'-0"



9 SECTION
S101 | S201 3/4" = 1'-0"



10 SECTION
S101 | S201 3/4" = 1'-0"

KEYED PLAN NOTES:

- ① PROVIDE 6" TAP WITH DAMPER FOR OUTSIDE AIR
- ② ROUTE OUTSIDE AIR DUCT UP TO CLEARESTORY AND PENETRATE WALL WITH WEATHER CAP.

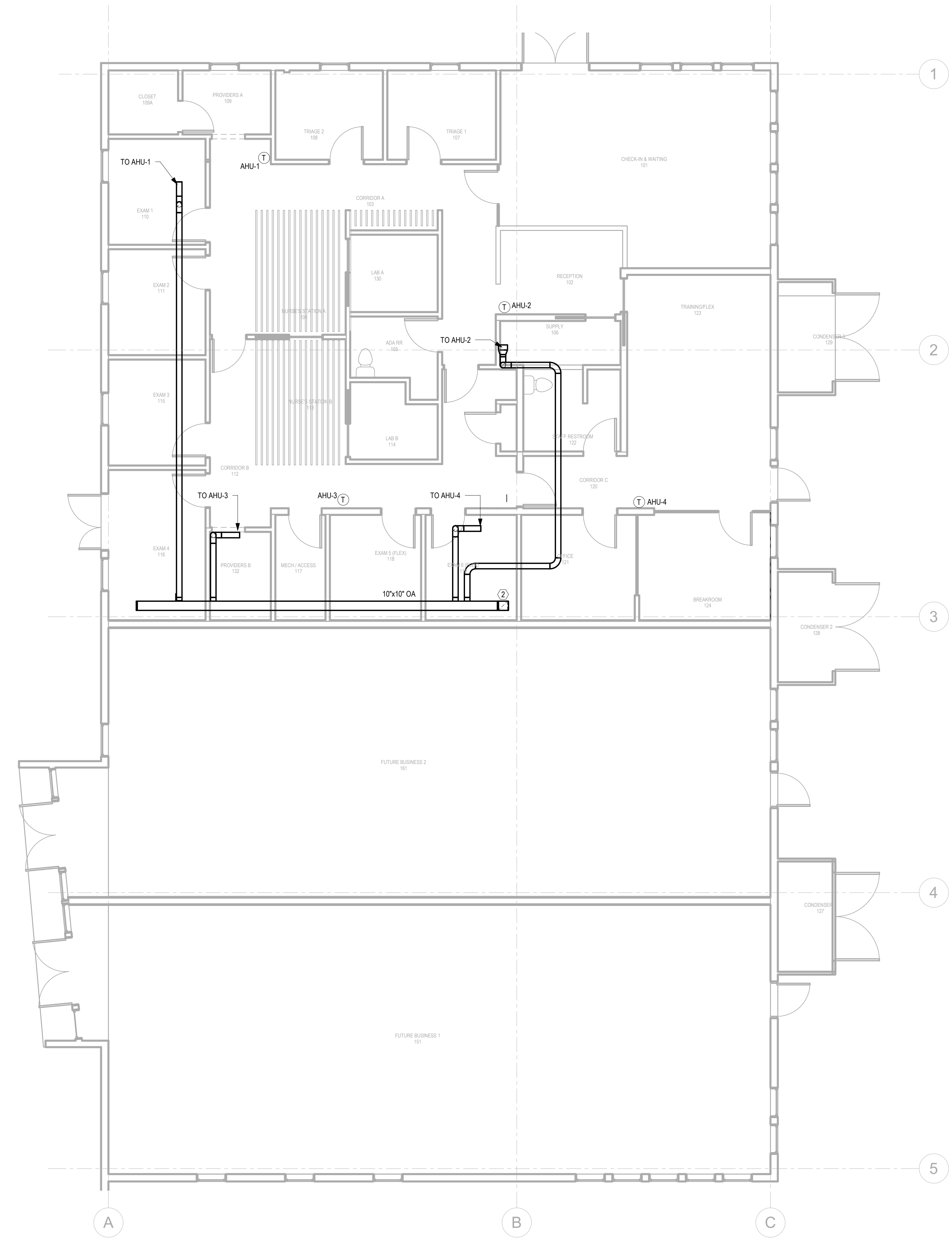
GENERAL PLAN NOTES:

- A. THESE PLANS ARE DIAGNOSTIC IN NATURE. THE EXACT LOCATION OF DEVICES AND EQUIPMENT MAY DEVIATE FROM THE LOCATION INDICATED ON THESE DRAWINGS. THE CONTRACTOR SHALL BE PREPARED TO MAKE SOME ALTERATIONS TO NEW SERVICES TO FIT ACTUAL JOB CONDITIONS.
- B. IF THE CONTRACTOR DOES NOT CLEARLY UNDERSTAND THESE PLANS, OR IS NOT SURE OF THEIR MEANING, HE SHOULD OBTAIN THE ENGINEER'S WRITTEN EXPLANATION AND INTERPRETATION PRIOR TO SUBMITTING HIS BID. THE CONTRACTOR WILL BE HELD RIGIDLY TO THE INTERPRETATION OF THE ENGINEER.
- C. ALL ELBOWS, FITTINGS, ETC. IN PIPING AND DUCTWORK ARE NOT NECESSARILY INDICATED TO CLEAR ALL OBSTRUCTIONS.
- D. BECAUSE OF LIMITED SPACE AVAILABLE TO INSTALL THE MECHANICAL WORK, COORDINATION BETWEEN THE VARIOUS TRADES IS OF THE UTMOST IMPORTANCE.
- E. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR CEILING GRID ROOM LAYOUTS AND COORDINATE ALL GRILLES, REGISTERS, AND DIFFUSERS WITH CORRESPONDING REFLECTED CEILING PLANS.
- F. THERMOSTATS SHALL BE MOUNTED AT 48" A.F.F., UNLESS OTHERWISE NOTED.
- G. ALL BRANCH DUCTWORK SHALL HAVE A BALANCING DAMPER INSTALLER, UNLESS OTHERWISE NOTED.

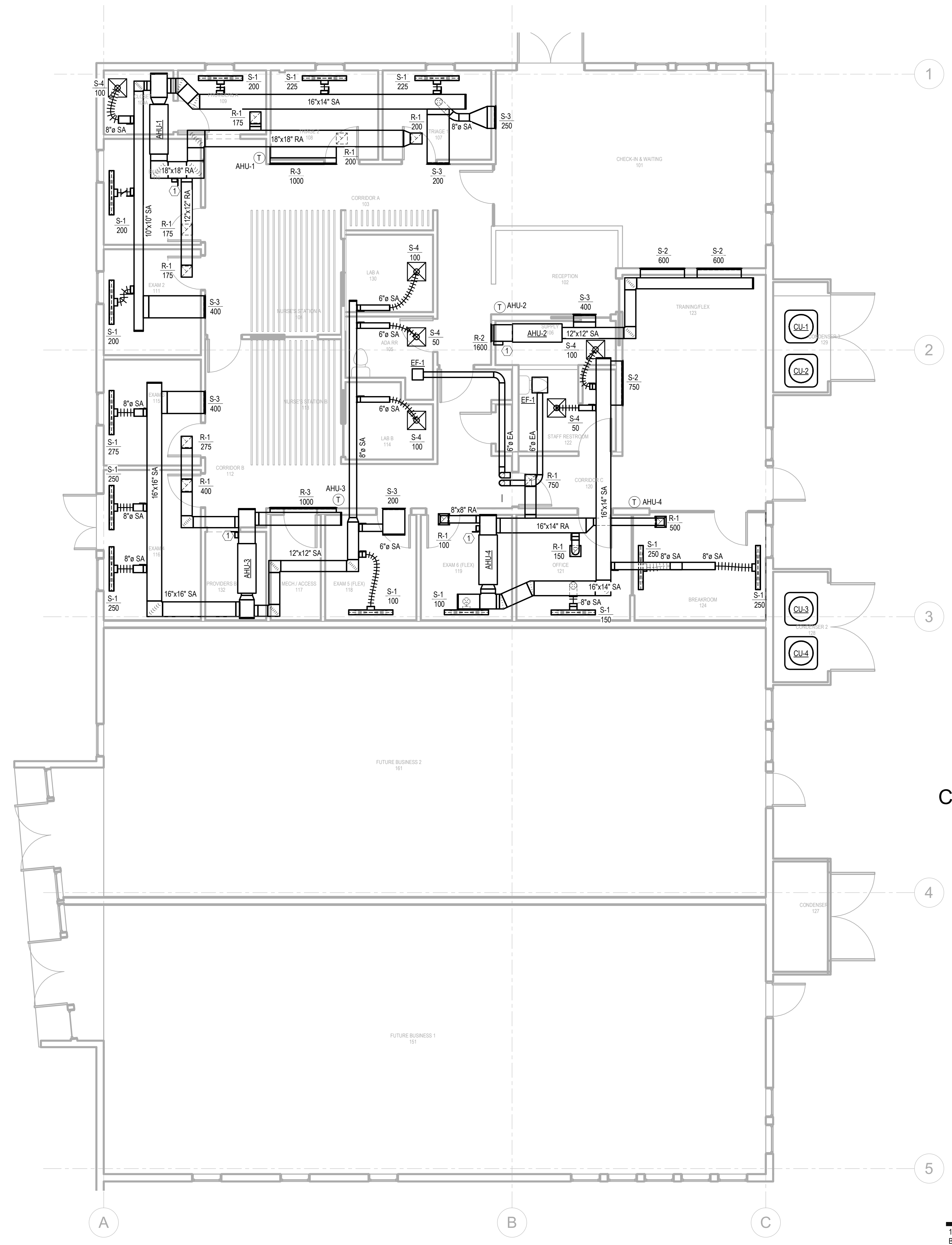
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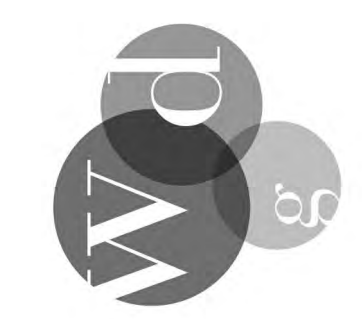
2 VENTILATION PLAN - LEVEL 1
 M101 3/16" = 1'-0"



1 MECHANICAL PLAN - LEVEL 1
 M101 3/16" = 1'-0"

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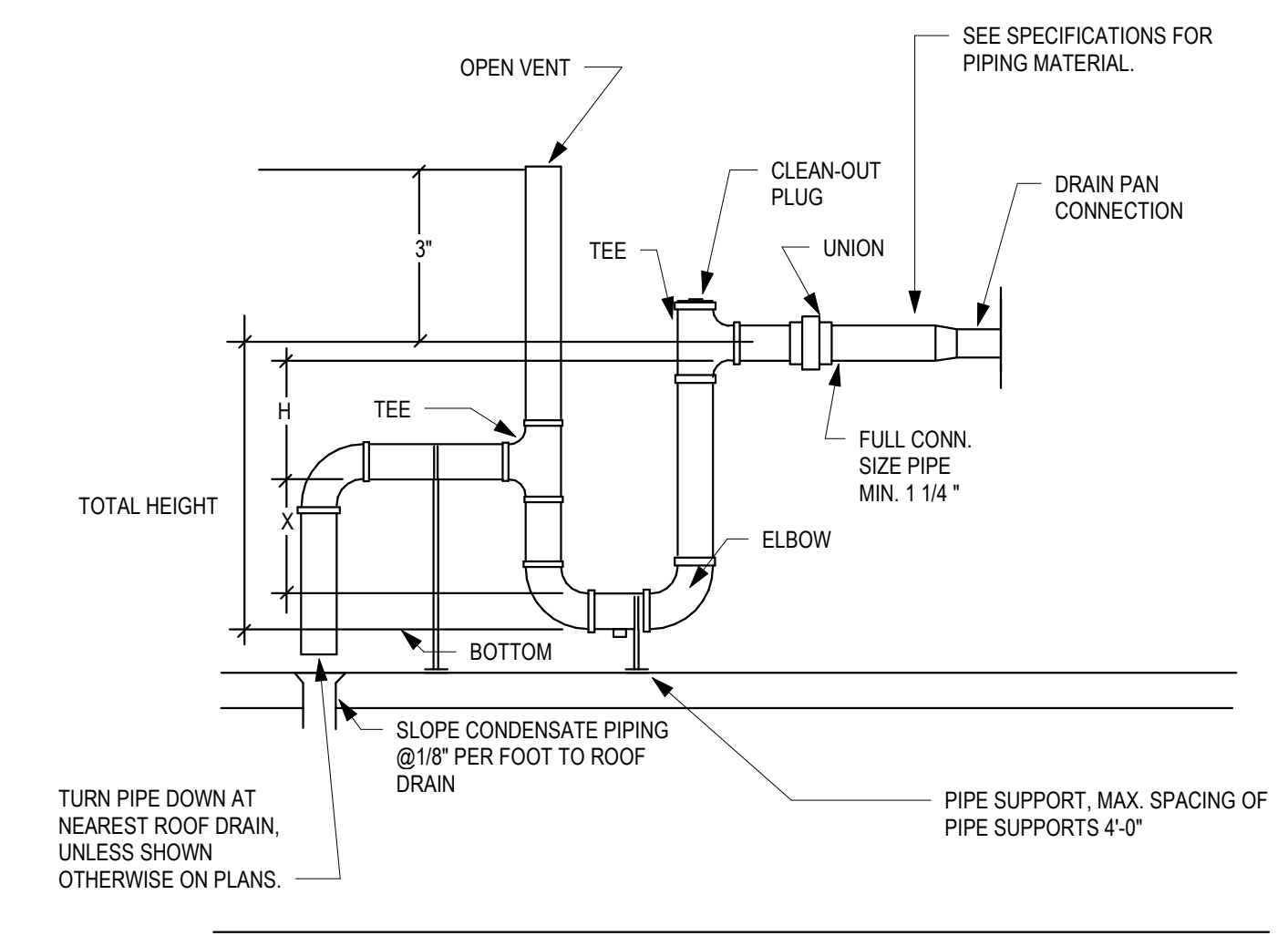
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 MECHANICAL PLAN - LEVEL 1

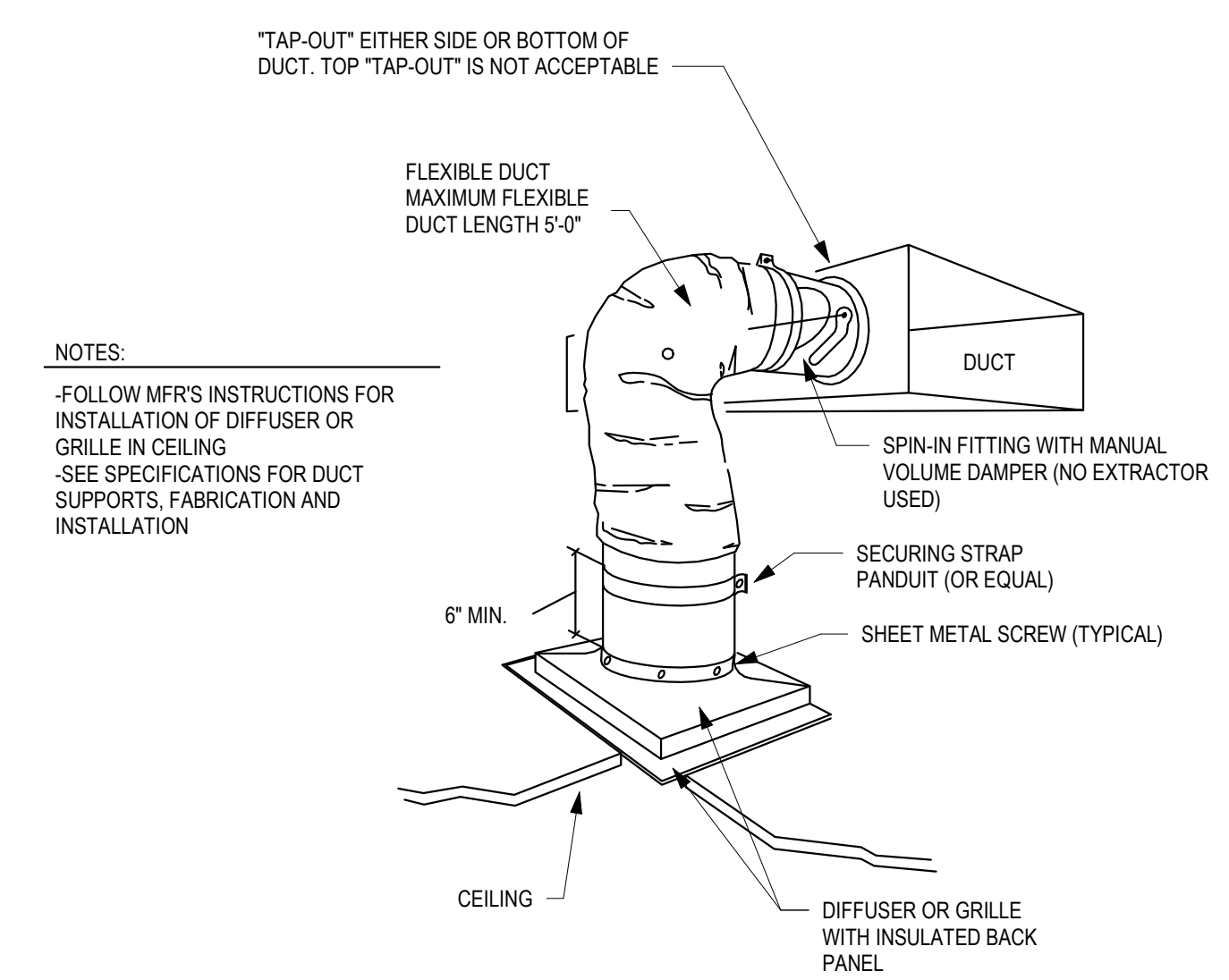
M101



TOTAL HEIGHT OF TRAP = X + H + (1 1/2 x PIPE DIAMETER)

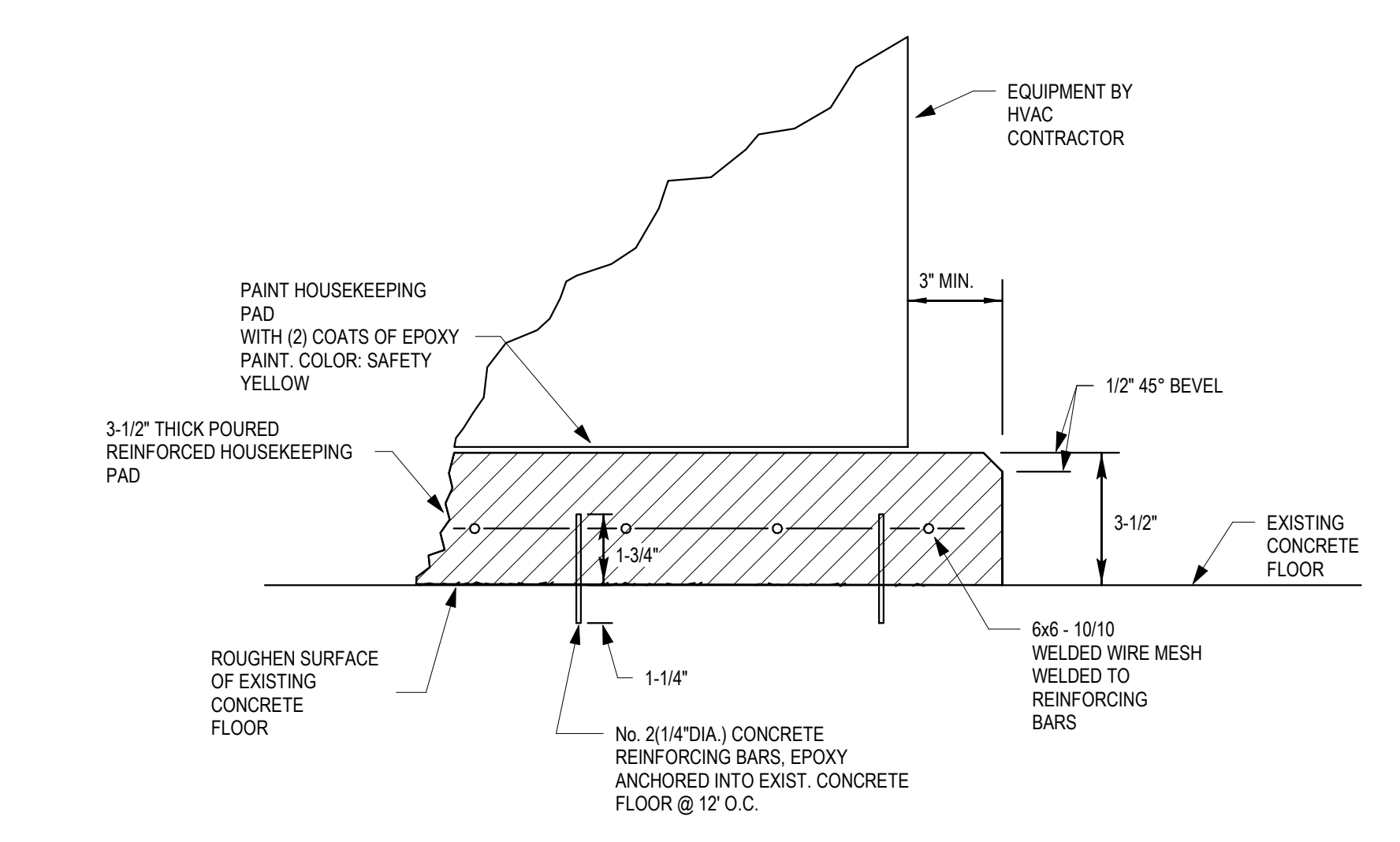
FOR DRAW THRU UNITS	FOR BLOW THRU UNITS
X = MIN. 1/2' H (PREFERRED X=H)	X = FAN STATIC PRESSURE +1'
H = NEGATIVE STATIC PRESSURE +1'	H = MIN. 1'

1 COOLING COIL CONDENSATE DRAIN DETAIL 2
 M201 12" = 1'-0"

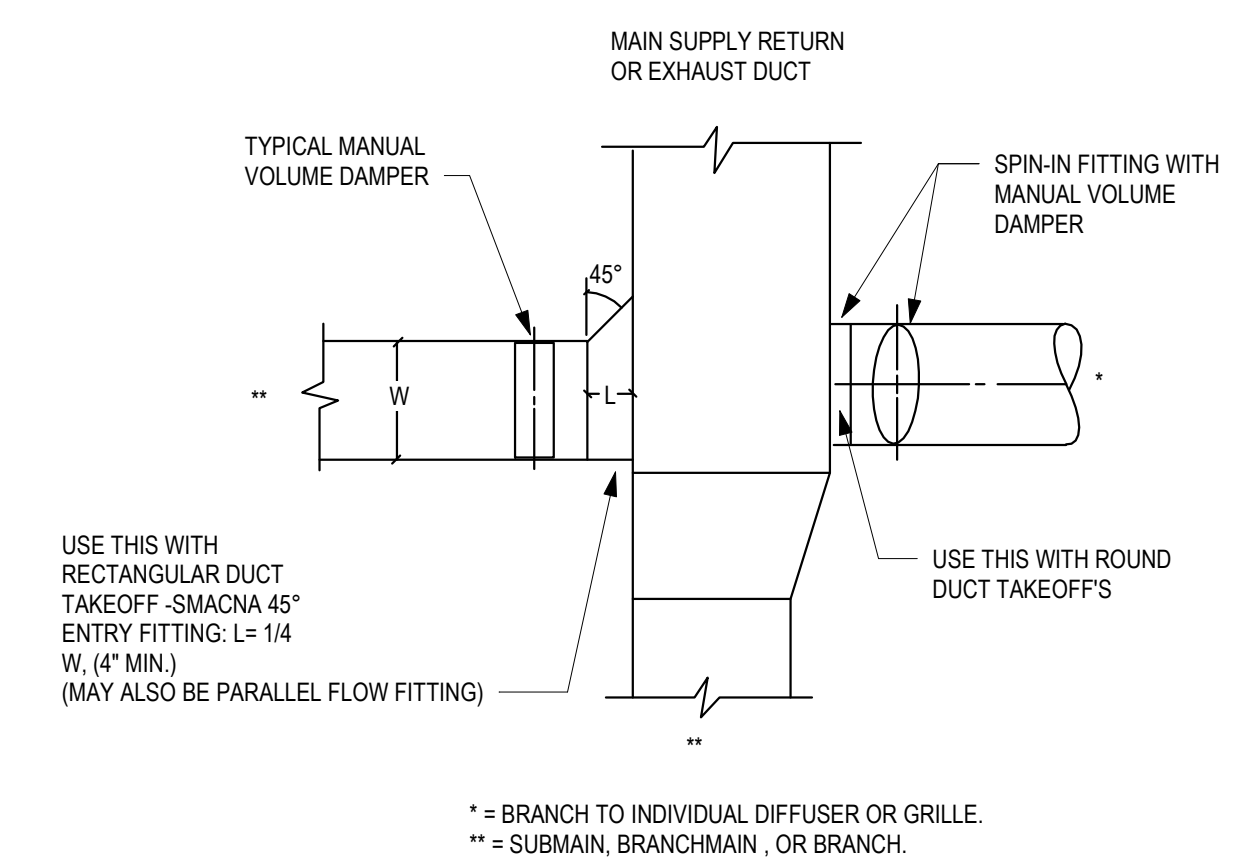


NOTES:
 - FOLLOW MFR'S INSTRUCTIONS FOR INSTALLATION OF DIFFUSER OR GRILLE IN CEILING
 - SEE SPECIFICATIONS FOR DUCT SUPPORTS, FABRICATION AND INSTALLATION

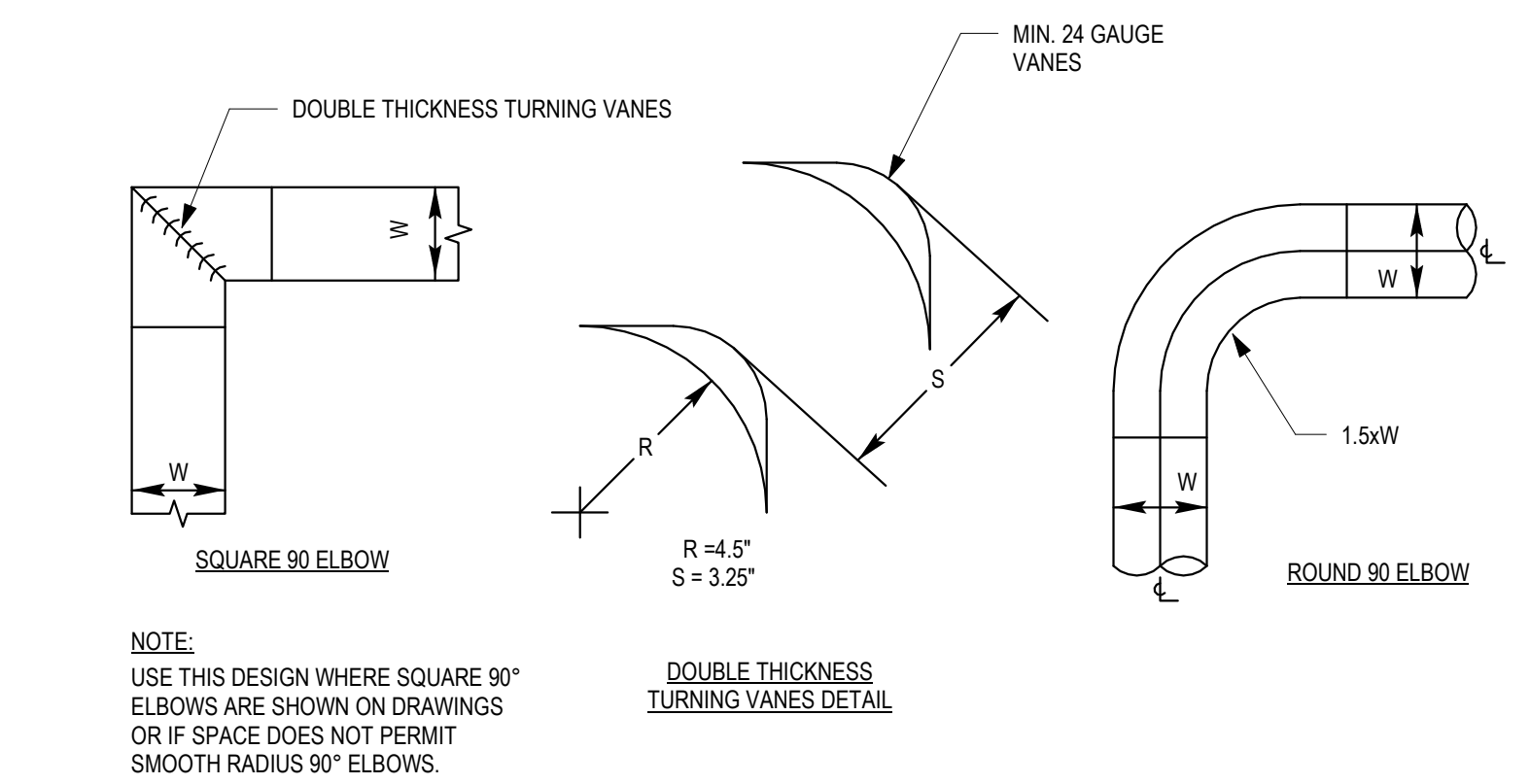
2 DUCTWORK CONNECTION TO CEILING DIFFUSER OR GRILLE (FLEX DUCT)
 M201 12" = 1'-0"



3 EQUIPMENT HOUSEKEEPING PAD DETAIL
 M201 12" = 1'-0"



4 LOW PRESSURE DUCT VOLUME DAMPER REQUIREMENTS
 M201 12" = 1'-0"



5 LOW VELOCITY DUCT DETAIL
 M201 12" = 1'-0"

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PLUMBING ABBREVIATIONS			
A	AD	AREA DRAIN ABOVE FINISHED FLOOR	M MBH 1000 BRITISH THERMAL UNITS PER HOUR
B	BFP	BACKFLOW PREVENTER	MECH MECHANICAL
	BOP	BOTTOM OF PIPE	MH MANHOLE
C	CA	COMPRESSED AIR CENTRIFUGAL CEILING	N NIC NOT IN CONTRACT
	CL	CENTRIFUGAL CEILING	NO NUMBER
	CLG	CENTRIFUGAL CEILING	NPWC NON-POTABLE COLD WATER
D	DCV	DOUBLE CHECK VALVE	NPHW NON-POTABLE HOT WATER SUPPLY
	DFU	DRAINAGE FIXTURE UNIT(S)	NPHWR NON-POTABLE HOT WATER RETURN
	DCW	DOMESTIC COLD WATER	NTS NOT TO SCALE
	DHW	DOMESTIC HOT WATER	O OFCI OWNER FINISHED CONTRACTOR INSTALLED
	DI	DEIONIZED WATER SUPPLY	P PD PRESSURE DROP
	DIR	DEIONIZED WATER RETURN	PG PRESSURE GAUGE
	DN	DOWN	POE POINT OF ENTRY
	DWG	DRAWING	PRV PRESSURE REDUCING VALVE
E	EL	ELEVATION	PSIG POUNDS PER SQUARE INCH GAUGE
	EWH	ELECTRIC WATER HEATER	R RPM REVOLUTIONS PER MINUTE
	EX	EXISTING	RPZ REDUCED PRESSURE ZONE BFP ASSEMBLY
F	F	FAHRENHEIT	S SP SLUMP PUMP
	FFE	FINISHED FLOOR ELEVATION	SS SANITARY SEWER
	FT	FOOT, FEET	T TD TERRACE/TRENCH DRAIN
G	GI	GAS GREASE INTERCEPTOR	TP TRAP PRIMER
	GPH	GALLONS PER HOUR	TW TEMPERED WATER
	GPM	GALLONS PER MINUTE	TYP TYPICAL
	GPR	GAS PRESSURE REGULATOR	V V VENT
	GT	GREASE TRAP	VAC VACUUM AIR
	GW	GREASY WASTE	VB VACUUM BREAKER
	GWH	GAS WATER HEATER	VFD VARIABLE FREQUENCY DRIVE
H	HP	HORSE POWER	VO VALVED OUTLET
	HPS	HIGH PRESSURE GAS	VTR VENT TO ROOF
	HR	HOUR	W WB WET BULL
	HVAC	HEATING, VENTILATION & AIR CONDITIONING	WCO WALL CLEANOUT
I	IE	INVERT ELEVATION	WG WATER GAGE
			WHA WATER HAMMER ARRESTOR
K	KW	KILOWATT	WPD WATER PRESSURE DROP
L	LxWxH	LENGTH x WIDTH x HEIGHT	WSFU WATER SUPPLY FIXTURE UNIT
	LBS	POUNDS	
	LWT	LEAVING WATER TEMPERATURE	

PLUMBING LEGEND			
	PUMP		GAS PRESSURE REGULATOR
	BACKFLOW PREVENTER		UNION
	ELBOW UP		FLEXIBLE CONNECTOR
	ELBOW DOWN		PIPE CAP
	BRANCH PIPE CONNECTION		GAUGE AND GAUGE COCK
	TEE-OUTLET DOWN		THERMOMETER
	TEE-OUTLET UP		VALVE WITH BLIND FLANGE
	PIPE REDUCER		STEAM TRAP
	GATE VALVE		THERMOSTATIC EXPANSION VALVE
	GLOBE VALVE		SPECIFIC NOTE DESIGNATION
	BUTTERFLY VALVE		POINT OF DISCONNECT
	BALL VALVE		POINT OF CONNECTION, NEW TO EXISTING
	CONTROL VALVE, 2 WAY		
	CONTROL VALVE, 3 WAY		
	CHECK VALVE		
	STRAINER		
	STRAINER AND BLOWDOWN VALVE		
	PLUG COCK/BALANCING VALVE/ GAS COCK		
	CIRCUIT SETTER		
	PRESSURE REDUCING VALVE		

- ### GENERAL PLUMBING NOTES
- ALL WORK SHALL COMPLY WITH THE LATEST STATE AND CITY CODES INCLUDING BUT NOT LIMITED TO THE FOLLOWING:
 - INTERNATIONAL PLUMBING CODE
 - INTERNATIONAL BUILDING CODE
 - NFPA 70 NATIONAL ELECTRIC CODE
 - NFPA 72 NATIONAL FIRE ALARM AND SIGNALING CODE
 - THE CONTRACT DOCUMENTS
 - ALL REQUIREMENTS OF THE STATE FIRE MARSHAL
 - INSURING AGENCY
 - ALL REQUIREMENTS OF THE AUTHORITIES HAVING JURISDICTION.
 - PROVIDE ALL MATERIAL AND EQUIPMENT AND PERFORM ALL LABOR REQUIRED TO INSTALL COMPLETE AND OPERABLE MECHANICAL SYSTEMS AS INDICATED ON THE DRAWINGS AS SPECIFIED AND AS REQUIRED BY CODE.
 - CONTRACTOR SHALL COORDINATE EQUIPMENT CONNECTIONS WITH EQUIPMENT DRAWINGS AND SUPPLIER. INSTALL EQUIPMENT AND MAKE FINAL CONNECTIONS, FURNISHING GUTOFF VALVES, P-TAPS, P-R V'S, BACKFLOW PREVENTERS, AND PIPING AS REQUIRED. CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING ANY CONFLICTS BETWEEN THESE DOCUMENTS AND EQUIPMENT CUT SHEETS PRIOR TO CLOSING IN WALLS AND CEILINGS.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING MOUNTING OF ALL PLUMBING FIXTURES. THIS WORK SHALL INCLUDE BUT NOT BE LIMITED TO PROVIDING WALL CARRIERS AND COORDINATING FIXTURES WITH CASEWORK.
 - COORDINATE WATER, WASTE, VENT, AND STORM WATER PIPING WITH OTHER TRADES TO AVOID SPACING OR ROUTING PROBLEMS.
 - FIXTURES, EQUIPMENT, CONNECTIONS, AND PIPING SHALL BE FURNISHED AND INSTALLED TO MEET OR EXCEED STATE AND LOCAL CODES AND REQUIREMENTS.
 - FURNISH AND INSTALL WATER HAMMER ARRESTORS IN COLD WATER LINES AT CONNECTIONS TO FLUSH VALVES, QUICK CLOSING VALVES, AND AT ALL HOT AND COLD WATER CONNECTIONS TO FIXTURES.
 - PLUMBING VENTS AND STACKS THROUGH ROOF SHALL BE INSTALLED A MINIMUM OF 10'-0" CLEAR OF AC OUTSIDE AIR INTAKES, CLINICAL AIR COMPRESSOR INTAKES, OR WINDOWS IN STRUCTURE.
 - PENETRATIONS THROUGH PARTITIONS AND FLOORS SHALL BE SLEEVED AND SEALED TO MAINTAIN INTEGRITY OF PARTITION AND FLOOR RATING.
 - DRAWINGS ARE SCHEMATIC IN NATURE. CONTRACTOR IS RESPONSIBLE FOR COORDINATING EXACT ROUTING OF ALL SERVICES WITH EXISTING CONDITIONS AND WITH ALL OTHER TRADES.
 - ORIENT FLUSH VALVE HANDLES ASSOCIATED WITH BARRIER-FREE WATER CLOSERS ON WIDE SIDE OF WALL TO COMPLY WITH ADA REQUIREMENTS.
 - PROVIDE INSULATION KIT FOR SUPPLIES, DRAIN PIPING AND TRAP FOR ALL HANDICAP ACCESSIBLE LAVATORIES AND SINKS. INSULATION KIT SHALL BE EQUAL TO TRUEBRO MODEL 103 (WHITE), WHERE PROTECTIVE SKIRT UNDER FIXTURES IS PROVIDED, INSULATION OF PIPING IS NOT REQUIRED.
 - CONTRACTOR SHALL COORDINATE WITH PHASING REQUIREMENTS PROVIDED BY ARCHITECT/OWNER. TEMPORARY SERVICES SHALL BE PROVIDED FOR ANY AREA SERVED BY ANOTHER AREA IF DEMOLITION OF EXISTING SERVICE IS NECESSARY. COORDINATE ALL PLUMBING WORK WITH PHASING PLAN AS REQUIRED TO COMPLETE WORK.
 - EXISTING SERVICES INDICATED ON THESE DRAWINGS WERE DERIVED FROM EXISTING DRAWINGS AND LIMITED FIELD OBSERVATIONS. THESE DRAWINGS MAY NOT BE ALL INCLUSIVE OF SERVICES THAT EXIST IN THE PROJECT AREA. CONTRACTOR SHALL VERIFY SERVICES, LOCATIONS, TYPE, AND SIZE PRIOR TO ANY BIDDING, PRICING, OR CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK INVOLVING DEMOLITION TIE-INS AND ROUTING CONFLICTS WITH EXISTING CONDITIONS. ANY DEVIATIONS IMPACTING WORK SHOWN ON THESE DOCUMENTS SHALL BE REPORTED TO THE ARCHITECT FOR COORDINATION PRIOR TO CONSTRUCTION.
 - PROVIDE FULL PORT BALL VALVES AT BRANCH LINES SERVING EACH ROOM WITH PLUMBING FIXTURES SUCH THAT EACH ROOM MAY BE INDIVIDUALLY ISOLATED. ACCESS SHALL BE PROVIDED.
 - PROVIDE CLEANOUTS AT ALL 90° SANITARY SEWER ELBOWS AND IN ACCORDANCE WITH APPLICABLE CODES.
 - EXISTING TIE-IN POINTS ARE APPROXIMATE. FIELD VERIFY ACTUAL TIE-IN POINTS AND PROVIDE PIPING RUNS AS REQUIRED FOR TIE-INS, PRIOR TO BIDDING.
 - ALL SANITARY SEWER AND STORM DRAIN PIPING SHOWN SHALL BE RUN BELOW FLOOR, UNLESS NOTED OTHERWISE.
 - ALL CW, HW, HWR, NATURAL GAS, FIRE PROTECTION, AND VENT PIPING SHOWN SHALL BE RUN ABOVE CEILING, UNLESS NOTED OTHERWISE.
 - ALL CW, HW, HWR, NATURAL GAS, FIRE PROTECTION, AND VENT PIPING SHOWN SHALL BE RUN ABOVE CEILING, UNLESS NOTED OTHERWISE.
 - UNLESS OTHERWISE NOTED, ALL DRAINS SHALL BE INSTALLED AT THE LOW POINT OF ROOFS, AREAWAYS, FLOOR, ETC.
 - ALL CLEANOUTS SHALL BE THE FULL SIZE OF THE PIPE FOR PIPE SIZES 6 IN AND SMALLER, AND SHALL BE 6 IN FOR PIPE SIZES LARGER THAN 6 IN.
 - SLOPE SANITARY SEWER AND ALL OTHER DRAINAGE PIPING AT MINIMUM SLOPE OF 1/8" PER FOOT.
 - PROVIDE A MINIMUM 3" FLOOR DRAIN ADJACENT TO ALL INDOOR AIR HANDLING UNITS. CONNECT FLOOR DRAIN TO NEAREST SANITARY WASTE AND VENT SYSTEMS.
 - PROVIDE ICE MAKER BOX, WITH 1/2" TURN BRASS VALVE, AT ALL REFRIGERATOR LOCATIONS. COORDINATE WITH OWNER FOR FINAL EQUIPMENT LOCATIONS.
 - PROVIDE 1/2" ANGLE STOP VALVE BENEATH COUNTERTOP AND ROUTE 1/2" DOMESTIC COLD WATER LINE THROUGH COUNTERTOP FOR COFFEE MAKER. COORDINATE WITH OWNER FOR FINAL EQUIPMENT LOCATIONS.

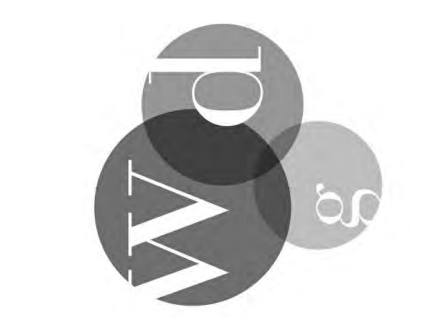
PIPE & FITTING SCHEDULE				
TYPE	SIZE	MATERIAL	FITTINGS	LOCATION
WASTE AND VENT	ALL SIZES	HVY. DUTY C.I. HUBLESS	HVY. DUTY NO-HUB COUPLINGS	ABOVE GRADE & BELOW GRADE
	ALL SIZES	SCHEDULE 40 PVC	SCHEDULE 80 PVC	BELOW GRADE
DOMESTIC WATER	ALL SIZES	TYPE "L" HARD COPPER	WROUGHT COPPER	ABOVE GRADE
	ALL SIZES	TYPE "K" HARD COPPER	WROUGHT COPPER SILVER BRAZED	BELOW GRADE (16 MIL WRAPPED)
NATURAL GAS	ALL SIZES	SCHEDULE 40 STEEL PIPE	THREADED FITTINGS	ABOVE GRADE & BELOW GRADE

PLUMBING FIXTURE SCHEDULE											
MARK	FIXTURE	DESCRIPTION	REFERENCE PRODUCT	ACCEPTABLE EQUALS	FAUCETS/FITTINGS	TRIM	ACCESSORIES	DCW	DHW	VENT	SAN.
CO	CLEANOUT	DUOCO CAST IRON CLEANOUT WITH ROUND COVER.	ZURN Z1400-T-VP	JAY R SMITH, WATTS	--	--	--	--	--	--	SEE PLANS
FD	GENERAL PURPOSE FLOOR DRAIN	5"x5" SQUARE FLOOR DRAIN WITH DURA-COATED GALVANIZED CAST IRON BODY AND 3" BOTTOM OUTLET, COMBINATION INVERTIBLE MEMBRANE CLAMP AND ADJUSTABLE COLLAR WITH SEEPAGE SLOTS AND LIGHT-DUTY STRAINER, AND TRAP PRIMER.	ZURN Z415S-G-VP	WADE, JAY R SMITH, WATTS	--	--	--	--	--	2'	3'
HB-1	HOSE BIBB	FREEZELESS HOT AND COLD WALL FAUCET, CHROME-PLATED, WITH BACKFLOW PREVETER, TWO INDEPENDENT CHECK VALVES, 3/4" HOSE CONNECTION, AND LOOSE KEY TEE	WOODFORD B22	--	--	--	--	12"	12"	--	--
L-1	LAVATORY WALLMOUNT	WALL-MOUNTED LAVATORY, VITREOUS CHINA, GLAZED RIM, FRONT OVERFLOW, LEVER ACTIVATED FAUCET WITH 1.2 GPM VANDAL PROOF, NON-ABRATING SPRAY AND BRUSHED NICKEL	AS 0355-012	KOHLER	AS 2275-505	MCGUIRE 165	TRUEBRO MODEL LAVGUARD 2 WRAP KIT & J.R. SMITH 700-Z CARRIER	12"	12"	2'	2'
MB-1	MOP BASIN	24X24 ONE-PIECE, PRECAST, TERRAZZO MOP BASIN WITH CONTINUOUS STAINLESS STEEL CAPS ON ALL CURBS, 12" DEEP, STEEL DRAIN ASSEMBLY AND STRAINER, WALL MOUNTED FAUCET WITH PAIL HOOK, AND EYEWASH WAND	FIAT TSB-100	--	SPEAKMAN SEF-9000	--	--	12"	12"	2'	2'
S-1	EXAM ROOM SINK	OWNER FURNISHED	--	--	--	--	--	12"	12"	2'	2'
S-2	LAB SINK	SINGLE BOWL DROP IN SINK, 20 GA STAINLESS STEEL BRUSHED SATIN FINISH, 17X16X7-1/8", CENTER DRAIN, CENTERSET GOOSENECK FAUCET WITH 1.5 GPM, 4" WRIST BLADE HANDLES	ELKAY PSR1716	--	ELKAY LK406GN04T	--	--	12"	12"	2'	2'
S-3	DOUBLE COMPARTMENT SINK	18 GA STAINLESS STEEL, 36 INCH MIN CABINET WIDTH, DOUBLE EQUAL BOWL, 9 INCH DEPTH, TOP MOUNT, METAL CONSTRUCTION FAUCET, ONE-PIECE SELF-CONTAINED CERAMIC DISC VALV, 8-1/2" SWING SPOUT, SINGLE CONTROL LEVER	KOHLER K-5267	AMERICAN STANDARD	KOHLER K-15175-F	--	--	12"	12"	2'	2'
SH-1	SHOWER	ADA SHOWER STALL ONE-PIECE SHOWER STALL WITH REINFORCING BOTTOM PLATE, CURTAIN ROD, FOLDING SEAT, 18" GRAB BAR ADA COMPLIANT LEVEL HANDLE, ADJUSTABLE TEMPERATURE STOP, PRESSURE BALANCING MECHANISM, SATIN FINISH	EF S3839A	--	EF-0000-SK	--	--	34"	34"	2'	2'
WC-1	WATER CLOSET FLOOR MOUNT	WHITE VITREOUS CHINA, HIGH EFFICIENCY TOILET, 1.28 GPF, ELONGATED SIPHON ACTION BOWL, FULLY GLAZED TRAPWAY, 12" ROUGH-IN WITH 16 1/2 RIM HEIGHT	AS 773AA101	KOHLER	--	--	--	34"	--	3'	4'
IMB	ICE MAKER BOX	PROVIDE 1/2" SHUT OFF VALVE AND THREADED CONNECTION FOR ICE MAKER CONNECTION. PROVIDE WITH 6'-0" STAINLESS STEEL BRAIDED HOSE.	QATEY 38688	PRECISION PLUMBING PRODUCTS, SIOUX CHIEF	--	--	--	12"	--	--	--
HD	HUB DRAIN	MODULAR RECESSED HUB DRAIN.	ZURN Z1670	--	--	--	--	--	--	2'	2'

ELECTRIC WATER HEATER SCHEDULE								
MARK	FIXTURE TYPE	MANUFACTURER	MODEL	STORAGE	ELECTRICAL			
					VOLTS	PHASE	HERTZ	KW
EWH-1	ELECTRIC TANK TYPE	STATE	SSE-30-15	30 GAL	208	1	60	15.0

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PLUMBING NOTES AND LEGENDS

POO

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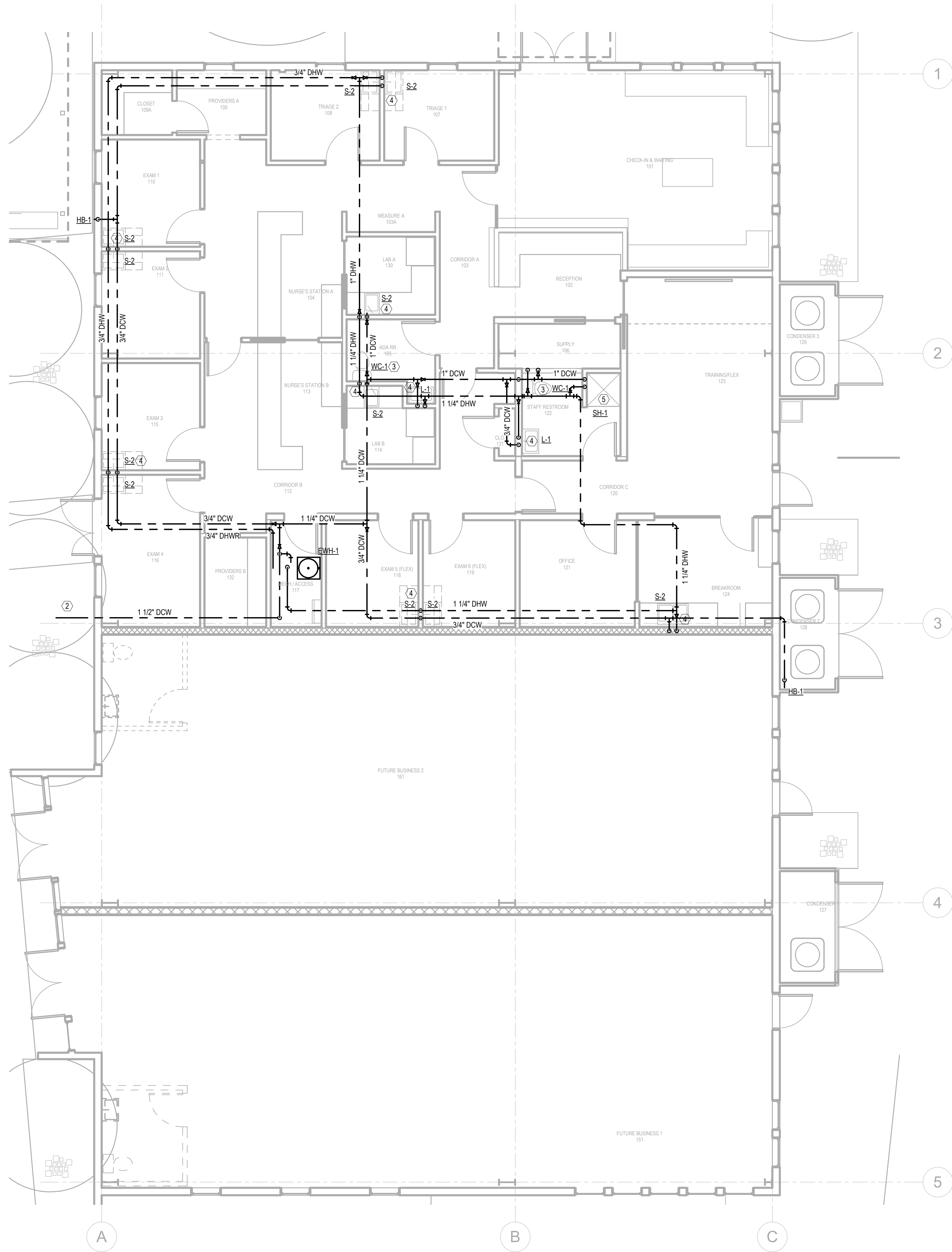


KEYED PLAN NOTES:

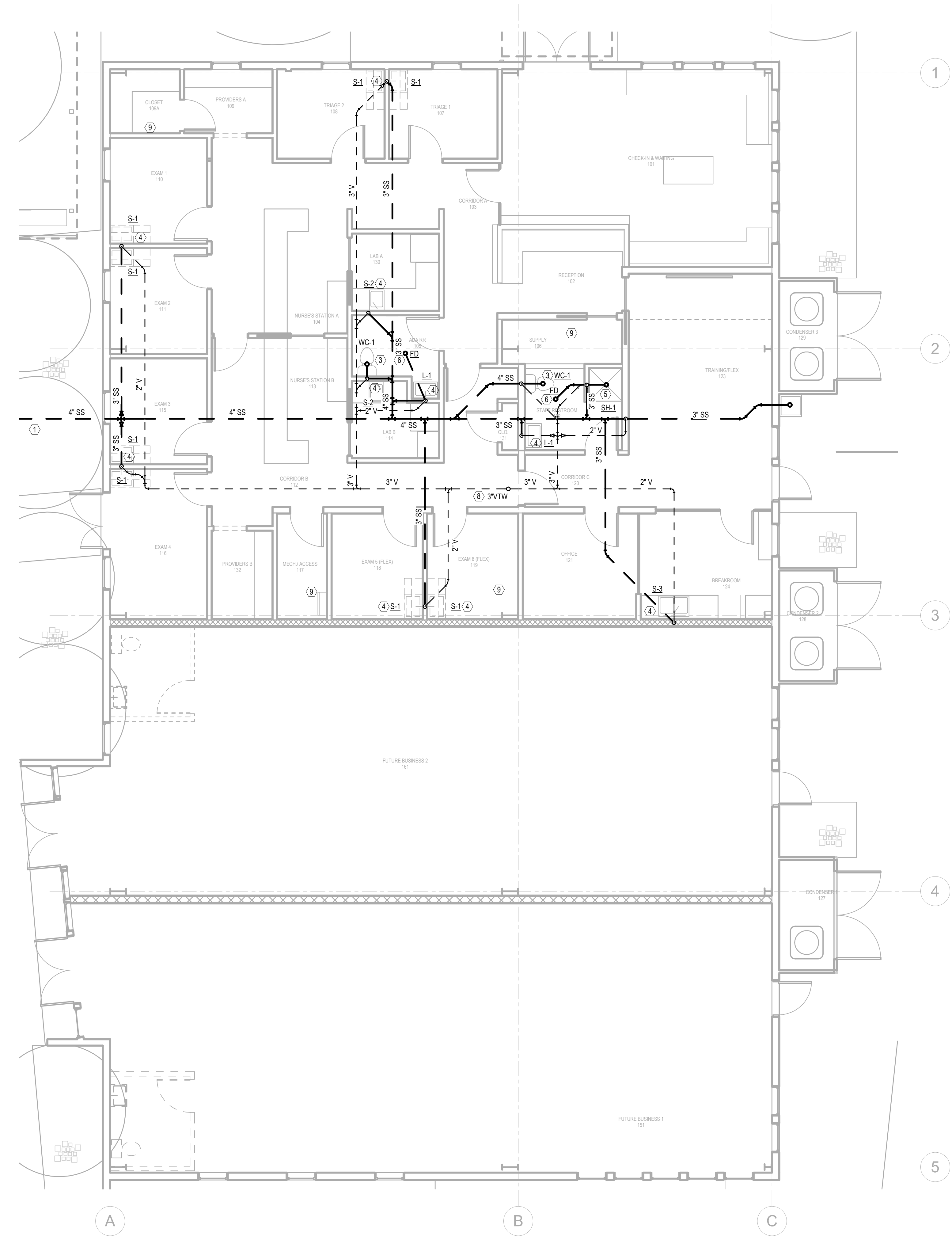
- ① PROVIDE NEW 4" WASTE SERVICE, COORDINATE WITH CIVIL.
- ② PROVIDE NEW 1-1/2" DOMESTIC COLD WATER SERVICE. PROVIDE BACKFLOW PREVENTER (TYP. OF WATTS 007) AFTER CITY WATER METER.
- ③ PROVIDE 1-1/2" DOMESTIC COLD WATER, 4" SANITARY, AND 2" VENT CONNECTIONS FOR WATER CLOSET.
- ④ PROVIDE 1/2" DOMESTIC HOT AND COLD WATER, 2" SANITARY, AND 2" VENT CONNECTIONS FOR LAVATORY, SINK, OR KITCHEN SINK.
- ⑤ PROVIDE 3/4" DOMESTIC HOT AND COLD WATER, 3" SANITARY, AND 2" VENT CONNECTIONS FOR SHOWER.
- ⑥ PROVIDE 3" SANITARY AND 2" VENT CONNECTION FOR FLOOR DRAIN. PROVIDE TRAP PRIMER FOR ALL FLOOR DRAINS.
- ⑦ PROVIDE 3/4" DOMESTIC HOT AND COLD WATER, 3" SANITARY, AND 2" VENT CONNECTIONS FOR MOP BASIN.
- ⑧ ROUTE VENT UP TO CENTRAL ROOF WALL AND TERMINATE WITH A WALL CAP.
- ⑨ PROVIDE HUB DRAIN (HD) FOR AIR HANDLING UNIT ABOVE CEILING.

GENERAL PLAN NOTES:

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- B. IF THE CONTRACTOR DOES NOT CLEARLY UNDERSTAND THESE PLANS, OR IS NOT SURE OF THEIR MEANING, HE SHOULD OBTAIN THE ENGINEER'S WRITTEN EXPLANATION AND INTERPRETATION PRIOR TO SUBMITTING HIS BID. THE CONTRACTOR WILL BE HELD RIGIDLY TO THE INTERPRETATION OF THE ENGINEER.
- C. ALL ELBOWS, FITTINGS, ETC. IN PIPING AND DUCTWORK ARE NOT NECESSARILY INDICATED TO CLEAR ALL OBSTRUCTIONS.
- D. BECAUSE OF LIMITED SPACE AVAILABLE TO INSTALL THE PLUMBING WORK, COORDINATION BETWEEN THE VARIOUS TRADES IS OF THE UTMOST IMPORTANCE.
- E. ALL FLOOR DRAINS SHALL HAVE TRAP PRIMER CONNECTIONS.
- F. ROUTE VENT PIPE TIGHT TO STRUCTURE. PAINT ALL VENT PIPE PER ARCHITECT'S DIRECTION.



2 DOMESTIC WATER PLAN - LEVEL 1
 P101 3/16" = 1'-0"



1 PLUMBING PLAN - LEVEL 1
 P101 3/16" = 1'-0"

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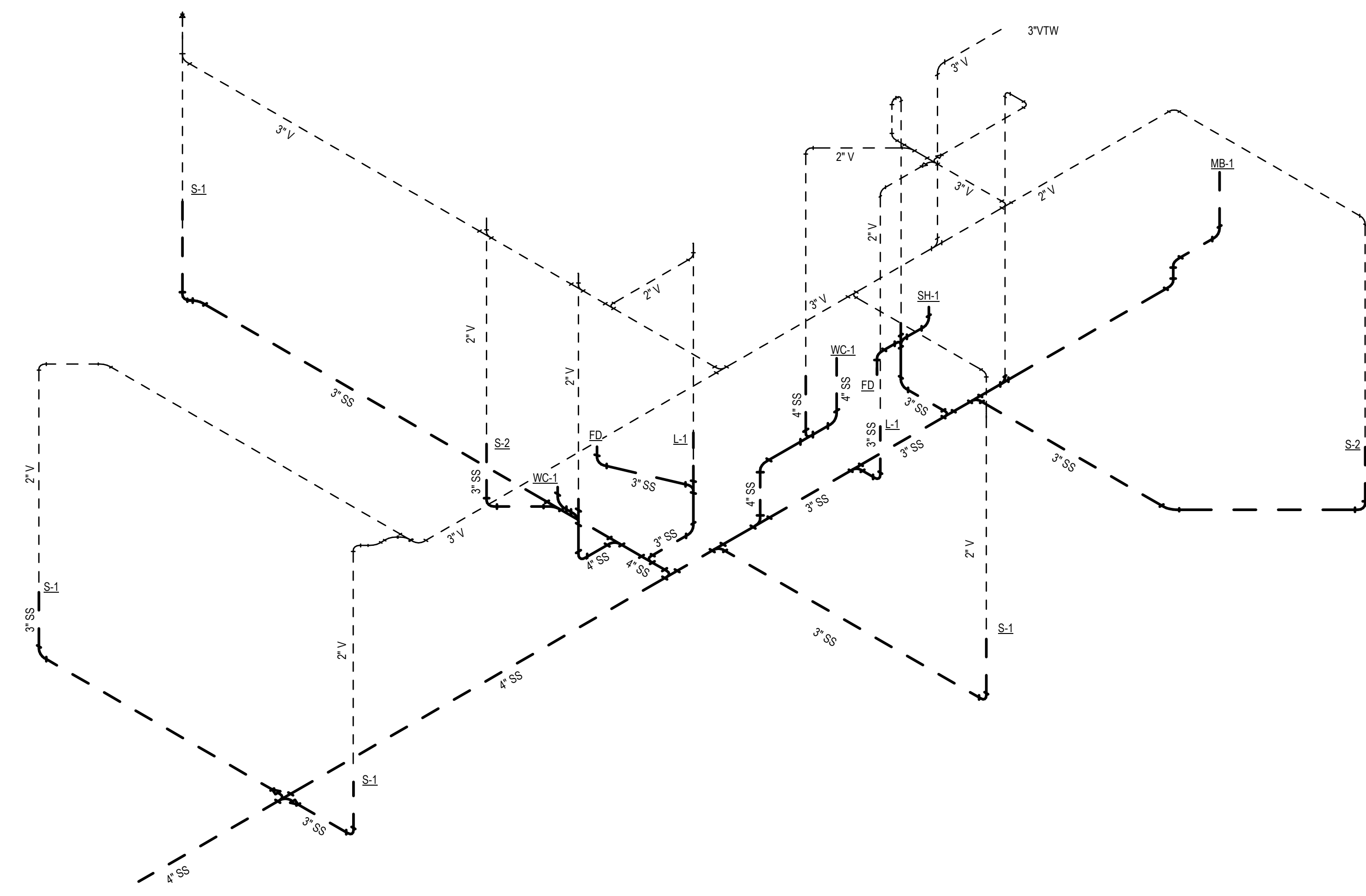
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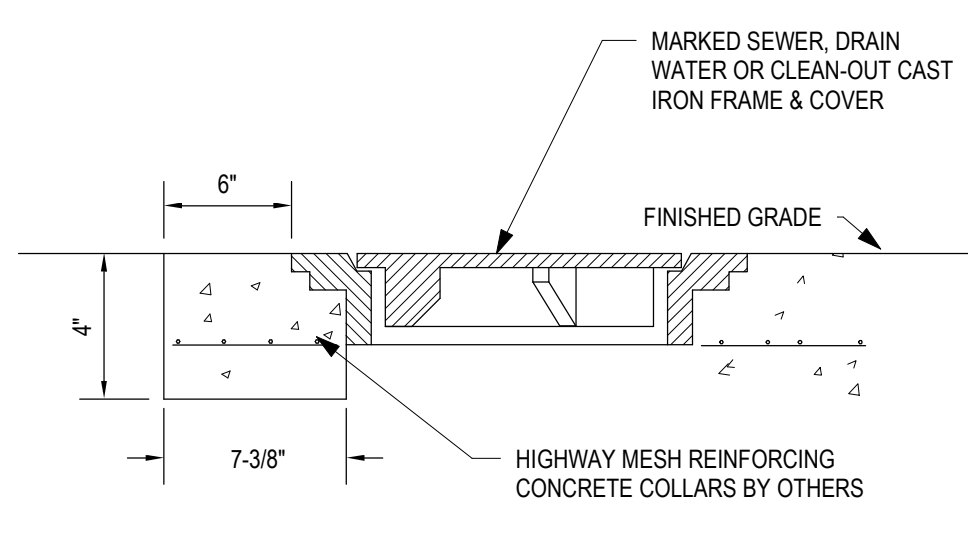
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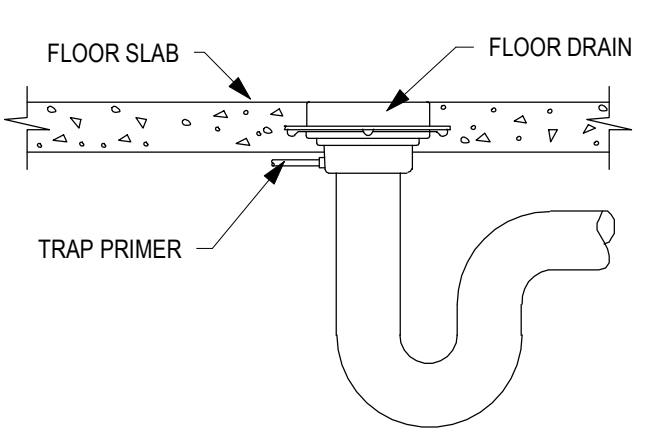
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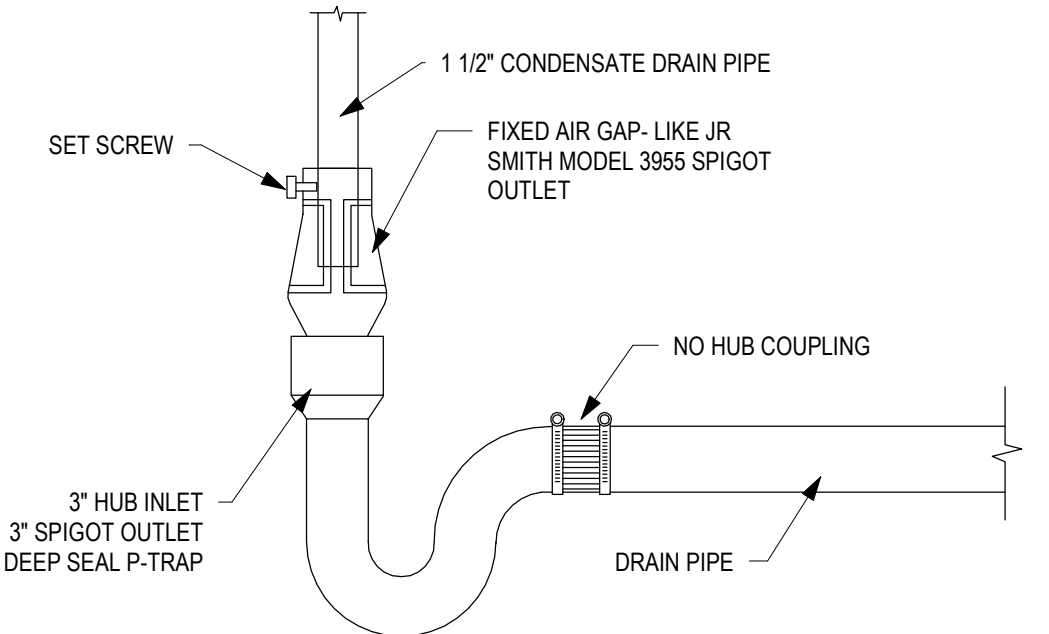
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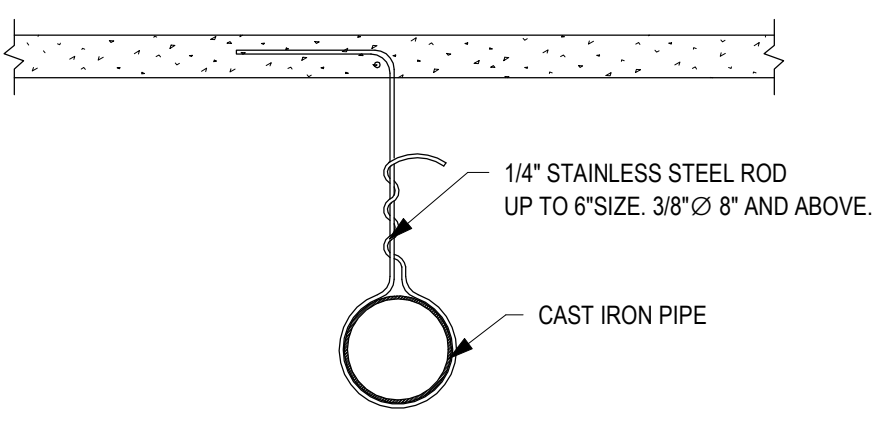
1 CLEANOUT COVER DETAIL
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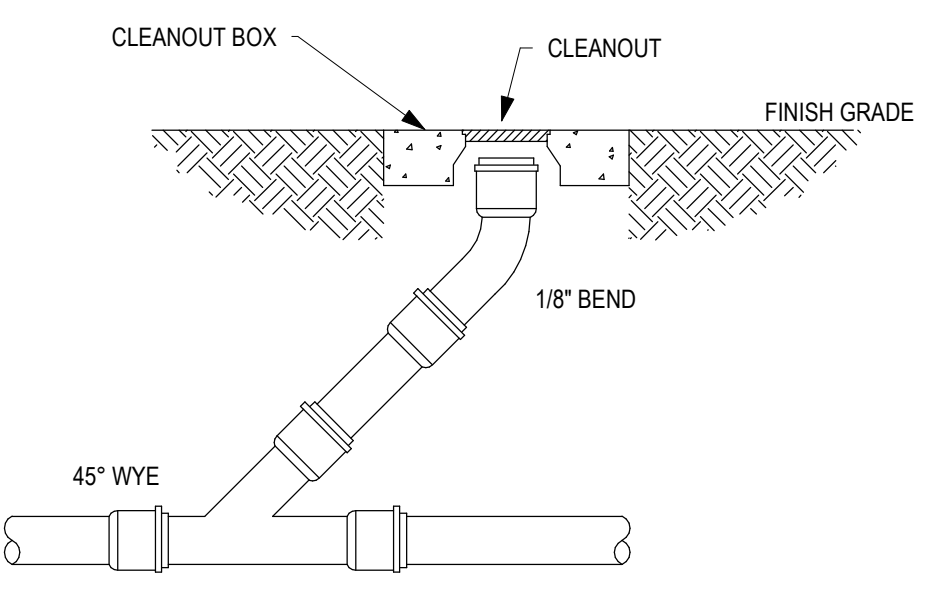
2 TYPICAL FLOOR DRAIN
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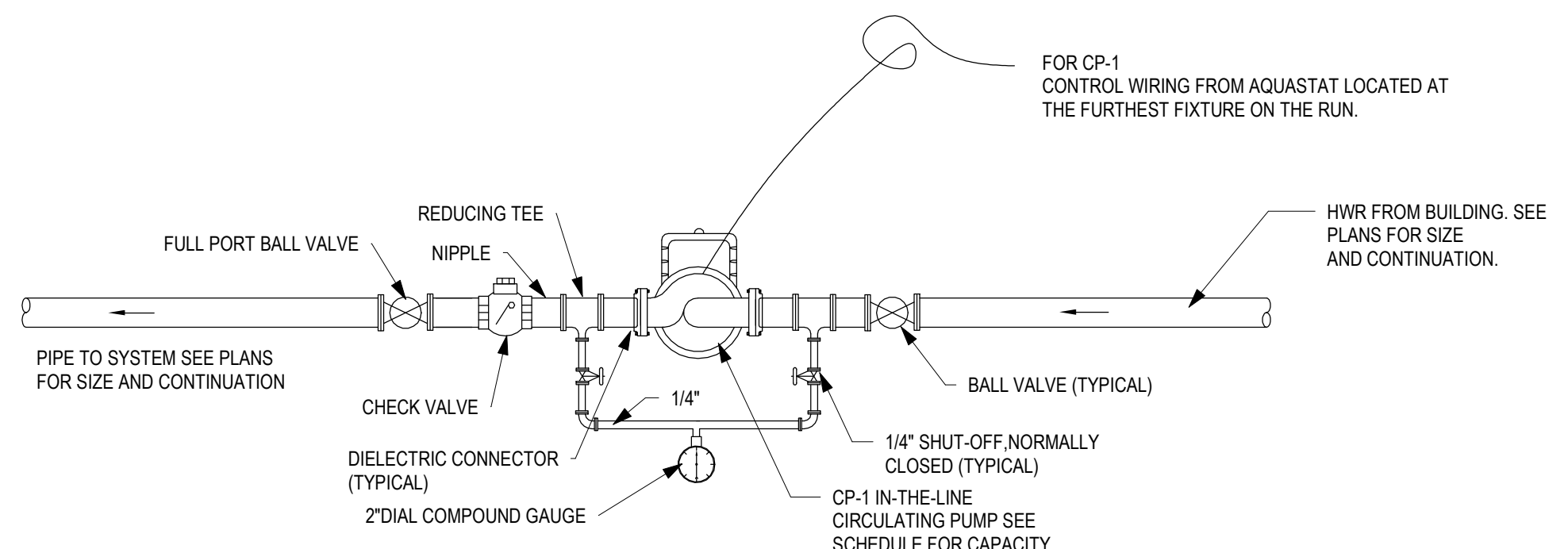
3 FIXED AIR GAP DETAIL
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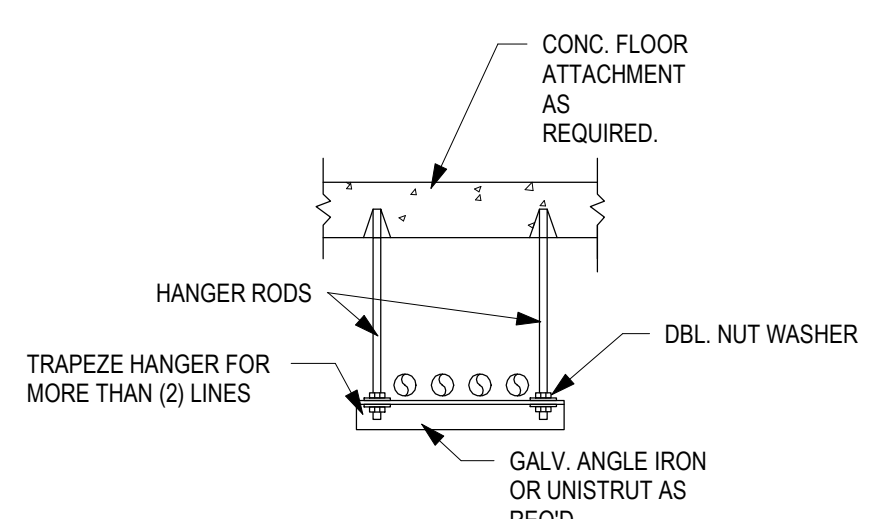
4 UNDERGROUND HANGER DETAIL
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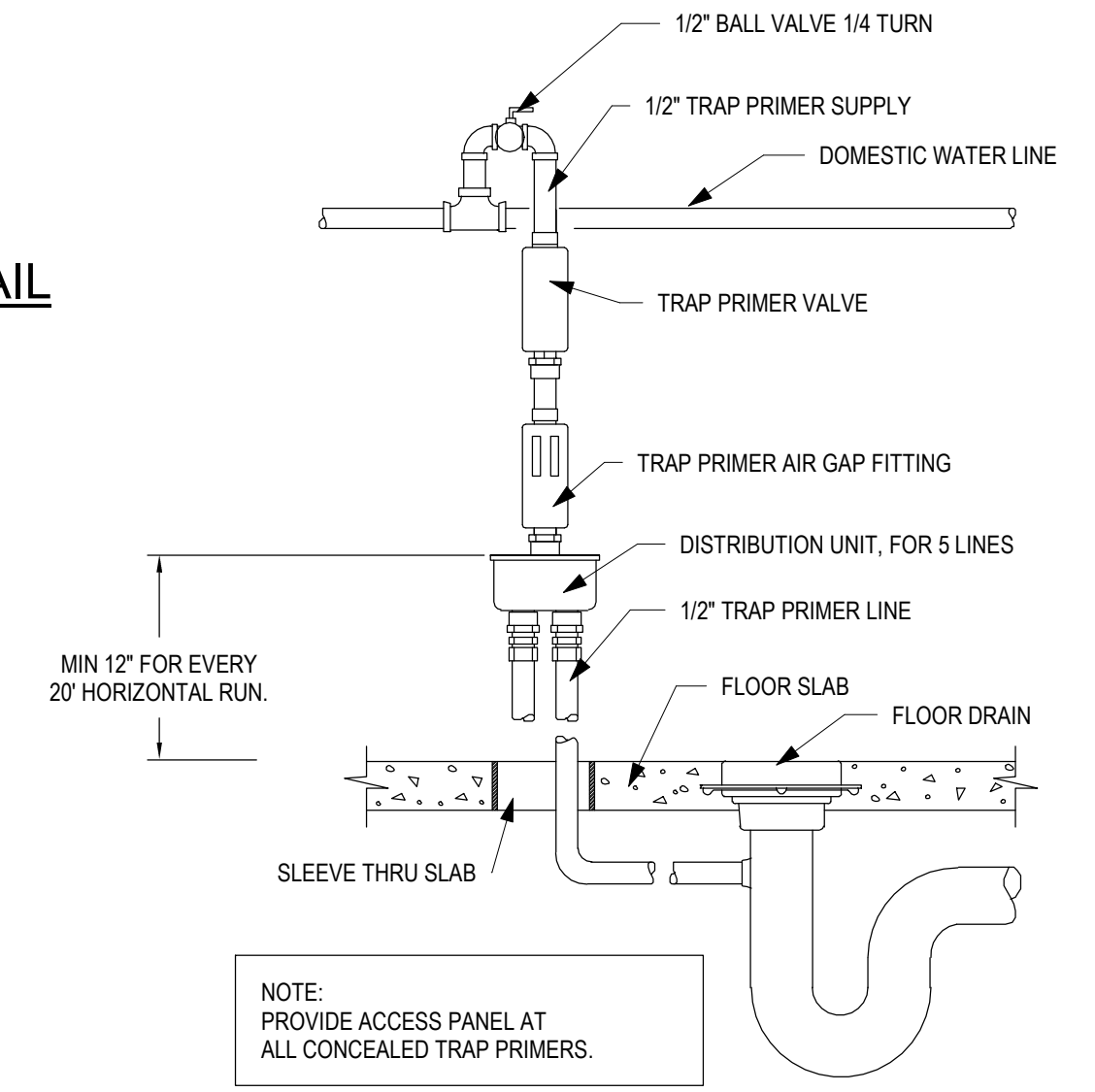
5 EXTERIOR CLEAN OUT DETAIL
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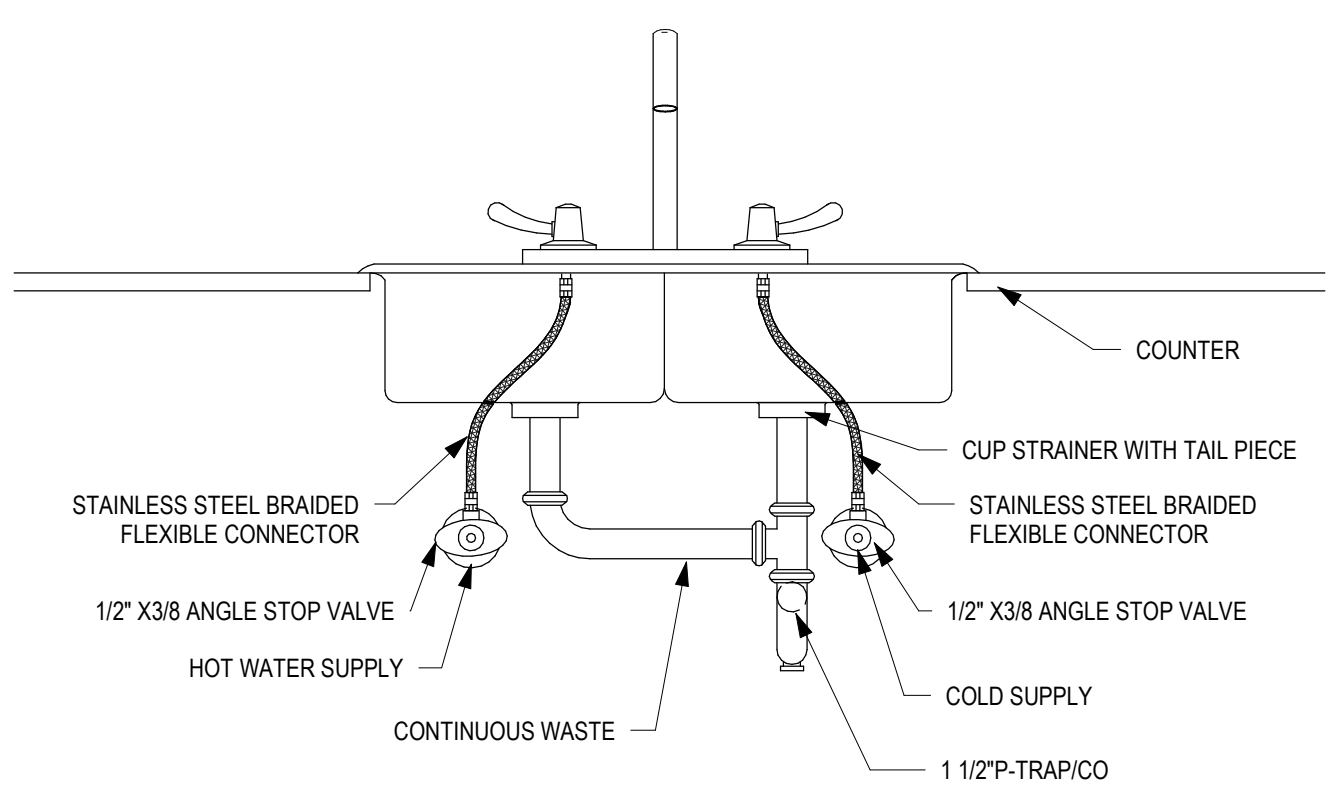
6 INLINE - HWR CIRCULATING PUMPS DETAIL
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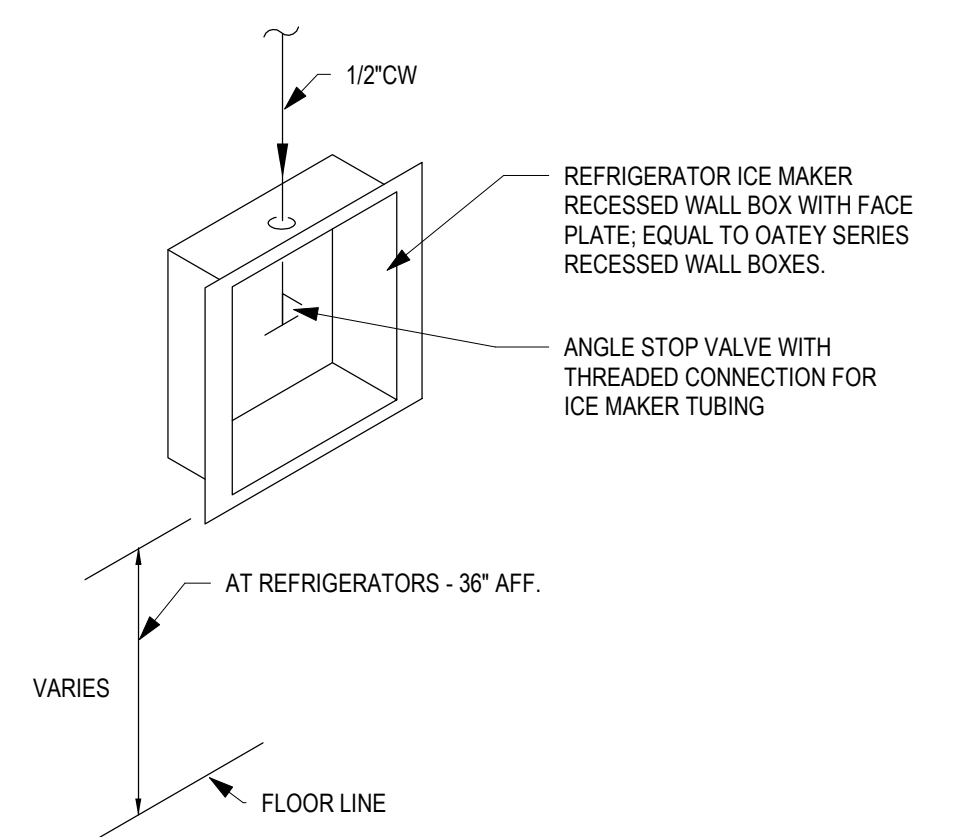
7 TYPICAL TRAPEZE HANGER
N.T.S.



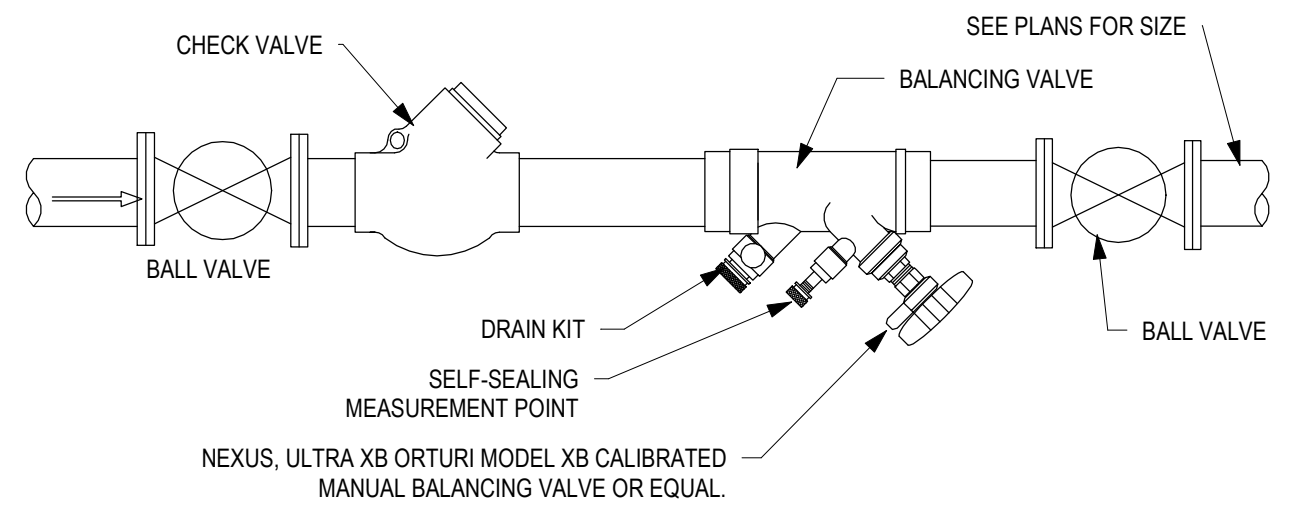
8 TRAP PRIMER DETAIL
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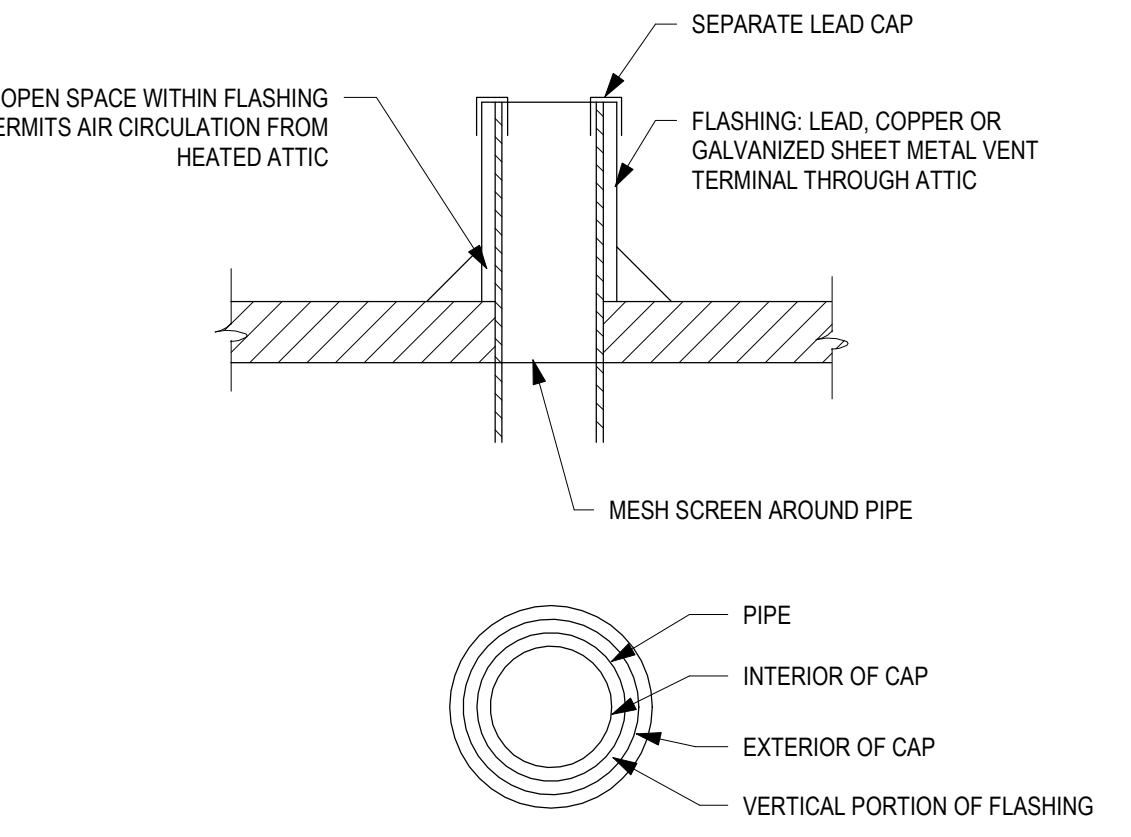
9 DOUBLE COMPARTMENT SINK DETAIL
N.T.S.



10 RECESSED ICE MAKER BOX DETAIL
N.T.S.



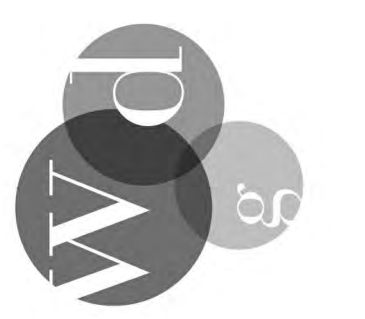
11 HWR BALANCING VALVE DETAIL
N.T.S.



12 TYPICAL ROOF PENETRATION DETAIL
N.T.S.

NOT FOR CONSTRUCTION

WDG | ARCHITECT'S ENGINEERS



10023 Chef Menteur Highway Medical Building
 9901 Chef Menteur LLC
 9901 Chef Menteur Hwy
 New Orleans, LA 70127
 PERMIT SET
 Issued 02/2023

PLUMBING DETAILS

ELECTRICAL ABBREVIATIONS		
A	AFF	ABOVE FINISHED FLOOR
	AHU	AIR HANDLING UNIT
	AL	ALUMINUM
	ASMM	ASYMMETRICAL
C	COND	CONDUIT
	CA TV	CABLE TELEVISION
	CLG	CEILING
	CM	CONTROL MODULE
	COMM	COMMUNICATIONS
	CP	CONTROL PANEL
	CR	CARD READER
	CRJ	COLOR RENDERING INDEX
	CU	COPPER/CONDENSING UNIT
D	DN	DOWN
E	EDH	ELECTRIC DUCT HEATER
	EF	EXHAUST FAN
	EL	ELEVATION
	ELEC	ELECTRICAL
	EM	EMERGENCY
	EQ	EQUAL
	EXST.	EXISTING
F	FACP	FIRE ALARM CONTROL PANEL
	FAMP	FIRE ALARM ANNUNCIATOR PANEL
	FABP	FIRE ALARM BOOSTER PANEL
	FL	FLOOR
G	GA	GAUGE
	GFCI	GROUND-FAULT CIRCUIT INTERRUPTER
	GFP	GROUND-FAULT PROTECTION
	GOND	GROUND
	GRS	GALVANIZED RIGID STEEL
H	H	HORIZONTAL
L	LCP	LIGHTING CONTROL PANEL
	LRS	LEGALLY REQUIRED STANDBY
M	MH	MOUNTING HEIGHT
	MM	MONITOR MODULE
N	NL	NIGHT LIGHT
O	OC	OCCUPANCY SENSOR
	OS	OPTIONAL STANDBY
R	REQ	REQUIRED
S	SS	STAINLESS STEEL
T	TR	TAMPER RESISTANT TELEVISION
	TV	TYPICAL
U	UON	UNLESS OTHERWISE NOTED
	USB	USB JACKS
V	VERT	VERTICAL
W	WAP	WIRELESS ACCESS POINT
	WH	WATER HEATER
	WP	WEATHER PRROF
X	XFMR	TRANSFORMER

FIRE ALARM SYSTEM NOTES	
1.	CONTRACTOR SHALL ENGAGE THE SERVICES OF A LOUISIANA LICENSED FIRE ALARM CONTRACTOR AND/OR MANUFACTURER TO PROVIDE A COMPLETE AND OPERABLE FIRE ALARM SYSTEM APPROVED BY THE AUTHORITY HAVING JURISDICTION UNDER CONTRACTOR SHALL BE RESPONSIBLE FOR AND INCLUDE IN BID ALL THE BASE BID, PLAN REVIEW AND PERMIT FEES, WHICH MAY BE APPLICABLE. COORDINATE WITH FIRE ALARM CONTRACTOR ANY ADDITIONAL DEVICES, OUTLETS OR CONNECTIONS REQUIRED FOR THE FIRE ALARM SYSTEM PRIOR TO BID. CONTRACTOR IS RESPONSIBLE TO ADD ANY ADDITIONAL ITEMS REQUIRED BUT NOT SHOWN ON THE DRAWINGS TO MEET THE AUTHORITY HAVING JURISDICTION REQUIREMENTS AT NO ADDITIONAL COST TO THE OWNER. CONTRACTOR SHALL PROVIDE COMPLETE SYSTEM WIRING DIAGRAMS INCLUDING BUILDING FLOOR PLANS, SYSTEM COMPONENT SPECIFICATIONS, DEVICE LOCATIONS, ETC. FOR REVIEW AND APPROVAL BY AUTHORITY HAVING JURISDICTION.
2.	CONTRACTOR TO INCLUDE THE STATE FIRE MARSHAL'S FIRE ALARM SYSTEM CHECKLIST & FEE SCHEDULE AS PART OF FIRE ALARM SYSTEM SUBMITTAL.
3.	ELECTRICAL CONTRACTOR TO PROVIDE ALL NECESSARY 120V FEEDS ASSOCIATED WITH THE FIRE ALARM SYSTEM TO DUCT DETECTORS, BOOSTER POWER SUPPLIES, FACP, ETC. WHETHER SPECIFICALLY SHOWN ON THESE DRAWINGS OR NOT. ELECTRICAL CONTRACTOR TO COORDINATE WITH THE FIRE ALARM CONTRACTOR AND PROVIDE THESE FEEDS IN THE BASE BID.
4.	NFPA 72:10.15 IN AREAS NOT CONTINUOUSLY OCCUPIED, AUTOMATIC SMOKE DETECTION SHALL BE PROVIDED FOR EACH FIRE ALARM CONTROL UNIT. NOTIFICATION APPLIANCE CIRCUIT POWER EXTENDER, AND SUPERVISING STATION TRANSMITTING EQUIPMENT TO PROVIDE NOTIFICATION OF FIRE AT THAT LOCATION.
5.	NFPA 72:12.2.4.3 THE INSTALLATION OF ALL WIRING, CABLE, AND EQUIPMENT SHALL BE IN ACCORDANCE WITH NFPA 70, NATIONAL ELECTRICAL CODE, AND, SPECIFICALLY WITH ARTICLE 760. CABLES SHALL BE PROTECTED AGAINST MECHANICAL INJURY IN ACCORDANCE WITH ARTICLE 760.
6.	NFPA 72:17.12.2 WATERFLOW IN SPRINKLER SYSTEMS SHALL BE INDICATED WITHIN 90 SECONDS.
7.	NFPA 72:10.7.2 FIRE ALARM SIGNALS SHALL BE DISTINCTIVE IN SOUND FROM OTHER SIGNALS AND THIS SOUND SHALL NOT BE USED FOR ANY OTHER PURPOSE.
8.	NFPA 72:10.5.5 CONNECTIONS TO THE LIGHT AND POWER SERVICE SHALL BE ON A DEDICATED BRANCH CIRCUIT(S). THE CIRCUIT(S) AND CONNECTIONS SHALL BE MECHANICALLY PROTECTED. CIRCUIT DISCONNECTING MEANS SHALL HAVE A RED MARKING, SHALL BE ACCESSIBLE ONLY TO AUTHORIZED PERSONNEL, AND SHALL BE IDENTIFIED AS FIRE ALARM CIRCUIT. THE LOCATION OF THE CIRCUIT DISCONNECTING MEANS SHALL BE PERMANENTLY IDENTIFIED AT THE FIRE ALARM CONTROL UNIT. 8.1 NFPA 72:23.4.2 FIRE ALARM CIRCUITS SHALL COMPLY WITH SECTIONS 23.5 THROUGH 23.7.
9.	NFPA 72:17.14.4 THE OPERABLE PART OF EACH MANUAL FIRE ALARM BOX SHALL BE NOT LESS THAN 3.5 FT. AND NOT MORE THAN 4 FT. ABOVE FLOOR LEVEL.
10.	NFPA 72:17.1.11 SMOKE DETECTORS SHALL NOT BE INSTALLED UNTIL AFTER THE CONSTRUCTION CLEANUP OF ALL TRADES IS COMPLETE AND FINAL. FAILURE TO COMPLY WITH THIS REQUIREMENT COULD RESULT WITH NUMEROUS FALSE ALARMS AND UNNECESSARY REPLACEMENT COSTS.
11.	NFPA 72:17.3.2.1 SIDEWALL MOUNTED SPOT-TYPE DETECTORS SHALL NOT BE LOCATED MORE THAN 12" DOWN FROM THE CEILING TO THE TOP OF THE DETECTOR.
12.	NFPA 72A.17.7.4.1 CAUTION: DETECTORS SHOULD NOT BE LOCATED WITHIN 3 FT. OF AN AIR SUPPLY DIFFUSER OR RETURN AIR OPENING.
13.	NFPA 72:18.5.4.1 VISUAL NOTIFICATION APPLIANCES SHALL BE MOUNTED SO THAT THE ENTIRE LENS IS AT LEAST 80° AND NOT MORE THAN 90° ABOVE THE FINISHED FLOOR. MOUNTING IN SLEEPING AREAS SHALL BE IN ACCORDANCE WITH SECTION 18.5.4.6. 13.1. A) NFPA 72:18.5.4.2.2 VISIBLE NOTIFICATION DEVICES SHALL FLASH IN SYNCHRONIZATION, WHERE MORE THAN TWO ARE LOCATED WITHIN THE FIELD OF VIEW IN THE SAME ROOM OR ADJACENT SPACE.
14.	1019.6.3.7 AUDIBLE ALARM INDICATING APPLIANCES SHALL BE EFFECTIVELY HEARD ABOVE THE AVERAGE AMBIENT SOUND LEVEL OCCURRING UNDER NORMAL CONDITIONS OF OCCUPANCY. THE MINIMUM AUDIBLE SOUND LEVEL REQUIRED FOR OCCUPANT NOTIFICATION SHALL BE WITHIN THE MINIMUM AUDIBLE LEVEL REQUIRED BY NFPA 72:18.4.3. SEE 72A.18.4.3 FOR GUIDELINES. ACTUAL AMBIENT SOUND LEVEL MEASUREMENTS SHALL BE USED FOR COMPLIANCE VERIFICATION.
15.	NFPA 72:26.6.3.2.1.4 A DIGITAL ALARM COMMUNICATOR TRANSMITTER, WHEN INSTALLED, SHALL BE CONNECTED TO TWO (2) SEPARATE MEANS OF TRANSMISSION AT THE PROTECTED PREMISES. 15.1. NFPA 72:26.6.3.2.1.3 A DIGITAL ALARM COMMUNICATOR TRANSMITTER SHALL BE CAPABLE OF DISCONNECTING AN OUTGOING OR INCOMING TELEPHONE CALL.
16.	NFPA 72:10.5.6 PROVIDE BATTERIES WITH SUFFICIENT CAPACITY TO ACCOMMODATE THE CALCULATED LOADS.
17.	NFPA 72:10.18.2.3 THE OWNER'S MANUAL, THE INSTALLATION INSTRUCTIONS AND AS-BUILT RECORD DRAWINGS SHALL BE GIVEN TO THE OWNER UPON FINAL ACCEPTANCE OF THE SYSTEM.
18.	OCCUPANT NOTIFICATION SHALL BE PROVIDED AUTOMATICALLY IN ACCORDANCE WITH NFPA 101, NFPA 72, AND IBC 907.5. 18.1. NFPA 72:18.4.5.3 WHERE AUDIBLE APPLIANCES ARE PROVIDED TO PRODUCE SIGNALS FOR SLEEPING AREAS, THEY SHALL PRODUCE A LOW FREQUENCY ALARM SIGNAL THAT COMPLIES WITH THE FOLLOWING: 18.1.1. THE ALARM SIGNAL SHALL BE A SQUARE WAVE OR PROVIDE EQUIVALENT AWAKENING ABILITY. 18.1.2. THE WAVE SHALL HAVE A FUNDAMENTAL FREQUENCY OF 520 HZ +/- 10%.

GENERAL ELECTRICAL NOTES	
WORK PERFORMED UNDER THE ELECTRICAL INSTALLATION SHALL BE IN ACCORDANCE WITH INDUSTRY STANDARDS LISTED BELOW OF THE LATEST APPLICABLE EDITION ADOPTED BY THE AUTHORITY HAVING JURISDICTION. WHERE THESE SPECIFICATIONS ARE MORE STRINGENT, THEY SHALL TAKE PRECEDENCE IN CASE OF CONFLICT, OBTAIN A DECISION FROM THE ARCHITECT.	18. DO NOT MOUNT OUTLETS BACK TO BACK ON OPPOSITE SIDES OF PARTITIONS.
A. THE NATIONAL ELECTRICAL CODE (NEC 2017), (CURRENT EDITION ADOPTED BY FILL IN STATE).	19. PROVIDE CONDUIT SEALING ON ALL CORE DRILLS THROUGH RATED WALL AS REQUIRED.
B. NFPA - NATIONAL FIRE PROTECTION ASSOCIATION NFPA-101, LIFE SAFETY CODE.	20. JUNCTION BOXES SHALL NOT BE INSTALLED IN CLOSE PROXIMITY TO CEILING TILES AND SHALL ALLOW ALL CEILING TILES TO BE LIFTED AND REMOVED EASILY.
C. NFPA - NATIONAL FIRE PROTECTION ASSOCIATION NFPA-72, FIRE ALARM CODE.	21. IF FLEXIBLE CONDUIT IS APPROVED AND UTILIZED, USE ANTI-SHORT BUSHINGS WITH FLEXIBLE CONDUIT.
D. OSHA CODE OF FEDERAL REGULATIONS (FOR CONSTRUCTION PRACTICES).	22. "T" CLIPS AND OTHER "OLD WORK" STYLE BOXES ARE NOT TO BE USED.
E. APPLICABLE STATE AND LOCAL CODES/ORDINANCES.	23. GANGABLE BOXES ARE NOT TO BE USED.
F. CBM - CERTIFIED BALLAST MANUFACTURER.	24. SIZING/SELECTION OF EQUIPMENT WIRING AND ELECTRICAL WORK, INCLUDING FEEDERS, BRANCH CIRCUITS, OVERCURRENT PROTECTION, AND NEMA CONFIGURATION ARE BASED ON RATINGS AND INFORMATION INDICATED. VERIFY ACTUALLY INSTALLED APPLIANCE RATINGS AND LOADS AND PROVIDE CORRECTLY SIZED ELECTRICAL COMPONENTS WITH APPROPRIATE NEMA CONFIGURATION. REFLECT ALL CHANGES IN THE RECORD DRAWINGS. COORDINATE WITH ELECTRICAL ENGINEER IF NECESSARY.
G. IP/CEA - INSULATED POWER CABLE ENGINEERS' ASSOCIATION	25. A WARRANTY SHALL BE PROVIDED IN ACCORDANCE WITH THE SPECIFICATIONS FOR ALL ELECTRICAL EQUIPMENT FURNISHED AND TO ANY ELECTRICAL WORK FURNISHED UNDER THESE SPECIFICATIONS. CONTRACTOR SHALL REPAIR OR REPLACE ANY DEFECTS IN WORKMANSHIP, DESIGN OR MATERIALS AT HIS OWN EXPENSE. WARRANTY WORK SHALL BE PERFORMED WITHIN A REASONABLE TIMEFRAME AS SOON AS POSSIBLE AFTER THE DISCREPANCY IS NOTICED.
H. FM - FACTORY MUTUAL	26. PROVIDE TYPEWRITTEN PANELBOARD SCHEDULES TO PANELBOARD DOORS DEPICTING THE FINAL AS-BUILT CONDITIONS AT PROJECT COMPLETION. INDICATE DEVICE AND ROOM NAME LOCATION.
I. ETL - ELECTRICAL TESTING LABORATORIES	27. AT THE END OF EACH WORK DAY, THE CONTRACTOR SHALL REMOVE ALL DEBRIS, SURPLUS MATERIALS OR FOREIGN MATTER CAUSED BY THE PERFORMANCE OF ELECTRICAL WORK ON THE PREMISES. UPON COMPLETION OF THE WORK THE CONTRACTOR SHALL BE RESPONSIBLE FOR LEAVING THE PREMISES IN A CLEAN CONDITION.
J. IES - ILLUMINATING ENGINEERING SOCIETY	28. NO INSTALLATION WILL BE CONSIDERED COMPLETE UNTIL THE PROPER OPERATION OF ALL ELECTRICAL EQUIPMENT HAS BEEN DEMONSTRATED TO THE SATISFACTION OF THE OWNER OR ITS AUTHORIZED REPRESENTATIVE. ALSO, ANY RECORD DRAWINGS, BOOKS NECESSARY TO MAINTAIN OR REPLACE ANY CONTRACTOR SUPPLIED MATERIAL, SHALL BE COMPILED AND PRESENTED TO THE OWNER IN A FORM SUITABLE FOR REPRODUCTION.
K. NFCA	29. THESE DRAWINGS HAVE BEEN COORDINATED WITH MECHANICAL AND PLUMBING DRAWINGS. ELECTRICAL CONTRACTOR TO COORDINATE FUSE, CIRCUIT BREAKER, WIRE, CONDUIT, DISCONNECT, ETC. SIZES WITH MANUFACTURERS' RECOMMENDATIONS OF EQUIPMENT AND UNITS ACTUALLY INSTALLED AND MODIFY AS NECESSARY TO ACCOMMODATE. VERIFY WITH SHOP DRAWINGS PRIOR TO ROUGH-INS.
L. IBC	30. ALL TERMINATIONS SHALL BE LISTED FOR 75 DEGREES C UNLESS OTHERWISE NOTED.
M. FM GLOBAL	31. 20A BRANCH CIRCUITS WITH UNMARKED CONDUCTOR AMOUNTS AND SIZES SHALL DEFAULT TO 2#12, #126, #12/C.
1. THE TERM "PROVIDE" MEANS TO FURNISH AND INSTALL.	32. PRIOR TO ROUGHING-IN ANY WIRING OR DEVICES, CONFIRM EXACT LOCATIONS WITH ARCHITECT/OWNER.
2. PANELS ARE TO BE FULLY RATED. - NO SERIES RATED EQUIPMENT IS ALLOWED.	33. ALL BRANCH CIRCUIT INSTALLATION AND LOADING SHALL COMPLY WITH CURRENT NEC.
3. COMPLETELY BOND AND GROUND ENTIRE ELECTRICAL SYSTEM IN ACCORDANCE WITH THE CURRENT NEC ADOPTED BY THE LOCAL AUTHORITY HAVING JURISDICTION ARTICLE 250 IN ITS ENTIRETY.	34. NO MORE THAN (10) DUPLEX OUTLETS ARE ALLOWED ON A 20A BRANCH CIRCUIT.
4. THE CONSTRUCTION INSTALLATION SHALL MEET ANY AND ALL SPECIFICATIONS AS REQUIRED BY OWNER'S CONSTRUCTION STANDARDS INCLUDING ALL FITTINGS AND HARDWARE. COORDINATE SPECIFIC REQUIREMENTS AND GUIDELINES WITH THE OWNER'S CONSTRUCTION MANAGER.	35. DO NOT LOAD LIGHTING BRANCH CIRCUITS MORE THAN 80%.
5. CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH GENERAL CONTRACTOR ON THE APPLICATION FOR PERMIT AND PERMITANCE OF ALL FEES. IN ADDITION, CONTRACTOR TO PROVIDE FINAL INSPECTION CERTIFICATE.	36. ARCHITECT BASE DRAWINGS HAVE PREFERENCE. ALL DISCREPANCIES WITH BASE DRAWINGS IN ELECTRICAL SET TO BE CLARIFIED WITH CONTRACTOR, ARCHITECT AND ELECTRICAL ENGINEER.
6. INCLUDE THE COSTS TO INCORPORATE ALL CODES AND ORDINANCE REQUIREMENTS INTO THE BASE BID AND INSTALLATION OF WORK FOR THIS PROJECT. NO ADDITIONAL FUNDS WILL BE ALLOCATED FOR WORK TO CONFORM TO REGULATIONS AND REQUIREMENTS AND/OR TO OBTAIN APPROVAL OF WORK.	37. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR CEILING TYPES AND EXACT LOCATION OF ALL FIXTURES. VERIFY CEILING TYPES WITH ARCHITECT PRIOR TO ORDERING LIGHT FIXTURES TO ENSURE COMPATIBLE FIXTURE TRIMS AND MOUNTING HARDWARE.
7. WORKMANSHIP TO MEET N.E.C.A. GUIDELINES. PUT INTO OPERATION AND TEST ALL ELECTRICAL EQUIPMENT. ALL CIRCUITS SHALL BE TESTED BY CONTRACTOR FOR PROPER VOLTAGE AND PHASE ROTATION, CONTINUITY, PROPER POLARITY, PROPERLY FUNCTIONING GROUND FAULT INTERRUPTERS AND OTHER OUTLETS AND EQUIPMENT; AND FOR ELECTRICAL ISOLATION OF ALL UNGROUNDED CONDUCTORS FROM GROUND AND FROM THE CONDUIT SYSTEM. CONTRACTOR SHALL BALANCE THE LOADS ON EACH PANEL TO WITHIN 15% BETWEEN MAXIMUM AND MINIMUM CURRENTS.	38. COORDINATE ALL SPECIAL SYSTEMS INSTALLATION (COMMUNICATIONS, FIBER, CABLE, ETC.) WITH SPECIAL SYSTEMS DESIGN/INTEGRATOR DIRECTOR.
8. PROVIDE GROUND FAULT CIRCUIT INTERRUPTERS TYPE RECEPTACLES FOR ALL 15 AND 20 AMPERE, 120 VOLT, CONVENIENCE RECEPTACLES IN BATHROOMS, BREAKROOM AREAS, AND WITHIN 6 FOOT OF ALL SINKS.	39. MOUNT ALL OCCUPANCY SENSOR/SWITCHES IN A MANNER THAT DOES NOT OBSTRUCT THE INFRARED VIEW OF THE DEVICE. ALL OCCUPANCY SENSORS ARE TO BE OF THE DUAL-TECHNOLOGY TYPE WITH ADJUSTABLE TIME DELAY SETTINGS AND ADAPTIVE TECHNOLOGY.
9. PROVIDE COMPLETE INSTALLATION, INCLUDING ALL MINOR ITEMS. THIS INCLUDES ELECTRICAL, COMMUNICATIONS, CABLE, FIBER AS WELL AS ANY OTHER SYSTEMS SHOWN IN THESE DRAWINGS. PROVIDE ALL MOUNTING HARDWARE FOR LIGHTING FIXTURES AND OTHER ELECTRICAL EQUIPMENT REQUIRED FOR A COMPLETE INSTALL.	40. ALL 120V, 20AMP CIRCUIT WIRING SHALL BE ADJUSTED FOR VOLTAGE DROP SUCH THAT THE MAXIMUM VOLTAGE DROP AT THE FURTHEST OUTLET OF POWER, HEATING OR LIGHTING DOES NOT EXCEED 3%.
10. DRAWINGS ARE DIAGRAMMATICAL. ALL ELECTRICAL EQUIPMENT LOCATIONS ARE APPROXIMATE ONLY. FOR ALL MEASUREMENTS, USE ARCHITECTURAL, MECHANICAL OR OTHER RESPECTIVE DIVISIONS PLANS AND FIELD SURVEYS. COORDINATE WITH HVAC WORK, CABINET WORK, PARTITION WORK, ETC. WHEN REQUIRED. LAYOUT OF EQUIPMENT, ACCESSORIES, SPECIALTIES, WIRING AND CONDUIT SYSTEMS ARE STRICTLY DIAGRAMMATICAL UNLESS SPECIFICALLY DIMENSIONED AND NOTED, AND DO NOT INDICATE EVERY REQUIRED FITTING, ELBOW, TRANSITION, JUNCTION BOX OR SIMILAR ITEMS THAT ARE REQUIRED TO CLEAR ALL OBSTRUCTIONS AND COMPLETE INSTALLATION.	41. CONTRACTOR SHALL NOTIFY OWNER AT LEAST 48 HOURS IN ADVANCE OF ANY WORK WHICH SHALL, OR REASONABLY COULD RESULT IN AN OUTAGE OF POWER OR COMMUNICATIONS.
11. IF A CONFLICT OCCURS BETWEEN DRAWINGS AND/OR SPECIFICATIONS, BID THE GREATER QUANTITY AND/OR QUALITY.	42. WIRING DEVICES SHALL MATCH EXISTING BUILDING. WHITE DEVICES WITH BRUSHED ALUMINUM COVER PLATES.
12. COORDINATE ELECTRICAL WORK WITH OTHER TRADES PRIOR TO SUBMITTING A BID.	43. LIGHT MARKED WITH EL OR NL ARE EMERGENCY FIXTURES AND SHALL REQUIRE AN UNSWITCHED HOT
13. RACEWAYS AND CABLES SHALL BE INSTALLED CONCEALED UNLESS OTHERWISE NOTED MC CABLES IS ACCEPTABLE.	
14. ALL WORK SHALL BE PROPERLY SUPPORTED FROM THE BUILDING STRUCTURE IN AN APPROVED MANNER WITH A SUPPORT DEVICE THAT IS LISTED FOR THE USE AND FASTENED TO BUILDING CONSTRUCTION WITH APPROVED SUPPORTS LISTED FOR USE.	
15. UPON COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL PROVIDE A COMPLETE SET OF THE DRAWINGS USED STRICTLY FOR MARK-UPS WHICH SHALL INCLUDE ALL REVISIONS, SKETCHES, ETC., REQUIRED DURING CONSTRUCTION. CONTRACTOR SHALL INSURE THAT ALL CIRCUITRY IS SHOWN AS WIRED IN THE FIELD AND HAS ACCURATE HOMERUN DESIGNATIONS. THE CONTRACTOR SHALL MARK THESE DRAWINGS RED FOR ADDITIONS AND GREEN FOR DELETIONS TO INDICATE EXACT, AS INSTALLED CONDITIONS.	
16. CONTRACTOR SHALL VISIT THE SITE OF THE PROPOSED WORK TO UNDERSTAND THE COMPLEXITY, RESTRICTIONS, AND ALL THE REQUIREMENTS TO PERFORM WORK OF THESE DOCUMENTS. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED TO THE SUCCESSFUL BIDDER FOR FAILURE TO BE SO INFORMED.	
17. MAINTAIN FIRE RATING OF WALLS, FLOORS, AND CEILINGS WHEN PERFORMING WORK AND INSTALLING DEVICES, BOXES, ETC. USE FIRE CAULK, "PUTTY PADS," OR OTHER APPROVED AND APPROPRIATE METHODS TO MAINTAIN RATINGS.	

CONDUCTOR SYMBOLS LEGEND	
	HOME RUN WITH PANEL AND CIRCUIT DESIGNATION INDICATED AND NUMBER OF CONDUCTORS SHOWN. CONDUCTORS SHALL BE #12 AWG THROUGHOUT CIRCUIT, UNLESS NOTED OTHERWISE ON THE PLANS OR IN THE SPECIFICATIONS. INDICATED HOMERUN CONDUCTOR SIZE IS BASED ON ESTIMATED DISTANCES TO PANELS FOR LOADS SERVED FOR A MAXIMUM OF 3% VOLTAGE DROP. CONTRACTOR MAY DETERMINE ACTUAL LENGTH OF BRANCH CIRCUITS AND MAY ADJUST BRANCH CIRCUIT CONDUCTOR SIZES ACCORDINGLY TO MAINTAIN A VOLTAGE DROP OF LESS THAN 3% FOR LOADS SERVED. CONTRACTOR SHALL PROVIDE THE VOLTAGE DROP CALCULATIONS TO THE ENGINEER OR RECORD FOR REVIEW PRIOR TO INSTALLATION.
	BRANCH CIRCUIT (CONDUIT AND WIRING) CONCEALED ABOVE CEILING OR IN WALL. BRANCH CONDUCTOR SHALL BE #12 AWG UNLESS NOTED OTHERWISE ON THE PLANS OR IN THE SPECIFICATIONS. BRANCH CONDUCTORS SIZED #10 AWG OR SMALLER SERVING GENERAL PURPOSE RECEPTACLES, LIGHTING LOADS, OR MECHANICAL LOADS SHALL BE SOLID CONDUCTORS.

ELECTRICAL LEGEND	
SYMBOL DESCRIPTION	
LIGHTING	
	2x2 OR 2x4 LED TROFFER
	SURFACE OR RECESSED DOWNLIGHT
	SURFACE, SUSPENDED OR RECESSED UTILITY STRIP FIXTURE
	WALL BRACKET FIXTURE
	WALL/CEILING MOUNTED EXIT SIGN - SHADED AREAS INDICATE FACES - WHEN SHOWN ARROWS INDICATE DIRECTION OF EXIT - BATTERY OR EM. GEN.
	GROUND AND POLE MOUNTED SITE FIXTURES (TYPE DETERMINES MOUNTING)
	PHOTO CELL
LIGHT FIXTURE MODIFIERS	
F1	DESIGNATES FIXTURE TYPE - SEE LIGHTING FIXTURE SCHEDULE
SWITCHES	
	NORMAL SWITCH - TOGGLE
	OCCUPANCY SENSOR - CEILING MOUNT - DUAL TECH. TYPE (PIR & ULTRASONIC)
D	DIMMER
	OCCUPANCY SENSOR - WALL MOUNT - DUAL TECH. TYPE (PIR & ULTRASONIC)
SWITCH MODIFIERS	
3/4 D	THREE/FOUR WAY SWITCH OR DIMMER
M	MOTOR RATED SWITCH WITH THERMAL OVERLOAD
POWER	
	120V. DUPLEX RECEPTACLE WALL / FLOOR MOUNTED
	120V. GROUND FAULT CIRCUIT INTERRUPTER TYPE DUPLEX RECEPTACLE
	120V. QUADRUPLEX RECEPTACLE WALL / FLOOR MOUNTED
	120V. GROUND FAULT CIRCUIT INTERRUPTER TYPE DUPLEX RECEPTACLE ABOVE COUNTER
	SPECIAL PURPOSE RECEPTACLE, VOLTAGE AND MOUNTING HEIGHT VARIES
	120V. FLOOR RECEPTACLE, FLUSH PLATE
	JUNCTION BOX
	TRANSFORMER - KVA AS DENOTED
	SAFETY SWITCH, SIZE NOTED (POLES/FRAME/FUSE/NEMA RATING)
	PANELBOARD - SURFACE MOUNTED
	ELECTRIC MOTOR - HP AS NOTED
RECEPTACLE MODIFIERS	
WP	WEATHERPROOF
IG	ISOLATED GROUND
FIRE ALARM	
	FIRE ALARM VISUAL STROBE NOTIFICATION DEVICE WALL / CEILING MOUNTED
	FIRE ALARM AUDIBLE/VISUAL NOTIFICATION DEVICE WALL / CEILING MOUNTED
	FIRE ALARM PULL STATION
	FIRE ALARM SMOKE DETECTOR
	DUCT SMOKE DETECTOR - SUPPLY OR RETURN AIR DUCT PROVIDE 120 VAC POWER AND INTERCONNECTION TO FACP
	FIRE ALARM HEAT DETECTOR
	FIRE ALARM FLOW & TAMPER SWITCH
	FIRE ALARM CONTROL PANEL
	FIRE ALARM ANNUNCIATOR PANEL
TELEPHONE / DATA / TELEVISION	
	DATA/TELEPHONE OUTLET PROVIDE DUPLEX RJ-45 OUTLET CONFIGURATION
	DUPLEX RJ45 OUTLET FLOOR MOUNTED, FLUSH PLATE
	CABLE TV OUTLET WITH PLATE
	SPEAKER CEILING MOUNT
SPECIAL SYSTEMS	
	BUZZER / CALL BUTTON
	CARD READER
	ELECTRIC DOOR STRIKE
	EGRESS MOTION DETECTOR
	REQUEST TO EXIT BUTTON
	REMOTE RELEASE BUTTON
	DURESS BUTTON
	CAMERA

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demsy@workshopwddl.com

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CONTRACT # 2023-07-0000000000000000



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ELECTRICAL NOTES AND LEGENDS

EOOO

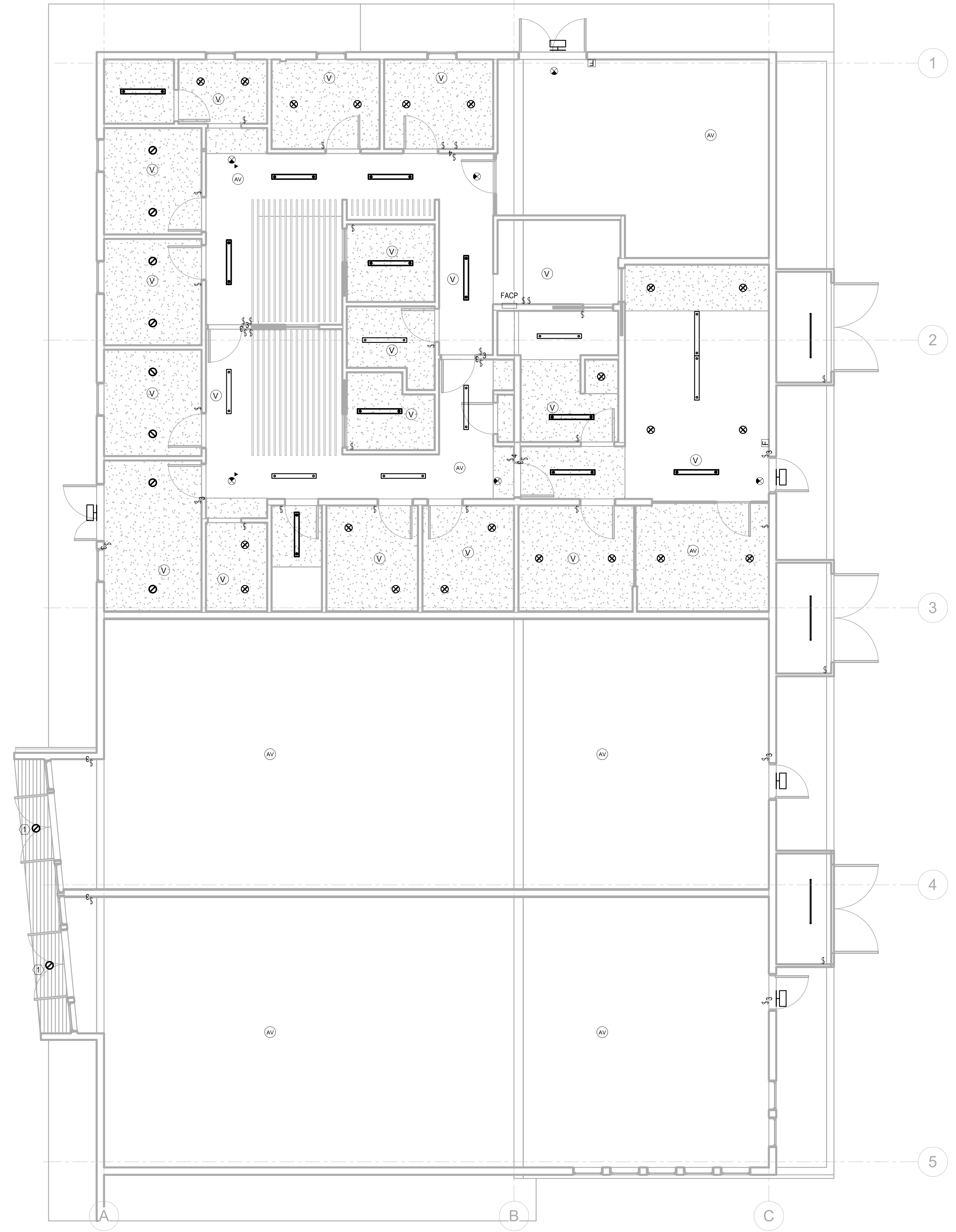
GENERAL PLAN NOTES:

- A. THESE PLANS ARE DIAGNOSTIC IN NATURE. THE EXACT LOCATION OF DEVICES AND EQUIPMENT MAY DEVIATE FROM THE LOCATION INDICATED ON THESE DRAWINGS. THE CONTRACTOR SHALL BE PREPARED TO MAKE SOME ALTERATIONS TO NEW SERVICES TO FIT ACTUAL JOB CONDITIONS.
- B. IF THE CONTRACTOR DOES NOT CLEARLY UNDERSTAND THESE PLANS, OR IS NOT SURE OF THEIR MEANING, HE SHOULD OBTAIN THE ENGINEER'S WRITTEN EXPLANATION AND INTERPRETATION PRIOR TO SUBMITTING HIS BID. THE CONTRACTOR WILL BE HELD RIGIDLY TO THE INTERPRETATION OF THE ENGINEER.
- C. ALL ELBOWS, FITTINGS, ETC. IN ELECTRICAL ARE NOT NECESSARILY INDICATED TO CLEAR ALL OBSTRUCTIONS.
- D. BECAUSE OF LIMITED SPACE AVAILABLE TO INSTALL THE ELECTRICAL WORK, COORDINATION BETWEEN THE VARIOUS TRADES IS OF THE UTMOST IMPORTANCE.
- E. UNLABELED WIRE OR CIRCUIT NUMBERS SHALL USE 3/4" - 2#12, #12GND.
- F. ALL LIGHTING FIXTURES AND SWITCHES TO BE U.N.O DIMMABLE TYPE.
- G. CONTRACTOR SHALL REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONED LIGHTING AND DEVICE LOCATIONS WHERE APPLICABLE.



KEYED PLAN NOTES:

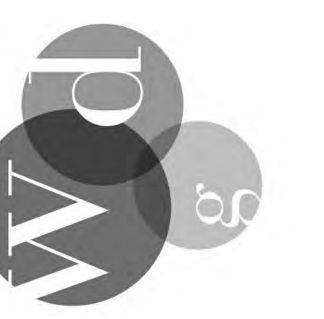
- 1 CONTRACTOR SHALL RUN POWER CIRCUIT FOR CANOPY LIGHT TO PANEL LF-1 VALOR. COORDINATE TIMER SETTINGS WITH OWNER PRIOR TO OCCUPANCY.



1 LIGHTING PLAN - LEVEL 1
 E201 3/16" = 1'-0"

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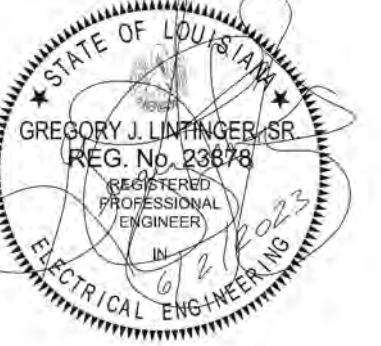
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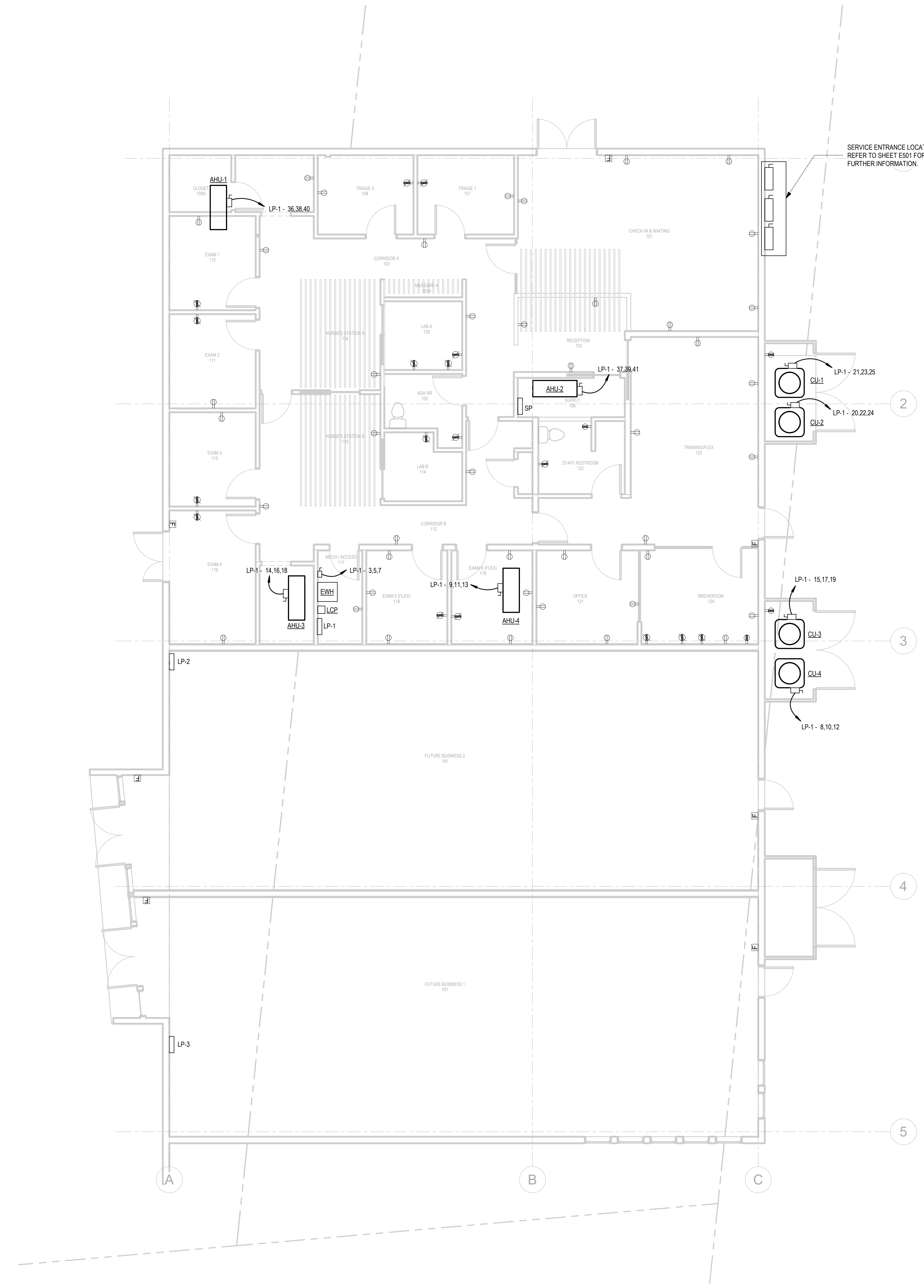
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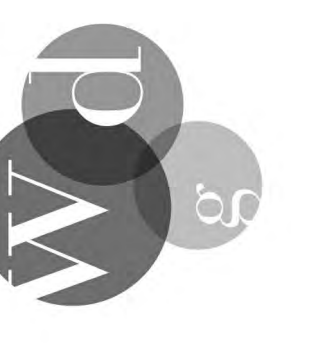
1 ---



1 POWER PLAN - LEVEL 1
 E301 3/16" = 1'-0"

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POWER PLAN

E301

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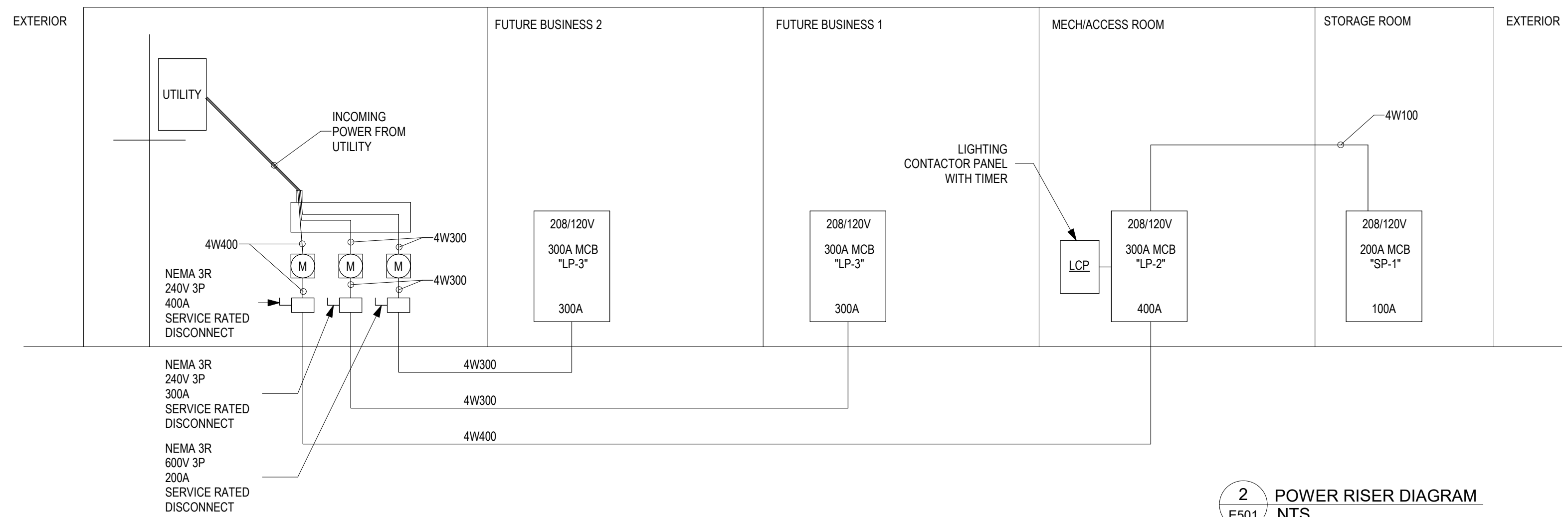


Branch Panel: LP-1											
Location: MECH./ACCESS 117				Volts: 120/208 Wye				A.I.C. Rating: 10,000			
Supply From:				Phases: 3				Mains Type:			
Mounting: Surface				Wires: 4				Mains Rating: 400 A			
Enclosure: Type 1								MCB Rating: 400 A			
Notes:											
CKT	Load Name	Trip	Poles	A	B	C	Poles	Trip	Load Name	CKT	
1	Receptacle	20 A	1	1260 VA	1260 VA			3	20 A	SP	
3	EWH	45 A	3		5000 VA	900 VA				4	
5				5000 VA	0 VA					6	
7						5000 VA	1080 VA			8	
9	AHU-4	20 A	3		6667 VA	0 VA				10	
11				6667 VA	6667 VA					12	
13						6667 VA	0 VA			14	
15	CU-3	45 A	3		0 VA	6667 VA				16	
17				0 VA	0 VA	0 VA	6667 VA			18	
19					0 VA	0 VA		3	45 A	CU-2	
21	CU-1	45 A	3		0 VA	0 VA				22	
23				0 VA	1260 VA					24	
25								1	20 A	Receptacle	
27	Kitchen Equipment -	20 A	1		1800 VA	540 VA		1	20 A	Receptacle	
29	EXTERIOR RECEPTACLES	20 A	1		900 VA	180 VA		1	20 A	Receptacle	
31	Receptacle	20 A	1		180 VA	180 VA		1	20 A	Receptacle	
33	Receptacle	20 A	1					1	20 A	Receptacle	
35	Receptacle	20 A	1					3	125 A	AHU-1	
37	AHU-2	100 A	3		6667 VA	8333 VA				38	
39					6667 VA	8333 VA				40	
41						6667 VA				42	
Total Load:				38194 VA	36734 VA	36034 VA			Connected Demand	110.96 KVA	
Total Amps:				319 A	307 A	300 A				80.53 KVA	

Branch Panel: SP											
Location: SUPPLY 106				Volts: 120/208 Wye				A.I.C. Rating: 10,000			
Supply From: LP-1				Phases: 3				Mains Type:			
Mounting: Surface				Wires: 4				Mains Rating: 100 A			
Enclosure: Type 1								MCB Rating: 225 A			
Notes:											
CKT	Load Name	Trip	Poles	A	B	C	Poles	Trip	Load Name	CKT	
1				1260 VA				1	20 A	Receptacle	
3					900 VA			1	20 A	Receptacle	
5						1080 VA		1	20 A	Receptacle	
7										8	
9										10	
11										12	
13										14	
15										16	
17										18	
19										20	
21										22	
23										24	
25										26	
27										28	
29										30	
Total Load:				1260 VA	900 VA	1080 VA			Connected Demand	3.24 KVA	
Total Amps:				11 A	8 A	9 A				3.24 KVA	

FEEDER SCHEDULE			
3WIRE FEEDER DESIGNATION	CONDUCTORS 3PHASES + GROUND	4WIRE FEEDER DESIGNATION	CONDUCTORS 3PHASES + NEUTRAL + GROUND
3W20	3#12 + #12G-3/4"C.	4W20	4#12 + #12G-3/4"C.
3W30	3#10 + #10G-3/4"C.	4W30	4#10 + #10G-3/4"C.
3W50	3#8 + #10G-3/4"C.	4W50	4#8 + #10G-3/4"C.
3W60	3#8 + #10G-1"C.	4W60	4#8 + #10G-1"C.
3W80	3#4 + #8G-1 1/4"C.	4W80	4#4 + #8G-1 1/4"C.
3W100	3#2 + #8G-1 1/4"C.	4W100	4#2 + #8G-1 1/4"C.
3W125	3#1 + #6G-1 1/2"C.	4W125	4#1 + #6G-1 1/2"C.
3W150	3#10 + #6G-2"C.	4W150	4#10 + #6G-2"C.
3W175	3#20 + #6G-2"C.	4W175	4#20 + #6G-2"C.
3W200	3#30 + #6G-2"C.	4W200	4#30 + #6G-2"C.
3W225	3#40 + #4G-2"C.	4W225	4#40 + #4G-2"C.
3W250	3#250KCMIL + #4G-2 1/2"C.	4W250	4#250KCMIL + #4G-2 1/2"C.
3W300	3#350KCMIL + #3G-3"C.	4W300	4#350KCMIL + #3G-3"C.
3W350	3#500KCMIL + #3G-4"C.	4W350	4#500KCMIL + #3G-4"C.
3W400	2 SETS 3#30 + #2G-2"C.	4W400	2 SETS 4#30 + #2G-2"C.
3W500	2SETS 3#250KCMIL + #1G-2 1/2"C.	4W500	2SETS 4#250KCMIL + #1G-2 1/2"C.
3W600	2SETS 3#350KCMIL + #10G-3"C.	4W600	2SETS 4#350KCMIL + #10G-3"C.

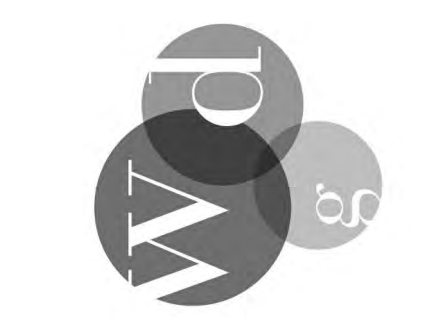
- FEEDER NOTES
- TYPE THW/THHN INSULATED COPPER CONDUCTORS BASED ON 75DEGREE C TEMPERATURE RATING IN RIGID METAL CONDUIT.
 - DRY INTERIOR LOCATIONS EMT WITH STEEL COMPRESSION FITTINGS.
 - WET EXTERIOR LOCATIONS RGS WITH CAST FITTINGS.
 - UNDERGROUND INSTALLATION WITH SCHEDULE 40 PVC.



2 POWER RISER DIAGRAM
 E501 NTS

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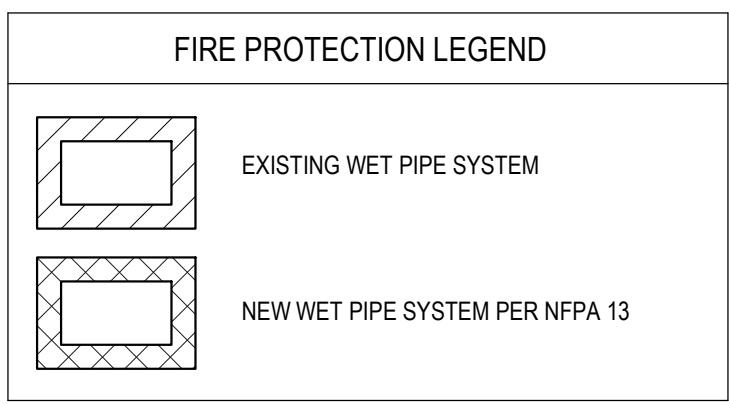


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ONE LINE DIAGRAM

E501



KEYED PLAN NOTES:

① KEYED NOTES.

GENERAL FIRE PROTECTION NOTES:

- A. ALL WORK SHALL COMPLY WITH THE LATEST STATE AND CITY CODES INCLUDING BUT NOT LIMITED TO THE FOLLOWING:
 1. INTERNATIONAL BUILDING CODE
 2. NFPA 13 STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS
 3. NFPA 70 NATIONAL ELECTRICAL CODE
 4. NFPA 72 NATIONAL FIRE ALARM AND SIGNALING CODE
 6. THE CONTRACT DOCUMENTS
 7. ALL REQUIREMENTS OF THE STATE FIRE MARSHAL
 8. INSURING AGENCY
 9. ALL OTHER AUTHORITIES HAVING JURISDICTION ALL OTHER REQUIREMENTS OF THE AUTHORITIES HAVING JURISDICTION.
- B. WORK SHALL BE PERFORMED BY A LICENSED SPRINKLER CONTRACTOR. CONTRACTOR SHALL DESIGN, FURNISH AND INSTALL A 100% HYDRAULICALLY CALCULATED, FULLY OPERATIONAL SPRINKLER SYSTEM.
- C. CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH THE PROJECT SCOPE AND CONSTRAINTS, UTILITY CONNECTIONS, AND ALL BUILDING SERVICES, PRIOR TO SUBMITTING BID.
- D. DETAILS ILLUSTRATED ON THE DRAWINGS SHALL BE APPLIED IN ALL CASES WHERE THE FEATURE OCCURS IN THE SYSTEM DESIGN.
- E. CONTRACTOR SHALL COORDINATE WITH ARCHITECT PRIOR TO CUTTING ANY OPENING IN THE STRUCTURE.
- F. ALL PENETRATIONS THROUGH RATED WALLS, FLOORS, AND PARTITIONS MUST BE INSTALLED AND FIRESAFED TO MEET UL FIRE RESISTANCE LISTING DETAILS FOR THE PENETRATION.
- G. DRAWINGS ARE SCHEMATIC IN NATURE AND SHALL NOT BE SCALED. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING EXACT ROUTING OF ALL SERVICES WITH SITE CONDITIONS AND WITH WORK OF ALL OTHER TRADES.
- H. CONTRACTOR SHALL SECURE AND PAY FOR ALL REQUIRED STATE AND LOCAL PERMITS.
- I. CONTRACTOR SHALL ADJUST AND COORDINATE LAYOUT OF SPRINKLER HEADS AND ROUTING OF SPRINKLER PIPING WITH STRUCTURE AND WORK OF ALL DISCIPLINES FOR COMPLETE COMPLIANCE WITH REQUIREMENTS OF NFPA 13 AND THE REQUIREMENTS OF THE AUTHORITIES HAVING JURISDICTION. NO ADDITIONAL COMPENSATION SHALL BE GIVEN FOR REQUIRED CHANGES IN LAYOUT OR NUMBER OF HEADS.
- J. ADJUSTMENTS WILL LIKELY BE REQUIRED FOR MECHANICAL LAYOUTS DUE TO EXISTING UTILITIES. CONTRACTOR SHALL MAKE THESE ADJUSTMENTS AT NO ADDITIONAL COST.
- K. DO NOT LOCATE PIPE JOINTS OVER ELECTRICAL EQUIPMENT.
- L. SYSTEM SHALL INCLUDE ALL REQUIRED FLOW, TAMPER, AND PRESSURE SWITCHES, INCLUDING WIRING TO BUILDING FIRE ALARM SYSTEM.
- M. ALL SPRINKLER HEAD LOCATIONS SHALL BE COORDINATED WITH ARCHITECTURAL REFLECTED CEILING PLANS.
- N. ALL SPRINKLER HEADS SHALL BE CENTERED IN CEILING TILES IN BOTH DIRECTIONS.
- O. ALL SPRINKLER PIPING SHALL BE CONCEALED ABOVE CEILINGS, WHERE CEILINGS ARE INSTALLED.
- P. SPRINKLER LAYOUT IS SHOWN TO ILLUSTRATE GENERAL INTENT. FIRE PROTECTION CONTRACTOR SHALL REVISE SPRINKLER HEAD LAYOUT AS REQUIRED TO MEET ALL APPLICABLE CODES AND AUTHORITIES HAVING JURISDICTION.
- Q. ALL SPRINKLER HEADS TO BE CONCEALED, UNLESS OTHERWISE NOTED.
- R. ALL AREAS SHALL BE AN ORDINARY HAZARD 1 AND PROTECTED BY A WET-PIPE SYSTEM, UNLESS OTHERWISE NOTED.
- S. THESE PLANS ARE DIAGRAMMATIC IN NATURE. THE EXACT LOCATION OF DEVICES AND EQUIPMENT MAY DEVIATE FROM THE LOCATION INDICATED ON THESE DRAWINGS. THE CONTRACTOR SHALL BE PREPARED TO MAKE ANY AND ALL ALTERATIONS REQUIRED TO COORDINATE THE BUILDING SYSTEMS WITH OTHER TRADES AND ACTUAL JOB CONDITIONS.
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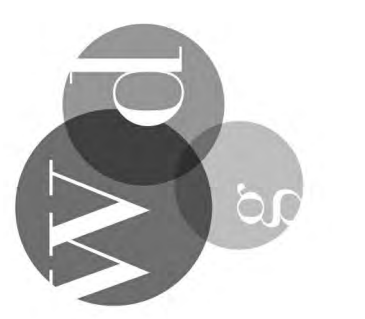
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FIRE PROTECTION
PLAN - LEVEL 1

FP101

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