

ACCESSIBILITY NOTES

DOOR CLEARANCE NOTES
 ALCOVES SHALL COMPLY WITH THE CLEARANCES FOR FRONT APPROACHES, 3/6/102 - 3K/6/102.
 DOOR HARDWARE SHALL BE LEVER TYPE.
 MAX DOOR OPENING FORCE:
 INTERIOR HINGED DOORS: 5 LBF
 EXTERIOR HINGED DOORS: 0.5 LBF
 SLIDING OR FOLDING DOORS: 5 LBF
 FIRE DOORS SHALL HAVE THE MINIMUM OPENING FORCE ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY.
 HARDWARE REQUIRED FOR ACCESSIBLE DOOR PASSAGE SHALL BE MOUNTED NO HIGHER THAN 48" AND NOT LESS THAN 34" ABOVE FINISHED FLOOR.
 THE FLOOR OR GROUND AREA WITHIN THE REQUIRED CLEARANCES SHALL BE LEVEL AND CLEAR.
 THRESHOLDS AT DOORWAYS SHALL NOT EXCEED 3/4" IN HEIGHT FOR EXTERIOR SLIDING DOORS OR 1/2" FOR OTHER TYPES OF DOORS. RAISED THRESHOLDS AND FLOOR LEVEL CHANGES AT ACCESSIBLE DOORWAYS SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2.
 DOORWAYS SHALL HAVE A MINIMUM CLEAR OPENING OF 32" WITH THE DOOR OPEN 90° MEASURED BETWEEN THE FACE OF THE DOOR AND THE OPPOSITE STOP. OPENINGS MORE THAN 24" IN DEPTH SHALL MAINTAIN 32" MIN CLEARANCE.
RAMP NOTES
 THE CLEAR SPACE BETWEEN THE HANDRAIL AND THE WALL SHALL BE MIN 1-1/2" CLEAR.
 GRIPPING SURFACES SHALL BE CONTINUOUS AND UNOBSTRUCTED. ENDS OF HANDRAILS SHALL BE EITHER ROUNDED OR RETURNED SMOOTHLY TO FLOOR, WALL, OR POST.
 HANDRAILS SHALL NOT ROTATE WITHIN THEIR FITTINGS.
 THE CROSS SLOPE OF RAMP SURFACES SHALL BE NO GREATER THAN 1:50. OUTDOOR RAMPS AND THEIR APPROACHES SHALL BE DESIGNED SO THAT WATER WILL NOT ACCUMULATE ON WALKING SURFACES.
 RAMPS AND LANDINGS WITH DROP-OFFS SHALL HAVE CURBS, WALLS, RAILINGS, OR PROJECTING SURFACES THAT PREVENT PEOPLE FROM SLIPPING OFF THE RAMP. CURBS SHALL BE A MINIMUM OF 2" HIGH.
 HANDRAILS SHALL BE PROVIDED ALONG BOTH SIDES OF RAMP SEGMENTS. THE INSIDE HANDRAIL ON SWITCHBACK OR DOGLEG RAMPS SHALL ALWAYS BE CONTINUOUS.
 RAMP LANDINGS SHALL BE AT LEAST AS WIDE AS THE RAMP RUN LEADING TO IT.

GENERAL SITE ACCESSIBILITY NOTES

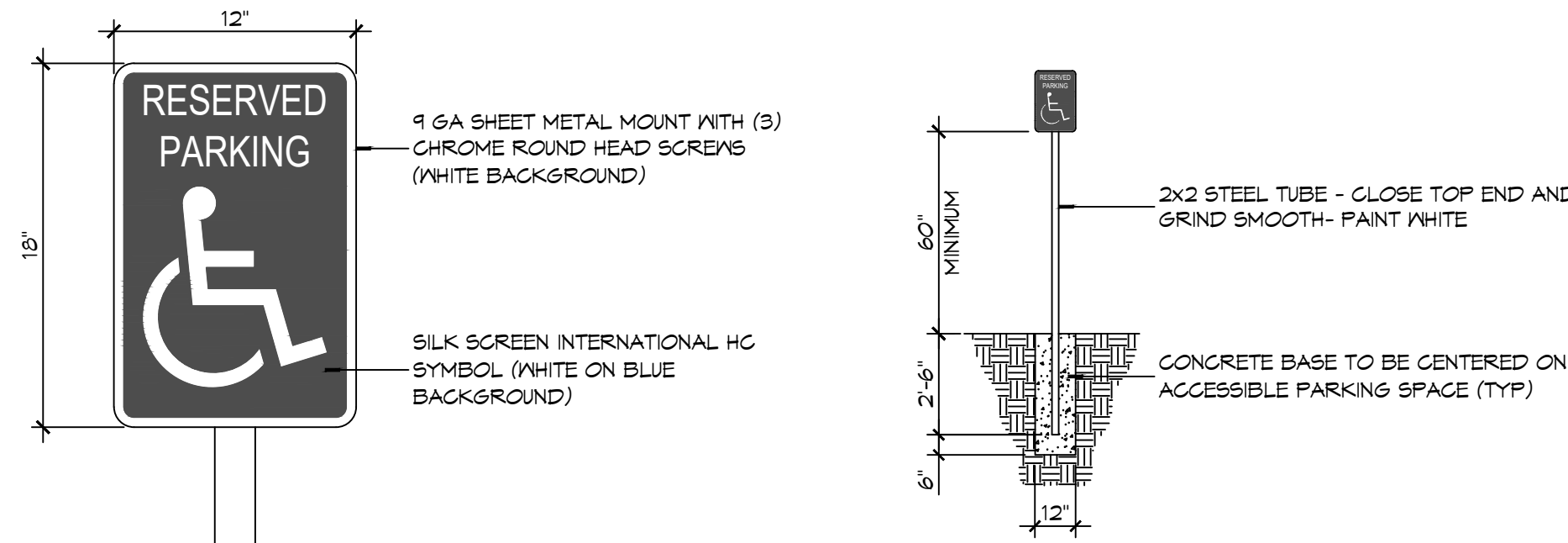
1. ACCESSIBILITY SIGNAGE SHALL COMPLY WITH ADAAG 2010 GUIDELINES SECTION 103.7.
2. SEE SHEET 6003 FOR ACCESSIBLE RAMP AND HANDRAIL DESIGNS WHERE THEY OCCUR.
3. ALL ACCESSIBLE PARKING SPACES AND AISLES THAT SERVE THEM SHALL COMPLY WITH ADAAG 2010 GUIDELINES SECTIONS 502.4 AND 502.5.
4. OPENINGS IN GROUND SURFACES SHALL COMPLY WITH ADAAG 2010 GUIDELINES SECTION 302.3.
5. VERTICAL CHANGES IN ELEVATION ALONG ALL ACCESSIBLE ROUTES SHALL COMPLY WITH ADAAG 2010 GUIDELINES SECTIONS 303.2, 303.3, AND 303.4.
6. PARKING SPACES DESIGNATED AS ACCESSIBLE SHALL INCLUDE THE INTERNATIONAL SYMBOL OF ACCESSIBILITY COMPLYING WITH ADAAG 2010 GUIDELINES SECTIONS 103.1.2.1 AND 502.6.
7. ALL ACCESSIBLE PARKING SPACES AND ROUTES SERVING THEM SHALL HAVE A ROUGH, SLIP-RESISTANT SURFACE OR LIGHT BROOM FINISH IN COMPLIANCE WITH ADAAG 2010 GUIDELINES SECTION 302.1.

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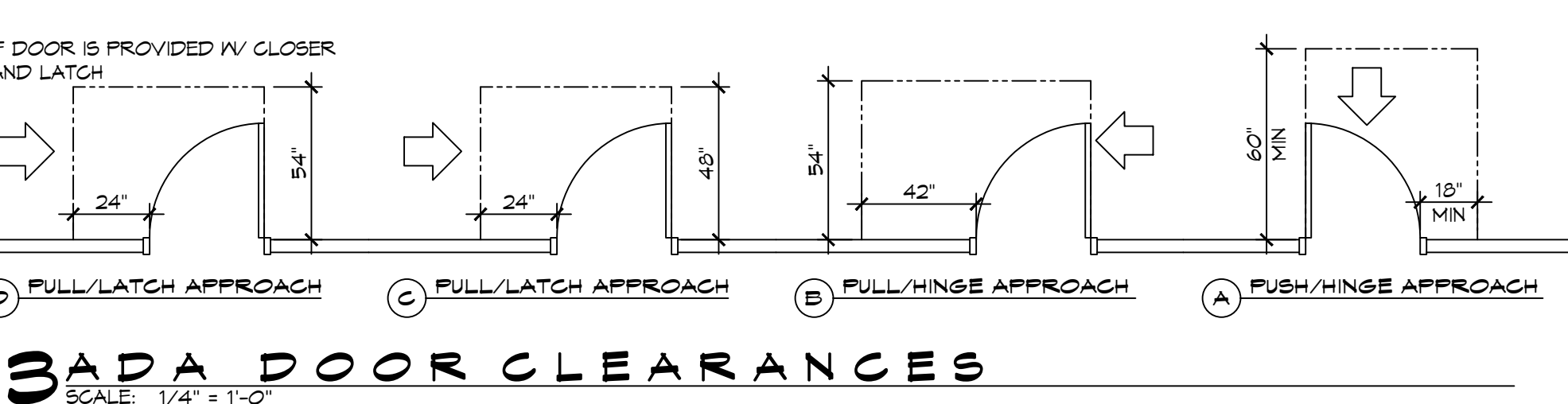
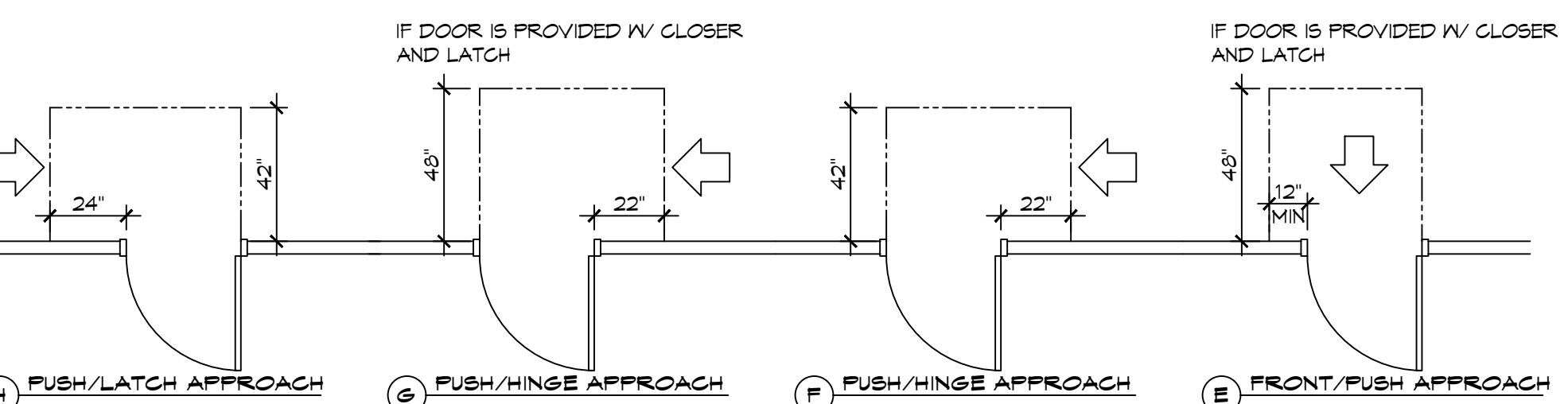
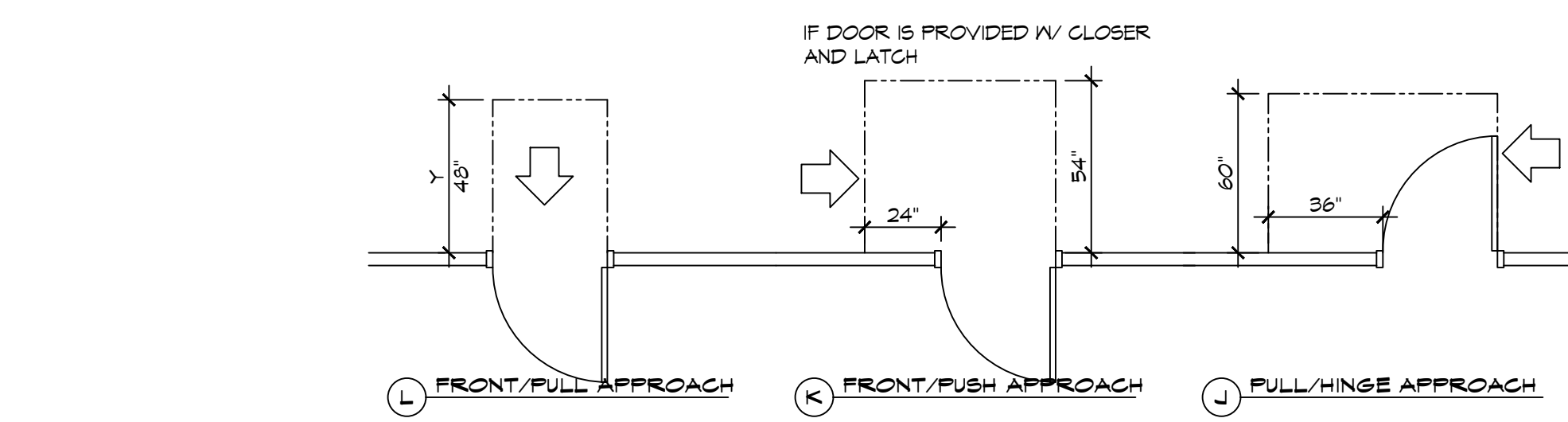
NO.	DATE	DESCRIPTION

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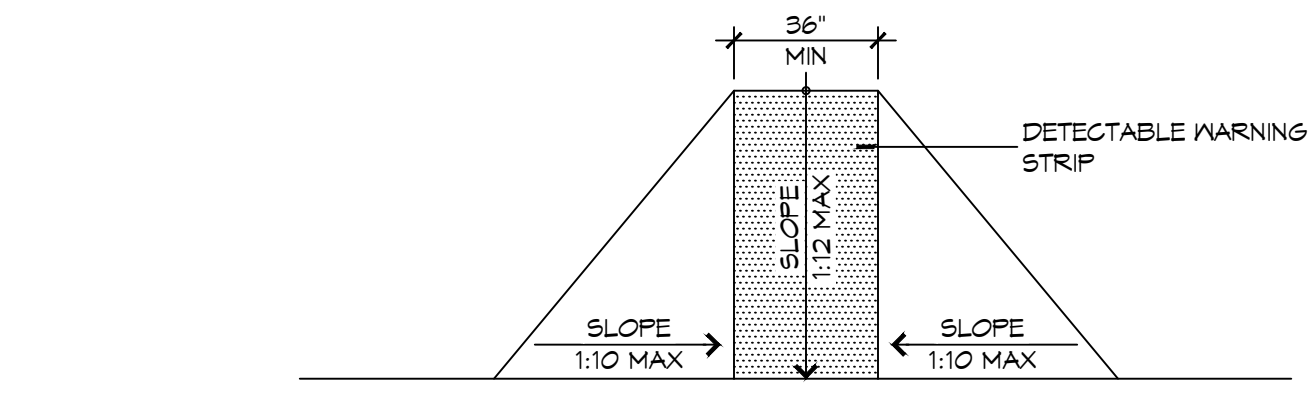
NEW ADDITION HONTAS MOB
 11211 LA HWY 21, #0488
 COVINGTON, LA 70438
 JOB No: 2443 DATE: 10-30-2021
 DRAWN BY: DPD CHECKED BY: GKD
 SHEET TITLE: ACCESSIBILITY INFORMATION
 DRAWING NUMBER:
G102
 SHEET No: 2 of 16



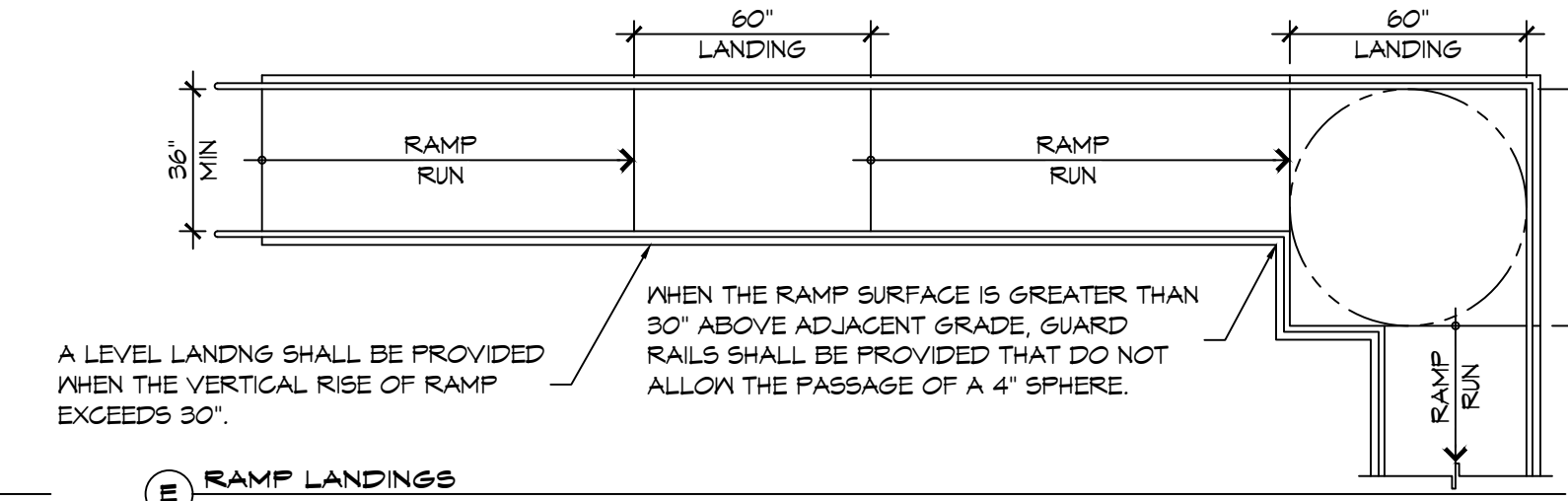
5 ACCESSIBLE SIGN
 SCALE: NTS



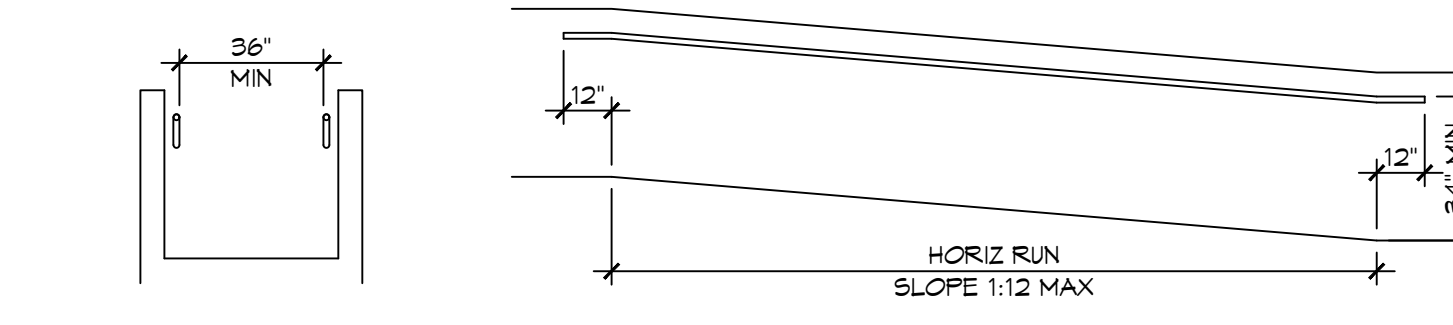
3 ADA DOOR CLEARANCES
 SCALE: 1/4" = 1'-0"



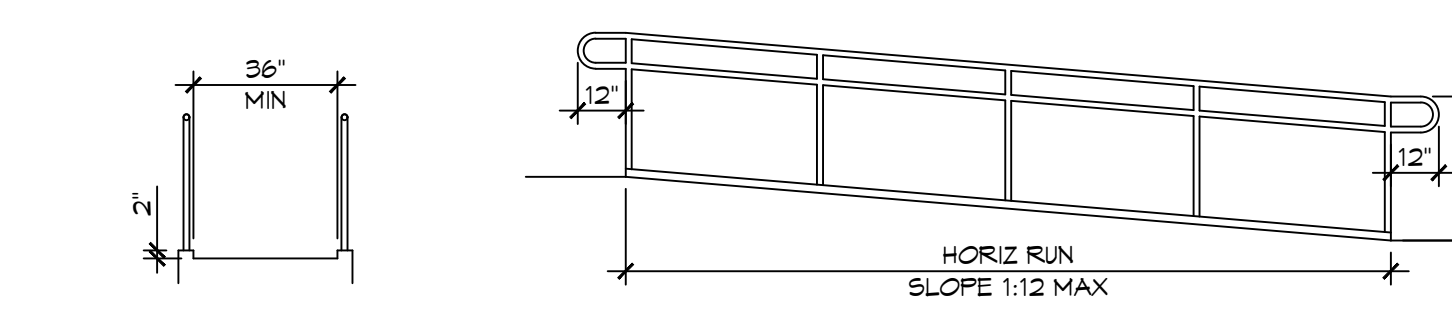
F FLARED RAMPS



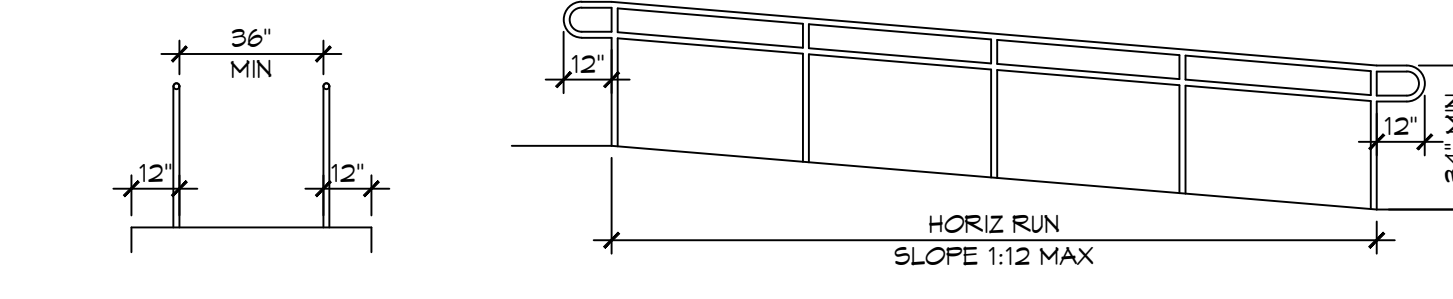
E RAMP LANDINGS



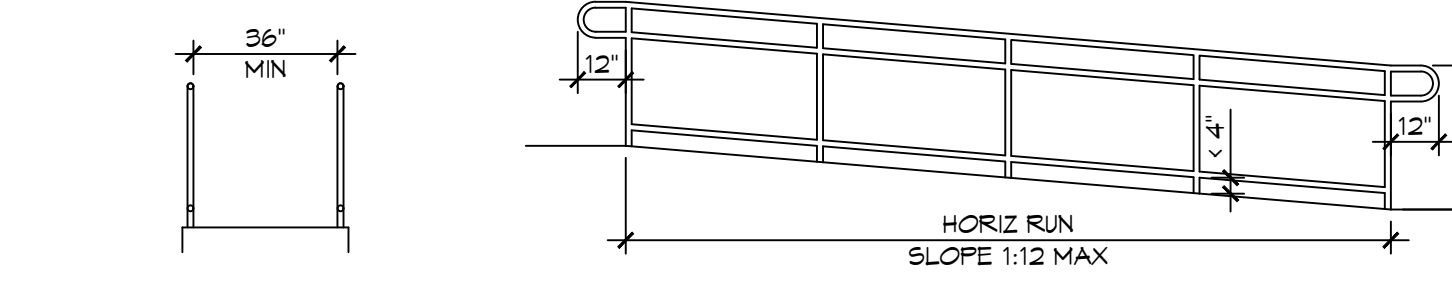
D WALL EDGE PROTECTION



C CURB EDGE PROTECTION

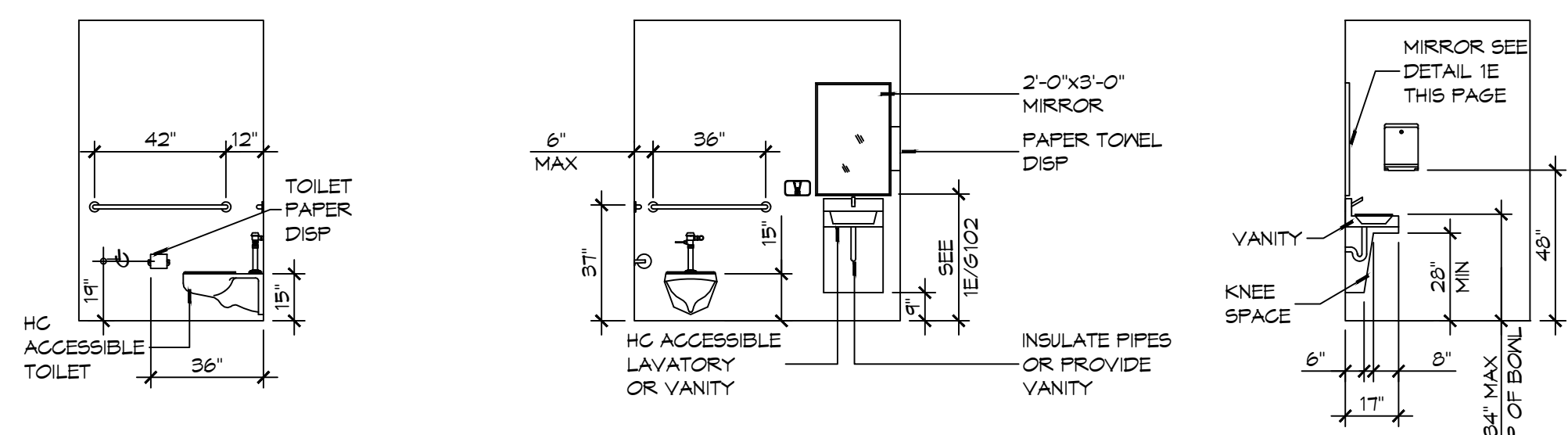


B EXTENDED SURFACE EDGE PROTECTION

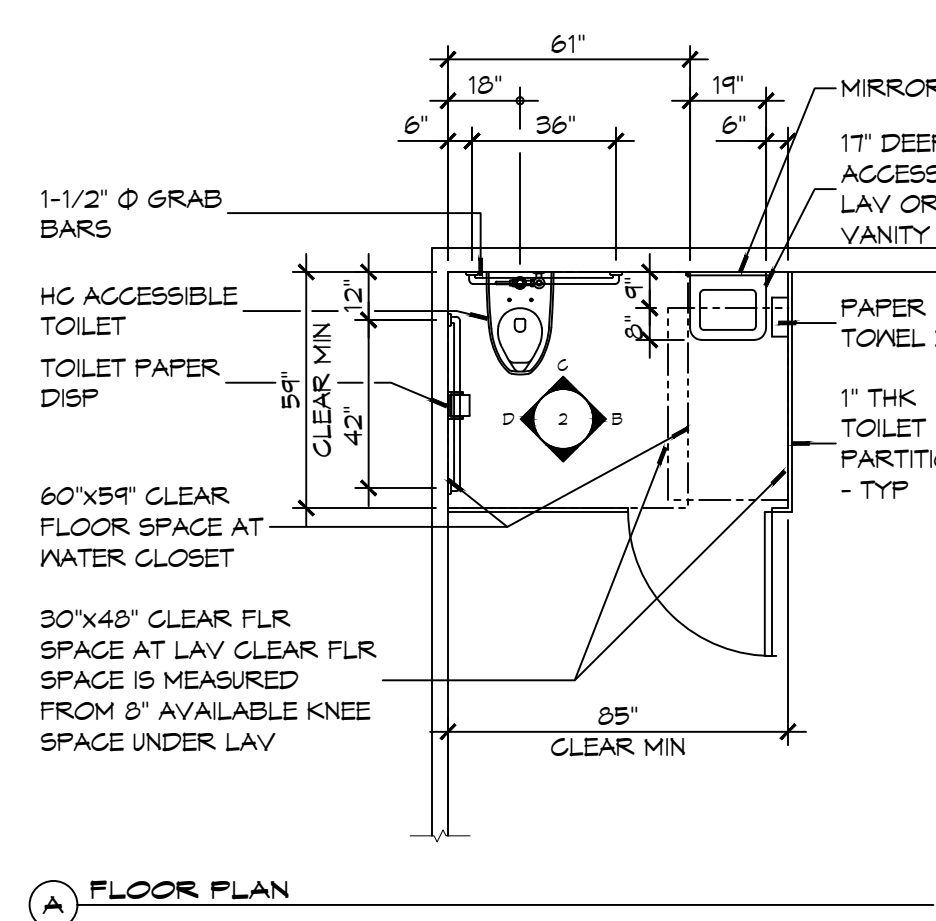


A BARRIER EDGE PROTECTION

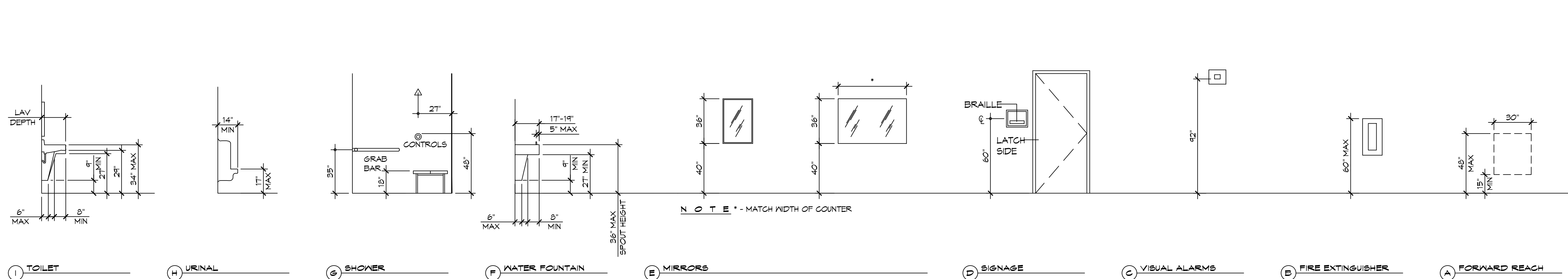
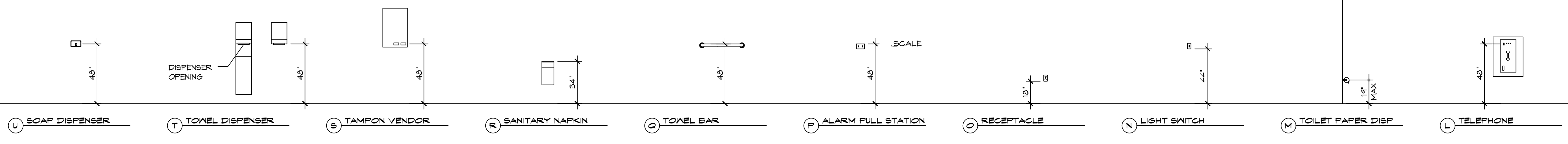
4 ACCESSIBLE RAMPS
 SCALE: 1/4" = 1'-0"



2 RESTROOM CLEARANCES
 SCALE: 1/4" = 1'-0"



A FLOOR PLAN



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

FILE NAME: A:\Projects - Mobile - 2020\1244 - 1244.dwg - 1244.dwg
 PLOT DATE: 10/30/2021 10:30:21
 PLOT SCALE: 1/8" = 1'-0"
 PLOT SHEET: 1 OF 16
 PLOT AREA: 11.00 x 11.00
 PLOT ORIGIN: 11.00, 11.00
 PLOT UNIT: INCHES
 PLOT PAPER: ARCH D
 PLOT PLOTTER: HP DesignJet T1100

TREE & STUMP REMOVAL NOTES:

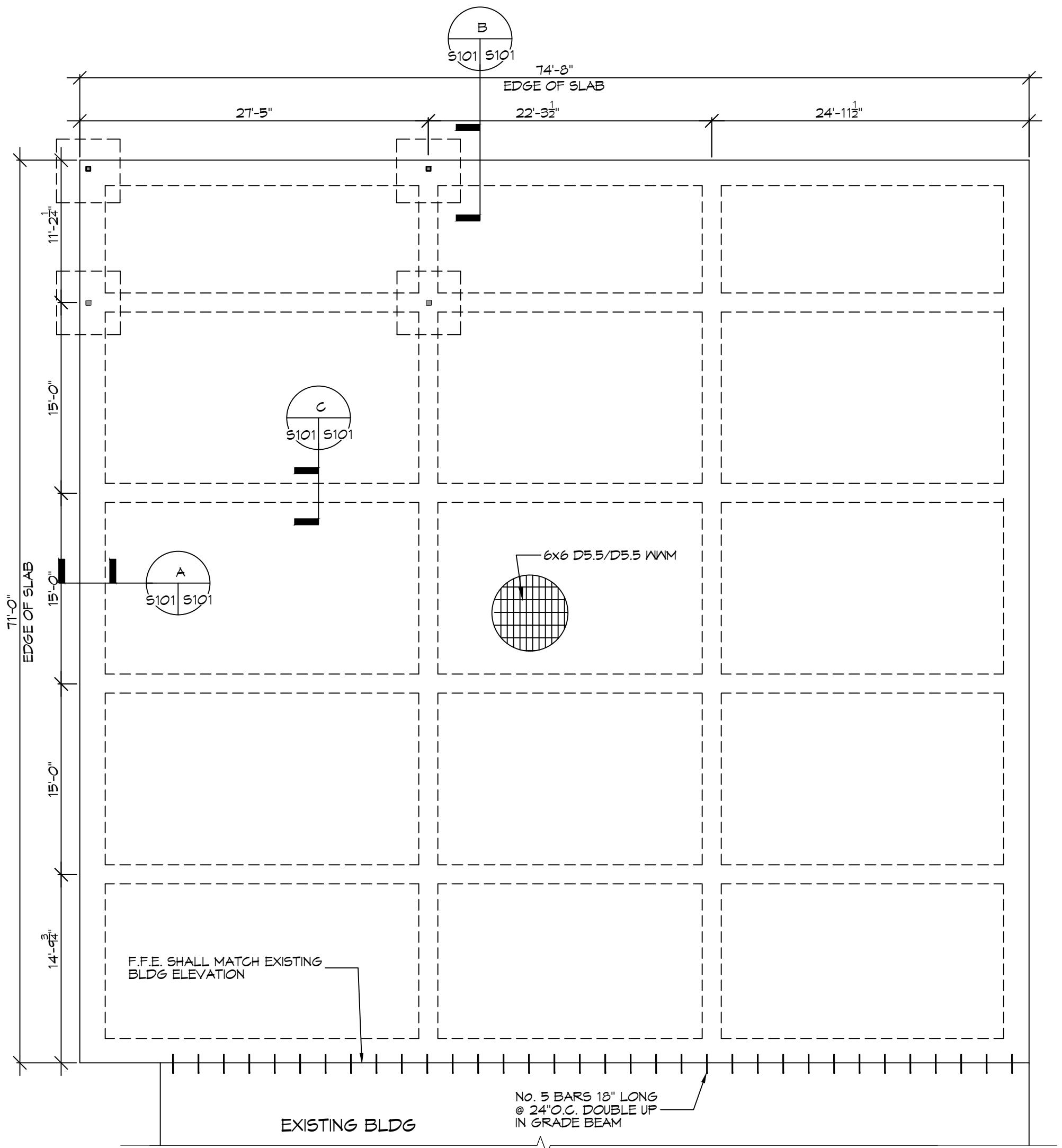
- GENERAL CONTRACTOR IS TO HIRE A LICENSED SUB-CONTRACTOR TO REMOVE EXISTING TREES. THIS SUB-CONTRACTOR SHALL FURNISH ALL LABOR, SUPERVISION, SUPPLIES, TOOLS, EQUIPMENT AND OTHER MEANS NECESSARY FOR PERFORMING AND COMPLETING THE WORK.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT LOUISIANA ONE CALL TO ENSURE THERE ARE NO UTILITIES IN THE AREA(S) WHERE TREES ARE TO BE REMOVED.
- CONTRACTOR SHALL PROTECT ANY EXISTING FENCE, SIDEWALK, CURB, STREETS, MANHOLE COVERS AND CATCH BASINS NOT SHOWN ON THESE PLANS FOR REMOVAL.
- CONTRACTOR SHALL BE RESPONSIBLE TO REMOVE ALL DEBRIS FROM TREE REMOVAL OPERATIONS WITHIN TWENTY-FOUR (24) HOURS AFTER DEBRIS HAS BEEN PLACED. NO CITY OR PARISH PROPERTY WILL BE DESIGNATED AS LOG STORAGE AREAS. ADDITIONALLY, NO DEBRIS OR LOGS SHALL BE GIVEN TO RESIDENTS. UNDER NO CIRCUMSTANCE SHALL DEBRIS BE LEFT ON THE SIDE OF THE STREET OVER WEEKENDS OR HOLIDAYS.
- CONTRACTOR SHALL REMOVE ALL TREE STUMPS AND BUTTRESS ROOTS TO A POINT THIRTY SIX (36") INCHES BELOW ADJACENT GROUND LEVEL. THE CONTRACTOR SHALL REMOVE ALL SURFACE AND ADJACENT SUBSURFACE ROOTS AS MAY BE NECESSARY TO ELIMINATE "HUMPS" OR MOUNDS IN THE AREA.
- CONTRACTOR SHALL CLEANUP JOB SITE AND REMOVE ALL ASSOCIATED DEBRIS USED IN GRINDING (REMOVAL) OF TREE STUMPS WITHIN TWENTY-FOUR (24) HOURS OF COMPLETION OF GRINDING.
- THE GENERAL CONTRACTOR SHALL BACKFILL THESE HOLES.
- CONTRACTOR SHALL WARRANTY WORK AGAINST SUCKER GROWTH FOR A PERIOD OF ONE (1) YEAR.

GENERAL SITE PREP NOTES

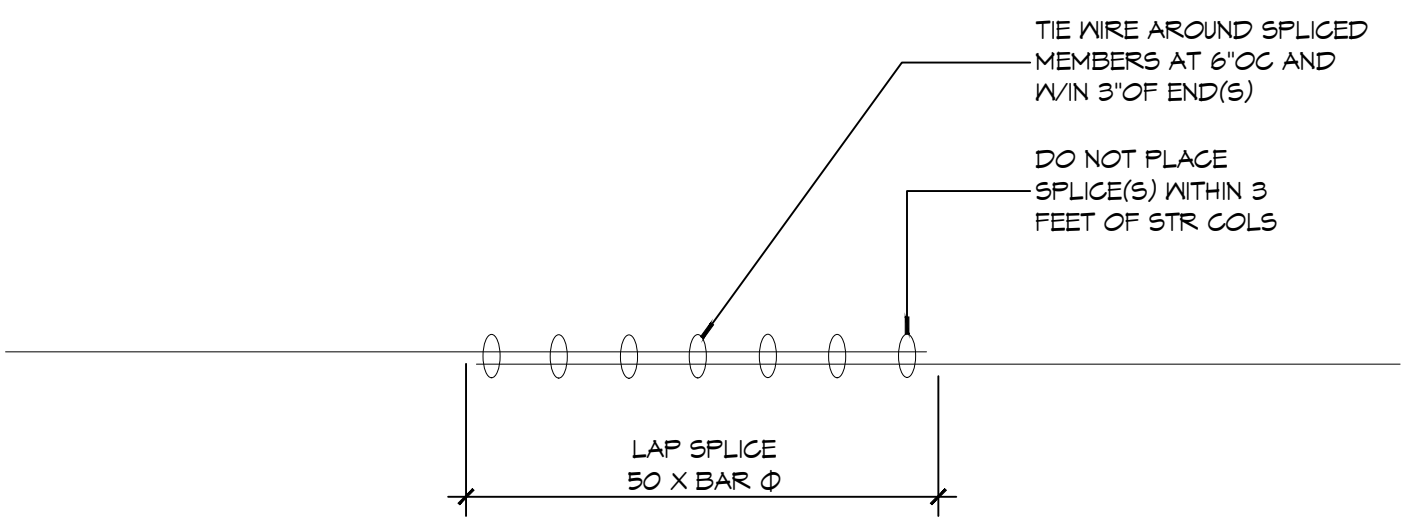
- THE GC SHALL EMPLOY A GEOTECHNICAL ENGINEER TO MONITOR SITE CONDITIONS DURING THE PREP WORK OF THE SITE FOUNDATION. REMOVE EXISTING NEAR SURFACE TOPSOIL WITH ORGANICS AND OTHER DELETERIOUS MATERIALS, APPROXIMATELY 8 TO 10 INCHES HOWEVER THE ACTUAL STRIPPING DEPTH SHALL BE DETERMINED BY A GEOTECHNICAL ENGINEER. THE EXPOSED SUBGRADE IN THE BUILDING AND PARKING AREAS SHALL BE PROOF-ROLLED WITH A RUBBER Tired VEHICLE WEIGHING ABOUT 20 TONS; PROOF-ROLLING SHALL BE MONITORED BY A GEOTECHNICAL ENGINEER. ANY SOILS WHICH ARE OBSERVED TO RUT OR DEFLECT EXCESSIVELY UNDER THE MOVING LOAD SHOULD BE UNDERCUT AND REPLACED WITH COMPACTED STRUCTURAL FILL.
- THE STRUCTURAL FILL SHALL BE SELECT GRANULAR MATERIAL AND SHALL BE PLACED IN MAXIMUM LIFTS OF EIGHT (8) INCHES OF LOOSE MATERIAL, COMPACTED WITHIN THE RANGE OF ONE (1) PERCENTAGE POINT BELOW TO THREE (3) PERCENTAGE POINTS ABOVE THE OPTIMUM MOISTURE CONTENT VALUE. IF WATER MUST BE ADDED, IT SHALL BE UNIFORMLY APPLIED AND THOROUGHLY MIXED INTO THE SOIL BY DISKING OR SCARIFYING. EACH LIFT OF COMPACTED STRUCTURAL FILL SHALL BE TESTED BY A REPRESENTATIVE OF THE GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT OF SUBSEQUENT LIFTS. IN-PLACE DENSITY MEASUREMENTS SHALL BE TAKEN TO ASSURE THAT THE ABOVE DEGREE OF COMPACTION IS ACHIEVED. THE COMPACTED STRUCTURAL FILL SHALL EXTEND FIVE (5) FEET BEYOND THE PERIMETER OF THE BUILDING PRIOR TO SLOPING.
- ALL RUNOFF WATER MUST BE CARRIED AWAY FROM THE SLAB TO PREVENT SATURATION OF THE SUB-BASE.
- ALL TREES WITHIN CLOSE PROXIMITY SHALL BE REMOVED TO PREVENT THE ROOTS FROM EXTENDING UNDER THE SLAB.
- PROVIDE AND MAINTAIN IMMEDIATE SITE DRAINAGE BEFORE, DURING, AND AFTER CONSTRUCTION. PROVIDE GRADINS, SWELLS, AND SUMP PUMPS AS MAY BE REQUIRED TO IMMEDIATELY DRAIN ALL RAINWATER FROM THE CONSTRUCTION AREA. FOOTING EXCAVATIONS SHOULD BE OBSERVED AND CONCRETE PLACED AS QUICKLY AS POSSIBLE TO AVOID EXPOSURE OF THE FOOTING BOTTOMS TO WETTING AND DRYING. SURFACE RUNOFF WATER SHOULD BE DRAINED AWAY FROM THE EXCAVATIONS AND NOT BE ALLOWED TO POND PRIOR OR AFTER CONCRETE PLACEMENT. IF IT IS REQUIRED THAT A FOOTING EXCAVATIONS BE LEFT OPEN FOR MORE THAN ONE DAY, THEY SHOULD BE PROTECTED TO REDUCE EVAPORATION OR ENTRY OF MOISTURE.
- IT IS RECOMMENDED THAT THE CONTRACTOR OR OWNER VERIFY ALLOWABLE SOIL PRESSURES BY CONTRACTING THE SERVICES OF A SOILS ENGINEERING COMPANY. TO VERIFY SOIL CAPACITIES. LOAD CAPACITIES ARE BASED ON LOCAL CODES AND HISTORICAL INFORMATION WHERE AVAILABLE, AND THE SOILS INFORMATION AVAILABLE FOR GENERAL AREAS MAY NOT BE COMMENSURATE WITH THIS PARTICULAR PROJECT.

GENERAL FOUNDATION NOTES

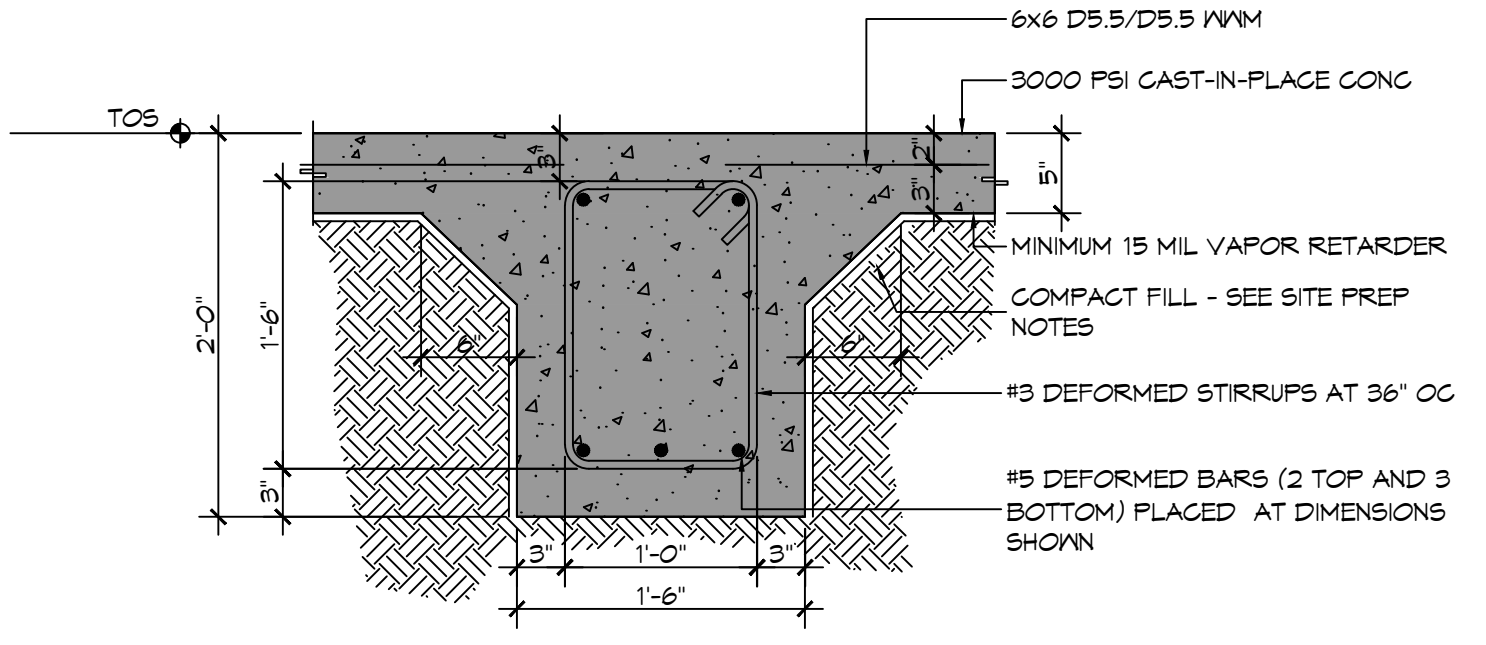
- THE INTENT OF THIS PLAN IS TO PROVIDE INFORMATION FOR PLACEMENT OF A CONVENTIONAL SLAB. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS, BRICK LEDGES, BLOCK OUTS, OFFSETS, ETC., SHOWN ON THESE PLANS, TO ASSURE AGREEMENT WITH ARCHITECTURAL PLANS.
- ALL NEW CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI AT 28 DAYS AND A MINIMUM THICKNESS OF 5". CONCRETE MIX SHALL BE IN ACCORDANCE WITH THE LATEST REVISION OF ASTM C-150 TYPE 1.
- ALL REINFORCING STEEL SHALL MEET ASTM-A615 (GRADE 60).
- ONE LAYER OF POLYETHYLENE VAPOR BARRIER SHALL BE PLACED UNDER ALL CONCRETE. VAPOR RETARDER TO BE 15 MIL. STRENGTH; ASTM E1145 CLASS A, PERMEANCE LESS THAN 0.01 PERMS, EQUAL TO STEGO INDUSTRIES STEGO WRAP ECO-SHIELD-E 15 MIL. BY EPFO OR IRONBAR 15 BY PLATIRON FILMS. PROVIDE APPROPRIATE ACCESSORIES FOR A COMPLETE SYSTEM.
- ALL REINFORCING STEEL SHALL BE SECURELY SUPPORTED TO PREVENT BOTH VERTICAL AND HORIZONTAL MOVEMENT DURING CONCRETE PLACEMENT. ALL CONTROL AND EXPANSION JOINTS SHALL BE LOCATED AND INSTALLED AS SHOWN ON THE PAVING PLAN AND IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
- THE CONTRACTOR SHALL VERIFY ALL DROPS, OFFSETS, CMU LEDGES, DIMENSIONS, AND CONFIGURATIONS. CONTRACTOR MUST BE RESPONSIBLE FOR SAME.
- VERIFY ALL PLUMBING ROUGH-IN LOCATIONS ON SHEET P101 & ELECTRICAL ROUGH-IN LOCATIONS ON SHEET E101.
- GRADE BEAM SIZES MAY VARY BY -5% TO +20%.
- ALL SUBGRADE FILL SHALL BE SELECT GRANULAR MATERIAL COMPACTED TO 95% STANDARD PROCTOR DENSITY IN A MAXIMUM OF 6" LIFTS.
- A MINIMUM OF 5" CONCRETE THICKNESS SHALL BE MAINTAINED THROUGHOUT THE SLAB.
- PROVIDE 5x5' LANDINGS, LEVEL WITH FINISHED FLOOR, OUTSIDE EXTERIOR DOORS. THRESHOLDS SHALL BE NOT MORE THAN 1/2" IN HEIGHT AND SHALL BE BEVELED IF MORE THAN 1/4".
- ALL RUNOFF WATER MUST BE CARRIED AWAY FROM THE SLAB TO PREVENT SATURATION OF THE SUB-BASE.
- ALL TREES WITHIN CLOSE PROXIMITY SHALL BE REMOVED TO PREVENT THE ROOTS FROM EXTENDING UNDER THE SLAB.
- PROVIDE AND MAINTAIN IMMEDIATE SITE DRAINAGE BEFORE, DURING, AND AFTER CONSTRUCTION. PROVIDE GRADINS, SWELLS, AND SUMP PUMPS AS MAY BE REQUIRED TO IMMEDIATELY DRAIN ALL RAINWATER FROM THE CONSTRUCTION AREA. FOOTING EXCAVATIONS SHOULD BE OBSERVED AND CONCRETE TO BE PLACED AS QUICKLY AS POSSIBLE TO AVOID EXPOSURE OF THE FOOTING BOTTOMS TO WETTING AND DRYING. SURFACE RUNOFF WATER SHOULD BE DRAINED AWAY FROM THE EXCAVATIONS AND NOT BE ALLOWED TO POND PRIOR TO OR AFTER CONCRETE PLACEMENT. IF IT IS REQUIRED THAT A FOOTING EXCAVATION BE LEFT OPEN FOR MORE THAN ONE DAY, IT SHOULD BE PROTECTED TO REDUCE EVAPORATION OR ENTRY OF MOISTURE.
- NEW SPREAD CONCRETE FOOTINGS AND CONTINUOUS FOOTINGS, BEARING ON COMPACTED STRUCTURAL FILL, AT LEAST 2 FEET BELOW FINISHED GRADE, SHOULD BE DESIGNED FOR MAXIMUM NET ALLOWABLE BEARING PRESSURES OF 1,200 PSF AND 2,000 PSF RESPECTIVELY, BASED ON DEAD LOADS AND DESIGN LIVE LOADS.
- TREAT SOIL BELOW SLAB FOR TERMITES.



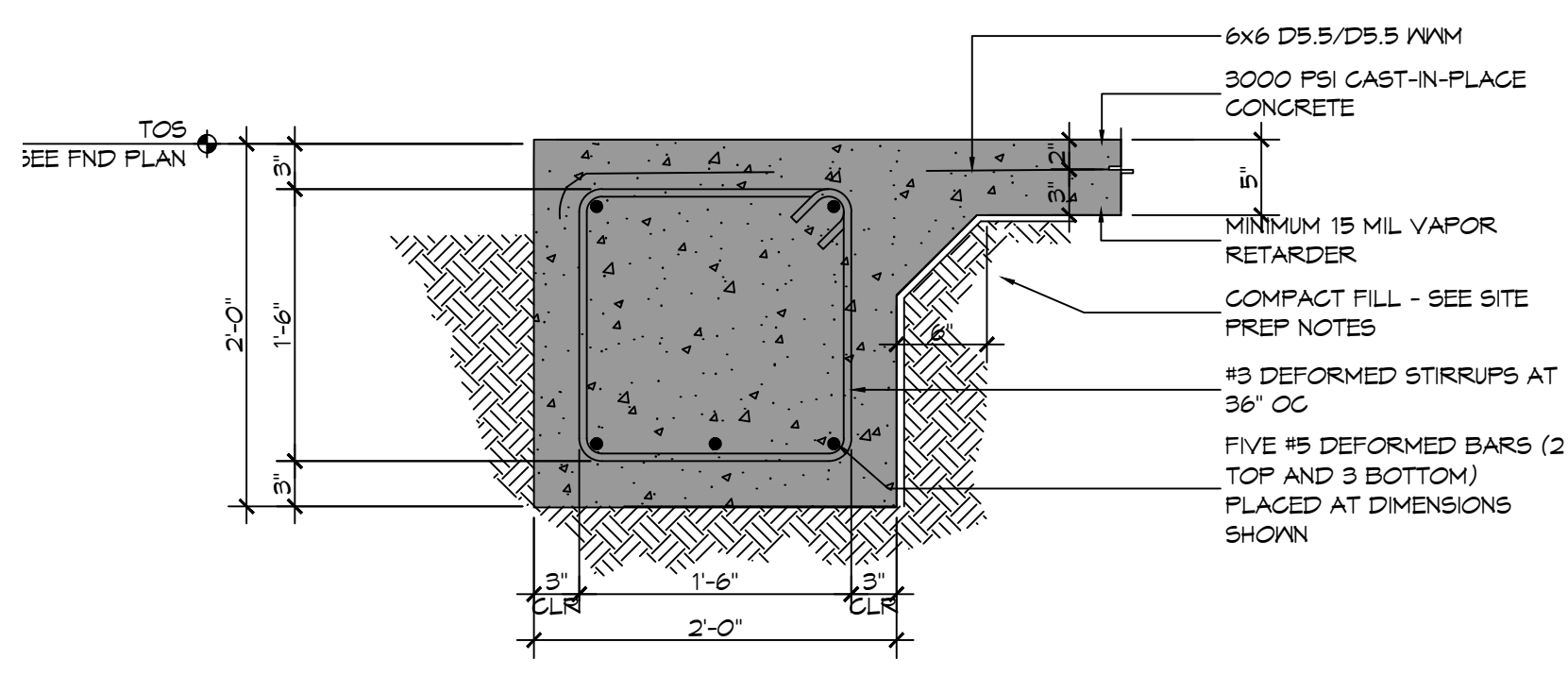
1 FOUNDATION PLAN
SCALE: 1/8" = 1'-0"



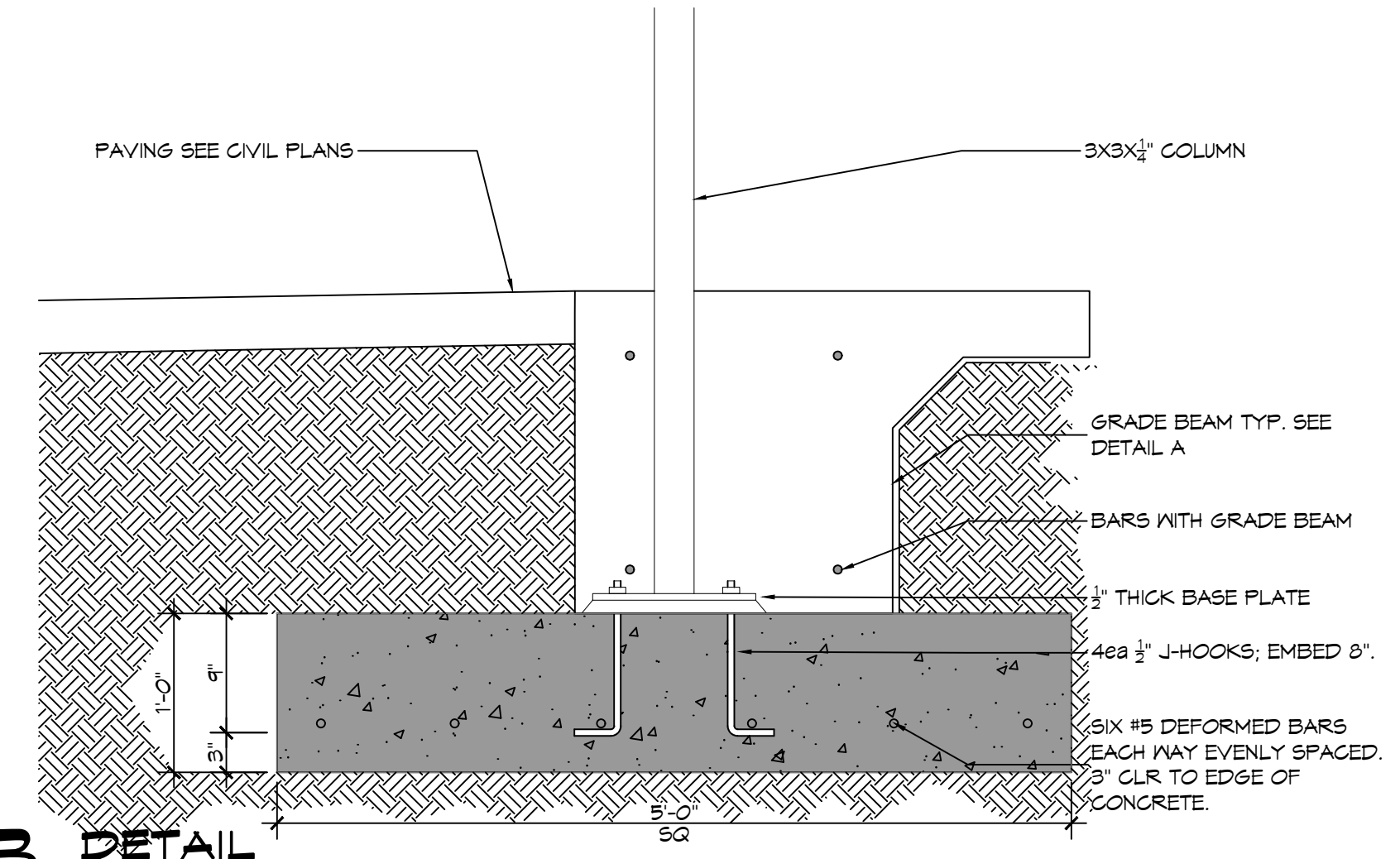
2 DETAIL
SCALE: N.T.S. TYPICAL LAP SPLICE



C DETAIL
SCALE: 1" = 1'-0"



A DETAIL
SCALE: 1" = 1'-0"



B DETAIL
SCALE: 1" = 1'-0"

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 Slidell, LA 70458

#	DESCRIPTION	DATE

SEAL:

BID SET NOT FOR CONSTRUCTION

NEW ADDITION
HONTASMOB
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 COVINGTON, LA
 JOB No: 2443
 DATE: 10-30-2021
 DRAWN BY: CKD
 CHECKED BY: CKD

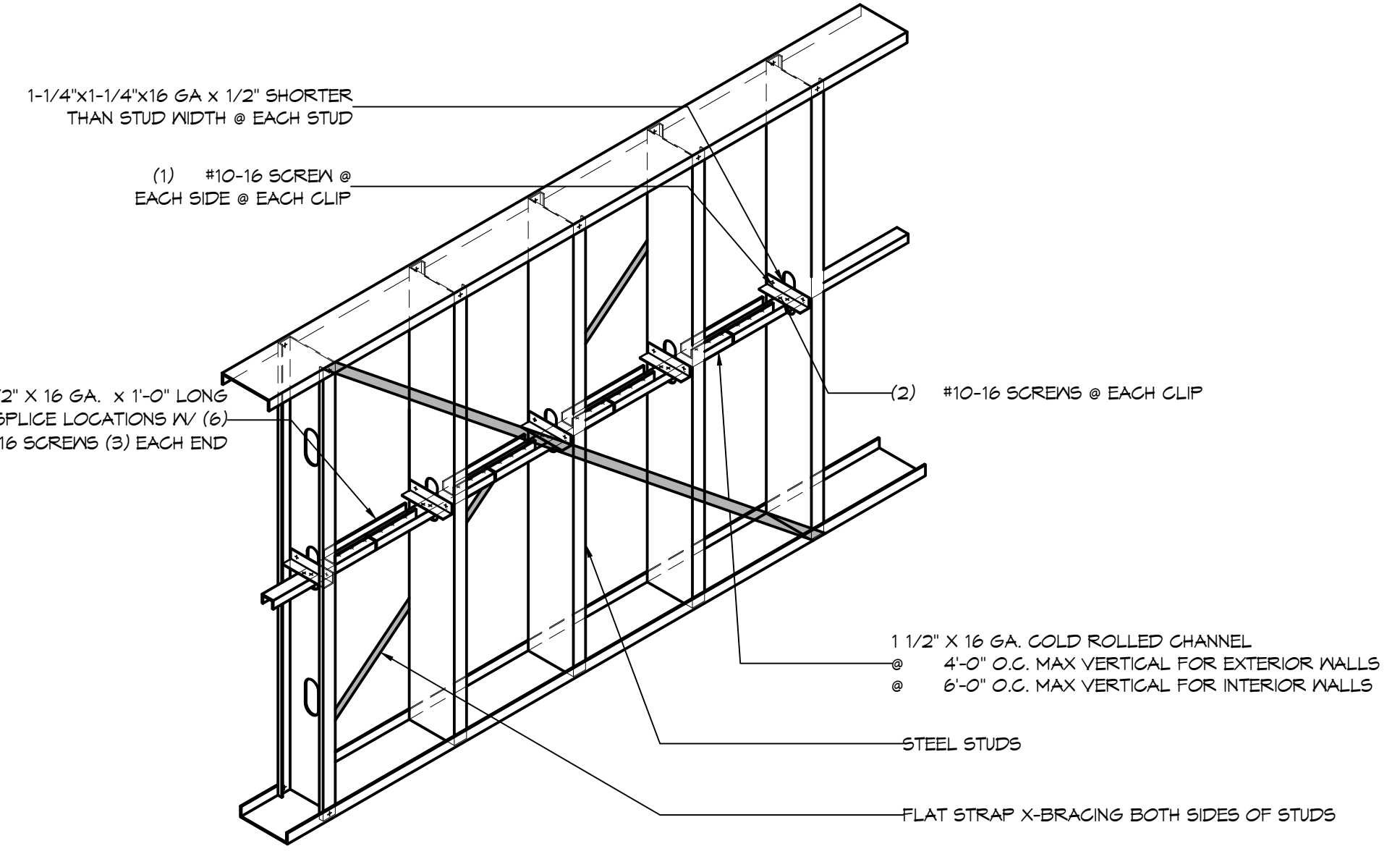
SHEET TITLE:
FOUNDATION PLAN

DRAWING NUMBER:
S101

SHEET No: 5 of 16

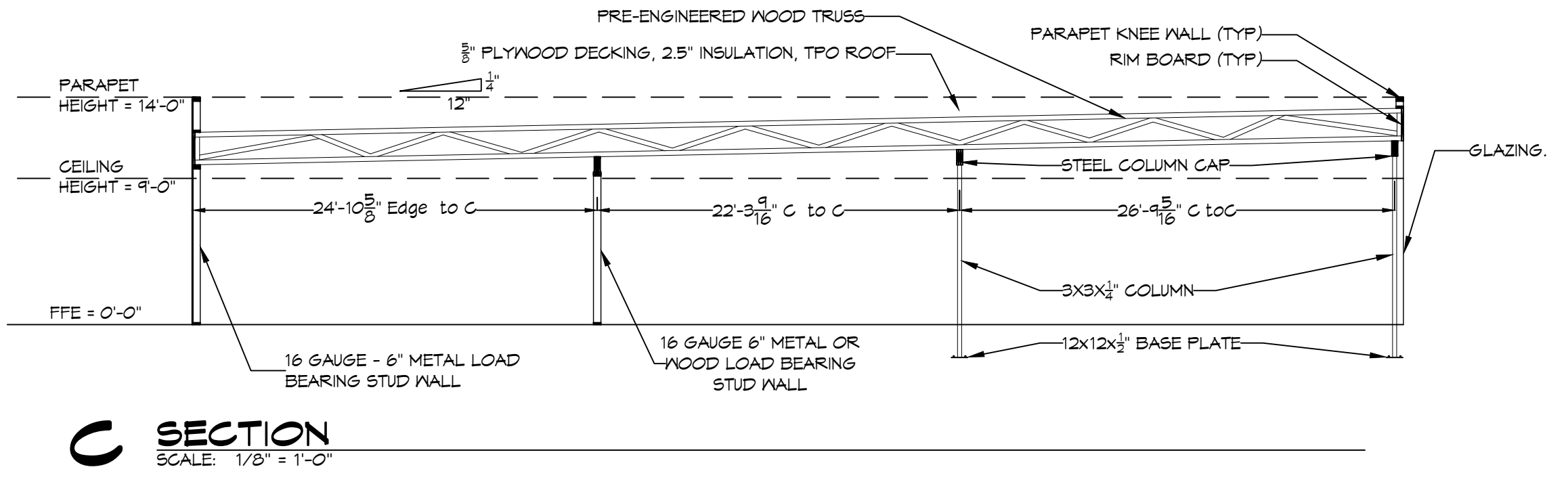
COLD-FORMED STEEL FRAMING NOTES:

- THIS COLD-FORMED STEEL BUILDING SHALL BE CONSTRUCTED TO WITHSTAND 131 MPH WINDS, ROUGHNESS B, EXPOSURE B WITH HORIZONTAL WIND PRESSURES AT 34.1 PSF AND VERTICAL WIND PRESSURES AT 20.7 PSF.
- SHOP DRAWINGS MUST BE CHECKED BY THE FABRICATOR AND BEAR CHECKER'S INITIALS AND APPROVED BY THE GENERAL CONTRACTOR BEFORE BEING SUBMITTED FOR REVIEW. REVIEW OF SHOP DRAWINGS IS LIMITED TO CHECKING FOR CONFORMANCE WITH DESIGN DRAWINGS, STRENGTH OF DIMENSIONAL MEMBERS, ERRORS AND OMISSIONS IN SHOP DRAWINGS.
- THE FOLLOWING DEFLECTIONS SHALL APPLY:
 - EXTERIOR LOAD-BEARING WALL FRAMING: HORIZONTAL DEFLECTION OF 1/240 OF THE WALL HEIGHT.
 - INTERIOR LOAD-BEARING WALL FRAMING: HORIZONTAL DEFLECTION OF 1/240 OF THE WALL HEIGHT UNDER A HORIZONTAL LOAD OF 5 LBF/SQ. FT.
 - EXTERIOR NON-LOAD-BEARING FRAMING: HORIZONTAL DEFLECTION OF 1/240 OF THE WALL HEIGHT.
 - ROOF RAFTER FRAMING: HORIZONTAL DEFLECTION OF 1/240 OF THE HORIZONTALLY PROJECTED SPAN.
 - CEILING JOIST FRAMING: VERTICAL DEFLECTION OF 1/240 OF THE SPAN.
- FRAMING SYSTEMS SHALL PROVIDE FOR MOVEMENT OF FRAMING MEMBERS WITHOUT DAMAGE OR OVERSTRESSING; SHEATHING FAILURE, CONNECTION FAILURE, UNDUE STRAIN ON FASTENERS AND ANCHORS, OR OTHER DETRIMENTAL EFFECTS WHEN SUBJECT TO A MAXIMUM AMBIENT TEMPERATURE CHANGE OF 120 DEG. F.
- FRAMING SYSTEM SHALL MAINTAIN CLEARANCES AT OPENINGS, TO ALLOW FOR CONSTRUCTION TOLERANCES, AND TO ACCOMMODATE LIVE LOAD DEFLECTION OF PRIMARY BUILDING STRUCTURE FOR UPWARD AND DOWNWARD MOVEMENT OF 1/2 INCH.
- COLD-FORMED STEEL FRAMING - GENERAL: DESIGN ACCORDING TO AISI'S "STANDARD FOR COLD-FORMED STEEL FRAMING - GENERAL PROVISIONS."
 - HEADERS: DESIGN ACCORDING TO AISI'S "STANDARD FOR COLD-FORMED STEEL FRAMING - HEADER DESIGN."
 - DESIGN EXTERIOR NON-LOAD-BEARING WALL FRAMING TO ACCOMMODATE HORIZONTAL DEFLECTION WITHOUT REGARD FOR CONTRIBUTION OF SHEATHING MATERIALS.
 - ROOF TRUSSES: DESIGN ACCORDING TO AISI'S "STANDARD FOR COLD-FORMED STEEL FRAMING - TRUSS DESIGN."
- LOAD-BEARING WALL FRAMING
 - STEEL STUDS: MANUFACTURER'S STANDARD C-SHAPED STEEL STUDS, OF WEB DEPTHS INDICATED, PUNCHED, WITH STIFFENED FLANGES.
 - STEEL TRACK: MANUFACTURER'S STANDARD U-SHAPED STEEL TRACK, OF WEB DEPTHS INDICATED, UNPUNCHED, WITH STRAIGHT FLANGES.
 - STEEL BOX OR BACK-TO-BACK HEADERS: MANUFACTURER'S STANDARD C-SHAPES USED TO FORM HEADER BEAMS, OF WEB DEPTHS INDICATED, PUNCHED, WITH STIFFENED FLANGES.
 - STEEL DOUBLE-L HEADERS: MANUFACTURER'S STANDARD L-SHAPES USED TO FORM HEADER BEAMS, OF WEB DEPTHS INDICATED.
- ROOF-RAFTER FRAMING
 - STEEL RAFTERS: MANUFACTURER'S STANDARD C-SHAPED STEEL SECTIONS, OF WEB DEPTHS INDICATED, UNPUNCHED, WITH STIFFENED FLANGES.
 - BUILT-UP MEMBERS: BUILT-UP MEMBERS OF MANUFACTURER'S STANDARD C-SHAPED STEEL SECTION, WITH STIFFENED FLANGES, NESTED INTO A U-SHAPED STEEL SECTION JOIST TRACK, WITH UNSTIFFENED FLANGES, UNPUNCHED, OF WEB DEPTHS INDICATED.
- CEILING JOIST FRAMING - STEEL CEILING JOISTS: MANUFACTURER'S STANDARD C-SHAPED STEEL SECTIONS, OF WEB DEPTHS INDICATED, WITH STIFFENED FLANGES.
- ANCHORS, CLIPS, AND FASTENERS
 - STEEL SHAPES AND CLIPS: ASTM A 36/A 36M, ZINC COATED BY HOT-DIP PROCESS ACCORDING TO ASTM A 123/A 123M.
 - ANCHOR BOLTS: ASTM F 1554, GRADE 36, THREADED CARBON-STEEL HEX-HEADED BOLTS, HEADLESS, HOOKED BOLTS AND CARBON-STEEL NUTS; AND FLAT, HARDENED-STEEL WASHERS; ZINC COATED BY HOT-DIP PROCESS ACCORDING TO ASTM A 153/A 153M, CLASS C.
 - EXPANSION ANCHORS: FABRICATED FROM CORROSION-RESISTANT MATERIALS, WITH CAPABILITY TO SUSTAIN, WITHOUT FAILURE, A LOAD EQUAL TO 10 TIMES DESIGN LOAD, AS DETERMINED BY TESTING PER ASTM E 1190 CONDUCTED BY A QUALIFIED INDEPENDENT TESTING AGENCY.
 - POWER-ACTUATED ANCHORS: FASTENER SYSTEM OF TYPE SUITABLE FOR APPLICATION INDICATED, FABRICATED FROM CORROSION-RESISTANT MATERIALS, WITH CAPABILITY TO SUSTAIN, WITHOUT FAILURE, A LOAD EQUAL TO 10 TIMES DESIGN LOAD, AS DETERMINED BY TESTING PER ASTM E 488 CONDUCTED BY A QUALIFIED INDEPENDENT TESTING AGENCY.
 - MECHANICAL FASTENERS: ASTM C 1513, CORROSION-RESISTANT-COATED, SELF-DRILLING, SELF-TAPPING STEEL DRILL SCREWS. HEAD TYPE: LOW-PROFILE HEAD BENEATH SHEATHING, MANUFACTURER'S STANDARD ELSEWHERE.
- FABRICATE COLD-FORMED METAL FRAMING AND ACCESSORIES PLUMB, SQUARE, AND TRUE TO LINE, AND WITH CONNECTIONS SECURELY FASTENED, ACCORDING TO REFERENCED AISI'S SPECIFICATIONS AND STANDARDS, MANUFACTURER'S WRITTEN INSTRUCTIONS, AND REQUIREMENTS IN THIS SECTION.
 - FABRICATE FRAMING ASSEMBLIES USING JIGS OR TEMPLATES.
 - CUT FRAMING MEMBERS BY SAWING OR SHEARING; DO NOT TORCH CUT.
 - FASTEN COLD-FORMED METAL FRAMING MEMBERS BY WELDING, SCREW FASTENING, CLINCH FASTENING, OR RIVETING AS STANDARD WITH FABRICATOR. WIRE TYING OF FRAMING MEMBERS IS NOT PERMITTED. COMPLY WITH AISI'S D13 REQUIREMENTS AND PROCEDURES FOR WELDING, APPEARANCE AND QUALITY OF WELDS, AND METHODS USED IN CORRECTING WELDING WORK. LOCATE MECHANICAL FASTENERS AND INSTALL ACCORDING TO SHOP DRAWINGS, WITH SCREW PENETRATING JOINED MEMBERS BY NOT LESS THAN THREE EXPOSED SCREW THREADS.
 - FASTEN OTHER MATERIALS TO COLD-FORMED METAL FRAMING BY WELDING, BOLTING, OR SCREW FASTENING, ACCORDING TO SHOP DRAWINGS.

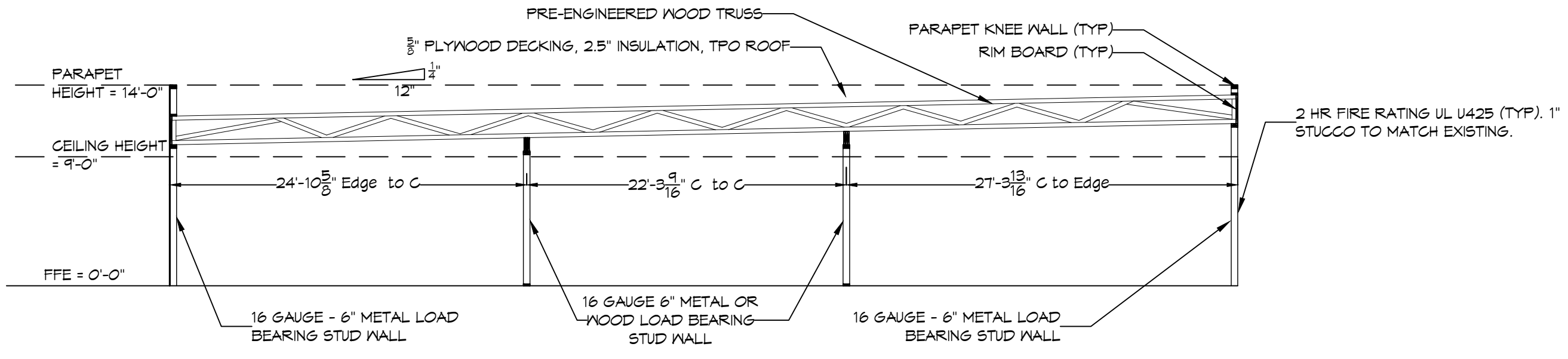


HORZ. BRACING DETAIL
SCALE: N.T.S.

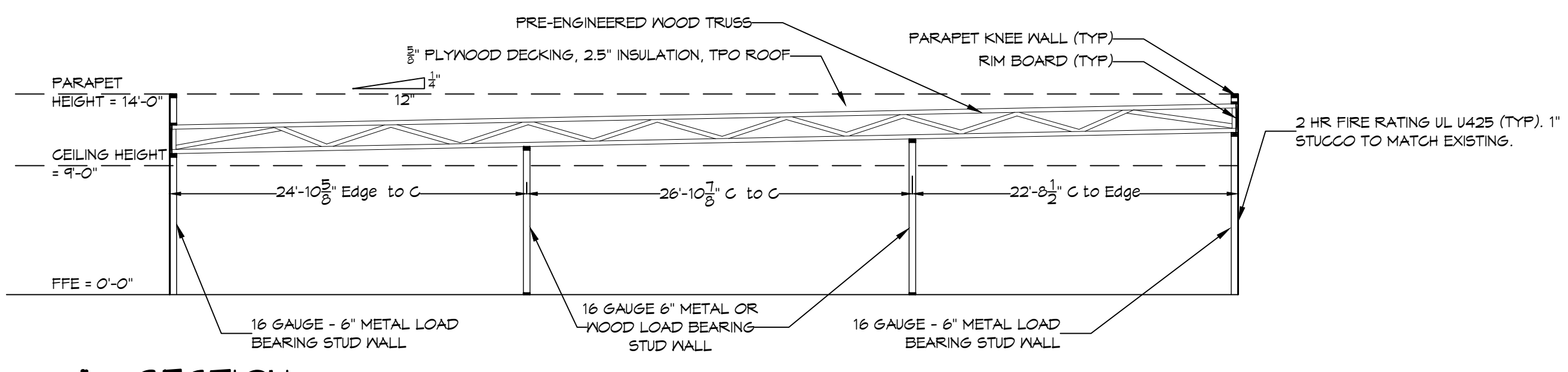
- METAL - STRUCTURAL STEEL
- A. SPECIFICATIONS: DESIGN, FABRICATION, AND ERECTION ARE TO BE GOVERNED BY THE LATEST REVISIONS OF THE FOLLOWING UNLESS NOTED OTHERWISE (U.N.O.):
- AISC SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS (AISC 360-10).
 - AISC CODE OF STANDARD PRACTICE (CONTRACTOR SHALL SUBMIT STEEL SHOP DRAWINGS TO ENGINEER FOR REVIEW PRIOR TO CONSTRUCTION).
 - AISC SPECIFICATIONS FOR STRUCTURAL JOINTS USING ASTM A325 OR A449 BOLTS (ALLOWABLE STRESS DESIGN).
 - STRUCTURAL WELDING CODE, AWS D11 OF THE AMERICAN WELDING SOCIETY. WELDING PERSONNEL AND PROCEDURES ARE TO BE QUALIFIED PER AWS D 1.1.
- B. MATERIALS:
- WIDE FLANGE AND WT SHAPES SHALL BE ASTM A992, FY = 50 KSI, U.N.O.
 - ALL OTHER HOT-ROLLED SHAPES SHALL BE ASTM A36, FY = 36 KSI, U.N.O.
 - STEEL PIPES SHALL BE ASTM A53, TYPE-S (SEAMLESS) GRADE B, U.N.O.
 - HOLLOW STRUCTURAL SECTIONS (HSS) SHALL BE ASTM A500, GRADE B, U.N.O. PLATES AND BARS SHALL BE ASTM A36, U.N.O.
- C. BOLTS
- ALL BOLTS SHALL BE ASTM A325 HIGH STRENGTH WITH HARDENED WASHERS AND HEAVY HEX NUTS U.N.O.
 - ALL BOLT HOLES SHALL BE 1/16" LARGER THAN THE BOLT DIAMETER U.N.O.
 - ALL BOLTS, NUTS, & WASHERS SHALL BE GALVANIZED, U.N.O.
- D. CONNECTIONS:
- ALL CONNECTIONS SHALL BE SHOP WELDED AND FIELD BOLTED U.N.O.
 - MINIMUM NUMBER OF BOLTS FOR ALL CONNECTIONS SHALL BE (4) U.N.O.
 - SPACING OF BOLTS SHALL BE 3 INCHES U.N.O.
 - EDGE DISTANCE OF BOLTS SHALL BE 1-1/2 INCHES U.N.O.
 - ALL CLIP ANGLES SHALL BE MINIMUM L3X3X 1/4 U.N.O.
 - GUSSET PLATE 3/8 (MIN) THICKNESS REQUIRED U.N.O.
- E. WELDS
- ALL WELDS SHALL BE WITH E70XX ELECTRODES IN ACCORDANCE WITH AWS D1.1. USE HIGHER STRENGTH ELECTRODE IF REQUIRED BY AWS D1.1 (ALL WELDING SHALL BE PERFORMED BY AWS QUALIFIED WELDERS).
 - MINIMUM SIZE OF FILET WELD SHALL BE 3/16" U.N.O.
 - SEAL WELD AROUND ALL WELDED CONNECTIONS WHERE WELDING IS NOT INDICATED TO PROVIDE WATER-TIGHT CONNECTION.
 - FULL STRENGTH FIELD WELDS IN MATERIALS OVER 5/8 INCH THICK AND WELDED FIELD JOINTS OF IN MEMBERS SHALL BE SUBJECT TO NON-DESTRUCTIVE TESTING BY AN INDEPENDENT LABORATORY.
- F. COATINGS
- ALL UNEXPOSED STEEL SHALL BE SHOP PAINTED (IN ACCORDANCE WITH AISC STANDARDS) OR GALVANIZED.
 - ALL STEEL SHALL BE GALVANIZED OR PAINTED PER PROJECT NOTES.
 - AFTER ERECTION CONTRACTOR SHALL TOUCH UP WITH PAINT, GALVANIZING COMPOUND OR APPROVED COATING ALL ABRADED AREAS.
- G. FIELD QUALITY CONTROL
- INSPECTION OF FIELD ASSEMBLIES IN ACCORDANCE WITH AISC SPECIFICATION FOR STRUCTURAL JOINTS. INSPECTION SHALL INCLUDE APPROVAL OF PROCEDURE FOR CALIBRATION OF WRENCHES AND INSTALLATION OF BOLTS.
 - THE BOLTS SHALL BE CHECKED BY TESTING AGENCY. THE BOLT TENSION SHALL NOT BE LESS THAN THAT REQUIRED BY SPECIFICATIONS FOR STRUCTURAL JOINTS.
- H. MISCELLANEOUS
- METAL ROOFING (IF APPLICABLE) SHALL BE PER OWNER & MEET THE WIND REQUIREMENTS OF THIS DRAWING & GOVERNING BUILDING CODE.
 - SEAL ENDS OF OPEN MEMBERS SUCH AS PIPES AND TUBES WITH 1/8 INCH THICK PLATE & 1/8 INCH SEAL WELDS UNLESS SPECIFICALLY NOTED OTHERWISE.



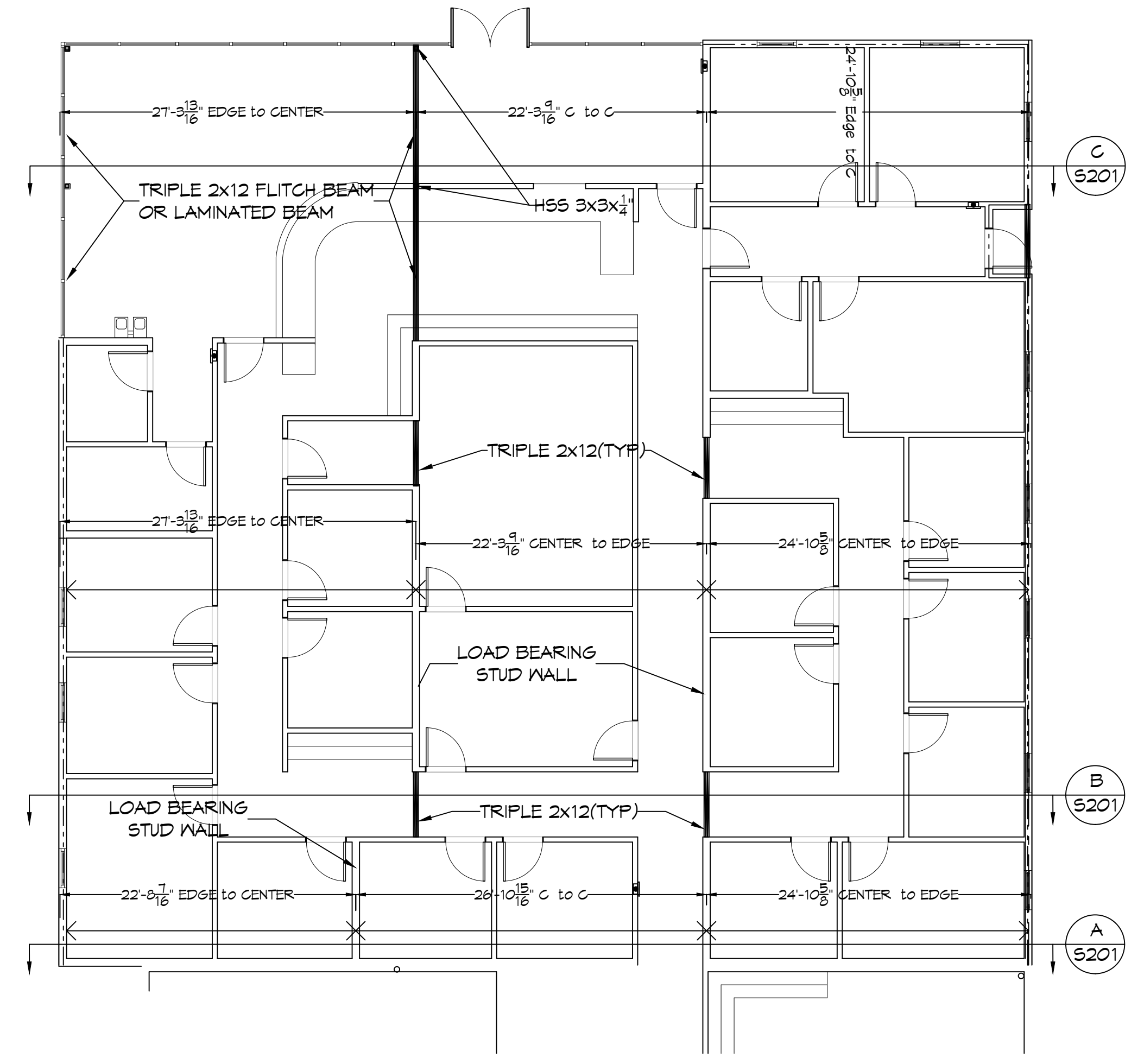
C SECTION
SCALE: 1/8" = 1'-0"



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



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



1 STRUCTURAL FRAMING PLAN
SCALE: 1/8" = 1'-0"

DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI

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PH: 985.649.5832

Chief Engineer: Brian Mierisch, PE
554 Old Spanish Trail
Slidell, LA 70458

#	DESCRIPTION	DATE

SEAL:

BID SET NOT FOR CONSTRUCTION

HONTASNOB

NEW ADDITION

12011 LA HWY 21
COVINGTON, LA 70438

JOB NO: 2443 DATE: 10-20-2021
DRAWN BY: DFPD CHECKED BY: CAC

SHEET TITLE:
STRUCTURAL FRAMING PLAN

DRAWING NUMBER:
S201

SHEET No: 6 of 16

DIFFUSER SCHEDULE

TAG	SERVICE	NECK SIZE	DESCRIPTION	REMARKS
A	Supply Air	Ref. Plan	24"x24" Adjustable Square Cone Diffuser, Price ASCDA w/ Insulated Back Panel	1, 2, 3
B	Supply Air	Ref. Plan	12"x12" Adjustable Square Cone Diffuser, Price ASCDA w/ Insulated Back Panel	1, 2, 3
C	Supply Air	Ref. Plan	Linear Slot Diffuser w/ 3 x 1" Slots, Price SDS w/ SDA Plenum	1, 2, 3
D	Return Air	Ref. Plan	24" X 24" Perforated, Ducted Return, Titus PAR	1, 2, 3
E	Return Air	Ref. Plan	16" X 16" Perforated, Ducted Return, Titus PAR	1, 2, 3

- Notes:
 1. Seal perimeter of diffusers/grilles to prevent moisture migration from attic space
 2. Coordinate with owner / architect for color and finish
 3. R value of insulated back panels/plenums to exceed R-6

Exhaust Fan Schedule

Tag	Service	Max. Airflow (CFM)	Fan TSP ("wc)	Watt s	Amps	Volts	Phase	Hz	Make / Model	Remarks
EF-1	Restroom Exhaust	80	0.1	43	N/A	120	1	60	Broan A80	1

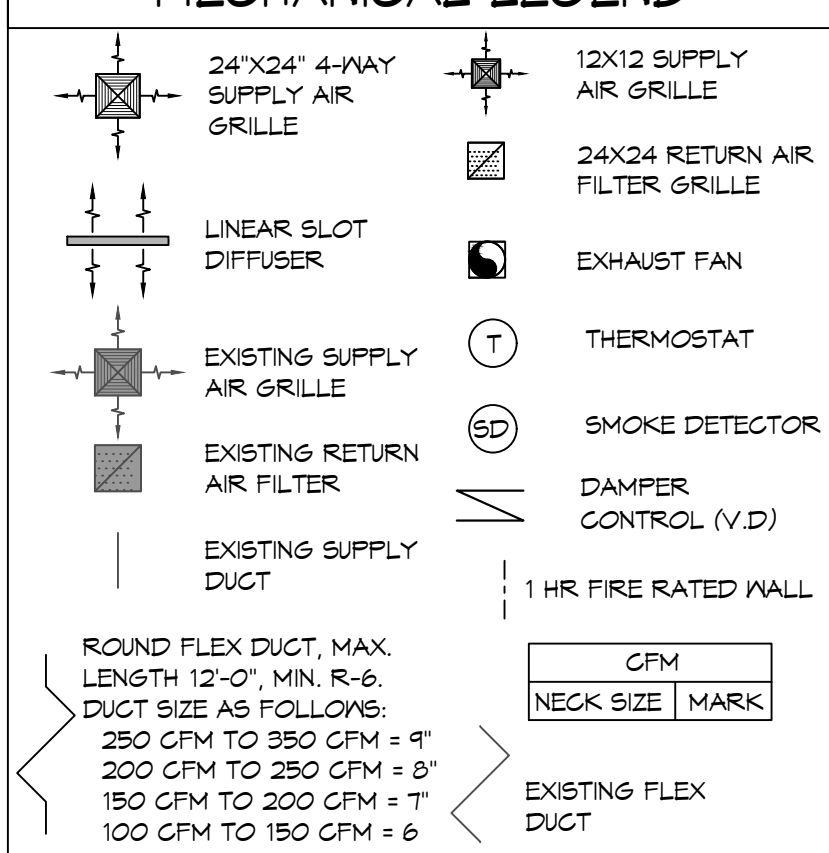
1. Provide dedicated wall switch

RTU SCHEDULE

TAG	Make / Model	NOMINAL TONS	TOTAL CFM	O/A CFM	COOLING			POWER			HEAT	REMARKS	
					TOTAL MBH	SENSIBLE MBH	ESP (")	VAC	HZ	PH			MCA
RTU-1	TRANE TSC072H3	6	2340	190	65.7	54.2	0.4	208	60	3	53	13.5	1, 2, 3, 4
RTU-2	TRANE TSC060E3	5	1940	220	53.3	39.7	0.4	208	60	3	29	4.5	1, 2, 3, 4
RTU-3	TRANE TSC060E3	5	1810	210	50.7	38.4	0.5	208	60	3	29	4.5	1, 2, 3, 4

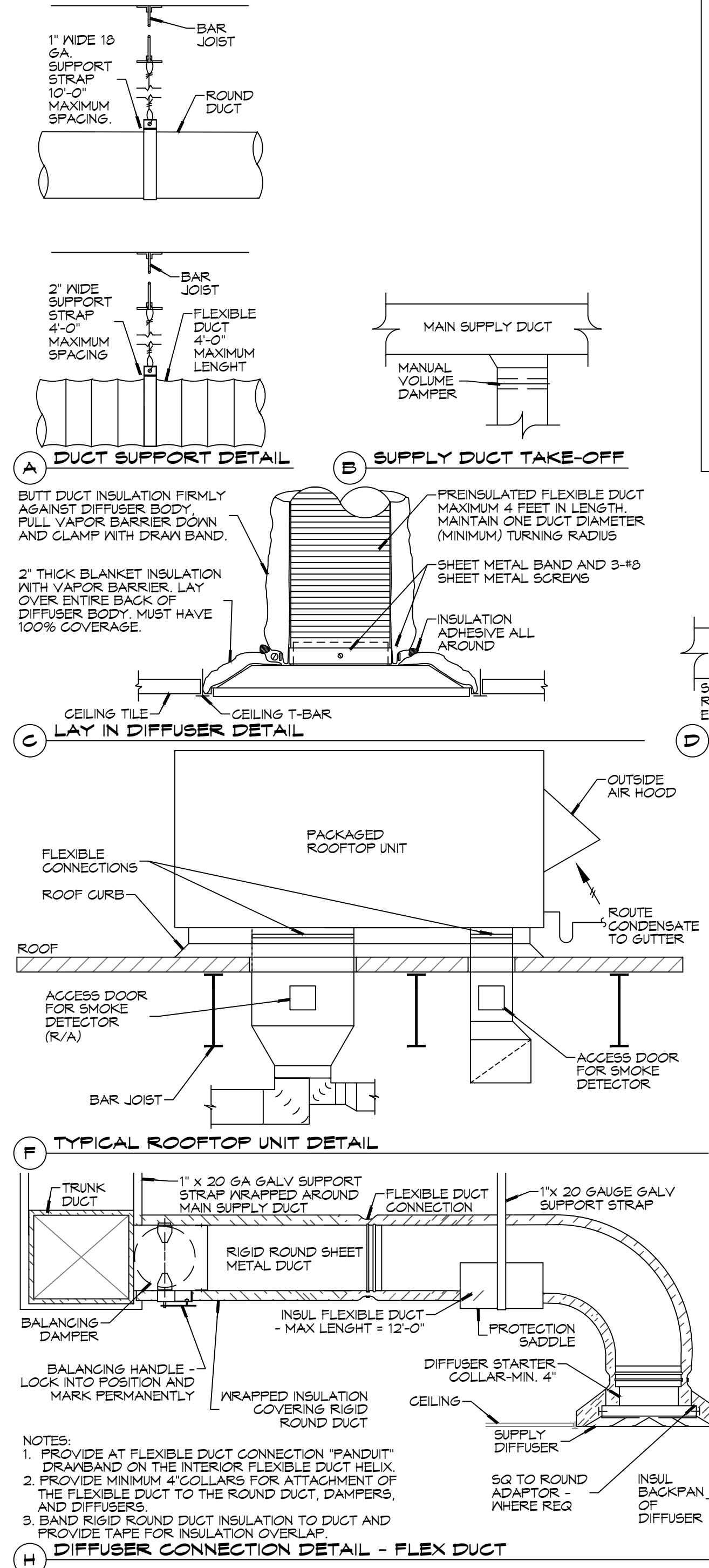
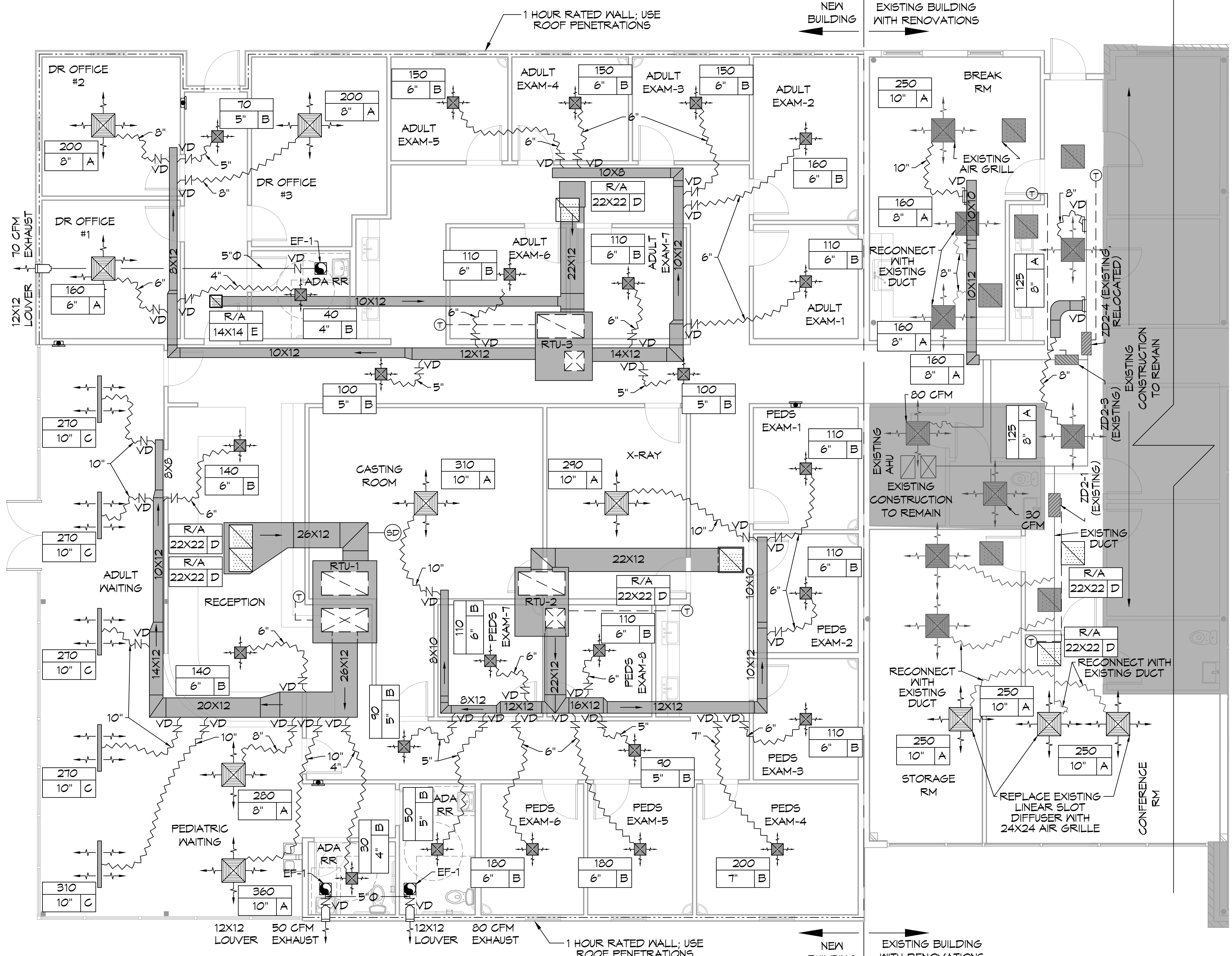
- NOTES:
 1. Furnish with motorized OA damper, electrical thru base provisions, MERV 8 filters and single point power connection.
 2. Provide condensate overflow switch and programmable 7/24 thermostat with lockable cover.
 3. Install units in accordance with Manufacturer's recommendations.
 4. Provide new filters after commissioning and final acceptance.

MECHANICAL LEGEND



GENERAL HVAC NOTES

- CONCEALED DUCTWORK TO BE GALVANIZED SHEET METAL WRAPPED WITH FIBROUS GLASS DUCT WRAP WITH FSK VAPOR BARRIER, MIN R-6. INSTALLED PER SMACNA STANDARDS. DUCT WORK IMMEDIATELY DOWNSTREAM FROM RTU SHALL BE LINED FOR SOUND ATTENUATION.
- EXPOSED DUCTWORK TO BE GALVANIZED SHEET METAL LINED WITH FIBROUS GLASS DUCT LINER, MIN R-6. INSTALLED PER SMACNA STANDARDS.
- ROUND FLEXIBLE DUCT TO BE UL-181, CLASS 1, AIR DUCT MATERIALS.
- DUCT SIZES SHOWN ARE CLEAR INSIDE DIMENSIONS.
- IN ALL SYSTEMS OVER 2000 CFM AND LESS THAN 15,000 CFM, SMOKE DETECTORS SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 72E IN THE RETURN DUCT DOWNSTREAM OF THE AIR HANDLING UNIT AND ALL FILTERS TO AUTOMATICALLY STOP THE FAN.
- PROVIDE UL LISTED 125 F° FIRESTOP IN RETURN AIR OF EACH SYSTEM UNDER 2000 CFM TO SHUT DOWN THE FAN IN THE EVENT OF FIRE.
- PROVIDE UL RATED FIRE DAMPERS WHERE REQUIRED AT ALL DUCT PENETRATIONS OF FIRE-RATED ASSEMBLIES AND WHERE REQUIRED BY CODE, INCLUDING OUTSIDE AIR INTAKES AND EXHAUST FANS.
- CONDENSATE DRAINS TO BE PVC PIPE RUN TO PLUMBERS P-TRAP WITHIN FIVE FEET OF AIR HANDLING UNITS.
- ALL AIR HANDLING SYSTEMS TO BE BALANCED TO ASSURE PROPER AIR FLOWS PER PLANS.
- ALL THERMOSTATS TO BE AUTOMATIC CHANGE-OVER WITH HEAT SWITCH.
- EXHAUST FAN SHALL BE CONTROLLED BY A SWITCH ON THE WALL IN THE SAME LOCATION AS LIGHT SWITCH(S). PROVIDE BACK DRAFT DAMPER.
- PROVIDE AND INSTALL WATER PROOF GRILLE VENT IN PROPER ROOF LOCATION FOR PLUMBING FIXTURE EXHAUST.
- ALL SUPPLY AIR VENTS SHALL BE EQUIPPED WITH AIR CONTROL DAMPERS AT THE REGISTER.
- LOCATE OUTDOOR UNITS AS SHOWN ON ARCHITECTURAL DRAWINGS.
- REFRIGERANT LINES SHALL BE SIZED BY UNIT MANUFACTURER AND INSTALLED ACCORDING TO MANUFACTURER'S INSTRUCTIONS.
- FRESH AIR SHALL BE SUPPLIED TO EACH AIR HANDLER THROUGH EXTERIOR WALL DUCT SUPPLIED WITH A CONTROL DAMPER.
- ALL ELECTRICAL, MECHANICAL, AND PLUMBING PENETRATING FIRE WALLS SHALL BE FIRE CALKED. (PENETRATIONS THROUGH RATED CONSTRUCTION SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM-E8-14).
- FLEXIBLE DUCTWORK LENGTH NOT TO EXCEED 12'-0". SUPPORT FLEX DUCT TO PREVENT SAGGING
- REFER TO REFLECTED CEILING PLAN FOR FINAL GRILLE AND DIFFUSER LOCATIONS AND COORDINATE AS REQUIRED.
- FINAL LOCATION OF TEMPERATURE CONTROLS TO BE COORDINATED WITH OWNER AT JOB SITE.
- PROVIDE AND INSTALL SMOKE DETECTORS AS APPROVED BY LOCAL AHJ. PLACE NEAR R/A AND S/A OPENINGS OF AHU AND PROVIDE, WITH ACCESS PANEL, WIRING BY ELECTRICAL CONTRACTOR.
- FRESH AIR INTAKES ARE REQUIRED TO HAVE MOTORIZED OR GRAVITY DAMPERS TO SHUT OFF WHEN SYSTEM IS NOT RUNNING.
- PROVIDE BIRD SCREENS AT ALL EXTERIOR MECHANICAL PENETRATIONS.
- COORDINATE WALL MOUNTED THERMOSTAT LOCATIONS WITH ALL OWNER FURNISHED ITEMS EITHER WALL MOUNTED OR FLOOR MOUNTED AGAINST PARTITIONS. REFER TO ARCHITECTURAL DRAWINGS.
- SEE ROOF PLAN FOR ALL ROOF PENETRATIONS.
- PROVIDE MIN 18 GA GALVANIZED SHEET METAL TO BLANK-OFF GABLE VENTS WHERE INTAKE/EXHAUST DUCTS OCCUR.



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NO.	DATE	DESCRIPTION

BID SET NOT FOR CONSTRUCTION

NEW ADDITION
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101 LA HWY 21
 COVINGTON, LA 70439
 JOB No: 2445 | DATE: 10-30-2023
 DRAWN BY: CJK | CHECKED BY: CJK

SHEET TITLE:
 MECHANICAL FLOOR PLAN

DRAWING NUMBER:
M101

SHEET No: 13 of 16

#	DESCRIPTION	DATE

SEAL:

BID SET NOT FOR CONSTRUCTION

NEW ADDITION
H O N T A S M O B

11211 LA HWY 21
COVINGTON, LA 70433

JOB No: 2443 DATE: 10-20-2021
DRAWN BY: DDD CHECKED BY: DDD

SHEET TITLE:
POWER PLAN

DRAWING NUMBER:

E101

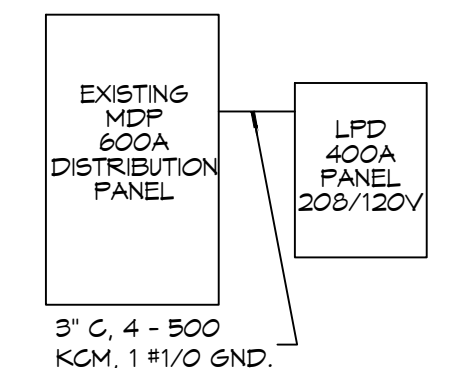
SHEET No: 14 of 16

GENERAL POWER NOTES

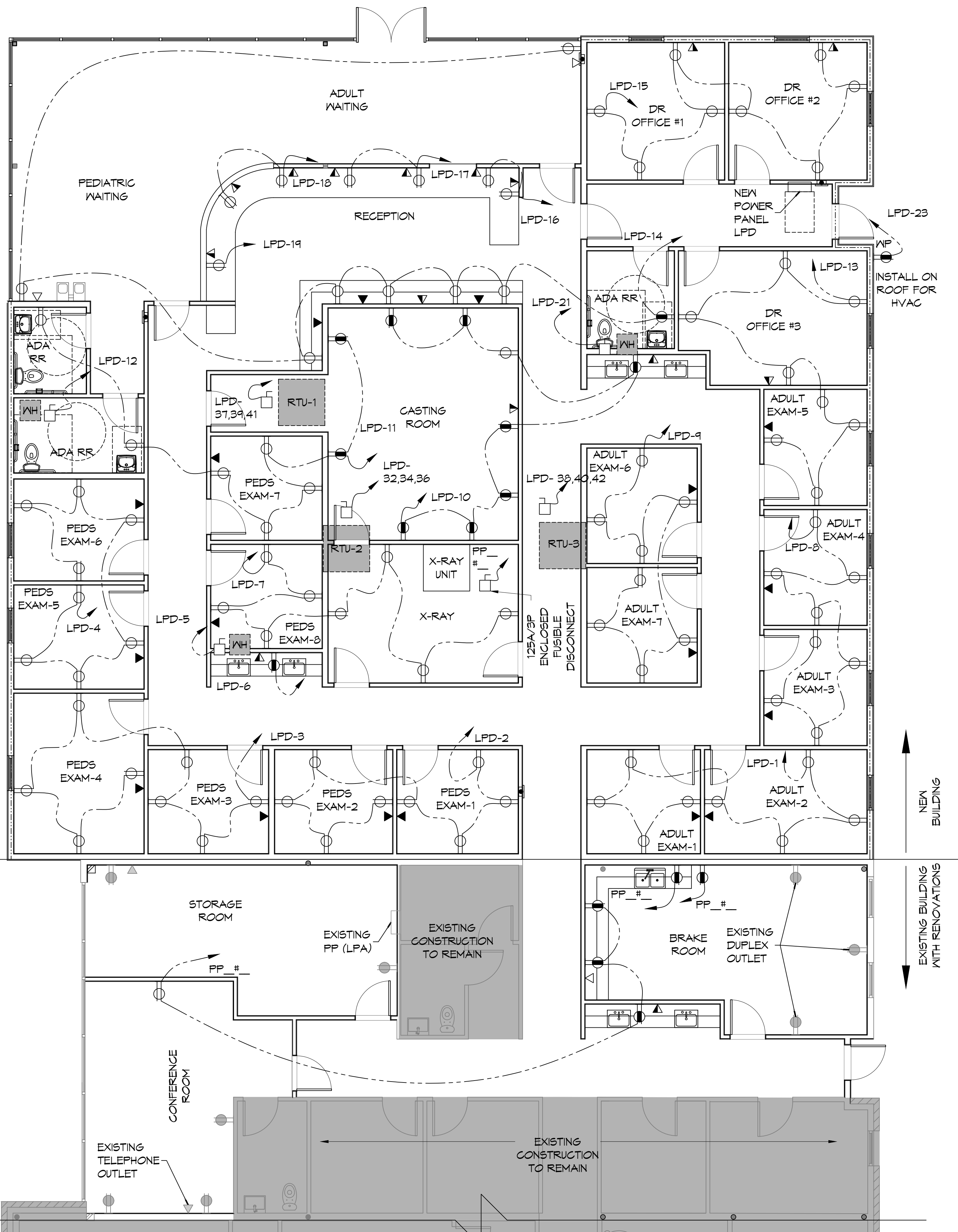
- ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE, THE GOVERNING ELECTRICAL CODE AND ALL OTHER INSPECTION DEPARTMENTS HAVING JURISDICTION. OBTAIN CERTIFICATES OR APPROVAL, WHERE REQUIRED. ELECTRICAL CONTRACTOR SHALL VERIFY ALL WIRE AND CONDUIT SIZES FOR MECHANICAL EQUIPMENT TO BE INSTALLED.
- ALL MATERIALS FURNISHED SHALL BE NEW AND SHALL BE U.L. LISTED.
- THE DRAWINGS INDICATE SIZE AND GENERAL LOCATION OF WORK. SCALE DIMENSIONS SHALL NOT BE USED. THE EXACT LOCATION OF ALL LIGHTING FIXTURES, RECEPTACLES AND TELEPHONE OUTLETS, ETC. SHALL BE DETERMINED BY ACTUAL CONDITIONS IN THE FIELD.
- PRIOR TO BIDDING, CONTRACTOR SHALL VISIT THE JOB SITE AND FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS.
- ELECTRICAL CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER TRADES AND WITH OTHER CONTRACTORS WHOSE WORK MAY AFFECT THIS INSTALLATION.
- ELECTRICAL CONTRACTOR SHALL COORDINATE INCOMING ELECTRICAL SERVICE WITH UTILITY COMPANY AND INCLUDE IN HIS BID ALL CHARGES AND FEES INCURRED IN MODIFICATIONS.
- ELECTRICAL CONTRACTOR SHALL COORDINATE THE TELEPHONE INSTALLATION WITH THE TELEPHONE COMPANY AND THE GENERAL CONTRACTOR.
- ELECTRICAL CONTRACTOR, BEFORE INSTALLING ANY OF THE WORK, SHALL SEE THAT IT DOES NOT INTERFERE WITH CLEARANCES REQUIRED FOR FINISHED COLUMNS, HUNG CEILINGS, PLASTER, PARTITIONS, WALLS, ETC. AS SHOWN IN THE ARCHITECTURAL DRAWINGS AND DETAILS. IF ANY WORK IS INSTALLED AND IT LATER DEVELOPS THAT SUCH DETAILS OR DESIGN CANNOT BE FOLLOWED, THE CONTRACTOR, AT HIS OWN EXPENSE, SHALL MAKE SUCH CHANGES IN THE WORK AS DIRECTED BY THE ARCHITECT, AS WELL AS TO PERMIT THE INSTALLATION OF THE ARCHITECTURAL WORK AS SHOWN ON THE PLANS AND DETAILS.
- PERFORM TEST REQUIRED BY THE OWNER OR THE ENGINEER IN CONNECTION WITH THE OPERATION OF THE ELECTRICAL SYSTEM IN THE BUILDING. ALL TESTS SHALL BE MADE IN ACCORDANCE WITH THE LATEST STANDARD OF THE IEEE AND THE NATIONAL ELECTRICAL CODE.
- MINIMUM CONDUCTOR SIZE SHALL BE #12, 600V INSULATION. MINIMUM SIZE CONDUIT SHALL BE 3/4" ELECTRICAL METALLIC TUBING (EMT) FOR INTERIOR USE, 3/4" SCHEDULE 80 PVC FOR EXTERIOR USE ABOVE GRADE AND 1" SCHEDULE 40 PVC FOR EXTERIOR USE BELOW GRADE. BURIED A MINIMUM OF 18" FOR NON-VEHICULAR TRAFFIC AREAS AND 36" IN VEHICULAR TRAFFIC AREAS. EMT SHALL BE USED WITH METAL STUD CONSTRUCTION AND ALL ASSEMBLY OCCUPANCIES. USE NMC IN WOOD CONSTRUCTION. 6 FT LENGTH MC CABLE IS ALLOWED ABOVE DROPPED CEILING. INTERIOR FITTINGS SHALL BE CAST WHERE EXPOSED ON WALLS, AND EXTERIOR FITTINGS SHALL BE CAST BOXES WITH NEMA 3R COVER(S).
- CONTRACTOR SHALL INSTALL WIRING, CIRCUIT BREAKERS AND OTHER CIRCUIT COMPONENTS TO MATCH EQUIPMENT ACTUALLY INSTALLED.
- ALL 120V RUNS LONGER THAN 60 FEET SHALL BE #10 AWG AND 277V RUNS LONGER THAN 150 FEET SHALL BE #10 AWG UNLESS NOTED OTHERWISE.
- INSTALL GROUND FAULT RECEPTACLES AT RECEPTACLE LOCATIONS WITHIN 5' OF SINKS OR LAVATORIES, AND AT EXTERIOR LOCATIONS. EXTERIOR RECEPTACLES SHALL ALSO BE WATERPROOF. ALL RECEPTACLES IN THE KITCHEN AREA SHALL HAVE GROUND FAULT PROTECTION.
- BONDING AND GROUNDING SHALL BE IN ACCORDANCE WITH NFPA 70:250-65, NFPA 250-23, 250-11 & 250-12.
- GROUND NEUTRAL IN ACCORDANCE WITH NFPA 70:250-230.
- FUSES SHALL BE ITC CLASS K5, 250 VOLT, 200,000 AMP INTERRUPTING CAP.
- PROVIDE SERVICES OF A FIRE/SMOKE DETECTION AND ALARM COMPANY TO DESIGN AND INSTALL ALARM SYSTEM TO MEET REQUIREMENTS OF THE STATE FIRE MARSHALL AND THE FIRE DISTRICT.
- EXTERIOR LIGHTING SHALL BE SHADED OR INWARDLY DIRECTED IN SUCH A MANNER SO THAT NO DIRECT LIGHTING OR GLARE IS CAST BEYOND THE PROPERTY LINE. THE INTENSITY OF SUCH LIGHTING SHALL NOT EXCEED ONE FOOT CANDLE AS MEASURED AT THE ADJUTING PROPERTY LINE.
- ALL ELECTRICAL, MECHANICAL AND PLUMBING PENETRATING FIRE PARTITIONS SHALL BE FIRE CAULKED. (PENETRATIONS THROUGH RATED CONSTRUCTION SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM-E814.)
- VERIFY ELECTRICAL CONNECTIONS PER MANUFACTURER'S RECOMMENDATIONS.
- ALL BRANCH CIRCUITS SERVING PATIENT CARE AREAS SHALL PROVIDE AN EFFECTIVE GROUND-FAULT CURRENT PATH BY INSTALLATION IN A METAL RACEWAY SYSTEM OR A MEDICAL GRADE MC CABLE (NEC ART. 517.13(A & B)).

POWER LEGEND

- SYMB
- STANDARD 120V DUPLEX RECEPTACLE, 18" AFF (UNLESS OTHERWISE NOTED)
 - GFCI DUPLEX RECEPTACLE
 - WEATHER-PROOF GFCI DUPLEX RECEPTACLE MOUNTED AT 30" AFF (UNLESS OTHERWISE NOTED)
 - FUSED DISCONNECT, FUSE PER MANUFACTURER'S RECOMMENDATIONS.
 - TELEPHONE OUTLET
 - DATA AND TELEPHONE OUTLET
 - DATA OUTLET
 - EXISTING TELEPHONE OUTLET
 - EXISTING DUPLEX OUTLET
 - HOME RUN
 - TANKLESS WATER HEATER
 - 2 HOUR FIRE RATED WALL



ONE LINE DIAGRAM
SCALE: N.T.S.



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

PANEL SCHEDULE

PANEL:		LPD		VOLTAGE:		208/120V, 400A, 50, 4N W/MLO		ENCLOSURE:		FLUSH MOUNTED W/ EQUIPMENT GND BAR 50 D TYPE GO LOAD CENTER		
GKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER AMP POLE	LOAD (KvA)	A0	B0	C0	LOAD (KvA)	BREAKER POLE AMP	LOAD DESCRIPTION	THHN WIRE SIZE	GKT NO
1	12	OUTLETS	20 1	1.4	●	●	○	1.4	1 20	OUTLETS	12	2
3	12	OUTLETS	20 1	1.4	●	●	○	1.4	1 20	OUTLETS	12	4
5	10	INSTANT WATER HEATER	30 1	3.4	○	●	○	0.1	1 20	OUTLETS	12	6
7	12	OUTLETS	20 1	1.4	●	●	○	1.4	1 20	OUTLETS	12	8
9	12	OUTLETS	20 1	1.4	●	●	○	1.4	1 20	OUTLETS	12	10
11	12	OUTLETS	20 1	1.4	○	●	○	3.4	1 30	INSTANT WATER HEATER	10	12
13	12	OUTLETS	20 1	1.4	●	●	○	1.4	1 20	OUTLETS	12	14
15	12	OUTLETS	20 1	1.4	●	●	○	0.4	1 20	OUTLETS	12	16
17	12	OUTLETS	20 1	0.4	○	●	○	0.4	1 20	OUTLETS	12	18
19	12	OUTLETS	20 1	0.4	○	●	○	1	20	SPARE	20	20
21	10	INSTANT WATER HEATER	30 1	3.4	○	●	○	1	20	SPARE	22	22
23	12	OUTLETS	20 1	0.1	○	●	○	1.3	1 20	LIGHTS	12	24
25	12	LIGHTS	20 1	1.1	○	●	○	1.3	1 20	LIGHTS	12	26
27		SPARE	20 1		○	●	○	1	20	SPARE	28	28
29		SPARE	20 1		○	●	○	1	20	SPARE	30	30
31				19.3	○	●	○	3.5				32
33		X-RAY POWER PANEL	125 3	19.3	○	●	○	3.5	3 40	RTU 2 MATCH BREAKER TO UNIT INSTALLED		34
35				19.3	○	●	○	3.5				36
37				6.4	○	●	○	3.5				38
39				6.4	○	●	○	3.5	3 40	RTU 3 MATCH BREAKER TO UNIT INSTALLED		40
41				6.4	○	●	○	3.5				42
				TOTAL CONNECTED LOAD (KvA) = 112.6				GROUND BUS				
				A0 = 31.9			B0 = 31.5			C0 = 31.2		

PANEL SCHEDULE
SCALE: N.T.S.

GENERAL LIGHTING NOTES

1. ALL WORK SHALL COMPLY WITH APPLICABLE NATIONAL, STATE, AND LOCAL CODES, RULES, REGULATIONS, AND REQUIREMENTS OF THE SERVICE UTILITY COMPANY.
2. GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY IF ANY CONFLICTS OCCUR BETWEEN LIGHTING AND ANY OTHER TRADE. DO NOT PROCEED WITH INSTALLATION IN THAT AREA UNTIL CONFLICT HAS BEEN RESOLVED TO THE SATISFACTION OF THE ARCHITECT AND ENGINEER.
3. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND MOUNTING INSTRUCTIONS FOR ALL LIGHT FIXTURES. NOTIFY THE ARCHITECT AND ENGINEER OF ANY DISCREPANCIES BETWEEN THESE PLANS AND THE ARCHITECTURAL PLANS RELATING TO QUANTITY, TYPE AND LOCATION OF DEVICES AND/OR FIXTURES.
4. WHEN SPECIFIC LIGHT FIXTURE HAS BEEN SPECIFIED IN THE FIXTURE SCHEDULE, ELECTRICAL CONTRACTOR SHALL PROVIDE COMPLETE ASSEMBLY INCLUDING ALL PARTS AND HARDWARE TO INSURE PROPER FUNCTIONING FIXTURE.
5. ALL CONDUCTORS SHALL BE A MINIMUM OF #12 AWG UNLESS NOTED OTHERWISE.
6. ALL 120V RUNS LONGER THAN 60 FEET SHALL BE #10 AWG AND 277V RUNS LONGER THAN 150 FEET SHALL BE #10 AWG UNLESS NOTED OTHERWISE.
7. ALL CONDUCTORS SHALL BE COPPER.
8. WHERE CONDUCTOR SIZES ARE NOTED ON DRAWINGS, THAT WIRE SIZE SHALL BE THROUGH THE ENTIRE RUN UNLESS OTHERWISE NOTED.
9. MOUNTED LIGHT SWITCHES 48" AFF UNLESS NOTED OTHERWISE ON ARCHITECTURAL DRAWINGS.
10. WHERE MORE THAN ONE SWITCH OCCURS IN THE SAME LOCATION, THEY SHALL BE INSTALLED IN A GANG TYPE BOX UNDER ONE COVER PLATE. ALL GANGED SWITCHES SHALL HAVE A COMMON SEAMLESS FACEPLATE. EACH MULTI-GANGED BOX SHALL BE NO MORE THAN SIX (6) SWITCHES WIDE. WHERE MORE THAN SIX (6) SWITCHES ARE SHOWN AT ONE (1) LOCATION, ADDITIONAL MULTI-GANGED BOXES SHALL BE STACKED VERTICALLY AND THE WIDTH OF THE MULTI-GANGS SHALL BE AS EVEN AS POSSIBLE.
11. EACH DIMMER SWITCH SHALL HAVE A WATTAGE RATING 25% HIGHER THAN THE TOTAL WATTAGE OF ALL LIGHTS TO BE CONTROLLED BY THE DIMMER. DIMMER SIZES 600, 1000, 1500, AND 2000 WATTS, LUTRON NOVA T-STAR. WHERE SWITCHES ARE GANGED WITH DIMMERS, THE SWITCHES SHALL ALSO BE LUTRON NOVA T-STAR. FLUORESCENT AND LOW VOLTAGE DIMMERS SHALL BE LUTRON NOVA T-STAR.
12. ALL EMERGENCY EXIT LIGHT FIXTURES SHALL HAVE 90 MINUTE BATTERY BACKUP WITH INTEGRAL TEST BUTTON AND SHALL BURN CONTINUOUSLY.
13. ALL FLUORESCENT FIXTURES THAT UTILIZE DOUBLE-ENDED LAMPS AND CONTAIN BALLASTS SHALL BE PROVIDED WITH A DISCONNECTING MEANS IN ACCORDANCE WITH NEC 410.136.

SITE LIGHTING

EXTERIOR LIGHTING SHALL BE SHADED OR INWARDLY DIRECTED IN SUCH A MANNER SO THAT NO DIRECT LIGHTING OR GLARE BE CAST BEYOND THE PROPERTY LINE. THE INTENSITY OF SUCH LIGHTING SHALL NOT EXCEED ONE FOOT CANDLE AS MEASURED AT THE ADJUTING PROPERTY LINE.

KEYED NOTES

- E PROVIDE CONNECTION TO UN-SWITCHED HOT OF LIGHTING CIRCUIT AND SHALL HAVE 90 MINUTE EMERGENCY BATTERY BACKUP.

LIGHTING LEGEND

	2x4 COLUMBIA LGAT24-30-MLG-EU		EXHAUST FAN - SEE MECHANICAL
	2x4 COLUMBIA LGAT24-30-HLG-EU		JUNCTION BOX
	2x2 COLUMBIA LGAT22-30MLG-EU		EXIT LIGHT FIXTURE - CEILING MOUNTED
	2x2 COLUMBIA LGAT22-L935 (4400LM)		HOME RUN
	PRESOLITE LTR-4RD-WH-SL-DW1-LTR-4RD-T-SL30K2XND5		1 HOUR FIRE RATED WALL
	48\"/>		SINGLE POLE LIGHT SWITCH
	48\"/>		3 WAY LIGHT SWITCH
	POLE MOUNTED LIGHT; MATCH EXISTING; CONNECT TO EXISTING CIRCUIT		EXISTING POWER PANEL (LPA)
	EXTERIOR LIGHT; MATCH EXISTING; CONNECT TO EXISTING CIRCUIT		NEW POWER PANEL (LPD)

DAMMON ENGINEERING, INC.
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Chief Engineer: Brian Misch, PE
Site Engineer: Jeff Trull
Sibley, LA 70459
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#	DESCRIPTION	DATE

SEAL: _____

BID SET NOT FOR CONSTRUCTION

NEW ADDITION

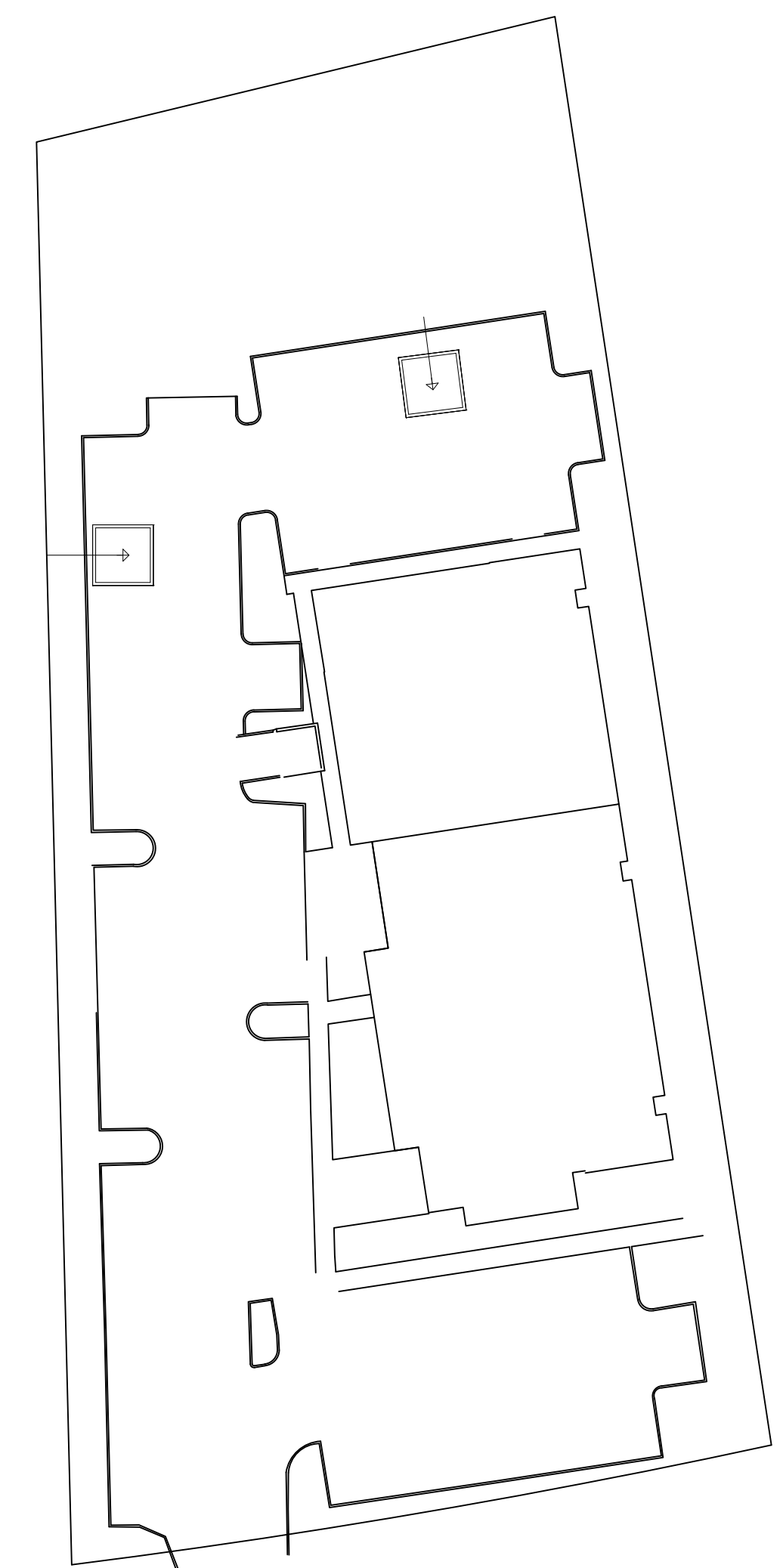
H O N T A S M O B

1121 LA HWY 21
COVINGTON, LA 70433
JOB No: 2443 DATE: 10-20-2021
DRAWN BY: _____ CHECKED BY: _____

SHEET TITLE:
LIGHTING PLAN

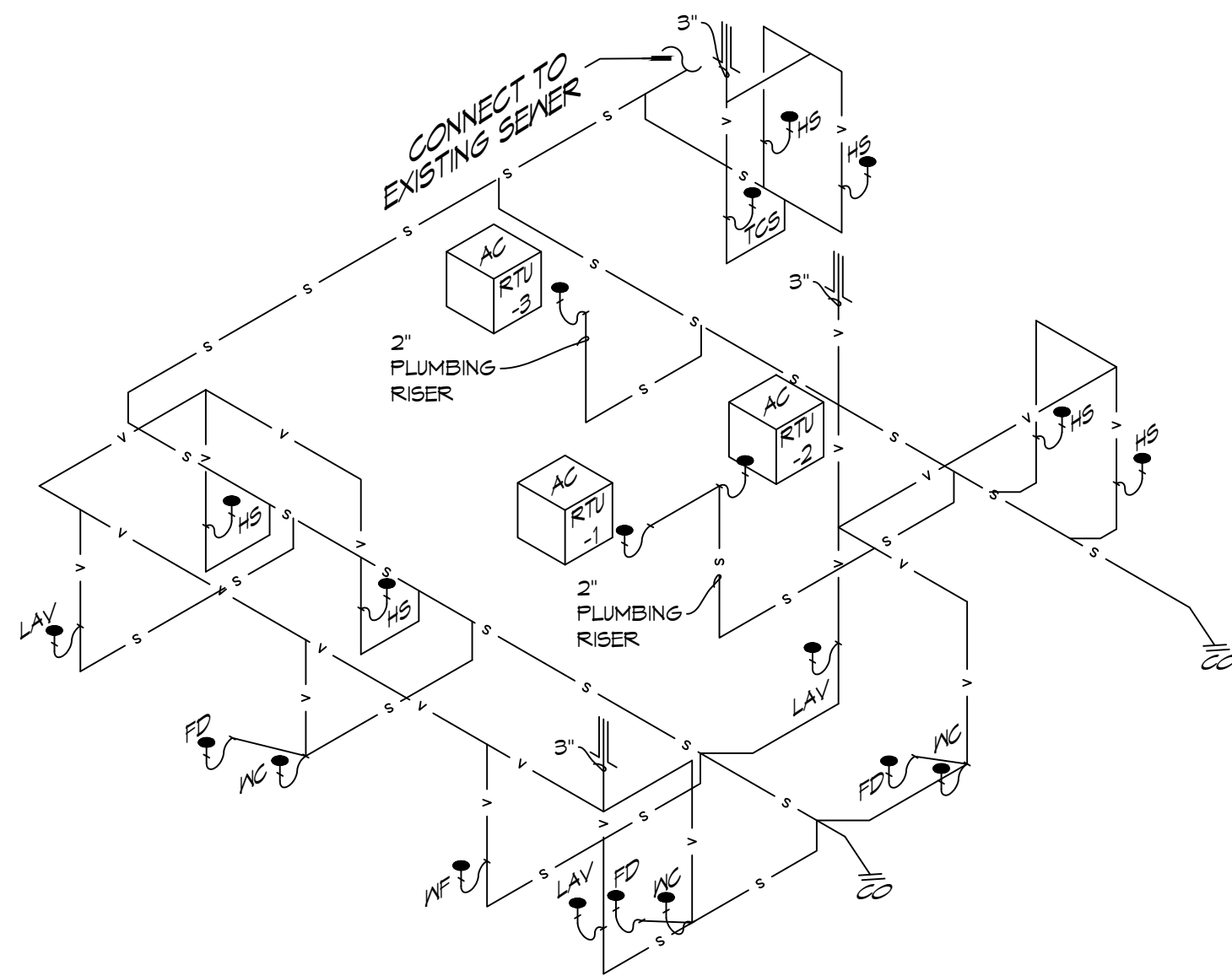
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SHEET No: 15 of 16

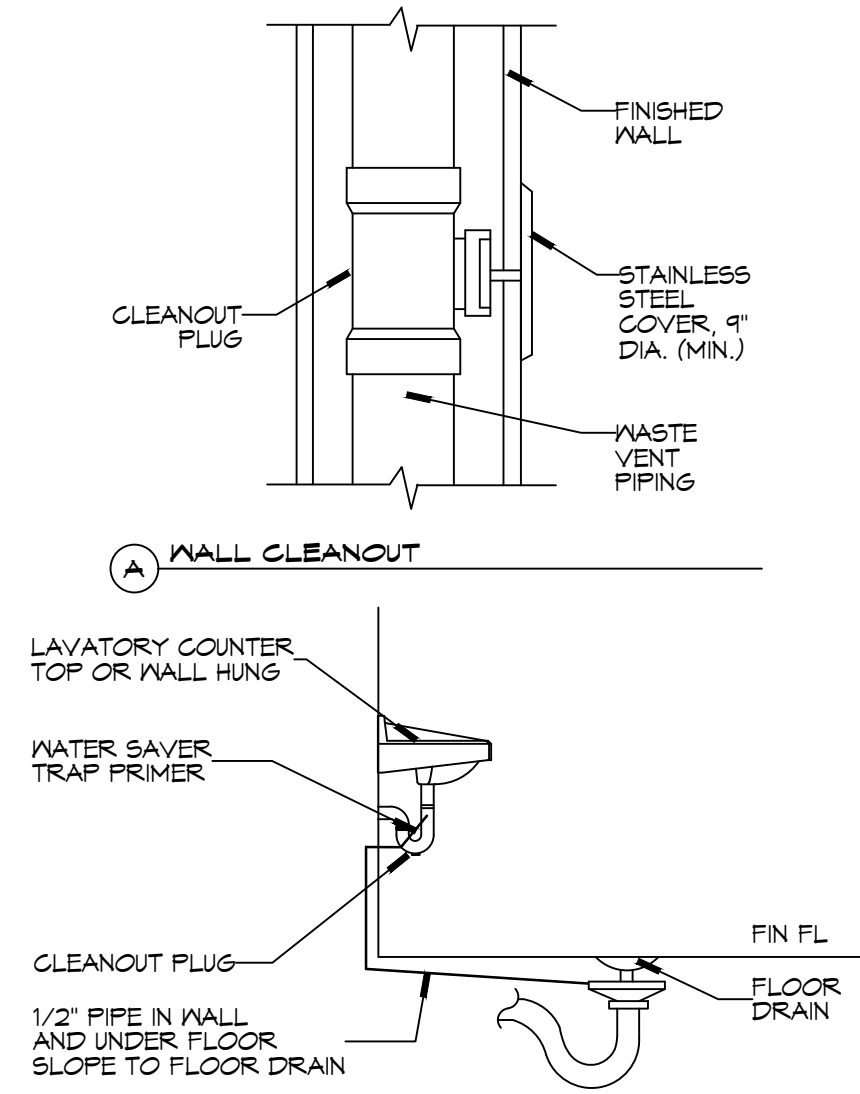


12 POLE MOUNTED SITE LIGHTING
SCALE: N.T.S.

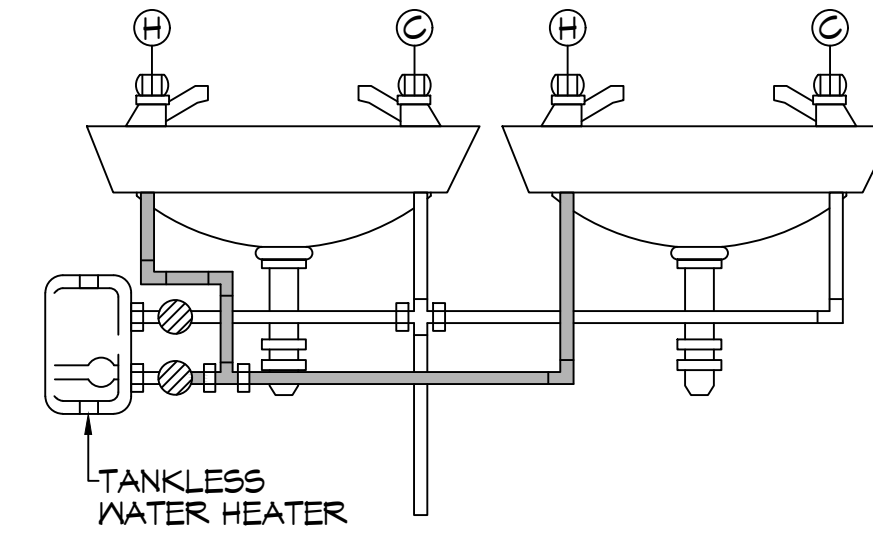
2 LIGHTING PLAN
SCALE: 3/16"=1'-0"



11 PLUMBING RISER DIAGRAM
SCALE: NTS



TYPICAL DETAILS
SCALE: NTS



MISCELLANEOUS PLUMBING

GENERAL PLUMBING NOTES

1. PLUMBING LINES SHOWN ARE DRAWN DIAGRAMATIC IN NATURE AND REPRESENT CONCEPTUAL ROUTING ONLY. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF ALL ACTUAL CONDITIONS.
2. PROVIDE ALL LABOR, MATERIAL, TRANSPORTATION, SUPERVISION, CLEAN-UP, SERVICES, AND EQUIPMENT FOR A COMPLETE OPERATING SYSTEM. THE SYSTEM SHALL INCLUDE HOT AND COLD WATER PIPING, SEWER AND VENT PIPING, INSULATION, WATER HEATER, HANGERS, VALVES, SUPPORTS WITHOUT ANY RESTRICTIONS TO VOLUME, CUT AND PATCH AS REQUIRED TO INSTALL PIPES.
3. ALL WORK AND MATERIAL SHALL CONFORM STRICTLY TO THE LATEST LOCAL CITY, PARISH, STATE AND NATIONAL GOVERNING CODES. MUST MEET LA STATE PLUMBING CODE 2015 REQUIREMENTS.
4. CONTRACTOR IS TO FIELD VERIFY ALL EXISTING UTILITY LOCATIONS, ELEVATIONS AND SIZES PRIOR TO COMMENCING ANY WORK. CONTRACTOR SHALL PAY NECESSARY FEES FOR THE UTILITIES CONNECTIONS.
5. CONTRACTOR IS RESPONSIBLE TO VERIFY THE EXISTING INVERTS AND SET NEW INVERTS OF SEWERAGE AND DRAINAGE PIPES.
6. SEWERAGE LINES 3-INCH AND SMALLER SHALL BE SLOPED 1/4" PER FOOT AND LINES 4-INCH AND LARGER SHALL BE 1/8" PER FOOT.
7. TEST ALL PIPING AT REQUIRED PRESSURE.
8. ALL PLUMBING SHALL BE CLOSELY COORDINATED WITH STRUCTURAL, MECHANICAL SYSTEM AND ELECTRICAL SYSTEMS TO INSURE NO TRADES WILL CONFLICT WITH EACH OTHER.
9. DO NOT SCALE DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF DOORS, WINDOWS, WALLS, FIXTURES, ETC.
10. ALL WATER MAINS AND PIPING NOT SHOWN FOR CLARITY, ALL LOCATIONS FIELD VERIFIED.
11. DOMESTIC HOT AND COLD WATER PIPING AND FITTINGS UNDER SLAB SHALL BE ASTM B305 COPPER WATER TUBE, TYPE K, SOFT ANNEALED. NO JOINTS SHALL BE ALLOWED UNDER THE SLAB.
12. DOMESTIC WATER PIPING AND FITTINGS ABOVE THE SLAB SHALL BE ASTM B88 COPPER WATER TUBE, TYPE L, HARD DRAWN WITH COPPER PRESSURE TYPE FITTINGS, ANSI B16.22. THE JOINTS SHALL BE SOLDERED TYPE USING ASTM B32, ALLOY GRADE 95A (95-5) SOLDER.
13. SOIL, WASTE, VENT PIPING AND FITTINGS ABOVE THE SLAB SHALL BE SERVICE WEIGHT CAST IRON PIPE WITH BELL AND SPIGOT ENDS AND ONE PIECE NEOPRENE INSERT TYPE GASKET. USE PVC SCHEDULE 40 OR ABS DWV PIPES AND FITTINGS WHERE PERMITTED BY CODE.
14. ALL WATER PIPING AND FITTINGS ABOVE THE FLOOR SHALL BE INSULATED WITH 1/2" THICK FIBERGLASS INSULATION AND JACKET.
15. ALL ELECTRICAL, MECHANICAL AND PLUMBING ELEMENTS PENETRATING FIRE PARTITIONS SHALL BE FIRE CAULKED. (PENETRATIONS THROUGH RATED CONSTRUCTION SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM-E814.)
16. SEE ROOF PLAN FOR PLUMBING ROOF PENETRATIONS. ROUTE VENT PIPES IN ATTIC AS NECESSARY.
17. ALL VENTS THROUGH ROOF (VTR) SHALL BE LOCATED A MINIMUM OF 10'-0" FROM ANY MECHANICAL OR NATURAL AIR INTAKE.

PLUMBING ABBREVIATIONS

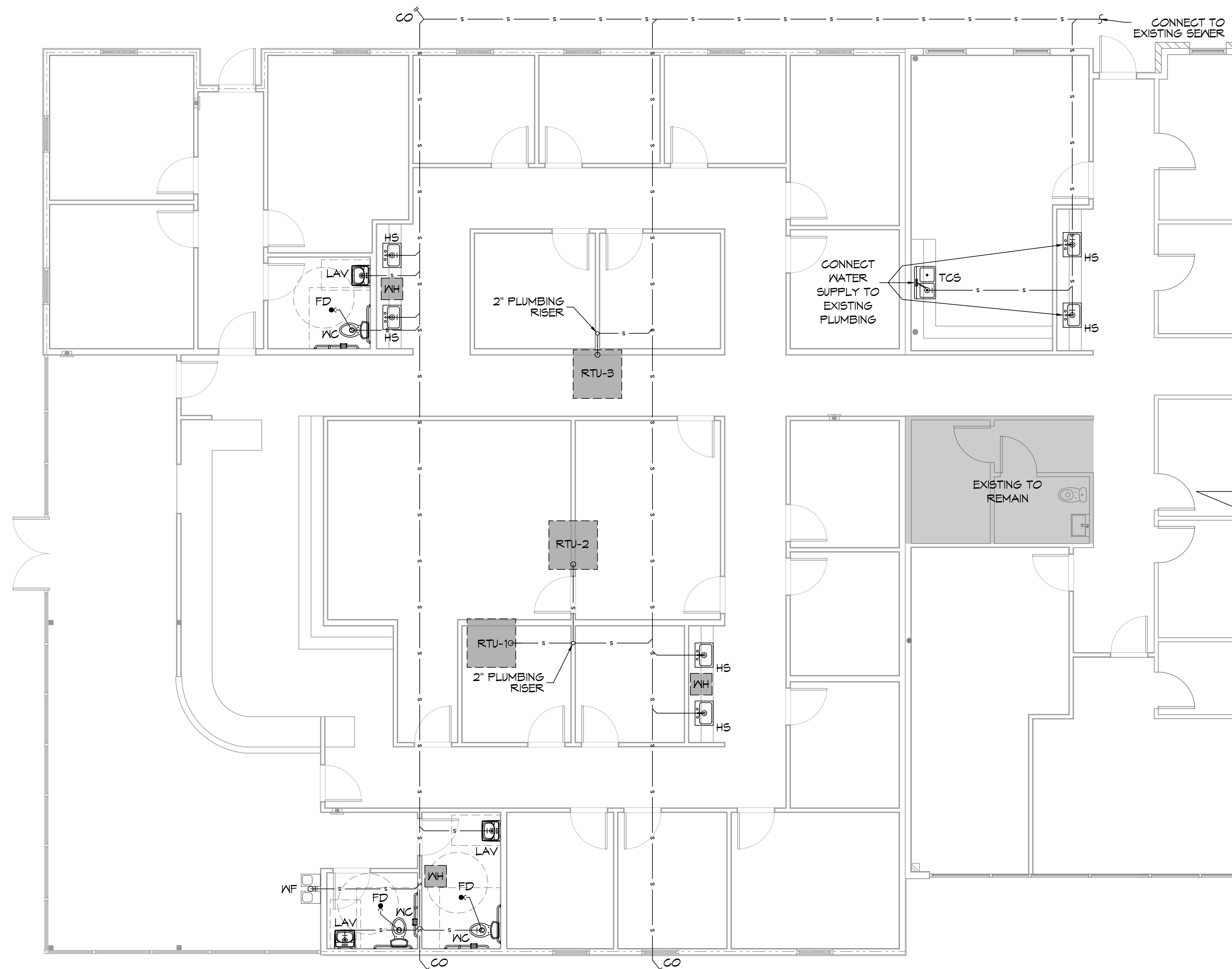
HS	HAND SINK	WC	ADA WATER CLOSET
LAV	LAVATORY	TCS	TWO COMPARTMENT SINK
NF	ADA WATER FOUNTAIN		
WH	TANKLESS WATER HEATER		

LEGEND

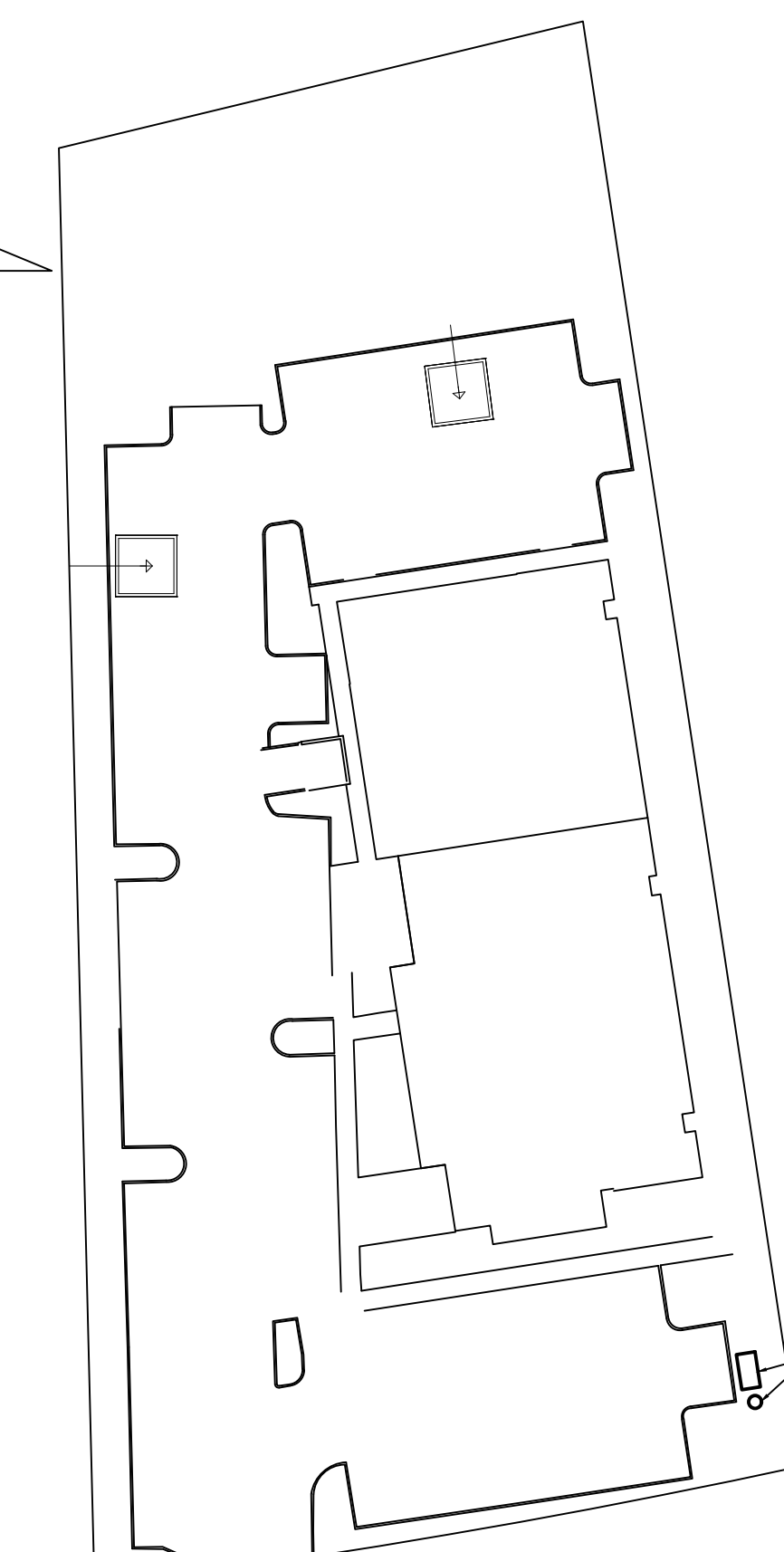
SYMBOL	DESCRIPTION
— s — s —	SANITARY SEWER
— v — v —	VENT PIPE
FD	FLOOR DRAIN
CO	CLEAN OUT
WH	3.4KW TANKLESS WATER HEATER
GH	ELBOW UP

SEWAGE TREATMENT NOTES

1. PLUMBING CONTRACTOR SHALL UPGRADE THE EXISTING SYSTEM TO A 2,000 GALLON TREATMENT SYSTEM. THE EXISTING SYSTEM IS LOCATED NEAR THE FRONT OF THE PROPERTY.



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



13 SEWAGE TREATMENT
SCALE: N.T.S.

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REVISIONS	DATE
#	DESCRIPTION

SEAL:
BID SET NOT FOR CONSTRUCTION

HONTASMOB
NEW ADDITION
1121 LA HWY 21
COVINGTON, LA 70433
JOB No: 2443
DATE: 10-30-2021
DRAWN BY: TMT
CHECKED BY: DPF

SHEET TITLE:
PLUMBING PLAN AND PLUMBING RISER DIAGRAM
DRAWING NUMBER:
P101
SHEET No: 16 of 16