



## SHEET LIST TABLE

**1 FLOOR PLAN**  
SCALE: SCALE  
DRAWING NAME  
DRAWING SCALE  
NORTH ARROW  
DRAWING NUMBER  
DRAWING NAME

**1 DETAIL**  
SCALE: SCALE  
DRAWING SCALE  
NORTH ARROW  
DRAWING NUMBER  
DRAWING NAME

**PLAN**  
SCALE: 1/4" = 1'-0"  
DRAWING SCALE  
SHEET DRAWING REFERENCES  
SHEET DRAWING APPEARS ON  
DRAWING NUMBER  
DRAWING NAME

**PLAN**  
SCALE: 1/4" = 1'-0"  
DRAWING SCALE  
SHEET DRAWING REFERENCES  
SHEET DRAWING APPEARS ON  
DRAWING NUMBER  
DRAWING NAME

**1/AX**  
BUILDING SECTION CALLOUT TAG

**1/AX**  
WALL SECTION CALLOUT TAG

**1/AX**  
SECTION DETAIL CALLOUT TAG

**1/AX**  
ELEVATION CALLOUT TAG

**1/AX**  
DETAIL AREA TAG

**1/AX**  
SECTION CALLOUT TAG (STRUCTURAL)

**1/AX**  
DETAIL AREA TAG (STRUCTURAL)

**1/AX**  
HEIGHT DESIGNATION

**1/AX**  
COLUMN GRID IDENTIFIER

**ROOM NAME**  
**ROOM NUMBER**

**ROOM NAME TAG**  
**DOOR DESIGNATION - REFERENCE**  
**DOOR SCHEDULE**  
**WINDOW DESIGNATION - REFERENCE**  
**WINDOW SCHEDULE**  
**LOUVER DESIGNATION - REFERENCE**  
**LOUVER SCHEDULE**  
**EQUIPMENT DESIGNATION - REFERENCE**  
**EQUIPMENT SCHEDULE**

**CLNG HT**  
**CLNG TYPE**

**CEILING HEIGHT AND TYPE DESIGNATION**

**EL**  
**SPOT ELEVATION IDENTIFIER**

**P1**  
**PARTITION TYPE DESIGNATION**

**1**  
**KEYNOTE**

**1**  
**REVISION TAG AND CLOUD**

**MATERIAL DESIGNATIONS**

**CONCRETE**  
**BRICK MASONRY**  
**CONC MASONRY UNITS**  
**FINISH WOOD**  
**END-GRAIN CONSTRUCTION LUMBER (FRAMING)**  
**SHIM OR WOOD BLOCKING**  
**PLYWOOD**  
**GYPSPUM BOARD, PLASTER, GROUT**

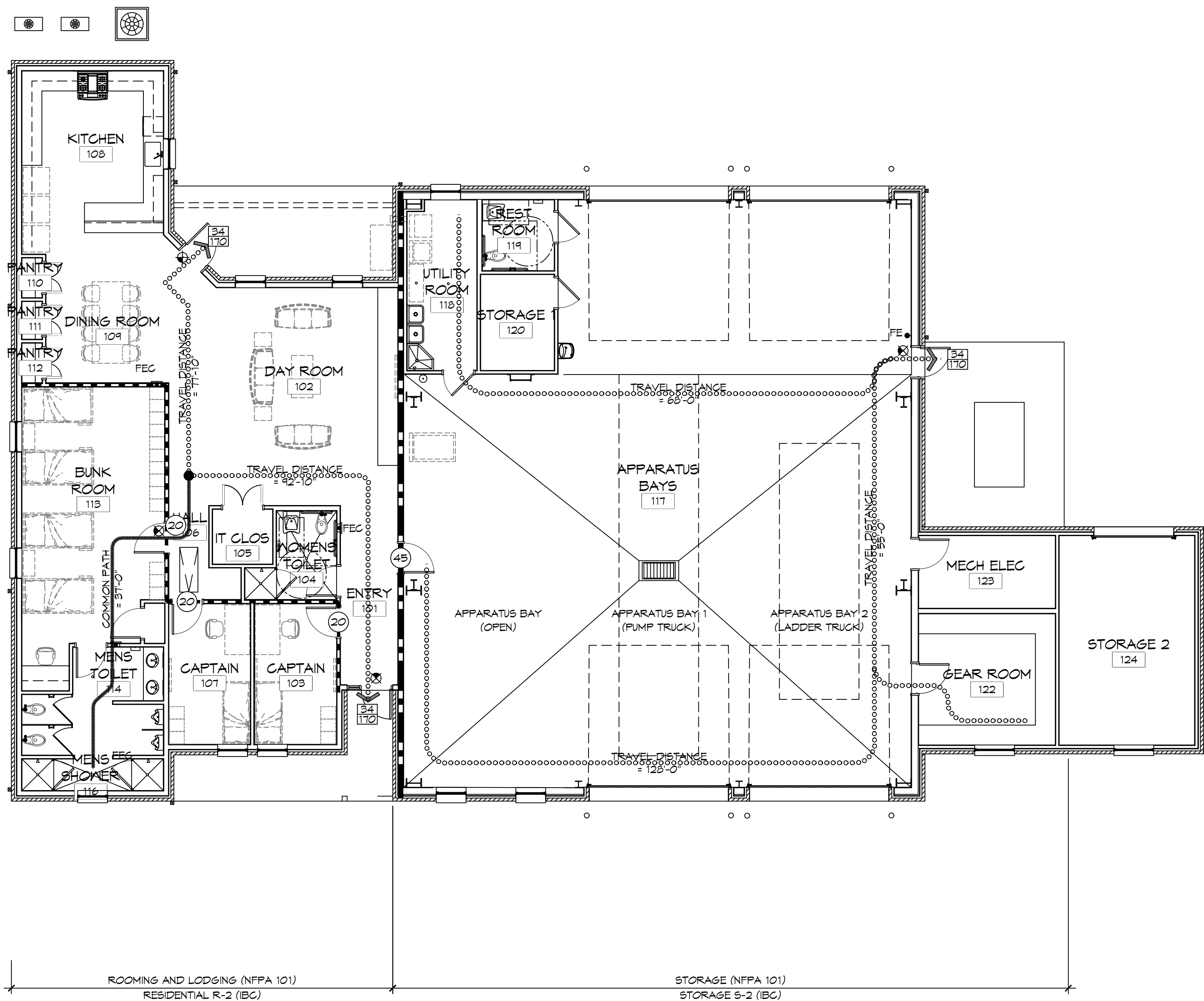
**MIRROR IN ELEVATION**  
**METAL**  
**RIGID INSULATION**  
**BATT INSULATION**  
**TERRAZZO**  
**COMPACT FILL**  
**MARBLE**  
**GRASS OR SOD**

**CONCRETE (SECTION)**  
**ALUMINUM**

**PROJECT LOCATION MAP**

|                      |                                                                 |
|----------------------|-----------------------------------------------------------------|
| SHEET<br>NUMBER      | SHEET TITLE                                                     |
| GENERAL              |                                                                 |
| 0001                 | COVER SHEET                                                     |
| 0002                 | GENERAL INFORMATION SHEET                                       |
| 0003                 | ACCESSIBILITY INFORMATION                                       |
| LIFE-SAFETY AND CODE |                                                                 |
| L5101                | LIFE-SAFETY AND BUILDING CODE INFORMATION                       |
| CIVIL                |                                                                 |
| C101                 | SITE PLAN                                                       |
| C102                 | DETAIL SITE GRADING AND PAVING PLAN, PAVING DETAILS             |
| C103                 | SITE PLAN - SITE UTILITIES AND DETAILS                          |
| C104                 | SITE PLAN - DRAINAGE AND DETAILS                                |
| C105                 | SITE PLAN - EROSION CONTROL AND DETAILS                         |
| C106                 | FIRE AND POST DEVELOPMENT                                       |
| STRUCTURAL           |                                                                 |
| S5A1                 | PILING GENERAL ARRANGMENT                                       |
| S101                 | FOUNDATION PLAN, DETAILS AND NOTES                              |
| S102                 | <b>CEILING FRAMING PLAN &amp; DETAILS</b>                       |
| S103                 | ROOF FRAMING PLAN AND DETAILS                                   |
| S501                 | FOUNDATION DETAILS                                              |
| S502                 | STRUCTURAL DETAILS                                              |
| S501                 | TYPICAL CONNECTION DETAILS, SCHEDULES, AND NOTES                |
| ARCHITECTURAL        |                                                                 |
| A101                 | ARCHITECTURAL FLOOR PLAN, DETAIL FLOOR PLANS, AND SCHEDULES     |
| A102                 | REFLECTED CEILING PLAN AND ROOF PLAN, ROOF DETAILS              |
| A201                 | EXTERIOR ELEVATIONS                                             |
| A301                 | BUILDING SECTIONS                                               |
| A302                 | BUILDING SECTIONS                                               |
| A310                 | WALL SECTIONS AND DETAILS                                       |
| A311                 | WALL SECTIONS AND DETAILS                                       |
| A401                 | INTERIOR ELEVATIONS                                             |
| A402                 | INTERIOR ELEVATIONS AND CASEWORK DETAILS                        |
| A501                 | PARTITION TYPES, MISCELLANEOUS DETAILS                          |
| A502                 | DOOR DETAILS                                                    |
| A503                 | DOOR AND WINDOW SCHEDULES, DOOR, WINDOW TYPES, & WINDOW DETAILS |
| PLUMBING             |                                                                 |
| P101                 | PLUMBING PLAN - SEWER AND WASTE, AND MISC PLUMBING DETAILS      |
| P102                 | PLUMBING PLAN - WATER AND GAS                                   |
| P103                 | PLUMBING AND GAS RISER DIAGRAMS                                 |
| MECHANICAL           |                                                                 |
| M101                 | HVAC FLOOR PLAN, DETAILS, AND SCHEDULES                         |
| M102                 | HVAC DETAILS AND SCHEDULES                                      |
| ELECTRICAL           |                                                                 |
| E101                 | ELECTRICAL PLAN - POWER AND ELECTRICAL NOTES                    |
| E102                 | ELECTRICAL PLAN - LIGHTING AND LOAD SUMMARY                     |
| E103                 | ELECTRICAL CIRCUIT PANELS AND ONE-LINE DIAGRAMS                 |





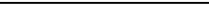
# 1 LIFE-SAFETY PLAN

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

## LIFE-SAFETY INFORMATION

|                                                                                                                                                                               |                               |                                                |                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|------------------------------------------------|-----------------------------|
| <b>APPLICABLE CODES</b><br>NFPA 101 LIFE-SAFETY CODE 2015                                                                                                                     |                               |                                                |                             |
| OCCUPANCY TYPE(S) AND CHAPTER(S)<br>ROOMING OR LODGING (CHAPTER 26)<br>BUSINESS (CHAPTER 33)                                                                                  |                               |                                                |                             |
| STORAGE (ORDINARY HAZARD) (CHAPTER 42)                                                                                                                                        |                               |                                                |                             |
| MULTIPLE, MIXED, OR SEPARATE OCCUPANCY (REFERENCE CHAPTER 6)                                                                                                                  |                               |                                                |                             |
| <b>CLASSIFICATION OF HAZARD OF CONTENTS</b><br>(REFERENCE: OCCUPANCY CHAPTER AND 8.2.2. SPECIFY LOW, ORDINARY, OR HIGH)                                                       |                               |                                                |                             |
| <b>CONSTRUCTION TYPE(S)</b> (REFERENCE: CHAPTERS, TABLE A.8.2.1.2 AND COMMENTARY TABLE 8.1 IN HANDBOOK)                                                                       |                               |                                                |                             |
| V(000)                                                                                                                                                                        |                               |                                                |                             |
| <b>MINIMUM CONSTRUCTION REQUIREMENTS</b> (REFERENCE OCCUPANCY CHAPTER)                                                                                                        |                               |                                                |                             |
| <b>APPLICABLE DEFINITIONS</b> (REFERENCE: CHAPTER 2)                                                                                                                          |                               |                                                |                             |
| N/A                                                                                                                                                                           |                               |                                                |                             |
| <b>OCCUPANCY</b>                                                                                                                                                              |                               |                                                |                             |
| OCCUPANCY LOAD CALCULATIONS                                                                                                                                                   |                               | (REFERENCE: TABLE 7.3.1.2)                     |                             |
| OCG/FUNCTION OF SPACE                                                                                                                                                         | FLOOR AREA PER OCG (SF)       | ACTUAL SF                                      | OCCUPANT LOAD               |
| ROOMING & LODGING                                                                                                                                                             | X                             | 2,624 SF                                       | 14                          |
| STORAGE (5-2)                                                                                                                                                                 | 500                           | 3,902 SF                                       | 9                           |
| TOTAL                                                                                                                                                                         |                               | 6,526 SF                                       | 23                          |
| <b>INCIDENTAL USE AREAS AND REQUIRED SEPARATION</b>                                                                                                                           |                               |                                                |                             |
| ROOM OR AREA                                                                                                                                                                  |                               | SEPARATION                                     |                             |
| N/A                                                                                                                                                                           |                               |                                                |                             |
| <b>MEANS OF EGRESS</b>                                                                                                                                                        |                               |                                                |                             |
| NUMBER OF EXITS                                                                                                                                                               |                               | (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6) |                             |
| 3                                                                                                                                                                             |                               |                                                |                             |
| <b>MINIMUM EXIT SEPARATION DISTANCE FOR REMOTELY LOCATED EXITS</b><br>(REFERENCE: SECTION 7.5; SPECIFY 1/2 OR 1/3 DIAGONAL DISTANCE OF AREA SERVED)<br>1/3 DIAGONAL = 38'-10" |                               |                                                |                             |
| <b>MAXIMUM DEAD-END CORRIDORS</b> (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)                                                                                              |                               |                                                |                             |
| ROOMING & LODGING                                                                                                                                                             |                               | NR                                             |                             |
| STORAGE                                                                                                                                                                       |                               | 100                                            |                             |
| <b>MAXIMUM COMMON PATH OF TRAVEL</b> (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)                                                                                           |                               |                                                |                             |
| DISTANCE                                                                                                                                                                      |                               |                                                |                             |
| ROOMING & LODGING                                                                                                                                                             |                               | NR                                             |                             |
| STORAGE                                                                                                                                                                       |                               | 100'                                           |                             |
| <b>MAXIMUM TRAVEL DISTANCE TO EXITS</b> (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)                                                                                        |                               |                                                |                             |
| ROOMING & LODGING                                                                                                                                                             |                               | NR                                             |                             |
| STORAGE                                                                                                                                                                       |                               | 400'                                           |                             |
| <b>CAPACITY OF MEANS OF EGRESS</b> (REFERENCE: 7.3 AND TABLE 7.3.3.1)                                                                                                         |                               |                                                |                             |
| COMPONENT                                                                                                                                                                     | OCCUPANT LOAD                 | X CAPACITY FACTOR                              | MINIMUM WIDTH               |
| EXITS                                                                                                                                                                         | 23                            | 0.2                                            | 5"                          |
| *MAIN ENTRANCE MUST BE SIGNED TO ACCOMMODATE 1/2 OCCUPANT LOAD OF BUILDING                                                                                                    |                               |                                                |                             |
| <b>FIRE RESISTANCE RATING REQUIREMENTS</b>                                                                                                                                    |                               |                                                |                             |
| CHAPTER 8                                                                                                                                                                     |                               |                                                |                             |
| <b>EXTERIOR BEARING WALLS</b>                                                                                                                                                 |                               | (REFERENCE TABLE A.8.2.1.2) 0 HOURS            |                             |
| <b>INTERIOR BEARING WALLS</b>                                                                                                                                                 |                               | (REFERENCE TABLE A.8.2.1.2) 0 HOURS            |                             |
| <b>COLUMNS</b>                                                                                                                                                                |                               | (REFERENCE TABLE A.8.2.1.2) 0 HOURS            |                             |
| <b>BEAMS, GIRDERS, TRUSSES, AND ARCHES</b>                                                                                                                                    |                               | (REFERENCE TABLE A.8.2.1.2) 0 HOURS            |                             |
| <b>FLOOR-CEILING ASSEMBLIES</b>                                                                                                                                               |                               | (REFERENCE TABLE A.8.2.1.2) 0 HOURS            |                             |
| <b>ROOF-CEILING ASSEMBLIES</b>                                                                                                                                                |                               | (REFERENCE TABLE A.8.2.1.2) 0 HOURS            |                             |
| <b>INTERIOR NON-BEARING WALLS</b>                                                                                                                                             |                               | (REFERENCE TABLE A.8.2.1.2) 0 HOURS            |                             |
| <b>EXTERIOR NON-BEARING WALLS</b>                                                                                                                                             |                               | (REFERENCE TABLE A.8.2.1.2) 0 HOURS            |                             |
| <b>SHAFT ENCLOSURE</b>                                                                                                                                                        |                               | (SECTION 8.6.5) 0 HOURS                        |                             |
| <b>EXIT ENCLOSURE</b>                                                                                                                                                         |                               | 1 HOUR                                         |                             |
| <b>OPENING PROTECTIVES</b> (CHAPTER 8, TABLE 8.3.4.2)                                                                                                                         |                               |                                                |                             |
| COMPONENT                                                                                                                                                                     | WALLS & PART FIRE RATING (HR) | FIRE DOOR ASSEMBLIES                           | FIRE WINDOW ASSEMBLIES (HR) |
| ELEVATOR                                                                                                                                                                      | 1 HR                          | 1 HR                                           | 1 HR                        |
| STAIRWAYS                                                                                                                                                                     | 1 HR                          | 1 HR                                           | 1 HR                        |
| SMOKE BARRIERS                                                                                                                                                                | 1 HR                          | 1/3 HR                                         | 1/3 HR                      |
| ADDITIONAL CODE REQUIREMENTS (OCCUPANCY CHAPTER 38)                                                                                                                           |                               |                                                |                             |
| <b>EXTINGUISHMENT REQUIREMENTS</b>                                                                                                                                            |                               | <b>SPRINKLER (REQUIRED)</b>                    |                             |
| <b>DETECTION, ALARM, AND COMMUNICATION SYSTEMS</b>                                                                                                                            |                               | YES                                            |                             |
| <b>EMERGENCY LIGHTING</b>                                                                                                                                                     |                               | PER 30.2.6                                     |                             |
| <b>EMERGENCY LIGHTING</b>                                                                                                                                                     |                               | PER 30.2.11.2                                  |                             |
| <b>ALLOWABLE HEIGHT AND BUILDING AREA</b>                                                                                                                                     |                               | PER IBC EQUIVALENT CONSTRUCTION TYPE           |                             |
| <b>CONSTRUCTION TYPE (NFPA)</b>                                                                                                                                               |                               | V(000)                                         |                             |
| <b>CONSTRUCTION TYPE (IBC)</b>                                                                                                                                                |                               | VB                                             |                             |
| <b>MAXIMUM HEIGHT IN STORIES</b> (REF: IBC TABLE 503)                                                                                                                         |                               | (R-2) 3                                        |                             |
| <b>MAXIMUM HEIGHT IN FEET</b> (REF: IBC TABLE 503)                                                                                                                            |                               | (5-2) 4                                        |                             |
| <b>MAXIMUM AREA IN SQUARE FEET</b> (REF: IBC TABLE 503)                                                                                                                       |                               | 50 FEET                                        |                             |
| <b>MAXIMUM AREA IN SQUARE FEET</b> (REF: IBC TABLE 503)                                                                                                                       |                               | (R-2) 12,000 SF                                |                             |
| <b>MAXIMUM AREA IN SQUARE FEET</b> (REF: IBC TABLE 503)                                                                                                                       |                               | (5-2) 21,000 SF                                |                             |

## LIFE-SAFETY LEGEND

| SYMBOL                                                                                | DESCRIPTION                                   |
|---------------------------------------------------------------------------------------|-----------------------------------------------|
|  | EXITS                                         |
|  | DOOR FIRE RATING (MINUTES)                    |
|  | DOOR WIDTH/EGRESS CAPACITY                    |
|  | EXIT LIGHT                                    |
|  | FIRE EXTINGUISHER AND CABINET - SEMI-RECESSED |
|  | FIRE EXTINGUISHER W/ WALL MTD BRACKET         |
|  | COMMON PATH OF TRAVEL                         |
|  | TOTAL TRAVEL DISTANCE                         |
|  | DECISION POINT                                |
|  | SMOKE PARTITION                               |
|  | ONE-HOUR FIRE RATED PARTITION                 |
|  | TWO-HOUR FIRE RATED PARTITION                 |
|  | TWO-HOUR FIRE/SMOKE PARTITION                 |
|  | FOUR-HOUR RATED PARTITION                     |

# BUILDING CODE INFORMATION

|                                                                                    |                     |                                    |                             |
|------------------------------------------------------------------------------------|---------------------|------------------------------------|-----------------------------|
| <b>APPLICABLE CODES</b>                                                            |                     |                                    |                             |
| IBC 2021                                                                           |                     |                                    |                             |
| <b>OCCUPANCY TYPE OF GROUP(S)</b>                                                  |                     | (IBC 2021 CHAPTER 19)              |                             |
| STORAGE (S-2)                                                                      |                     |                                    |                             |
| <b>RESIDENTIAL (R-2)</b>                                                           |                     |                                    |                             |
| <b>CONSTRUCTION TYPE(S)</b>                                                        |                     | (TABLE 503)                        |                             |
| VB                                                                                 |                     |                                    |                             |
| <b>ALLOWABLE HEIGHT AND BUILDING AREA LIMITED BY TYPE OF CONSTRUCTION</b>          |                     |                                    |                             |
| MAXIMUM HEIGHT IN STORIES (SECTION 503 & 504, TABLE 503)                           |                     | 2                                  |                             |
| MAXIMUM AREA IN SQUARE FEET (SECTION 503, 506 & 507, TABLE 503)                    |                     | (R-2) 12,000 SF<br>(S-2) 21,000 SF |                             |
| <b>MIXED USED OCCUPANCY</b>                                                        |                     |                                    |                             |
| SECTION 508                                                                        |                     |                                    |                             |
| INCIDENTAL ACCESSORY OCCUPANCIES (HR) (TABLE 508.2.5)                              |                     |                                    |                             |
| ROOM OR AREA                                                                       |                     | SEPARATION                         |                             |
| N/A                                                                                |                     | N/A                                |                             |
| REQUIRED SEPARATION OR OCCUPANCIES (HR) (TABLE 508.4)                              |                     |                                    |                             |
| N/A                                                                                |                     |                                    |                             |
| <b>FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS</b>                   |                     |                                    |                             |
| CHAPTER 6, TABLE 601                                                               |                     |                                    |                             |
| STRUCTURAL FRAMES                                                                  |                     | 0 HOURS                            |                             |
| EXTERIOR BEARING WALLS                                                             |                     | 0 HOURS                            |                             |
| INTERIOR BEARING WALLS                                                             |                     | 0 HOURS                            |                             |
| EXTERIOR NON-BEARING WALLS                                                         |                     | 0 HOURS                            |                             |
| INTERIOR NON-BEARING WALLS                                                         |                     | 0 HOURS                            |                             |
| FLOOR CONSTRUCTION (INC SUPPORTING BEAMS & JOISTS)                                 |                     | 0 HOURS                            |                             |
| ROOF CONSTRUCTION (INC SUPPORTING BEAMS & JOISTS)                                  |                     | 0 HOURS                            |                             |
| FIRE-RESISTANCE RATING FOR EXT WALLS BASED ON FIRE-SEPARATION DISTANCE (TABLE 602) |                     | 0 HOURS                            |                             |
| <b>MAXIMUM AREA OF EXTERIOR WALL OPENINGS</b>                                      |                     |                                    |                             |
| TABLE 705.8                                                                        |                     |                                    |                             |
| <b>NOTES ON SPECIFIC, PERTINENT PLAN ISSUES</b>                                    |                     |                                    |                             |
| N/A                                                                                |                     |                                    |                             |
| <b>FIRE WALLS</b>                                                                  |                     |                                    |                             |
| SECTION 706, TABLE 706.4                                                           |                     |                                    |                             |
| REQUIRED?                                                                          |                     | NO                                 |                             |
| IF YES THEN NOTE REQUIRED RATING                                                   |                     |                                    |                             |
| <b>FIRE BARRIERS</b>                                                               |                     |                                    |                             |
| SECTION 707                                                                        |                     |                                    |                             |
| SHAFT ENCLOSURE(S) - NOT REQUIRED RATING (SECTION 708.4)                           |                     | NO PER 708.2.1                     |                             |
| EXIT ENCLOSURE - NOTE REQUIRED RATING (SECTION 1022.1)                             |                     | 1 HOUR                             |                             |
| ELEVATORWAY - NOTE REQUIRED RATING (SECTION 1023.3)                                |                     | 1 HOUR                             |                             |
| HORIZONTAL EXIT - NOTE REQUIRED RATING (SECTION 1029.1)                            |                     | 2 HOURS                            |                             |
| STAIRUIMS - NOTE REQUIRED RATING (SECTION 404.6)                                   |                     | N/A                                |                             |
| SEPARATION FROM STAGE (SECTION 410.5)                                              |                     | N/A                                |                             |
| <b>OCCUPANT LOADS</b>                                                              |                     |                                    |                             |
| IBC 2009, SECTION 1004, TABLE 1004.1.1)                                            |                     |                                    |                             |
| OCCUPANT/FUNCTION SPACE                                                            |                     | FOOR AREA/OCCUPANT (SF)            | OCCUPANT LOAD               |
| R-2                                                                                |                     | 2,634 SF / 200 SF PER OCCUPANT     | 13 OCCUPANTS                |
| S-2                                                                                |                     | 3,902 SF / 200 SF PER OCCUPANT     | 20 OCCUPANTS                |
|                                                                                    |                     | TOTAL                              | 34                          |
| <b>EXIT REQUIREMENTS</b>                                                           |                     |                                    |                             |
| (IBC 2012 SECTION 1009)                                                            |                     |                                    |                             |
| NUMBER OF ACCESSIBLE MEANS OF EGRESS REQUIRED PER FLOOR (TABLE 1015.1 & 1021.1)    |                     |                                    |                             |
| FLOOR                                                                              |                     | # MEANS OF EGRESS REQUIRED         |                             |
| R-2                                                                                |                     | 2                                  |                             |
| S-2                                                                                |                     | 1                                  |                             |
| <b>TOTAL WIDTH OF EXITS</b>                                                        |                     |                                    |                             |
| (OCCUPANT LOAD/# OF MEANS OF EGRESS) X (FACTOR IN SECTION 1005)                    |                     |                                    |                             |
| OCCUPANT LOAD                                                                      | # OF EXITS PROVIDED | MULTIPLIER (SECTION 1005.1)        | MINIMUM EXIT WIDTH (INCHES) |
| 13                                                                                 | 2                   | 0.2                                | 5.2                         |
| 20                                                                                 | 1                   | 0.2                                | 3.90200                     |
| MAXIMUM EXIT ACCESS TRAVEL DISTANCE                                                |                     | (TABLE 1016.1)                     | 250'                        |
| MINIMUM CORRIDOR WIDTH                                                             |                     | (SECTION 1018.1 & 1005.1)          | 44"                         |
| MAXIMUM DEAD END CORRIDOR                                                          |                     | (SECTION 1018.4)                   | 50'                         |
| MAXIMUM COMMON PATH OF TRAVEL                                                      |                     | (SECTION 1014.3)                   | 100'                        |

## WIND SPEED DESIGN REQUIREMENTS

|                                                                                                                        |                                     |
|------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| THIS BUILDING SHALL BE DESIGNED WITH IBC SEC 1609 AS A FULLY ENCLOSED BLDG USING THE FOLLOWING INFORMATION:            |                                     |
| WIND DESIGN DATA:                                                                                                      |                                     |
| DETERMINATION OF WIND LOADS SHALL BE IN ACCORDANCE WITH IBC SEC 1609.3 (A), (B), OR (C) DEPENDING ON THE RISK CATEGORY |                                     |
| BASIC WIND SPEED (3 SECOND GUST) =                                                                                     | 140 MPH (FIG 1609)                  |
| RISK FACTOR: CATEGORY II BLDG                                                                                          | SURFACE ROUGHNESS = C               |
| TOPOGRAPHIC FACTOR 1                                                                                                   |                                     |
| =                                                                                                                      |                                     |
| DESIGN WIND PRESSURE (ASCE 7-10):                                                                                      | 39.6 PSF                            |
| INTERNAL PRESSURE COEFFICIENT (ASCE 7-10):                                                                             | ± 0.18                              |
| LIVE LOADS (SEC 1607)                                                                                                  |                                     |
| ASSEMBLY AREA W/ MOVEABLE SEATS (TABLE 1607.1):                                                                        | 100 PSF                             |
| OFFICE (TABLE 1607.1):                                                                                                 | 50 PSF                              |
| ROOF LIVE LOADS (TABLE 1607.1):                                                                                        | 20 PSF UNIFORM, 300 LB CONCENTRATED |
| SNOW LOADS (TABLE 1608):                                                                                               |                                     |
| GROUND SNOW LOAD (FIG 1608.2):                                                                                         | 5 PSF                               |

CONTRACTOR NOTE:

EACH CONTRACTOR IS RESPONSIBLE FOR THE CONSTRUCTION OF THE MAIN WIND-FORCE-RESISTING COMPONENT SYSTEM OF THIS BUILDING. EACH CONTRACTOR SHALL SUBMIT A WRITTEN CONTRACTOR'S STATEMENT OF RESPONSIBILITY TO THE BUILDING OFFICIAL AND OWNER PRIOR TO COMMENCEMENT OF WORK THAT THE CONTRACTOR SHALL PROVIDE PERIODIC INSPECTIONS AS REQUIRED BY SEC 1705.

## FLOOD ZONE INFORMATION

BASED ON THE SURVEY OF THIS PROPERTY BY J.V. BURKES AND ASSOCIATES, INC. THIS PROPERTY IS IN A SPECIAL FLOOD HAZARD AREA. F.I.R.M. COMMUNITY MAP NO 220205 0395 D; REVISED 04/02/1991

FLOOD ZONE: AH BASE FLOOD ELEVATION 1.0 NGVD

ELEVATIONS REFER TO NGVD 1929 DATUM

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

Chief Engineer: Brian Mistich, PE  
554 Old Spanish Trail  
J-11, A-70458  
www.dammonengineering.com  
info@dammonengineering.com  
TEL: 740.5822

[illegible]

SEAL:



NEW FIRE STATION #10  
ST. TAMMANY FIRE PROTECTION  
DISTRICT No. 1

2745 LAKESHORE VISTA BLVD

|         |      |       |            |
|---------|------|-------|------------|
| JO8 No: | 2519 | DATE: | 12-03-2025 |
|---------|------|-------|------------|

|           |     |             |     |
|-----------|-----|-------------|-----|
| DRAWN BY: | CKD | CHECKED BY: | JMS |
|-----------|-----|-------------|-----|

SHEET TITLE:  
LIFE-SAFETY AND BUILDING  
CODE INFORMATION

DRAWING NUMBER:

LS101

SHEET No: 4 of 37

13 REGULAR PARKING SPACES PROVIDED  
1 HANDICAP PARKING SPACES PROVIDED  
TOTAL PARKING SPACES PROVIDED 14

[illegible]

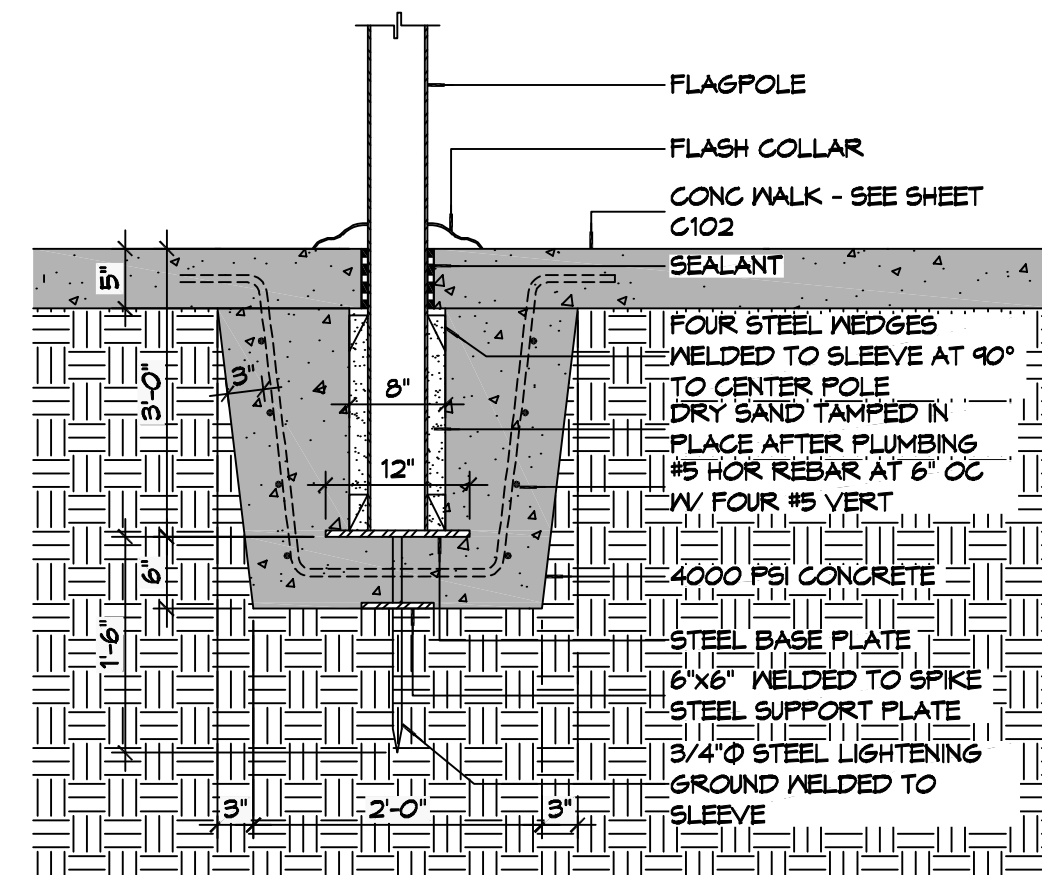
NEW FIRE STATION #10  
ST. TAMMANY FIRE PROTECTION  
DISTRICT NO. 1

|                                                |           |      |         |
|------------------------------------------------|-----------|------|---------|
| 2745 LAKESHORE VISTA BLVD<br>SLIDELL, LA 70461 | JOB No:   | 2519 | DATE    |
|                                                | DRAWN BY: | CKD  | CHECKED |

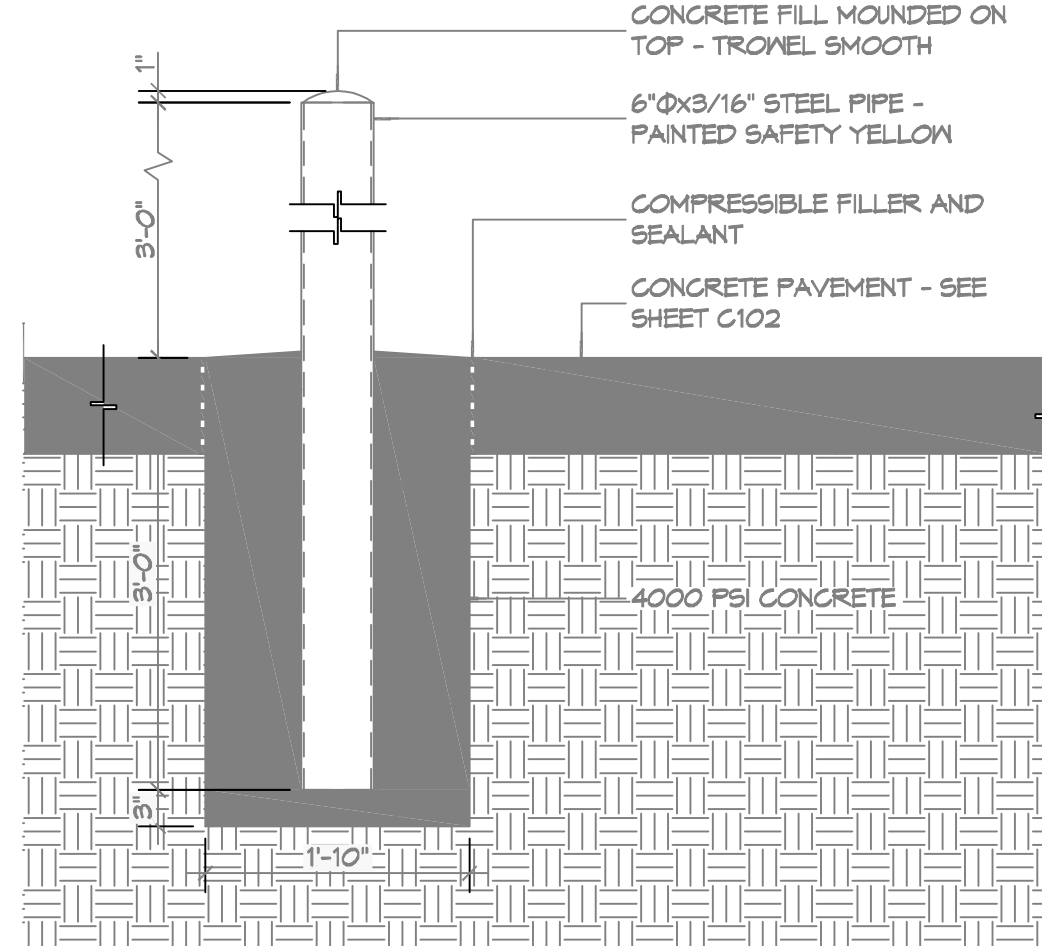
SHEET TITLE:  
PROPOSED SITE PLAN

DRAWING NUMBER:

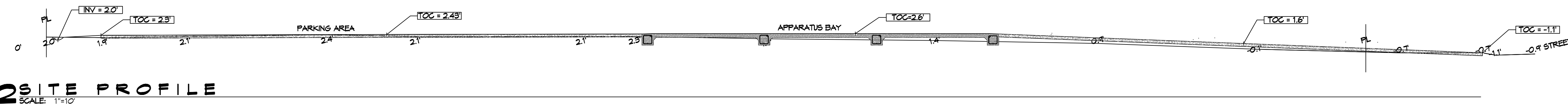
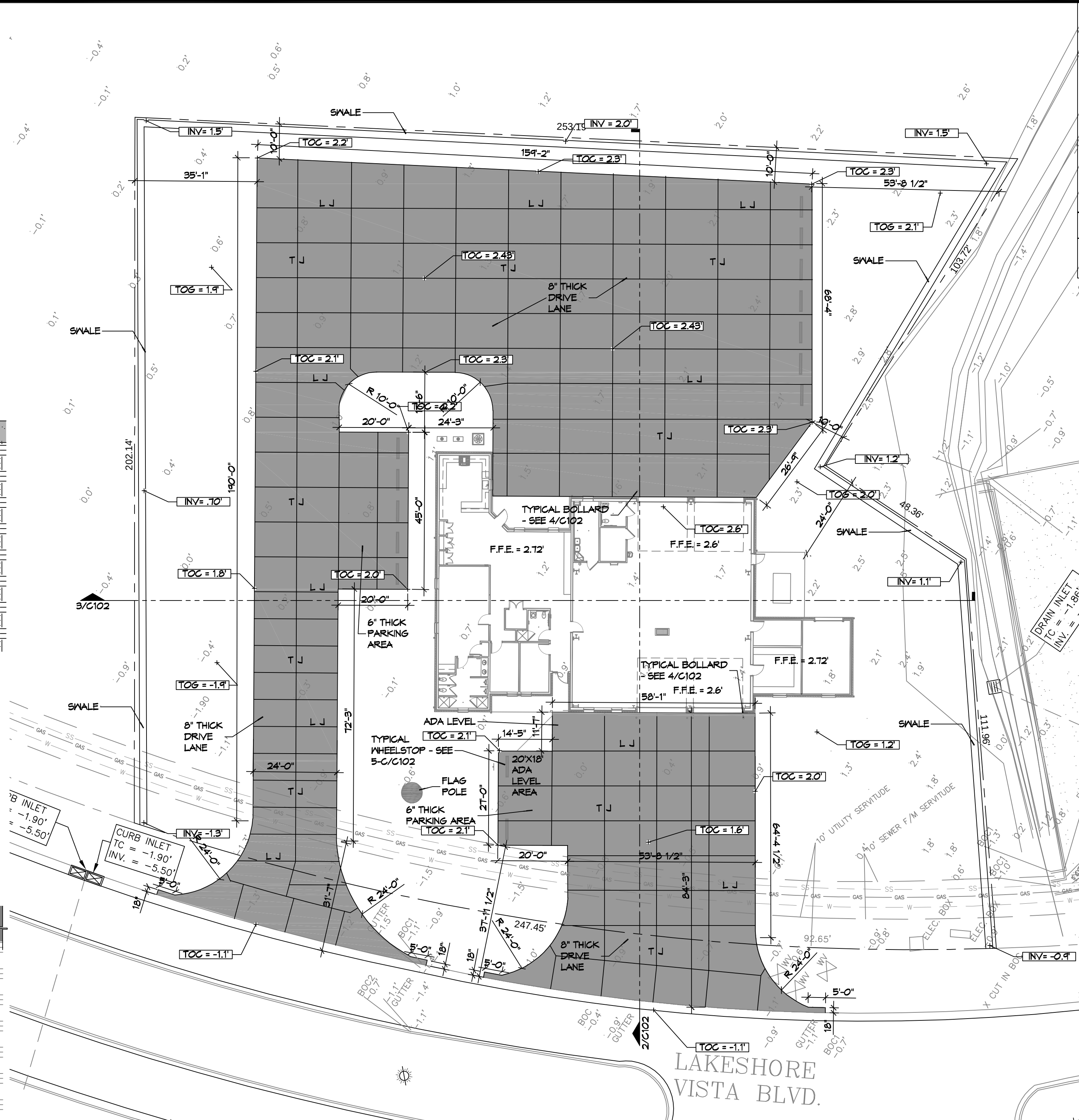
C101



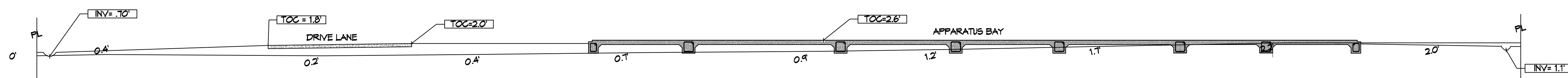
**6 DETAIL**  
SCALE: 3/4" = 1'-0" FLAGPOLE FOUNDATION



**4** **DETAIL**  
SCALE: 3/4" = 1'-0" TYPICAL BOLLARD

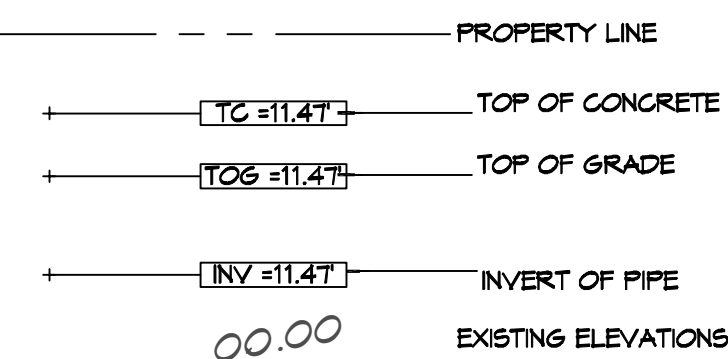


## 2 SITE PROFILE



### 3 SITE PROFILE

## SITE DRAINAGE LEGEND

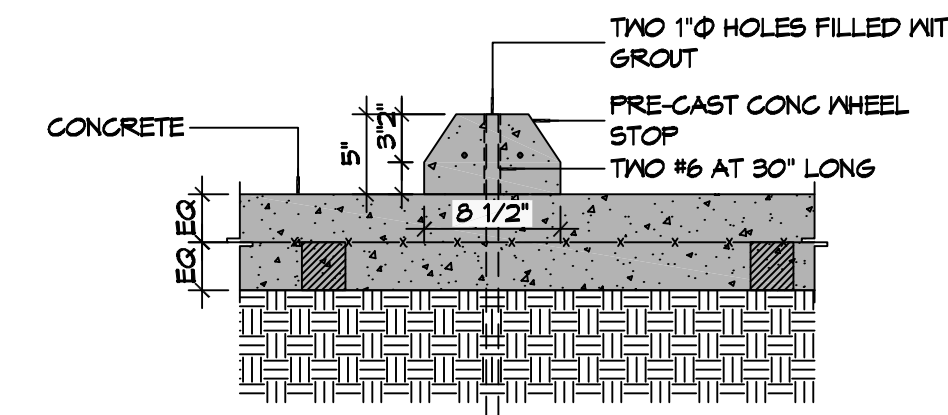


## AREA OF FILL (CUBIC YARDS)

/ 2,840 CUBIC YARDS

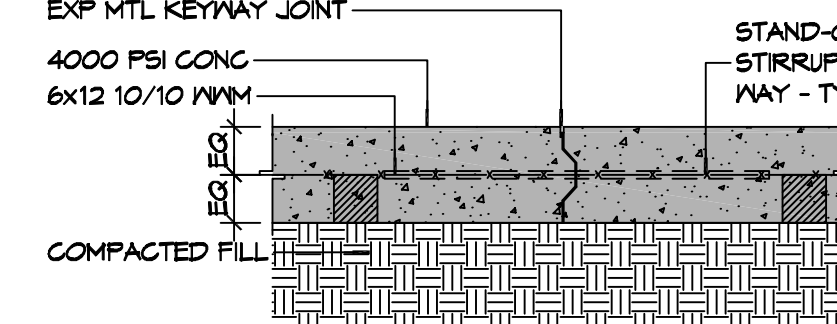
## GENERAL PAYING NOTES

1. ALL NEW CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI AT 28 DAYS AND A MINIMUM THICKNESS OF 6". CONCRETE MIX SHALL BE IN ACCORDANCE WITH THE LATEST REVISION OF ASTM C-150 TYPE 1.
2. CONCRETE PAVING THICKNESS SHALL VARY AS FOLLOWS:
  - a. APRONS & LOADING AREAS = 8" THICKNESS
  - b. DRIVE LANES & PARKING AREAS = 6" THICKNESS
3. ALL REINFORCING STEEL SHALL MEET ASTM-A615 (GRADE 60).
4. 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 ESTABLISHED AS SHOWN ON THE PLANS AND IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
5. ALL SUB GRADE FILL SHALL BE SELECT GRANULAR MATERIAL COMPACTED TO 95% STANDARD PROCTOR DENSITY IN A MAXIMUM OF 6" LIFTS.
6. CONTRACTOR SHALL CONTACT THEIR REGULATORY DEPARTMENT OF ENGINEERING PRIOR TO CONDUCTING ANY WORK.
7. ANY WORK WITHIN THE ROADWAY OR ADJACENT TO THE ROADWAY CAUSING AN INTERFERENCE TO VEHICULAR TRAFFIC MUST CONFORM TO THE REQUIREMENTS SET FORTH IN THE MINIMUM STANDARD 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.

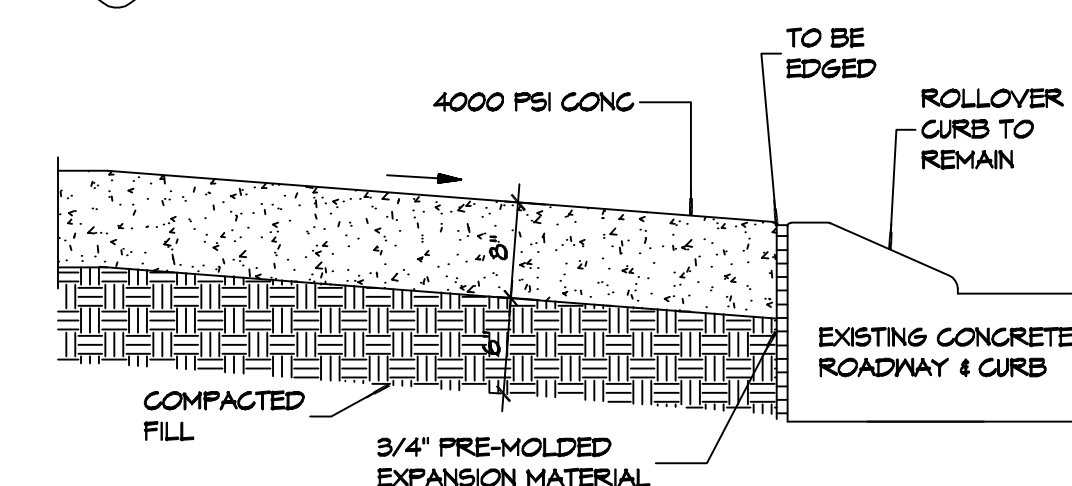


(C) TYPICAL WHEEL STOP

**6" MTL KEYWAY JOINT SYSTEM NOTE**  
**LONGITUDINAL JOINTS (LJ): No.5 DEFORMED**  
**DOWEL ROD 24" L @ 24" O.C.**  
**TRANSVERSE JOINTS (TJ): No.5 SMOOTH**  
**DOWEL ROD 24" L @ 24" O.C.**



**(B) TYPICAL PAVEMENT JOINT**



**NOTE:**  
**APRON SHALL BE MINIMUM 8" THICK**  
**CONCRETE OVER 6" COMPACTED SAND BASE. CONCRETE**  
**SHALL BE 4000 PSI.**

**A EXISTING PAVING TO NEW PAVING**

## 5 PAVING DETAIL

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

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Info@dammon.com  
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Fax: 985.649.3832

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**NEW FIRE STATION #10  
ST. TAMMANY FIRE PROTECTION  
DISTRICT No. 1**

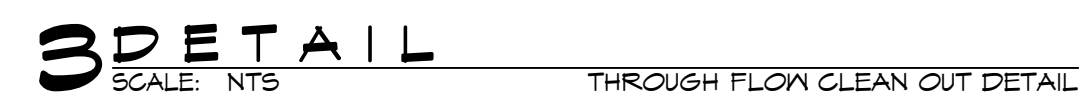
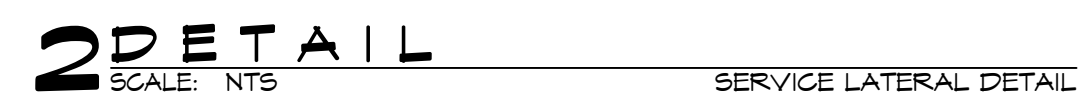
2745 LAKESHORE VISTA BLVD  
SUNBELT | A 70461

|           |      |             |            |
|-----------|------|-------------|------------|
| JOB No:   | 2519 | DATE:       | 12-03-2025 |
| DRAWN BY: | CKD  | CHECKED BY: | BAM        |

SHEET TITLE:  
DETAIL SITE GRADING AND  
PAYING PLAN, PAYING  
DETAILS

DRAWING NUMBER:

# C102



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 ABUTTING PROPERTY LINE.

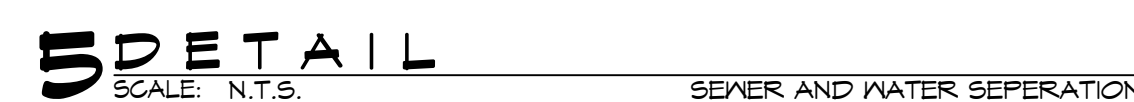
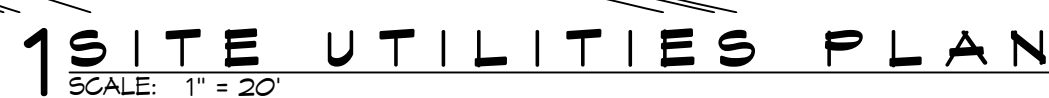
1. ALL CONSTRUCTION SHALL COMPLY WITH CONTRACT SPECIFICATIONS AND APPLICABLE LOCAL, STATE, AND FEDERAL STANDARDS AND REGULATIONS.
2. CONSTRUCTION SHALL NOT INTERRUPT EXISTING UTILITIES.
3. ALL DISTURBED GROUND SHALL BE RESTORED IN KIND TO A CONDITION EQUAL TO OR BETTER THAN ORIGINALLY FOUND.
4. SOIL EROSION CONTROL SHALL BE IN ACCORDANCE WITH THESE DOCUMENTS.
5. PROTECT EXISTING UTILITY LINES FROM DAMAGE. FOLLOW INDIVIDUAL UTILITY'S RECOMMENDATIONS FOR UTILITY LINE PROTECTION.
6. CONTRACTOR SHALL IMMEDIATELY REPORT ALL DAMAGE TO UTILITY LINES TO BOTH UTILITY COMPANY AND ENGINEER.
7. ALL DAMAGE CAUSED TO EXISTING UTILITY LINES BY CONTRACTOR'S OPERATIONS SHALL BE REPAIRED BY THE CONTRACTOR TO COMPLETE SATISFACTION OF THE UTILITY COMPANY AND ENGINEER.
8. LOCATION OF EXISTING UTILITIES IS APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY EXACT LOCATIONS.
9. CONTRACTOR IS RESPONSIBLE FOR CUT AND CAP OF EXISTING UTILITIES PRIOR TO ANY DEMOLITION.
10. CONTRACTOR SHALL CONTACT LOUISIANA ONE CALL PRIOR TO COMMENCEMENT OF SITE EXCAVATION.

— DW — EXISTING WATER LINE  
 — DW — NEW WATER LINE  
 — GAS — EXISTING GAS LINE  
 — GAS — NEW GAS LINE  
 — S — EXISTING SEWER LINE  
 — S — NEW SEWER LINE  
 — W — NEW WASTE LINE  
 — P — UNDERGROUND POWER  
 — ST — STORM WATER

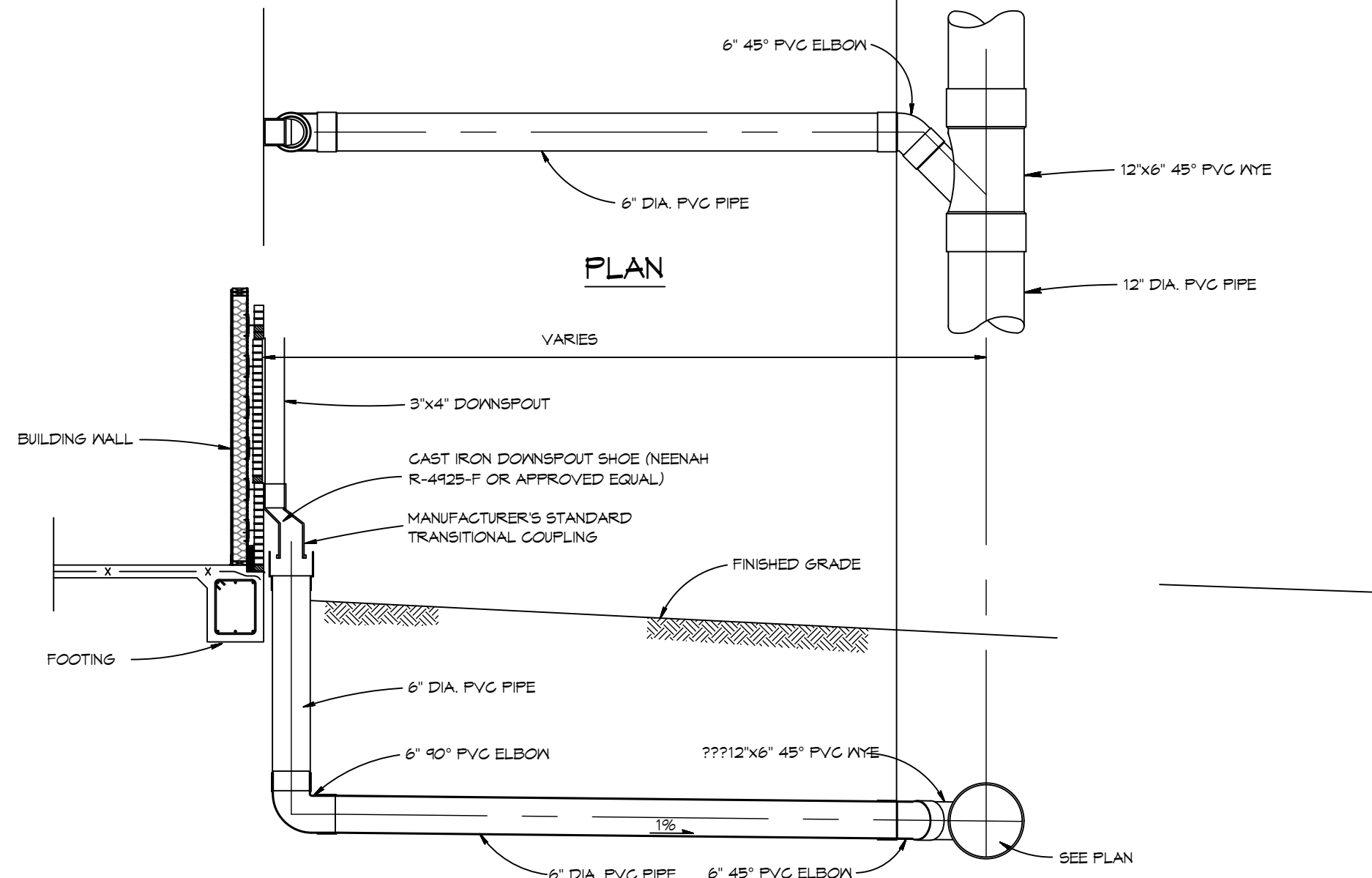
↖ DIRECTION OF SLOPE  
 ↗ DIRECTION OF FLOW  
 CHECK VALVE  
 (BACK FLOW PREVENTER)  
 SEE LIGHTING SCHEDULE E102

— CO —  
 LINE CLEAN OUT  
 CONNECTION TO EXIST  
 METER (WATER OR GAS)

CONTACT FOR MAGNOLIA WATER  
Steve Ernst  
Director, Louisiana Regulatory Relations  
Email: [sernst@cswrgroup.com](mailto:sernst@cswrgroup.com)  
M:(985) 640-1355



## EFT No: 7 of 37



# SITE DRAINAGE LEGEND

---

----- PROPERTY LINE

+----- T.C. = 11.4'----- TOP OF CONCRETE

+----- T.O.G. = 11.4'----- TOP OF GRADE

+----- I.V. = 11.4'----- INVERT OF PIPE

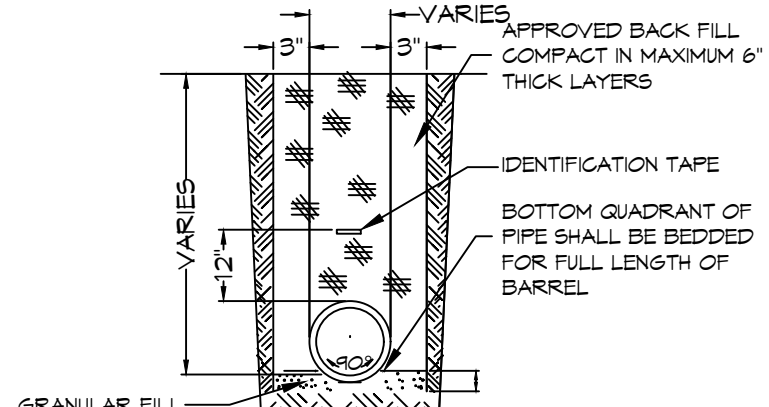
00.00 EXISTING ELEVATIONS

----- ST----- ST----- NEW SUBSURFACE  
DRAINAGE PIPE

↪ DRAINAGE FLOW DIRECTION ARROWS

- # GENERAL SITE DRAINAGE NOTES
- 
1. DRAIN PIPE(S) MUST BE THE BELL AND SPIGOT TYPE WITH "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 A 3' COMPACTED SAND OR LIMESTONE BASE.
  2. DRAIN PIPE AND FITTINGS WITHIN PROPERTY LINE SHALL BE POLYVINYL CHLORIDE PLASTIC PIPE, MEETING CLASS 100 C-900 P.V.C.
  3. ELEVATIONS SHOWN ARE M.S.L.
  4. FIELD VERIFY ALL ELEVATIONS AND DRAINAGE SYSTEM PLACEMENT PRIOR TO START OF WORK.
  5. PROVIDE VERTICAL ELBOW AT DOWNSPOUTS FOR CONNECTION TO SUBSURFACE DRAINAGE WHERE INDICATED. ELBOW ID SHALL BE SIZED SUCH THAT THE DOWNSPOUT CAN BE INSERTED INTO THE PIPE OPENING.
  6. MAINTAIN ALL DRAINAGE FOR PROPER PERFORMANCE.

**4 DETAIL**  
SCALE: N.T.S.



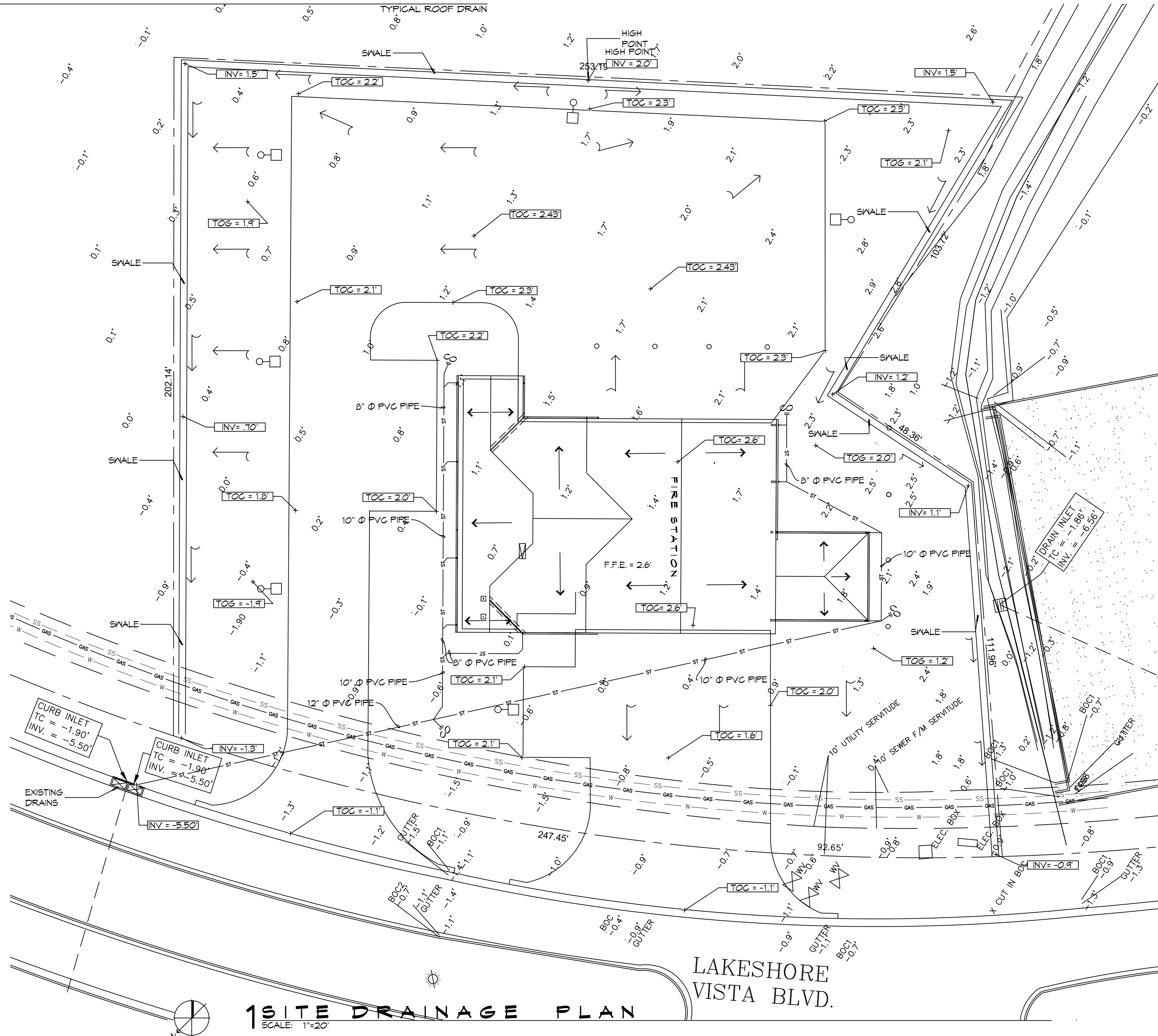
- NOTES:**
- 1) DRAIN PIPE & FITTINGS SHALL BE POLYVINYL CHLORIDE PLASTIC PIPE, MEETING CLASS 100 C-900 PVC.
  - 2) ELEVATIONS SHOWN ARE M.S.L.

# 3 DETAIL

SCALE: N.T.S.



**2 DETAIL**  
SCALE: N.T.S.



**DAMMON**  
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info@dammonengineering.com  
PH: 985.649.5832

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NEW FIRE STATION #10  
ST. TAMMANY FIRE PROTECTION  
DISTRICT No. 1

2745 LAKESHORE VISTA BLVD

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| DATE: 12-03-2025 | 2519 | DATE: 12-03-2025 |
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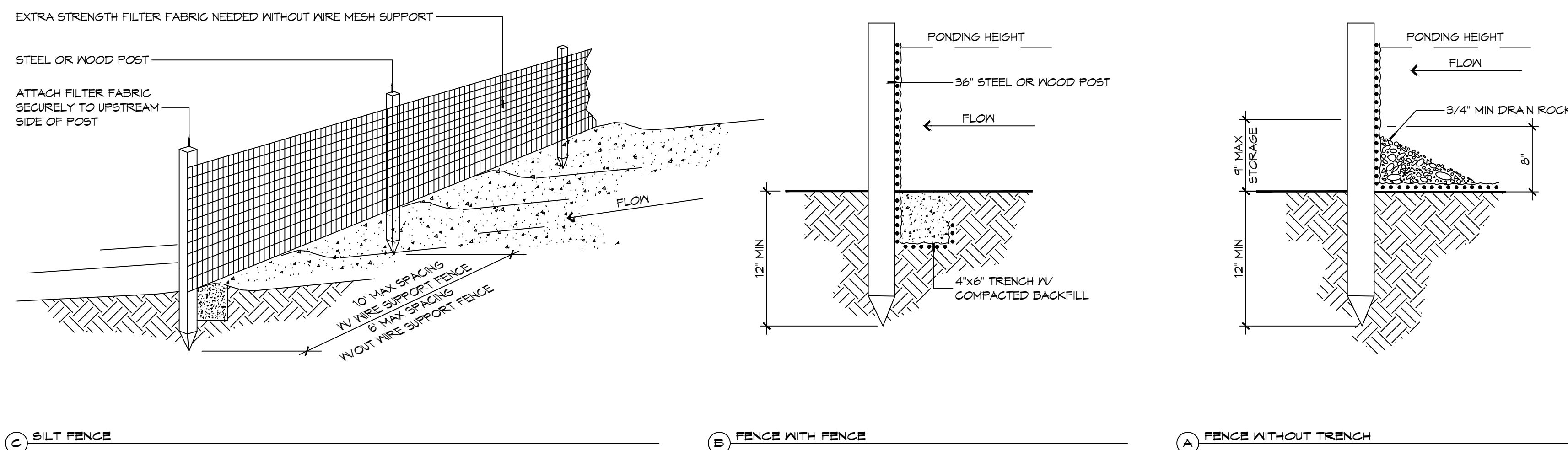
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| DRAWN BY: | CKD | CHECKED BY: | BAM |
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SHEET TITLE:  
SITE PLAN - DRAINAGE  
AND DETAILS

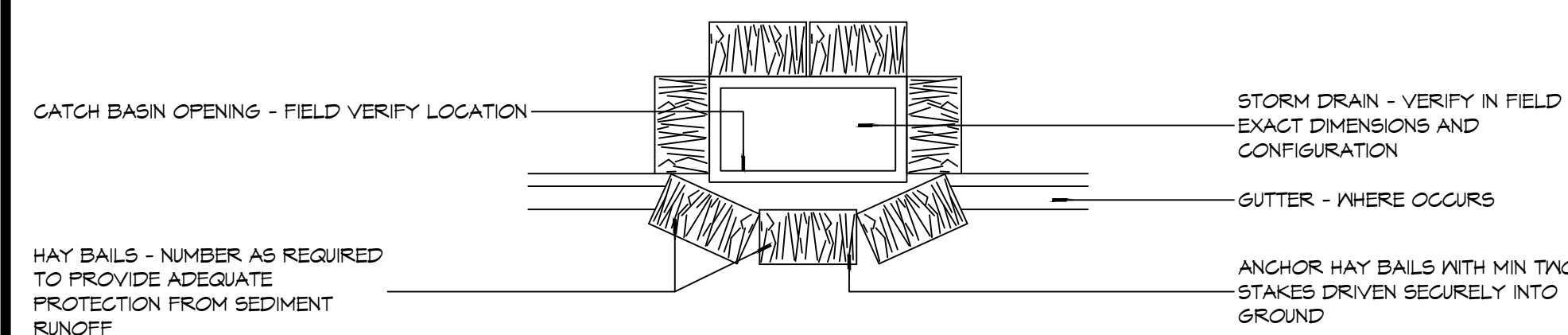
DRAWING NUMBER:

C104

SHEET No: 8 of 37



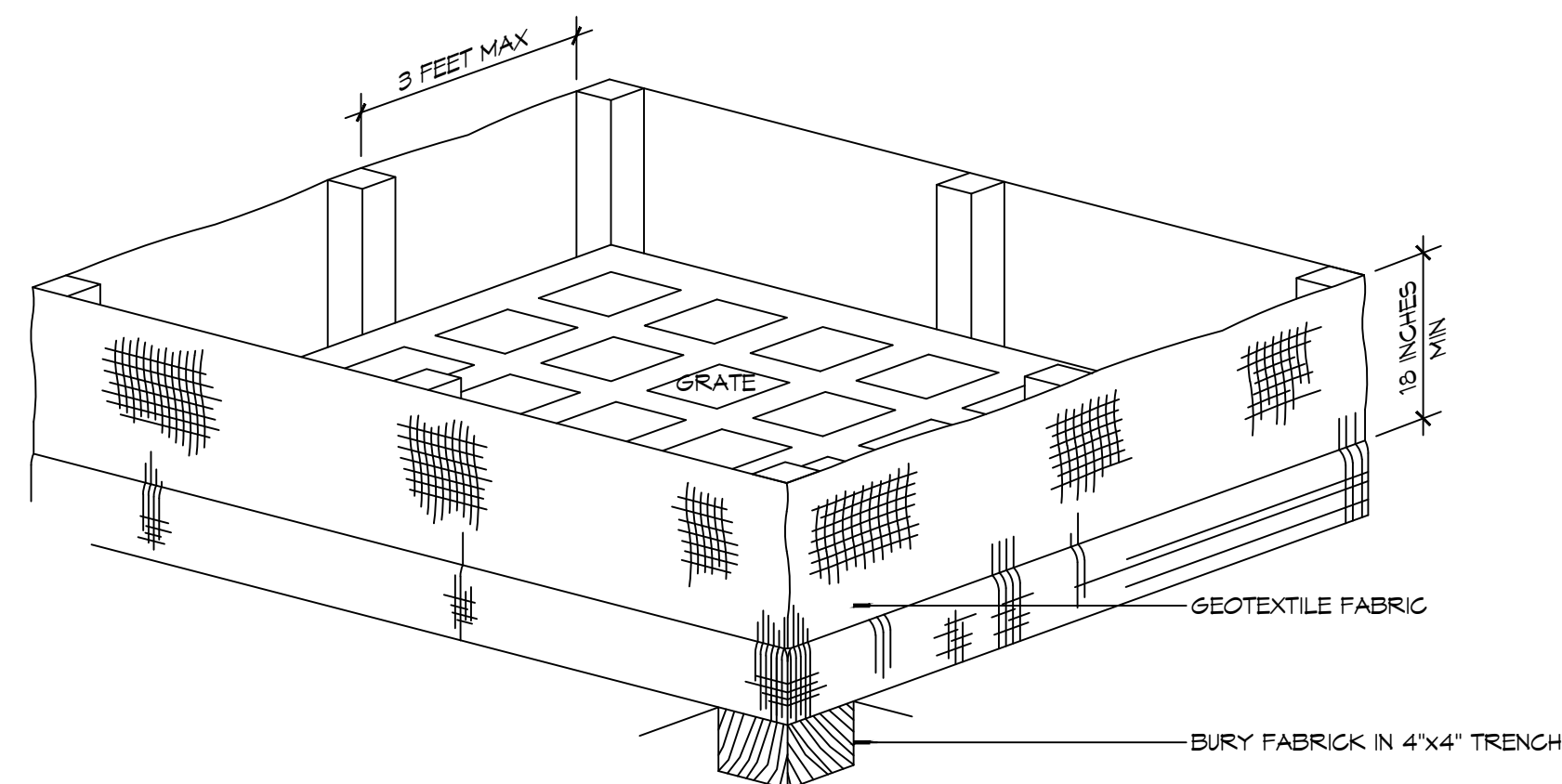
**4 DETAILS**  
SCALE: NTS



### 3 DETAIL

**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.

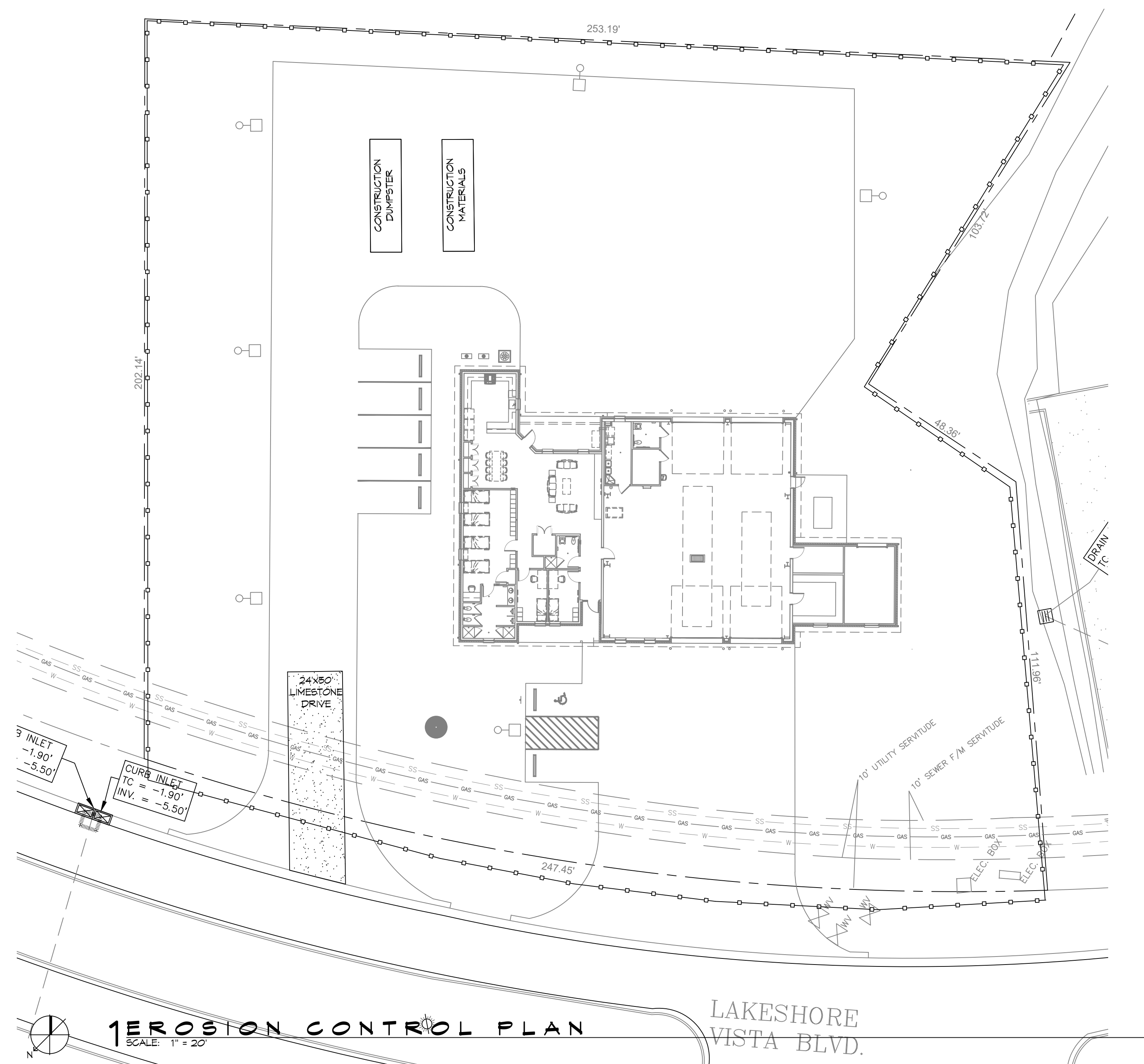
1. THE GEOTEXTILE FABRIC SHALL CONFORM TO SECTION 1019 (TYPE G) OF THE LA DOTD STANDARD SPECIFICATIONS.
2. WOODEN STAKES SUPPORTING THE FABRIC SHALL BE SPACED AROUND THE INLET AT A MAXIMUM SPACING OF 3 FEET.
3. THE HEIGHT OF THE FABRIC ABOVE THE INLET SHALL BE LIMITED TO "1'-6" AND THE BOTTOM OF THE FABRIC SHALL BE BURIED IN A TRENCH APPROXIMATELY 4" WIDE BY 4" DEEP. THE FABRIC SHALL BE STAPLED TO THE 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.



BACKFILL SOIL NOT SHOWN

**2** DETAIL

SCALE: NTS



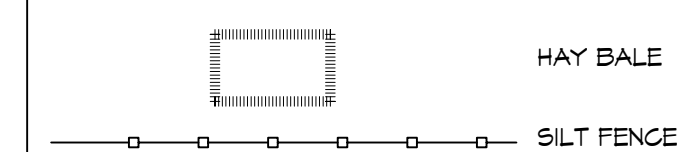
## GENERAL EROSION CONTROL NOTES

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 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 BE TEMPORARILY RESEED 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. 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.

# 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 LINE, 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 A 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 60 PSI OF PRESSURE. COMPACT THE UPSTREAM SIDE FIRST, AND THEN EACH SIDE TWICE FOR A TOTAL OF FOUR TRIPS.
10. SILT FENCE MUST 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



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PH: 985.649.5832

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NEW FIRE STATION #10  
ST. TAMMANY FIRE PROTECTION  
DISTRICT NO. 1

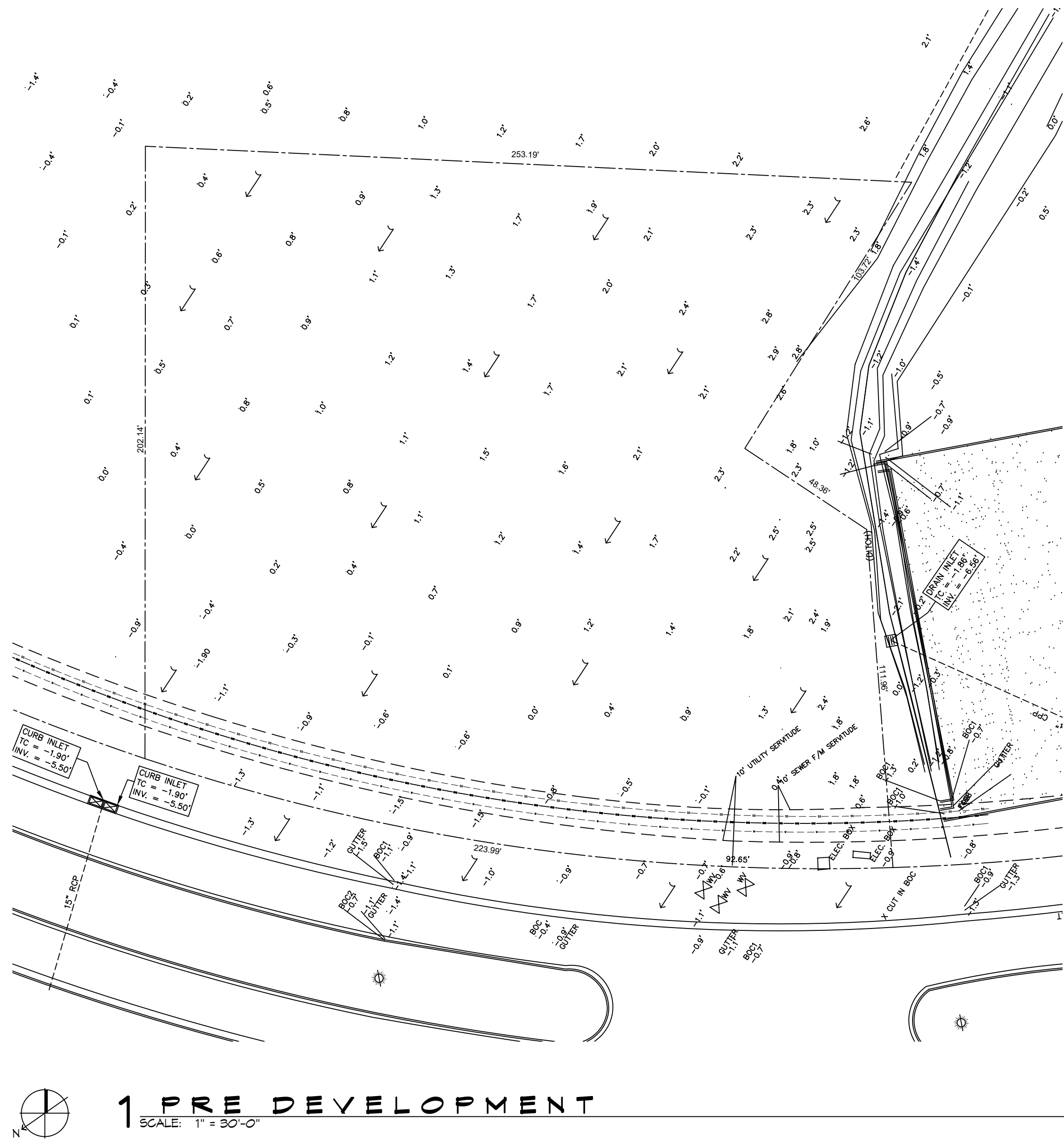
2745 LAKESHORE VISTA BLVD  
SLIDELL, LA 70461

SHEET TITLE:  
SITE PLAN - EROSION  
CONTROL AND DETAILS

DRAWING NUMBER:

**C105**

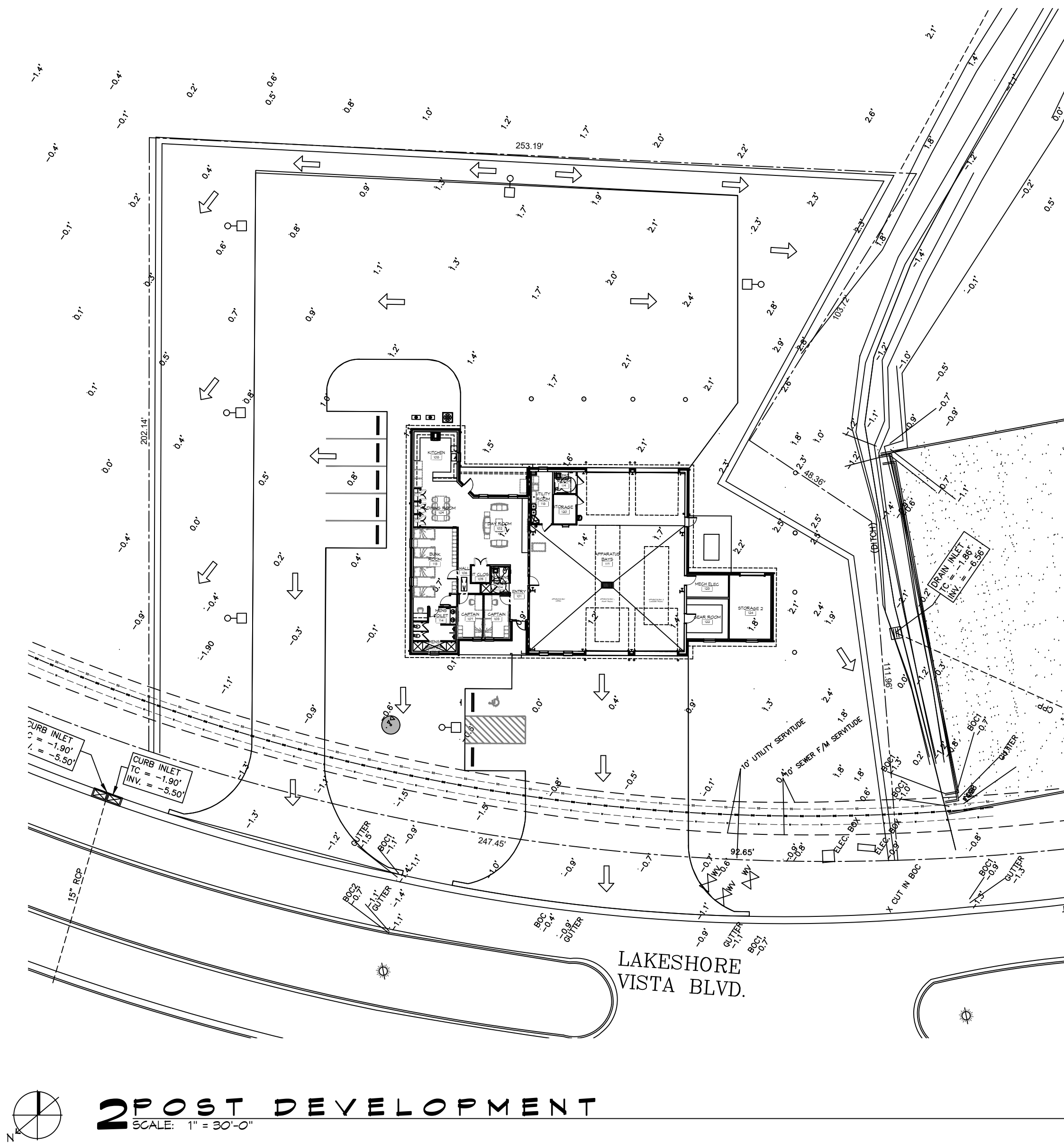
FILE NAME: J:\\_Government\3118 - Fire Station #10\Drawings\Current\Drawings\10106 - Pre and Post.dwg PLOT DATE: 8/1/2025 8:41:08 AM



**PRE HARD & GREEN SPACE**

EXISTING AREA = 1.187 ACRES = 51,705.72 SQ. FT.

GREEN AREA = 51,705.72 SQ. FT.



**POST HARD & GREEN SPACE**

EXISTING AREA = 1.187 ACRES = 51,705.72 SQ. FT.

BUILDING AREA = 6,526 SQ. FT.

CONCRETE PAVING AREA = 22,885 SQ. FT.

GREEN AREA = 22,244.72 SQ. FT.

NO ADVERSE IMPACT TO ADJACENT PROPERTIES

AREA RESULTS IN A NEGLIGIBLE CHANGE FROM THE EXISTING RUNOFF COEFFICIENT (C) AND RATE OF RUNOFF AND DRAINAGE PATTERNS ARE TO REMAIN THE SAME.

**PRE & POST WATER FLOW**

↑ PRE DEVELOPMENT DRAINAGE FLOW

↑ POST DEVELOPMENT DRAINAGE FLOW

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| # | DESCRIPTION | REVISIONS | DATE |
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**NEW FIRE STATION #10**  
**ST. TAMMANY FIRE PROTECTION**  
**DISTRICT NO. 1**

2745 LAKESHORE VISTA BLVD  
SLIDELL, LA 70461

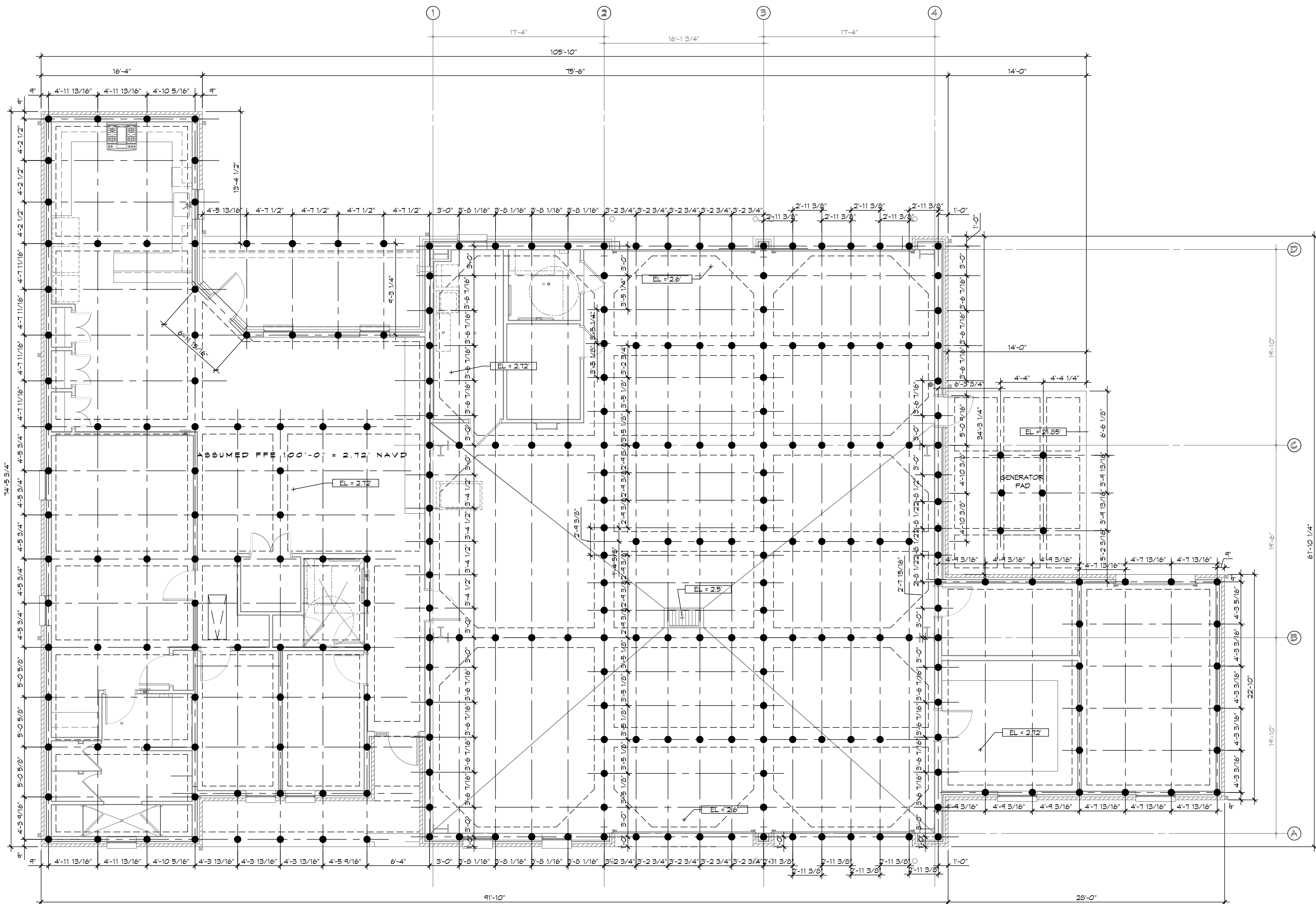
JOB No: 2516 DATE: 12-05-2025  
DRAWN BY: CKD CHECKED BY: BAW

SHEET TITLE:  
PRE AND POST  
DEVELOPMENT

DRAWING NUMBER:

**C106**

SHEET No: 10 of 37



# PILING NOTES

1. PILES ARE TO BE 30 FT. IN LENGTH WITH A 6 INCH TIP AND 8" BUTT. DRIVEN TO REFUSAL.
2. ALL PILES SHALL BE PRESSURE-TREATED ROUND TIMBER PILES CONFORMING TO ASTM D25.
3. DESIGN LOAD = 8 TONS PER PILE.
4. NO FIELD SUPERVISION OR INSPECTION PROVIDED UNDER THIS SEAL UNLESS OTHERWISE NOTED.
5. PILE LAYOUT MAY BE MODIFIED DUE TO ACTUAL DRIVING CONDITIONS. ENGINEER TO BE NOTIFIED ON ANY MODIFICATION.
6. A PILE BLOW COUNT LOG OF ALL PILES IS TO BE SUBMITTED TO THE ENGINEER OF RECORD. FAILURE TO SUBMIT SAID LOG WILL RELEASE THE ENGINEER OF ALL RESPONSIBILITY.
7. CONTRACTOR IS RESPONSIBLE FOR THE COMPARISON & VERIFICATION OF PILE LAYOUT DIMENSIONS WITH MOST RECENT ARCHITECTURAL DRAWINGS, ASSURING THAT PILES DO FALL WITHIN LIMITS OF THE DESIGN.
8. USE DROP HAMMER OR SINGLE ACTING AIR HAMMER DELIVERING 1,500 FT.-LBS OF ENERGY PER BLOW, RAM HEIGHT OF DROP HAMMER SHALL NOT EXCEED 2,500 TO 3,000 LBS AND THE DROP SHOULD NOT EXCEED 3 FT. MINIMUM DROP HEIGHT. IF THE DROP EXCEEDS 3 FT., CONTACT ENGINEER FOR INSTRUCTIONS.
10. FIELD VERIFY DIMENSIONS AGAINST THE ARCHITECTURAL DRAWINGS

## PILING COUNT

265 PILING COUNT

[illegible]

SEAL



NEW FIRE STATION #10  
ST. TAMMANY FIRE PROTECTION  
DISTRICT No. 1

CTHE | AKESHOPE VISTA BLVD

|           |      |             |            |
|-----------|------|-------------|------------|
| JOB No:   | 2519 | DATE:       | 12-03-2025 |
| DRAWN BY: | CKD  | CHECKED BY: | BAW        |

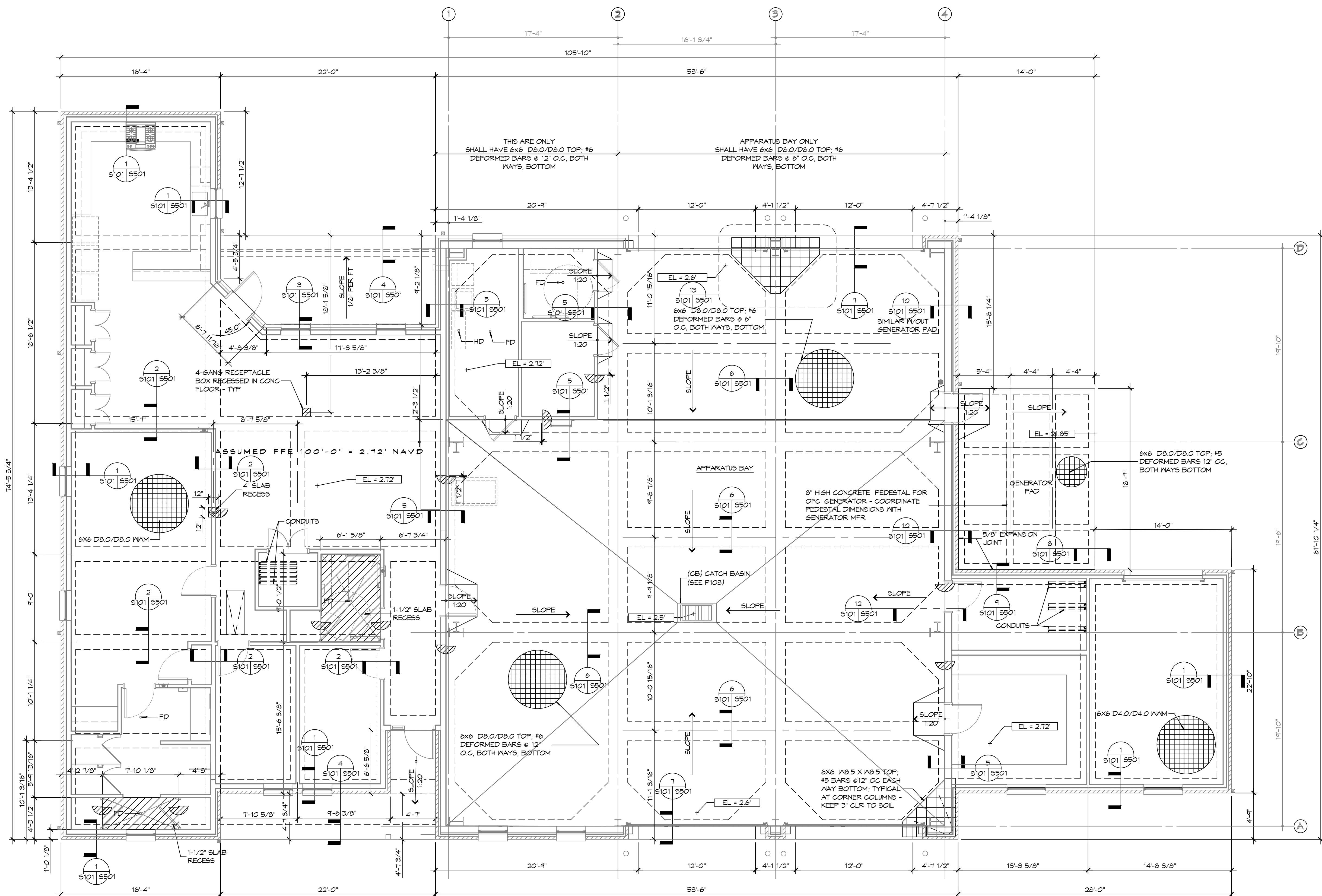
SHEET TITLE:  
PILING GENERAL  
ARRAIGNMENT

DRAWING NUMBER

# PGA

SHEET No:

11 of 3



1  
S101S101  
SCALE: 3/16" = 1'-0"

## GENERAL FOUNDATION NOTES

1. THE CONCRETE FINISHER SHALL ENSURE THAT THE AREAS TO RECEIVE A POLISHED CONCRETE FINISH SHALL MEET THE FLOOR FLATNESS/LEVELNESS CRITERIA IN ACCORDANCE WITH SPECIFICATIONS.
2. ALL DIMENSIONS ARE EDGE OF CONCRETE (EOC) TO EDGE OF CONCRETE (EOC) UNLESS NOTED OTHERWISE.
3. VERIFY ALL PLUMBING ROUGH-IN LOCATIONS ON SHEET P101 & ELECTRICAL ROUGH-IN LOCATIONS ON SHEET E101.
4. CONCRETE MIX SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS. CONCRETE MIX SHALL BE IN ACCORDANCE WITH ACI-310.
5. ALL GRADE CONVENTIONAL REINFORCING STEEL SHALL MEET ASTM-A615 (GRADE 60).
6. ONE LAYER OF POLYETHYLENE VAPOR BARRIER SHALL BE PLACED UNDER ALL CONCRETE. VAPOR RETARDER TO BE MINIMUM 15 MIL THICKNESS. ASTM E 1745 CLASS A, PERMEANCE LESS THAN 0.01 PERMS, EQUAL TO STEGO INDUSTRIES STEGO VAPOR, ECOSHIELD-E 15 MIL BY EPIC OR IRONBAR 15 BY FLATIRON FILMS. PROVIDE APPROPRIATE ACCESSORIES FOR A COMPLETE SYSTEM.
8. ALL REINFORCING STEEL AND MESH SHALL BE SECURELY SUPPORTED TO PREVENT BOTH VERTICAL AND HORIZONTAL MOVEMENT DURING CONCRETE PLACEMENT.
9. THE CONTRACTOR SHALL VERIFY ALL DROPS, OFFSETS, BRICK LEDGES, DIMENSIONS AND CONFIGURATIONS. CONTRACTOR MUST BE RESPONSIBLE FOR SAME.
9. GRADE BEAM DIMENSIONS MAY VARY BY -5%, +20%.
10. NEAR SPREAD CONCRETE FOOTINGS AND CONTINUOUS FOOTINGS, BEARING ON COMPACTED STRUCTURAL FILL AT LEAST 2 FEET BELOW FINISHED GRADE, SHOULD BE DESIGNED FOR MINIMUM NET ALLOWABLE BEARING PRESSURES OF 1200 PSF AND 2000 PSF, RESPECTIVELY, BASED ON DEAD LOADS AND DESIGN LIVE LOADS.
11. ALL SOIL BELOW SLAB SHALL RECEIVE TERMITE TREATMENT IN ACCORDANCE WITH SPECIFICATIONS.
12. ALL UTILITY LINES IN THE BUILDING AREA SHOULD BE HUNG FROM THE SLAB. FLEXIBLE CONNECTIONS MUST BE PROVIDED TO ACCOMMODATE 1/2 INCHES OF FLEXIBILITY. WHERE THE LINES EXTEND FROM PILE SUPPORTED TO NON-PILE SUPPORTED AREAS, HANGERS AND CONNECTIONS USED SHOULD BE MADE OF STAINLESS STEEL, MEETING THE APPLICABLE BUILDING CODE.

# GENERAL SITE PREP NOTES

1. 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 UNDERGUT AND REPLACED WITH COMPACTED STRUCTURAL FILL.
2. 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.
3. ALL RUNOFF WATER MUST BE CARRIED AWAY FROM THE SLAB TO PREVENT SATURATION OF THE SUB-BASE.
4. ALL TREES WITHIN CLOSE PROXIMITY SHALL BE REMOVED TO PREVENT TREE ROOTS FROM EXTENDING UNDER THE SLAB.
5. PROVIDE AND MAINTAIN IMMEDIATE SITE DRAINAGE BEFORE, DURING, AND AFTER CONSTRUCTION. PROVIDE GRADING, 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 FOUNDATIONS AND FOOTINGS. PROVIDE GRADING, SWELLS, AND 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.

# FOUNDATION STATISTICS

FOUNDATION AREA:

|                      |             |
|----------------------|-------------|
| BUILDING FOOTPRINT - | 6,526 SF    |
| GENERATOR PAD        | 365 SQ. FT. |

DAMMON  
ENGINEERING, INC.

Chief Engineer: Brian Mistich, PE  
554 Old Spanish Trail  
Stidell, IA 70458  
www.dammonengineering.com  
info@dammonengineering.com  
PH: 985.649.5832

[illegible]

**NEW FIRE STATION #10  
ST. TAMMANY FIRE PROTECTION  
DISTRICT No. 1**

2745 LAKESHORE VISTA BLVD

SLIDELL, LA 70461

|           |      |             |          |
|-----------|------|-------------|----------|
| JOB No:   | 2519 | DATE:       | 12-03-20 |
| DRAWN BY: | CKD  | CHECKED BY: | B.       |

SHEET TITLE:  
FOUNDATION PLAN,  
DETAILS AND NOTES

DRAWING NUMBER

S101

THE CONSTRUCTION FOR SAID RESIDENCE, WHERE BASIC WIND SPEED IS 140 MILES PER HOUR, WIND EXPOSURE ZONE C, IS DESIGNED IN ACCORDANCE WITH: AMERICAN FOREST AND PAPER ASSOCIATION (AF&PA) WOOD FRAME CONSTRUCTION MANUAL FOR ONE AND TWO FAMILY DWELLINGS (NFCM) 2001 EDITION AS WELL AS THE INTERNATIONAL RESIDENTIAL CODE (IRC) 2021 EDITION

THE CONSTRUCTION FOR SAID RESIDENCE, WHERE BASIC WIND SPEED IS 140 MILES PER HOUR, WIND EXPOSURE ZONE C, IS DESIGNED IN ACCORDANCE WITH: AMERICAN FOREST AND PAPER ASSOCIATION (AF&PA) WOOD FRAME CONSTRUCTION MANUAL FOR ONE AND TWO FAMILY DWELLINGS (NFCM) 2001 EDITION AS WELL AS THE INTERNATIONAL RESIDENTIAL CODE (IRC) 2021 EDITION

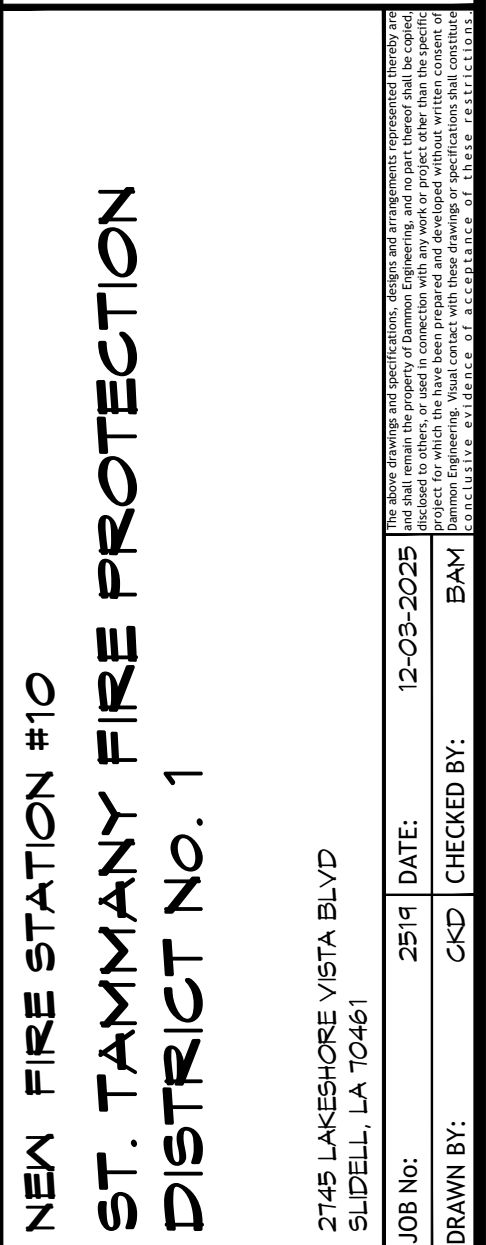
1. REFER TO SHEET S601 FOR TYPICAL CONNECTION DETAILS AND SCHEDULES.
2. PROVIDE CEILING FRAMING AT ALL GYPSUM BOARD CEILINGS AND SOFFITS SHOWN.
3. ALL CEILING JOISTS SHALL BE SPACED AT 16 INCHES OC UNLESS NOTED OTHERWISE.
4. PROVIDE DOUBLE JOISTS AT SIDES OF FRAMED OPENINGS AND AT CHANGES IN FRAMING DIRECTION UNLESS MORE STRINGENT FRAMING IS SHOWN.
5. CONTRACTOR SHALL COORDINATE JOIST LAYOUT WITH LIGHTS, VENTS, ACCESS OPENINGS, AND OTHER CEILING PENETRATIONS AS REQUIRED.
6. PROVIDE FRAMED OPENING WHERE NECESSARY TO ACCOMMODATE RECESSED LIGHT FIXTURES. WHERE CONFLICT OCCURS, RECESSED LIGHT LOCATION GOVERNS.
7. PROVIDE DOUBLE JOISTS AT EACH SIDE OF JOISTS THAT ARE CUT. DO NOT CUT MORE THAN TWO ADJACENT JOISTS.
8. REFER TO TABLES S1021 AND S1022 FOR HEADER SCHEDULE. ALL HEADERS MUST COMPLY WITH SAID SCHEDULE UNLESS NOTED OTHERWISE.
9. PROVIDE 5/8" DECKING FOR A/C UNITS AND WATER HEATER. REFER TO MECHANICAL PLAN M101 FOR REFERENCE.
10. SEE REFLECTED CEILING PLAN A102 FOR ACCESS PANEL SIZE & LOCATION. COORDINATE EXACT LOCATION /VEQUIPMENT LAYOUT. COORDINATE ROUGH OPENING DIMENSIONS WITH ACCESS PANEL MANUFACTURER.
11. REFER TO DOOR AND WINDOW SCHEDULES FOR OPENING DIMENSIONS.
12. PROVIDE LOOKOUTS OF EQUAL SIZE OF ADJACENT CEILING JOISTS WHERE CEILING JOISTS ARE NOT PARALLEL TO ROOF RAFTERS.
13. ALL CEILING JOISTS SHALL BE CONNECTED TO ROOF RAFTERS AT ALL ROOF/CEILING FRAMING JUNCTIONS.
14. DO NOT PLACE PLYWOOD DECKING ABOVE IT CLOSET 105 OR WALLS ENCLOSING IT TO ACCOMMODATE CONDUITS AND SWEEPS. COORDINATE WITH RELEVANT TRADES CLEARANCE REQUIREMENTS.
15. ADJUST FRAMED OPENING AS NECESSARY TO ACCOMMODATE CLEARANCE NEEDED FOR TELESCOPING ATTIC STAIR.

| HEADER SUPPORTING                   | SIZE     | BUILDING WIDTH (FT) |        |        |
|-------------------------------------|----------|---------------------|--------|--------|
|                                     |          | 12                  | 24     | 36     |
|                                     |          | SPAN (FT - IN)      |        |        |
| ONE FLOOR<br>(CENTER BEARING)       | (2) 2x4  | 4'-0"               | 2'-10" | 2'-4"  |
|                                     | (2) 2x6  | 5'-11"              | 4'-3"  | 3'-5"  |
|                                     | (2) 2x8  | 7'-1"               | 5'-2"  | 4'-4"  |
|                                     | (2) 2x10 | 7'-11"              | 6'-0"  | 5'-0"  |
|                                     | (2) 2x12 | 8'-6"               | 6'-7"  | 5'-7"  |
|                                     | (3) 2x8  | 8'-5"               | 6'-4"  | 5'-3"  |
|                                     | (3) 2x10 | 9'-3"               | 7'-1"  | 6'-0"  |
|                                     | (3) 2x12 | 9'-11"              | 7'-8"  | 6'-7"  |
|                                     | (4) 2x8  | 9'-5"               | 7'-2"  | 6'-0"  |
|                                     | (4) 2x10 | 10'-3"              | 7'-11" | 6'-9"  |
| TWO FLOORS ONLY<br>(CENTER BEARING) | (4) 2x12 | 11'-0"              | 8'-7"  | 7'-4"  |
|                                     | (2) 2x4  | 2'-7"               | 1'-11" | 1'-7"  |
|                                     | (2) 2x6  | 3'-10"              | 2'-10" | 2'-5"  |
|                                     | (2) 2x8  | 4'-9"               | 3'-7"  | 3'-0"  |
|                                     | (2) 2x10 | 5'-6"               | 4'-2"  | 3'-6"  |
|                                     | (2) 2x12 | 6'-1"               | 4'-9"  | 4'-1"  |
|                                     | (3) 2x8  | 5'-10"              | 4'-5"  | 3'-9"  |
|                                     | (3) 2x10 | 6'-7"               | 5'-1"  | 4'-4"  |
|                                     | (3) 2x12 | 7'-2"               | 5'-8"  | 4'-11" |
|                                     | (4) 2x8  | 6'-7"               | 5'-1"  | 4'-3"  |
| TWO FLOORS ONLY<br>(END BEARING)    | (4) 2x10 | 7'-5"               | 5'-9"  | 4'-11" |
|                                     | (4) 2x12 | 8'-0"               | 6'-4"  | 5'-6"  |

**TABLE S102.2 - HEADER SPANS -  
EXPOSURE "C" FOR EXTERIOR  
LOADBEARING WALLS  
WFCM 2001 Table 3.23a**

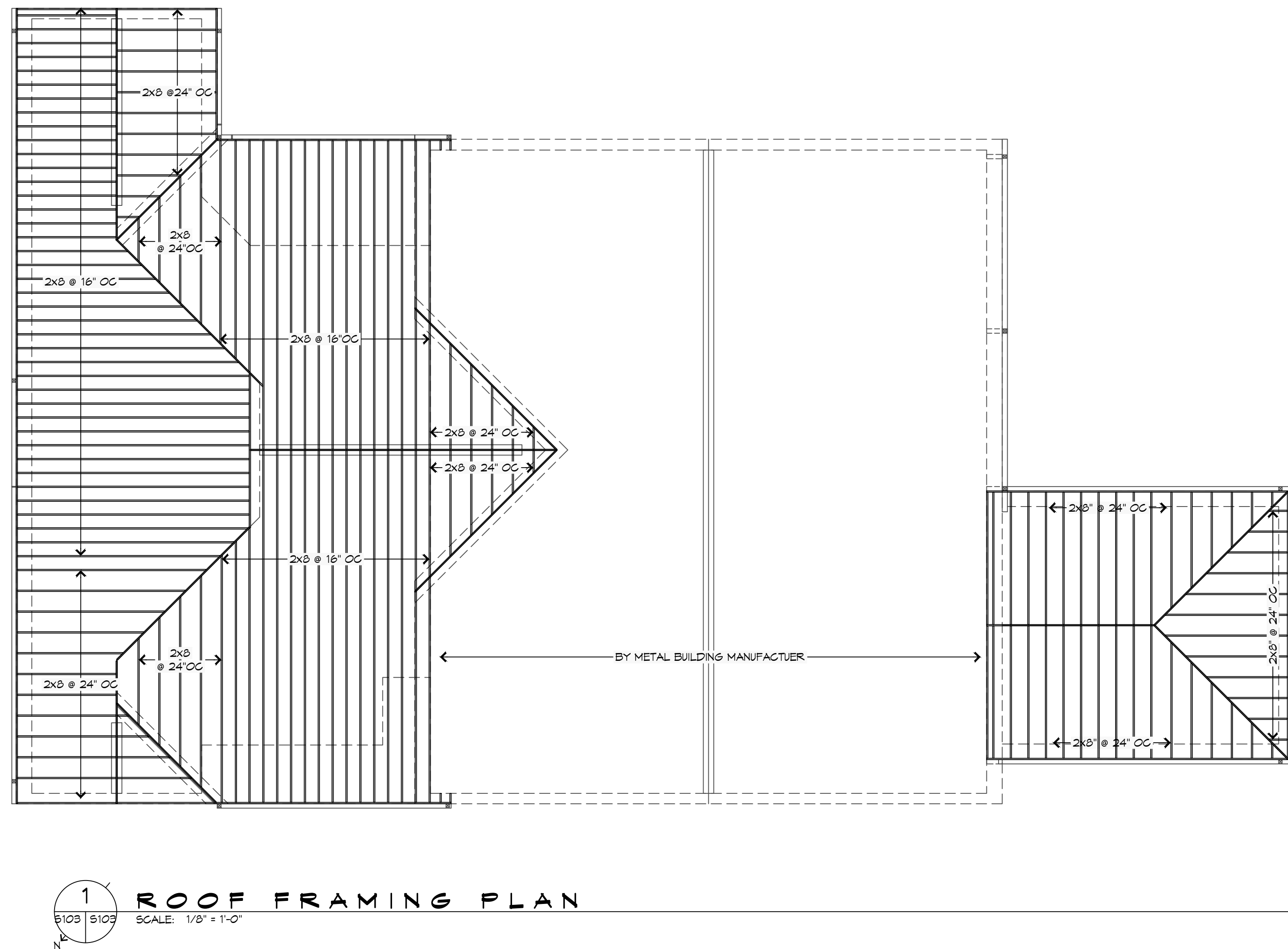
140 MPH WIND - EXPOSURE "C" (TYPICAL) EACH W/1/2" PLYWOOD SPACER BETWEEN

SHEET No: 13 of 37

[illegible]

DRAWING NUMBER:

# S102



## GENERAL ROOF FRAMING NOTES

1. REFER TO EXTERIOR ELEVATIONS AND ROOF PLAN FOR INDICATED ROOF PITCH.
2. ALL RAFTERS SHALL BE SPACED AT 24 INCHES OC UNLESS NOTED OTHERWISE.
3. PROVIDE BLOCKING FOR SUPPORT OF ALL ROOF PENETRATIONS.
4. PROVIDE MINIMUM 2x6 HORIZONTAL COLLAR BRACING AT 1/3 POINT OF ATTIC SPACED AT FOUR FEET ON CENTER MAXIMUM.
5. ALL RAFTER ENDS SHALL BE CUT TO TO FIT FLUSH AGAINST RIDGE BOARD/BEAM TO PROVIDE A SOLID BEARING POINT.
6. ALL STRUTS AND PURLINS TO PROVIDE BRACING FOR RAFTERS SHALL NOT BE LESS THAN 45 DEGREES MEASURED FROM THE HORIZONTAL AND SHALL NOT EXCEED 8 FEET IN HEIGHT. ALL BRACING SHALL BE SUPPORTED ON A BEARING WALL.
7. WHERE A CONTINUOUS PURLIN IS PROVIDED IT SHALL NOT BE LESS THAN THE SIZE OF THE RAFTER IT IS SUPPORTING.
8. WHERE RAFTERS EXCEED 2x6 AT BUILDING PERIMETER PROVIDE 2x6 RAFTER TAILS TO MATCH ROOF OVERHANG DETAILS SHOWN ELSEWHERE IN THIS SET.

[illegible]

**NEW FIRE STATION #10  
ST. TAMMANY FIRE PROTECTION  
DISTRICT No. 1**

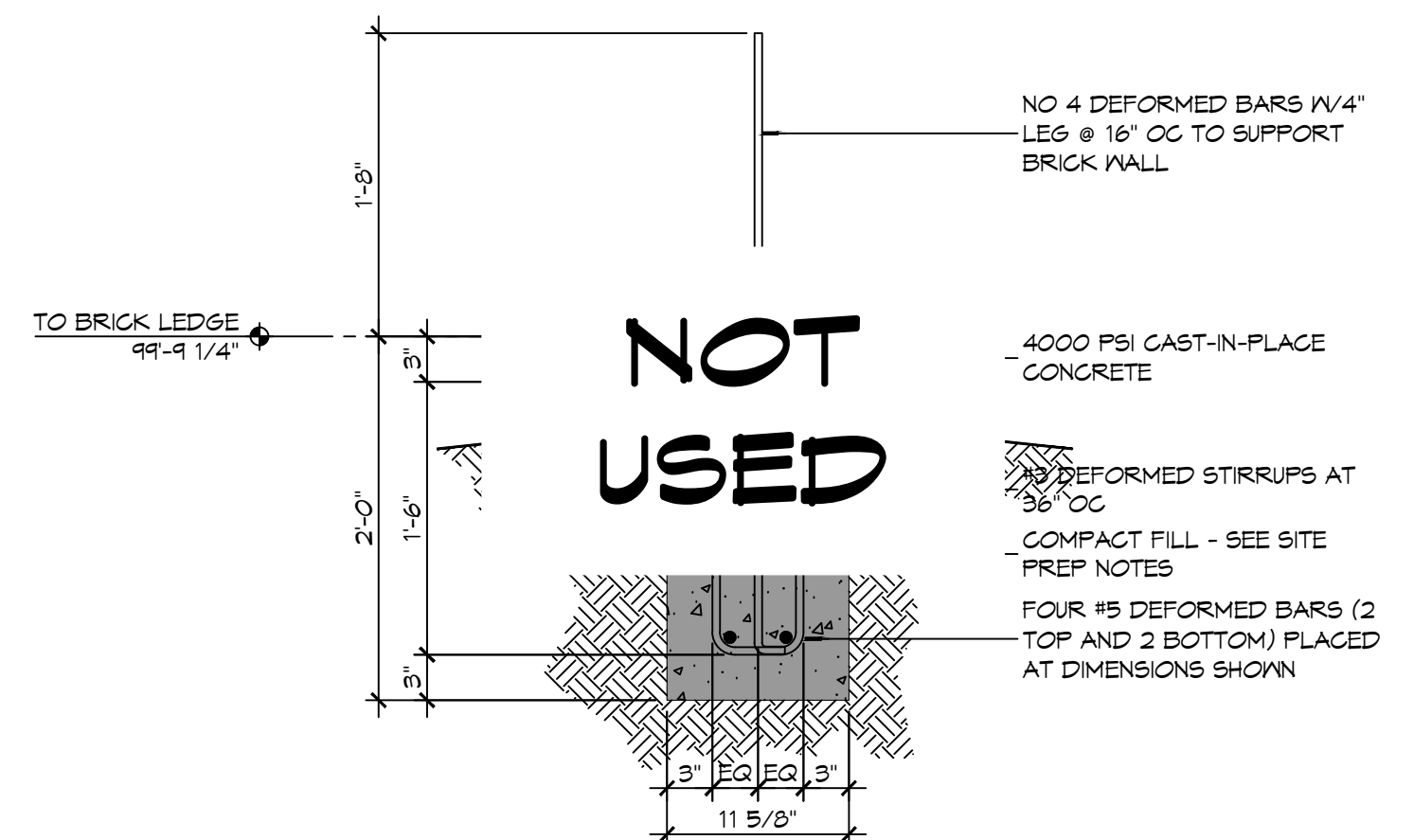
2745 LAKESHORE VISTA BLVD

|                   |            |
|-------------------|------------|
| SLIDELL, LA 70461 |            |
| JOB No:           | 2519       |
| DATE:             | 12-03-2025 |
| DRAWN BY:         | CKD        |
| CHECKED BY:       | BAM        |

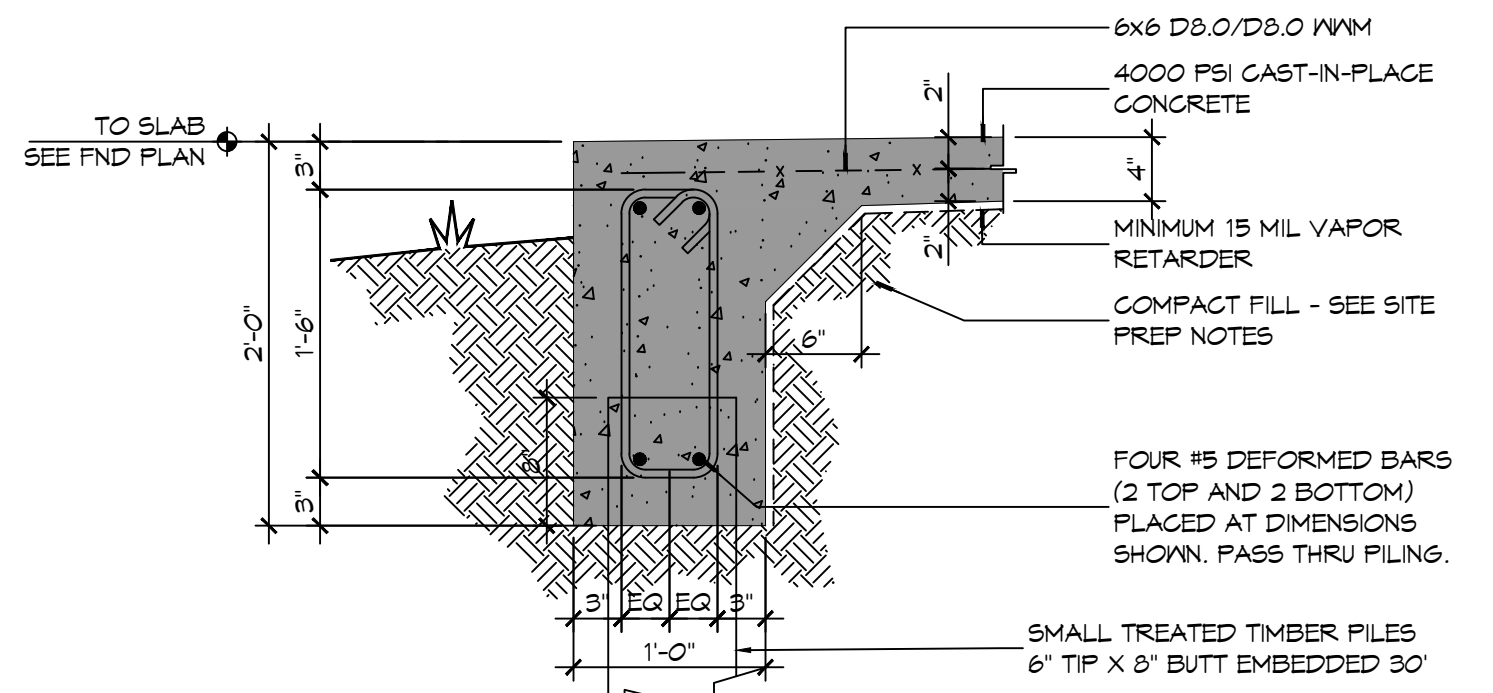
SHEET TITLE:  
ROOF FRAMING AND  
DETAILS

DRAWING NUMBER:

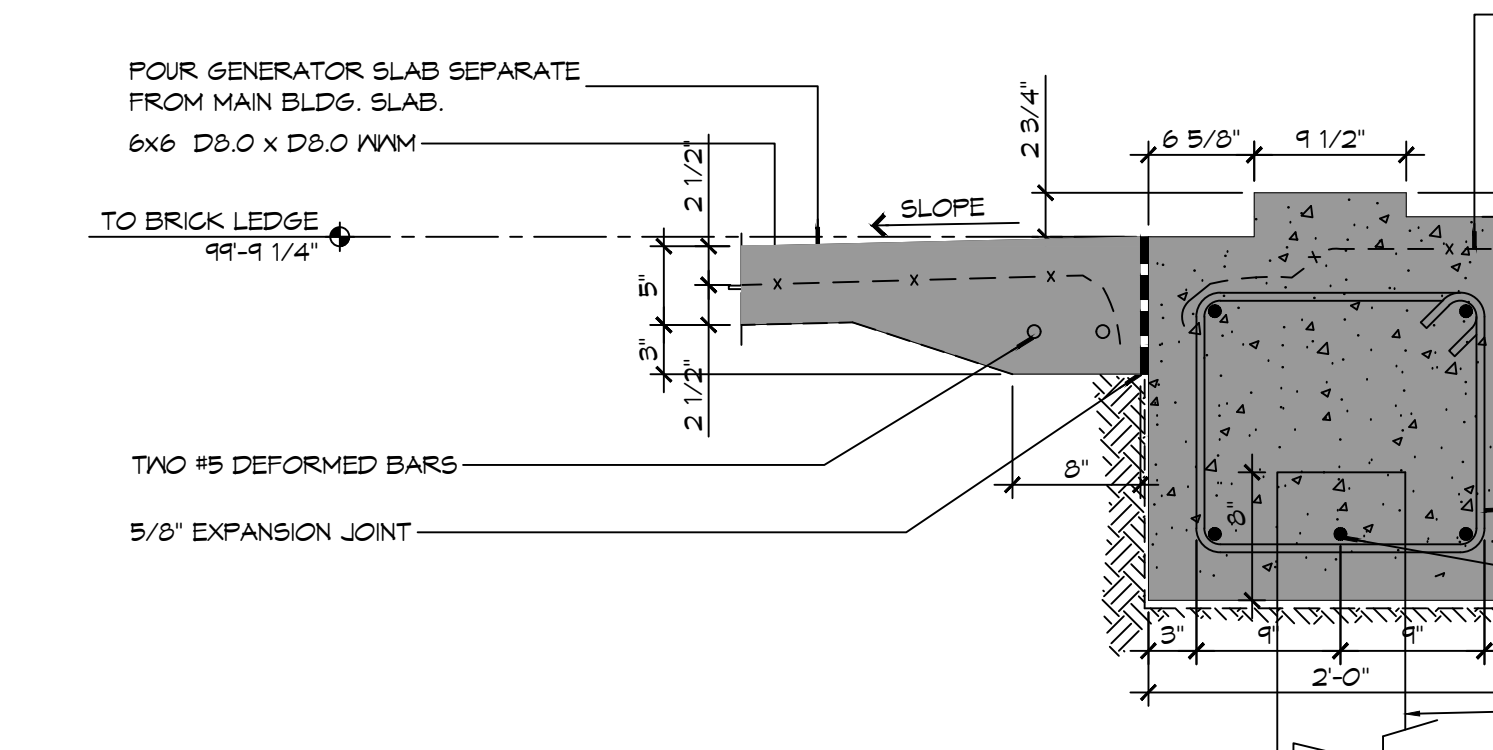
**S103**



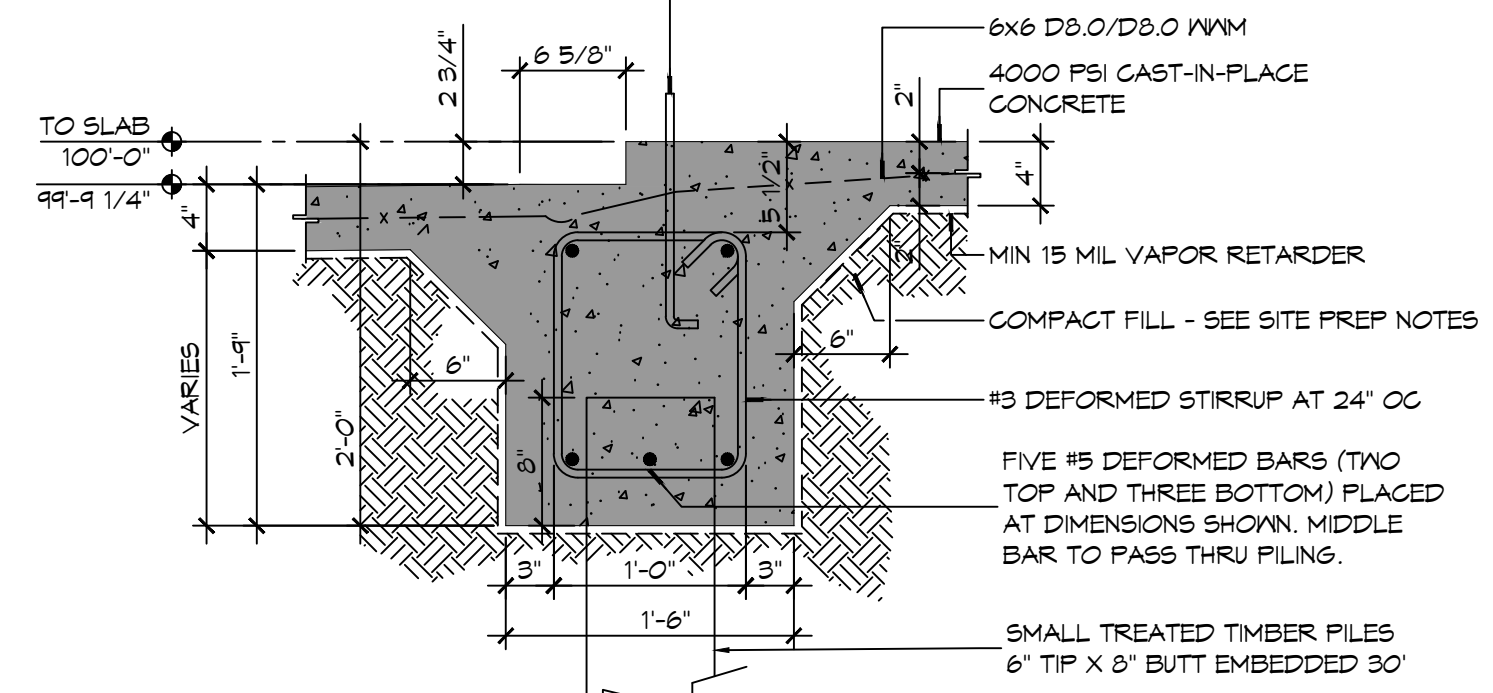
SCAF:  $1'' = 1'-0''$



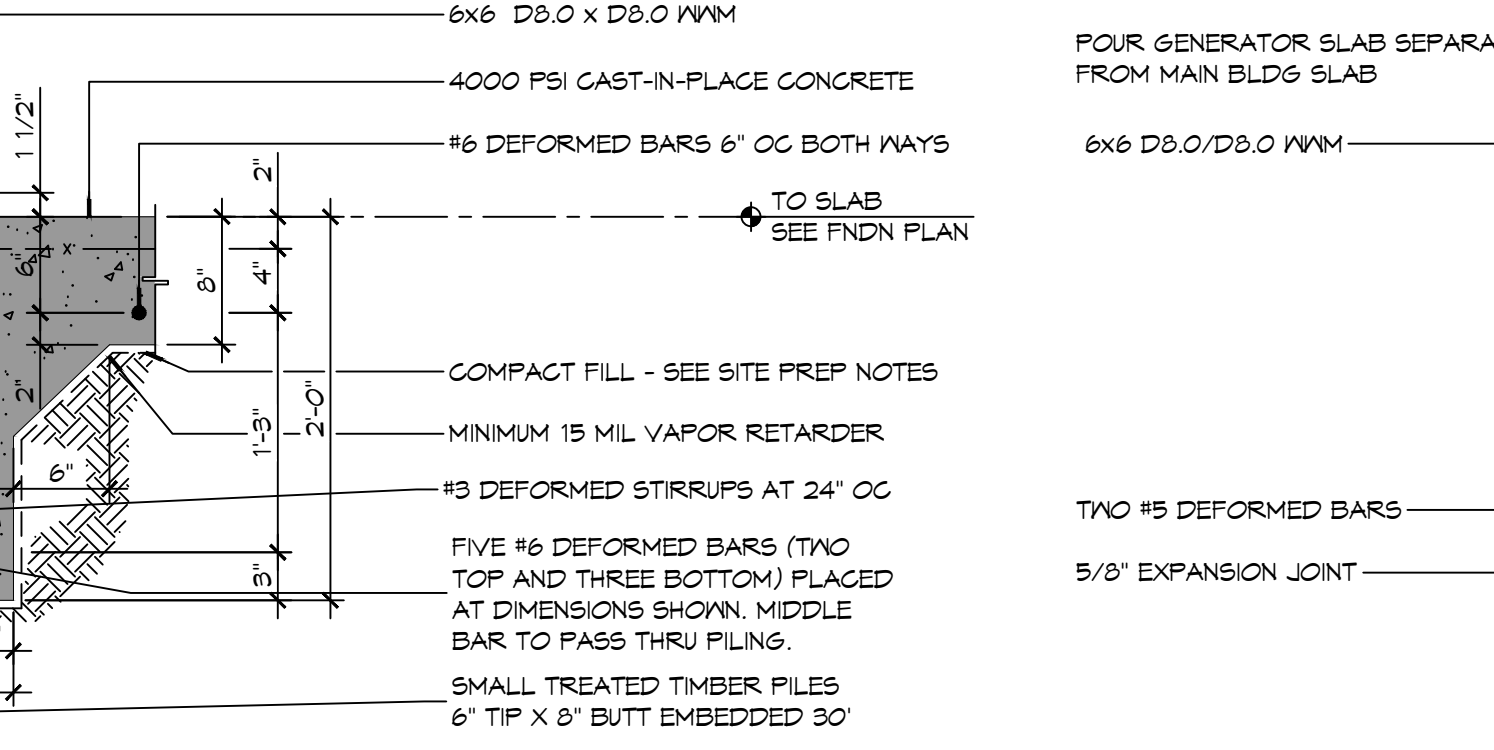
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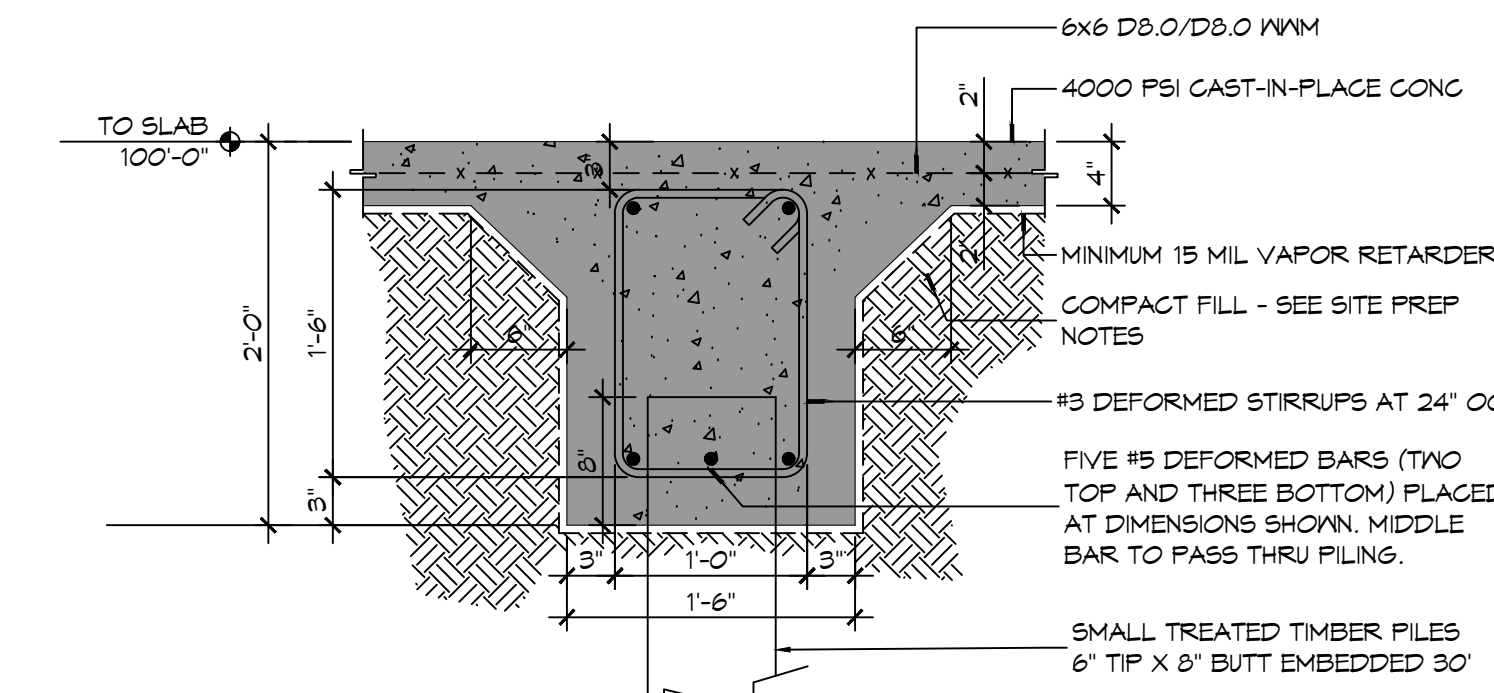
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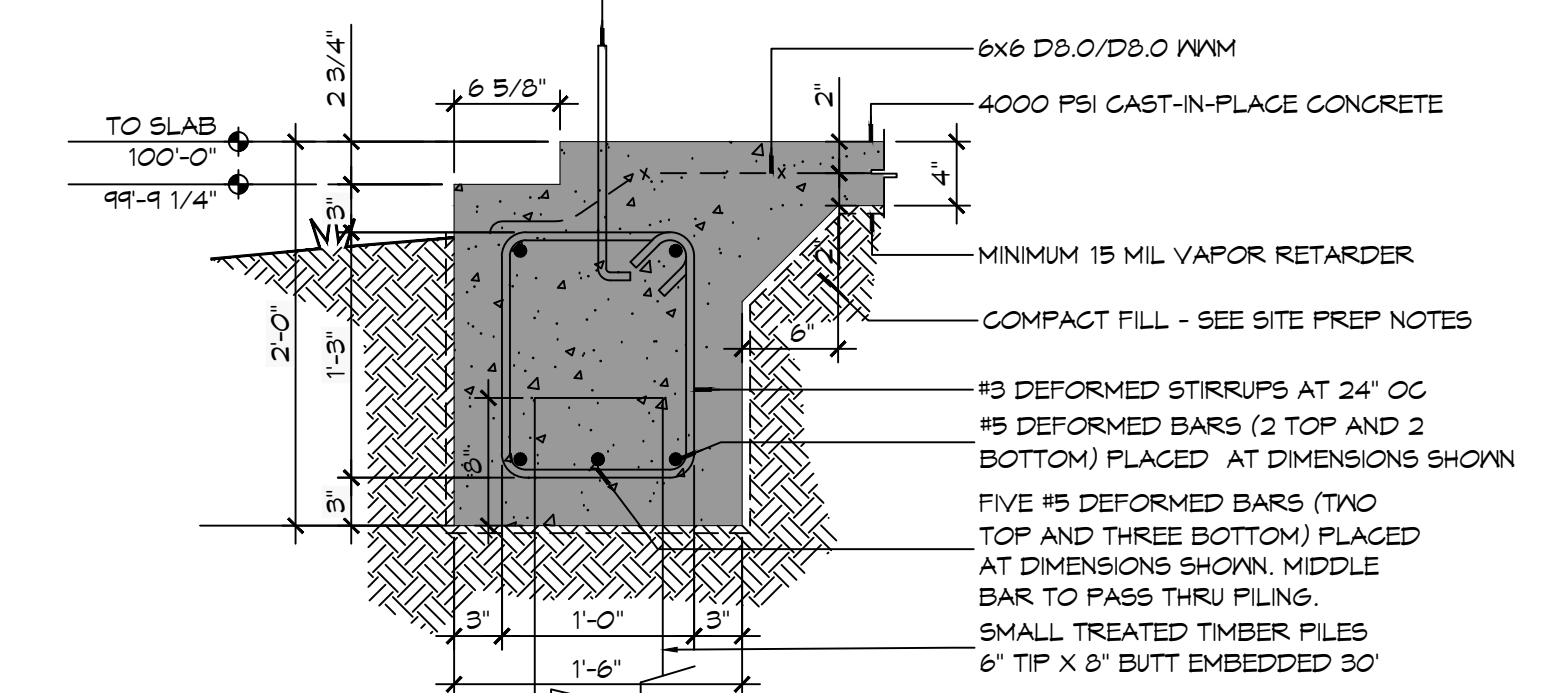
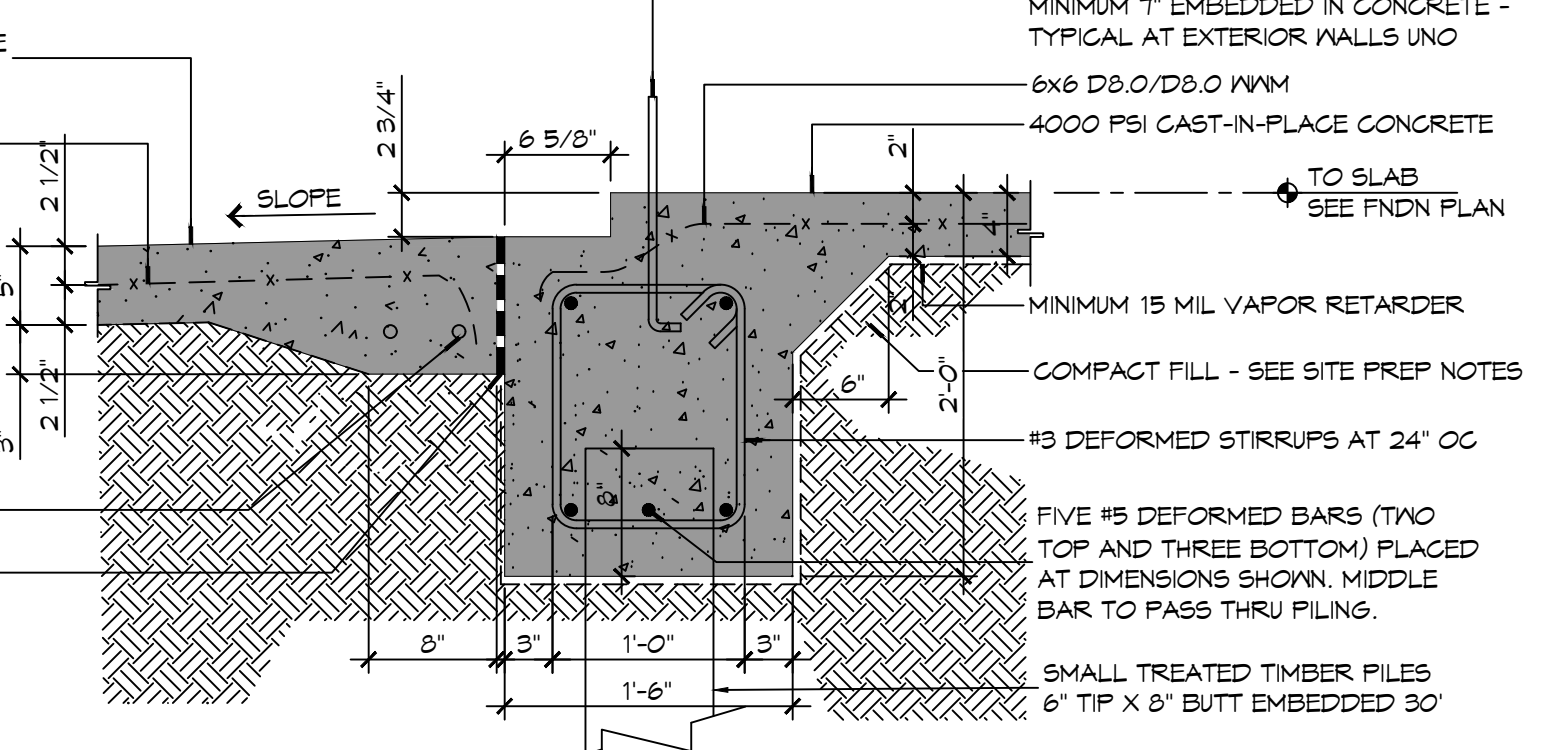
55015101 SCALE: 1" = 1' 0"



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55015101 SCALE: 1" = 1'



55015101 SCALE: 1" = 1'

1. CONCRETE REINFORCING STEEL SHALL CONFORM TO THE REQUIREMENTS OF ASTM A605, GRADE 60. REINFORCING TO BE WELDED SHALL CONFORM TO THE REQUIREMENTS OF ASTM A706, GRADE 60, UNLESS NOTED OTHERWISE.
2. FABRICATION OF REINFORCING STEEL SHALL BE IN ACCORDANCE WITH THE DETAILS OF AC308-99, "DETAILING OF CONCRETE REINFORCEMENT".
3. CORNER BARS SHALL BE PROVIDED AT ALL CORNERS AND INTERSECTIONS OF CONCRETE BEAMS, GRADE BEAMS, WALLS, AND STEM WALLS.
4. UNLESS NOTED OTHERWISE, CONCRETE COVER SHALL CONFORM TO THE MINIMUMS REQUIRED BY AC308-08.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE STABILITY OF THE STRUCTURE DURING CONSTRUCTION.
6. WORK NOT INDICATED AS PART OF THE DRAWINGS BUT REASONABLY IMPLIED TO BE SIMILAR TO THAT A CORRESPONDING PLACES SHALL BE REPEATED.
7. ALL EXCAVATIONS FOR FOOTINGS OR PILE CAPS SHALL BE MADE TO GRADES SHOWN. CONTRACTOR SHALL TAKE MEASURES TO PREVENT CAVE-IN OF THE FOOTING EXCAVATION. THESE MEASURES MAY INCLUDE CUTTING BACK THE SIDE SLOPES AND/OR THE USE OF SIDE FORMS.

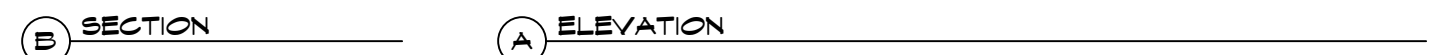
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**NEW FIRE STATION #10  
ST. TAMMANY FIRE PROTECTION  
DISTRICT NO. 1**

SHEET TITLE:  
FOUNDATION DETAILS

DRAWING NUMBER:

**S501**



|      |      |            |             |
|------|------|------------|-------------|
| 5502 | 5502 | SCALE: NTS | FLITCH BEAM |
|------|------|------------|-------------|



|          |            |                                        |
|----------|------------|----------------------------------------|
| 65026102 | SCALE: NTS | RESIDENCE DETAIL AT APPARATUS BAY WALL |
|----------|------------|----------------------------------------|



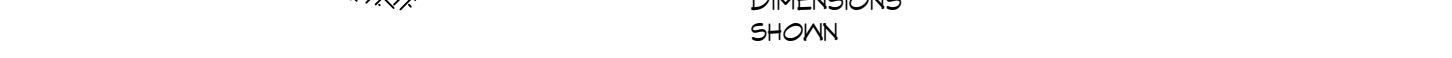
|      |      |            |            |
|------|------|------------|------------|
| 5502 | 5502 | SCALE: NTS | BRICK UNIT |
|------|------|------------|------------|



65025102 SCALE: NTS RESIDENCE DETAIL



|      |      |            |                                 |
|------|------|------------|---------------------------------|
| 6502 | 6502 | SCALE: NTS | OVERHEAD DOOR STRUCTURE DETAILS |
|------|------|------------|---------------------------------|



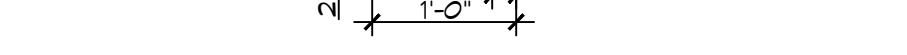
55025102 SCALE: NTS PIPE COLUMN 55025102 SCALE: 1/8" = 1'



OVERHEAD DOOR STRUCTURE SECTION



## DETAILS



6502 6502 SCALE: 3/16" = 1'-0" OVERHEAD DOOR STRUCTURE ELEVATION

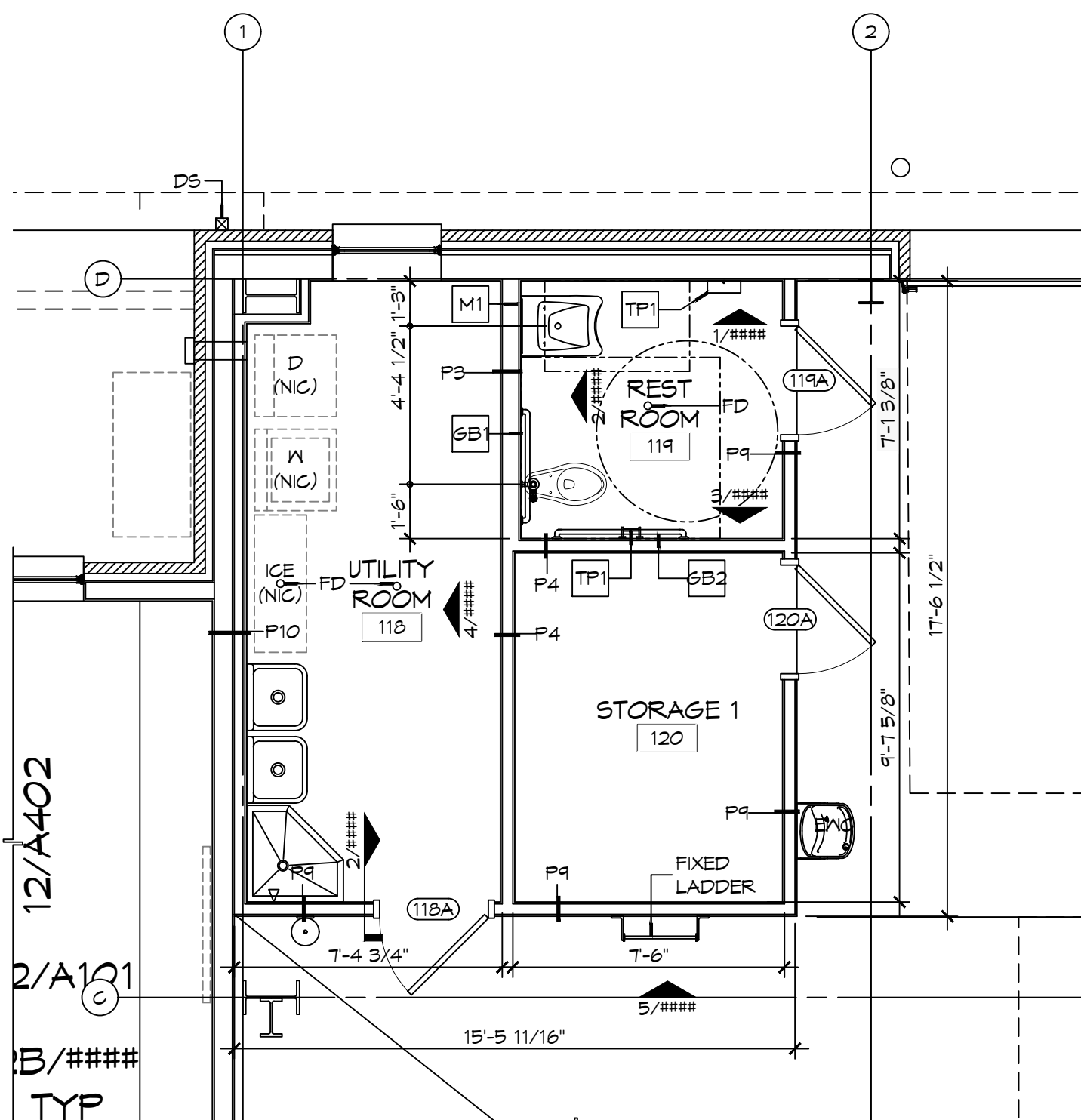
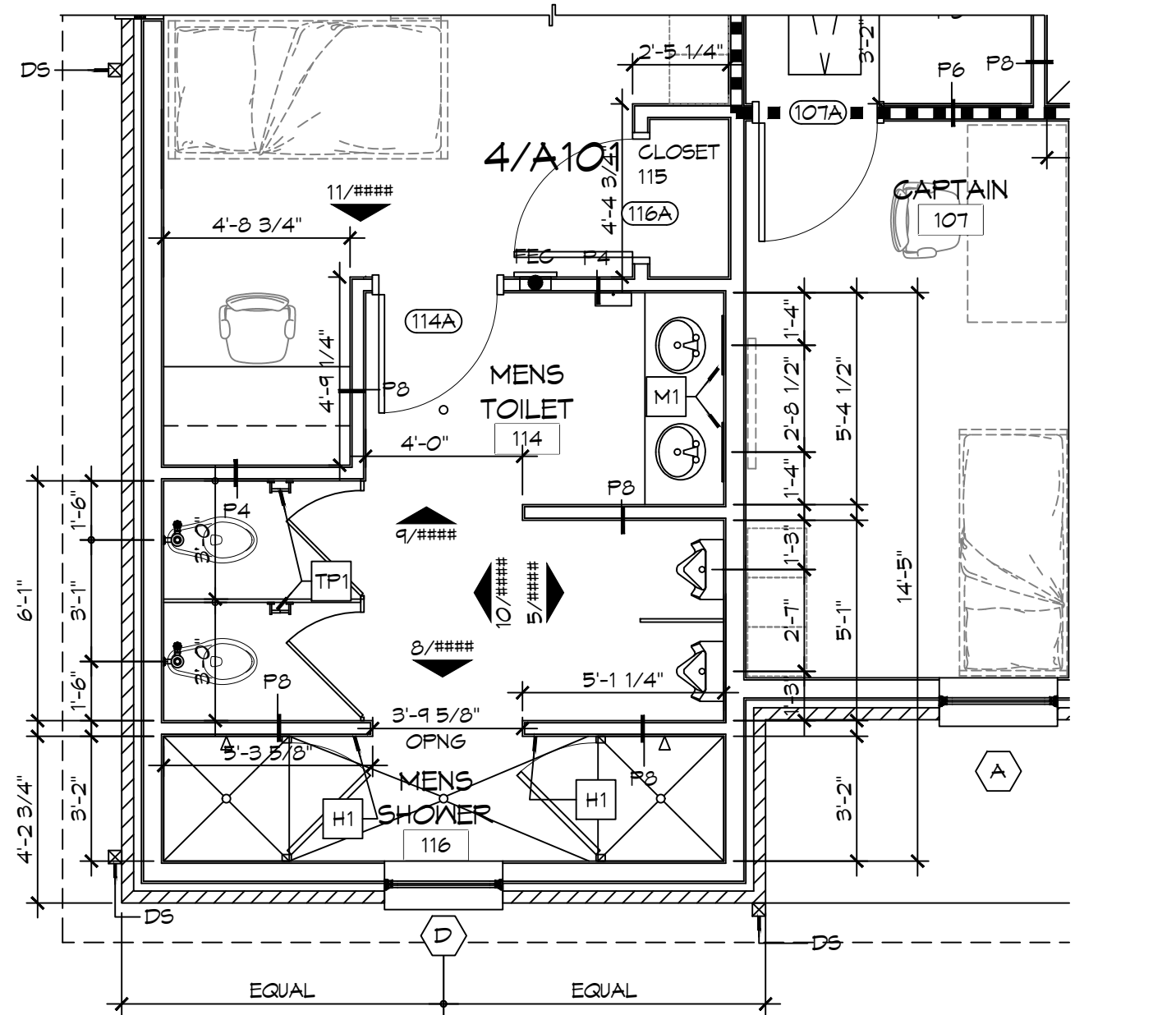
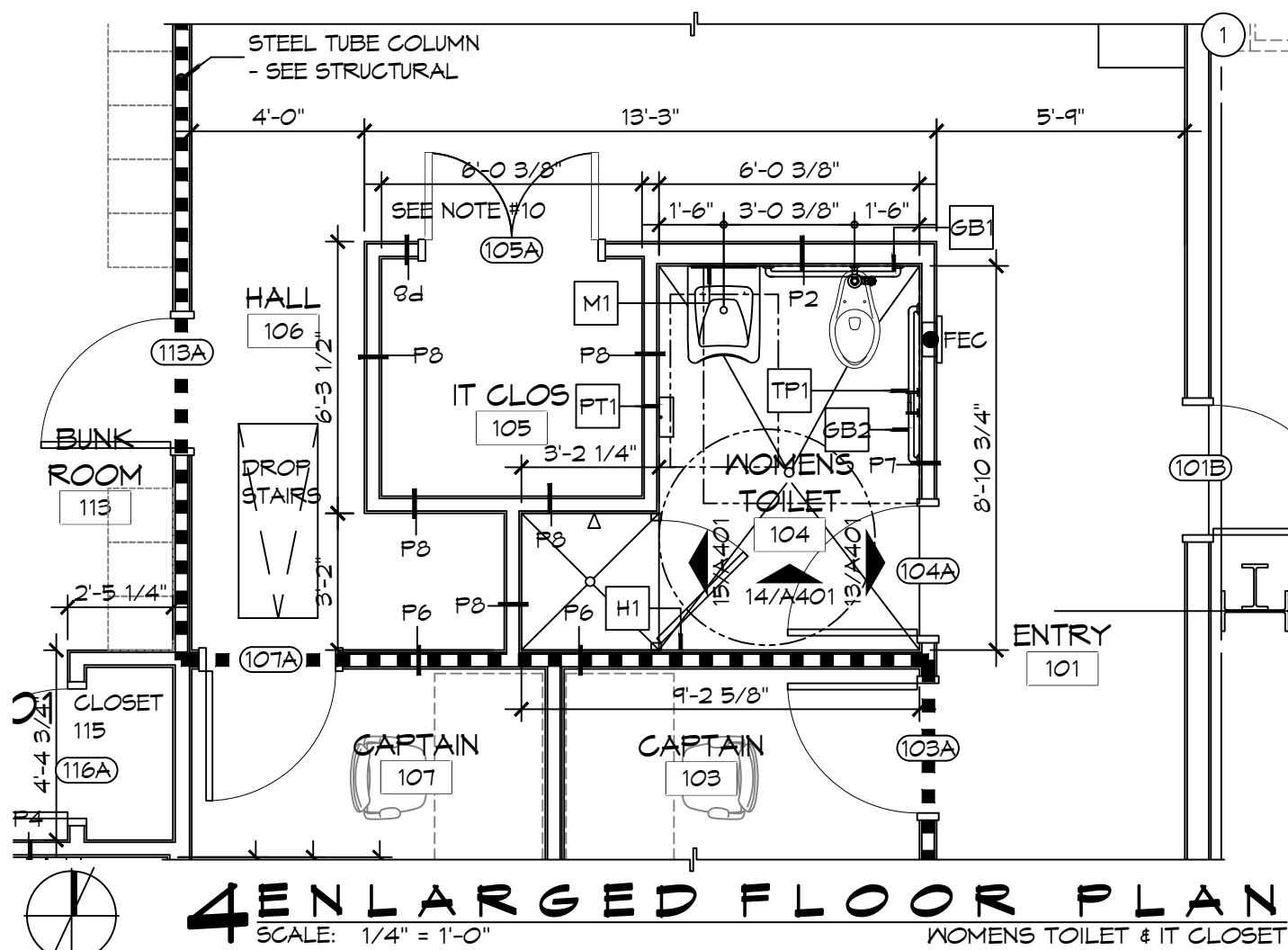
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SHEET TITLE:  
STRUCTURAL DETAILS

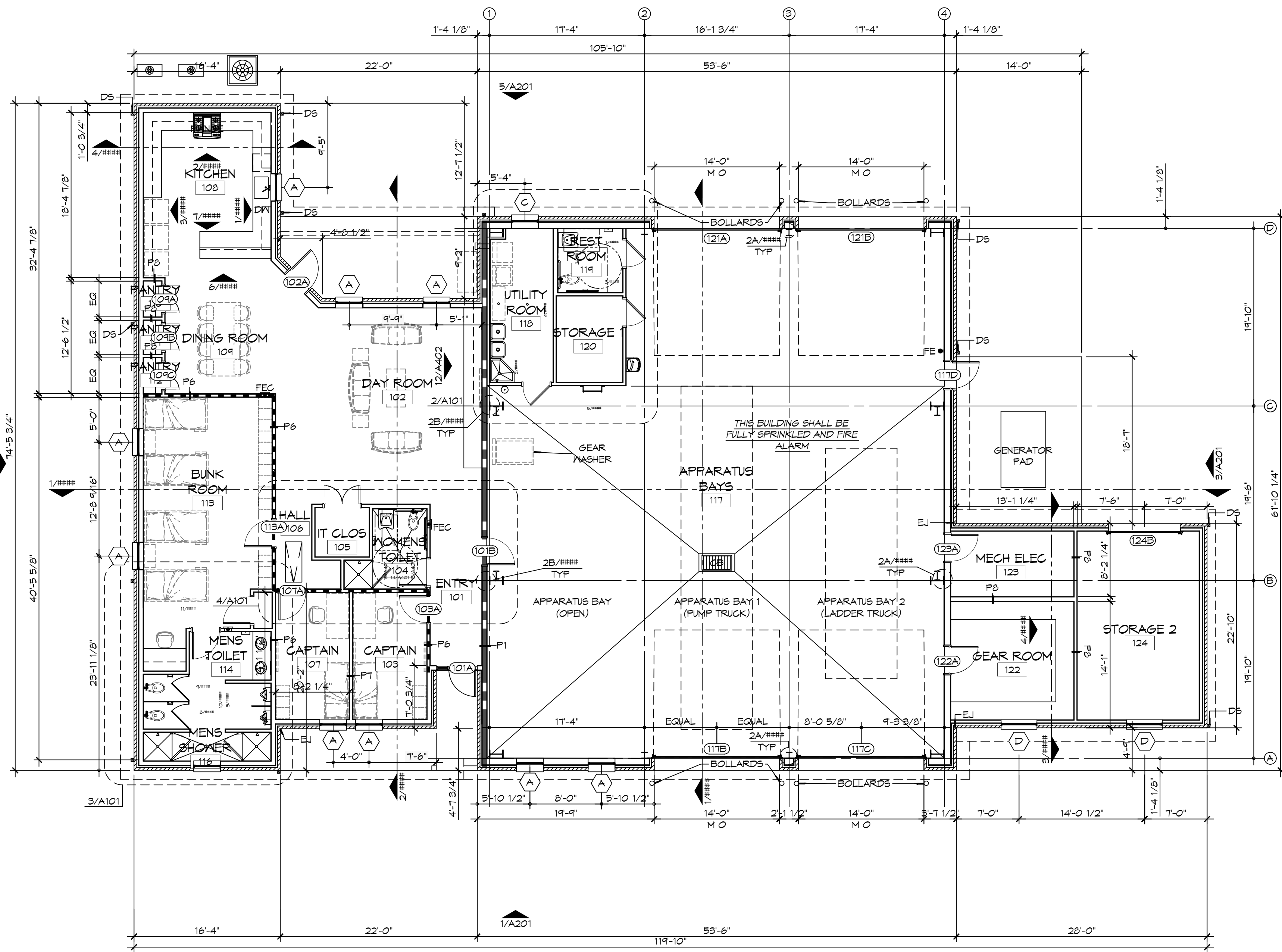
DRAWING NUMBER:

# S502





| FINISH SCHEDULE |                 |      |              |                 |                 |                 |                 |                 |                 |                                                                                  |  |
|-----------------|-----------------|------|--------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------------------------------------------------------------------------|--|
|                 | ROOM            | RM # | FLOOR        | BASE            | WALLS           |                 |                 |                 | CEILING         | NOTES                                                                            |  |
|                 |                 |      |              |                 | NORTH           | EAST            | SOUTH           | WEST            |                 |                                                                                  |  |
|                 | ENTRY           | 101  | CERAMIC TILE | 5" RUBBER       | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 36" X 6" CERAMIC TILE SD15 DALTILE, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEXTER |  |
|                 | DAY ROOM        | 102  | CERAMIC TILE | 5" RUBBER       | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 36" X 6" CERAMIC TILE SD15 DALTILE, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEXTER |  |
|                 | CAPTAIN         | 103  | CERAMIC TILE | 5" RUBBER       | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 36" X 6" CERAMIC TILE SD15 DALTILE, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEXTER |  |
|                 | WOMENS TOILET   | 104  | CERAMIC TILE | 5" RUBBER       | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     | 36" X 6" CERAMIC TILE SD15 DALTILE, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEXTER |  |
|                 | IT CLOSET       | 105  | CERAMIC TILE | 5" RUBBER       | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 36" X 6" CERAMIC TILE SD15 DALTILE, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEXTER |  |
|                 | HALL            | 106  | CERAMIC TILE | 5" RUBBER       | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 36" X 6" CERAMIC TILE SD15 DALTILE, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEXTER |  |
|                 | CAPTAIN         | 107  | CERAMIC TILE | 5" RUBBER       | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 36" X 6" CERAMIC TILE SD15 DALTILE, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEXTER |  |
|                 | KITCHEN         | 108  | CERAMIC TILE | 5" RUBBER       | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 36" X 6" CERAMIC TILE SD15 DALTILE, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEXTER |  |
|                 | DINING ROOM     | 109  | CERAMIC TILE | 5" RUBBER       | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 36" X 6" CERAMIC TILE SD15 DALTILE, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEXTER |  |
|                 | PANTRY          | 110  | CERAMIC TILE | 5" RUBBER       | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 36" X 6" CERAMIC TILE SD15 DALTILE, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEXTER |  |
| 3               | PANTRY          | 111  | CERAMIC TILE | 5" RUBBER       | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 36" X 6" CERAMIC TILE SD15 DALTILE, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEXTER |  |
|                 | PANTRY          | 112  | CERAMIC TILE | 5" RUBBER       | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 36" X 6" CERAMIC TILE SD15 DALTILE, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEXTER |  |
|                 | BUNK ROOM       | 113  | CERAMIC TILE | 5" RUBBER       | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 5/8" GNB        | 36" X 6" CERAMIC TILE SD15 DALTILE, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEXTER |  |
|                 | MENS TOILET     | 114  | CERAMIC TILE | 5" RUBBER       | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     | 36" X 6" CERAMIC TILE SD15 DALTILE, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEXTER |  |
|                 | CLOSET          | 115  | CERAMIC TILE | 5" RUBBER       | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     | 36" X 6" CERAMIC TILE SD15 DALTILE, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEXTER |  |
|                 | MENS SHOWER     | 116  | CERAMIC TILE | 5" RUBBER       | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     | 36" X 6" CERAMIC TILE SD15 DALTILE, GROUT 66 CHESTNUT, 5" RUBBER BASE 170 PEXTER |  |
|                 | APPARATUS BAYS  | 117  | EPOXY, GREY  | 6" CEMENTITIOUS | MTL LINER PANEL | MTL LINER PANEL | MTL LINER PANEL | MTL LINER PANEL | MTL LINER PANEL |                                                                                  |  |
|                 | UTILITY ROOM    | 118  | EPOXY, GREY  | 5" RUBBER       | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     | 5" RUBBER BASE 170 PEXTER                                                        |  |
|                 | RESTROOM        | 119  | EPOXY, GREY  | TILE            | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     |                                                                                  |  |
|                 | STORAGE 1       | 120  | SEALED CONC  | 5" RUBBER       | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     | 5" RUBBER BASE 170 PEXTER, CLEAR PENETRATING SEALER                              |  |
|                 | MAINTENANCE BAY | 121  | EPOXY, GREY  | 6" CEMENTITIOUS | MTL LINER PANEL | MTL LINER PANEL | MTL LINER PANEL | MTL LINER PANEL | MTL LINER PANEL |                                                                                  |  |
|                 | MECH/ELEC       | 122  | SEALED CONC  | 5" RUBBER       | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     | 5" RUBBER BASE 170 PEXTER, CLEAR PENETRATING SEALER                              |  |
|                 | GEAR ROOM       | 123  | SEALED CONC  | 5" RUBBER       | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     | 5" RUBBER BASE 170 PEXTER, CLEAR PENETRATING SEALER                              |  |
|                 | STORAGE 2       | 124  | SEALED CONC  | 5" RUBBER       | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     | 5/8" MR GNB     | 5" RUBBER BASE 170 PEXTER, CLEAR PENETRATING SEALER                              |  |



## GENERAL SHEET NOTES

2. ALL DIMENSIONS ARE FACE-OF-WALL TO FACE-OF-WALL UNLESS NOTED OTHERWISE.
2. ALL PLUMBING FIXTURES, FURNITURE, AND APPLIANCES THAT ARE SHOWN AS GRAYED AND DASHED ARE TO BE OWNER PROVIDED AND NOT IN CONTRACT (NIC) AND ARE SHOWN FOR COORDINATION PURPOSES ONLY. CONTRACTOR TO VERIFY THOSE ITEMS OWNER FURNISHED AND CONTRACTOR INSTALLED (OFCI).
3. PROVIDE FIVE MELAMINE-GOOD MOOD SHELVES IN CLOSET 115.
4. REFER TO PARTITION TYPES FOR PARTITION THICKNESS WHERE NOT SHOWN ON PLAN.
5. ALL MANUFACTURED ARTICLES, MATERIALS, AND EQUIPMENT SHALL BE CONDITIONED, USED APPLIED, INSTALLED, CONNECTED, ERECTED, AND CLEANED IN ACCORDANCE WITH THE MANUFACTURERS WRITTEN SPECIFICATIONS OR INSTRUCTIONS.
6. FOR ALL WOOD MEMBERS REQUIRED BY CODE TO BE FIRE RETARDANT TREATED: PROVIDE PRESSURE IMPREGNATION WITH FIRE RETARDANT CHEMICALS TO PROVIDE UL FRS FIRE HAZARD CLASSIFICATION. ALL WOOD SHALL BE IDENTIFIED WITH A UL LABEL CERTIFYING THIS CLASSIFICATION AND FM DIAMOND.
7. GENERAL CONTRACTOR TO PROVIDE FIVE POUND "ABC" RATED FIRE EXTINGUISHER(S) AND/OR CABINET(S) WHERE SHOWN ON THESE PLANS.
8. ALL PENETRATIONS OF FIRE RESISTIVE FLOORS OR SHAFT WALLS SHALL BE PROTECTED BY MATERIALS AND INSTALLATION DETAILS THAT CONFORM TO UL STANDARDS FOR THROUGH PENETRATIONS FIRESTOP SYSTEMS. SEAL AROUND ALL PENETRATIONS (DUCTS, PIPES, CONDUITS, ETC) AT FIRE-RATED ASSEMBLIES. SEAL SHALL NOT DIMINISH RATING OF ASSEMBLY. AT CONCRETE, OR MASONRY, SEAL OFF OPENINGS WITH CONCRETE GROUT. AT PLASTER OR DRYWALL, DAM UP GAPS AND FILL WITH UL APPROVED SEALANT OR PUTTY PER MANUFACTURERS RECOMMENDATIONS.
9. WRAP AROUND ALL ARCHITECTURAL, MECHANICAL, OR ELECTRICAL DEVICES, RECESSED/PENETRATED INTO ANY FIRE-RATED WALLS WITH 5/8" TYPE "X" GYPSUM BOARD UNLESS WALL IS OF CONCRETE CONSTRUCTION.
10. PROVIDE 4'x8'x3/4" BC PLYWOOD ON THREE WALLS FOR ATTACHMENT OF IT EQUIPMENT IN CLOSET 105. INSTALL PLYWOOD PANELS VERTICALLY TIGHT TO FINISH CEILING.
11. NOT USED.
12. SEE PROJECT SPECIFICATIONS FOR TOILET ACCESSORY HARDWARE SCHEDULE.
13. SEE SHEET ##### FOR MASONRY EXPANSION JOINT LOCATIONS NOT SHOWN ON THIS SHEET.

## LEGEND

 FIRE-RATED PARTITION - SEE PARTITION TYPES AND LIFE-SAFETY PLAN FOR DESIGNATED FIRE RATING

SMOKE PARTITION - SEE PARTITION  
TYPES AND LIFE-SAFETY PLAN FOR  
DESIGNATED RATING

OFCI

- A. REFRIGERATORS
- B. OVEN
- C. DISHWASHER
- D. MICROWAVE
- E. ICE MACHINE
- F. GENERATOR AND STAND
- G. TV'S AND MOUNTING BRACKETS
- H. COMMUNICATIONS EQUIPMENT
- I. WASHERS AND DRYER

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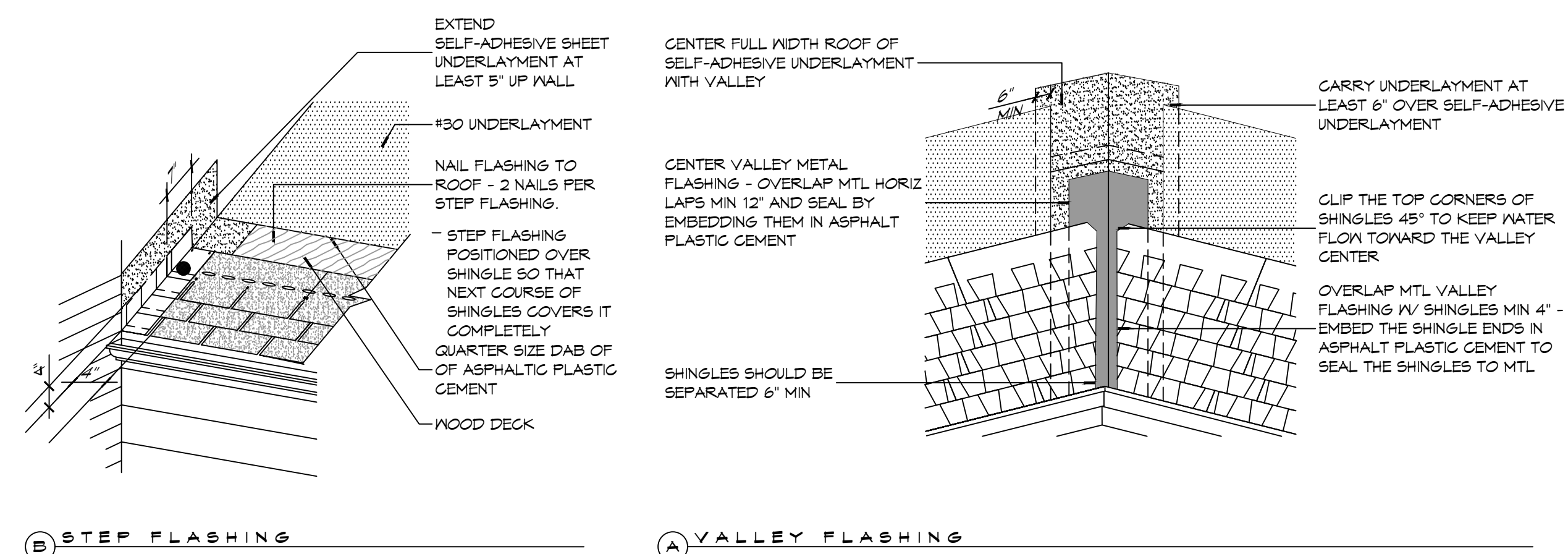
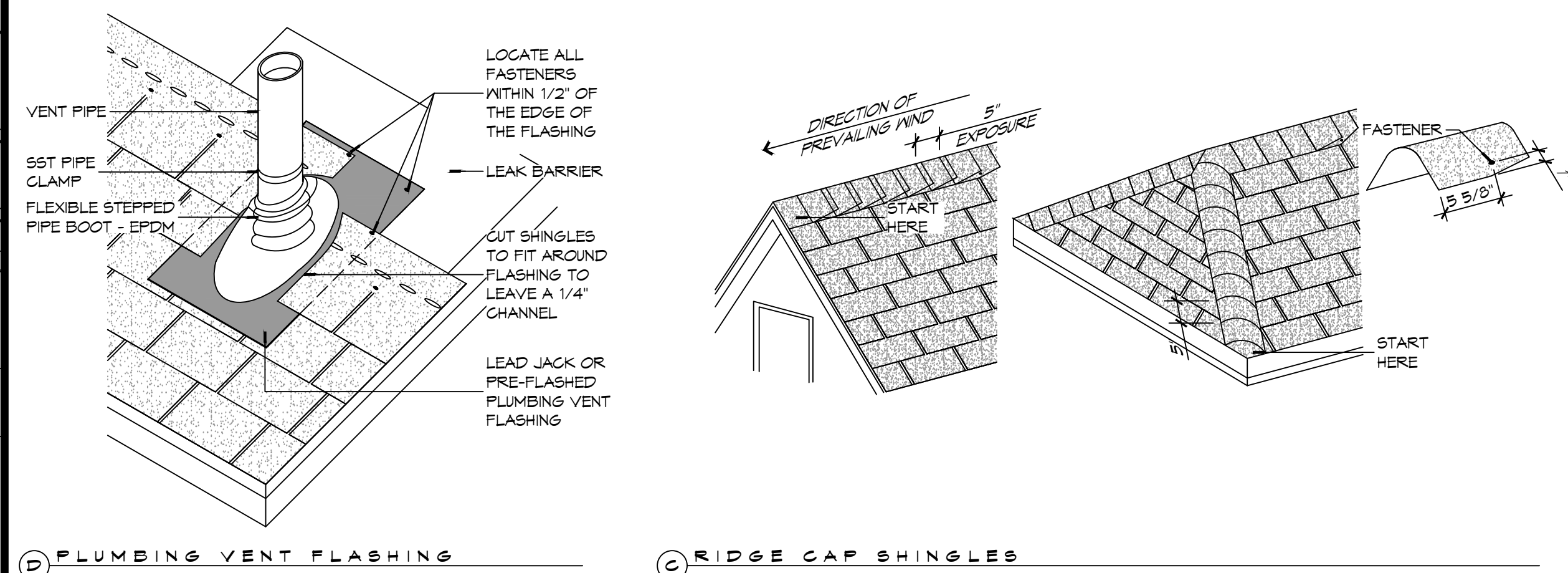
NEW FIRE STATION #10  
ST. TAMMANY FIRE PROTECTION  
DISTRICT No. 1

SHEET TITLE:  
ARCHITECTURAL FLOOR  
PLAN, DETAIL FLOOR  
PLANS AND SCHEDULES

DRAWING NUMBER

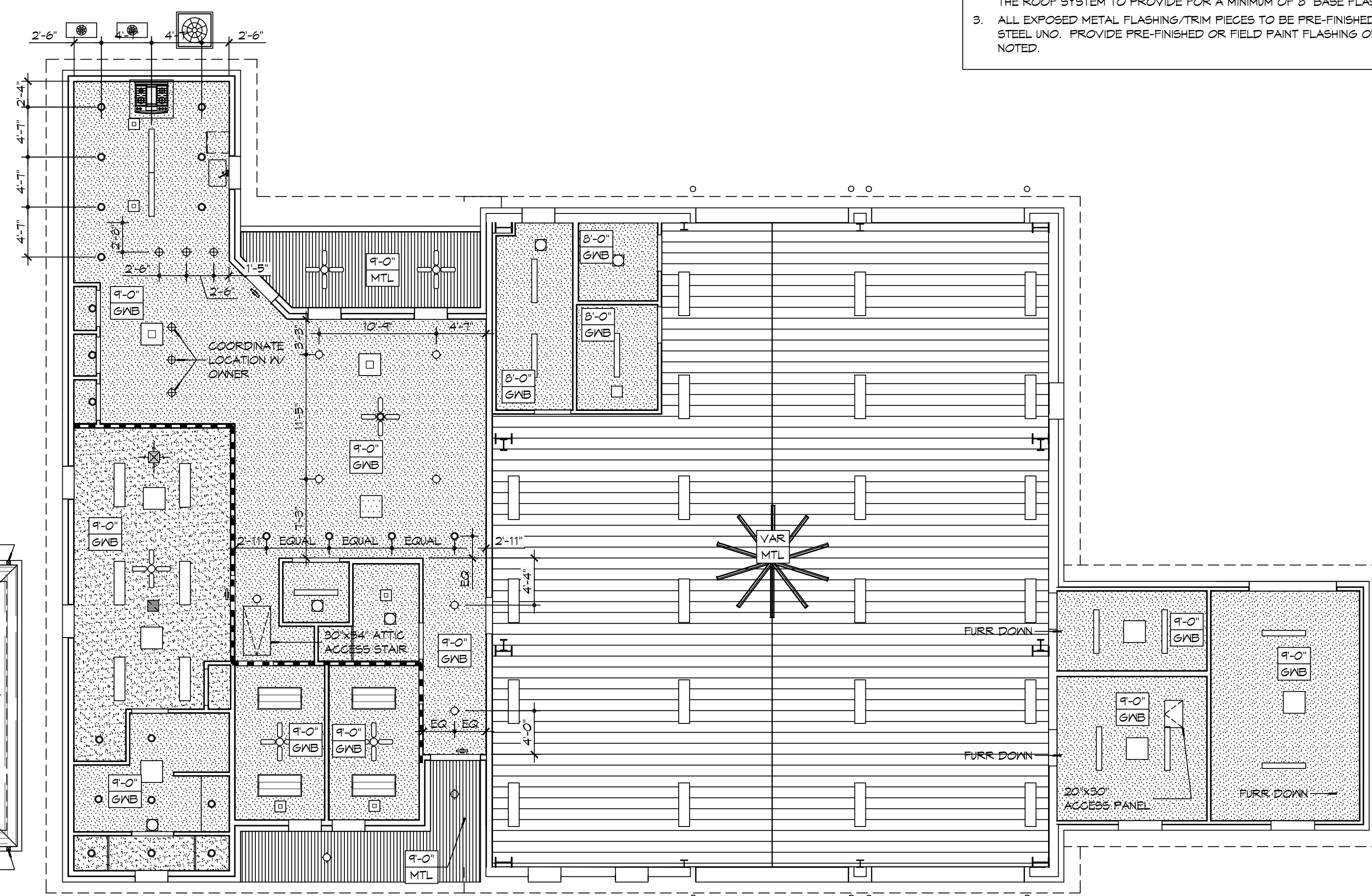
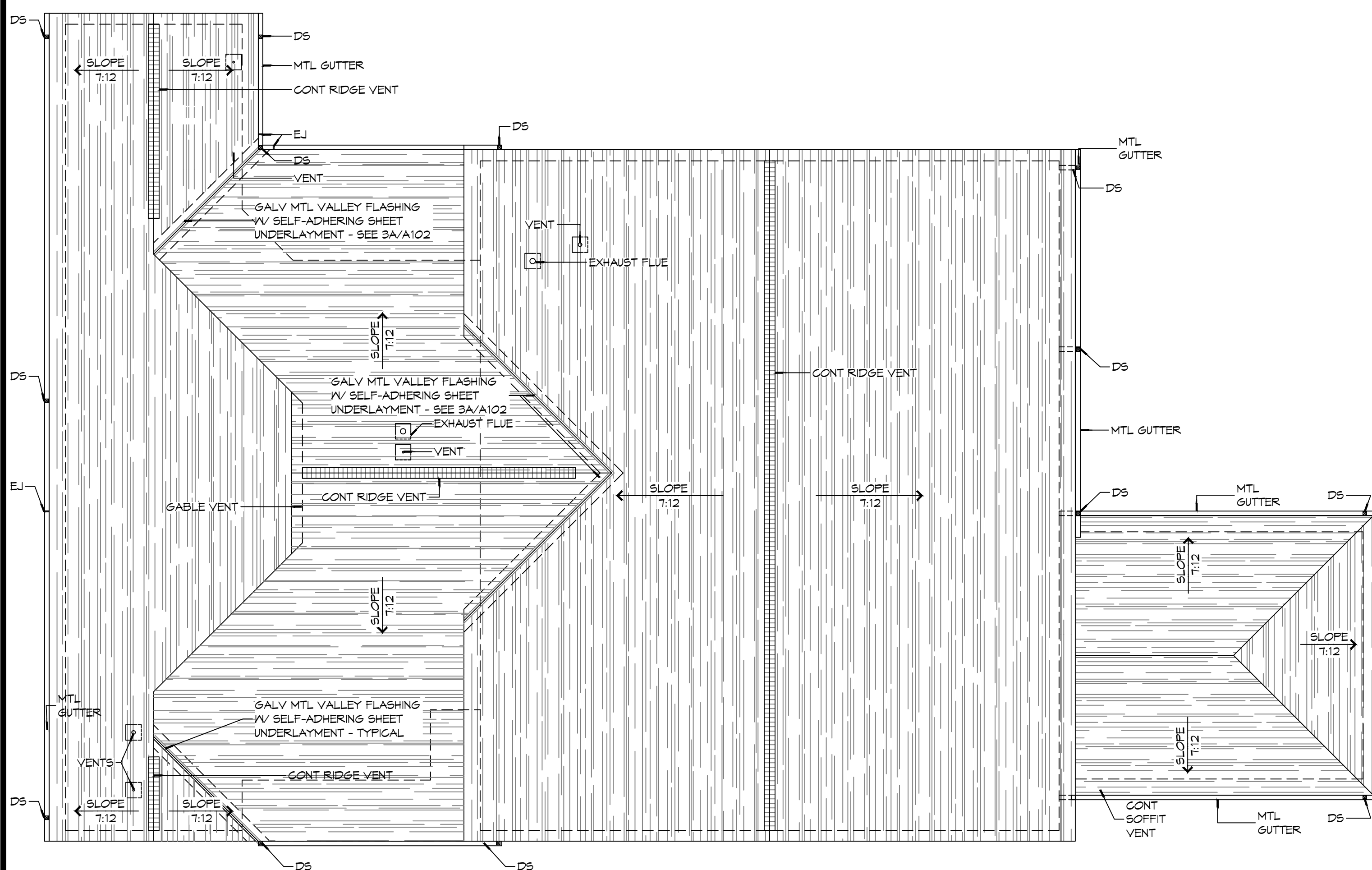
# A101

SHEET No: 18 of 37



### 3 TYPICAL ROOF DETAILS

| RCP NOTES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|
| <ol style="list-style-type: none"> <li>ALL CEILING HEIGHTS INDICATED ARE APPROXIMATE. ACTUAL CEILING HEIGHT TO BE DETERMINED BY STRUCTURE ELEVATION AND CEILING ASSEMBLY THICKNESS. INDICATED HEIGHT IS MEASURED ABOVE FINISH FLOOR (AFF).</li> <li>REFER TO SHEET AS01 FOR WALL/PARTITION ASSEMBLY AND INFORMATION.</li> <li>SEE SHEET E102 FOR LIGHT FIXTURE TYPES. SEE SHEETS M101 &amp; M102 FOR DIFFUSER AND GRILLE TYPES.</li> <li>REFER TO INTERIOR ELEVATIONS FOR MOUNTING HEIGHT OF WALL MOUNTED LIGHT FIXTURES.</li> <li>SEAL AROUND ALL CEILING OPENINGS ON SLEEPING QUARTERS SIDE OF SMOKE PARTITION TO RESTRICT THE MOVEMENT SMOKE.</li> </ol> |                                                 |
| RCP LEGEND                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                 |
| SYMBOL/SYMBOL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | DESCRIPTION                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2X4' SURFACE MOUNTED FLUORESCENT LIGHT FIXTURE  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1X4' SUSPENDED HIGH BAY LIGHT FIXTURES          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | SURFACE MOUNTED FLUORESCENT LIGHT FIXTURE STRIP |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | CEILING FAN                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | PENDANT LIGHT FIXTURE                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | RECESSED LIGHT FIXTURE                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | SURFACE MOUNTED LIGHT FIXTURE                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | EXHAUST FAN                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | HVAC SUPPLY AIR DIFFUSER                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | HVAC RETURN AIR GRILLE                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | GYPSUM BOARD CEILING                            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | METAL LINER PANEL CEILING                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | METAL SOFFIT PANEL                              |
| GENERAL ROOF NOTES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                 |
| <ol style="list-style-type: none"> <li>COORDINATE INSTALLATION OF NEW ROOF SYSTEM WITH OTHER TRADES. REPORT ANY CONFLICTS WITH ITEMS BY OTHER TRADES TO THE ARCHITECT.</li> <li>ALL PLUMBING VENTS SHALL EXTEND ABOVE THE FINISHED SURFACE OF THE ROOF SYSTEM TO PROVIDE FOR A MINIMUM OF 8" BASE FLASHING.</li> <li>ALL EXPOSED METAL FLASHING/TRIM PIECES TO BE PRE-FINISHED 24 GA STEEL UNO. PROVIDE PRE-FINISHED OR FIELD PAINT FLASHING ONLY AS NOTED.</li> </ol>                                                                                                                                                                                      |                                                 |



## 2 ROOF PLAN

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





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|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |            |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------|
| 2749 LAKESHORE VISTA BLVD<br>SUJDELL, LA 70461 | DATE:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 25/9 | 12-03-2025 |
|                                                | CHECKED BY:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | CKD  | NMS        |
| DOB NO:                                        | I have drawn up specific measures designed and implemented according to the law and used the appropriate equipment and materials to ensure that the work has been carried out efficiently and effectively. The work has been carried out in accordance with the relevant legislation and standards. I have discussed to others, or used it in connection with any work or project other than the specific task mentioned above, and I have taken steps to ensure that the information is kept confidential. I have signed and dated this statement. I have signed and dated this statement. I have signed and dated this statement. |      |            |
| DRAWN BY:                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      |            |

SHEET No: 21 of 37

## GENERAL SHEET NOTES

1. COORDINATE ATTIC ACCESS PANEL LOCATION WITH MEZZANINE HVAC EQUIPMENT AND DUCTWORK.
2. COORDINATE ATTIC ACCESS PANEL DIMENSIONS WITH LARGEST EQUIPMENT COMPONENT LOCATED IN ATTIC SPACE IT SERVES.

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[illegible]

SEAL:



NEW FIRE STATION #10  
ST. TAMMANY FIRE PROTECTION  
DISTRICT No. 1

2745 LAKESHORE VISTA BLVD  
SUNBELT | 470461

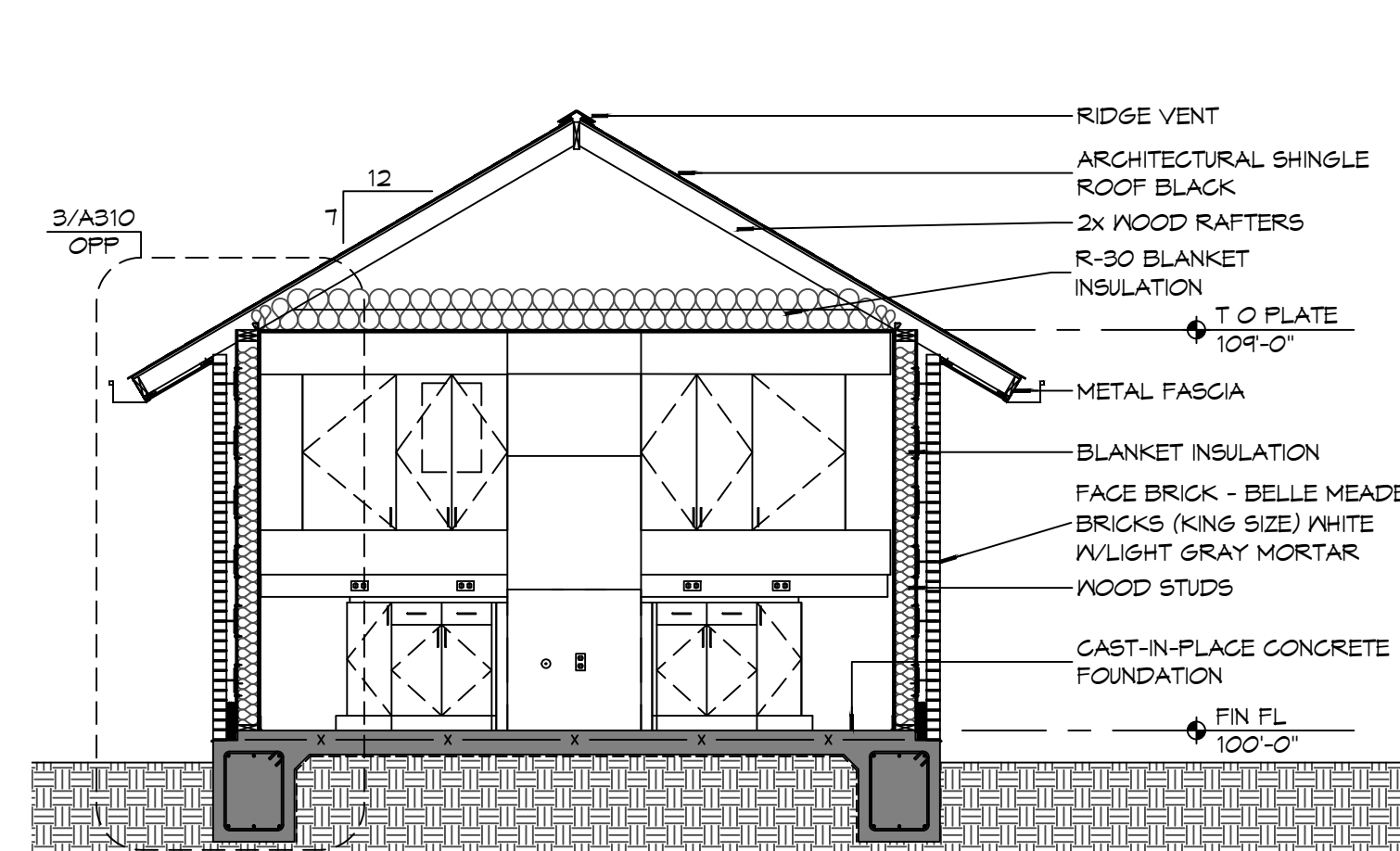
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|-----------|------|-------------|------------|
| JOB No:   | 2519 | DATE:       | 12-03-2025 |
| DRAWN BY: | CKD  | CHECKED BY: | JMS        |

SHEET TITLE:  
BUILDING SECTIONS

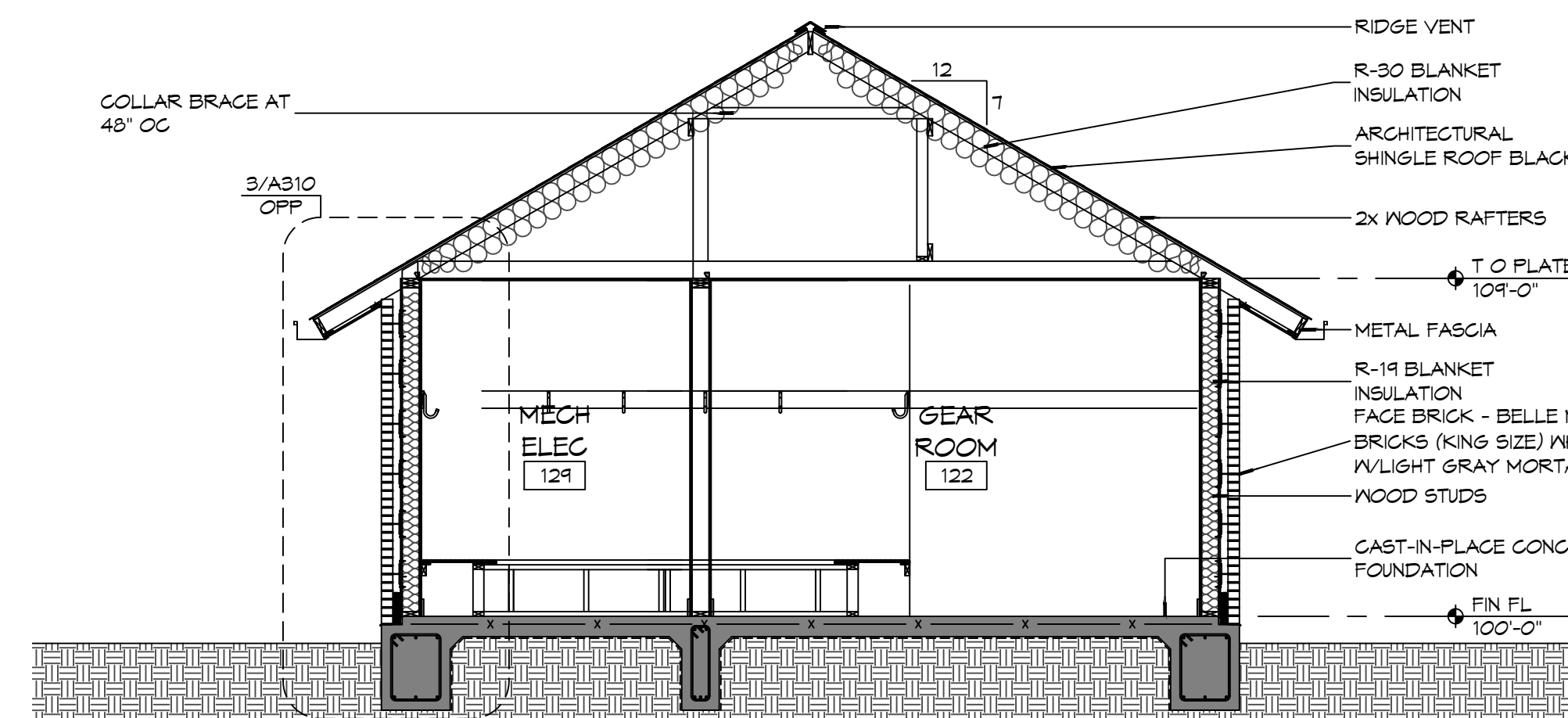
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# A302

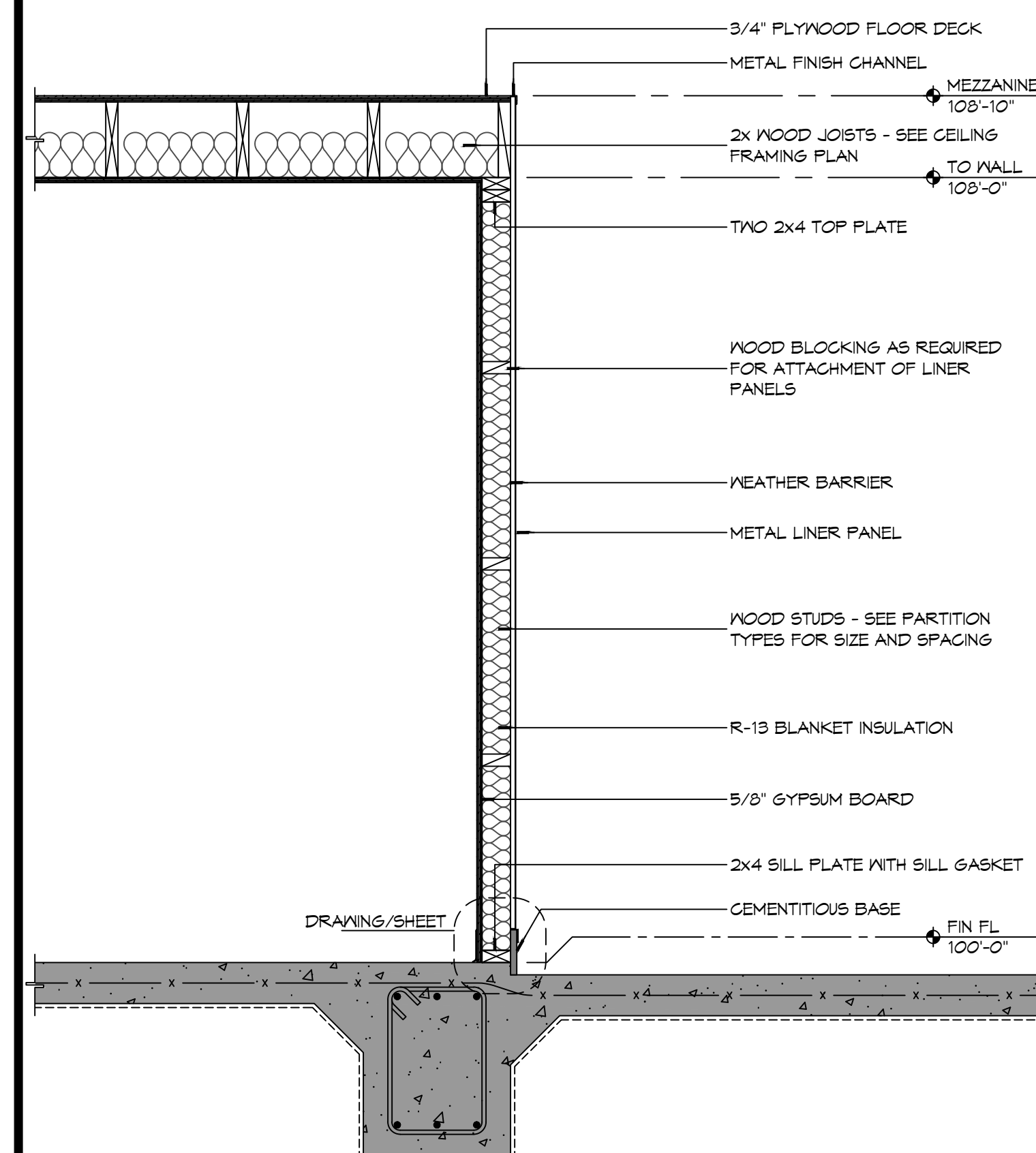
SHEET No: 22 of 37



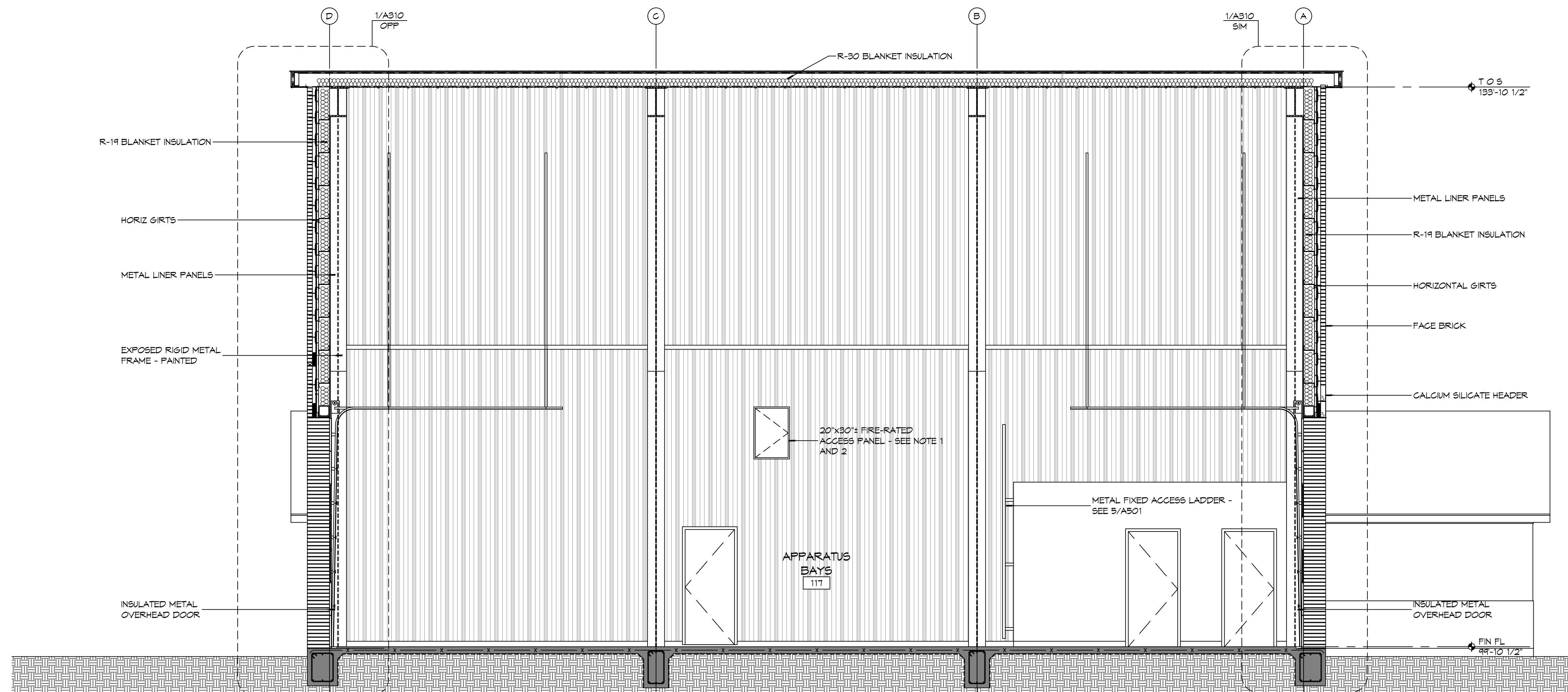
## 4 BUILDING SECTION



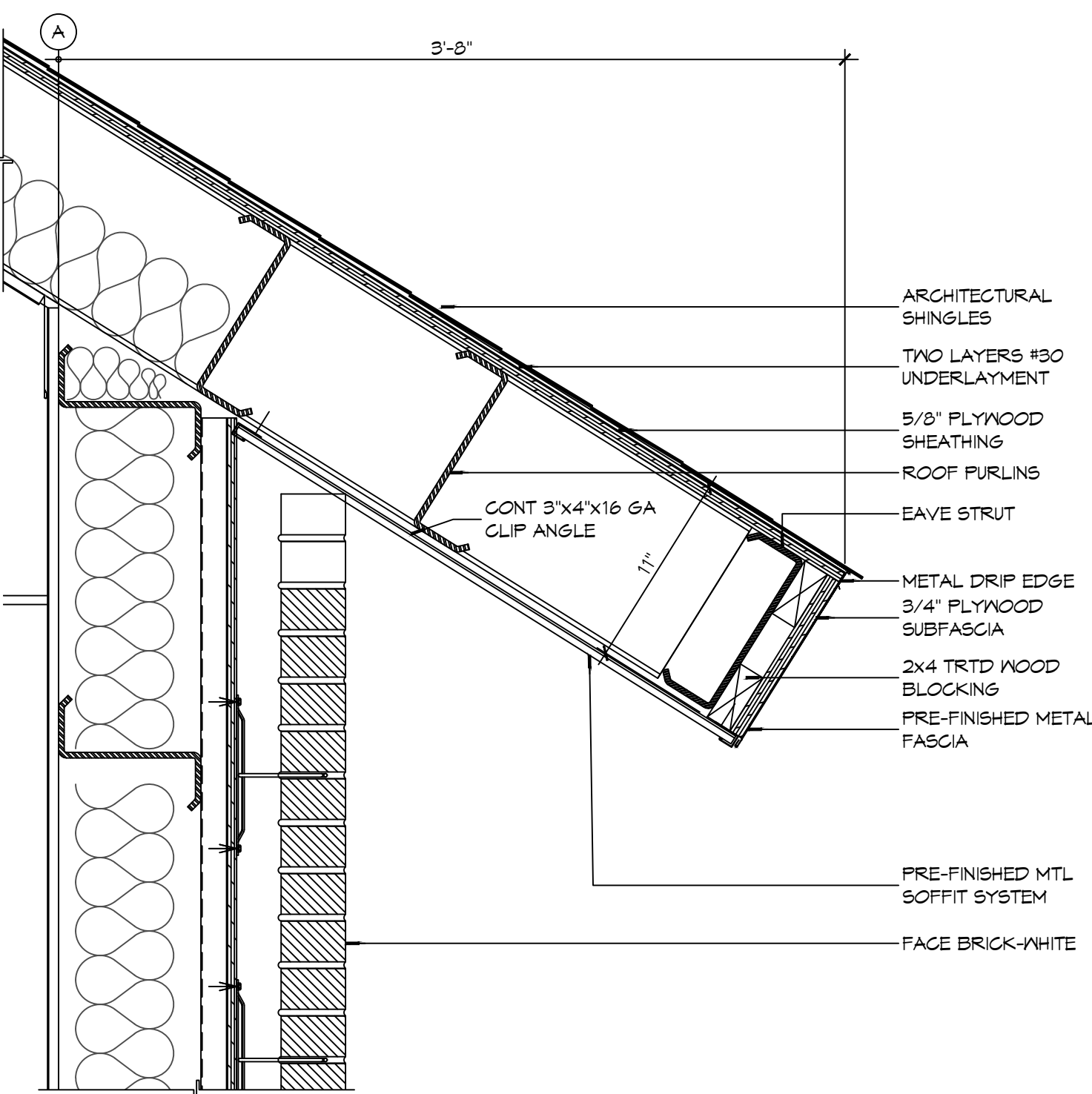
### 3 BUILDING SECTION



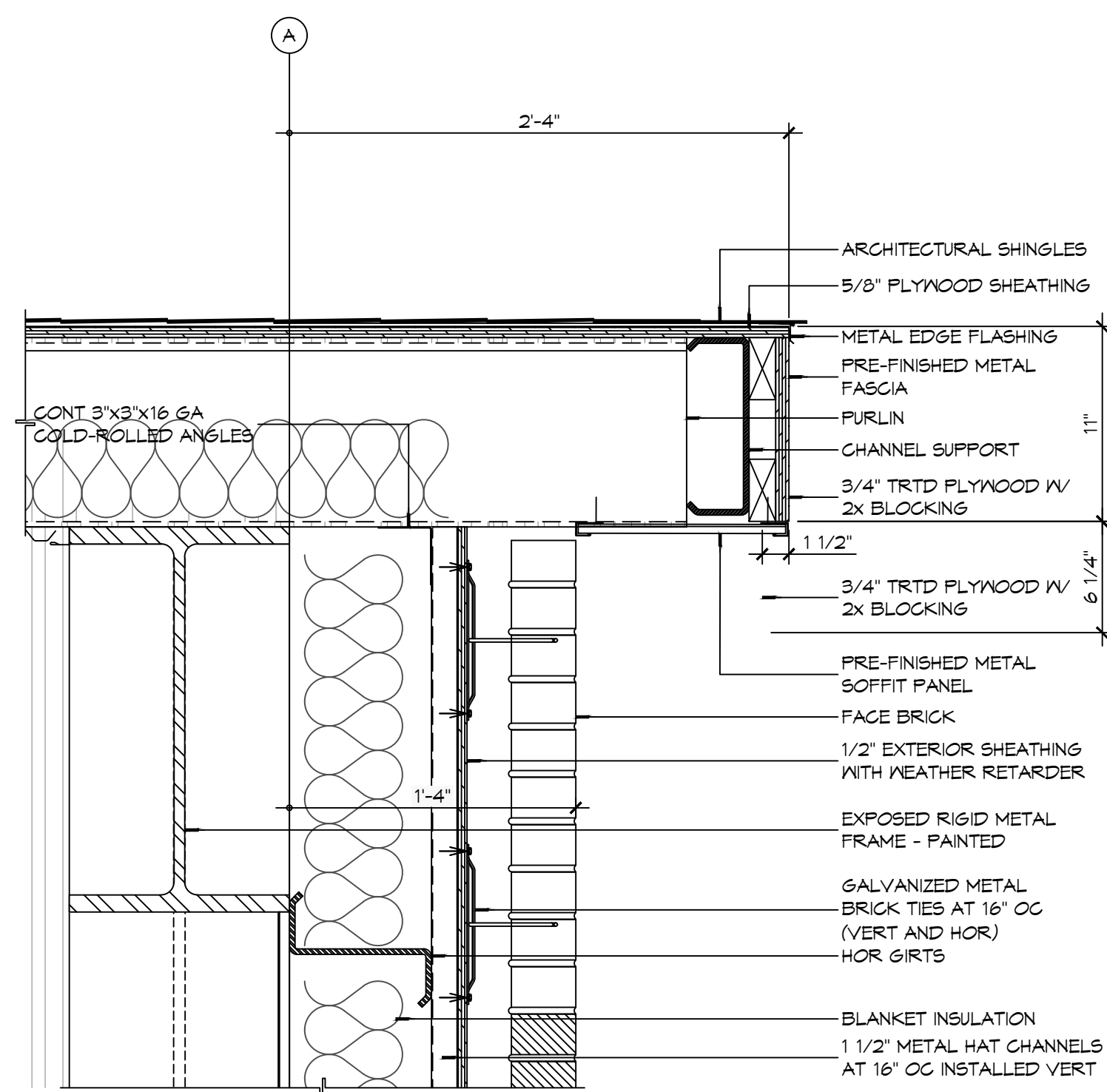
## 2 WALL SECTION



1 BUILDING SECTION  
SCALE: 1/4" = 1'-0"

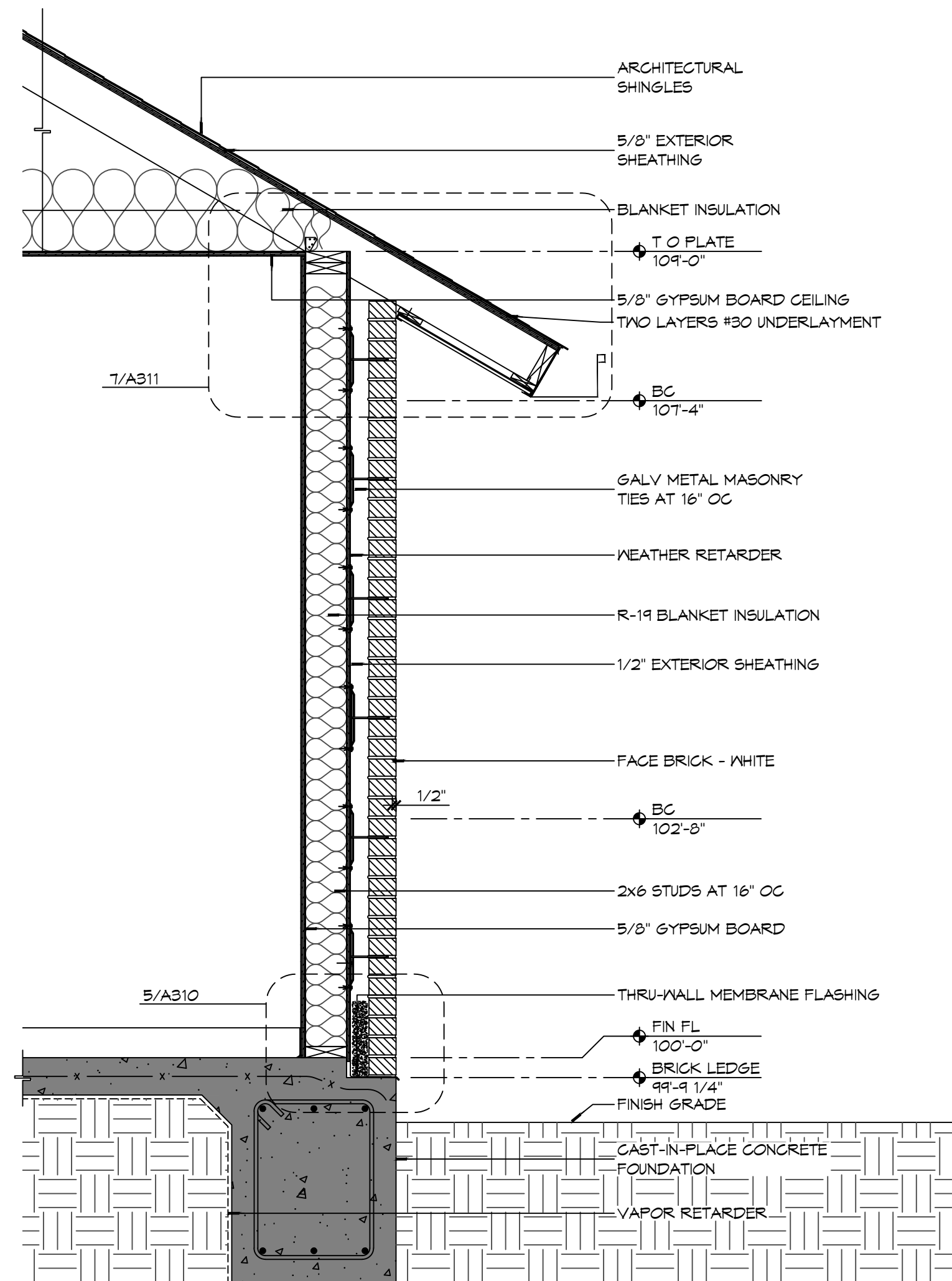


**6 DETAIL**  
SCALE: 1 1/2" = 1'-0" APPARATUS BAY EAVE

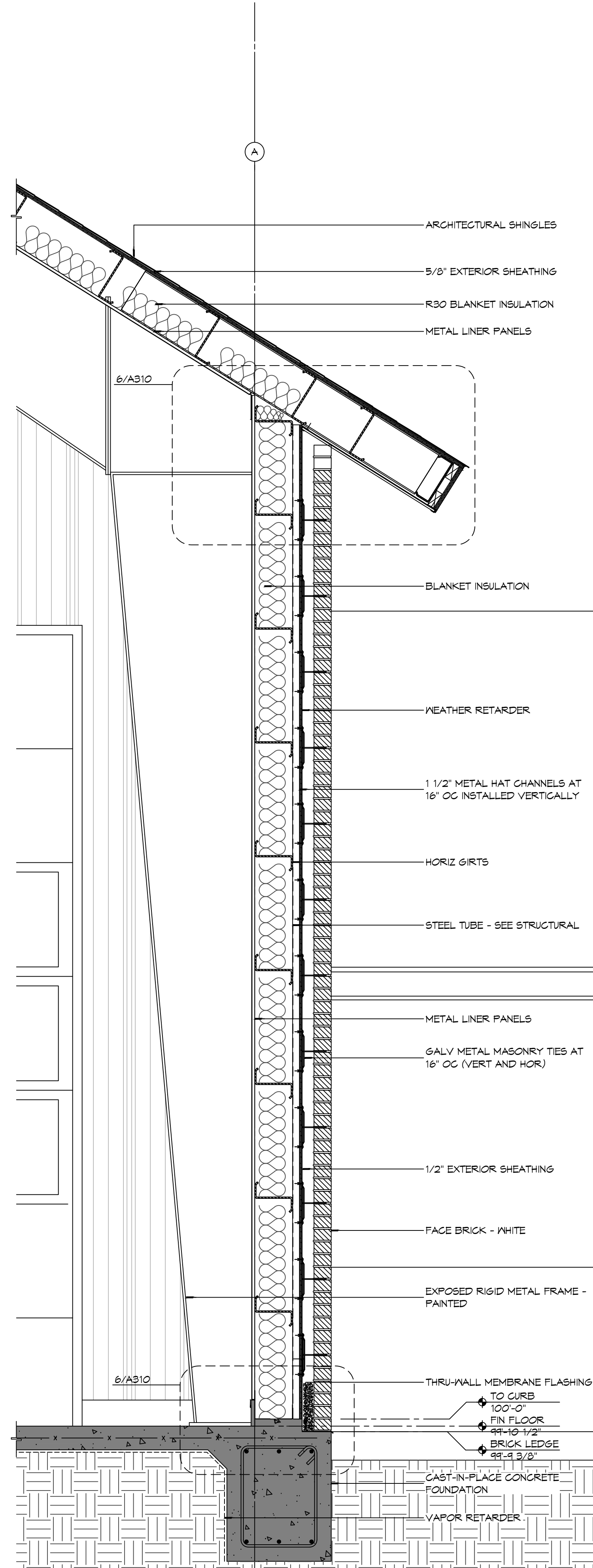


**5 DETAIL**  
SCALE: 1 1/2" = 1'-0" APPARATUS BAY ROOF RAKE

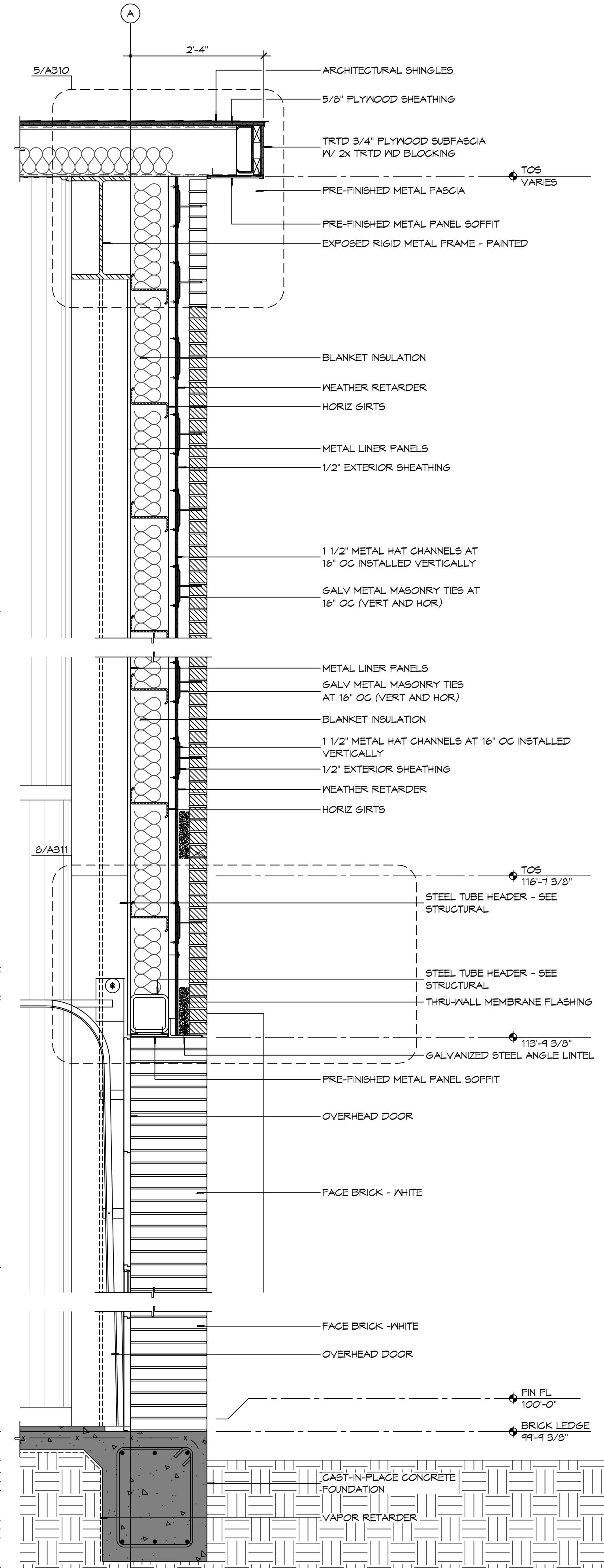
REFER TO BUILDING SECTIONS FOR  
PLACEMENT OF ATTIC INSULATION AS  
LOCATION MAY VARY.



### 3 WALL SECTION



## 2 WALL SECTION



# 1 WALL SECTION

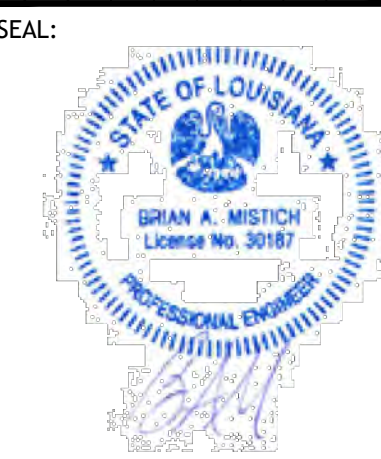
**NOT USED**

**DAMMON**  
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[illegible]

NEW FIRE STATION #10  
ST. TAMMANY FIRE PROTECTION  
DISTRICT NO. 1

2745 LAKESHORE VISTA BLVD

SLIDELL, LA

JOB No:

DRAWN BY:

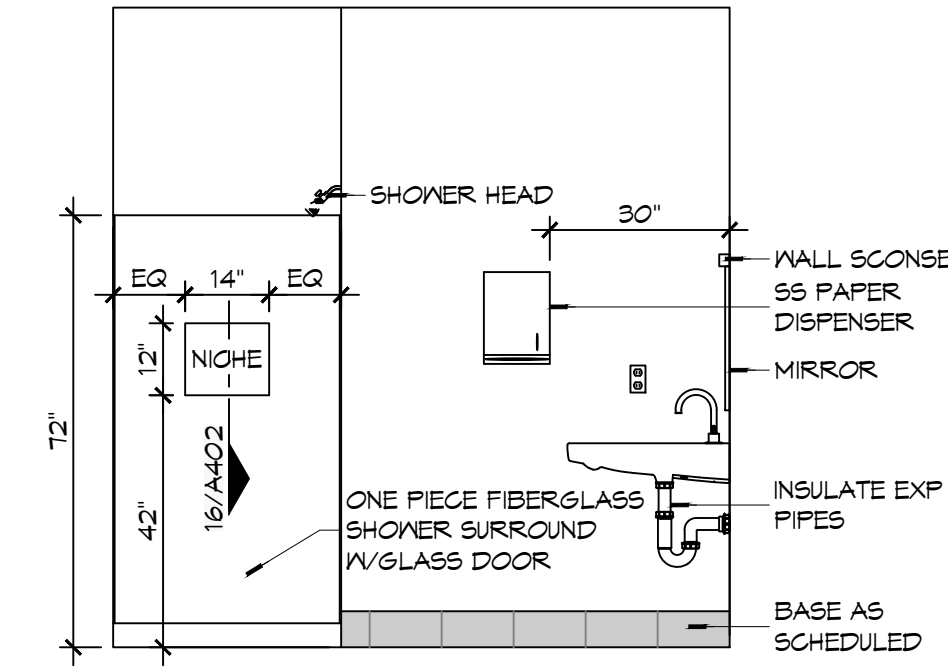
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BUILDING SECTIONS

DRAWING NUMBER:

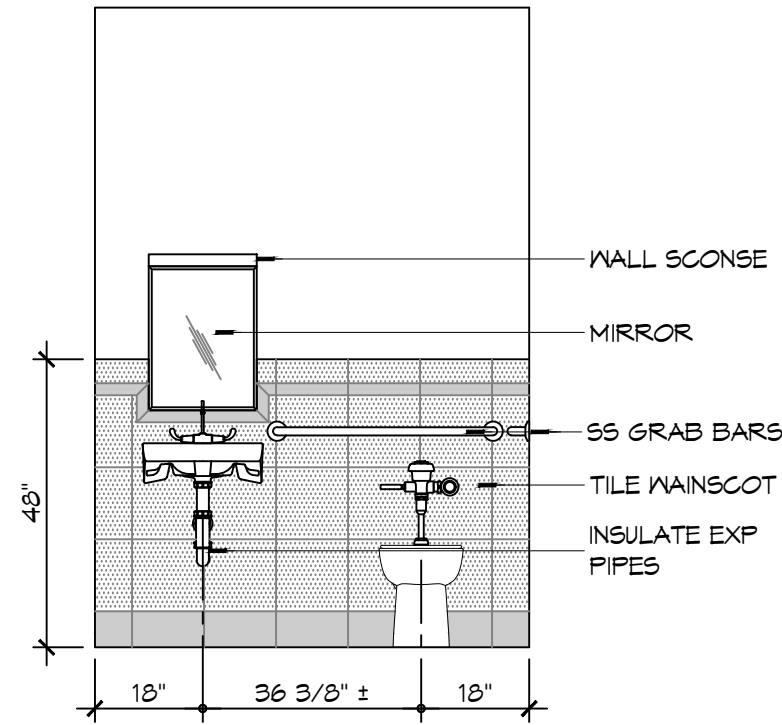
**A310**



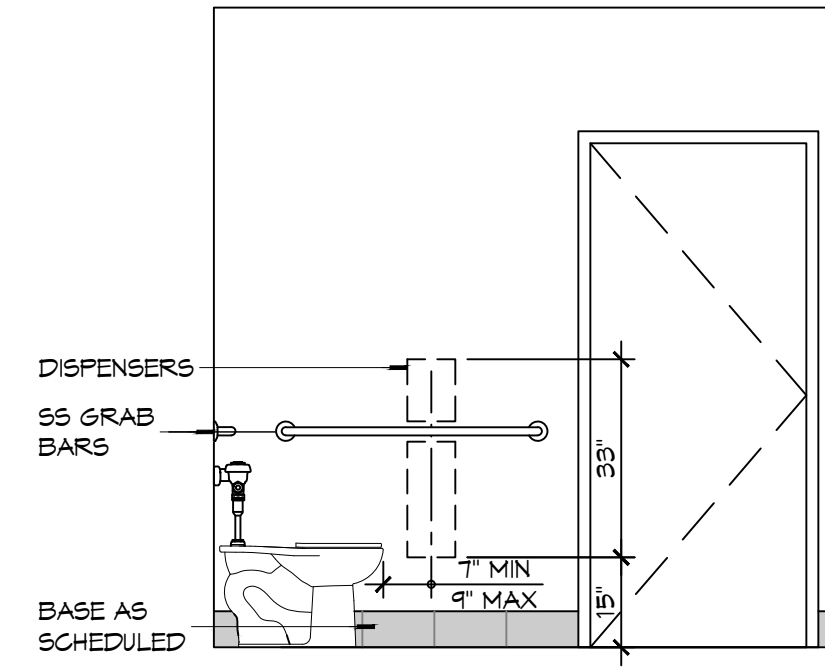
FILE NAME: J:\1 - Dammon\2019 - Fire Station #10\Drawings\Interior Elevations\A401 - Interior Elevations.dwg, PLOT DATE: 12/05/2025, PLOT BY: JMS, SCALE: 3/8" = 1'-0"



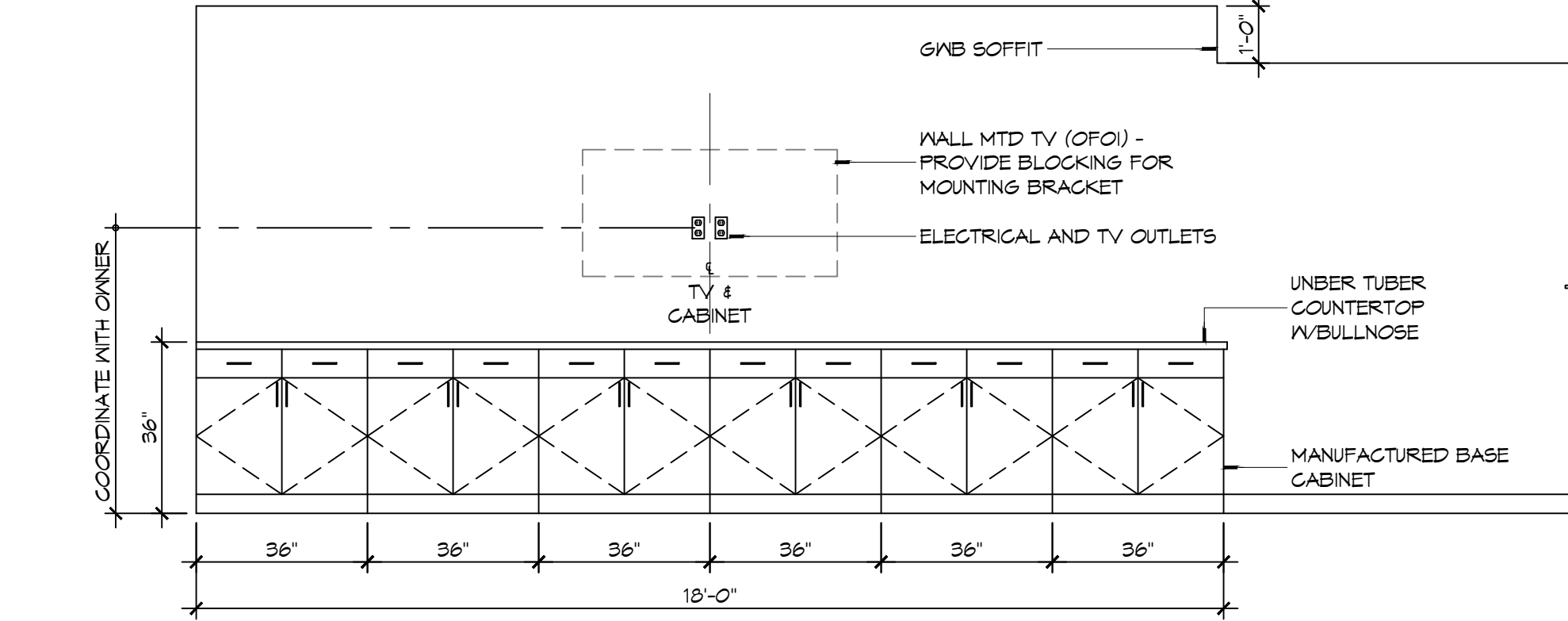
15 INTERIOR ELEV  
SCALE: 3/8" = 1'-0" WOMENS TOILET - 104



14 INTERIOR ELEV  
SCALE: 3/8" = 1'-0" WOMENS TOILET - 104



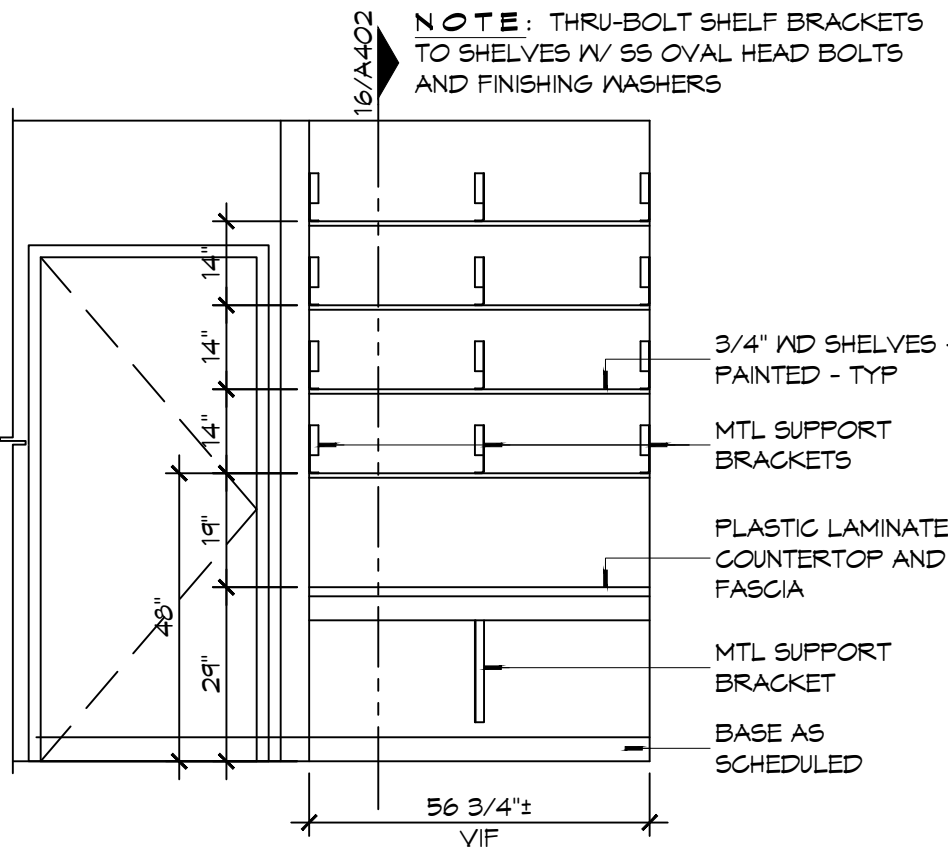
13 INTERIOR ELEV  
SCALE: 3/8" = 1'-0" WOMENS TOILET - 104



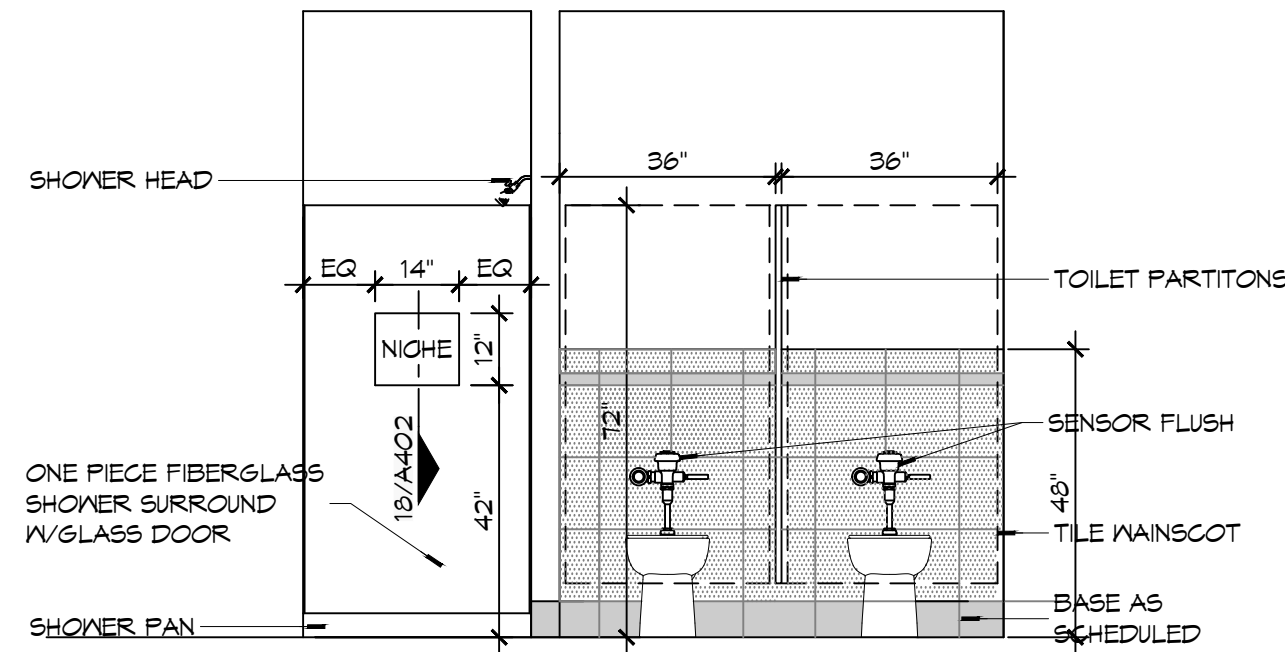
12 INTERIOR ELEVATION  
SCALE: 3/8" = 1'-0" DAY ROOM - 102

## INTERIOR ELEVATION NOTES

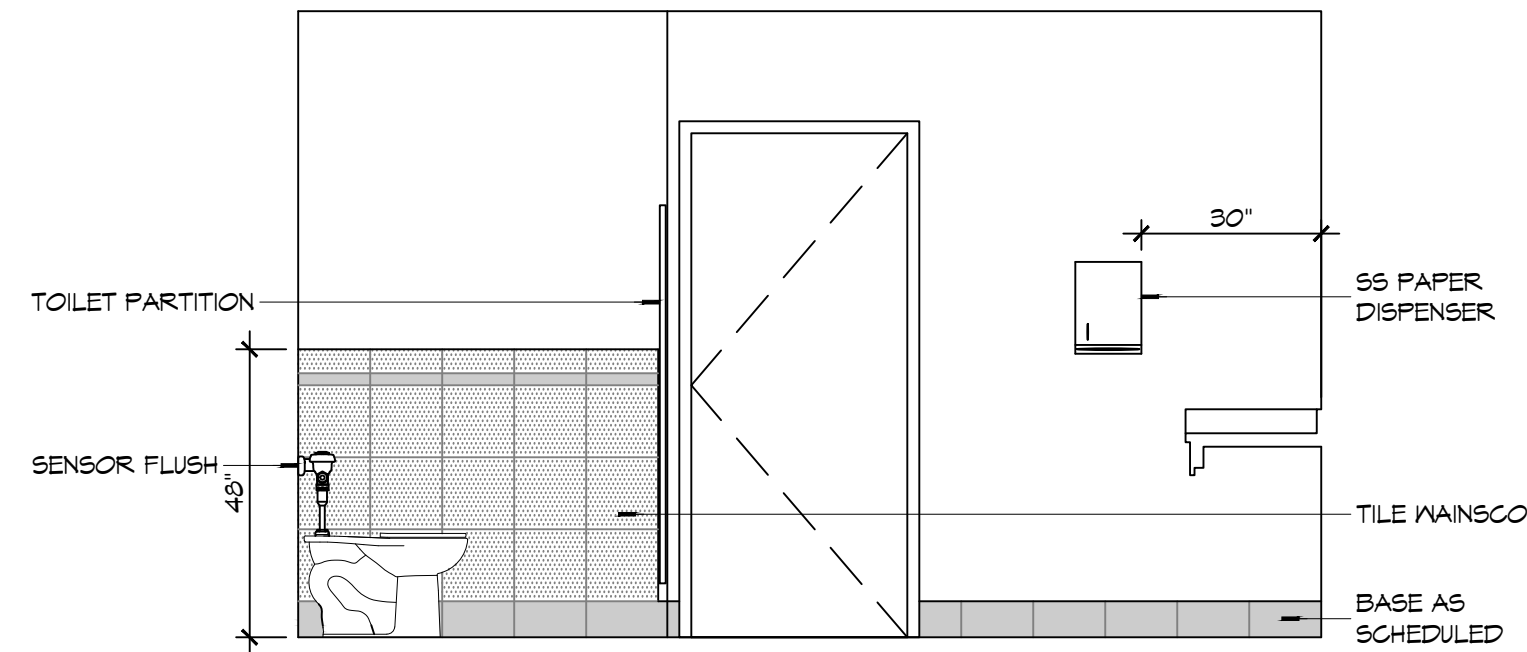
1. REFER TO SHEET 6003 FOR TYPICAL MOUNTING HEIGHTS AND FLOOR CLEARANCE REQUIREMENTS WHERE NOT SHOWN ON THIS SHEET.
2. NOT USED
3. PROVIDE 1/8" R EASED EDGES AT ALL EXPOSED GRANITE COUNTERTOP AND BACKSLASH EDGES UNLESS OTHERWISE NOTED.
4. BLOCKING FOR CABINETS IS NOT SHOWN ON THESE DRAWINGS. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND COORDINATING WALL BLOCKING FOR CABINETRY. WHERE WOOD BLOCKING IS PROHIBITED BY CODE PROVIDE GALVANIZED SHEET BLOCKING.
5. PROVIDE 5/8" CEMENTITIOUS BACKERBOARD BEHIND ALL CERAMIC WALL TILE INSTALLATIONS. WHERE CERAMIC WALL TILE IS APPLIED TO A RATED WALL ASSEMBLY USE TYPE "X" MOISTURE RESISTANT GAB.
6. PROVIDE FULL FINISHED END PANELS ON ALL EXPOSED CASEWORK.
7. PROVIDE FILLER PANEL WHERE CASEWORK MEETS WALL. SCRIBE AS NECESSARY TO ACHIEVE TIGHT FIT TO FINISH SURFACE.
8. FIELD VERIFY (VF) ALL DIMENSIONS PRIOR TO SHOP DRAWING SUBMITTAL.
9. ELEG OUTLETS INSTALLED AT GRANITE BACK SPLASHES SHALL BE MOUNTED IN A HORIZONTAL ORIENTATION WITH SATIN STAINLESS STEEL PLATE.
10. CLEARANCE REDUCTION SYSTEM SHALL COMPLY WITH NFPA 96.4.2.3.
11. SEE SHEET M102 FOR EXHAUST HOOD INSTALLATION DETAILS.
12. SINKS SHOWN ON THESE DRAWINGS INDICATE LOCATIONS ONLY AND NOT ACTUAL SIZES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ACTUAL SIZES AND TYPES WITH CABINET FABRICATOR PRIOR TO FABRICATION.



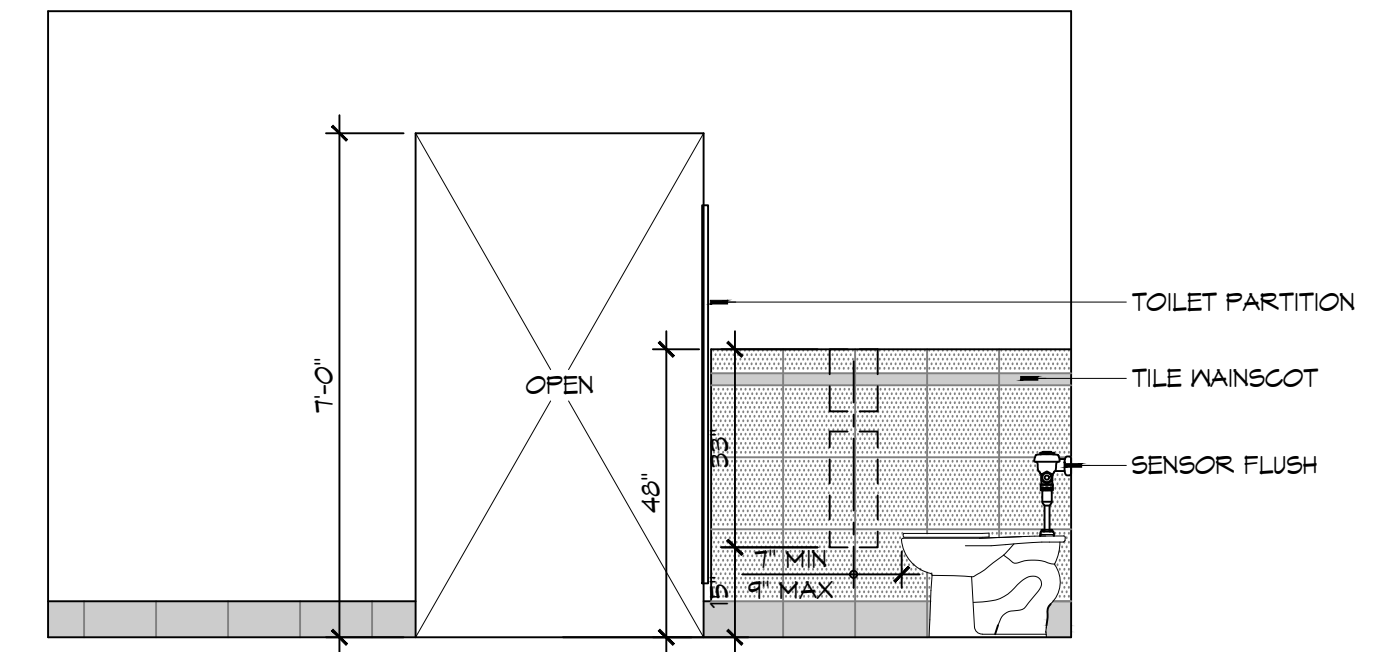
11 INTERIOR ELEV  
SCALE: 3/8" = 1'-0" BUNK ROOM - 113



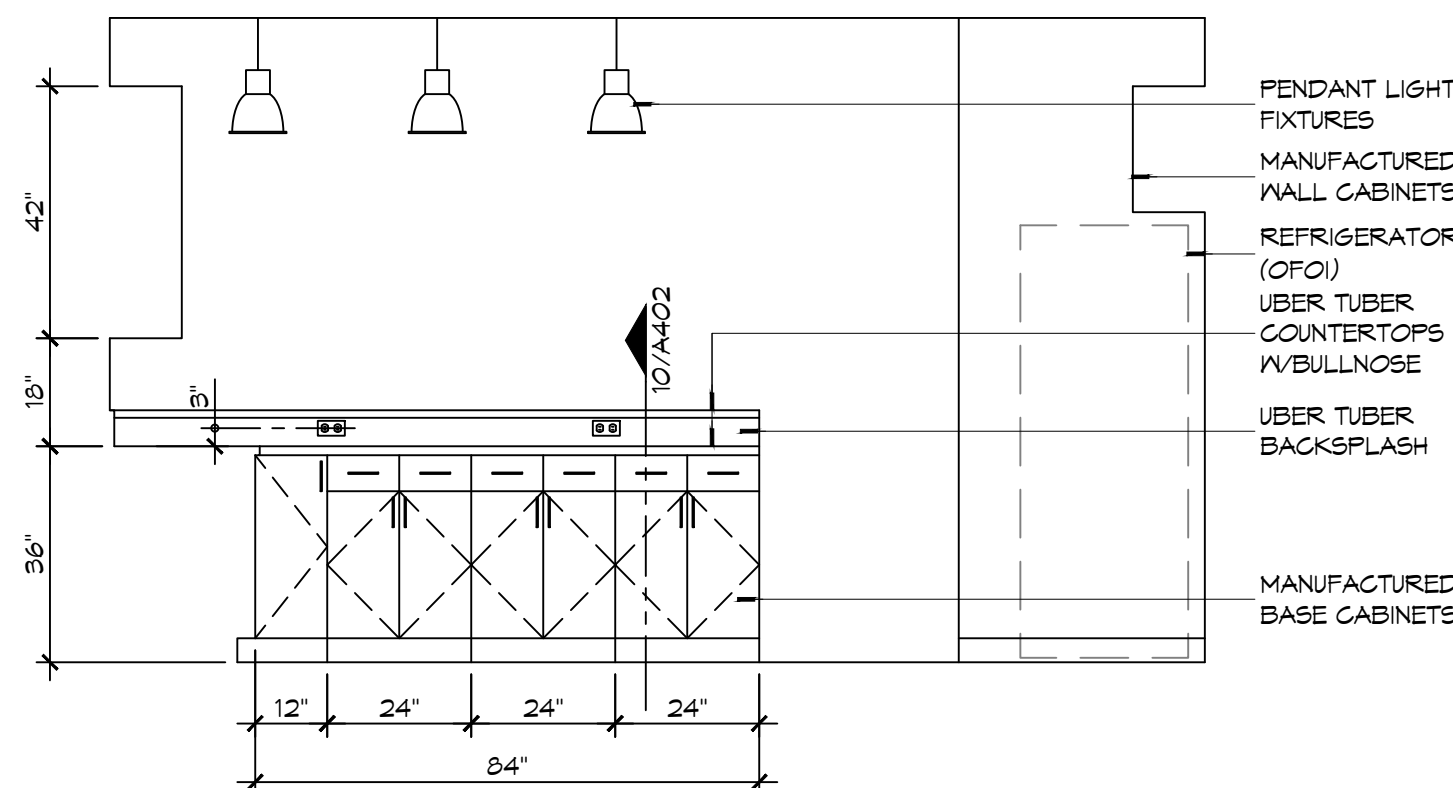
10 INTERIOR ELEVATION  
SCALE: 3/8" = 1'-0" MENS TOILET - 114 & MENS SHOWER - 116



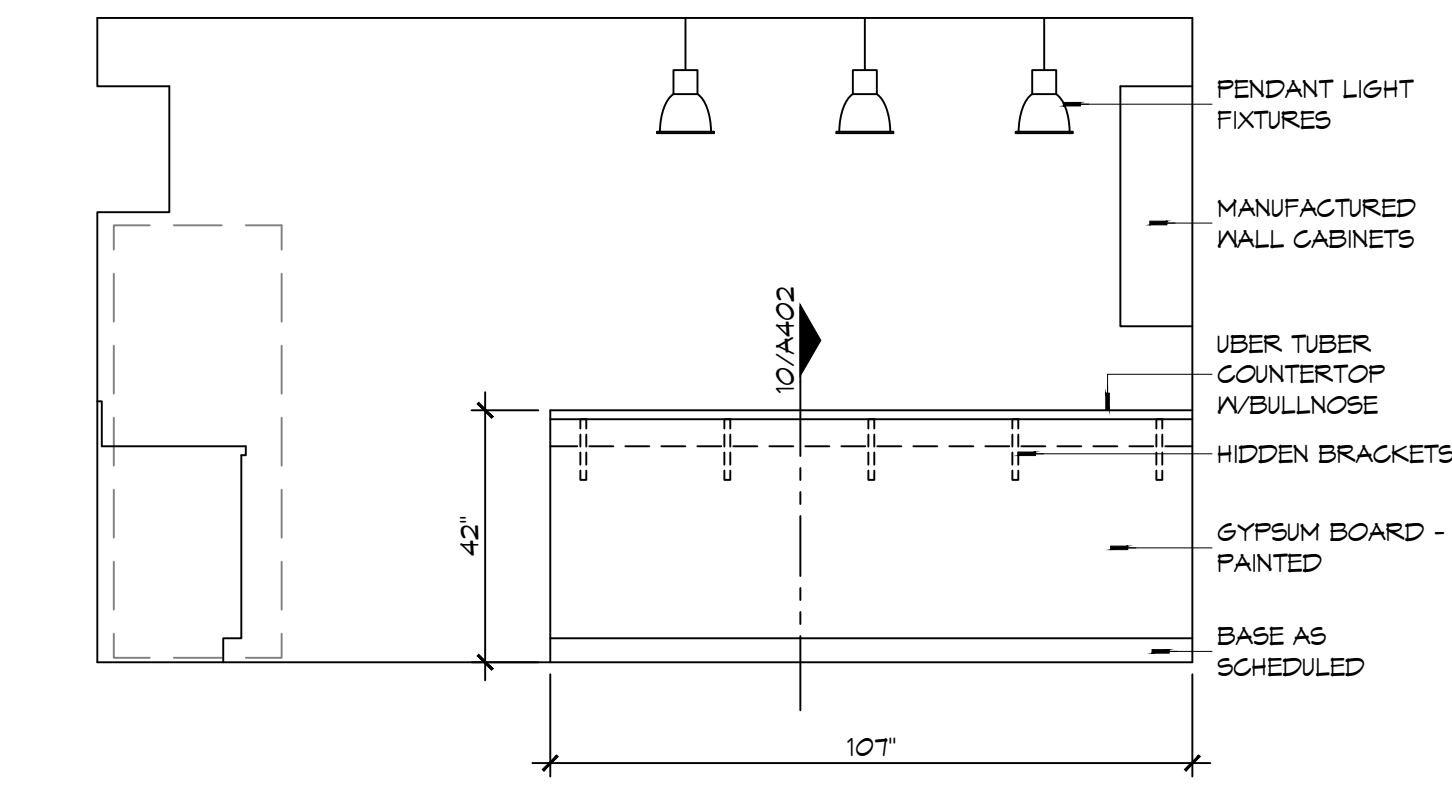
9 INTERIOR ELEVATION  
SCALE: 3/8" = 1'-0" MENS TOILET - 114



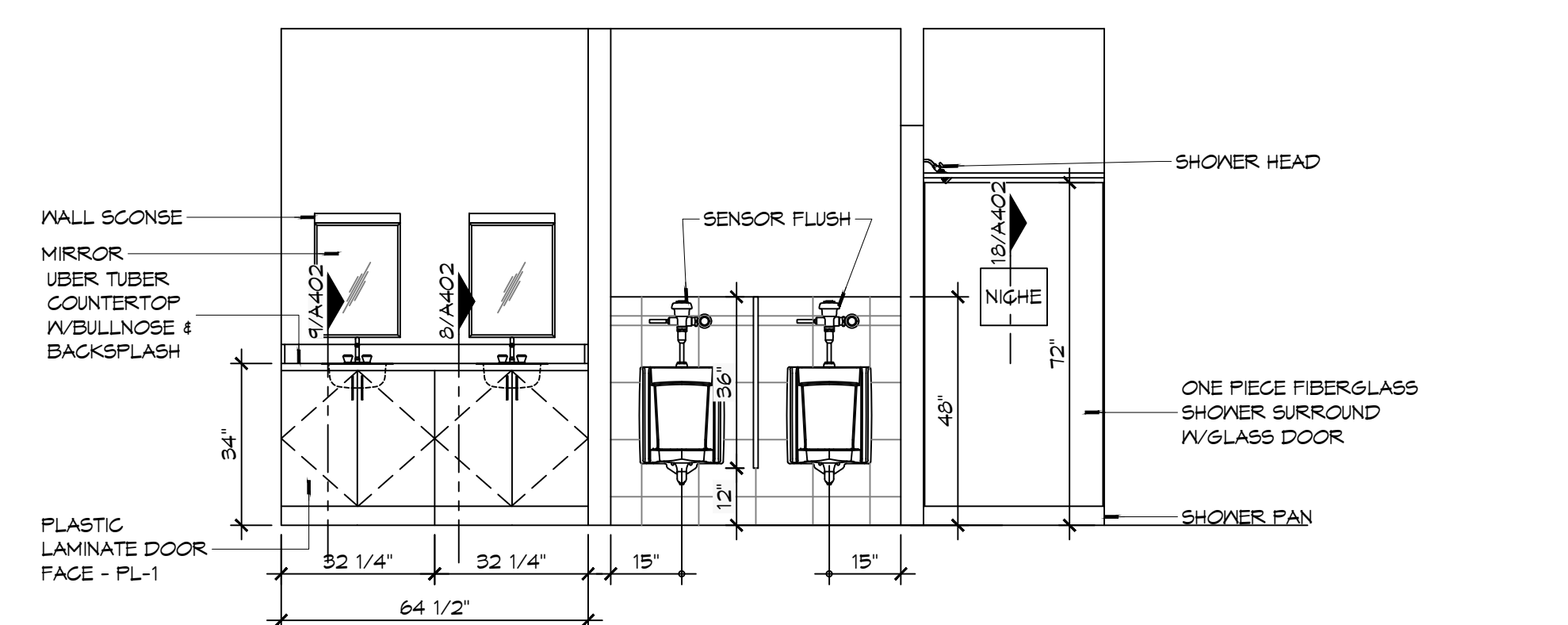
8 INTERIOR ELEVATION  
SCALE: 3/8" = 1'-0" MENS TOILET - 114



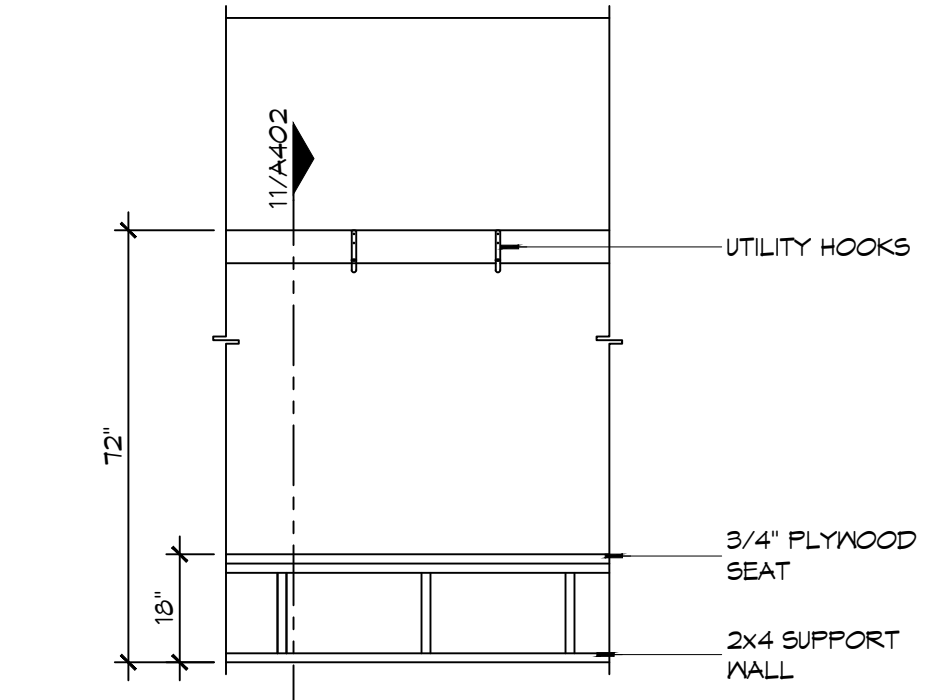
7 INTERIOR ELEVATION  
SCALE: 3/8" = 1'-0" KITCHEN - 108



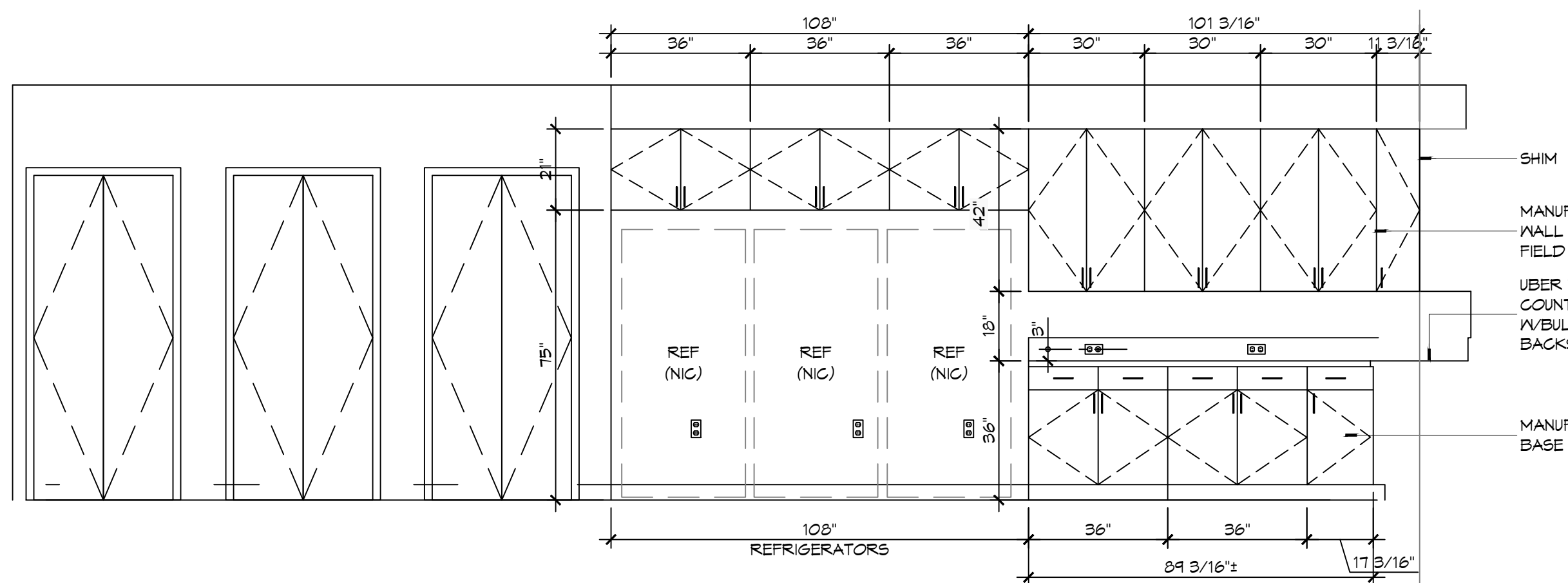
6 INTERIOR ELEVATION  
SCALE: 3/8" = 1'-0" KITCHEN - 108



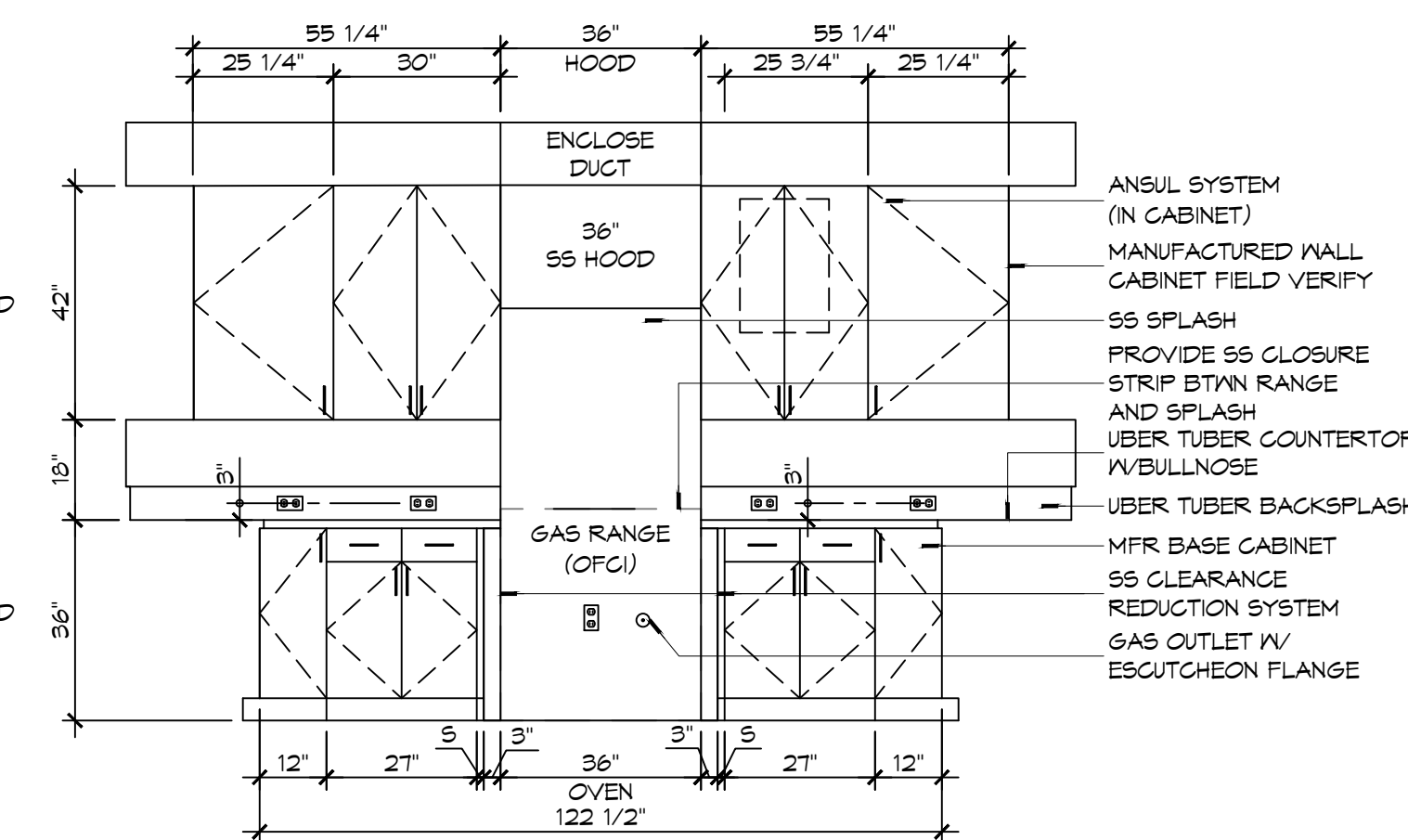
5 INTERIOR ELEVATION  
SCALE: 3/8" = 1'-0" MENS TOILET - 114 & MENS SHOWER - 116



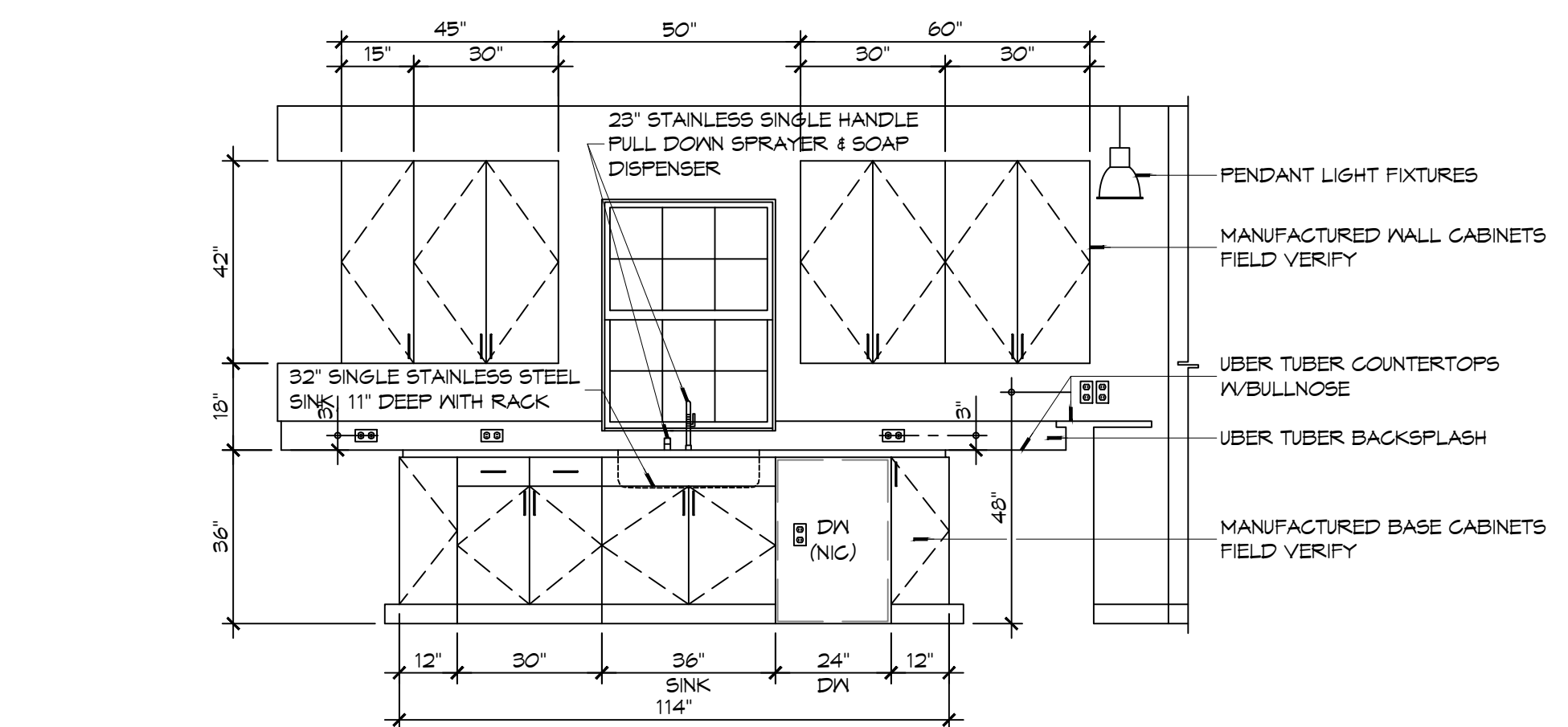
4 INTERIOR ELEV  
SCALE: 3/8" = 1'-0" GEAR ROOM - 122



3 INTERIOR ELEVATION  
SCALE: 3/8" = 1'-0" KITCHEN - 108



2 INTERIOR ELEVATION  
SCALE: 3/8" = 1'-0" KITCHEN - 108



1 INTERIOR ELEVATION  
SCALE: 3/8" = 1'-0" KITCHEN - 108

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PH: 985.649.5832

| # | DESCRIPTION | DATE |
|---|-------------|------|
|   |             |      |
|   |             |      |
|   |             |      |
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|   |             |      |
|   |             |      |
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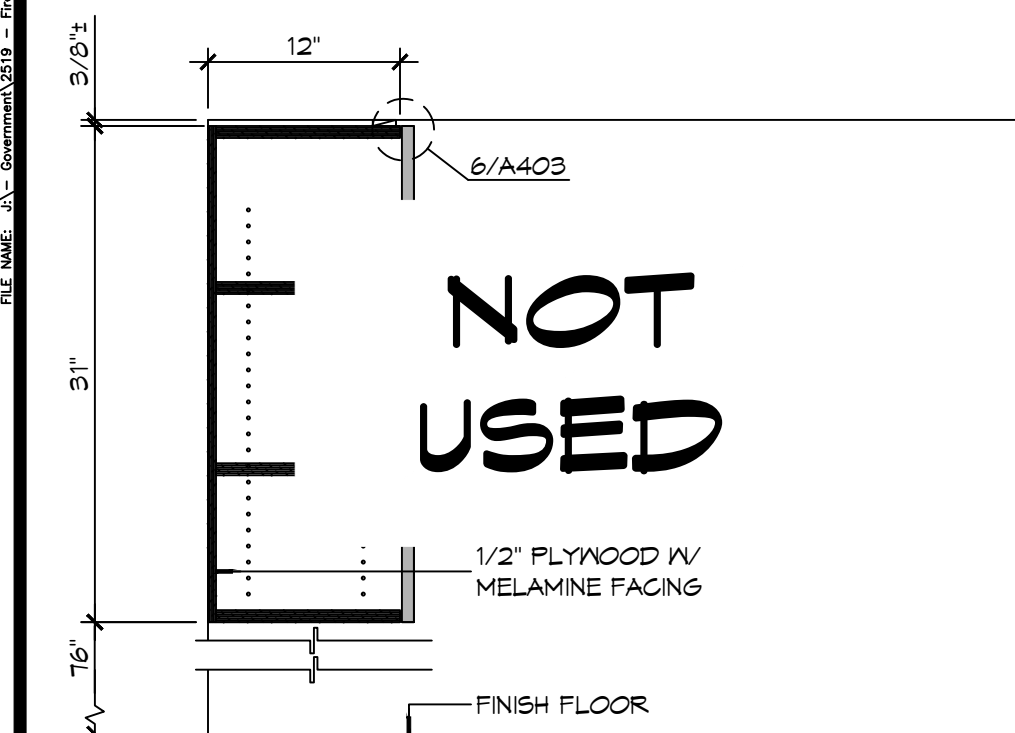
NEW FIRE STATION #10  
ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1  
2148 LAKESHORE VISTA BLVD  
SLIDELL, LA 70461  
JOB No: 2519 DATE: 12-05-2025  
DRAWN BY: CKD CHECKED BY: JMS

SHEET TITLE:  
INTERIOR ELEVATIONS

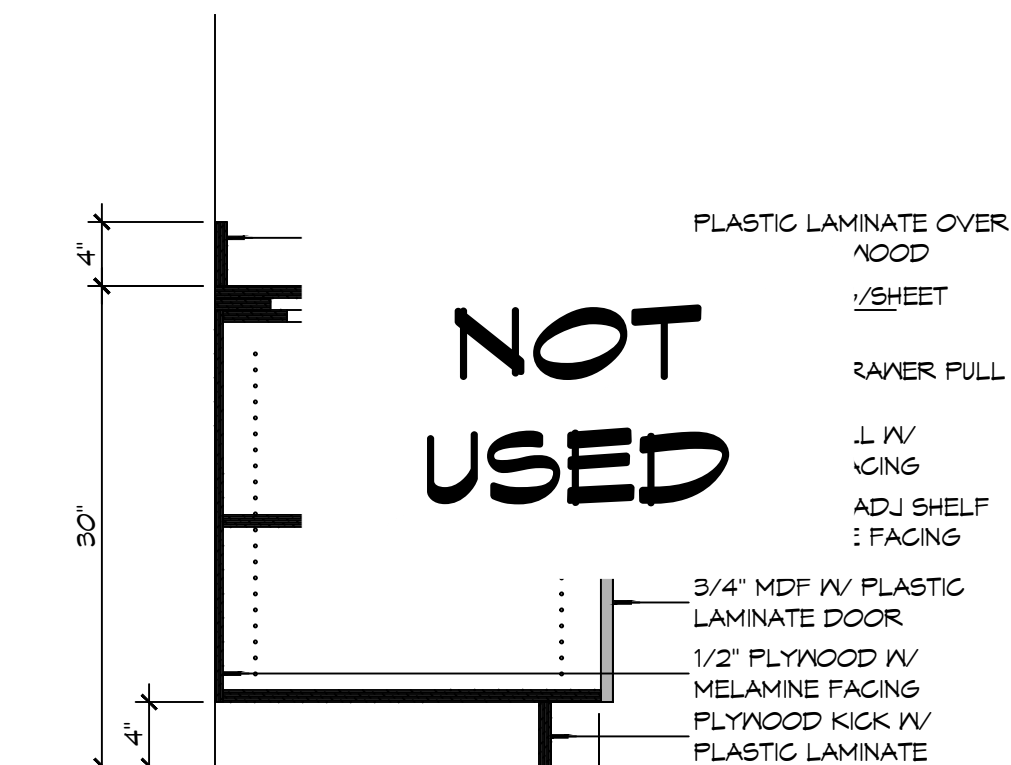
DRAWING NUMBER:

**A401**

SHEET No: 25 of 37



11 CASEWORK DET  
SCALE: 1" = 1'-0" GEAR ROOM



**12 CASEWORK DET**  
SCALE: 1" = 1'-0" DAY ROOM

[illegible]

SHEET TITLE:  
INTERIOR ELEVATIONS AND  
CASEWORK DETAILS

# A402



# 8 DETAIL

SCALE: 3" = 1'-0" TYPICAL MASONRY CONTROL JOINT



SCALE: 3" = 1'-0" TYPICAL BASE/LINER PANEL JUNCTION



SCALE: 1 1/2" = 1'-0" MASONRY SHELF ANGLE AT ROOF



SCALE: 3" = 1'-0" TYPICAL BASE/LINER PANEL JUNCTION



SCALE: 1 1/2" = 1'-0" MASONRY SHELF ANGLE AT ROOF



TYPICAL COLUMN/LINER PANEL JUNCTION



- ## PARTITION NOTES

1. THE "PARTITION TYPE TAGS", ILLUSTRATED ON SHEET G001, INDICATES THE ASSEMBLY OF THE GENERAL EXTENTS OF EACH PARTITION INDICATED BY THE TAG ON THE FLOOR PLANS.
2. WHERE RATED PARTITIONS ARE INDICATED, REFER TO THE REFERENCED ASSEMBLY DIRECTORY FOR THE COMPLETE EXTENT OF THE ASSEMBLY CITED.
3. SEE LIFE SAFETY PLAN FOR LOCATIONS OF RATED PARTITIONS.
4. CONTRACTOR SHALL REPORT TO THE ARCHITECT ANY CONFLICTS BETWEEN THE INDICATED FIRE RATING OF THE PARTITION AND THAT INDICATED ON THE LIFE SAFETY PLAN. DO NOT PROCEED WITH CONSTRUCTION OF PARTITION UNTIL CONFLICT HAS BEEN RESOLVED TO THE SATISFACTION OF THE ARCHITECT.
5. UL DESIGN NUMBERS REFER TO THE UNDERWRITERS LABORATORIES FIRE RESISTANCE DIRECTORY - LATEST EDITION.
6. ALL FIRE RATED ASSEMBLIES SHALL HAVE FIRESTOPS AT THE HEAD, SILL, THROUGH PENETRATIONS, OPENINGS, AND JUNCTURES WITH DISSIMILAR MATERIALS. SMOKE RESISTANT ASSEMBLIES SHALL BE SEALED AT SIMILAR CONDITIONS.
7. NON-RATED PARTITIONS SHALL HAVE SEALANTS AT THE HEAD, SILL, THROUGH PENETRATIONS, OPENINGS, AND JUNCTURES WITH DISSIMILAR MATERIALS.
8. EXTEND RATED PARTITIONS THROUGH THE INTERIOR FACE OF EXTERIOR WALL GYPSUM BOARD AND SEAL TO THE INSIDE FACE OF THE EXTERIOR WALL SHEATHING.
9. MAINTAIN THE FIRE-PROTECTION RATINGS FOR ALL OPENINGS AND PENETRATIONS IN RATED PARTITIONS.
10. REFER TO STRUCTURAL DRAWINGS FOR EXTENT AND DESCRIPTION OF INTERIOR STRUCTURAL WALLS NOT INDICATED AS SUCH ON FLOOR PLANS.
11. INSTALL BLOCKING OR BACKER MATERIAL FOR ATTACHMENT/MOUNTING FOR WALL HUNG ITEMS OR EQUIPMENT DESCRIBED IN DOCUMENTS.
12. UL AND SA (GYPSUM ASSOCIATION) TEST NUMBERS MAY VARY ON THE MANUFACTURER OR COMPONENTS ACTUALLY USED.
13. PROVIDE TYPE "X" GYPSUM BOARD UNLESS OTHERWISE NOTED.
14. PROVIDE WATER RESISTANT GYPSUM BOARD (MR&B) AT AREAS THAT ARE SCHEDULED TO RECEIVE CERAMIC TILE FINISH.
15. PROVIDE 5/8" GEMENTITOUS BACKER BOARD (CBB) AT SHOWER AREAS AND OTHER AREAS THAT ARE INDICATED TO RECEIVE TILE IN THE INTERIOR ELEVATIONS.
16. INSTALLATION OF GYPSUM BOARD, BACKER BOARD, AND BASE BOARD SHALL CONFORM TO THE REQUIREMENTS FOR FIRE RATINGS AND ACOUSTICAL RATINGS.
17. ROOMS WITH SOUND ATTENUATING BLANKETS (SAB) ARE IDENTIFIED IN THE PARTITION TYPE DESCRIPTION. EXTEND SAB THE FULL LENGTH AND HEIGHT OF ALL ROOM PERIMETER PARTITIONS TO PROVIDE A COMPLETE ROOM ENCLOSURE.
  - a. NOTE THAT 3-1/2" FIBERGLASS BATTS OR 2" MINERAL WOOL FIBER MAY BE SUBSTITUTED FOR SOUND ATTENUATING BLANKETS.
18. LINE OF "STRUCTURE" AS SHOWN AT PARTITION TYPE HEAD CONDITIONS IS DIAGRAMMATIC ONLY AND DOES NOT INDICATE EXACT CONSTRUCTION CONDITIONS. OFFSHOOT PARTITION CONSTRUCTION AS NECESSARY TO ATTEND WALL TO DECK ABOVE AND SEAL AS INDICATED.
19. WHERE PARTITIONS AND/OR FURRING MEET, MAINTAIN A FLUSH SURFACE ON THE SIDE WHERE THE FINISH IS STRAIGHT OR CONTINUOUS UNLESS NOTED OTHERWISE.
20. INDICATED STC RATING IS BASED UPON USG ACOUSTICAL ASSEMBLIES GUIDELINES.

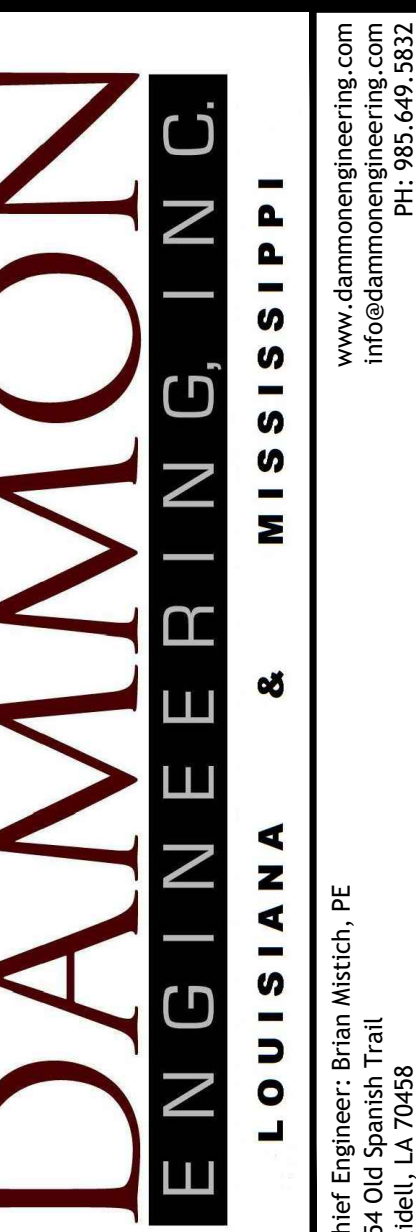
## STENCIL DETAIL

## 1 HR FIRE RATED WALL DO NOT PENETRATE

THE ABOVE WORDING SHALL BE LOCATED AT 10'-0" INTERVALS  
ABOVE CEILINGS ON FIRE PARTITIONS NO LESS THAN ONCE FOR EACH  
SPACE.

PROVIDE PAINTED STENCIL LETTERING IN RED PERMANENT PAINT ABOVE CEILING LINE INDICATING WALL RATINGS.

STATE FIRE RATING INDICATED ON LIFE SAFETY PLAN

[illegible]

NEW FIRE STATION #10  
ST. TAMMANY FIRE PROTECTION  
DISTRICT NO. 1

2745 LAKESHORE VISTA BLVD  
SUNBELT | 470461

JOB No:

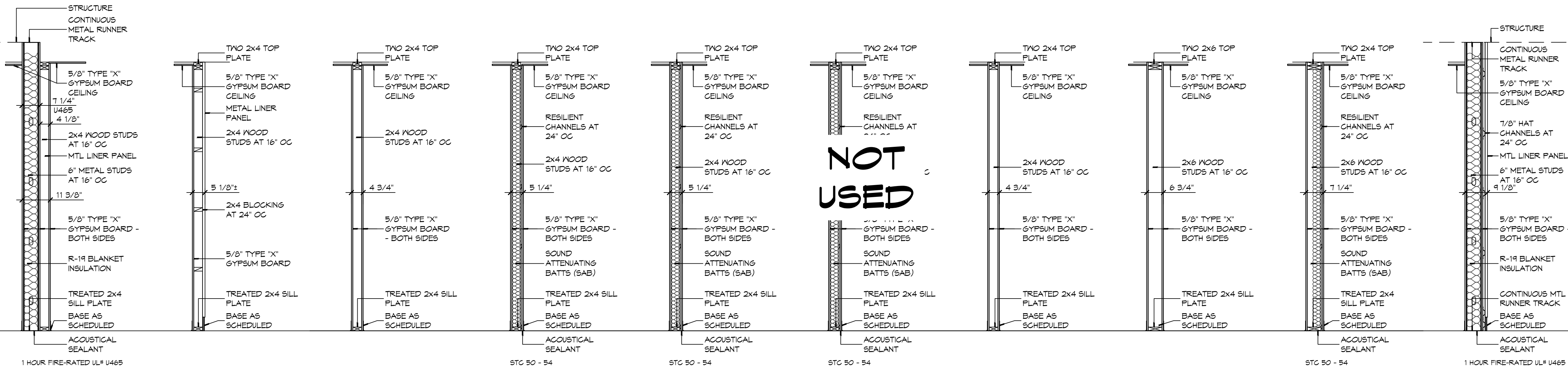
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SHEET TITLE:  
PARTITION TYPES,  
MISCELLANEOUS DETAILS

DRAWING NUMBER

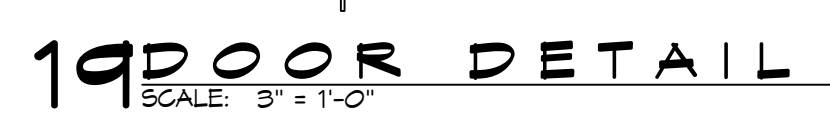
# A501

SHEET No: 27 of 37

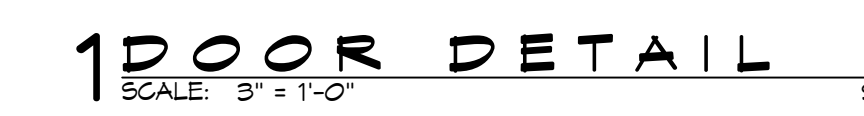
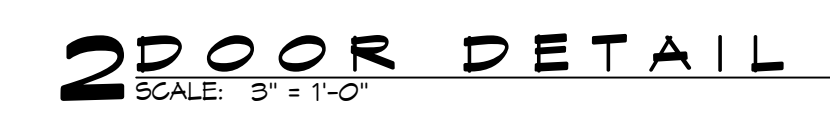
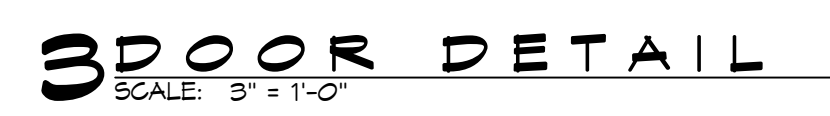
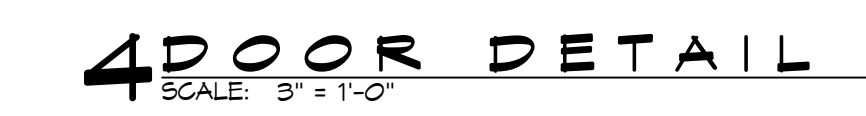
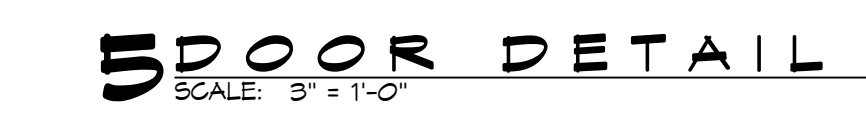
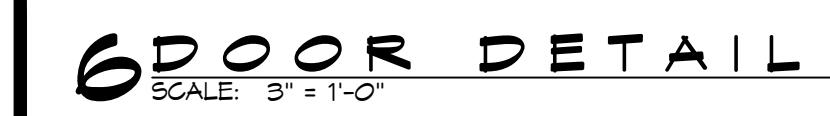
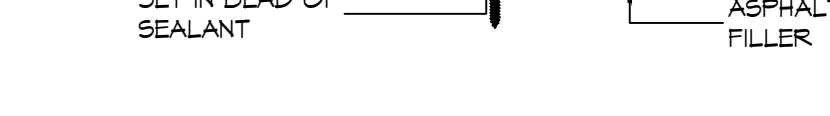
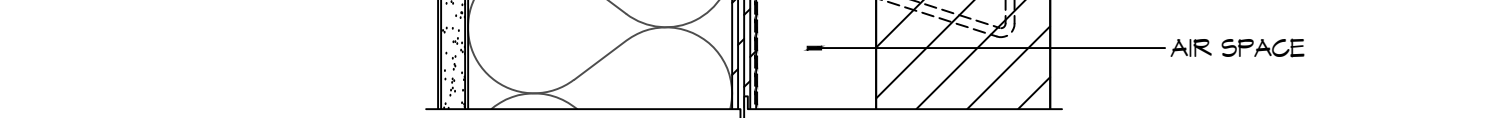
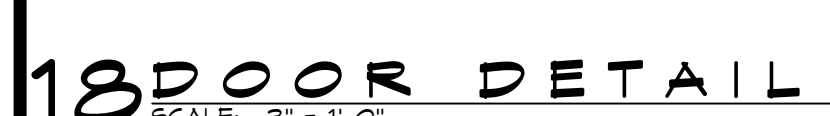


## 1 PARTITION TYPES

SCALE: 1/2" = 1'-0"



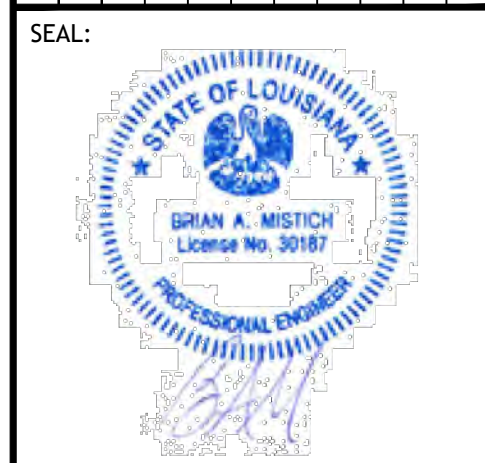
1. HOLLOW METAL FRAME DIMENSIONS INDICATED IN THE DETAILS ARE DOWNS. MANUFACTURER'S STANDARD WIDTH FRAME, WITH THROAT OPENING APPROPRIATE TO WALL TYPE MAY BE PROPOSED IN SHOP DRAWINGS, IF NO OTHER MODIFICATIONS OF THE DETAIL IS REQUIRED.
2. PROVIDE WOOD BLOCKING OR FLAT STRAP BEHIND GYPSUM BOARD IN WALL BEHIND DOORS SCHEDULED TO HAVE WALL MOUNTED DOOR PANELS. REFER TO HARDWARE SCHEDULE.
3. WALL THICKNESS' DIMENSIONS INDICATED MAY BE TYPICAL. REFER TO PARTITION TYPES FOR PARTITION THICKNESS WHERE OPENING IS LOCATED.
4. WHERE A DOOR IS LOCATED NEAR CORNER OF ROOM AND IT IS NOT LOCATED BY DIMENSION ON PLAN OR DETAILS, DIMENSION SHALL BE 4 INCHES FROM FINISH FACE OF WALL TO FRAME OPENING.
5. WHERE A DOOR IS LOCATED BY DIMENSION, THE DIMENSION IS TAKEN FROM THE CENTERLINE OF THE FRAME OPENING UNLESS NOTED OTHERWISE.
6. THRESHOLDS, WHEN REQUIRED, ARE TO BE NOTED IN THE DOOR HARDWARE SCHEDULE.
7. WHERE MORE THAN ONE WALL FINISH IS INDICATED REFER TO FINISH SCHEDULE FOR WALL FINISH ON A PARTICULAR SIDE OF WALL.



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SHEET TITLE:  
DOOR DETAILS

DRAWING NUMBER:  
**A502**

SHEET No: 28 of 37





1. PLUMBING LINES SHOWN ARE DRAWN DIAGRAMMATIC 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, SLOPED AND VENTED DRAINAGE INSULATION, WATER HEATERS, HANGERS, VALVES, SPOUTS 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.
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 B88 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 PIPING, TYPE L, HAND DRAWN WITH COPPER PRESOLDER TYPE 158-61-22. THE JOINTS SHALL BE SOLDERED USING ASTM B32, ALLOY GRADE 58A (75-5) SOLDER.
13. SOIL, WASTE, VENT PIPING AND FITTINGS ABOVE THE SLAB SHALL BE SERVICE HEIGHT CAST IRON PIPE WITH BELL AND SPIGOT ENDS AND ONE PIECE NEOPRENE INSERT TYPE GASKET. USE PVC SCHEDULE 40 OR ABS DRY PIPES AND FITTINGS WHEN 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-E1514).
16. SEE ROOF PLAN FOR PLUMBING PIPING PENETRATIONS. ROUTE VENT PIPES IN ATTIC AS NECESSARY.
17. SEE SHEET C103 FOR CONTINUATION OF UTILITIES FROM POINT APPROXIMATELY FIVE FEET OUTSIDE OF BUILDING PERIMETER.
18. ALL VENTS THROUGH ROOF (VTR) SHALL BE LOCATED A MINIMUM OF 10'-0" FROM ANY MECHANICAL OR NATURAL AIR INTAKE.
19. ALL UTILITY LINES IN THE BUILDING AREA SHOULD BE HUNG FROM THE SLAB. FLEXIBLE CONNECTIONS MUST BE PROVIDED TO ACCOMMODATE A SETTLEMENT OF SETTLEMENT WHERE THE LINES EXTEND FROM FLE SUPPORTED TO NON-FLE SUPPORTED AREAS. HANGERS AND CONNECTIONS USED SHOULD BE MADE OF STAINLESS STEEL, MEETING THE APPLICABLE BUILDING CODE.

DRAWN DIAGRAMMATICALLY FOR CLARITY. FIELD VERIFY PLACEMENT OF ALL EQUIPMENT PRIOR TO FABRICATION.

**DAMMON**  
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[illegible]

NEW FIRE STATION #10  
ST. TAMMANY FIRE PROTECTION  
DISTRICT No. 1

2745 LAKESHORE VISTA BLVD

|        |      |       |            |
|--------|------|-------|------------|
| OB No: | 2519 | DATE: | 12-03-2025 |
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|           |     |             |     |
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| DRAWN BY: | CKD | CHECKED BY: | BAM |
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SHEET TITLE:  
PLUMBING PLAN - SEWER  
AND WASTE, AND MISC  
PLUMBING DETAILS

DRAWING NUMBER

P101

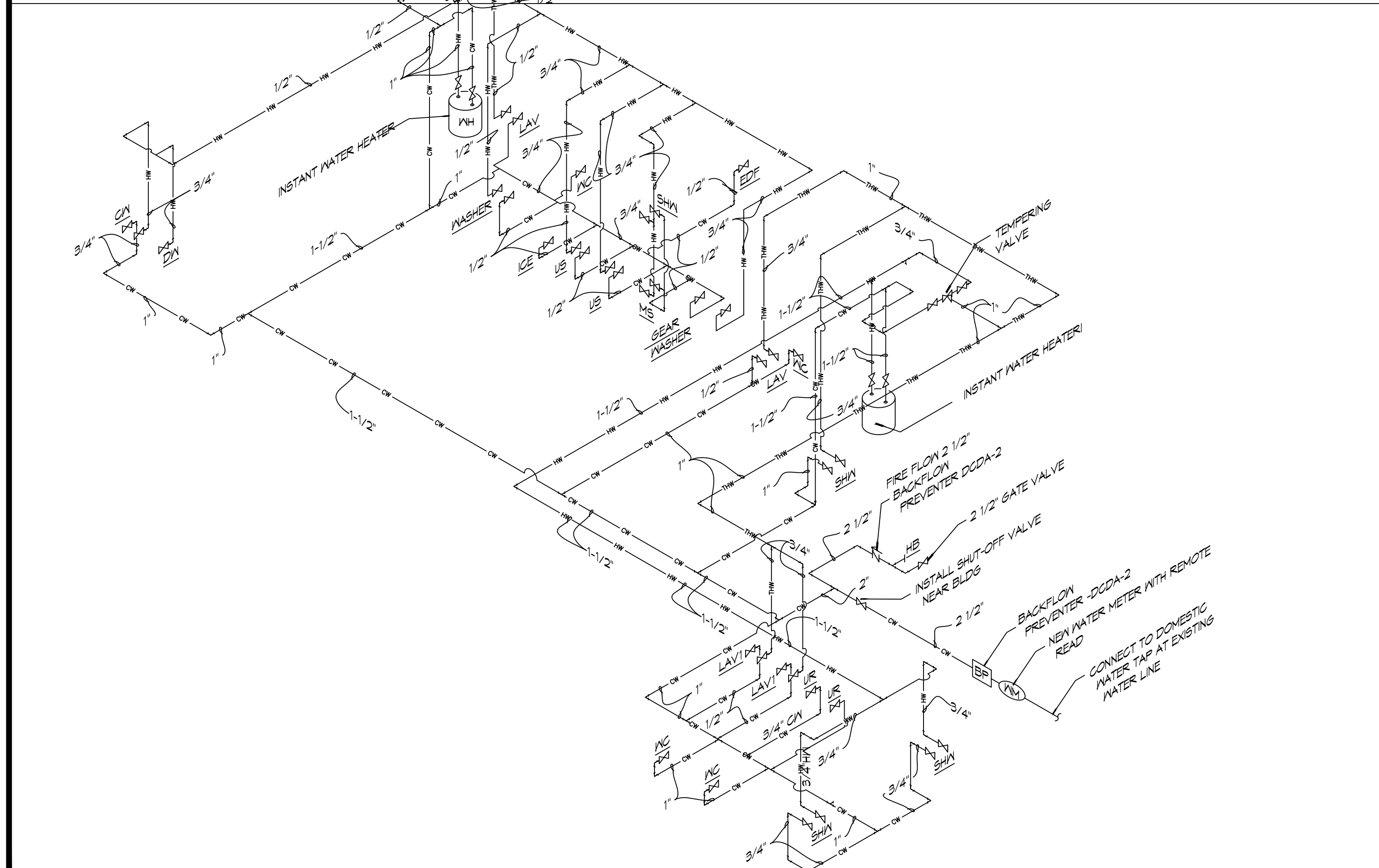
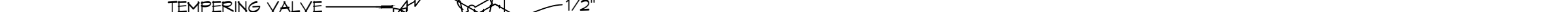
SHEET No: 30 of 3



| PLUMBING FIXTURE SCHEDULE |                         |               |               |        |        |      |                                                                                                                                                                                                                                                                 |         |
|---------------------------|-------------------------|---------------|---------------|--------|--------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| MK                        | DESCRIPTION             | TYPE          | ROUGH-IN SIZE |        |        |      | BASIS OF DESIGN                                                                                                                                                                                                                                                 | NOTES   |
|                           |                         |               | WASTE         | VENT   | CW     | HW   |                                                                                                                                                                                                                                                                 |         |
| WC1                       | HC WATER CLOSET         | VALVE         | 4"            | 2"     | 1"     | -    | SLOAN ELONGATED FLOOR MOUNTED ADA WATER CLOSET ST-2029, SLOAN ELECTRONIC FLUSH, IV,ELONGATED WHITE SEAT                                                                                                                                                         | 3,4     |
| WC2                       | WATER CLOSET            | VALVE         | 4"            | 2"     | 1"     | -    | SLOAN ELONGATED FLOOR MOUNTED ADA WATER CLOSET ST-2029, SLOAN ELECTRONIC FLUSH, IV,ELONGATED WHITE SEAT                                                                                                                                                         | 4       |
| UR                        | URINAL                  | WALL HUNG     | 2"            | 2"     | 1/2"   | -    | SLOAN WASHDOWN URINAL SU-1009 SLOAN ELECTRONIC FLUSH                                                                                                                                                                                                            |         |
| LAV1                      | HC LAVATORY             | WALL HUNG     | 2"            | 2"     | 1/2"   | 1/2" | SLOAN BATHROOM SINK: SS-3103 SLOAN DOUBLE BLADE FAUCET                                                                                                                                                                                                          | 2,3,4   |
| LAV2                      | LAVATORY                | COUNTER       | 2"            | 2"     | 1/2"   | 1/2" | EMMA WASH BASIN 4-520 MOEN DOUBLE BLADE FAUCET 8215                                                                                                                                                                                                             | 1,2,3,4 |
| FD                        | FLOOR DRAIN             | -             | 2"            | 2"     | -      | -    | JAY R. SMITH 2010-B-P, COATED CAST IRON W/ADJUSTABLE NICKEL BRONZE GRATE, TRAP PRIMER CONNECTION & DEEP SEAL TRAP.                                                                                                                                              | 4       |
| US                        | UTILITY SINK            | FLOOR         | 2"            | 2"     | 3/4"   | 3/4" | FIAT FL-1 FLOOR MOUNTED LAUNDRY SINK WITH DELTA LF 2HDL FAUCET                                                                                                                                                                                                  | 4       |
| MS                        | MOP SINK                | FLOOR         | 2"            | 2"     | 3/4"   | 3/4" | FIAT TSBG1811 MOP SINK WITH CHICAGO 89T-RGF FAUCET, DELTA FAUCET MULTI-CHOICE VALVE BODY R10000-IPMS; DELTA FAUCET MULTI-CHOICE PRESSURE BALANCE SHOWER VALVE T13H153 AND T13H162                                                                               | 4       |
| SINK                      | SINGLE KITCHEN SINK     | UNDER COUNTER | 2"            | 2"     | 3/4"   | 3/4" | KRAUS 32" UNDERMOUNT SINGLE BOWL KHU100-32 KOHLER THREE FUNCTION SPRAYHEAD K-29106                                                                                                                                                                              | 4       |
| DISP                      | GARBAGE DISPOSAL        | UNDER COUNTER | 2"            | 2"     | -      | -    | INSINKERATOR LG-50                                                                                                                                                                                                                                              | 4       |
| DW                        | DISHWASHER              | UNDER COUNTER |               |        |        | 1/2" | OFGL                                                                                                                                                                                                                                                            | 5       |
| SHWR                      | SHOWER                  | -             | 3"            | 2"     | 1/2"   | 1/2" | 36"x36" AQUATIC SHOWER W/GLASS DOOR, 1363BF-SC WITH DELTA FAUCET MULTI-CHOICE VALVE BODY R10000-IPMS; DELTA FAUCET MULTI-CHOICE PRESSURE BALANCE SHOWER VALVE T13H153 AND T13H162; AND JONES STEPHENS CORP. NO CAULK SHOWER STALL DRAIN AND SS STRAINER D40140. | 4       |
| WH1                       | WATER HEATER            | GAS           | -             | 3"     | 3/4"   | 3/4" | RINNAI 199I INSTANT NONCONDENSING WATER HEATER                                                                                                                                                                                                                  | 4       |
| N/A                       |                         |               | -             | -      |        |      |                                                                                                                                                                                                                                                                 |         |
| EDF                       | ELEC DRINKING FOUNTAIN  | WALL HUNG     | 1-1/2"        | 1"     | 1/2"   | -    | ELKAY DRINKING FOUNTAIN WITH BOTTLE FILLER: ON-WALL, REFRIGERATED, 39 1/2 IN HT, 6GRAY, FILTERED                                                                                                                                                                | 4       |
| ICE                       | ICE MACHINE             | FLOOR MOUNT   | 2"            | 2"     | 1/2"   | -    | OFGL                                                                                                                                                                                                                                                            | 5       |
| WASH                      | LAUNDRY WASHING MACHINE | FLOOR MOUNT   | 2"            | 1-1/2" | 3/4"   | 3/4" | OFGL                                                                                                                                                                                                                                                            | 5       |
| DRYER                     | GAS CLOTHES DRYER       | FLOOR MOUNT   | -             | -      | -      | -    | OFGL                                                                                                                                                                                                                                                            | 5       |
| HB                        | FREEZE PROOF HOSE BIBB  | WALL          | -             | -      | 1/2"   | -    | ZURN Z1341-BFP WALL FAUCET W/ BACKFLOW PREVENTER                                                                                                                                                                                                                | 4       |
| FCO                       | FLOOR CLEAN-OUT         | -             | -             | -      | -      | -    | MADE W-6004-Y, CAST IRON W/ADJUSTABLE HOUSING, ROUND HEAVY CAST IRON VANDAL PROOF TOP. (ALTERNATE JOSAM NO. 58014-15)                                                                                                                                           | 4       |
| WCO                       | WALL CLEAN-OUT          | -             | -             | -      | -      | -    | MADE #W-8453-R6, WITH BRASS PLUG AND ROUND STAINLESS STEEL SECURED ACCESS COVER.                                                                                                                                                                                | 4       |
| CB                        | CATCH BASIN             | -             | SEE DWG       |        |        |      | NOT USED                                                                                                                                                                                                                                                        | 4       |
| ONS                       | OIL WATER SEPARATOR     | -             | -             | -      | -      | -    | 50 GAL OIL WATER SEPARATOR                                                                                                                                                                                                                                      | 4       |
| LS                        | NOT USED                | -             | -             | -      | -      | -    | NOT USED                                                                                                                                                                                                                                                        | 4       |
| DCDA-1                    | NOT USED                | -             | -             | -      | 2"     | -    | NOT USED                                                                                                                                                                                                                                                        | 4       |
| DCDA-2                    | CHECK VALVE             | -             | -             | -      | 2-1-2" | -    | ZURN DOUBLE CHECK DETECTOR ASSEMBLY MODEL 350DA                                                                                                                                                                                                                 | 4       |
| ABH                       | APPARATUS BAY HEATER    | WALL          | -             | -      | -      | -    | SUPPLIED UNDER MECHANICAL CONTRACT STERLING MODEL TF 125                                                                                                                                                                                                        | 4       |
| AHU                       | AIR HANDLING UNIT       | -             | 2"            | 2"     | -      | -    | SUPPLIED UNDER MECHANICAL CONTRACT                                                                                                                                                                                                                              |         |
| EYE                       | EYEWASH STATION         | FLOOR MOUNT   | 3"            | 2"     | 3/4"   | 3/4" | GUARDIAN 61825 EYEWASH                                                                                                                                                                                                                                          |         |

**NOTES:**

1. HOT WATER AND DRAIN PIPES UNDER LAVATORIES SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES.
2. PROVIDE CHAIR CARRIER FOR ALL WALL-MOUNTED PLUMBING FIXTURES.
3. INSTALL A CONTINUOUS DRIP VALVE ON ALL FLOOR DRAINS.
4. PROVIDE FIXTURE AS DESIGNED OR PRIOR APPROVED EQUAL.
5. OWNER FURNISHED AND CONTRACTOR INSTALLED (OFCI)



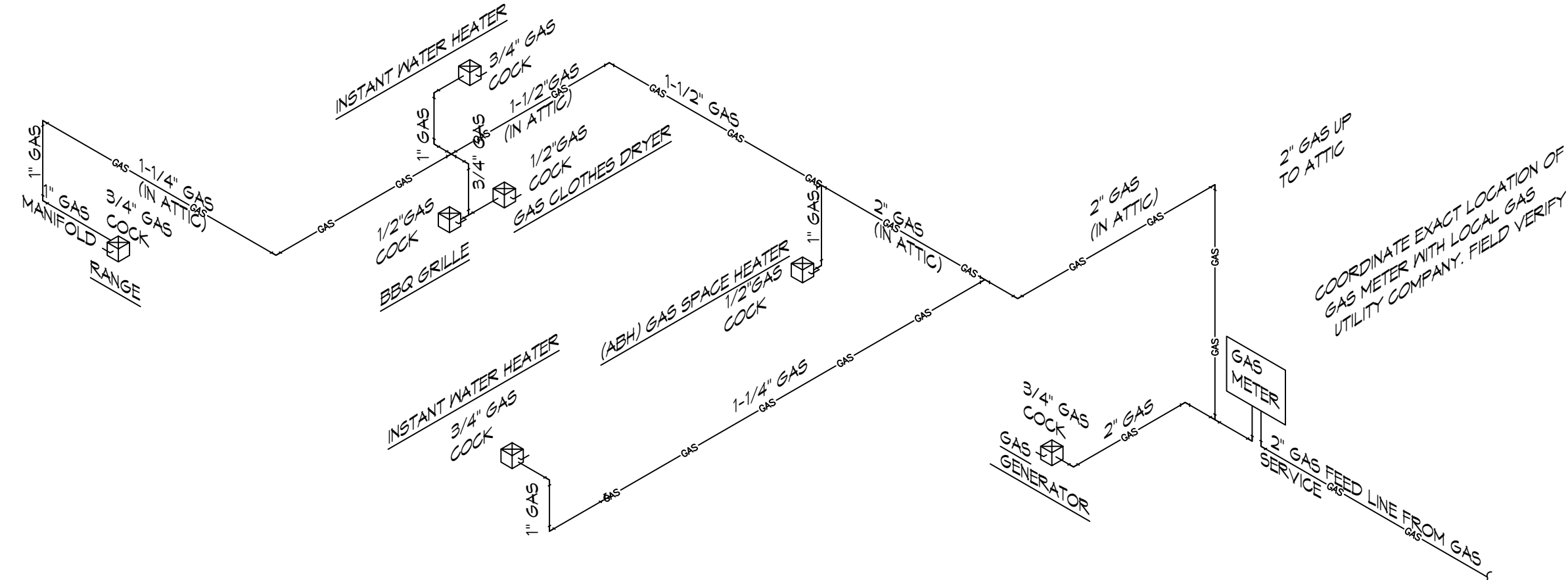
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PLUMBING WATER SUPPLY

# RISER NOTES

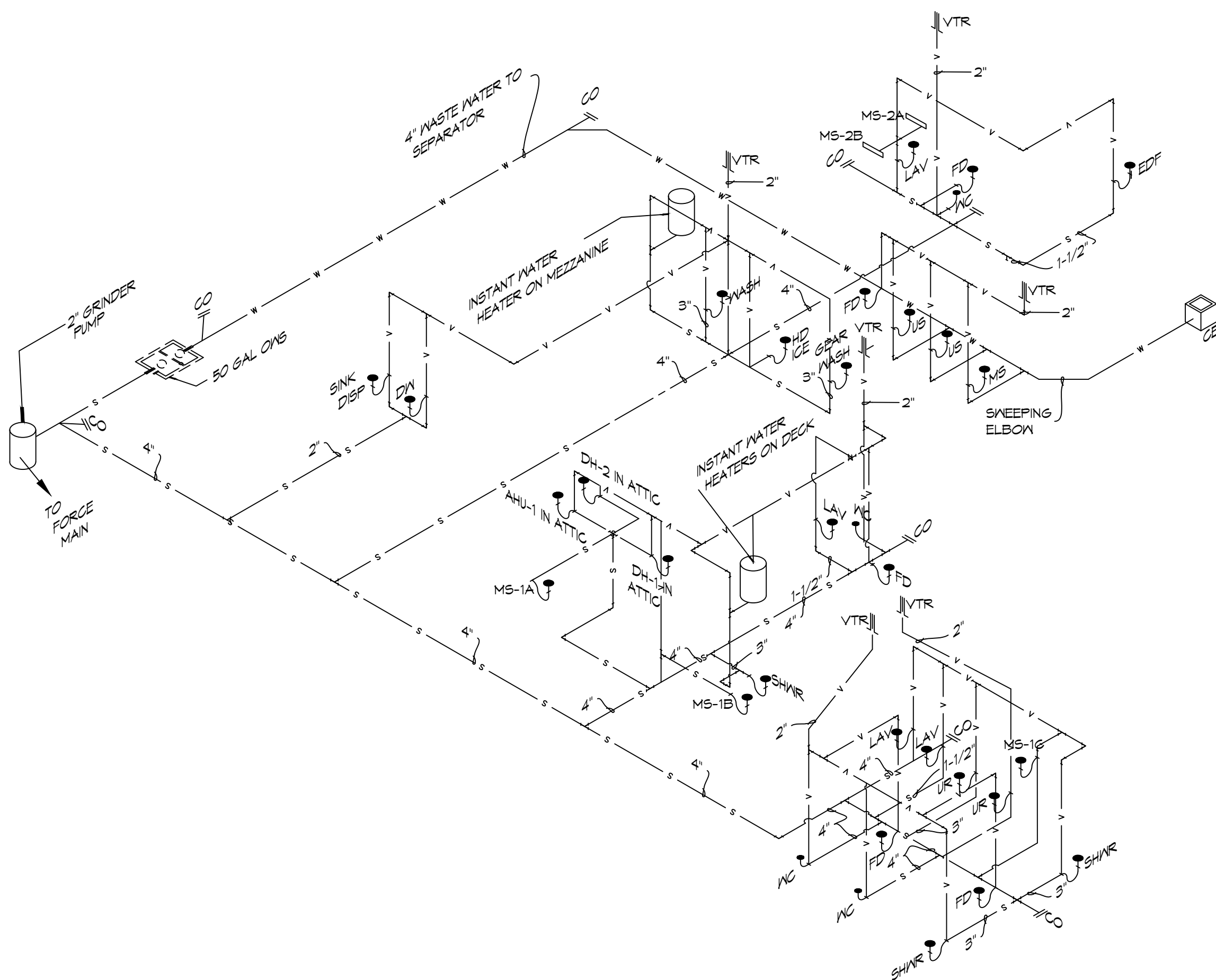
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3. ALL ELECTRICAL, MECHANICAL AND PLUMBING ELEMENTS PENETRATING FIRE PARTITIONS SHALL BE FIRE CAULKED. ALL WALLS AND (PENETRATIONS THROUGH RATED CONSTRUCTION SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM-E814.)
4. SEE SHEET P101 FOR GENERAL PLUMBING NOTES.
5. SEE ROOF PLAN FOR INTENDED LOCATIONS OF ALL ROOF PENETRATIONS.
6. SEE CIVIL DRAWINGS FOR SITE DRAINAGE CATCH BASIN LOCATIONS.

|                                                                                                                                                                                              |                                                                                                                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>CONTACT FOR ATMOS ENERGY</u><br>Kathleen A DuFour<br>Account Representative<br>Atmos Energy Corporation<br>Louisiana Division<br>985-373-4111 Cell<br><br>kathleen.dufour@atmosenergy.com | <u>CONTACT FOR MAGNOLIA WATER</u><br>Steve Ernst<br>Director, Louisiana Regulatory Relations<br>Email: <a href="mailto:sernst@csurgroup.com">sernst@csurgroup.com</a><br>M:(985) 640-1355 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



# BRISER DIAGRAM

GAS



# 1 RISER DIAGRAM

PLUMBING SEWER AND WASTE-WATER

**DAMMON**  
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**LOUISIANA & MISSISSIPPI**

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PH: 985.649.5832

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**NEW FIRE STATION #10  
ST. TAMMANY FIRE PROTECTION  
DISTRICT No. 1**

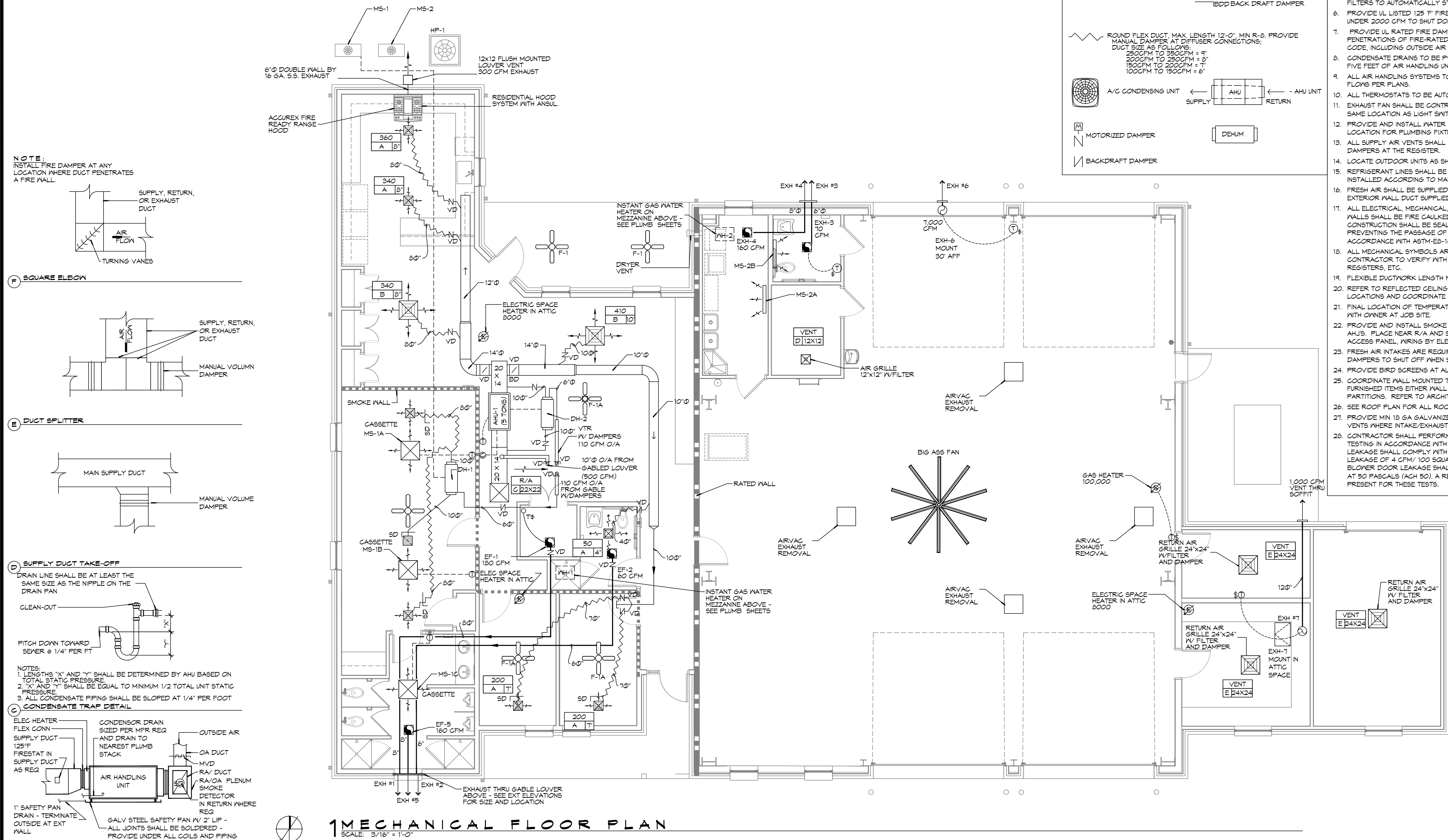
2745 LAKESHORE VISTA BLVD

SHEET TITLE:  
PLUMBING AND GAS RISER  
DIAGRAMS

DRAWING NUMBER:

**P103**

SHEET No: 32 of 37

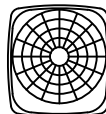
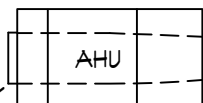


## 2 DETAILS

|   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|

## LEGEND

-  ELECTRIC SPACE HEATER  
 - SEE HEATER SCHEDULE  
 GAS SPACE HEATER  
 - SEE HEATER SCHEDULE  

-  SUPPLY AIR GRILLE  
 RETURN AIR GRILLE  
 EXHAUST FAN/LIGHT  
 - SEE SCHEDULE FOR  
 HEATER OPTION
-  EXHAUST FAN ONLY  
 OUTSIDE AIR INTAKE DUCT IV  
 VOLUME DAMPER AND  
 NOTICED OR ANVITY  
 DAMPER TO SHUT OFF WHEN  
 SYSTEM IS NOT RUNNING  
 THERMOSTAT  
 LINE VOLTAGE THERMOSTAT  
 (PROVIDED BY NG)
-  FD FIRE DAMPER  
 SD SMOKE DAMPER  
 VD SMOKE DAMPER  
 ISFD SMOKE & FIRE DAMPER  
 IBDD BACK DRAFT DAMPER
-  ROUND FLEX DUCT, MAX. LENGTH 12'-0", MIN. R-8. PROVIDE  
 MANUFA. DAMPER AT DIFFUSER CONNECTIONS;  
 DUCT SIZE AS FOLLOWS:  
 250CFM TO 350CFM = 9"  
 200CFM TO 350CFM = 8"  
 150CFM TO 250CFM = 7"  
 100CFM TO 150CFM = 6"
-  A/C CONDENSING UNIT  
 AHU UNIT  
 SUPPLY ← AHU UNIT ← RETURN
-  MOTORIZED DAMPER  
 BACKDRAFT DAMPER

# GENERAL HVAC NOTES

1. CONCEALED DUCTWORK TO BE GALVANIZED SHEET METAL LINED WITH FIBROUS GLASS DUCT LINER, MIN R-6. INSTALLED PER SMACNA STANDARDS.
2. EXPOSED DUCTWORK TO BE GALVANIZED SHEET METAL LINED WITH FIBROUS GLASS DUCT LINER, MIN R-8. INSTALLED PER SMACNA STANDARDS.
3. ROUND FLEXIBLE DUCT TO BE UL-181, CLASS 1, AIR DUCT MATERIALS.
4. DUCT SIZES SHOWN ARE CLEAR INSIDE DIMENSIONS.
5. 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.
6. PROVIDE UL LISTED 125 °F FIRESTAT IN RETURN AIR OF EACH SYSTEM UNDER 2000 CFM TO SHUT DOWN THE FAN IN THE EVENT OF FIRE.
7. 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.
8. CONDENSATE DRAINS TO BE PVC PIPE RUN TO PLUMBERS P-TRAP WITHIN FIVE FEET OF AIR HANDLING UNITS.
9. ALL AIR HANDLING SYSTEMS TO BE BALANCED TO ASSURE PROPER AIR FLOWS PER PLANS.
10. ALL THERMOSTATS TO BE AUTOMATIC CHANGEOVER WITH HEAT SWITCH.
11. EXHAUST FAN SHALL BE CONTROLLED BY A SWITCH ON THE WALL IN THE SAME LOCATION AS LIGHT SWITCH(S). PROVIDE BACK DRAFT DAMPER.
12. PROVIDE AND INSTALL WATER PROOF GRILLE VENT IN PROPER ROOF LOCATION FOR PLUMBING FIXTURE EXHAUST.
13. ALL SUPPLY AIR VENTS SHALL BE EQUIPPED WITH AIR CONTROL DAMPERS AT THE REGISTER.
14. LOCATE OUTDOOR UNITS AS SHOWN ON ARCHITECTURAL DRAWINGS.
15. REFRIGERANT LINES SHALL BE SIZED BY UNIT MANUFACTURER AND INSTALLED ACCORDING TO MANUFACTURER'S INSTRUCTIONS.
16. FRESH AIR SHALL BE SUPPLIED TO EACH AIR HANDLER THROUGH EXTERIOR WALL DUCT SUPPLIED WITH A CONTROL DAMPER.
17. 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-E84-14).
18. ALL MECHANICAL SYMBOLS ARE DRAWN DIAGRAMMATICALLY, CONTRACTOR TO VERIFY WITH OWNER LOCATIONS OF VENTS, DAMPERS, REGISTERS, ETC.
19. FLEXIBLE DUCTWORK LENGTH NOT TO EXCEED 12'-0".
20. REFER TO REFLECTED CEILING PLAN FOR FINAL GRILLE AND DIFFUSER LOCATIONS AND COORDINATE AS REQUIRED.
21. FINAL LOCATION OF TEMPERATURE CONTROLS TO BE COORDINATED WITH OWNER AT JOB SITE.
22. PROVIDE AND INSTALL SMOKE DETECTORS AS APPROVED BY LOCAL A.H.J.'S. PLACE NEAR R/A AND S/A OPENINGS OF AHU AND PROVIDE, WITH ACCESS PANEL, WIRING BY ELECTRICAL CONTRACTOR.
23. FRESH AIR INTAKES ARE REQUIRED TO HAVE MOTORIZED OR GRAVITY DAMPERS TO SHUT OFF WHEN SYSTEM IS NOT RUNNING.
24. PROVIDE BIRD SCREENS AT ALL EXTERIOR MECHANICAL PENETRATIONS.
25. COORDINATE WALL MOUNTED THERMOSTAT LOCATIONS WITH ALL OWNER FURNISHED ITEMS EITHER WALL MOUNTED OR FLOOR MOUNTED AGAINST PARTITIONS. REFER TO ARCHITECTURAL DRAWINGS.
26. SEE ROOF PLAN FOR ALL ROOF PENETRATIONS.
27. PROVIDE MIN 16 GA GALVANIZED SHEET METAL TO BLANK-OFF GABLE VENTS WHERE INTAKE/EXHAUST DUCTS OCCUR.
28. CONTRACTOR SHALL PERFORM BLOWER DOOR AND AIR DUCT LEAKAGE TESTING IN ACCORDANCE WITH ANSI/RESNET/ICC 380 - 2022. DUCT LEAKAGE SHALL COMPLY WITH 2021 ICC STANDARDS WITH A MAXIMUM LEAKAGE OF 4 CFM/100 SQUARE FEET OF CONDITIONED AREA. BLOWER DOOR LEAKAGE SHALL NOT EXCEED 5 AIR CHANGES PER HOUR AT 50 PASCALS (ACH 50). A REPRESENTATIVE FROM FD-1 WILL BE PRESENT FOR THESE TESTS.

DRAWN DIAGRAMMATICALLY FOR CLARITY.  
FIELD VERIFY PLACEMENT OF ALL  
EQUIPMENT PRIOR TO FABRICATION.

THIS WORK SHALL MEET  
ALL HVAC CODES

1. 2021 EDITION OF THE IMC
2. 2021 IECC ENERGY CODE

BLOWER DOOR TEST AND DUCK LEAK TEST SHALL BE PERFORMED BY THE CONTRACTOR. A REPRESENTATIVE FROM THE FD1 SHALL BE PRESENT FOR THESE TEST.

**DAMMON**  
ENGINEERING, INC.

Chief Engineer: Brian Mistich, PE  
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Siddell, IL 60458  
www.dammonengineering.com  
info@dammonengineering.com  
PH- 985 649 5832

[illegible]

NEW FIRE STATION #10  
ST. TAMMANY FIRE PROTECTION  
DISTRICT No. 1

2745 LAKESHORE VISTA BLVD

|                   |         |      |       |            |
|-------------------|---------|------|-------|------------|
| SLIDELL, LA 70461 | JOB No: | 7519 | DATE: | 12-03-2025 |
|-------------------|---------|------|-------|------------|

|           |             |
|-----------|-------------|
| COB NO.   | DATE.       |
| DRAWN BY. | CHECKED BY. |
|           |             |

SHEET TITLE:  
HVAC FLOOR PLAN,  
DETAILS, AND SCHEDULES

DRAWING NUMBER:

# M101

FILE NAME: A:\-Dammmon\310 - Fire Station #10\Drawings\HVAC\Schedules & Details.dwg, PLOT DATE: 12-05-2025, PLOT TIME: 12:05:00, PLOT BY: Brian A. Mistich, PE

| MIN-SPLIT SCHEDULE |                                                                                    |            |               |               |       |    |           |            |            |               |       |    |      |         |
|--------------------|------------------------------------------------------------------------------------|------------|---------------|---------------|-------|----|-----------|------------|------------|---------------|-------|----|------|---------|
| AIR HANDLER        |                                                                                    |            |               |               |       |    | HEAT PUMP |            |            |               |       |    |      |         |
| Tag                | Make                                                                               | Model      | Cooling (MBH) | Heating (MBH) | Power |    | Tag       | Make/Model | Model      | Cooling (MBH) | Power |    | MCA  | Remarks |
|                    |                                                                                    |            |               |               | VAC   | PH |           |            |            |               | VAC   | PH |      |         |
| MS-1A              | Mitsubishi                                                                         | SLZ-AF09NL | 9             | 11            | 208   | 1  | MS-1      | Mitsubishi | MXZ-3D24NL | 24            | 208   | 1  | 28.7 | 1, 2    |
| MS-1B              | Mitsubishi                                                                         | SLZ-AF09NL | 9             | 11            | 208   | 1  |           |            |            |               |       |    |      |         |
| MS-1C              | Mitsubishi                                                                         | SLZ-AF09NL | 9             | 11            | 208   | 1  |           |            |            |               |       |    |      |         |
| MS-2A              | Mitsubishi                                                                         | MSZ-GX09NL | 9             | 9.0           | 208   | 1  | MS-2      | Mitsubishi | MXZ-2D20NL | 22            | 208   | 1  | 21.7 | 1, 3    |
| MS-2B              | Mitsubishi                                                                         | MSZ-GX09NL | 9             | 9.0           | 208   | 1  |           |            |            |               |       |    |      |         |
| NOTES:             |                                                                                    |            |               |               |       |    |           |            |            |               |       |    |      |         |
| 1                  | Install per Manufacturer's recommendations                                         |            |               |               |       |    |           |            |            |               |       |    |      |         |
| 2                  | Furnish with wired MA wall mount contrioller, matching grille and condensate pump. |            |               |               |       |    |           |            |            |               |       |    |      |         |
| 3                  | Furnish with MHK-2 wireless controller and condensate pump.                        |            |               |               |       |    |           |            |            |               |       |    |      |         |

| DX SPLIT SYSTEM SCHEDULE |                                                                                                                                                        |            |              |           |         |         |     |          |            |            |       |           |     |      |              |       |          |       |    |     |         |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------------|-----------|---------|---------|-----|----------|------------|------------|-------|-----------|-----|------|--------------|-------|----------|-------|----|-----|---------|
| AIR HANDLER              |                                                                                                                                                        |            |              |           |         |         |     |          |            |            |       | HEAT PUMP |     |      |              |       |          |       |    |     |         |
| TAG                      | MAKE                                                                                                                                                   | MODEL      | NOMINAL TONS | TOTAL CFM | O/A CFM | COOLING |     | Motor HP | ESP (" WC) | HEAT ( Kw) | POWER |           |     | TAG  | NOMINAL TONS | MAKE  | MODEL    | POWER |    |     | REMARKS |
|                          |                                                                                                                                                        |            |              |           |         | TMBH    | SBH |          |            |            | VAC   | PH        | MCA |      |              |       |          | VAC   | PH | MCA |         |
| AHU-1                    | Trane                                                                                                                                                  | 5TAMXB0C60 | 5            | 1900      | 500     | 60      | 40  | 1        | 0.3        | 7.2        | 208   | 1         | 34  | HP-1 | 5            | Trane | 5TWV0X60 | 208   | 1  | 37  | 1, 2    |
| NOTES:                   |                                                                                                                                                        |            |              |           |         |         |     |          |            |            |       |           |     |      |              |       |          |       |    |     |         |
| 1                        | Provide inlet filter box, single point power connection, expansion valve, time delay relay, condensate overflow switch & programmable 7/24 thermostat. |            |              |           |         |         |     |          |            |            |       |           |     |      |              |       |          |       |    |     |         |
| 2                        | Cooling capacities to be rated in accordance with AHRI standard 210/290 for ASHRAE standard design weather conditions in New Orleans, LA.              |            |              |           |         |         |     |          |            |            |       |           |     |      |              |       |          |       |    |     |         |

| Exhaust Fan Schedule |                  |               |      |       |       |    |              |                       |         |
|----------------------|------------------|---------------|------|-------|-------|----|--------------|-----------------------|---------|
| Tag                  | Fan              |               |      | Power |       |    | Make / Model | Remarks               |         |
|                      | Airflow<br>(CFM) | TSP<br>(" wc) | Amps | Watts | Volts | Hz |              |                       |         |
| EF-1                 | 180              | 0.3           |      | 100   | 120   | 1  | 60           | Loren Cook GN-542     | 1, 2    |
| EF-2                 | 50               | 0.2           | 0.4  |       | 120   | 1  | 60           | Broan AE80SL          | 1,2     |
| EF-3                 | 70               | 0.2           | 0.4  |       | 120   | 1  | 60           | Broan AE80SL          | 1,2     |
| EF-4                 | 160              | 0.2           | 1.5  |       | 120   | 1  | 60           | Broan 503             | 1,2     |
| EF-5                 | 160              | 0.3           |      |       | 120   | 1  | 60           | Broan 503             | 1, 2    |
| EF-6                 | 7000             | 0.1           | 20   |       | 120   | 1  | 60           | Greenheck AER-20      | 1, 2, 3 |
| EF-7                 | 1000             | 0.2           |      | 190   | 120   | 1  | 60           | Greenheck CSP-A1050QD | 1, 2    |

1. Install per Manufacturer's recommendations.
2. Furnish with matching grille, speed control and backdraft damper.
3. Aluminum construction w/ weatherhood and motorized damner

| DESCRIPTION                                                   | QUANTITY |
|---------------------------------------------------------------|----------|
| AIRVAC 911® EXHAUST REMOVAL SYSTEM - Single Ph. 115V          | 4        |
| AIRVAC 911® FILTER PACK (4-Stage Filter Pack, "Main Filters") | 4        |
| AIRVAC 911® FILTER GAUGE (Min. one per building section)      | 1        |
| UL 508A CERTIFIED CONTROL PANEL - AVEC-4C                     | 1        |
| ACTIVATION PACKAGE - E-960-D90Q PHOTO EYE (set) &             | 2        |
| N505AUTM/STX01 (2") TRACK MOUNTED DOOR SWITCH                 | 4        |
| PREFILTERS (12 Per Box/Change date est. indicated below)      | 1        |

- NOTE:
1. ALL FANS INSTALLED IN RATED ASSEMBLIES SHALL BE EQUIPPED W/ APPROPRIATE FIRE DAMPER TO MATCH ASSEMBLY FIRE RATING.
  2. PAINT ALL SHUTTERS AND EXTERIOR GRILLES TO COLOR SPECIFICATION BY ARCHITECT.
  3. PROVIDE BIRSCREENS ON ALL SHUTTERS AND EXTERIOR GRILLES.
  4. PROVIDE BACK FLOW PREVENTER ON ALL EXHAUST SYSTEMS

| DEHUMIDIFIER SCHEDULE |          |       |                 |               |                             |       |    |      |         |
|-----------------------|----------|-------|-----------------|---------------|-----------------------------|-------|----|------|---------|
| TAG                   | Make     | Model | Blower<br>(CFM) | Vent<br>(CFM) | Moisture<br>Removal (Pints) | Power |    |      | Remarks |
|                       |          |       |                 |               |                             | VAC   | Ph | Amps |         |
| DH-1                  | Santa-Fe | V125  | 350             | 110           | 125                         | 120   | 1  | 10.2 | 1       |
| DH-2                  | Santa-Fe | V125  | 350             | 110           | 125                         | 120   | 1  | 10.2 | 1       |

- NOTES:
1. Install units in accordance with manufacturer's recommendations.

| TAG | SERVICE    | NECK SIZE | DESCRIPTION                                                                    | REMARKS |
|-----|------------|-----------|--------------------------------------------------------------------------------|---------|
| A   | Supply Air | Ref. Plan | 20" x 20" Adjustable Square Cone Diffuser, Price ASCDA w/ Insulated Back Panel | 1, 2, 3 |
| B   | Supply Air | Ref. Plan | 24"x 24" Adjustable Square Cone Diffuser, Price ASCDA w/ Insulated Back Panel  | 1, 2, 3 |
| C   | Return Air | Ref. Plan | 24" X 24" Perforated, Ducted Return, Titus PAR                                 | 1, 2, 3 |
| D   | Vent       | N/A       | 12" x 12" filter return air grille, Price 60FH w/ 1" filter media              | 1, 3    |
| E   | Vent       | N/A       | 24" x 24" filter return air grille, Price 60FH w/ 1" filter media              | 1, 3    |

- Notes:
1. Seal perimeter of diffusers/grilles to prevent moisture migration from attic space, as applicable
  2. R value of insulated back panels/plenums to exceeer R-8
  3. Coordinate with owner / architect for color and finish

| WATER HEATER SCHEDULE |                        |        |        |                     |                      |               |         |       |    |      |         |
|-----------------------|------------------------|--------|--------|---------------------|----------------------|---------------|---------|-------|----|------|---------|
| TAG                   | Type                   | Make   | Model  | Range of Flow (GPM) | Temperature Rise (F) | Natural Gas   |         | Power |    |      | Remarks |
|                       |                        |        |        |                     |                      | Maximum (MBH) | FT3/Hr. | VAC   | Ph | Amps |         |
| WH-1                  | Instant, Noncondensing | Rinnai | RE199I | 0.13 -9.8           | 35                   | 199           | 193     | 120   | 1  | 4    | 1       |

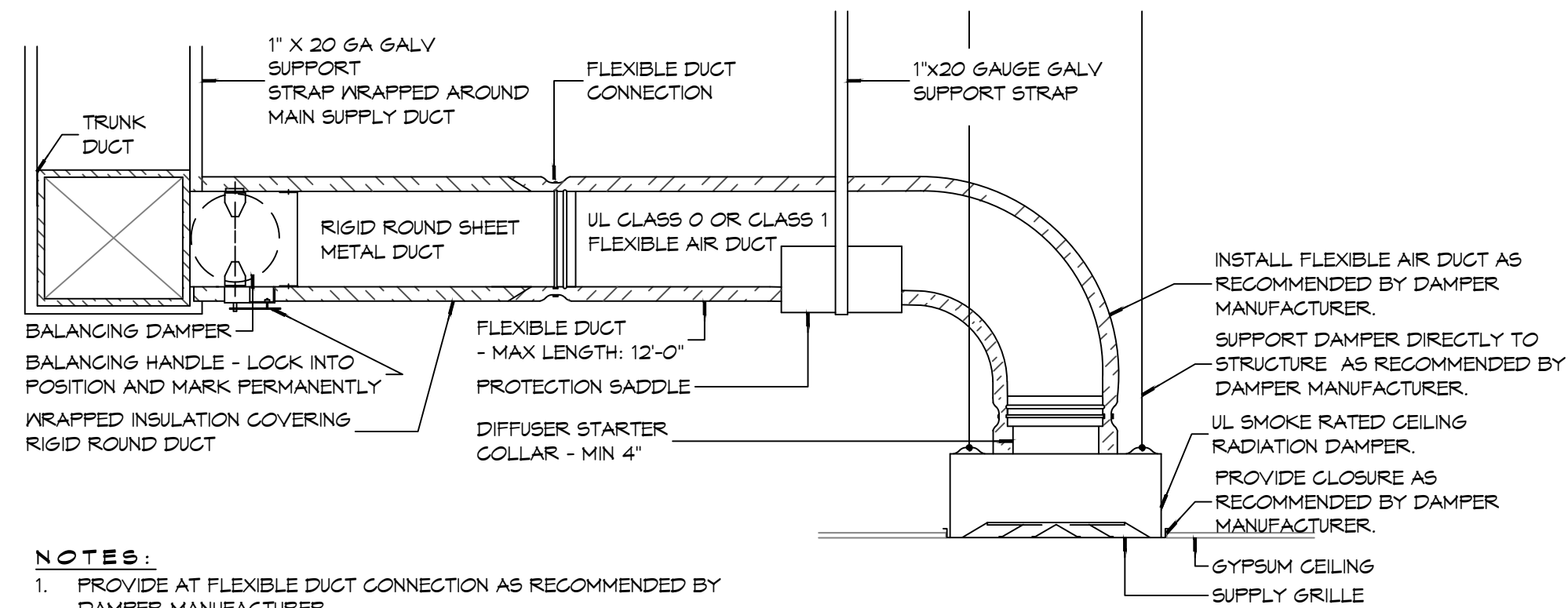
- NOTES:
1. Install units in accordance with NFPA and manufacturer's recommendations.

2 SCHEDULES  
SCALE: NTS

## GENERAL HVAC NOTES

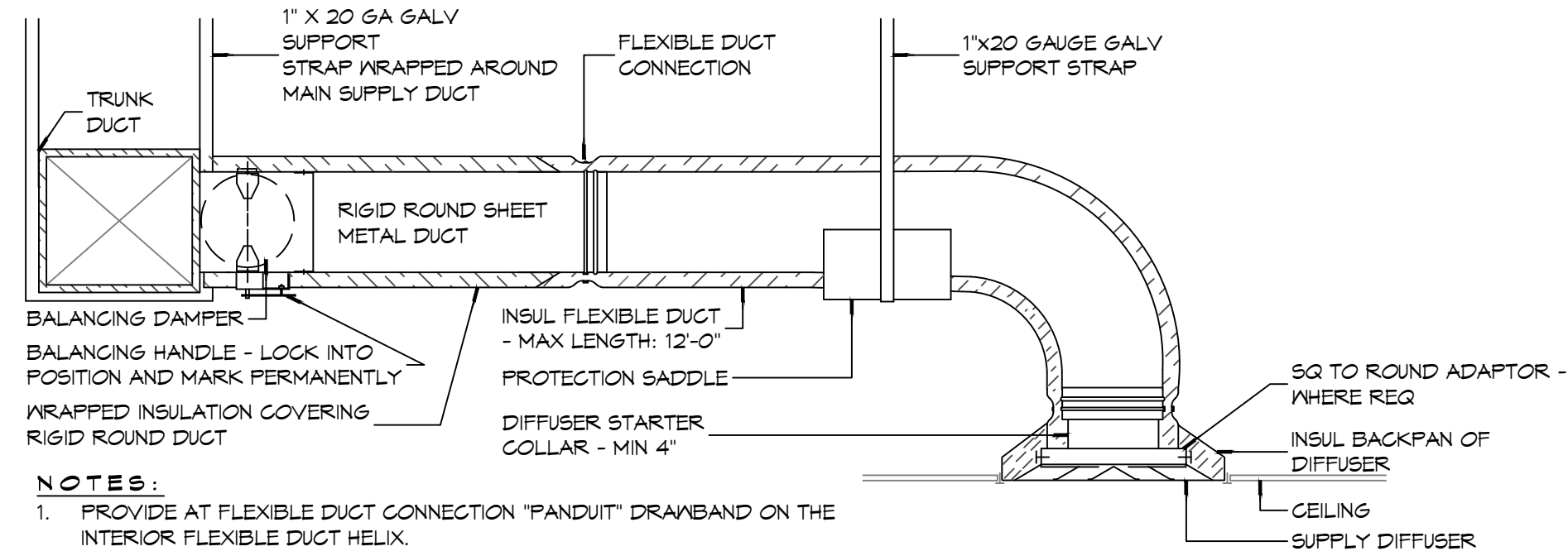
1. ALL MECHANICAL WORK SHALL BE COORDINATED WITH THE WORK OF OTHER TRADES.
2. VERIFY ROUTING OF ALL WORK ON SITE.
3. HVAC CONTRACTOR REPLACE ALL EQUIPMENT FILTERS AT THE TIME OF POSSESSION OF THE PROJECT BY THE OWNER, USING ONLY NEW FILTERS OF THE PROPER SIZE AND TYPE.
4. CONTRACTOR SHALL LEAVE THE HVAC SYSTEM IN PROPER WORKING ORDER AND SHALL GUARANTEE SAME FOR A PERIOD OF TWELVE (12) MONTHS FROM THE DATE OF SUBSTANTIAL COMPLETION.
5. PROVIDE A MINIMUM 4" THICK LEVEL PRE-CAST CONCRETE PAD FOR PACKAGED UNITS AT GRADE. THE SIZE OF THE PRE-CAST PAD WILL BE REQUIRED TO ACCOMMODATE THE FOOT PRINT OF THE UNIT AND BE ACCEPTABLE FOR MOUNTING.
6. WHERE MOUNTING HEIGHTS ARE NOT INDICATED OR DIMENSIONED, INSTALL MECHANICAL SERVICES AND OVERHEAD EQUIPMENT TO PROVIDE THE MAXIMUM HEADROOM POSSIBLE.

BIG ASS FAN;  
BIG ASS POWERFOIL D-PFD1-1022S34 FAN  
WITH DOWNTUBE AND A 1HP MOTOR. MODEL  
NUMBER F-PFD1-1022S34.



- NOTES:
1. PROVIDE AT FLEXIBLE DUCT CONNECTION AS RECOMMENDED BY DAMPER MANUFACTURER.
  2. PROVIDE MINIMUM 4" COLLARS FOR ATTACHMENT OF THE FLEXIBLE DUCT TO ROUND DUCT, DAMPERS AND DIFFUSERS.
  3. BAND RIGID ROUND DUCT INSULATION TO DUCT AND PROVIDE TAPE FOR INSULATION OVERLAP.

(B) TYPICAL FIRE/SMOKE RATED CEILING DIFFUSER



- NOTES:
1. PROVIDE AT FLEXIBLE DUCT CONNECTION "PANDUIT" DRABAND ON THE INTERIOR FLEXIBLE DUCT HELIX.
  2. PROVIDE MINIMUM 4" COLLARS FOR ATTACHMENT OF THE FLEXIBLE DUCT TO ROUND DUCT, DAMPERS AND DIFFUSERS.
  3. BAND RIGID ROUND DUCT INSULATION TO DUCT AND PROVIDE TAPE FOR INSULATION OVERLAP.

(A) TYPICAL NON-RATED CEILING DIFFUSER

1 DETAIL  
SCALE: NTS

DAMMON

ENGINEERING, INC.

LOUISIANA & MISSISSIPPI

Chief Engineer: Brian A. Mistich, PE

554 Old Spanish Trail

Slidell, LA 70568

www.dammoneengineering.com

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| # | DESCRIPTION | REVISIONS | DATE |
|---|-------------|-----------|------|
|   |             |           |      |
|   |             |           |      |
|   |             |           |      |
|   |             |           |      |
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|   |             |           |      |
|   |             |           |      |
|   |             |           |      |
|   |             |           |      |



NEW FIRE STATION #10

ST. TAMMANY FIRE PROTECTION

DISTRICT No. 1

2148 LAKESHORE VISTA BLVD

SLIDELL, LA 70461

JOB No:

DATE: 12-05-2025

CHECKED BY: BAK

DRAWN BY: CKD

2519

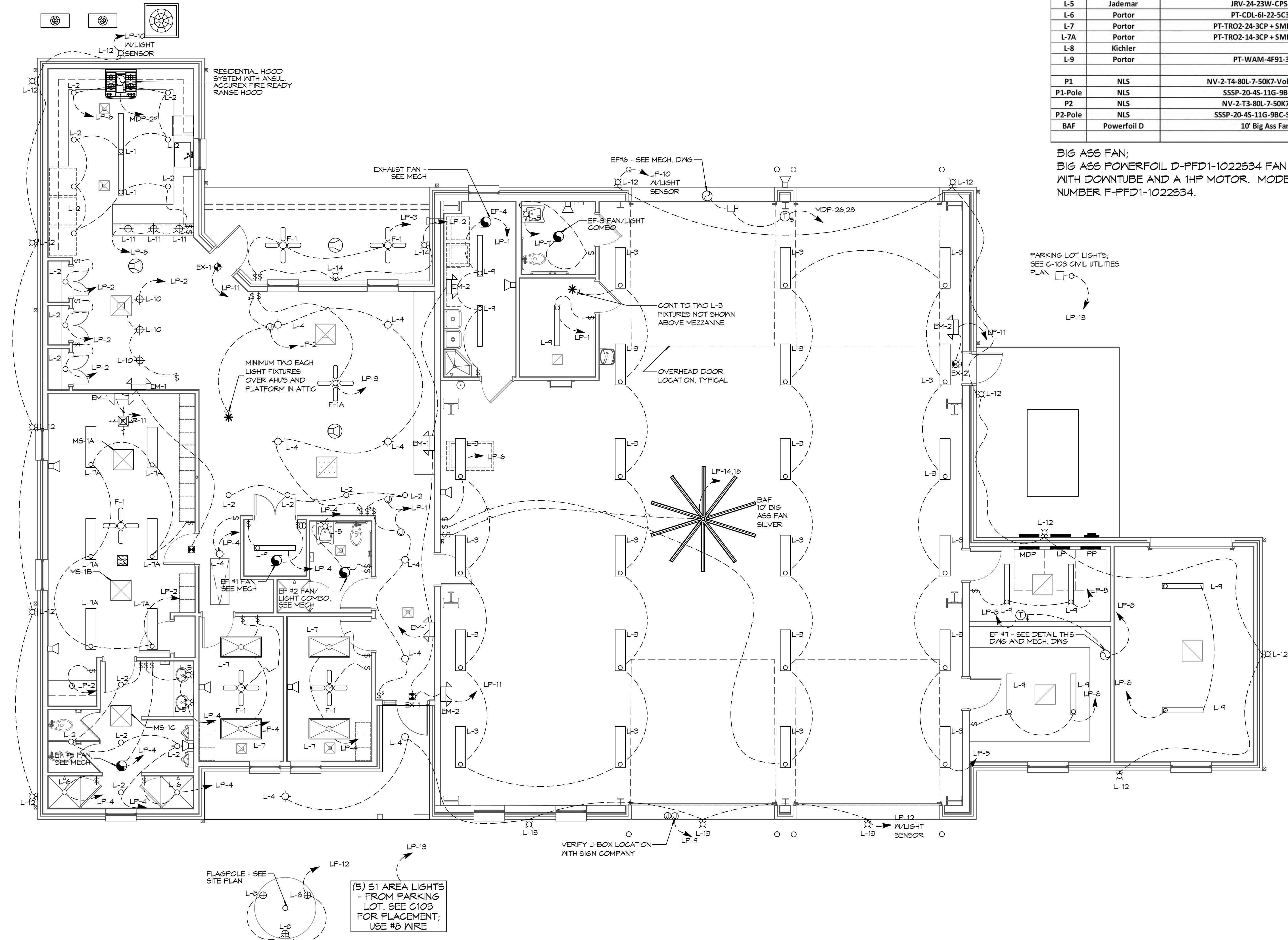
SHEET TITLE:  
HVAC DETAILS AND  
SCHEDULES

DRAWING NUMBER:

M102



FILE NAME: A:\3 - Government\2013 - Fire Station, 4103 Dammon\Current Drawings\1102-Electrical Lighting Plan and Load Summary.dwg, PLOT DATE: 12/20/2016, PLOT BY: JMM, JMM



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

| Firestation #10        |               |                                               |
|------------------------|---------------|-----------------------------------------------|
| St Tammany District #1 |               |                                               |
| LIGHTING SCHEDULE      |               |                                               |
|                        |               |                                               |
|                        |               |                                               |
| TYPE                   | FACTORY       | BOM                                           |
| EM-1                   | Light Alarms  | RP                                            |
| EM-2                   | Light Alarms  | LCA-2RHL-D                                    |
| EX-1                   | Light Alarms  | 6UE-RM-ID                                     |
| EX-2                   | Light Alarms  | QLXN500                                       |
| F-1                    | AFX           | MDXNLACSNSL                                   |
| F-1A                   | AFX           | MDXNLACSNSL-WS                                |
| L-1                    | Portor        | PT-WAA-4F9I-3CP                               |
| L-10                   | Besa Lighting | 1JT-412307-SN-L                               |
| L-11                   | Besa Lighting | 1JT-440419-MED-SN-L                           |
| L-12                   | Portor        | PT-WPC-HW-3CP                                 |
| L-13                   | Barn Lighting | BLE-G-ASFC14-NA-G9-NA-NA-NA-NA-LED16-3000K-DL |
| L-14                   | Jademar       | JAR-DS-30W-50K-D-WG                           |
| L-2                    | Portor        | PT-CDL-6I-22-5C3P-3                           |
| L-3                    | Utetronics    | LHBP245 (Set @ 185)                           |
| L-4                    | Jademar       | JAR-DS-30W-50K-D-WG                           |
| L-5                    | Jademar       | JRV-24-23W-CP5-SN                             |
| L-6                    | Portor        | PT-CDL-6I-22-5C3P-3                           |
| L-7                    | Portor        | PT-TRO2-24-3CP + SMK-UNI-24                   |
| L-7A                   | Portor        | PT-TRO2-24-3CP + SMK-UNI-14                   |
| L-8                    | Kichler       |                                               |
| L-9                    | Portor        | PT-WAM-4F9I-3CP                               |
| P1                     | NLS           | NV-2-T4-80L-7-50K7-Voltage-DP56               |
| P1-Pole                | NLS           | SSSP-20-4S-11G-9BC-SGL                        |
| P2                     | NLS           | NV-2-T3-80L-7-50K7-DP56                       |
| P2-Pole                | NLS           | SSSP-20-4S-11G-9BC-SGL-3430                   |
| BAF                    | Powerfoil D   | 10' Big Ass Fan                               |

BIG ASS FAN;  
BIG ASS POWERFOIL D-PFD1-1022534 FAN  
WITH DOWNTUBE AND A 1HP MOTOR. MODEL  
NUMBER F-PFD1-1022534.

## 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. FIRE CAULK ALL PENETRATIONS.
- 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 SHALL PROVIDE COMPLETE ASSEMBLY INCLUSIVE ALL PARTS AND HARDWARE TO INSURE PROPER FUNCTIONING FIXTURE.
- ALL CONDUCTORS SHALL BE #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.
- 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-GANGED SHALL BE AS EVEN AS POSSIBLE.
- EACH DIMMER SWITCH SHALL HAVE A WATTING 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.
- WHERE FLUORESCENT FIXTURES ARE SHOWN TO BE DIMMED, THE FIXTURES SHALL HAVE DIMMING TYPE BALLASTS WHICH ARE COMPATIBLE WITH THE SPECIFIED DIMMERS.
- WHERE LED FIXTURES/LAMPS ARE SHOWN TO BE DIMMED, THE DIMMER SHALL BE COMPATIBLE WITH THE FIXTURE/LAMP SPECIFIED OR PROVIDED.
- ALL EMERGENCY 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 410.73B.

## LEGEND

- |                                      |                                                                            |
|--------------------------------------|----------------------------------------------------------------------------|
| EMERGENCY LIGHT FIXTURE              | ELECTRIC PANEL BOARD                                                       |
| EXIT LIGHT FIXTURE - WALL MOUNTED    | CIRCUIT HOME RUN                                                           |
| EXIT LIGHT FIXTURE - CEILING MOUNTED | WALL MTD SPEAKER - PROVIDE RATED HOUSING FOR RATED WALLS WHERE INDICATED   |
| CEILING FAN                          | CLNG MTD SPEAKER - PROVIDE RATED HOUSING FOR RATED CEILING WHERE INDICATED |
| CLNG MTD FLUOR STRIP FIXTURE         | RECESSED CEILING LIGHT FIXTURE                                             |
| CLNG HUNG FLUOR STRIP FIXTURE        | SURFACE MOUNTED LIGHT FIXTURE                                              |
| WALL MOUNTED LIGHT FIXTURE           | WALL MOUNTED LIGHT FIXTURE                                                 |
| CLNG MTD FLUOR FIXTURE               | OUTDOOR LIGHT ON PHOTO TIMER- MTD IN GROUND                                |
| PENDANT LIGHT FIXTURE                | PENDANT LIGHT FIXTURE                                                      |
| EXHAUST FAN - SEE MECH               | EXHAUST FAN - SEE MECH                                                     |
- \* EXTEND TO FIXTURE(S) NOT SHOWN - SEE NOTE  
\$ LIGHT SWITCH 120V COMMERCIAL GRADE  
\$3 LIGHT SWITCH - 3-WAY 120V COMMERCIAL GRADE  
\$4 LIGHT SWITCH - DIMMER 120V COMMERCIAL GRADE  
⑦ PROVIDED BY MG.

## ELECTRICAL LOAD SUMMARY

WASHINGTON/ST. TAMMANY POWER COMPANY

PROJECT NAME: FIRE DISTRICT #1 FIRE STATION 10

PROJECT ADDRESS: 2145 LAKESHORE VISTA BLVD

CITY/TOWN: SLIDELL, LOUISIANA

INTENDED USER: FIRE STATION

REQ SERV: 120 / 240 V 1Ø PHASE 3 WIRES

SERV ENTR SIZE: 400 AMPS

HVAC TONNAGE: 10.5 TONS

LARGEST MOTOR: N/A HP

(NOTE: MOTORS ABOVE 20HP MAY REQUIRE REDUCED VOLTAGE STARTING AND ARE NEVER RECOMMENDED FOR USE W/ 120/240V, 1Ø, 3W SERVICE)

TOTAL BUILDING SQ FT: 6526 SF

INDIVIDUAL UNIT SQUARE FOOTAGE: N/A SF (MULT OCCUPANCY)

INDIVIDUAL UNIT DESIGNATION: N/A (MULT OCCUPANCY)

LOAD SOURCE

BUILDING LIGHTING 9.0 -

ELECTRIC WATER HEATING 18.0 -

HEAT PUMPS -

SUPPLEMENTAL HEAT SYSTEMS -

AIR COND CONDENSING UNITS 11.6 -

ELEC HEATING (PRIMARY) - AHU'S 27.8 -

COOKING 12.2 -

REFRIGERATION 3.3 -

RECEPTACLES (STANDARD) 20.1 -

RECEPTACLES (COMPUTER) 2.0 -

TOTAL MOTORS (EXCLUDE HVAC) 12.2 -

EXTERIOR LIGHTING 29.0 -

MISCELLANEOUS - CEILING FANS 0.2 -

OTHER (SPECIFY) 4.5 -

**DAMMON**  
ENGINEERING, INC.  
LOUISIANA & MISSISSIPPI  
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PH: 985.649.5832

| REVISIONS | DATE      | DESCRIPTION |
|-----------|-----------|-------------|
| 1         | 5-XX-2015 | APPENDIX 1  |



NEW FIRE STATION #10  
ST. TAMMANY FIRE PROTECTION  
DISTRICT NO. 1

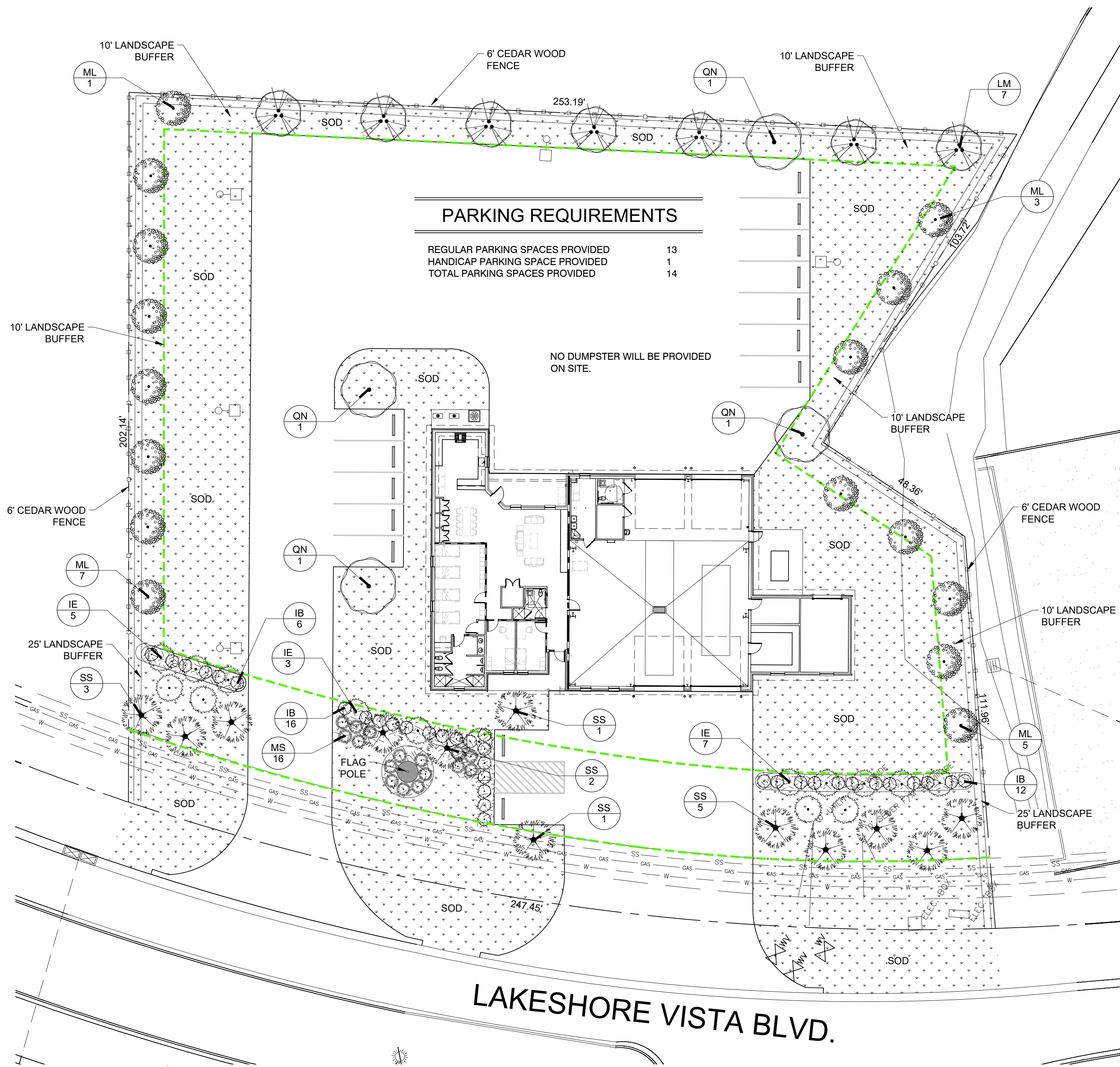
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ELECTRICAL PLAN -  
LIGHTING AND LOAD  
SUMMARY

DRAWING NUMBER:

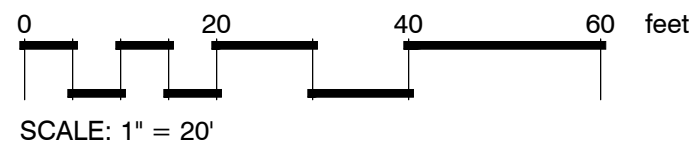
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SHEET No: 36 of 37





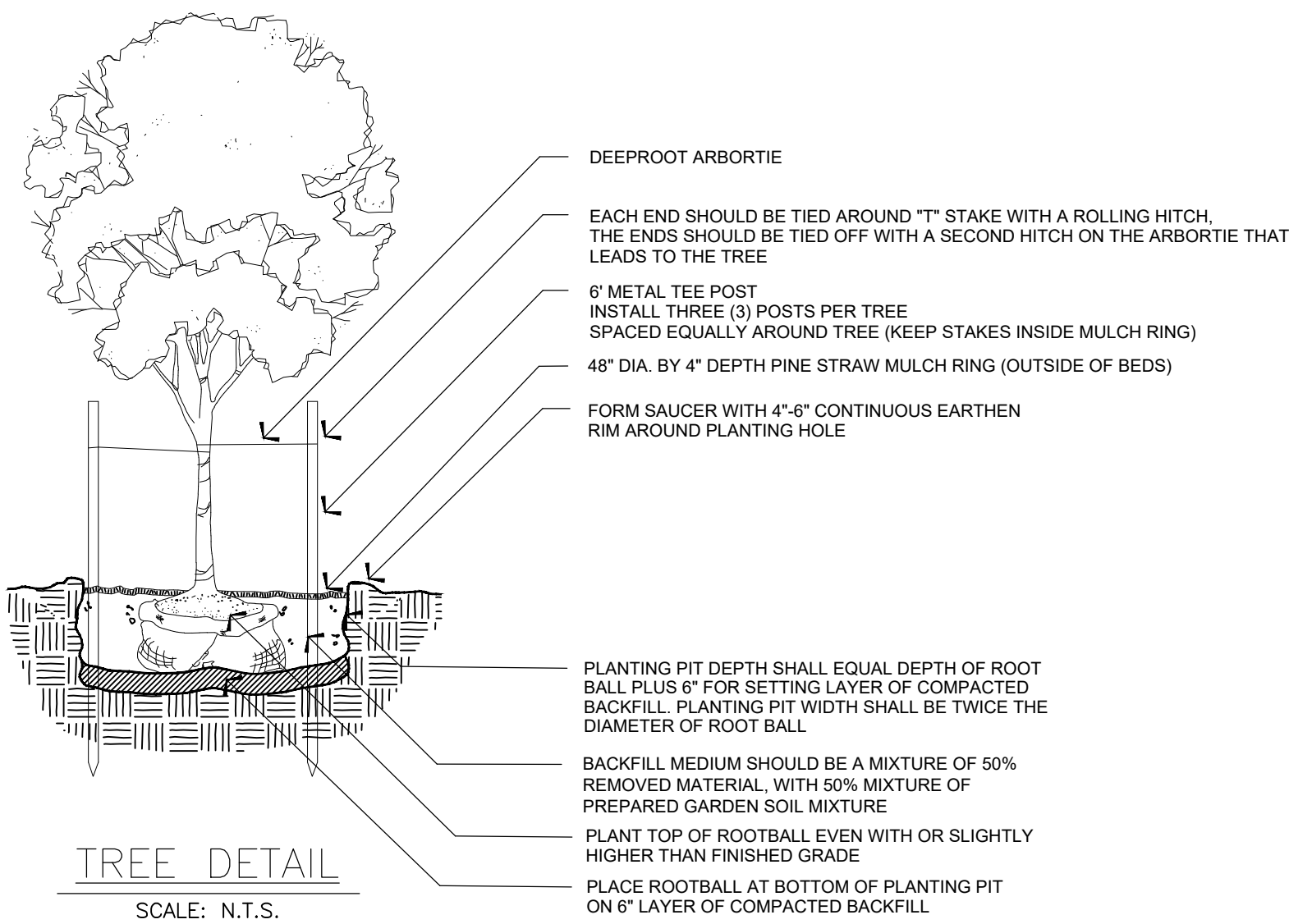
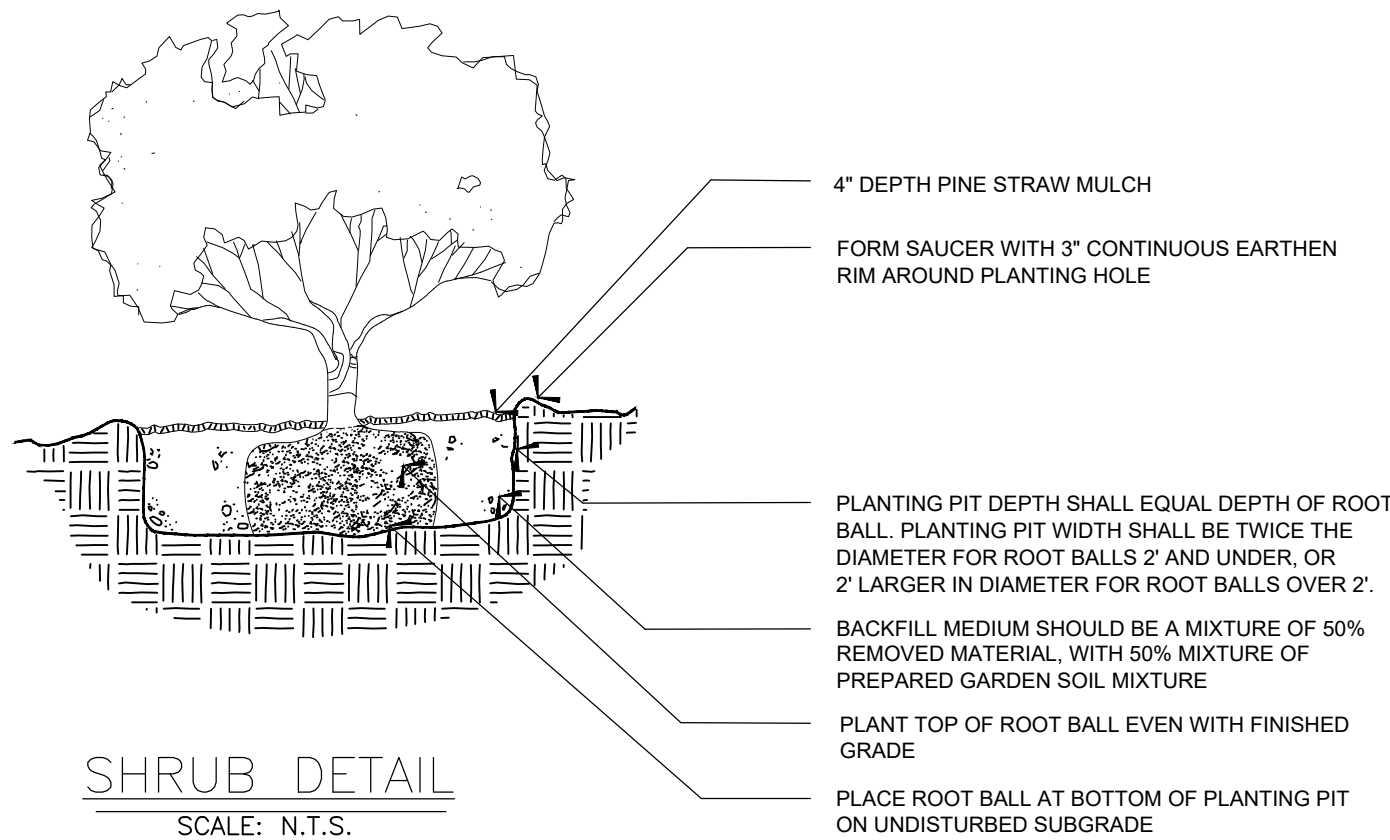
LANDSCAPE PLANTING PLAN



| ST. TAMMANY PARISH-LANDSCAPE, BUFFERING, SCREENING, & TREE PRESERVATION |                    |                   |                                                          |        |                                                       |
|-------------------------------------------------------------------------|--------------------|-------------------|----------------------------------------------------------|--------|-------------------------------------------------------|
| EXHIBIT 600-3-13 LANDSCAPE AREA REQUIREMENTS                            |                    |                   |                                                          |        |                                                       |
| STREET/BUFFER NAME                                                      | BUFFER LENGTH (FT) | BUFFER DEPTH (FT) | CODE REQUIRED LANDSCAPE                                  |        | PROVIDED LANDSCAPE                                    |
|                                                                         |                    |                   | SINGLE STREET FRONTAGE                                   |        |                                                       |
|                                                                         |                    |                   | (4) CLASS "A" & (6) CLASS "B" TREES & (20) SHRUBS / 100' |        |                                                       |
|                                                                         |                    |                   | TREES                                                    | SHRUBS | TREES      SHRUBS                                     |
| LAKESHORE VISTA BLVD.                                                   | 247.45'            | 25                | (10) CLASS "A" TREES & (15) CLASS "B" TREES              | 50.0   | (10) CLASS "A" TREES & (15) CLASS "B" TREES      51.0 |
|                                                                         |                    |                   | SIDE YARD LANDSCAPE AREA (LV-3)                          |        |                                                       |
|                                                                         |                    |                   | (3) CLASS "B" TREES / 100'                               |        |                                                       |
|                                                                         |                    |                   | TREES                                                    | SHRUBS | TREES      SHRUBS                                     |
| NORTH SIDE BUFFER                                                       | 253.19'            | 10                | (8) CLASS "B" TREES                                      | -      | (8) CLASS "B" TREES      -                            |
| WEST SIDE BUFFER                                                        | 202.14'            | 10                | (7) CLASS "B" TREES                                      | -      | (7) CLASS "B" TREES      -                            |
| EAST SIDE BUFFER                                                        | 264.04'            | 10                | (8) CLASS "B" TREES                                      | -      | (8) CLASS "B" TREES      -                            |

SECTION 7.0112 MAINTENANCE & REPLACEMENT

- A. MAINTENANCE: The Owner or his agent shall be responsible for the maintenance and repair of all landscaping materials and barriers as may be required by the provisions of this Section.
- Planting Beds shall be mulched to prevent weed growth and maintain soil moisture.
  - Plant Materials shall be pruned as required to maintain good health and character.
  - Turf areas shall mowed periodically.
  - All roadways, curbs and sidewalks shall be edged when necessary in order to prevent encroachment from the adjacent grassed areas.
  - The Owner of the Property shall be responsible for the provision of adequate water, fertilizer and nutrients to the required plant materials.
- B. REPLACEMENT: Subject to the provisions of Section 7.0105.E entitled, "Replacement of Preserved Trees that Die", trees and plants that die must be replaced within six (6) months of the death of the tree or plant with trees or plants that meet the requirements of Section 7.01. Barriers and curbs that are damaged or destroyed beyond repair shall be replaced within six (6) months after the damage or destruction.



PLANT SCHEDULE

| SYMBOL        | CODE  | QTY       | BOTANICAL / COMMON NAME                                                | CONT                  | CAL                             | SIZE        |         |
|---------------|-------|-----------|------------------------------------------------------------------------|-----------------------|---------------------------------|-------------|---------|
| CLASS 'A'     |       |           |                                                                        |                       |                                 |             |         |
|               | QN    | 4         | Quercus nuttallii / Nuttall Oak                                        | Gallon or B&B         | 2.50" Cal. 10' to 12' ht.       |             |         |
|               | SS    | 12        | Sabal palmetto / Cabbage Palmetto                                      | B&B                   | 8' C.T.                         | Regenerated |         |
| CLASS 'B'     |       |           |                                                                        |                       |                                 |             |         |
|               | IE    | 15        | Ilex x attenuata 'Eagleston' / Eagleston Holly                         | Gallon or B&B         | 1.50" Cal.                      | 8'-10' ht.  |         |
|               | LM    | 7         | Lagerstroemia indica x fauriei 'Muskogee' / Muskogee Crape Myrtle      | Gallon or B&B         | 1 inch per trunk, Min. 3 trunks | 8'-10' ht.  |         |
|               | ML    | 16        | Magnolia grandiflora 'Little Gem' / Little Gem Dwarf Southern Magnolia | Gallon or B&B         | 1.50" Cal.                      | 8'-10' ht.  |         |
| SYMBOL        | CODE  | QTY       | BOTANICAL / COMMON NAME                                                | CONT                  | SIZE                            |             |         |
| SHRUBS        |       |           |                                                                        |                       |                                 |             |         |
|               | IB    | 34        | Ilex cornuta 'Burfordii Nana' / Dwarf Burford Holly                    | 7-Gal.                | 2' ht. at the time of planting  |             |         |
|               | MS    | 16        | Miscanthus sinensis 'Adagio' / Adagio Eulalia Grass                    | 3-Gal.                | 2' ht. at the time of planting  |             |         |
| SYMBOL        | CODE  | QTY       | BOTANICAL / COMMON NAME                                                | CONT                  | REMARKS                         |             | SPACING |
| GROUND COVERS |       |           |                                                                        |                       |                                 |             |         |
|               | SOD   | 25,350 sf | Cynodon dactylon / Bermudagrass                                        | Squares or Mini Rolls | Class 'A'                       |             |         |
|               | MULCH | 1,060 sf  | Mulch Area / Pine Straw Mulch                                          | Pine Straw Bales      | 4" Depth                        |             |         |

ALPHONSE BARCIA III  
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12-18-2025

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New Fire Station #10

St. Tammany Fire Protection  
2745 Lakeshore Vista Blvd.  
Slidell, LA.

Sheet Title: Landscape Planting Plan

JOB No.:

SCALE: AS SHOWN

DRAWN BY: AB3

CHECKED BY: AB3

SHEET:

LS-1

REV.

DATE: DECEMBER 18TH 2025