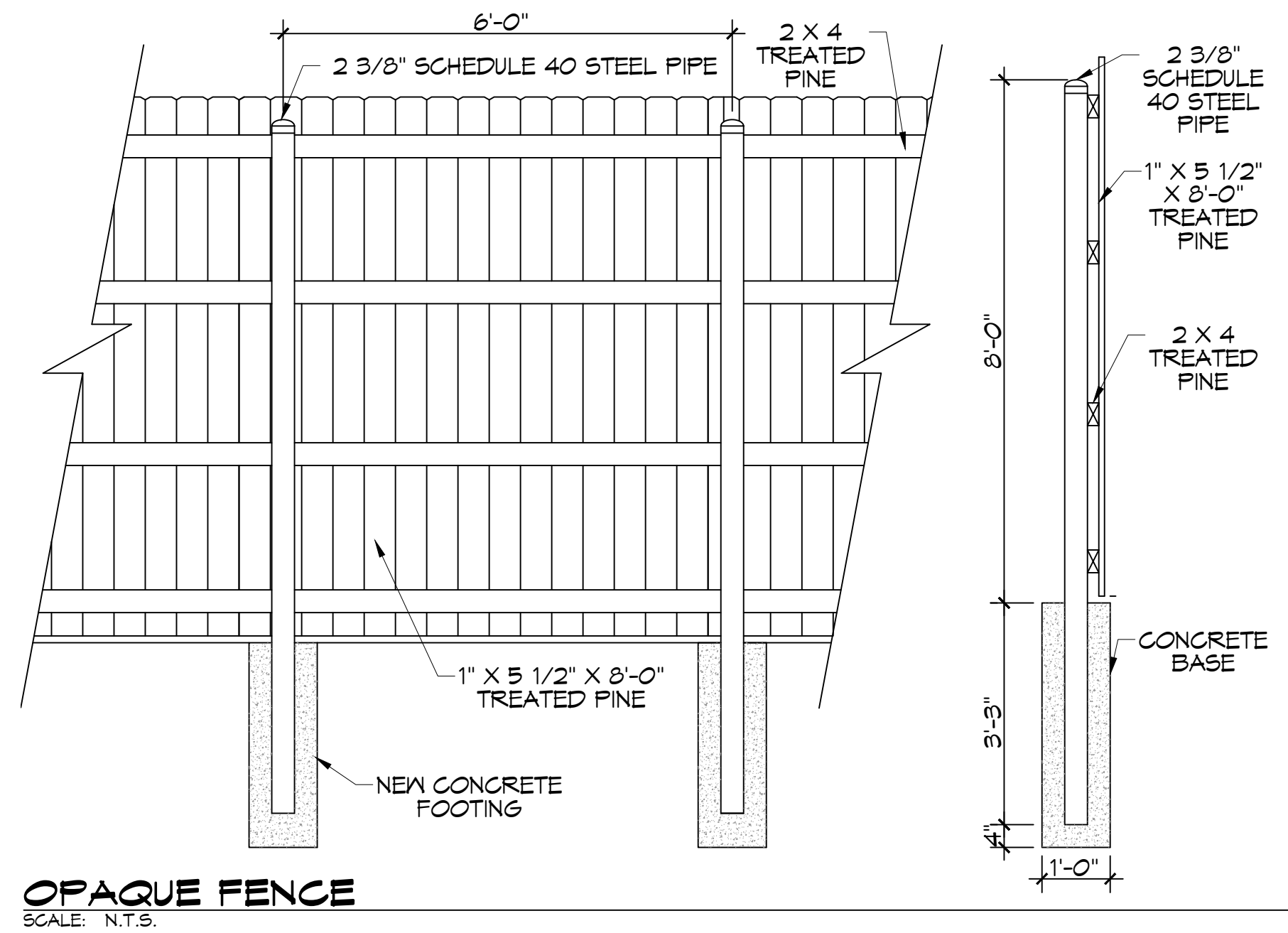


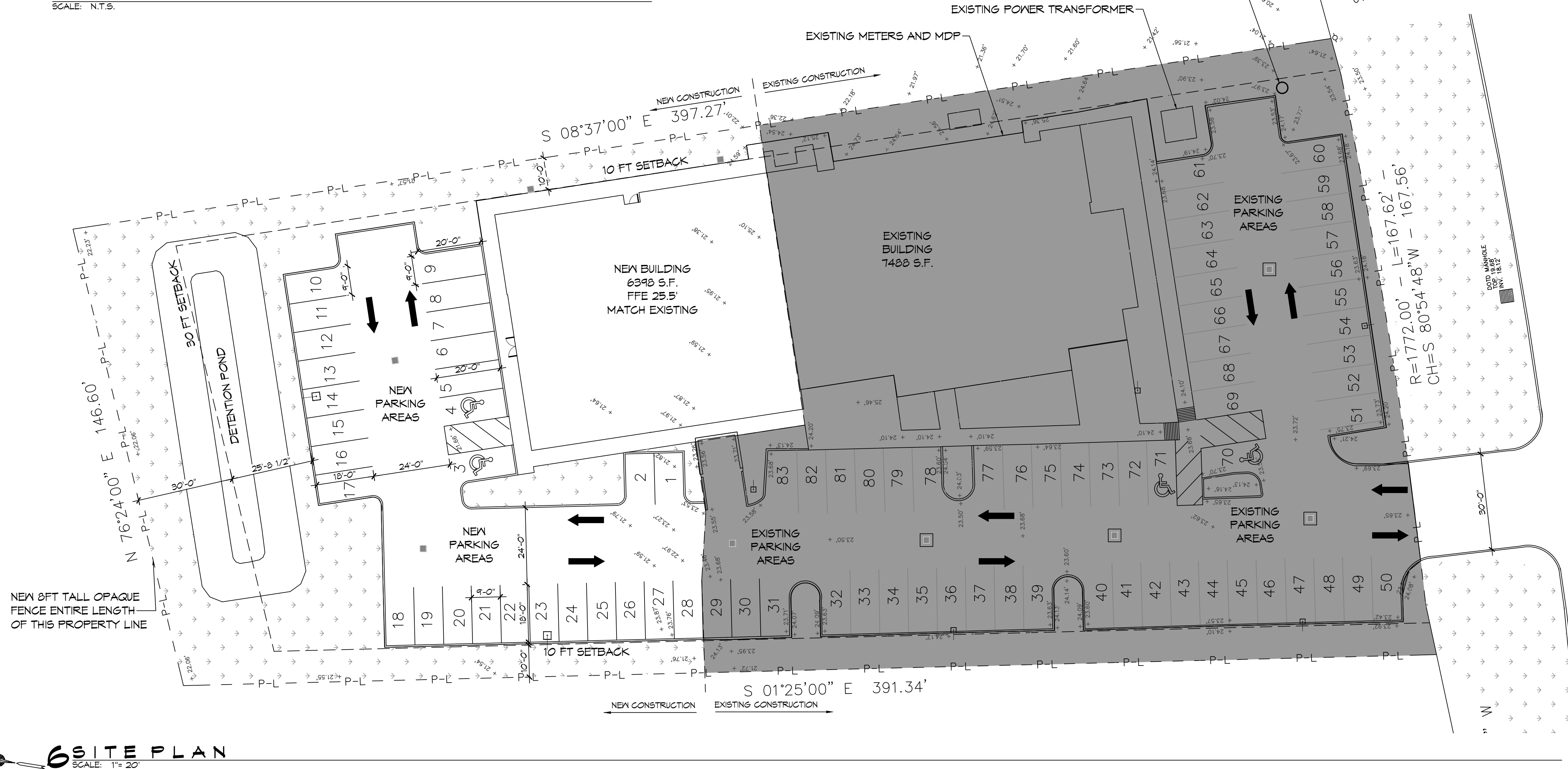




PLOT NAME: A-1, HAYSTACK - MEDICAL - BERRY'S SAS - HONOR 408, ADDRESS: 12121 LA HWY 21, COVINGTON, LA 70433, DATE: 03/2022, DRAWN BY: B. MOOB, CHECKED BY: G. MOOB, DATE: 03/2022, SCALE: 1"=20', SHEET NO: C101, TOTAL SHEETS: 1



**OPAQUE FENCE**  
SCALE: N.T.S.



**SITE PLAN**  
SCALE: 1"=20'

<b>PLANNING</b>
ZONED - HG-2
<b>FLOOD ZONE</b>
ZONE 'X'
<b>BUILDING ELEVATION</b>
BASE FLOOD ELEVATION = N/A FINISHED FLOOR ELEVATION = 25.5'
<b>PARKING CALCS</b>
REQUIRED PARKING FOR MEDICAL OFFICE BUILDING = 5 PER 1,000 S.F. FLOOR AREA AREAS = 7,400 S.F. + 6390 S.F. = 13,800 S.F. 13,800 / 1,000 = 13.800 x 5 = 69 SPACES REQUIRED 83 PROVIDED
<b>SITE LIGHTING</b>
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.
<b>SITE LEGEND</b>
<ul style="list-style-type: none"> <li> - UTILITY POLE</li> <li> - POLE MOUNTED LIGHT</li> <li> - CATCH BASIN</li> <li> - DIRECTION OF TRAFFIC FLOW</li> <li> - LANDSCAPING</li> <li> - EXISTING ELEVATIONS</li> </ul>
<b>TREE &amp; STUMP REMOVAL NOTES:</b>
<ol style="list-style-type: none"> <li>1. 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.</li> <li>2. 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.</li> <li>3. CONTRACTOR SHALL PROTECT ANY EXISTING FENCE, SIDEWALK, CURB, STREETS, MANHOLE COVERS AND CATCH BASINS NOT SHOWN ON THESE PLANS FOR REMOVAL.</li> <li>4. 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.</li> <li>5. 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.</li> <li>6. 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.</li> <li>7. THE GENERAL CONTRACTOR SHALL BACKFILL THESE HOLES.</li> <li>8. CONTRACTOR SHALL WARRANTY WORK AGAINST SUCKER GROWTH FOR A PERIOD OF ONE (1) YEAR.</li> </ol>

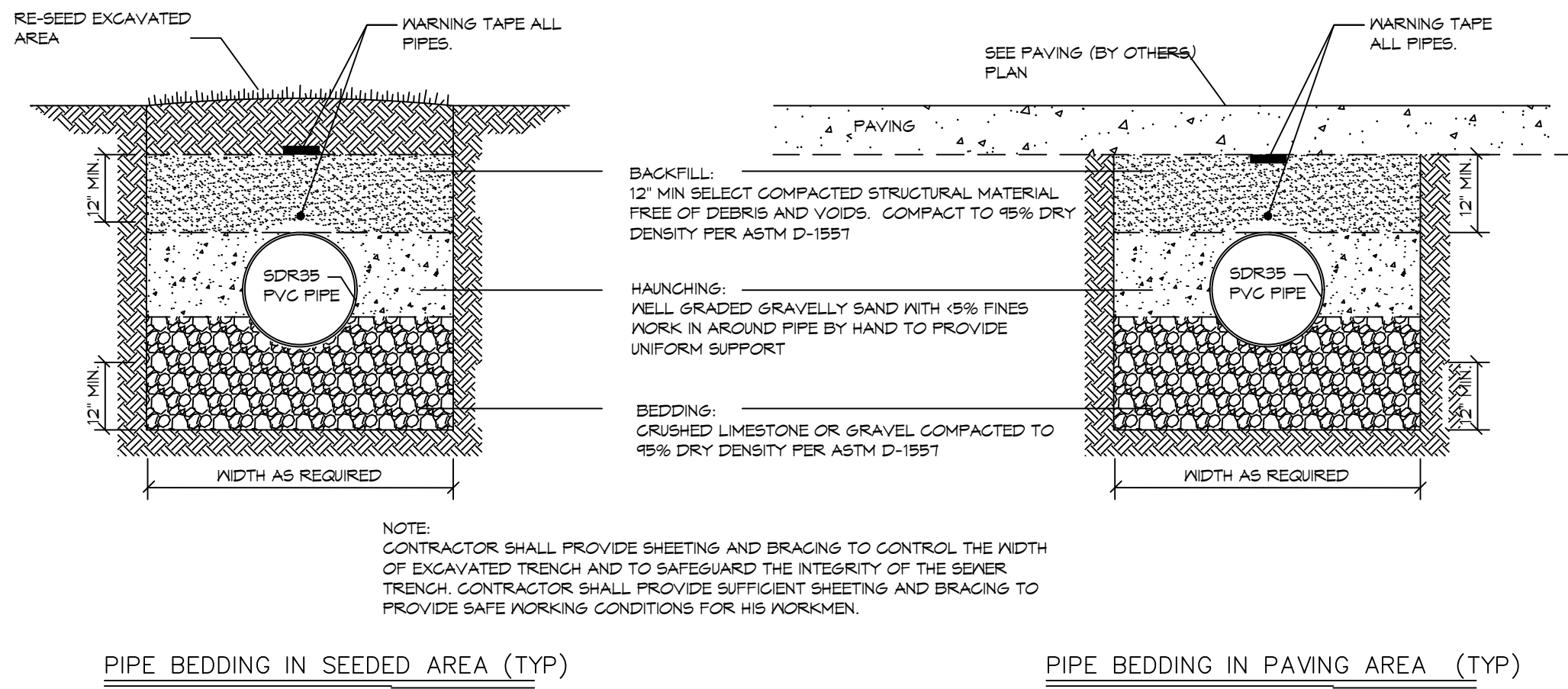
**DAMMON ENGINEERING, INC.**  
 LOUISIANA & MISSISSIPPI  
 Chief Engineer: Brian Mistich, PE  
 554 Old Spanish Trail  
 Slidell, LA 70458  
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#	DESCRIPTION	DATE



**NEW ADDITION**  
**HONTAS MOOB**  
 12121 LA HWY 21  
 COVINGTON, LA 70433  
 JOB No: 2443  
 DATE: 03-05-2022  
 DRAWN BY: B. MOOB  
 CHECKED BY: G. MOOB

SHEET TITLE:  
 SITE PLAN  
 DRAWING NUMBER:  
**C101**  
 SHEET No: 3 of 19



PIPE BEDDING IN SEEDED AREA (TYP)

PIPE BEDDING IN PAVING AREA (TYP)

PIPE BEDDING DETAIL

GRADING NOTES

- GC SHALL REMOVE EXISTING NEAR SURFACE TOPSOIL WITH ORGANICS AND OTHER DELETERIOUS MATERIALS, APPROXIMATELY 6 INCHES. HOWEVER SINCE CONSTRUCTION OF THE EXISTING BUILDING MANY RUTS AND PONDING HAS OCCURRED IN THE PAVING AREAS. THE EXPOSED SUBGRADE IN THE DRIVE LANES AND PARKING AREAS SHALL BE PROOF-ROLLED WITH A RUBBER Tired VEHICLE WEIGHING ABOUT 20 TONS; PROOF-ROLLING SHALL BE MONITORED AND 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 FREE OF ORGANIC OR OTHER DELETERIOUS MATERIALS WITH A LIQUID LIMIT LESS THAN 40 AND A PLASTICITY INDEX BETWEEN 10 & 18 PERCENT. FILL SHALL BE PLACED IN MAXIMUM LIFTS OF SIX (6) INCHES OF LOOSE MATERIAL, COMPACTED TO AT LEAST 95 PERCENT OF THE FILL'S MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D698. IN-SITU TEST SHALL BE PERFORMED TO VERIFY MOISTURE CONTENT OF EACH LIFT. IF WATER MUST BE ADDED, IT SHALL BE UNIFORMLY APPLIED AND THOROUGHLY MIXED INTO THE SOIL BY DISKING OR SCARIFYING. IN-PLACE DENSITY MEASUREMENTS SHALL BE TAKEN TO ASSURE THAT THE ABOVE DEGREE OF COMPACTION IS ACHIEVED.
- A MINIMUM OF 6" OF COMPACTED FILL MATERIAL SHALL BE PROVIDED FOR ALL PAVING.
- PROVIDE AND MAINTAIN IMMEDIATE SITE DRAINAGE BEFORE, DURING, AND AFTER CONSTRUCTION. PROVIDE GRADING, SHAELS, AND SUMP PUMPS AS MAY BE REQUIRED TO IMMEDIATELY DRAIN ALL RAINWATER FROM THE CONSTRUCTION AREA. EXCAVATIONS SHOULD BE OBSERVED AND CONCRETE PLACED AS QUICKLY AS POSSIBLE TO AVOID EXPOSURE OF THE EXCAVATION 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 AN EXCAVATION BE LEFT OPEN FOR MORE THAN ONE DAY, THEY SHOULD BE PROTECTED TO REDUCE EVAPORATION OR ENTRY OF MOISTURE.

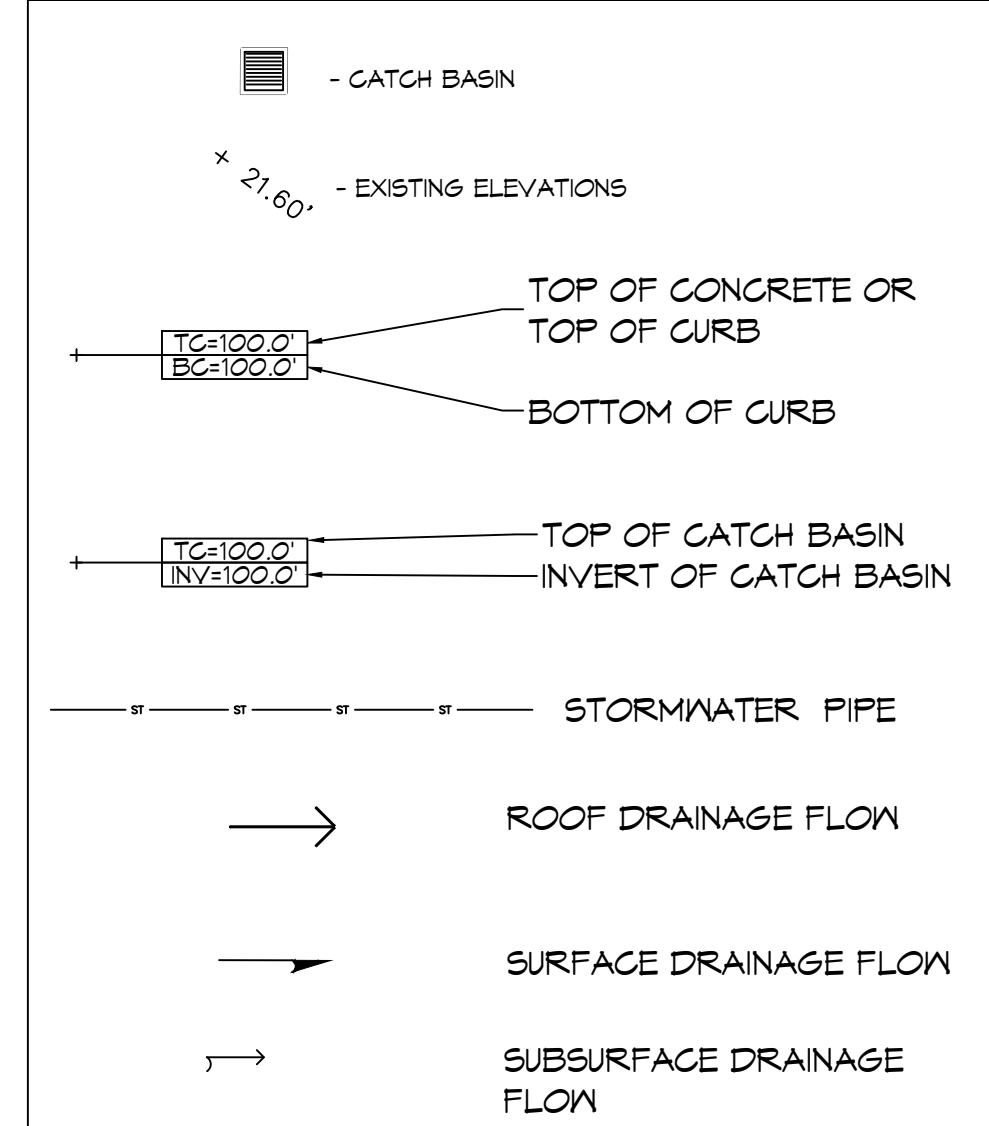
GENERAL SITE DRAINAGE NOTES

- CONTRACTOR SHALL COMPLY WITH THE STORMWATER POLLUTION PREVENTION PLAN.
- ALL STORMWATER PIPING SHALL BE SDR 35 POLYVINYL CHLORIDE PLASTIC PIPE, MEETING ASTM D 3034. DRAIN PIPE(S) SHALL BE THE BELL AND SPIGOT TYPE WITH 1" O-RING RUBBER GASKETS. THE BELLS OF THE PIPES SHALL BE LAID UPSTREAM. ALL JOINTS SHALL BE WRAPPED WITH GEOTEXTILE FABRIC. ALL PIPES SHALL REQUIRE 12" COMPACTED SAND OR LIMESTONE BEDDING.
- ELEVATIONS SHOWN ARE MSL.
- FIELD VERIFY ALL ELEVATIONS AND DRAINAGE SYSTEM PLACEMENT PRIOR TO START OF WORK.
- THE PERIMETER OF THE PROJECT PROPERTY SHALL BE GRADED SUCH THAT NO RUNOFF IS DISCHARGED TO ADJACENT LOTS(S).
- CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION PRIOR TO PLACING EQUIPMENT, PERSONNEL OR STARTING WORK ON NEIGHBORING PROPERTIES.

UTILITY AND SITE DISCLAIMER

- THIS DRAWING IS NOT INTENDED TO BE UTILIZED AS A BOUNDARY SURVEY. IT HAS BEEN PROVIDED AS A COURTESY BASED ON CORNERS FOUND AND PROVIDED BY OWNER OR HIS REP.
- UNDERGROUND UTILITIES MAY BE PRESENT ON THIS SITE WHICH MAY OR MAY NOT BE DEPICTED ON THIS PLAN. THIS MAP SHOULD NOT BE CONSIDERED DEFINITIVE AS TO LOCATION, NUMBER, TYPE, ETC. OF UTILITIES PRESENT ON THE SITE.
- CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION PRIOR TO COMMENCEMENT. PRIVATE UTILITIES SHALL BE COORDINATED WITH OWNER OR THIRD PARTY LOCATION COMPANY.

SITE LEGEND

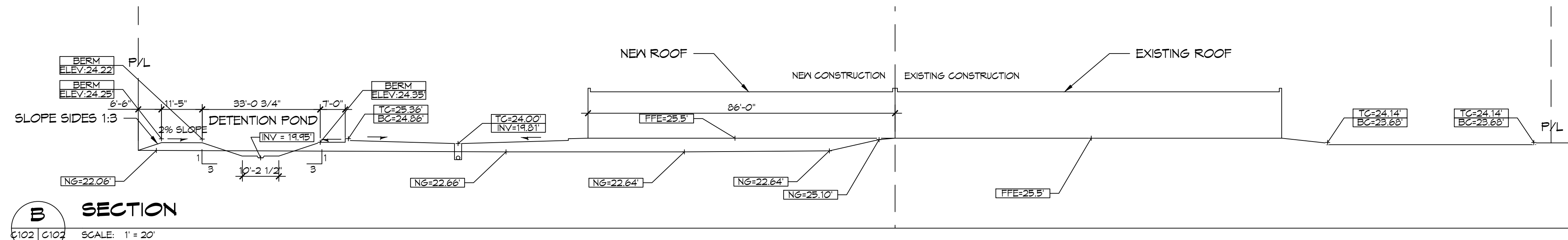


DRAINAGE ABBREVIATIONS

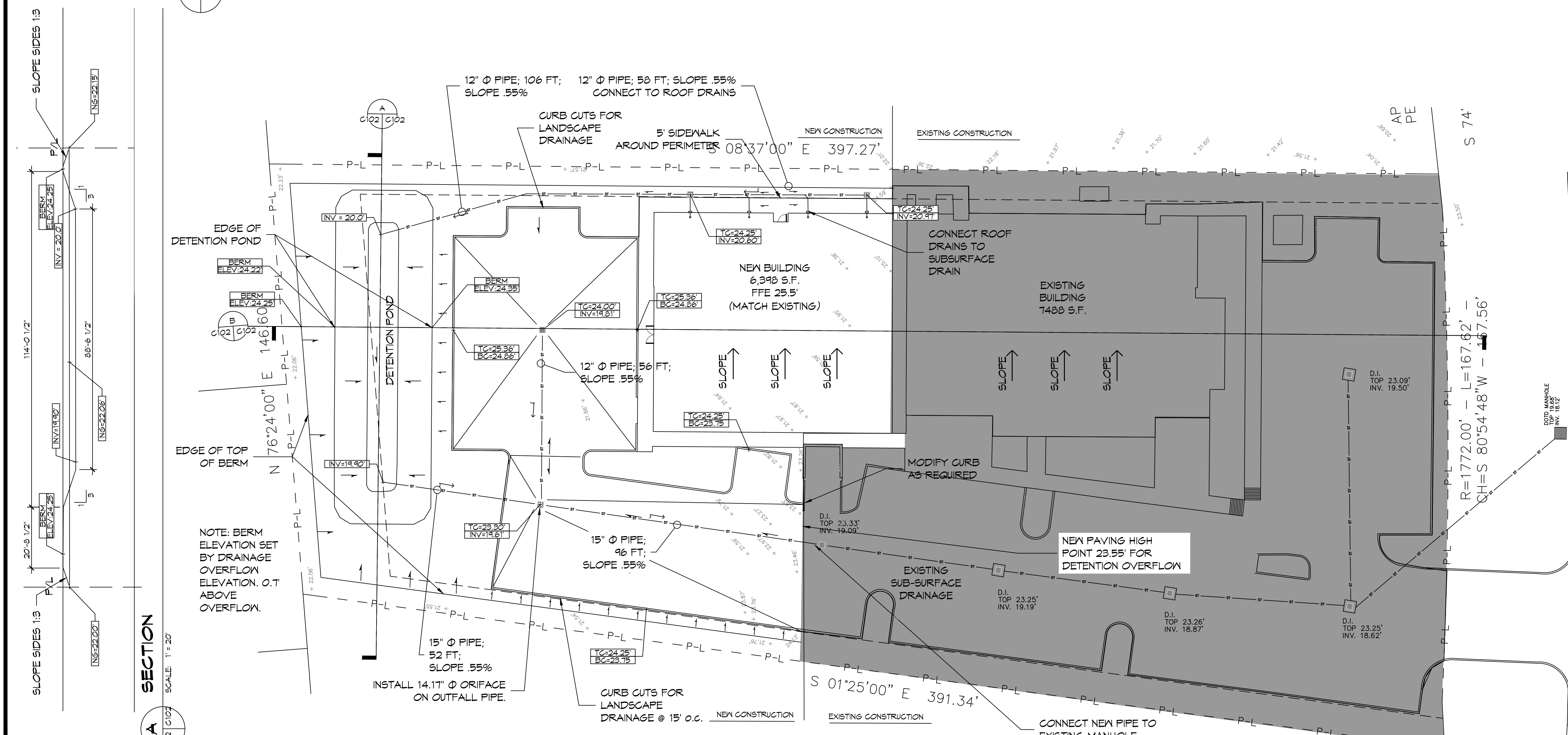
- TC TOP OF CATCH BASIN OR TOP OF CURB
- BC BOTTOM OF CURB
- INV INVERT
- TOB TOP OF BERM

DETENTION CALCULATIONS

- ALL STORM WATER DETENTION WILL BE DETAINED IN THE POND.
- STORM WATER OVERFLOW IS SET FOR AN ELEVATION OF 23.55'.
- THE POND WAS MEASURED AT 59.22 S.F. USING THE OVERFLOW ELEVATION ABOVE AND SECTION B. THE BASE OF THE POND MEASURES 41.3 LINEAR FT. THIS POND WILL DETAIN A MINIMUM OF 5,406 CUBIC FT OF WATER BEFORE OVERFLOW OCCURS.

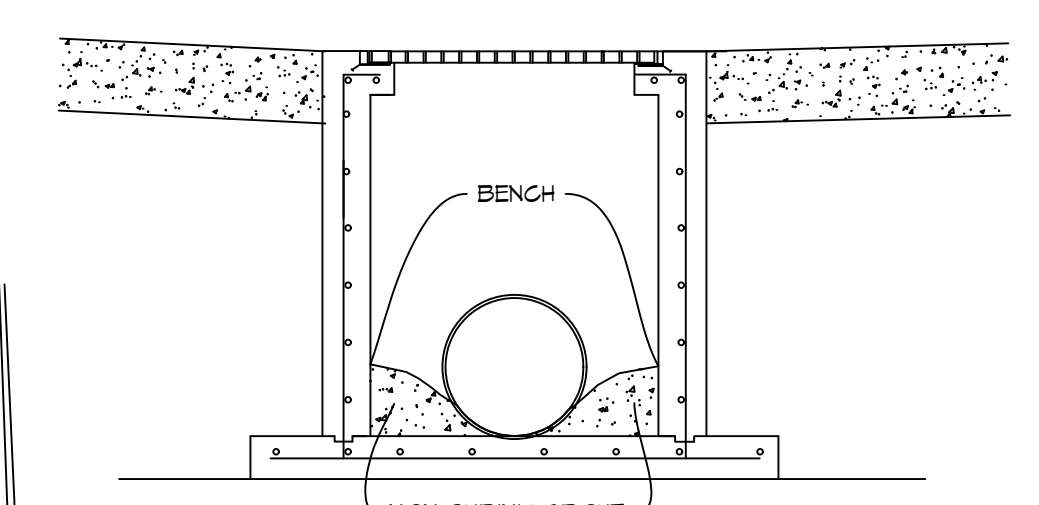


SECTION B SCALE: 1" = 20'

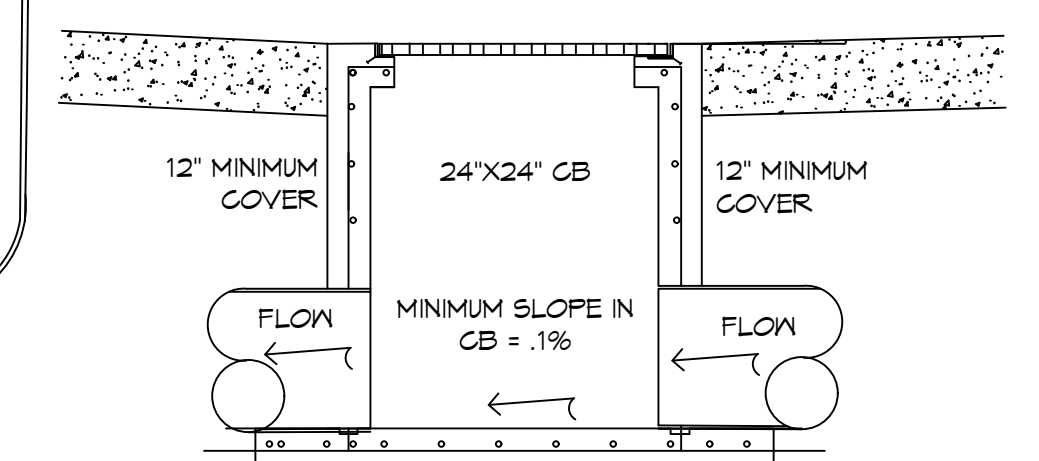
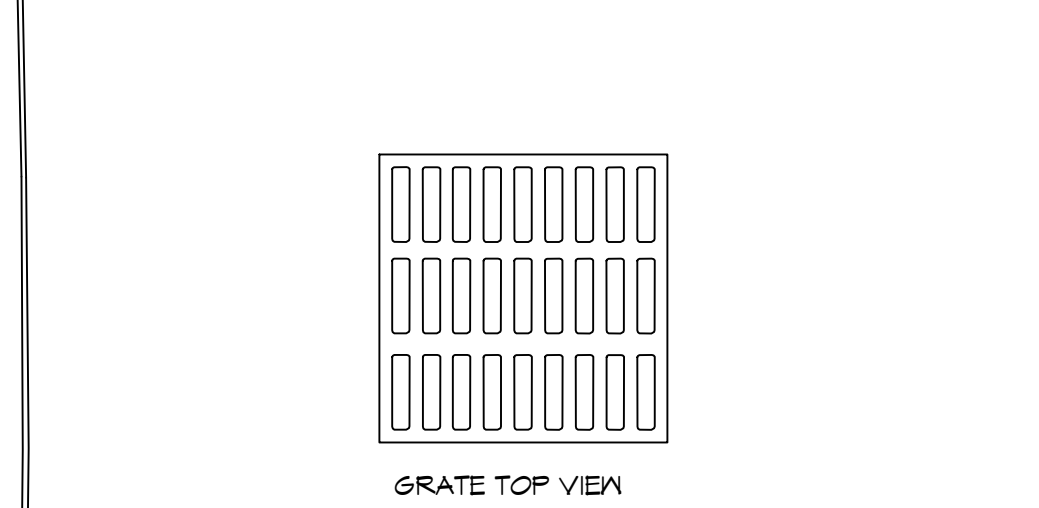


SECTION A SCALE: 1" = 20'

7 SITE GRADING AND DRAINAGE PLAN SCALE: 1" = 20'



- NOTES:
- NON-SHRINK GROUT SHALL COMPLY WITH SECTION 1010, LADOTD STANDARD SPECIFICATION FOR ROADS AND BRIDGES, 2016.
  - FOR CONNECTING PLASTIC AND METAL PIPE TO PRECAST UNITS USE RESILIENT CONNECTORS CONFORMING TO ASTM C423.



- NOTES:
- CB'S AND GRATES IN TRAFFIC AREAS SHALL BE LOAD RATED FOR AASHTO M300 & MEET THE REQUIREMENTS OF THE LATEST EDITION OF ASTM A 48/ASTM A 572. ALL GRATES SHALL BE GALVANIZED. ALL CATCH BASINS AND GRATES SHALL COMPLY WITH SECTION 102, LADOTD STANDARD SPECIFICATION FOR ROADS AND BRIDGES, 2016.

TYP. DRAIN GRATE DETAIL

**DAMMON ENGINEERING, INC.**  
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Chief Engineer: Brian M. Misch  
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#	DESCRIPTION	DATE



NEW ADDITION  
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SHEET TITLE:  
SITE GRADING AND DRAINAGE PLAN

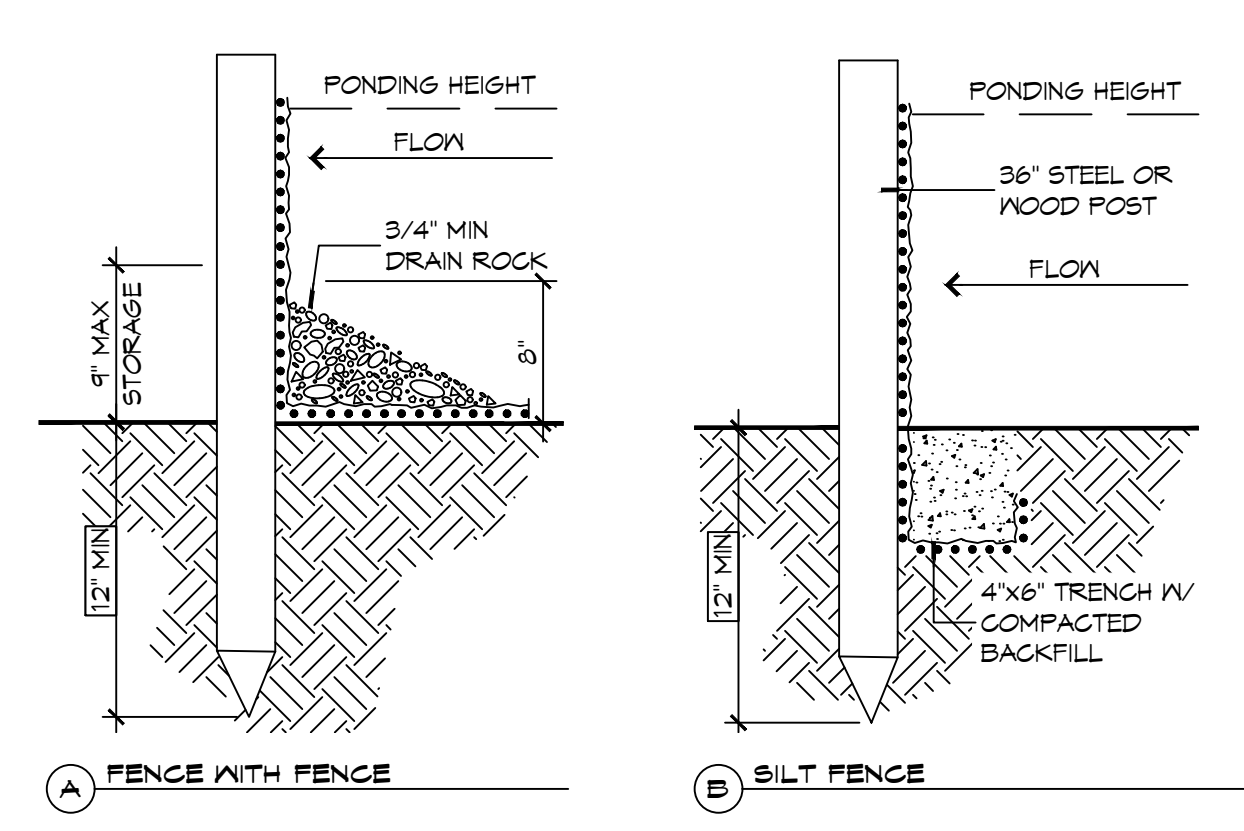
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SHEET No: 4 of 19

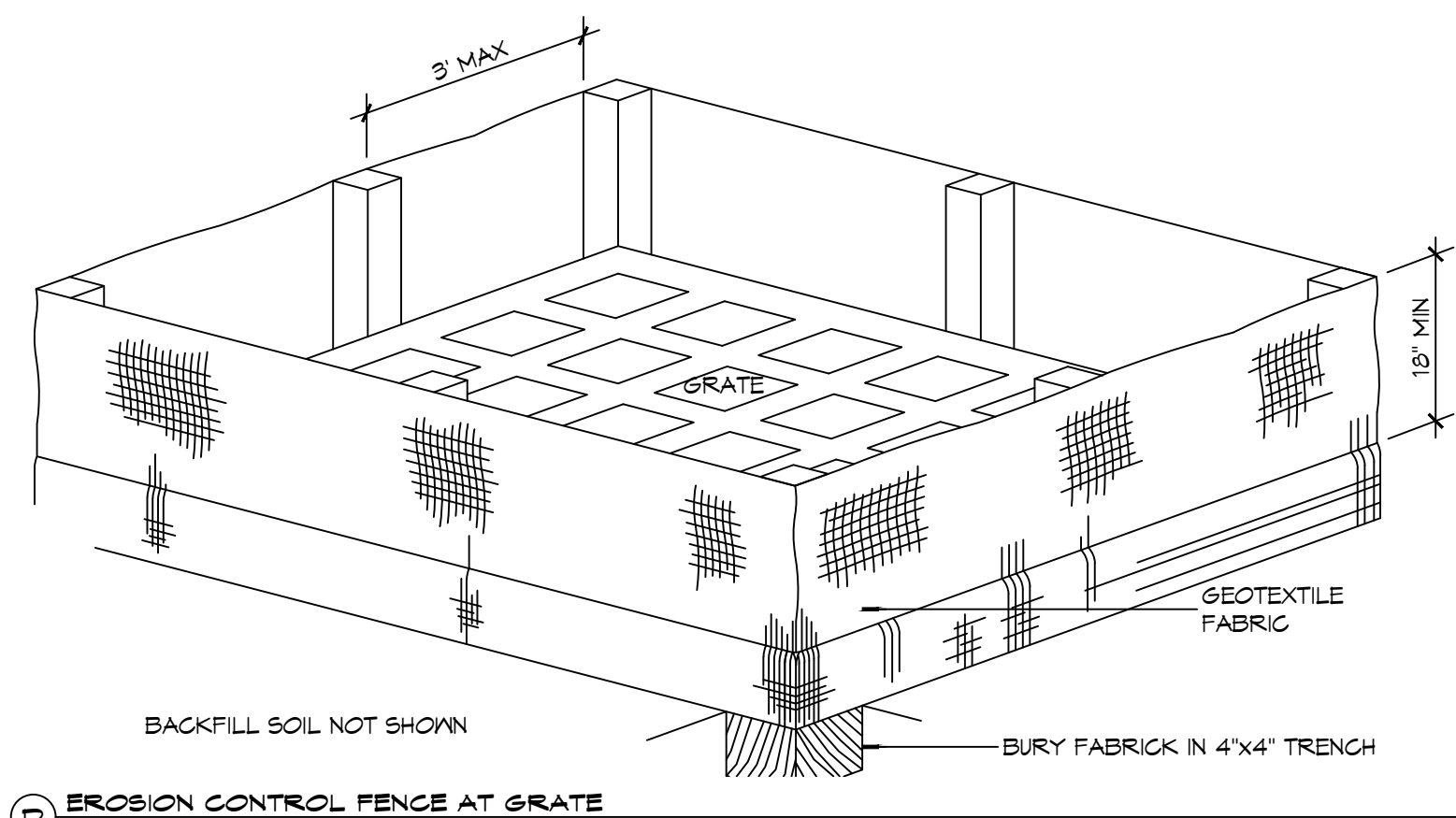
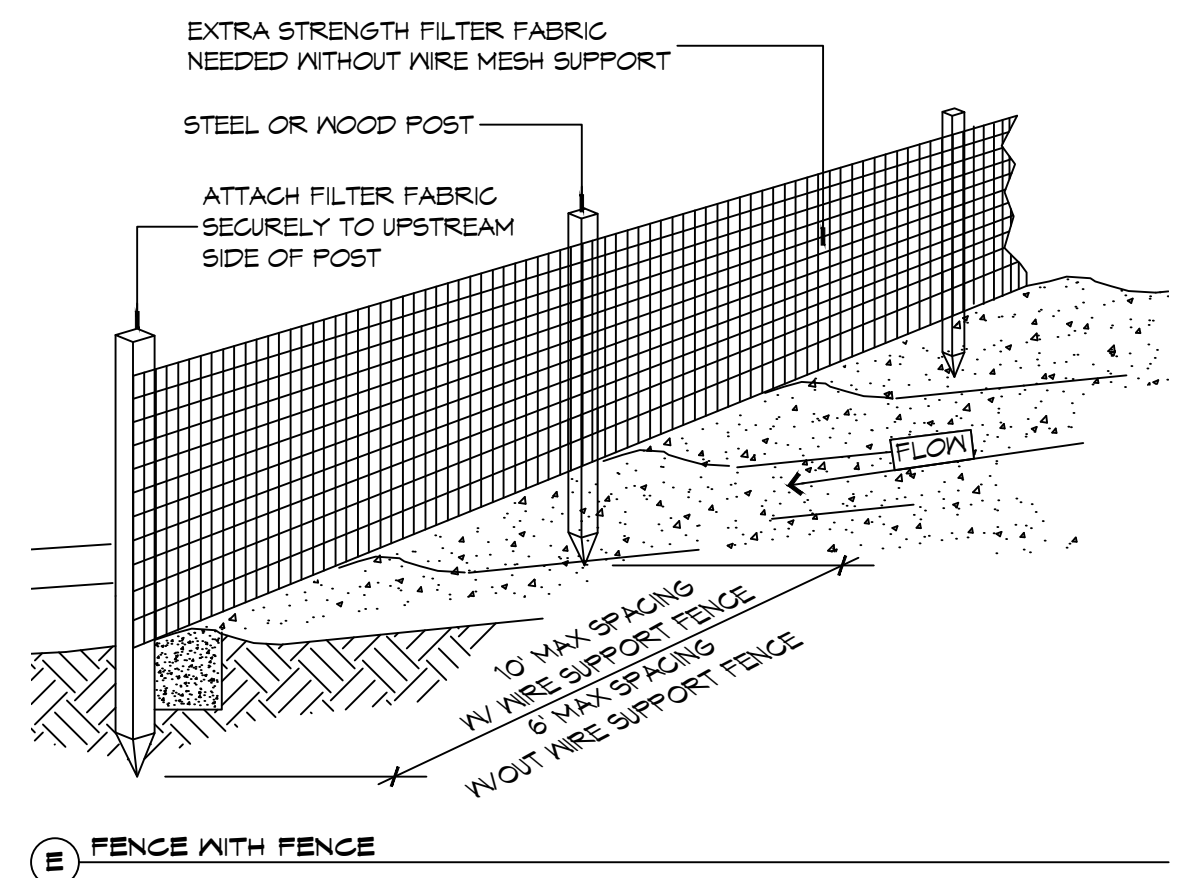
DATE: 09-05-2022  
JOB No: 2449  
DRAWN BY: PDP  
CHECKED BY: GKD



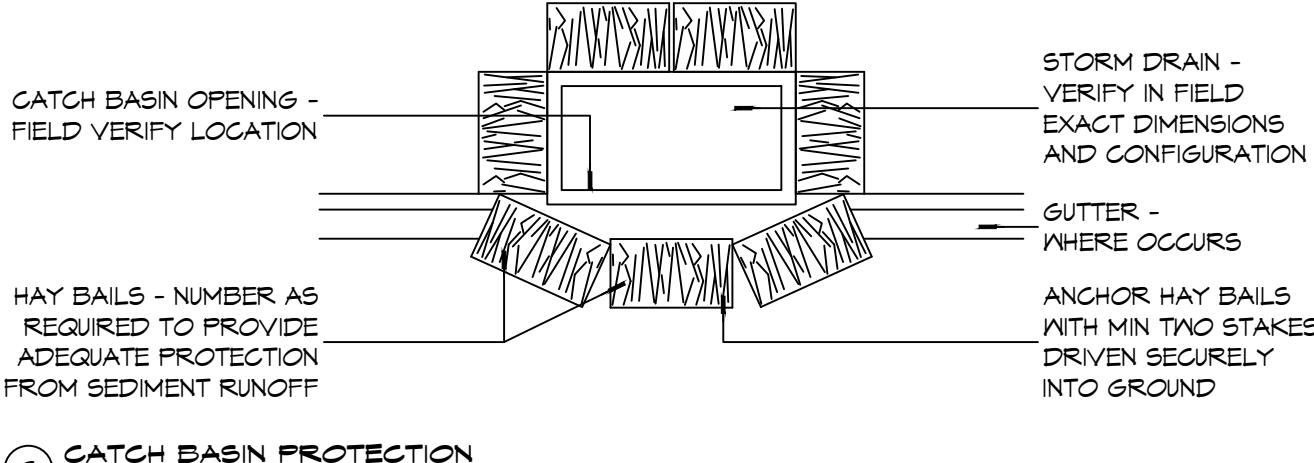
13 EROSION CONTROL PLAN  
 SCALE: 1" = 20'  
 DATE: 09-05-2022  
 CHECKED BY: GKD  
 DRAWN BY: PDP



- EROSION CONTROL FENCE NOTES:**  
 THE TEMPORARY DROP INLET SILT TRAP IS TO BE USED IN SMALL DRAINAGE AREAS (LESS THAN 1 ACRE) WHERE THE STORM DRAIN IS FUNCTIONAL BEFORE THE AREA IS STABILIZED. THE TRAP CAN BE EITHER GEOTEXTILE FABRIC OR HAY BALES.
1. THE GEOTEXTILE FABRIC SHALL CONFORM TO SECTION 1019 (TYPE G) OF THE LA DOTD STANDARD SPECIFICATIONS.
  2. WOODEN STAKES SUPPORTING THE FABRIC SHALL BE SPACED AROUND THE INLET AT A MAXIMUM SPACING OF 3 FEET.
  3. THE HEIGHT OF THE FABRIC ABOVE THE INLET SHALL BE LIMITED TO 1'-6" AND THE BOTTOM OF THE FABRIC SHALL BE BURIED IN A TRENCH APPROXIMATELY 4" WIDE BY 4" DEEP. THE FABRIC SHALL BE STAPLED TO POST WITH 1/2" STAPLES.
  4. THE TRAP SHOULD BE INSPECTED REGULARLY AND AFTER EACH STORM, THE SEDIMENT SHOULD BE REMOVED AND MAKE SURE EACH STAKE IS FIRMLY IN THE GROUND.



**EROSION CONTROL FENCE AT GRATE**  
 EROSION CONTROL FENCE AT PROPERTY LINE OR LIMITS OF CONSTRUCTION



**CATCH BASIN PROTECTION**  
 SCALE: N.T.S.

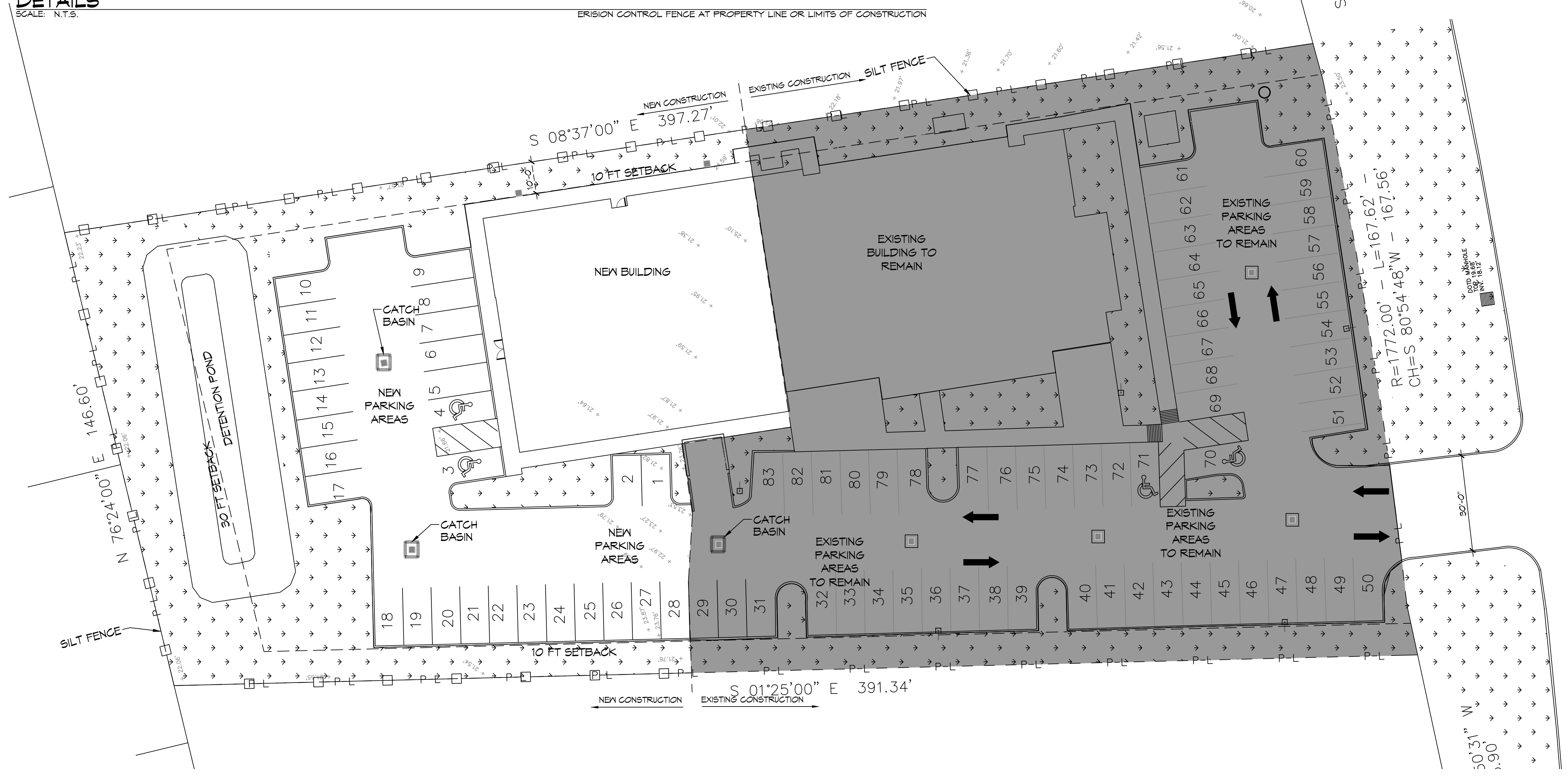
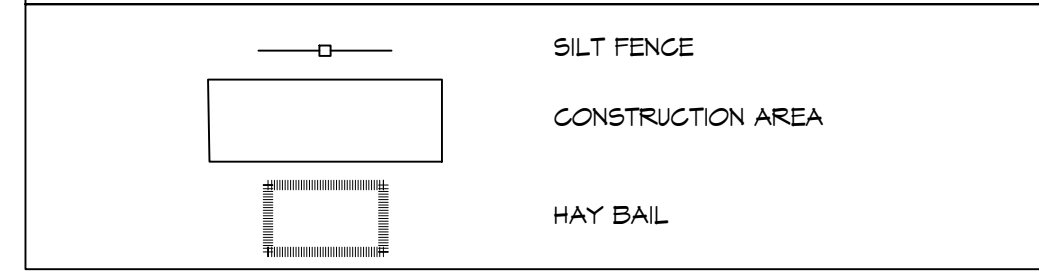
**GENERAL EROSION CONTROL NOTES**

1. ALL APPLICABLE EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IN PLACE PRIOR TO ANY GRADING OPERATION AND/OR INSTALLATION OF PROPOSED STRUCTURES OR UTILITIES.
2. SOIL EROSION AND SEDIMENT CONTROL PRACTICES ON THIS PLAN SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARDS OF THE AUTHORITY HAVING JURISDICTION.
3. APPLICABLE EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE LEFT IN PLACE UNTIL CONSTRUCTION IS COMPLETED AND/OR THE AREA IS STABILIZED.
4. THE CONTRACTOR SHALL PERFORM ALL WORK, FURNISH ALL MATERIALS, AND INSTALL ALL MEASURES REQUIRED TO REASONABLY CONTROL THE SOIL EROSION RESULTING FROM CONSTRUCTION OPERATIONS AND PREVENT EXCESSIVE FLOW OF SEDIMENT FROM THE CONSTRUCTION SITE.
5. ANY DISTURBED AREA THAT IS TO BE LEFT EXPOSED FOR MORE THAN THIRTY (30) DAYS AND NOT SUBJECT TO CONSTRUCTION TRAFFIC SHALL IMMEDIATELY RECEIVE A TEMPORARY SEEDING AND FERTILIZATION IN ACCORDANCE WITH THE AUTHORITY HAVING JURISDICTION'S STANDARDS.
6. THE SITE SHALL BE AT ALL TIMES BE GRADED AND MAINTAINED SUCH THAT ALL STORMWATER RUNOFF IS DIVERTED TO SOIL EROSION AND SEDIMENT CONTROL FACILITIES.
7. ALL CATCH BASIN INLETS SHALL BE PROTECTED IN ACCORDANCE WITH THESE PLANS.
8. EXCAVATED MATERIAL STOCKPILED ON THE SITE SHALL BE SURROUNDED BY A RING OF UNBROKEN SEDIMENT AND EROSION CONTROL FENCE. THE LIMITS OF ALL GRADING AND DISTURBANCE SHALL BE KEPT TO A MINIMUM WITHIN THE APPROVED AREA OF CONSTRUCTION. ALL AREAS OUTSIDE OF THE LIMIT OF CONTRACT SHALL REMAIN TOTALLY UNDISTURBED UNLESS OTHERWISE APPROVED BY OWNER'S REPRESENTATIVE.
9. ANY AREA OUTSIDE THE PROJECT LIMIT THAT IS DISTURBED SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT NO COST TO THE OWNER.
10. THE CONTRACTOR SHALL PROVIDE DUST CONTROL FOR CONSTRUCTION OPERATIONS AS APPROVED BY OWNER.
11. ANY WORK WITHIN THE ROADWAY OR ADJACENT TO THE ROADWAY CAUSING AN INTERFERENCE TO VEHICULAR TRAFFIC MUST CONFORM TO THE REQUIREMENTS SET FORTH BY THE UNIFORM MANUAL OF TRAFFIC CONTROL DEVICES OF THE STATE OF LOUISIANA. THE CONTRACTOR MUST FURNISH ALL NECESSARY TRAFFIC SIGNS AND/OR BARRICADES AND MAINTAIN THEM DURING CONSTRUCTION ACTIVITY.
12. ALL POINTS OF CONSTRUCTION EGRESS OR INGRESS SHALL BE MAINTAINED TO PREVENT TRACKING OR FLOWING OF SEDIMENT ON TO PUBLIC/PRIVATE ROADS.

**SILT FENCE INSTALLATION NOTES**

1. THE BASE OF BOTH END POSTS MUST BE AT LEAST 2'-4" ABOVE THE TOP OF THE SILT FENCE FABRIC ON THE MIDDLE POSTS FOR DITCH CHECKS TO DRAIN PROPERLY. USE A HAND LEVEL OR STRING LEVEL. IF NECESSARY, TO MARK BASE POINTS BEFORE INSTALLATION.
2. INSTALL POSTS 3 - 4 FEET APART IN CRITICAL WATER RETENTION AREAS AND 6 - 7 FEET APART ON STANDARD APPLICATIONS.
3. INSTALL POSTS 24" DEEP ON THE DOWNSTREAM SIDE OF THE SILT FENCE, AND AS CLOSE AS POSSIBLE TO THE FABRIC, ENABLING POSTS TO SUPPORT THE FABRIC FROM UPSTREAM WATER PRESSURE.
4. INSTALL POSTS WITH THE NIPPLES FACING AWAY FROM THE SILT FENCE FABRIC.
5. ATTACH THE FABRIC TO EACH POST WITH THREE TIES, ALL SPACED WITHIN THE TOP 8" OF THE FABRIC. ATTACH EACH TIE DIAGONALLY 45° THROUGH THE FABRIC, WITH EACH PUNCTURE AT LEAST 1" VERTICALLY APART. ADDITIONALLY, EACH TIE SHOULD BE POSITIONED TO HANG ON POST NIPPLE WHEN TIGHTENED TO PREVENT SAGGING.
6. WRAP APPROXIMATELY 6" OF FABRIC AROUND THE END POSTS AND SECURE WITH 3 TIES.
7. NO MORE THAN 24" OF A 36" FABRIC IS ALLOWED ABOVE GROUND LEVEL.
8. THE INSTALLATION SHOULD BE CHECKED AND CORRECTED FOR ANY DEVIATIONS BEFORE COMPACTION. USE A FLAT-BLADED SHOVEL TO TUCK FABRIC DEEPER INTO THE SILT IF NECESSARY.
9. COMPACTION IS VITALLY IMPORTANT FOR EFFECTIVE RESULTS. COMPACT THE SOIL IMMEDIATELY NEXT TO THE SILT FENCE FABRIC WITH THE FRONT WHEEL OF THE TRACTOR, SKID STEER, OR ROLLER EXERTING AT LEAST 80 PSI OF PRESSURE. COMPACT THE UPSTREAM SIDE FIRST, AND THEN EACH SIDE TWICE FOR A TOTAL OF FOUR TRIPS.
10. SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.
11. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY. NINE INCH MAXIMUM RECOMMENDED STORAGE HEIGHT.
12. REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.

**EROSION CONTROL LEGEND**



**13 EROSION CONTROL PLAN**  
 SCALE: 1" = 20'

**DAMMON ENGINEERING, INC.**  
 LOUISIANA & MISSISSIPPI  
 Chief Engineer: Brian M. Misch, PE  
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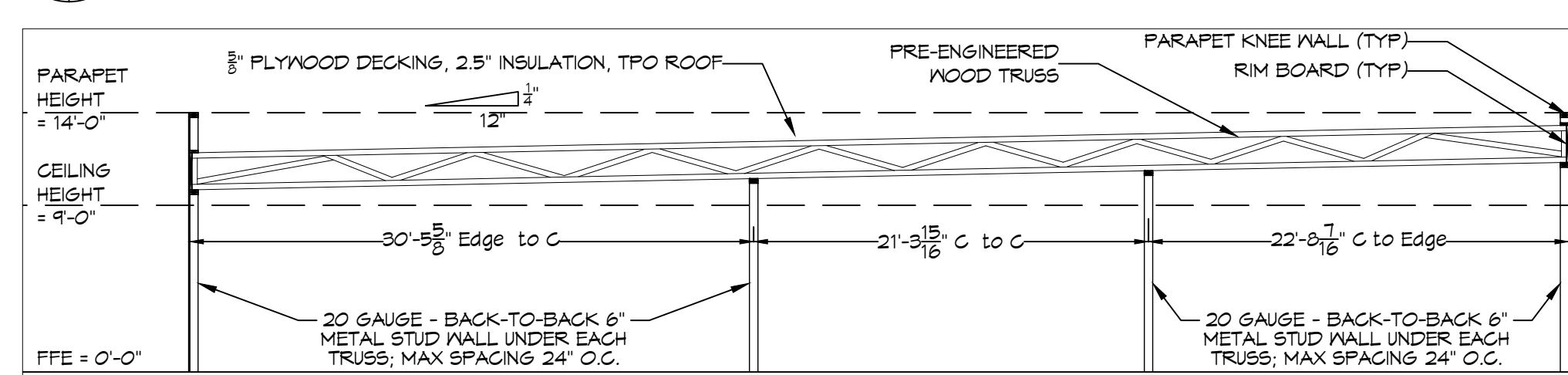
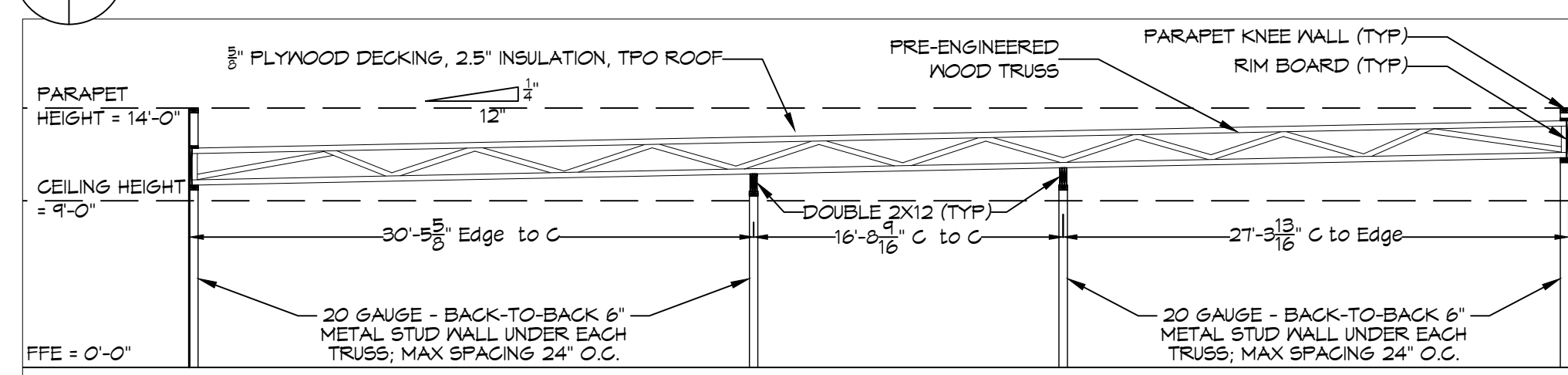
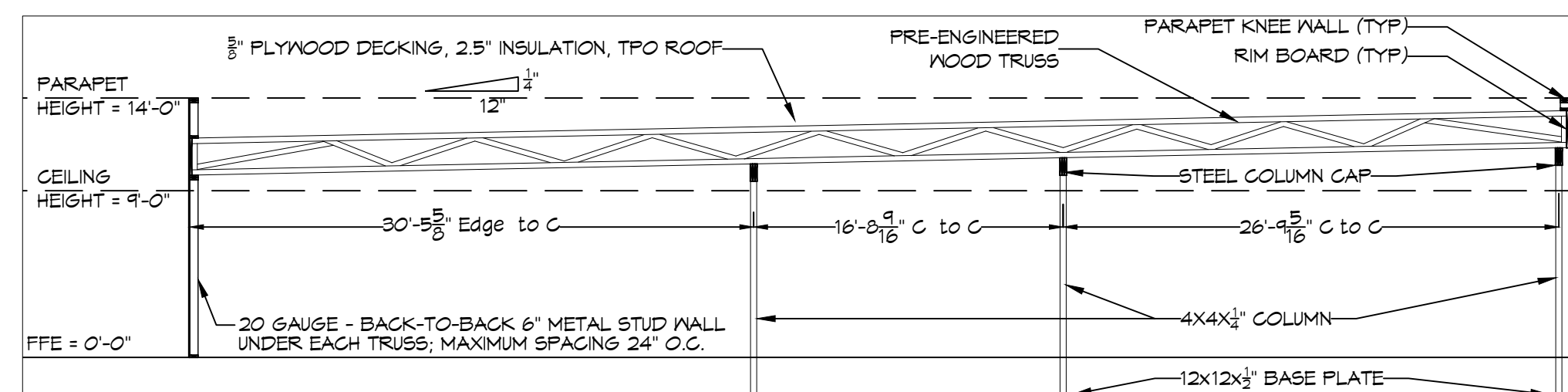
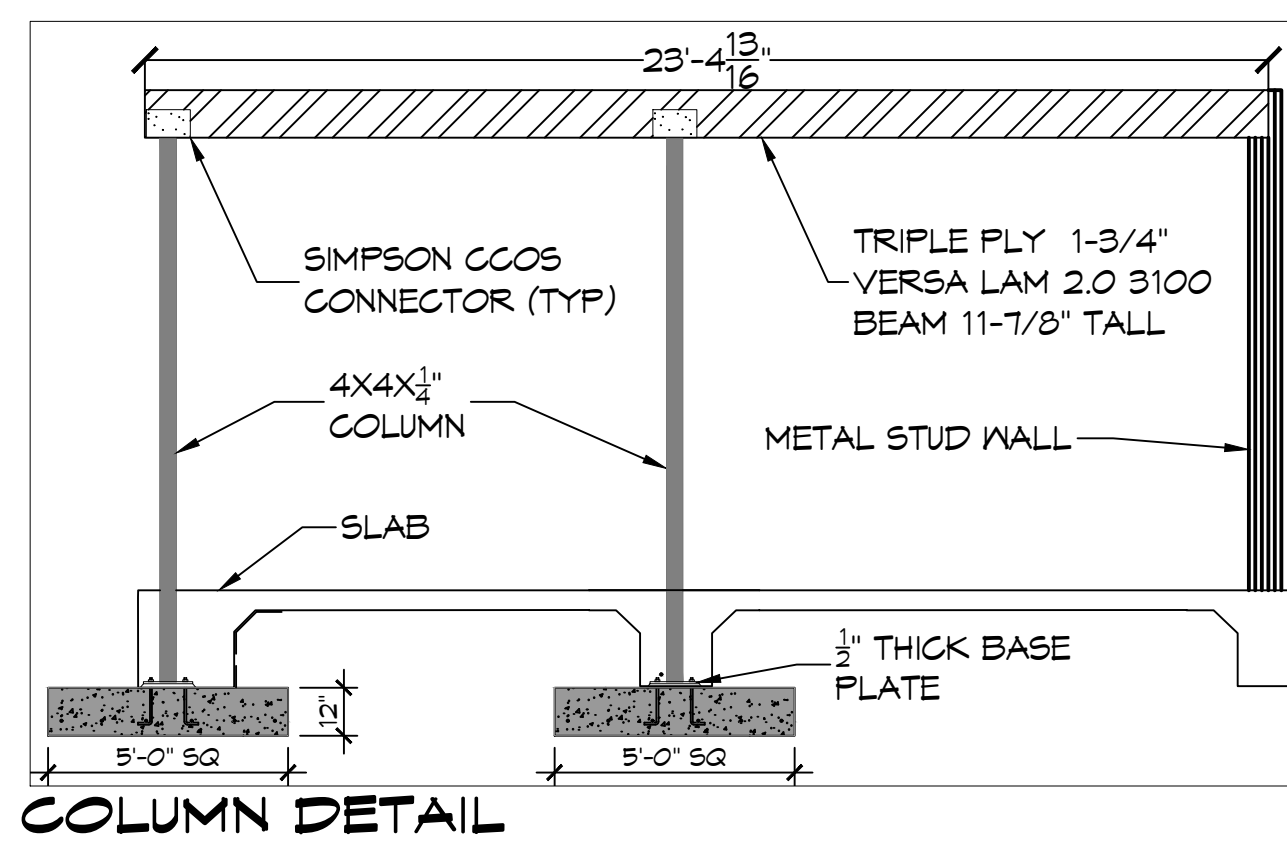
**NEW ADDITION**  
**HONTASMOOB**  
 11211 LA HWY 21  
 COVINGTON, LA 70438  
 JOB No: 2443  
 DATE: 09-05-2022  
 DRAWN BY: PDP  
 CHECKED BY: GKD

SHEET TITLE:  
**SITE EROSION CONTROL PLAN**  
 DRAWING NUMBER:  
**C104**  
 SHEET No: 6 of 19



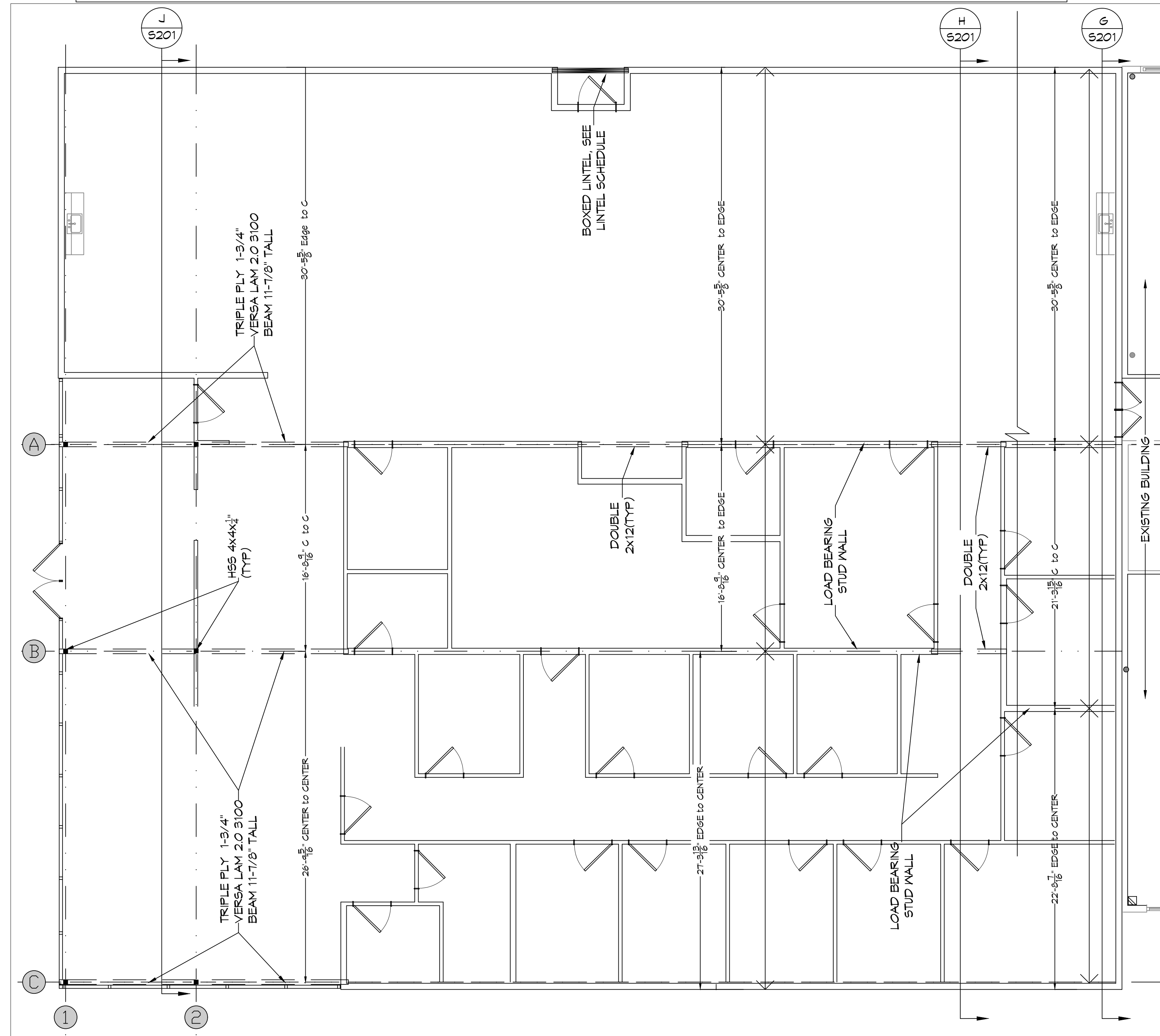
### COLD-FORMED STEEL FRAMING NOTES:

- THIS COLD-FORMED STEEL BUILDING SHALL BE CONSTRUCTED TO WIND SPEEDS OF 131 MPH WINDS, ROUGHNESS B, EXPOSURE B W/ HORIZONTAL WIND PRESSURES AT 32.9 PSF & VERTICAL WIND PRESSURES AT 39.6 PSF.
- SHOP DRAWINGS MUST BE CHECKED BY THE FABRICATOR & BEAR CHECKER'S INITIALS & APPROVED BY THE GENERAL CONTRACTOR BEFORE BEING SUBMITTED FOR REVIEW. REVIEW OF SHOP DRAWINGS IS LIMITED TO CHECKING FOR CONFORMANCE W/ SHOP DRAWINGS, STRENGTH OF DIMENSIONAL MEMBERS, ERRORS & 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 LBS/SG. 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 W/OUT DAMAGE OR OVERSTRESSING, SHEATHING FAILURE, CONNECTION FAILURE, UNDE STRAIN ON FASTENERS & 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, & TO ACCOMMODATE LIVE LOAD DEFLECTION OF PRIMARY BUILDING STRUCTURE FOR UPWARD & DOWNWARD MOVEMENT OF 1/2 INCH.
- COLD-FORMED STEEL FRAMING: GENERAL DESIGN ACCORDING TO AISI'S STAAD FOR COLD-FORMED STEEL FRAMING - GENERAL PROVISIONS.
  - HEADERS: DESIGN ACCORDING TO AISI'S STAAD FOR COLD-FORMED STEEL FRAMING - HEADER DESIGN.
  - DESIGN EXTERIOR NON-LOAD-BEARING WALL FRAMING TO ACCOMMODATE HORIZONTAL DEFLECTION W/OUT REGARD FOR CONTRIBUTION OF SHEATHING MATERIALS.
  - ROOF TRUSSES: DESIGN ACCORDING TO AISI'S STAAD FOR COLD-FORMED STEEL FRAMING - TRUSS DESIGN.
- LOAD-BEARING WALL FRAMING
  - STEEL STUDS: MANUFACTURER'S STARD C-SHAPED STEEL STUDS, OF WEB DEPTHS INDICATED, PUNCHED, W/ STIFFENED FLANGES.
  - STEEL TRACK: MANUFACTURER'S STARD U-SHAPED STEEL TRACK, OF WEB DEPTHS INDICATED, UNPUNCHED, W/ STRAIGHT FLANGES.
  - STEEL BOX OR BACK-TO-BACK HEADERS: MANUFACTURER'S STARD C-SHAPES USED TO FORM HEADER BEAMS, OF WEB DEPTHS INDICATED, PUNCHED, W/ STIFFENED FLANGES.
  - STEEL DOUBLE-L HEADERS: MANUFACTURER'S STARD L-SHAPES USED TO FORM HEADER BEAMS, OF WEB DEPTHS INDICATED.
- ROOF-RAFTER FRAMING
  - STEEL RAFTERS: MANUFACTURER'S STARD C-SHAPED STEEL SECTIONS, OF WEB DEPTHS INDICATED, UNPUNCHED, W/ STIFFENED FLANGES.
  - BUILT-UP MEMBERS: BUILT-UP MEMBERS OF MANUFACTURER'S STARD C-SHAPED STEEL SECTION, W/ STIFFENED FLANGES, NESTED INTO A U-SHAPED STEEL SECTION JOIST TRACK, W/ UNSTIFFENED FLANGES, UNPUNCHED, OF WEB DEPTHS INDICATED.
  - CEILING JOIST FRAMING - STEEL CEILING JOISTS: MANUFACTURER'S STARD C-SHAPED STEEL SECTIONS, OF WEB DEPTHS INDICATED, W/ STIFFENED FLANGES.
  - ANCHORS, CLIPS, & FASTENERS
    - STEEL SHAPES & CLIPS: ASTM A 36/A 36M, ZINC COATED BY HOT-DIP PROCESS ACCORDING TO ASTM A 123/A 123M.
    - ANCHOR BOLTS: ASTM F 1954, GRADE 36, THREADED CARBON-STEEL HEX-HEADED BOLTS, HEADLESS, HOOKED BOLTS & CARBON-STEEL NUTS, & 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, W/ CAPABILITY TO SUSTAIN W/OUT FAILURE, A LOAD EQUAL TO 5 TIMES DESIGN LOAD, AS DETERMINED BY TESTING PER ASTM E 489 CONDUCTED BY A QUALIFIED INDEPENDENT TESTING AGENCY.
    - POWER-ACTUATED ANCHORS: FASTENER SYSTEM OF TYPE SUITABLE FOR APPLICATION INDICATED, FABRICATED FROM CORROSION-RESISTANT MATERIALS, W/ CAPABILITY TO SUSTAIN W/OUT FAILURE, A LOAD EQUAL TO 10 TIMES DESIGN LOAD, AS DETERMINED BY TESTING PER ASTM E 1190 CONDUCTED BY A QUALIFIED INDEPENDENT TESTING AGENCY.
    - MECHANICAL FASTENERS: ASTM C 1913, CORROSION-RESISTANT COATED, SELF-DRILLING, SELF-TAPPING STEEL DRILL SCREWS, HEAD TYPE, LOW-PROFILE HEAD BENEATH SHEATHING, MANUFACTURER'S STARD ELSEWHERE.
- CEILING JOIST FRAMING
  - FABRICATE GOLD-FORMED METAL FRAMING & ACCESSORIES PLUMB, SQUARE, & TRUE TO LINE, & W/ CONNECTIONS SECURELY FASTENED, ACCORDING TO REFERENCED AISI'S SPECIFICATIONS & STARDS, MANUFACTURER'S WRITTEN INSTRUCTIONS, & REQUIREMENTS IN THIS SECTION.
  - FABRICATE FRAMING ASSEMBLIES USING JIGS OR TEMPLATES.
  - CUT FRAMING MEMBERS BY SAWING OR SHEARING; DO NOT TORCH CUT.
  - FASTEN GOLD-FORMED METAL FRAMING MEMBERS BY WELDING, SCREEN FASTENING, CLIP FASTENING, OR RIVETING AS STARD W/ FABRICATOR. WIRE TYING OF FRAMING MEMBERS IS NOT PERMITTED COMPLY W/ AISI D13 REQUIREMENTS & PROCEDURES FOR WELDING, APPEARANCE & QUALITY OF WELDS, & METHODS USED IN CORRECTING WELDING WORK. LOCATE MECHANICAL FASTENERS & INSTALL ACCORDING TO SHOP DRAWINGS, W/ SCREEN PENETRATING JOINED MEMBERS BY NOT LESS THAN THREE EXPOSED SCREEN THREADS.
  - FASTEN OTHER MATERIALS TO COLD-FORMED METAL FRAMING BY WELDING, BOLTING, OR SCREEN FASTENING, ACCORDING TO SHOP DRAWINGS.



### METAL - STRUCTURAL STEEL

- A. SPECIFICATIONS: DESIGN, FABRICATION, & 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 STARD PRACTICE (CONTRACTOR SHALL SUBMIT STEEL SHOP DRAWINGS TO ENGINEER FOR REVIEW PRIOR TO CONSTRUCTION).
  - AISC SPECIFICATIONS FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS (ALLOWABLE STRESS DESIGN).
  - STRUCTURAL WELDING CODE, AWS D1.1 OF THE AMERICAN WELDING SOCIETY. WELDING PERSONNEL, I.I.D. PROCEDURES ARE TO BE QUALIFIED PER AWS D 1.1.
- B. MATERIALS:
- WIDE FLANGE & I-T 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 & BARS SHALL BE ASTM A36, U.N.O.
- C. BOLTS
- ALL BOLTS SHALL BE ASTM A325 HIGH STRENGTH W/ HARDENED WASHERS & 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 & 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 W/ E70XX ELECTRODES IN ACCORDANCE W/ 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 & WELDED FIELD SPLICES 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 W/ AISC STARDS) OR GALVANIZED.
  - ALL STEEL SHALL BE GALVANIZED OR PAINTED PER PROJECT NOTES.
  - AFTER ERECTION CONTRACTOR SHALL TOUCH UP W/ PAINT, GALVANIZING COMPOUND OR APPROVED COATING ALL ABRADED AREAS.
- G. FIELD QUALITY CONTROL
- INSPECTION OF FIELD ASSEMBLIES IN ACCORDANCE W/ AISI SPECIFICATION FOR STRUCTURAL JOINTS. INSPECTION SHALL INCLUDE APPROVAL OF PROCEDURE FOR CALIBRATION OF WRENCHES & 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 & TUBES W/ 1/2 INCH THICK PLATE & 1/2 INCH SEAL WELDS UNLESS SPECIFICALLY NOTED OTHERWISE.



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Slidell, LA 70458

NO.	DATE	REVISIONS
1		DESCRIPTION



NEW ADDITION  
**HONTASMOB**

SHEET TITLE:  
STRUCTURAL FRAMING PLAN

DRAWING NUMBER:  
**S201**

SHEET No: 8 of 14

DATE: 09-09-2022  
JOB NO: 2443  
DRAWN BY: DFP  
CHECKED BY: CKD

















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

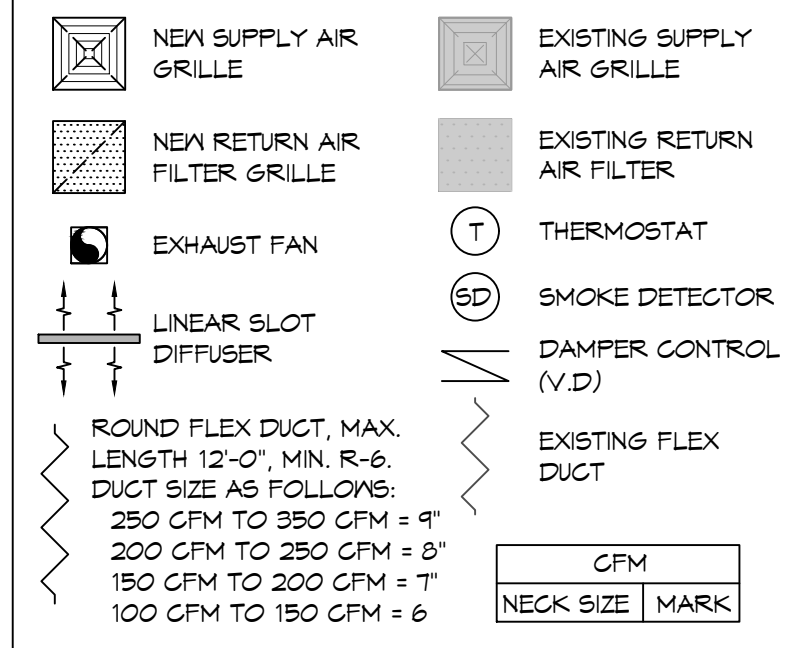
RTU SCHEDULE														
TAG	Make / Model	NOMINAL TONS	TOTAL CFM	O/A CFM	COOLING		HEAT		POWER		REMARKS			
					TOTAL MBH	SENSIBLE MBH	ESP (W)	KW	VAC	PH		MCA	Max. Fuse Size	
RTU-1	TRANE TSC090H3	7.5	3060	240	91.2	81.4	0.4	13.5	208	60	3	53	60	1, 2, 3, 4
RTU-2	TRANE TSC060E3	5	1930	220	53.3	39.7	0.4	4.5	208	60	3	29	40	1, 2, 3, 4
RTU-3	TRANE TSC090E3	7.5	2410	890	84.2	49.3	0.4	13.5	208	60	3	53	60	1, 2, 3, 4

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

DIFFUSER SCHEDULE				
TAG	SERVICE	NECK SIZE	DESCRIPTION	REMARKS
A	Supply Air	Ref. Plan	24"x 24" Adjustable Square Cone Diffuser, Price ASCDA w/ Insulated Back Panel	1, 2, 3
B	Supply Air	Ref. Plan	12"x 12" 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

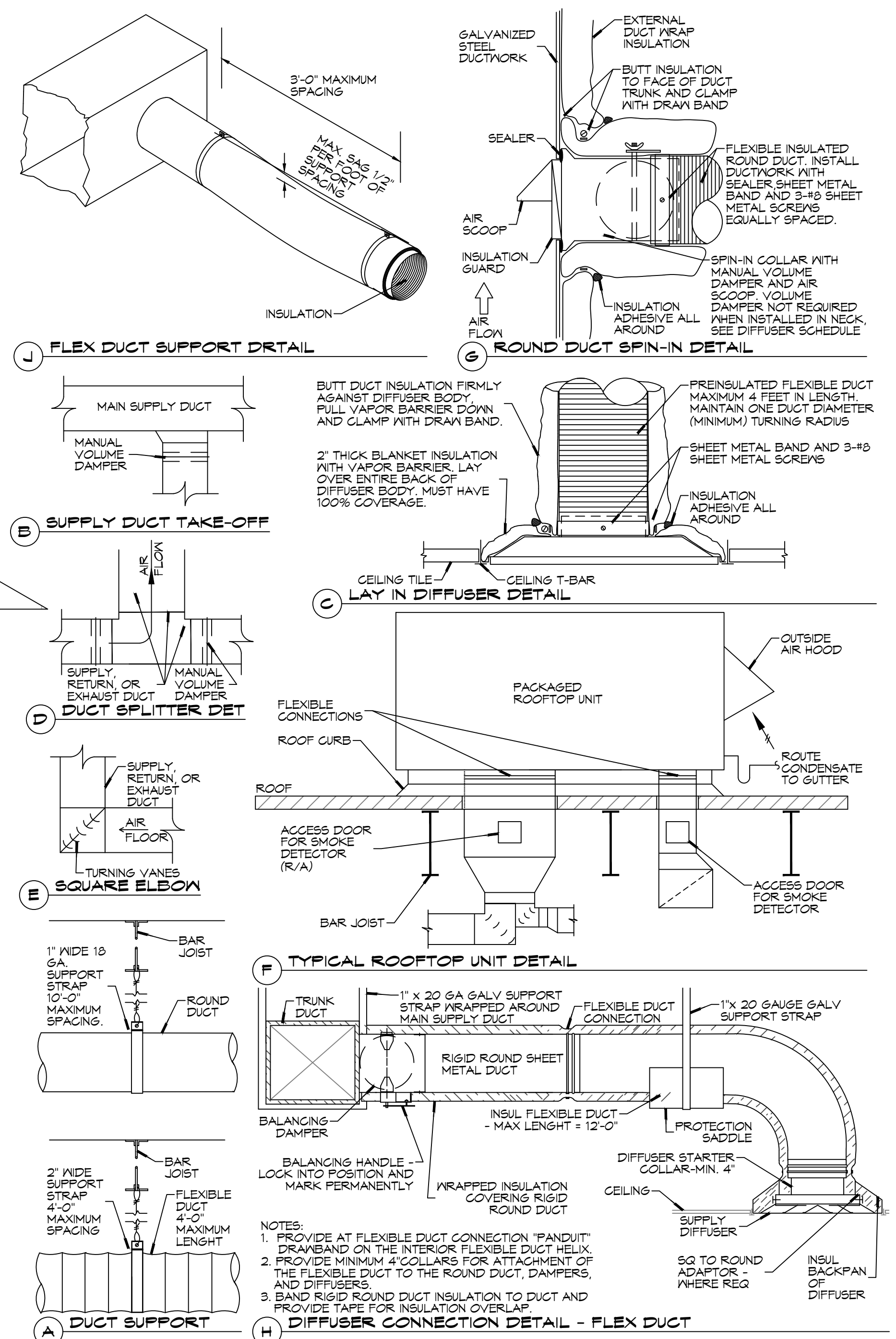
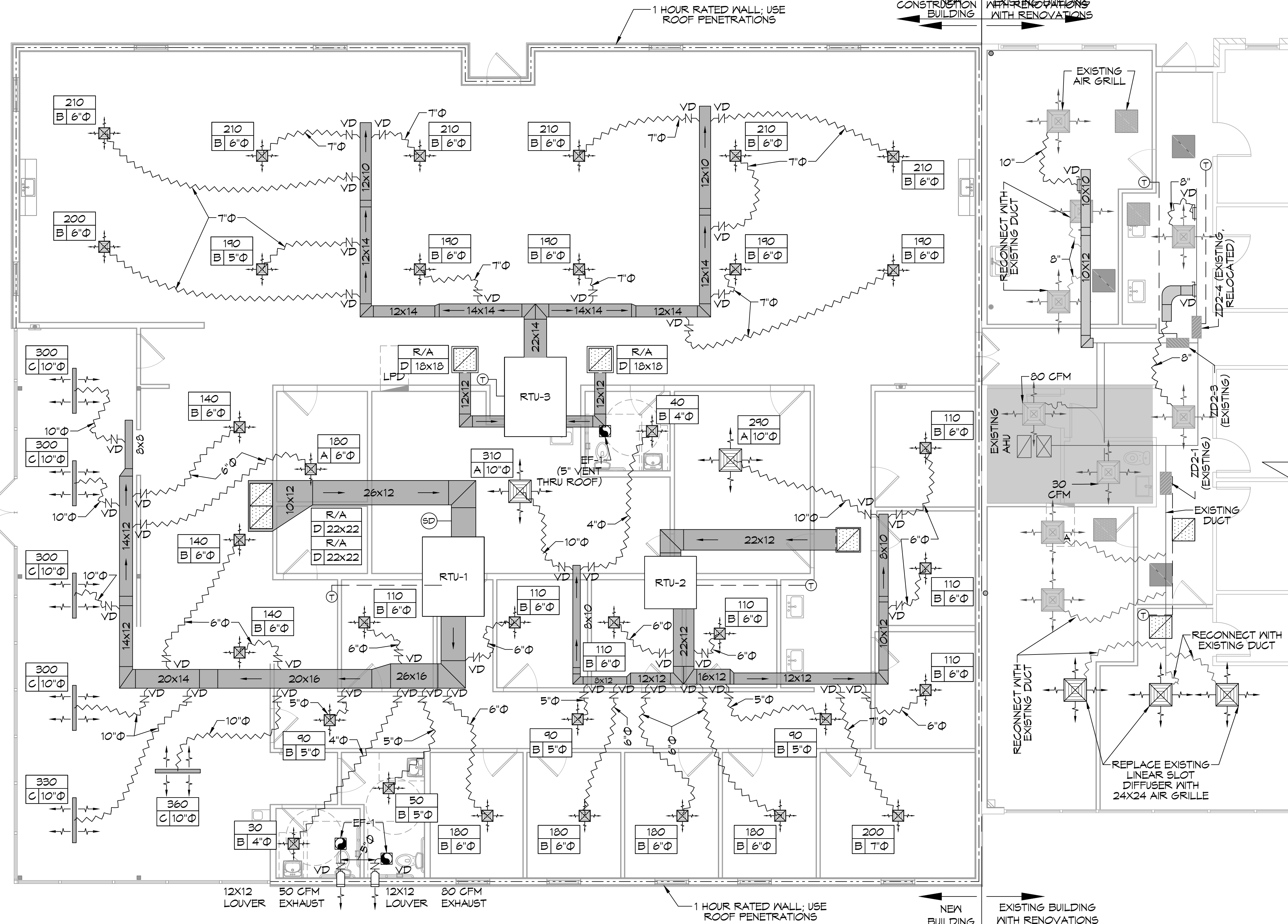
- NOTES:
- Seal perimeter of diffusers/grilles to prevent moisture migration from attic space
  - Coordinate with owner / architect for color and finish
  - R value of insulated back panels/plenums to exceed R-6

### 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 12E IN THE RETURN DUCT DOWNSTREAM OF THE AIR HANDLING UNIT AND ALL FILTERS TO AUTOMATICALLY STOP THE FAN.
- PROVIDE UL LISTED 125 F° FIRESTAY 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 CHANGEOVER 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 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 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).
- ALL MECHANICAL SYMBOLS ARE DRAWN DIAGMATICALLY. CONTRACTOR TO VERIFY WITH OWNER LOCATIONS OF VENTS, DAMPERS, REGISTERS, ETC.
- 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'S. 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 10 GA GALVANIZED SHEET METAL TO BLANK-OFF GABLE VENTS WHERE INTAKE/EXHAUST DUCTS OCCUR.

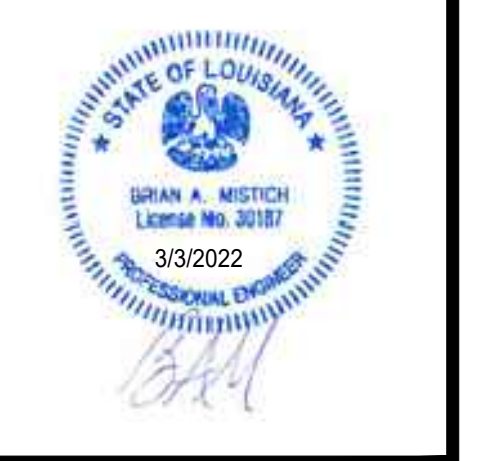


# DAMMON ENGINEERING, INC.

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DATE	REVISIONS



NEW ADDITION

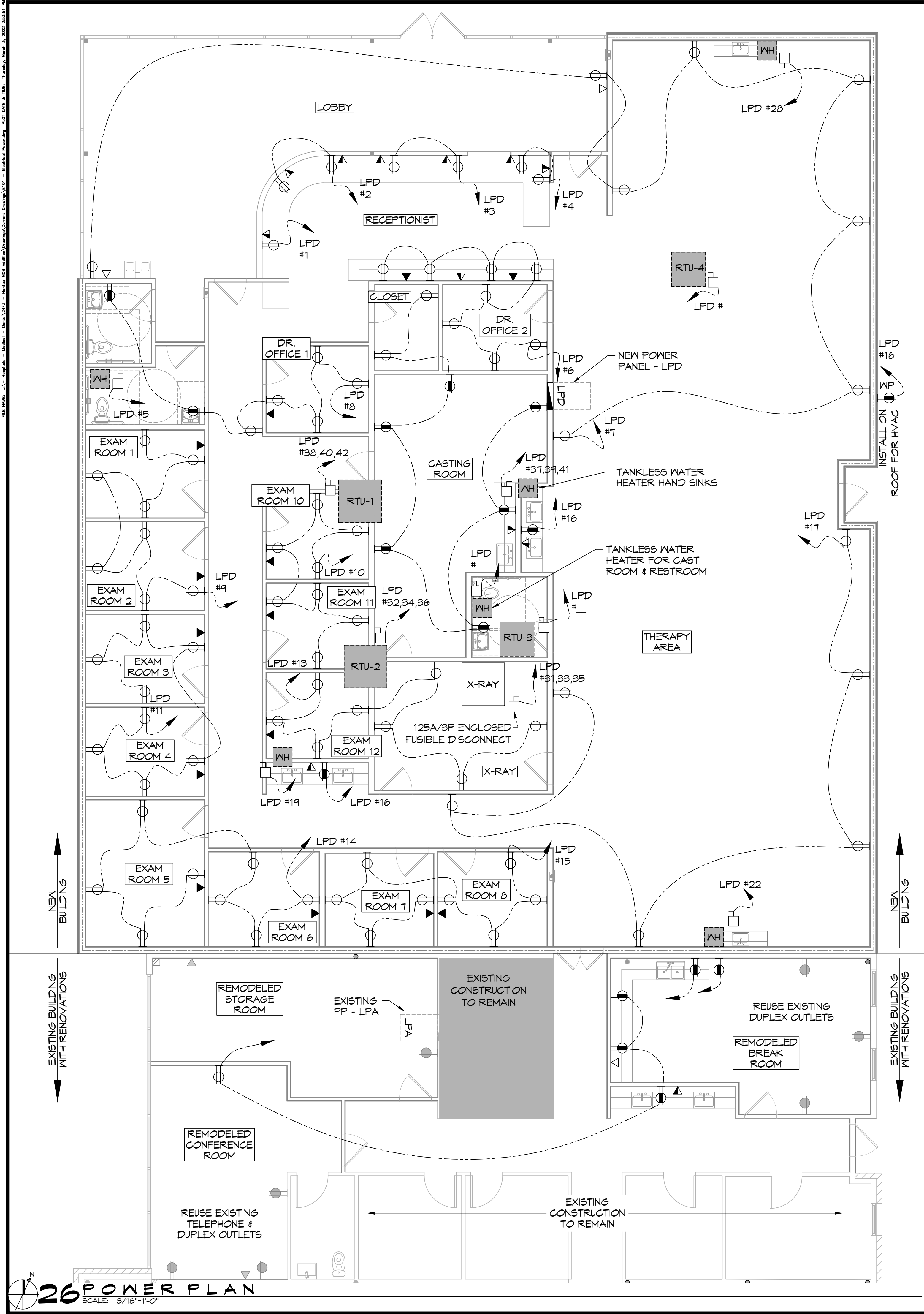
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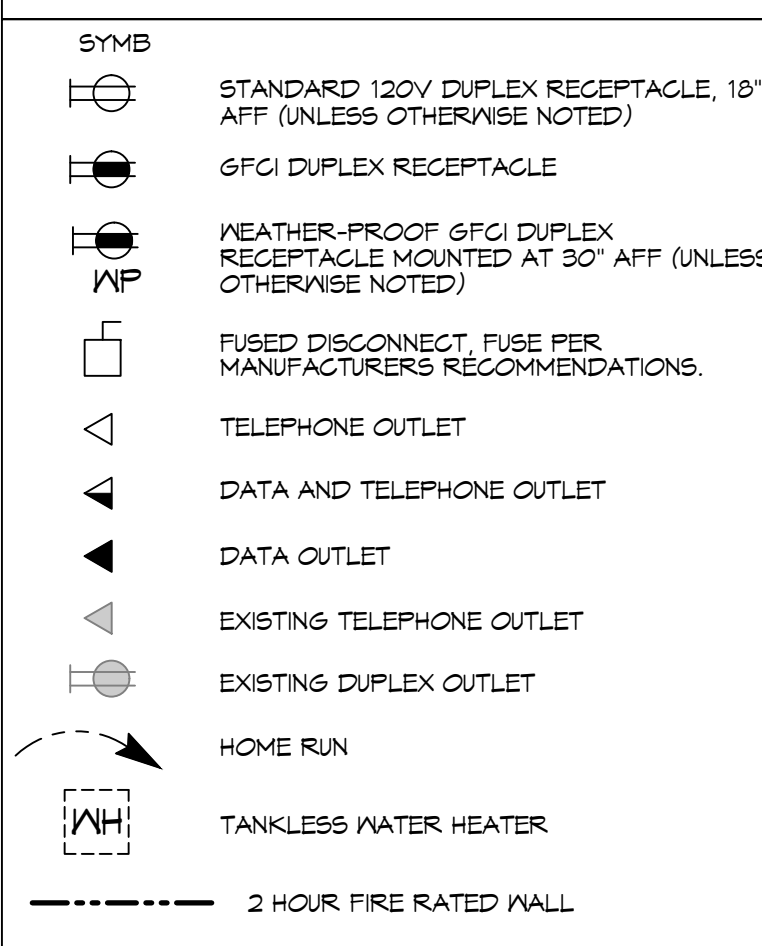
DRAWING NUMBER: M101

SHEET No: 17 of 14

DATE: 09-05-2022  
JOB No: 2445  
DRAWN BY: DPD  
CHECKED BY: CJK

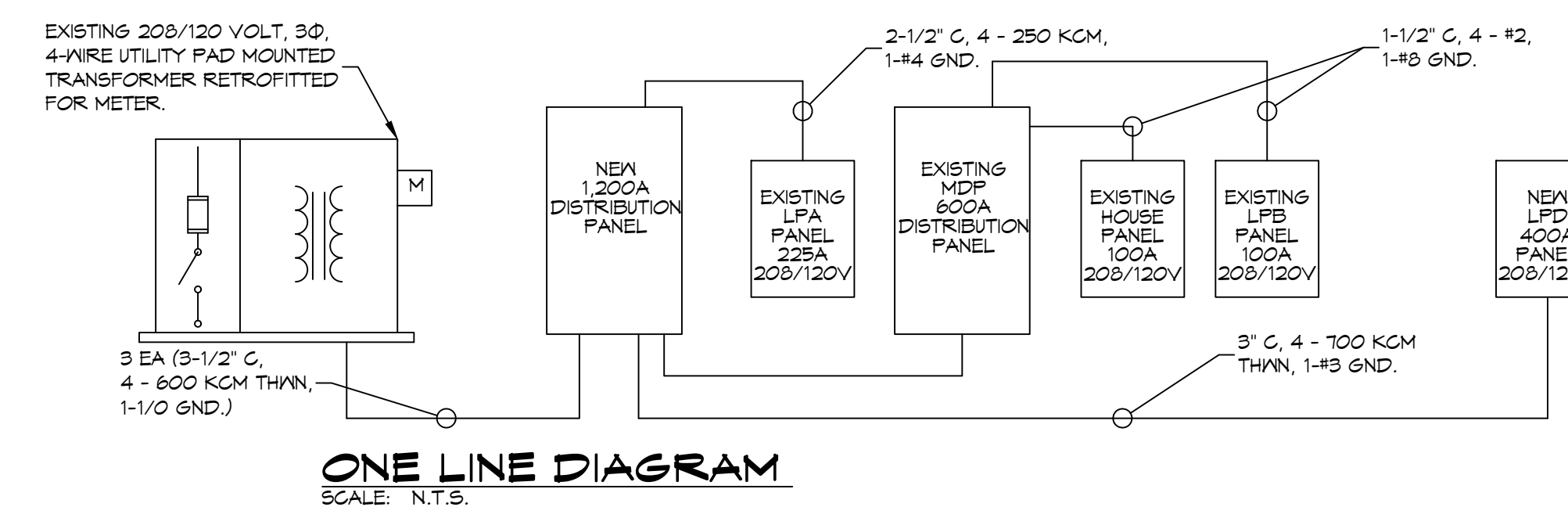


**POWER LEGEND**



**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 CEILING, HUNG CEILING, 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 70-230-63, NFPA 250-23, 250-11 & 250-12.
- GROUND NEUTRAL IN ACCORDANCE WITH NFPA 70-250-23b.
- 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)).



**PANEL SCHEDULE**

CKT NO	THIN WIRE SIZE	LOAD DESCRIPTION	BREAKER AMP	POLE	LOAD (KVA)		LOCATION	THIN WIRE SIZE	CKT NO
					AS	BS			
1	12	OUTLETS	20	1	0.2	0.4	OUTLETS	12	2
3	12	OUTLETS	20	1	0.4	1.0	OUTLETS	12	4
5	10	INSTANT WATER HEATER	30	1	3.4	1.4	OUTLETS	12	6
9	12	OUTLETS	20	1	1.4	1.4	OUTLETS	12	8
11	12	OUTLETS	20	1	1.4	1.4	OUTLETS	12	10
13	12	OUTLETS	20	1	1.4	1.4	OUTLETS	12	12
15	12	OUTLETS	20	1	1.4	1.4	OUTLETS	12	14
17	12	OUTLETS	20	1	1.4	0.9	OUTLETS	12	16
19	12	OUTLETS	20	1	1.9	1.1	OUTLETS	12	18
21	10	INSTANT WATER HEATER	30	1	3.4	3.4	INSTANT WATER HEATER	10	20
23	12	OUTLETS	20	1	0.1	1.1	LIGHTS	12	24
25	12	LIGHTS	20	1	1.1	1.9	LIGHTS	12	26
27	SPARE	SPARE	20	1	0.4	0.4	INSTANT WATER HEATER	10	28
29	SPARE	SPARE	20	1	0.4	0.4	SPARE	10	30
31	X-RAY POWER PANEL	X-RAY POWER PANEL	125	3	10.3	3.8	HATCH BREAKER TO UNIT INSTALLED	12	32
33	X-RAY POWER PANEL	X-RAY POWER PANEL	125	3	10.3	3.8	HATCH BREAKER TO UNIT INSTALLED	12	34
35	X-RAY POWER PANEL	X-RAY POWER PANEL	125	3	10.3	3.8	HATCH BREAKER TO UNIT INSTALLED	12	36
37	RTU 1 HATCH BREAKER TO UNIT INSTALLED	RTU 1 HATCH BREAKER TO UNIT INSTALLED	60	3	0.4	0.4	RTU 1 HATCH BREAKER TO UNIT INSTALLED	12	38
39	RTU 2 HATCH BREAKER TO UNIT INSTALLED	RTU 2 HATCH BREAKER TO UNIT INSTALLED	60	3	0.4	0.4	RTU 2 HATCH BREAKER TO UNIT INSTALLED	12	40

**PANEL SCHEDULE**

CKT NO	THIN WIRE SIZE	LOAD DESCRIPTION	BREAKER AMP	POLE	LOAD (KVA)		LOCATION	THIN WIRE SIZE	CKT NO
					AS	BS			
1	12	OUTLETS	20	1	0.2	0.4	OUTLETS	12	2
3	12	OUTLETS	20	1	0.4	1.0	OUTLETS	12	4
5	10	INSTANT WATER HEATER	30	1	3.4	1.4	OUTLETS	12	6
9	12	OUTLETS	20	1	1.4	1.4	OUTLETS	12	8
11	12	OUTLETS	20	1	1.4	1.4	OUTLETS	12	10
13	12	OUTLETS	20	1	1.4	1.4	OUTLETS	12	12
15	12	OUTLETS	20	1	1.4	1.4	OUTLETS	12	14
17	12	OUTLETS	20	1	1.4	0.9	OUTLETS	12	16
19	12	OUTLETS	20	1	1.9	1.1	OUTLETS	12	18
21	10	INSTANT WATER HEATER	30	1	3.4	3.4	INSTANT WATER HEATER	10	20
23	12	OUTLETS	20	1	0.1	1.1	LIGHTS	12	24
25	12	LIGHTS	20	1	1.1	1.9	LIGHTS	12	26
27	SPARE	SPARE	20	1	0.4	0.4	INSTANT WATER HEATER	10	28
29	SPARE	SPARE	20	1	0.4	0.4	SPARE	10	30
31	X-RAY POWER PANEL	X-RAY POWER PANEL	125	3	10.3	3.8	HATCH BREAKER TO UNIT INSTALLED	12	32
33	X-RAY POWER PANEL	X-RAY POWER PANEL	125	3	10.3	3.8	HATCH BREAKER TO UNIT INSTALLED	12	34
35	X-RAY POWER PANEL	X-RAY POWER PANEL	125	3	10.3	3.8	HATCH BREAKER TO UNIT INSTALLED	12	36
37	RTU 1 HATCH BREAKER TO UNIT INSTALLED	RTU 1 HATCH BREAKER TO UNIT INSTALLED	60	3	0.4	0.4	RTU 1 HATCH BREAKER TO UNIT INSTALLED	12	38
39	RTU 2 HATCH BREAKER TO UNIT INSTALLED	RTU 2 HATCH BREAKER TO UNIT INSTALLED	60	3	0.4	0.4	RTU 2 HATCH BREAKER TO UNIT INSTALLED	12	40

**DAMMON ENGINEERING, INC.**  
LOUISIANA & MISSISSIPPI

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REVISIONS	DATE	DESCRIPTION



**HONTAS MOB**

NEW ADDITION

1121 LA HWY 21  
COVINGTON, LA 70433

JOB No: 2443 DATE: 03-03-2022

DRAWN BY: [Signature] CHECKED BY: [Signature]

SHEET TITLE:  
**POWER PLAN AND PANEL SCHEDULE**

DRAWING NUMBER:  
**E101**

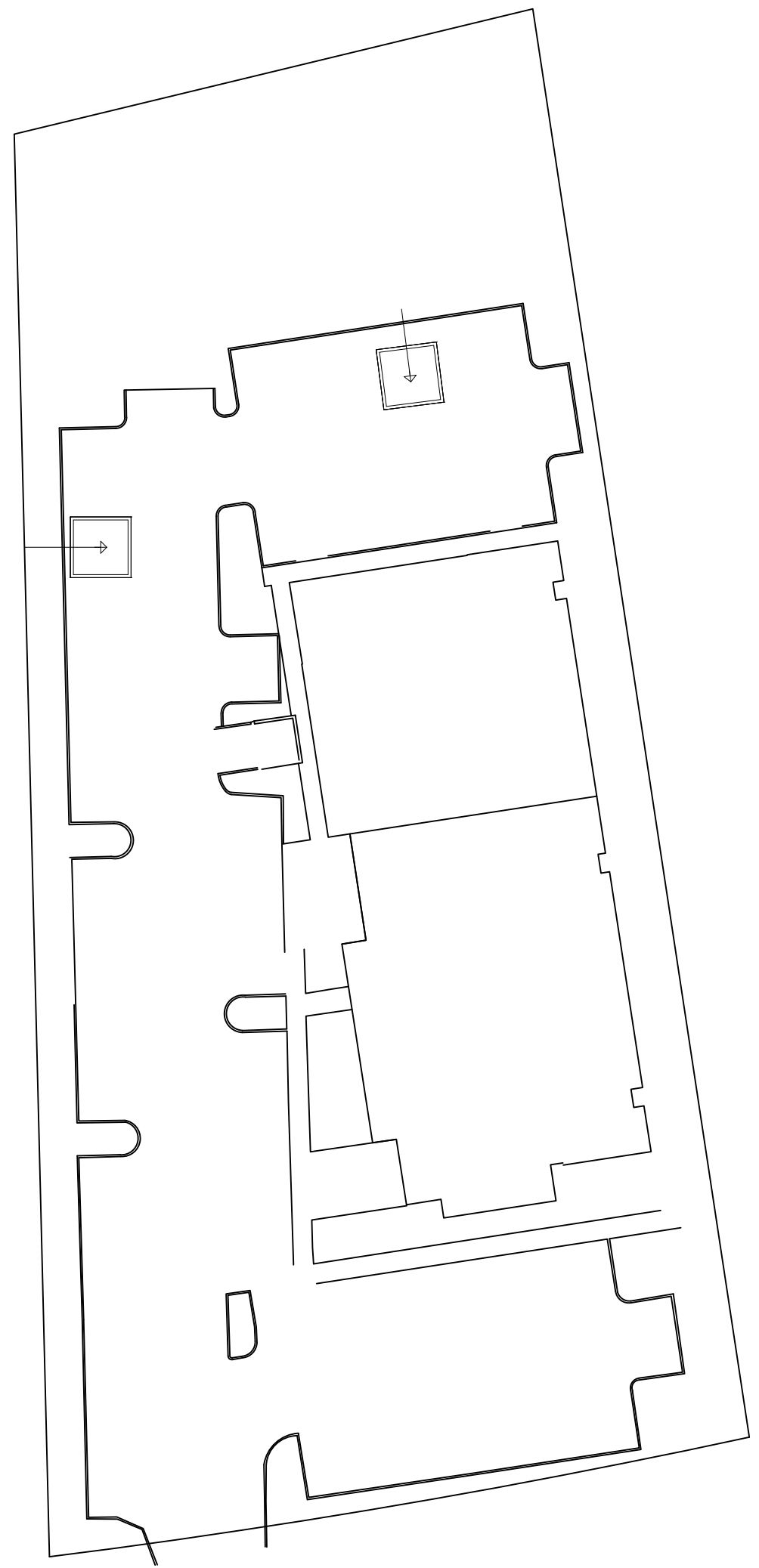
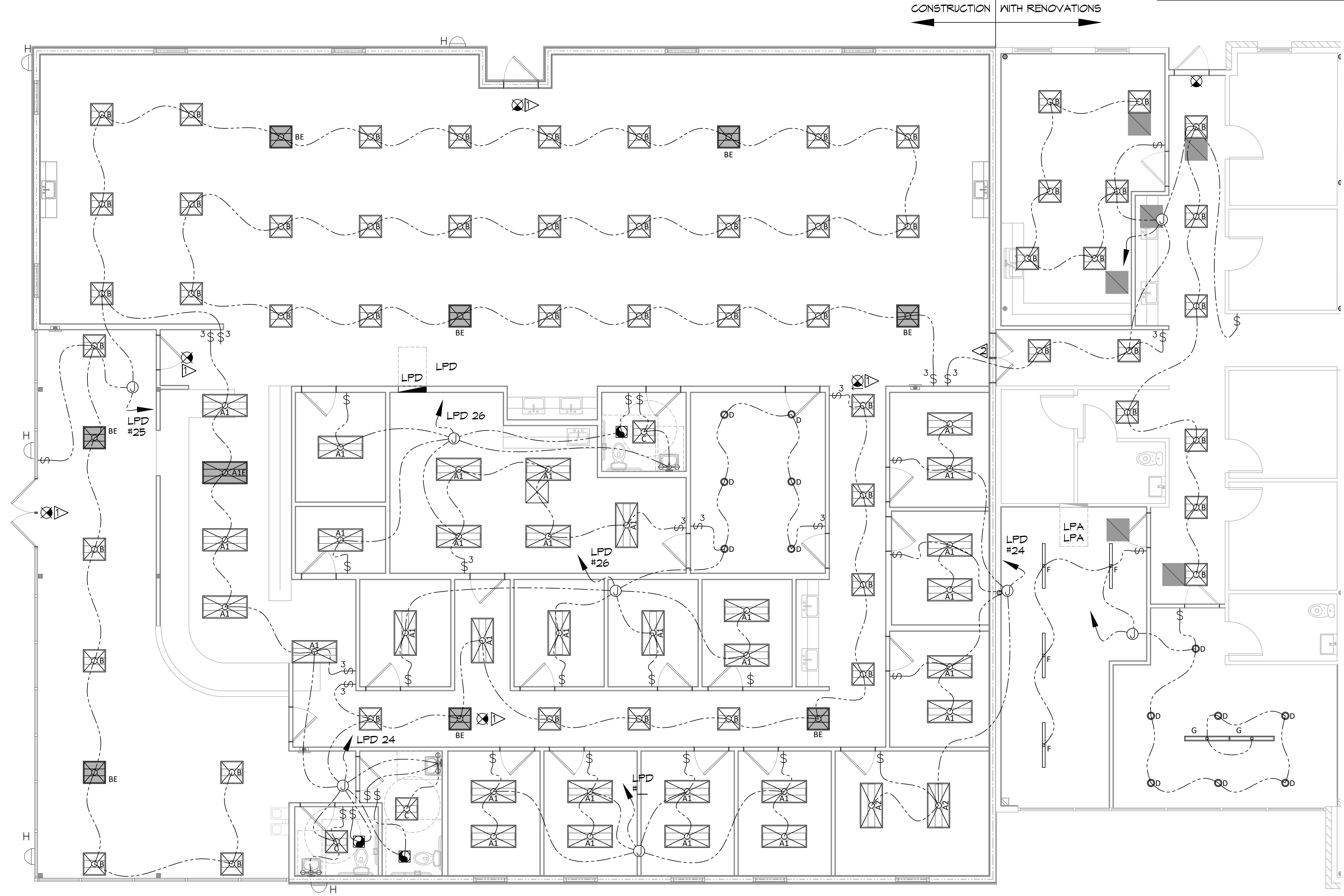
SHEET No: 16 of 19

### LIGHTING LEGEND

	2X4 COLUMBIA LCAT24-30-MLG-EU (E INDICATES EMERGENCY LIGHT)		2X2 COLUMBIA LCAT22-30MLG-EU (E INDICATES EMERGENCY LIGHT)
	2X4 COLUMBIA LCAT24-30-HLG-EU		2X2 COLUMBIA LCAT22-L595 (4400LM)
	PRESCOLITE LTR-4RD-H-SL15L-DM1- LTR-4RD-T-SL30K&VDS		48" COLUMBIA MPS4-35VW-CW-EDU
	EXTERIOR LIGHT, MATCH EXISTING AND CONNECT TO EXISTING CIRCUIT		48" LITECONTROL 4L-P-D-4-SOF-X-CX- 35K-D030
	VANITY LIGHT FIXTURE		EXIT LIGHT FIXTURE - CEILING MOUNTED
	EXHAUST FAN - SEE MECHANICAL		POLE MOUNTED LIGHT; MATCH EXISTING; CONNECT TO EXISTING CIRCUIT
	JUNCTION BOX		EXISTING POWER PANEL (LPA)
	SINGLE POLE LIGHT SWITCH		NEW POWER PANEL (LPD)
	3 WAY LIGHT SWITCH		HOME RUN

- ### GENERAL LIGHTING NOTES
- ALL WORK SHALL COMPLY WITH APPLICABLE NATIONAL, STATE, AND LOCAL CODES, RULES, REGULATIONS, AND REQUIREMENTS OF THE SERVICE UTILITY COMPANY.
  - 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.
  - 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.
  - WHEN SPECIFIC LIGHT FIXTURE HAS BEEN SPECIFIED IN THE FIXTURE SCHEDULE, ELECTRICAL CONTRACTOR SHALL PROVIDE COMPLETE ASSEMBLY INCLUSIVE ALL PARTS AND HARDWARE TO INSURE PROPER FUNCTIONING FIXTURE.
  - ALL CONDUCTORS SHALL BE A MINIMUM OF #12 AWG UNLESS NOTED OTHERWISE.
  - 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.
  - ALL CONDUCTORS SHALL BE COPPER.
  - WHERE CONDUCTOR SIZES ARE NOTED ON DRAWINGS, THAT WIRE SIZE SHALL BE THROUGH THE ENTIRE RUN UNLESS OTHERWISE NOTED.
  - MOUNTED LIGHT SWITCHES 48" AFF UNLESS NOTED OTHERWISE ON ARCHITECTURAL DRAWINGS.
  - 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.
  - EACH DIMMER SWITCH SHALL HAVE A MATTAGE RATING 25% HIGHER THAN THE TOTAL MATTAGE 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.
  - ALL EMERGENCY EXIT LIGHT FIXTURES SHALL HAVE 90 MINUTE BATTERY BACKUP WITH INTEGRAL TEST BUTTON AND SHALL BURN CONTINUOUSLY.
  - 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	KEYED NOTES
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.	<ul style="list-style-type: none"> <li>PROVIDE CONNECTION TO UN-SWITCHED HOT OF LIGHTING CIRCUIT AND SHALL HAVE 90 MINUTE EMERGENCY BATTERY BACKUP.</li> <li>DOORS TO BE HELD OPEN BY MAGNETIC HOLD OPEN DEVICES. CONNECT TO ALARM SYSTEM.</li> </ul>



# DAMMON ENGINEERING, INC.

LOUISIANA & MISSISSIPPI

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Chief Engineer: Brian Wistich, PE  
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#	DESCRIPTION	DATE



NEW ADDITION  
HONTAS MOB

1121 LA HWY 21  
COVINGTON, LA 70439

JOB No: 2443 DATE: 03-03-2022  
DRAWN BY: [Signature] CHECKED BY: [Signature]

SHEET TITLE:  
LIGHTING PLAN

DRAWING NUMBER:

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

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