ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1

FIRE STATION #10

2745 LAKESHORE VISTA BLVD
SLIDELL, LA 70461

ADMINISTRATION

CHRIS KAUFMANN
FIRE CHIEF

JAY GROSS
CHIEF OF OPERATIONS

CHAD DUFFAUT
CHIEF OF ADMINISTRATION

BOARD OF COMMISSIONERS

CHAIRMAN TROY BRACKETT

COMMISSIONER MIKE RICH
CITY OF SLIDELL

COMMISSIONER JEFF McDOWELL
CITY OF SLIDELL

COMMISSIONER TRACEY POWELL
ST.TAMMANY PARISH

COMMISSIONER KEVIN DAVIS
ST.TAMMANY PARISH

DAMMON ENGINEERING, INC.
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Chief Engineer: Brian Mistich, PE
550 Oak Crest Trail
Slidell, LA 70458

REVISIONS

#	DESCRIPTION	DATE

SEAL:

JARED M. SIMONEAUX
REG. NO. 7751
STATE OF LOUISIANA
REGISTERED ARCHITECT

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: JMS

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SHEET TITLE:
COVER SHEET

DRAWING NUMBER:
G001

SHEET No: 1 of 37

ABBREVIATIONS

SYMBOLS USED AS ABBREVIATIONS:

∠	ANGLE
℄	CENTERLINE
[	CHANNEL
D	PENNY
L	PERPENDICULAR
℘	PLATE OR PROPERTY LINE
Φ	DIAMETER

ABBREVIATIONS:

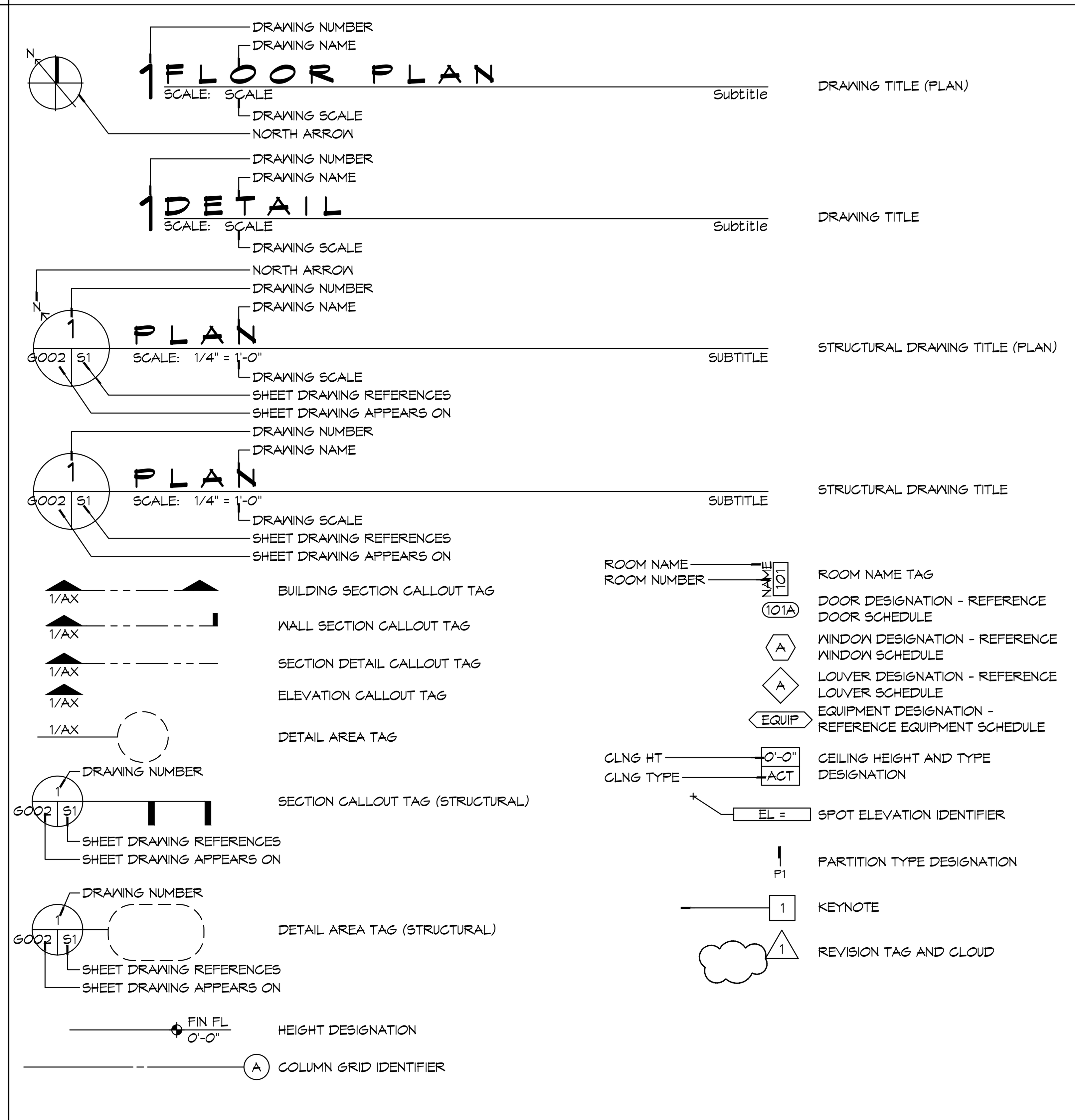
A	FRESH AIR
A/E	ARCHITECT/ ENGINEER
AB	ANCHOR BOLT
ABAN	ABANDON
ABC	AGGREGATE BASE COURSE
ABRSV	ABRASIVE
ABS	ABSOLUTE
ABV	ABOVE
A/C	AIR CONDITIONER
AC	ALTERNATING CURRENT
AC	ARMORED CABLE
ACC	ACCESSIBLE
ACR	ACROSS
ACS	ACCESS
ACS DR	ACCESS DOOR
ACS FLR	ACCESS FLOOR
ACS PNL	ACCESS PANEL
ACST	ACOUSTIC(AL)
ACT	ACOUSTICAL CEILING TILE
AD	AREA DRAIN
ADA	AMERICANS W/ DISABILITIES ACT
ADC	AUTOMATIC DOOR CLOSER
ADD	ADDENDUM
ADH	ADHESIVE
ADJ	ADJACENT
ADJ	ADJUST(ABLE)
ADL	ADDITIONAL
ADMIN	ADMINISTRATION
AFC	ABOVE FINISH COUNTER
AFF	ABOVE FINISH FLOOR
AFG	ABOVE FINISHED GRADE
AFS	ABOVE FINISHED SLAB
AGG	AGGREGATE
AHJ	AUTHORITY HAVING JURISDICTION
AHU	AIR HANDLING UNIT
ALLOW	ALLOWANCE
ALM	ALARM
ALT	ALTERNATE
ALUM	ALUMINUM
AMB	AMBIENT
AMT	AMOUNT
ANC	ANCHOR
ANN	ANNUNCIATOR
ANOD	ANODIZED
ANT	ANTENNA
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
APA	AMERICAN PLYWOOD ASSOCIATION
APC	ACOUSTICAL PANEL CEILING
APP	APPEARANCE
APPD	APPROVE(D)
APPROX	APPROXIMATE
APT	APARTMENT
AR	AS REQUIRED
ARCH	ARCHITECT(URAL)
ARF	ARCHITECTURAL FINISH
ASB	ASBESTOS
ASC	ABOVE SUSPENDED CEILING
ASCE	AMERICAN SOCIETY OF CIVIL ENGINEERS
ASHRAE	AMERICAN SOCIETY OF HEATING REFRIGERATING AND AIR CONDITIONING ENGINEERS
ASI	ARCHITECT'S SUPPLEMENTAL INSTRUCTION(S)
ASKLR	AUTOMATIC SPRINKLER
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS
ASPH	ASPHALT
ASR	AUTOMATIC SPRINKLER RISER
ASSN	ASSOCIATION
ASSY	ASSEMBLY
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
ASYM	ASYMMETRICAL
ATCH	ATTACHMENT
ATS	AUTOMATIC TRANSFER SWITCH
AUTO	AUTOMATIC
AUX	AUXILIARY
AV	AUDIO VISUAL
AVE	AVENUE
AVG	AVERAGE
AW	ARCHITECTURAL WOODWORK
AWG	AMERICAN WIRE GAUGE
AWI	ARCHITECTURAL WOODWORKING INSTITUTE
AWT	ACOUSTICAL WALL TREATMENT
AZ	AZIMUTH
B PL	BASE PLATE
B/B	BACK TO BACK
BA	BRIGHT ANNEALED
BAF	BAFFLE
BAG	BAGGAGE
BAL	BALANCE
BALC	BALCONY
BAS	BUILDING AUTOMATION SYSTEM
BAT	BATTEN
BAT	BATTERY
BB	BASEBOARD
BB	BULLETIN BOARD
BC	BACK OF CURB
BC	BETWEEN CENTERS
BC	BOOKCASE
BC	BOTTOM CHORD
BC	BRICK COURSE
BC	BUILDING CODE
BD	BOARD
BD FT	BOARD FEET (FOOT)
BDD	BACKDRAFT DAMPER
BDNG	BEDDING
BDRY	BOUNDARY
BEV	BEVEL
BF	BOTH FACES
BFF	BELOW FINISH FLOOR
BFP	BACKFLOW PREVENTER
BEL	BELOW
BG	BUMPER GUARD
BHMA	BUILDER'S HARDWARE MANUFACTURER'S ASSOCIATION
BIA	BRICK INSTITUTE OF AMERICA
BIL	BASIC INSULATION LEVEL
BJT	BED JOINT
BJT	BEAD JOINT
BIT	BITUMINOUS
BITUM	BITUMINOUS
BKG	BACKING
BKGD	BACKGROUND
BL	BASE LINE
BL	BUILDING LINE
BLD	BUILD
BLDG	BUILDING
BLKHD	BULKHEAD
BLK	BLOCK
BLKT	BLANKET
BLKNG	BLOCKING
BLST	BALLAST
BLT IN	BUILT-IN
BLVD	BOULEVARD
BLW	BELOW
BLW	CLG BELOW CEILING
BM	BEAM
BM	BENCH MARK
BN	BULLNOSE
BO	BY OTHERS
BOB	BOTTOM OF BEAM
BOS	BOTTOM OF STEEL
BOT	BOTTOM
BOT F	BOTTOM FACE
BP	BUILDING PAPER
BPRF	BULLETPROOF (BULLET-RESISTANT)
BR	BEDROOM
BRG	BEARING
BRDG	BRIDGE/BRIDGING
BRG PL	BEARING PLATE
BRKR	BREAKER
BRKT	BRACKET
BRLP	BURLAP
BRZ	BRONZE
BS	BOTH SIDES
BW	BOTH WAYS
BSMT	BASEMENT
BSP	BLACK STEEL PIPE
BSTR	BOOSTER

BT	BATHTUB
BTR	BETTER
BTU	BRITISH THERMAL UNIT
BTUH	BRITISH THERMAL UNIT PER HOUR
BTWN	BETWEEN
BU	BUILT-UP
C	CELSIUS
C	CHANNEL
C CONC	CAST CONCRETE
C TO C	CENTER TO CENTER
CAB	CABINET
CALC	CALCULATE
CAM	CAMBER
CAN	CANOPY
CANTIL	CANTILEVER
CANV	CANVAS
CAP	CAPACITY
CAT	CATALOG
CATW	CATWALK
CAV	CAVITY
CB	CARRIAGE BOLT
CB	CATCH BASIN
CB	CEMENT BASE
CB	CERAMIC BASE
CB	CORNER BEAD
CBB	CEMENTITIOUS BACKER BOARD
CCD	CONTRACT CHANGE DIRECTIVE
CCTV	CLOSED CIRCUIT TV
CCW	COUNTERCLOCKWISE
CD	CONSTRUCTION DOCUMENTS
CD	CONTRACT DOCUMENTS
CEM	CEMENT/CEMENTITIOUS
CEM	CEMETARY
CEM FIN	CEMENT FINISH
CEM PLAS	CEMENT PLASTER
CER	CERAMIC
CERT	CERTIFY
CF	CEMENT FLOOR
CF	CONTRACTOR FURNISHED
CFCI	CONTRACTOR FURNISHED/CONTRACTOR INSTALLED
CFOI	CONTRACTOR FURNISHED/OWNER INSTALLED
CFE	CONTRACTOR FURNISHED EQUIPMENT
CLFG	COUNTER-FLASHING
CFM	CUBIC FEET PER MINUTE
CFMF	COLD-FORMED METAL FRAMING
CFS	CUBIC FEET PER SECOND
CG	CENTER OF GRAVITY
CG	CORNER GUARD
CHEM	CHEMICAL
CHFR	CHAMFER
CHG	CHARGE
CHK	CHECK
CHKV	CHECK VALVE
CHMBR	CHAMBER
CHMFR	CHAMFER
CHR PL	CHROME PLATED
CI	CAST IRON
CI	CURB INLET
CIP	CAST-IN-PLACE
CIP	CAST IRON PIPE
CIR	CIRCLE
CIRC	CIRCULAR
CJ	CONSTRUCTION JOINT
CJT	CONTROL JOINT
CK TP	COOK TOP
CKT	CIRCUIT
CK	CAULK
CL	CENTER LINE
CL	CLASS
CL	CLOSE
CL D	CLOTHES DRYER
CLASS	CLASSIFICATION
CLDG	CLADDING
CLNG	CEILING
CLG DIFF	CEILING DIFFUSER
CLG GRL	CEILING GRILLE
CLG HT	CEILING HEIGHT
CLG REG	CEILING REGISTER
CLKJ	CALKED JOINT
CLR	CLEAR
CLL	COLUMN LINE
CLL	CONTRACT LIMIT LINE
CLO	CLOSET
CLOS	CLOSURE
CLR	CLEAR
CLR	COLOR
CLRM	CLASSROOM
CLT	CLEAT
CLWG	CLEAR WIRED GLASS
CM	CENTIMETER
CM^2	SQUARE CENTIMETER
CMP	CORRUGATED METAL PIPE
CMPST	COMPOSITE
CMU	CONCRETE MASONRY UNIT
CNCL	CONCEALED
CND	CONDUIT
CNDS	CONDENSATE
CNR	CORNER
CONTR	CONTRACTOR
CNTR	COUNTER
CNVR	CONVEYOR
CNTR	COUNTER
CO	CARBON MONOXIDE
CO	CASED OPENING
CO	CERTIFICATE OF OCCUPANCY
CO	CLEANOUT
CO	COMPANY
CO	CUTOUT
CO_2	CARBON DIOXIDE
COAX	COAXIAL CABLE
COEFF	COEFFICIENT
COL	COLUMN
COM	COMMON
COMB	COMBINATION
COMP	COMPOSITION
COMP	COMPONENT
COMPL	COMPLETE
COMPT	COMPARTMENT
CONC	CONCENTRIC
CONC	CONCRETE
CONC FLR	CONCRETE FLOOR
COND	CONDENSER
COND	CONDITION
CONDN	CONDENSATION
CONN	CONNECT
CONF	CONFERENCE
CONT	CONTINUOUS
CORR	CORRUGATED
CONSTR	CONSTRUCTION
CONSULT	CONSULTANT
CONV	CONVERT
COORD	COORDINATE
COP	COPING
COR	CHANGE ORDER REQUEST
CORN	CORNICE
CORR	CORRECT
CORR	CORRIDOR
CORRES	CORRESPOND
COTG	CLEANOUT TO GRADE
COV	COVER
CPT	CARPET(ED)
CR	CONTROL ROOM
CRS	COURSE(S)
CRS	COLD ROLLED STEEL
CRSI	CONCRETE REINFORCING STEEL INSTITUTE
CRT YD	COURTYARD
CS	CAST STONE
CS	COUNTERSINK
CSB	CONCRETE SPLASH BLOCK
CSG	CASING
CSI	CONSTRUCTION SPECIFICATIONS INSTITUTE
CSK	COUNTER SUNK
CSMT	CASEMENT
CSP	CONCRETE SEWER PIPE
CSWK	CASEWORK
CT	CERAMIC TILE
CT	COUNT
CTF	CERAMIC TILE FLOOR
CTR	CENTER
CTRK	CURTAIN TRACK
CTSC	COUNTERSINK SCREW
CU	CUBIC
CU	FT CUBIC FEET
CU	IN CUBIC INCH
CU	YD CUBIC YARD
CUB C	CUBICLE CURTAIN
CYL	CYLINDER
D	DRAIN

D CHEM	DRY CHEMICAL
D1S	DRESSED ONE SIDE
D2S	DRESSED TWO SIDES
DAT	DATUM
DB	DECIBEL
DBL	DOUBLE
DEL	DELETE
DEG	DEGREE
DFL	DEFLECTION
DEMO	DEMOLITION/DEMOLISH
DEP	DEPRESSED
DET	DETAIL
DHW	DOMESTIC HOT WATER
DIA	DIAMETER
DIAG	DIAGONAL
DIFF	DIFFERENCE
DIM	DIMENSION
DIR	DIRECTION
DISP	DISPENSER
DIV	DIVISION
DL	DEAD LOAD
DMPF	DAMPPROOFING
DPR	DAMPER
DR	DOOR
DR	DRAIN
DR CL	DOOR CLOSER
DR FR	DOOR FRAME
DR OPNG	DOOR OPENING
DRH	DOOR HOLDER
DRLV	DOOR LOUVER
DRST	DOOR STOP
DRSW	DOOR SWITCH
DS	DOWNSPOUT
DS	DISCONNECT SWITCH
DTA	DOVETAIL
DW	DISHWASHER
DWR	DRAWER
DWG	DRAWING
E	EAST
EA	EACH
EB	EXPANSION BOLT
EJ	EXPANSION JOINT
EL	ELEVATION
ELEV	ELEVATION
ELEC	ELECTRIC/ ELECTRICAL
ELEV	ELEVATOR
EMER	EMERGENCY
ENC	ENCLOSURE
EO	ELECTRIC OUTLET
EP	ELECTRIC PANELBOARD
EQ	EQUAL
EQPM	EQUPMENT
ETR	EXISTING TO REMAIN
EWC	ELECTRIC WATER COOLER
EWH	ELECTRIC WATER HEATER
EXH	EXHAUST
EXMP	EXPANDED METAL PLATE
EXP	EXPOSED
EXIST	EXISTING
EXT	EXTERIOR
FA	FIRE ALARM
FAS	FASTEN
FB	FACE BRICK
FBD	FIBERBOARD
FBO	FURNISHED BY OTHERS
FD	FLOOR DRAIN
FE	FIRE EXTINGUISHER
FEC	FE CABINET
FF	FACTORY FINISH
FFL	FINISH FLOOR LINE
FHC	FIRE HOSE CABINET
FIN	FINISH(ED)
FJT	FLUSH JOINT
FLG	FLASHING
FLR	FLOOR
FLUOR	FLUORESCENT
FLX	FLEXIBLE
FND	FOUNDATION
FOC	FACE OF CONCRETE
FOF	FACE OF FINISH
FOM	FACE OF MASONRY
FOS	FACE OF STUD(S)
FPL	FLOOR PLATE
FR	FRAME/FRAMED
FRC	FIRE-RESISTANT COATING
FRG	FORGED
FRT	FIRE-RETARDANT
FTG	FOOTING
FUR	FURRING
GA	GAUGE
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GD	GRADE
GF	GROUND FACE
GI	GALVANIZED IRON
GKT	GASKET
GL	GLASS/GLAZING
GVL	GRAVEL
GWB	GYPSUM WALL BOARD
HB	HOSE BIB
HBD	HARDBOARD
H/C	HANDICAPPED
HC	HOLLOW CORE
HCJ	HORIZONTAL CONTROL JOINT
HDR	HEADER
HWR	HARDWARE
HJT	HEAD JOINT
HM	HOLLOW METAL
HOR	HORIZONTAL
HPT	HIGH POINT
HR	HANDRAIL
HT	HEIGHT
HR	HANDRAIL
HT	HEIGHT
HTG	HEATING
HVAC	HEATHING/VENTILATION/AIR CONDITIONING
HWD	HARDWOOD
ID	INSIDE DIAMETER
INCL	INCLUDE(D)/(ING)
INSF	INSULATING FILL
INSUL	INSULATE(D)/INSULATION
INT	INTERIOR
INTM	INTERMEDIATE
INV	INVERT
J	JOIST
JF	JOINT FILLER
JT	JOINT
KIT	KITCHEN
KO	KNOCKOUT
KPL	KICKPLATE
L	LENGTH
LAB	LABORATORY
LAD	LADDER
LAM	LAMINATE(D)
LAV	LAVATORY
LB	LAG BOLT
LBL	LABEL
LC	LIGHT CONTROL
LH	LEFT HAND
LL	LIVE LOAD
LGMF	LIGHT GAUGE METAL FRAMING
LP	LIGHTPROOF
LPT	LOW POINT
LST	LIMESTONE
LT	LIGHT
LTL	LINTEL
LVR	LOUVER
LW	LIGHTWEIGHT
LWC	LIGHTWEIGHT CONCRETE
MAS	MASONRY
MATL	MATERIAL(S)
MAX	MAXIMUM
MBR	MEMBER
MDF	MEDIUM DENSITY FIBERBOARD
MDO	MEDIUM DENSITY OVERLAY
MECH	MECHANIC(AL)
MED	MEDIUM
MTL	METAL
MFR	MANUFACTURE(R)
MH	MANHOLE
M/W	MICROWAVE
MIN	MINIMUM
MIR	MIRROR
MISC	MISCELLANEOUS
MBR	MEMBRANE

MO	MASONRY OPENING
MOV	MOVEABLE
MT	MOUNT(ED)/(ING)
MULL	MULLION
MWK	MILLWORK
N	NORTH
NAT	NATURAL
NIC	NOT IN CONTRACT
NL	NAILABLE
NMT	NONMETALIC
NOM	NOMINAL
NR	NOISE REDUCTION
NRC	NOISE REDUCTION COEFFICIENT
NTS	NOT TO SCALE
OA	OVERALL
OC	ON CENTER(S)
OD	OUTSIDE DIAMETER
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED OWNER INSTALLED
OH	OVERHEAD
OJ	OPEN-WEB-JOIST
OPNG	OPENING
OPH	OPPOSITE HAND
OPP	OPPOSITE
OVN	OVEN
OVR	OVER
PLAM	PLASTIC LAMINATE
QT	QUARRY TILE
QLTY	QUALITY
QNTY	QUANTITY
R	RISER
RA	RETURN AIR
RAD	RADIUS/RADII
RB	RUBBER BASE
RBT	RABBET
RD	ROOF DRAIN
REF	REFERENCE
REFR	REFRIGERATOR
REG	REGISTER
REINF	REINFORCE(D)/(ING)
RES	RESILIENT
RET	RETURN
REV	REVISION(S)/REVISED
RFL	REFLECTED
RH	RIGHT HAND
RL	RAIL(ING)
RM	ROOM
RO	ROUGH OPENING
ROW	RIGHT OF WAY
RT	RUBBER TILE
RWC	RAINWATER CONDUCTOR
S	SOUTH
SC	SOLID CORE
SCH	SCHEDULE
SD	STORM DRAIN
S DISP	SOAP DISPENSER
SEC	SECTION
SG	SHEET GLASS
SH	SHELF/SHELVING
SHO	SHORE(D)/(ING)
SHT	SHEET
SHTH	SHEATHING
SIM	SIMILAR
SL	SLEEVE
SLNT	SEALANT
SP	SOUNDPROOF
STC	SOUND TRANSMISSION COEFFICIENT
SPC	SPACER
SPEC	SPECIFICATION(S)
SPKR	SPEAKER
SPCL	SPECIAL
SQ	SQUARE
SR	SHEET RUBBER
SST	STAINLESS STEEL
STL	STEEL
STD	STANDARD
STO	STORAGE
STR	STRUCTURAL
STSM	STANDING SEAM
SUS	SUSPENDED
SV	SHEET VINYL
SYM	SYMETRY(CAL)
SYN	SYNTHETIC
SYS	SYSTEM
T	TREAD
TB	TOWEL BAR
TEL	TELEPHONE
THK	THICK(NESS)
THR	THRESHOLD
TKBD	TACKBOARD
TOB	TOP OF BEAM
TOC	TOP OF CONCRETE
TOL	TOLERANCE
TOS	TOP OF STEEL
TOP	TOP OF PARAPET
TOW	TOP OF WALL
TPD	TOILET PAPER DISPENSER
TRI	TRIPLE
TSL	TOP OF SLAB
TV	TELEVISION
TYP	TYPICAL
U	HEAT TRANSFER COEFFICIENT
UC	UNDERCOUNTER
UCD	UNDERCUT DOOR
UGND	UNDERGROUND
UL	UNDERWRITERS LABORATORIES
UN	UNLESS NOTED
UNEX	UNEXCAVATED
UNFIN	UNFINISH(ED)
UNIF	UNIFORM
UNIV	UNIVERSAL
UNO	UNLESS NOTED OTHERWISE
UON	UNLESS OTHERWISE NOTED
UP	UTILITY POLE
UR	URINAL
UTIL	UTILITY
UTP	UNTWISTED PAIR
UV	ULTRAVIOLET
UWT	UNIT WEIGHT
UT	UNDERCOAT
V	VOLT
VA	VOLT AMPERE
VAC	VACUUM
VAN	VANITY
VAR	VARIES/VARIATION
VAV	VARIABLE AIR VOLUME
VB	VALVE BOX VACUUM BREAKER
VB	VINYL BASE
VCT	VINYL COMPOSITION TILE
VEH	VEHICLE
VEL	VELOCITY
VENT	VENTILATION
VERT	VERTICAL
VEST	VESTIBULE
VFAT	VINYL FACED ACOUSTICAL TILE
VG	VERTICAL GRAIN
VIC	VICINITY
VID	VIDEO
VIF	VERIFY IN FIELD
VIS	VISUAL
VIT	VITREOUS
VJ V	JOINT
VNR	VENEER
VOC	VOLATILE ORGANIC COMPOUND
VOL	VOLUME
VOLT	VOLTAGE
VP	VENEER PLASTER
VR	VAPOR RETARDER
VS	VENT STACK
VTR	VENT THRU ROOF
VWC	VINYL WALL COVERING
W/	WITH
W/O	WITHOUT
W/W	WALL TO WALL
WC	WATER CLOSET
WD	WOOD OR WOOD DOOR
X BRACE	CROSS BRACE
X SECT	CROSS SECTION
XBRA	CROSSBRACING
XFER	TRANSFER
XFMR	TRANSFORMER
XL	EXTRA LARGE
XPS	EXTRUDED POLYSTYRENE BOARD

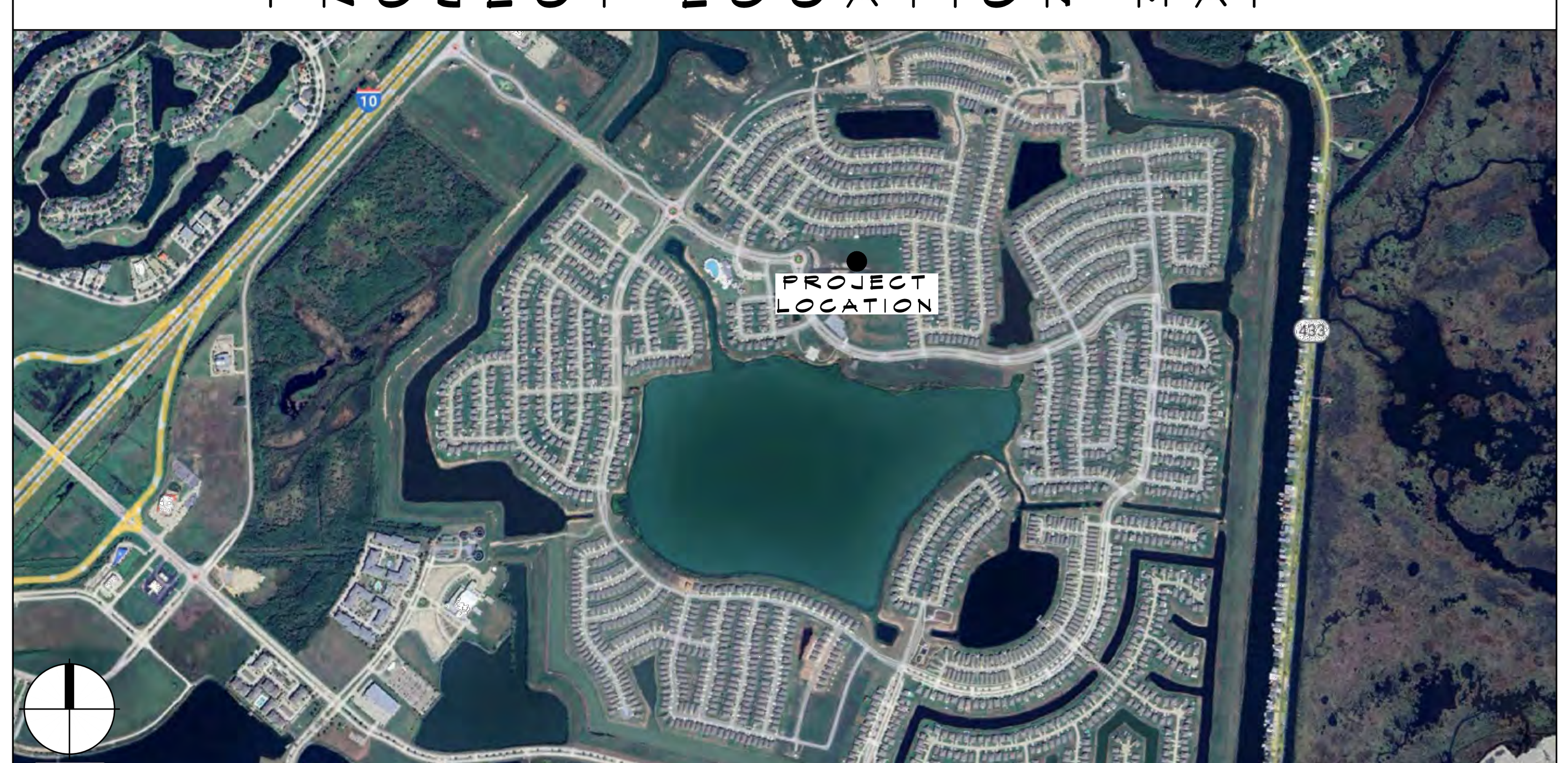
ANNOTATION SYMBOL LEGEND



MATERIAL DESIGNATIONS

CONCRETE	MIRROR IN ELEVATION	CONCRETE (SECTION)
BRICK MASONRY	METAL	ALUMINUM
CONC MASONRY UNITS	RIGID INSULATION	
FINISH WOOD	BATT INSULATION	
END-GRAIN CONSTRUCTION LUMBER (FRAMING)	TERRAZZO	
SHIM OR WOOD BLOCKING	COMPACT FILL	
PLYWOOD	MARBLE	
GYPSUM BOARD, PLASTER, GROUT	GRASS OR SOD	

PROJECT LOCATION MAP



PROJECT STATISTICS

SQUARE FOOTAGE	
LIVING QUARTERS (ENCLOSED)	2,624
APPARATUS BAY (ENCLOSED)	3,902
TOTAL ENCLOSED SPACE	6,526

PROJECT LOCATION:
2745 LAKESHORE VISTA BLVD
SLIDELL, LA 70458

OWNER:
ST. TAMMANY FIRE PROTECTION DISTRICT No. 1
533 ROBERT BLVD.
SLIDELL, LA 70458
TELEPHONE: (985) 649-3665
OWNER'S REPRESENTATIVE: CHRIS KAUFMANN

GENERAL NOTES

1. GENERAL NOTES ARE NOT INTENDED TO APPLY TO EVERY SHEET, BUT ARE INTENDED TO GIVE OWNER AND CONTRACTOR SOME BASIC GUIDELINES. ALL NOTES FOUND ON ATTACHED SHEETS TAKE PRECEDENCE OVER GENERAL NOTES.
2. THESE DOCUMENTS ARE NOT ISSUED AS A CONSTRUCTION SET UNLESS STAMPED BY THE PROFESSIONAL OF RECORD AND A BUILDING PERMIT IS ISSUED BY THE AUTHORITY HAVING JURISDICTION.
3. THESE CONTRACT DOCUMENTS ARE COMPLEMENTARY, IN THAT IT SHALL BE REGARDED THAT ANY ITEM OF CONSTRUCTION WHICH IS CALLED FOR ON ANY DRAWING OR SPECIFICATION SHALL BE AS IF CALLED FOR BY ALL CONSTRUCTION DOCUMENTS. THE SOLE RESPONSIBILITY FOR DIVISION OF WORK BY TRADE OR SUBCONTRACTOR RESTS WITH THE GENERAL CONTRACTOR. ITEMS SHOWN IN ONE VIEW SHALL BE AS IF CALLED FOR ON ALL VIEWS REGARDLESS OF SCALE OF THE OF THE DRAWING WHERE SHOWN. NO ITEM SHOWN IN ONE NUMBER REFERENCED GROUP OF DRAWINGS SHALL BE OMITTED, DECREASED OR LACK COMPLETENESS DUE TO ITS NOT BEING SHOWN ON OTHER LETTER REFERENCED SHEET (A,S,C,M,P,E).
4. ALL MATERIALS AND WORK, INCIDENTAL TO THE CONSTRUCTION OF THIS PROJECT, SHALL CONFORM TO ALL GOVERNING CODES, AND REGULATIONS OF AGENCIES IN AUTHORITY.
5. CONTRACTOR SHALL PROVIDE ALL PUBLIC PROTECTIONS NECESSARY AS REQUIRED BY LAW.
6. THE DRAWINGS, SPECIFICATIONS AND ANY SUBSEQUENTLY ISSUED ADDENDA, AMENDMENTS OR SUCH CHANGE ORDERS APPROVED BY THE OWNER AND THE CONTRACTOR ARE PART OF THESE CONTRACT DOCUMENTS.
7. DO NOT SCALE DRAWINGS. CONSULT WITH THE ARCHITECT REGARDING ANY ITEMS IN THE CONTRACT DOCUMENTS THAT REQUIRE CLARIFICATION.
8. VERIFY LOCATION OF ALL EQUIPMENT WITH THE ARCHITECT, PRIOR TO INSTALLATION.
9. THE GENERAL CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK AND REPORT ANY AND ALL DISCREPANCIES TO THE ARCHITECT.
10. CONTRACTOR VEHICLES AND EQUIPMENT NECESSARY FOR CONSTRUCTION MAY BE PARKED ON THE SITE. OTHER VEHICLES PARKED ON THE SITE REQUIRE THE OWNER'S PERMISSION.
11. WORK INDICATED AS 'NOT IN CONTRACT', 'NIC', OR 'BY OTHERS', SHALL BE PERFORMED BY OWNER'S SEPARATE CONTRACTORS. THE GENERAL CONTRACTOR SHALL COOPERATE TO THE FULLEST EXTENT WITH ALL OTHER CONTRACTORS AND ASSIST IN COORDINATING THE WORK BY SEPARATE CONTRACTORS WITH THE WORK OF THIS CONTRACT.
12. NAMING A CERTAIN BRAND, MAKE OR MANUFACTURER IS TO DESIGNATE THE GENERAL STYLE, TYPE, CHARACTER AND QUALITY STANDARD OF THE PRODUCT DESIRED. SUBSTITUTION REQUESTS MUST BE SUBMITTED PRIOR TO BIDDING.
13. ALL MATERIALS/EQUIPMENT SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. WORK NOT CONSISTENT WITH MANUFACTURER'S RECOMMENDATIONS WILL BE REJECTED BY OWNER/ARCHITECT.

SHEET LIST TABLE

SHEET NUMBER	SHEET TITLE
GENERAL	
G001	COVER SHEET
G002	GENERAL INFORMATION SHEET
G003	ACCESSIBILITY INFORMATION
LIFE-SAFETY AND CODE	
LS101	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	PRE AND POST DEVELOPMENT
STRUCTURAL	
PGA1	PILING GENERAL ARRAINGMENT
S101	FOUNDATION PLAN, DETAILS AND NOTES
S102	CEILING FRAMING PLAN & DETAILS
S103	ROOF FRAMING PLAN AND DETAILS
S501	FOUNDATION DETAILS
S502	STRUCTURAL DETAILS
S601	TYPICAL CONNECTION DETAILS, SCHEDULES, AND NOTES
ARCHITECTURAL	
A101	ARCHIECTURAL 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

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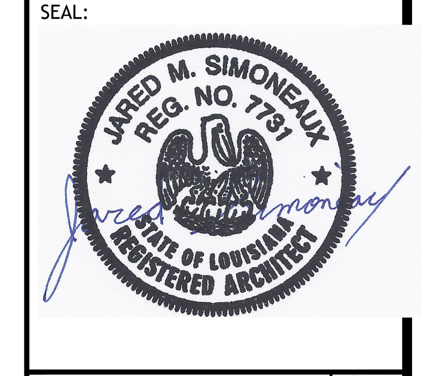
REVISIONS

#	DESCRIPTION	DATE

SEAL:



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:	JMS

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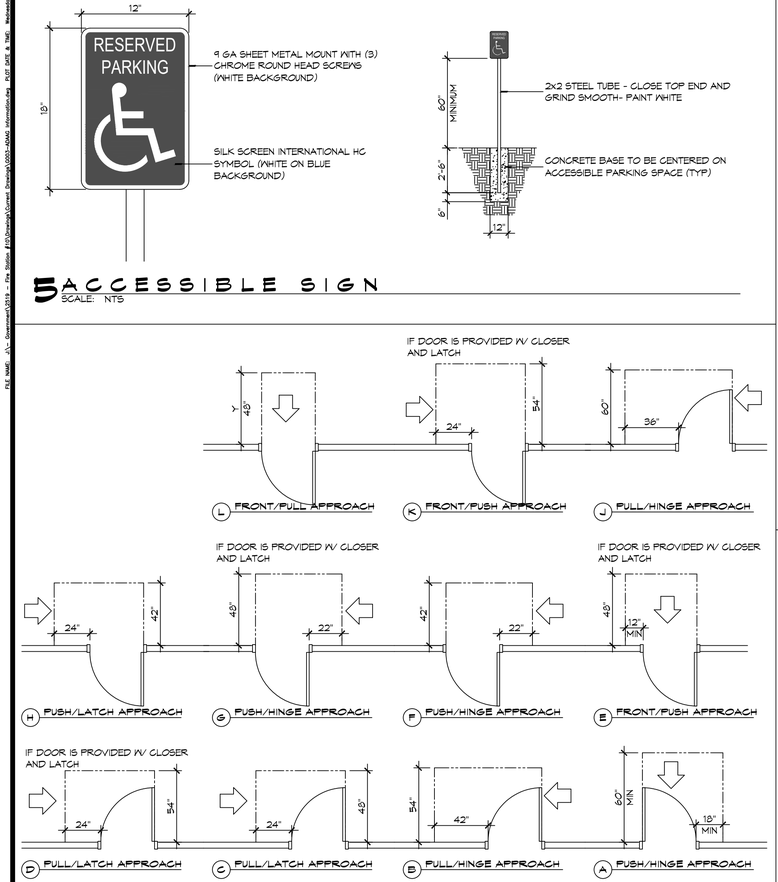
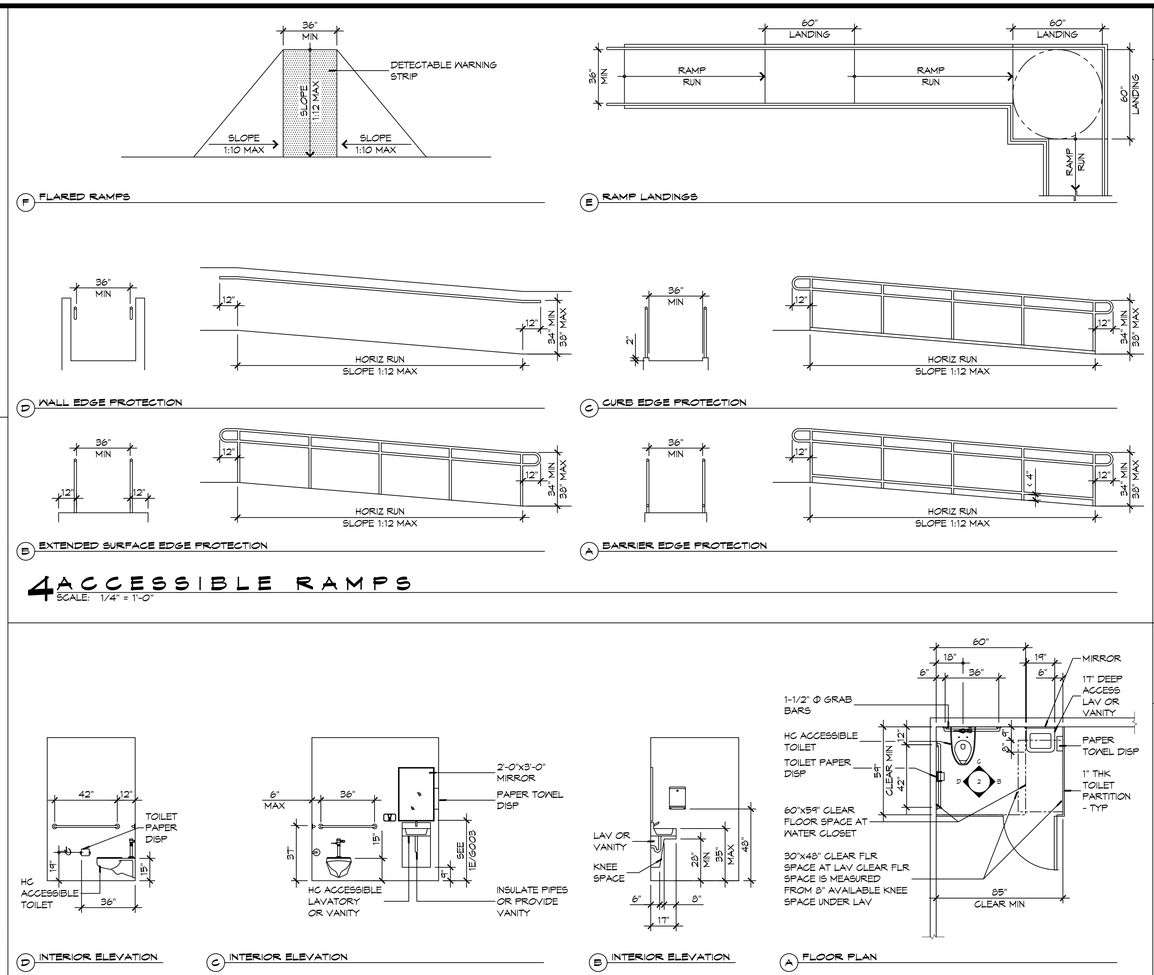
SHEET TITLE:
GENERAL INFORMATION SHEET

DRAWING NUMBER:
G002



5 ACCESSIBLE SIGN
SCALE: NTS

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



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

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

ACCESSIBILITY NOTES

DOOR CLEARANCE NOTES

ALCOVES SHALL COMPLY WITH THE CLEARANCES FOR FRONT APPROACHES. 31/G003 - 3K/G003.

DOOR HARDWARE SHALL BE LEVER TYPE.

MAX DOOR OPENING FORCE:

INTERIOR HINGED DOORS: 5 LBF
EXTERIOR HINGED DOORS: 8.5 LBF
SLIDING OR FOLDING DOORS: 5 LBF
FIRE DOORS SHALL HAVE THE MINIMUM OPENING FORCE ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY.

HARDWARE REQUIRED FOR ACCESSIBLE DOOR PASSAGE SHALL BE MOUNTED NO HIGHER THAN 48" AND NOT LESS THAN 34" ABOVE FINISHED FLOOR.

THE FLOOR OR GROUND AREA WITHIN THE REQUIRED CLEARANCES SHALL BE LEVEL AND CLEAR.

THRESHOLDS AT DOORWAYS SHALL NOT EXCEED 3/4" IN HEIGHT FOR EXTERIOR SLIDING DOORS OR 1/2" FOR OTHER TYPES OF DOORS. RAISED THRESHOLDS AND FLOOR LEVEL CHANGES AT ACCESSIBLE DOORWAYS SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2.

DOORWAYS SHALL HAVE A MINIMUM CLEAR OPENING OF 32" WITH THE DOOR OPEN 90°, MEASURED BETWEEN THE FACE OF THE DOOR AND THE OPPOSITE STOP. OPENINGS MORE THAN 24" IN DEPTH SHALL MAINTAIN 32" MIN CLEARANCE.

RAMP NOTES

THE CLEAR SPACE BETWEEN THE HANDRAIL AND THE WALL SHALL BE MIN 1-1/2" CLEAR.

GRIPPING SURFACES SHALL BE CONTINUOUS AND UNOBSTRUCTED..

ENDS OF HANDRAILS SHALL BE EITHER ROUNDED OR RETURNED SMOOTHLY TO FLOOR, WALL, OR POST.

HANDRAILS SHALL NOT ROTATE WITHIN THEIR FITTINGS.

THE CROSS SLOPE OF RAMP SURFACES SHALL BE NO GREATER THAN 1:50.

OUTDOOR RAMPS AND THEIR APPROACHES SHALL BE DESIGNED SO THAT WATER WILL NOT ACCUMULATE ON WALKING SURFACES.

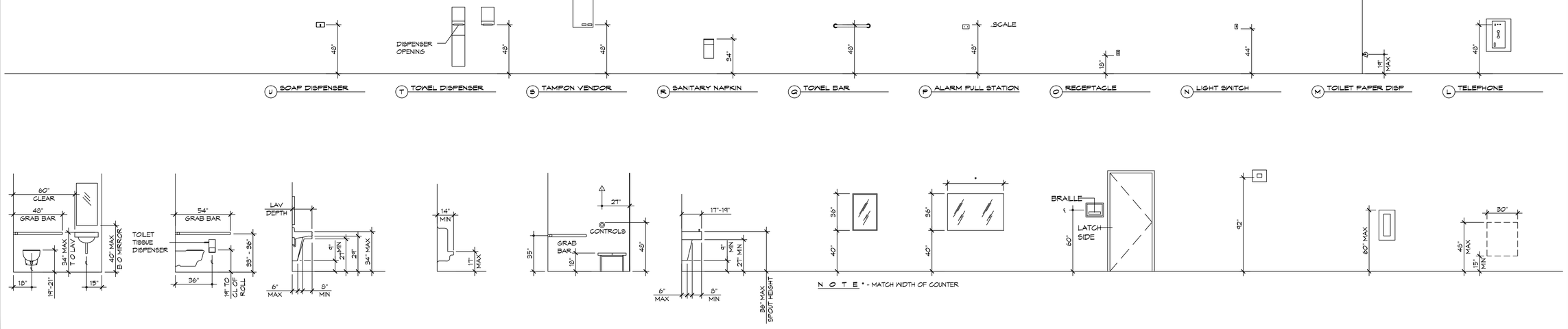
RAMPS AND LANDINGS WITH DROP-OFFS SHALL HAVE CURBS, WALLS, RAILINGS, OR PROJECTING SURFACES THAT PREVENT PEOPLE FROM SLIPPING OFF THE RAMP. CURBS SHALL BE A MINIMUM OF 2" HIGH.

HANDRAILS SHALL BE PROVIDED ALONG BOTH SIDES OF RAMP SEGMENTS. THE INSIDE HANDRAIL ON SWITCHBACK OR DOGLEG RAMPS SHALL ALWAYS BE CONTINUOUS.

RAMP LANDINGS SHALL BE AT LEAST AS WIDE AS THE RAMP RUN LEADING TO IT.

GENERAL SITE ACCESSIBILITY NOTES

1. ACCESSIBILITY SIGNAGE SHALL COMPLY WITH ADAAG 2010 GUIDELINES SECTION 703.7.
2. SEE SHEET G003 FOR ACCESSIBLE RAMP AND HANDRAIL DESIGNS WHERE THEY OCCUR.
3. ALL ACCESSIBLE PARKING SPACES AND AISLES THAT SERVE THEM SHALL COMPLY WITH ADAAG 2010 GUIDELINES SECTIONS 502.4 AND 502.5.
4. OPENINGS IN GROUND SURFACES SHALL COMPLY WITH ADAAG 2010 GUIDELINES SECTION 302.3.
5. VERTICAL CHANGES IN ELEVATION ALONG ALL ACCESSIBLE ROUTES SHALL COMPLY WITH ADAAG 2010 GUIDELINES SECTIONS 303.2, 303.3, AND 303.4.
6. PARKING SPACES DESIGNATED AS ACCESSIBLE SHALL INCLUDE THE INTERNATIONAL SYMBOL OF ACCESSIBILITY COMPLYING WITH ADAAG 2010 GUIDELINES SECTIONS 703.7.2.1 AND 502.6.
7. ALL ACCESSIBLE PARKING SPACES AND ROUTES SERVING THEM SHALL HAVE A ROUGH, SLIP-RESISTANT SURFACE OR LIGHT BROOM FINISH IN COMPLIANCE WITH ADAAG 2010 GUIDELINES SECTION 302.1.



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

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#	DESCRIPTION	DATE

REVISIONS

SEAL:

JARED M. SIMONEAUX REG. NO. 7731 STATE OF LOUISIANA REGISTERED ARCHITECT

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

2145 LAKESHORE VISTA BLVD
SLIDELL, LA 70461

JOB No: 2514 | DATE: 12-03-2025
DRAWN BY: CKD | CHECKED BY: JMS

SHEET TITLE:
ACCESSIBILITY INFORMATION

DRAWING NUMBER:
G003

SHEET No: 3 of 37

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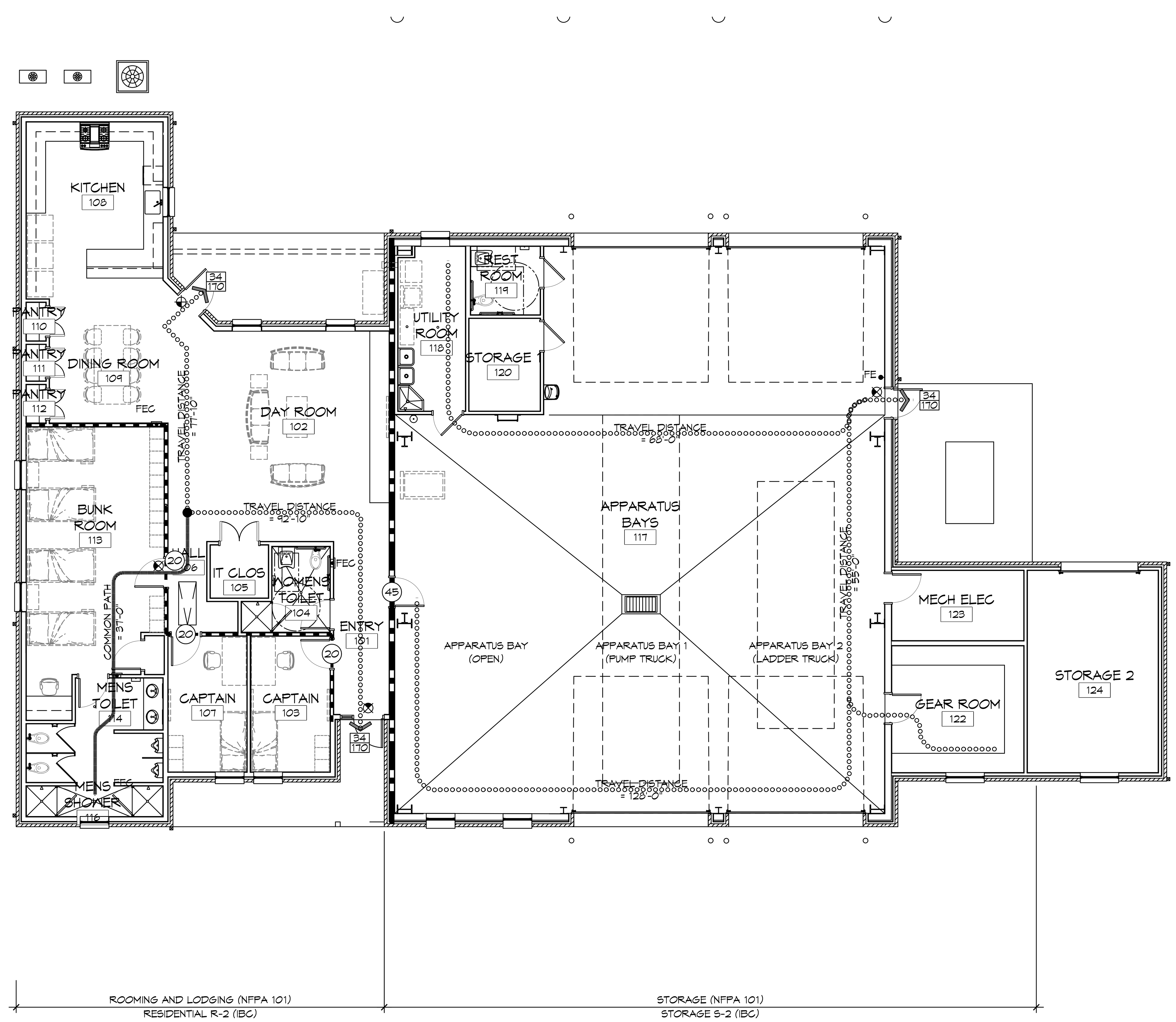
FILE NAME: J:\- Government\2519 - Fire Station #10\Drawings\Current Drawings\LS101-Life Safety & Building Code Information.dwg PLOT DATE & TIME: Friday, December 5, 2025 8:38:46 AM



1 LIFE-SAFETY PLAN
SCALE: 1/8" = 1'-0"

LIFE-SAFETY INFORMATION

APPLICABLE CODES
NFPA 101 LIFE-SAFETY CODE 2015

OCCUPANCY TYPE(S) AND CHAPTER(S)
ROOMING OR LODGING (CHAPTER 26)
BUSINESS (CHAPTER 38)
STORAGE (ORDINARY HAZARD) (CHAPTER 42)
MULTIPLE, MIXED, OR SEPARATE OCCUPANCY — *(REFERENCE CHAPTER 6)*

CLASSIFICATION OF HAZARD OF CONTENTS
(REFERENCE: OCCUPANCY CHAPTER AND 6.2.2: SPECIFY LOW, ORDINARY, OR HIGH)

CONSTRUCTION TYPE(S) *(REFERENCE: CHAPTER8, TABLE A.8.2.1.2 AND COMMENTARY TABLE 8.1 IN HANDBOOK)*
V(000)

MINIMUM CONSTRUCTION REQUIREMENTS — *(REFERENCE OCCUPANCY CHAPTER)*

APPLICABLE DEFINITIONS — *(REFERENCE: CHAPTER 2)*
N/A

OCCUPANCY

OCCUPANCY LOAD CALCULATIONS		*(REFERENCE: TABLE 7.3.1.2)*	
OCC/FUNCTION OF SPACE	FLOOR AREA PER OCC (SF) X	ACTUAL SF	OCCUPANT LOAD
ROOMING & LODGING	200	2,624 SF	14
STORAGE (S-2)	500	3,902 SF	9
	TOTAL	6,526 SF	23

INCIDENTAL USE AREAS AND REQUIRED SEPARATION

ROOM OR AREA	SEPARATION
N/A	

MEANS OF EGRESS
NUMBER OF EXITS — (REFERENCE: *OCCUPANCY CHAPTER AND TABLE A.7.6)*
3

MINIMUM EXIT SEPARATION DISTANCE FOR REMOTELY LOCATED EXITS
(REFERENCE: SECTION 7.5; SPECIFY 1/2 OR 1/3 DIAGONAL DISTANCE OF AREA SERVED)
1/3 DIAGONAL = 38'-10"

MAXIMUM DEAD-END CORRIDORS — *(REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)*

ROOMING & LODGING	NR
STORAGE	100

MAXIMUM COMMON PATH OF TRAVEL DISTANCE — *(REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)*

ROOMING & LODGING	NR
STORAGE	100'

MAXIMUM TRAVEL DISTANCE TO EXITS — *(REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)*

ROOMING & LODGING	NR
STORAGE	400'

CAPACITY OF MEANS OF EGRESS — *(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 ACCOMODATE 1/2 OCCUPANT LOAD OF BUILDING

FIRE RESISTANCE RATING REQUIREMENTS
CHAPTER 8

EXTERIOR BEARING WALLS	(REFERENCE TABLE A.8.2.1.2	0 HOURS
INTERIOR BEARING WALLS	(REFERENCE TABLE A.8.2.1.2)	0 HOURS
COLUMNS	(REFERENCE TABLE A.8.2.1.2)	0 HOURS
BEAMS, GIRDERS, TRUSSES, AND ARCHES	(REFERENCE TABLE A.8.2.1.2)	0 HOURS
FLOOR-CEILING ASSEMBLIES	(REFERENCE TABLE A.8.2.1.2)	0 HOURS
ROOF-CEILING ASSEMBLIES	(REFERENCE TABLE A.8.2.1.2)	0 HOURS
INTERIOR NON-BEARING WALLS	(REFERENCE TABLE A.8.2.1.2)	0 HOURS
EXTERIOR NON-BEARING WALLS	(REFERENCE TABLE A.8.2.1.2)	0 HOURS
SHAFT ENCLOSURE	*(SECTION 8.6.5)*	0 HOURS
EXIT ENCLOSURE		1 HOUR

OPENING PROTECTIVES — *(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 36)*	

EXTINGUISHMENT REQUIREMENTS		**SPRINKLER (REQUIRED)**
DETECTION, ALARM, AND COMMUNICATION SYSTEMS		YES
EMERGENCY LIGHTING		PER 38.2.6
EMERGENCY LIGHTING		PER 38.2.11.2
ALLOWABLE HEIGHT AND BUILDING AREA		PER IBC EQUIVALENT CONSTRUCTION TYPE
CONSTRUCTION TYPE (NFPA)		V(000)
CONSTRUCTION TYPE (IBC)		VB
MAXIMUM HEIGHT IN STORIES	*(REF: IBC TABLE 503)*	(R-2) 3 (S-2) 4
MAXIMUM HEIGHT IN FEET	*(REF: IBC TABLE 503)*	50 FEET
MAXIMUM AREA IN SQUARE FEET	*(REF: IBC TABLE 503)*	(R-2) 12,000 SF (S-2) 21,000 SF

LIFE-SAFETY LEGEND

SYMBOL	DESCRIPTION
〉	EXITS
(45)	DOOR FIRE RATING (MINUTES)
36/170	DOOR WIDTH/EGRESS CAPACITY
⊗	EXIT LIGHT
FEC	FIRE EXTINGUISHER AND CABINET - SEMI-RECESSED
● FE	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

APPLICABLE CODES
IBC 2021

OCCUPANCY TYPE OF GROUP(S) — *(IBC 2021 CHAPTER 13)*
STORAGE (S-2)
RESIDENTIAL (R-2)

CONSTRUCTION TYPE(S) — *(TABLE 503)*
VB

ALOWABLE HEIGHT AND BUILDING AREA LIMITED BY TYPE OF CONSTRUCTION

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 (S-2) 21,000 SF

MIXED USED OCCUPANCY
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

FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS
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

MAXIMUM AREA OF EXTERIOR WALL OPENINGS
TABLE 705.8

NOTES ON SPECIFIC, PERTINENT PLAN ISSUES
N/A

FIRE WALLS
SECTION 706, TABLE 706.4
REQUIRED? — NO
IF YES THEN NOTE REQUIRED RATING

FIRE BARRIERS
SECTION 707

SHAFT ENCLOSURE(S) - NOT REQUIRED RATING (SECTION 708.4)	NO PER 708.2.7.1
EXIT ENCLOSURE - NOTE REQUIRED RATING *(SECTION 1022.1)*	1 HOUR
EXIT PASSAGEWAY - NOTE REQUIRED RATING *(SECTION1023.3)*	1 HOUR
HORIZONTAL EXIT - NOTE REQUIRED RATING *(SECTION 1025.1)*	2 HOURS
ATRIUMS - NOTE REQUIRED RATING *(SECTION 404.6)*	N/A
SEPARATION FROM STAGE *(SECTION 410.5)*	N/A

OCCUPANT LOADS
IBC 2009. SECTION 1004, TABLE 1004.1.1)

OCCUPANCY/FUNCTION SPACE	FOOR AREA/OCCUPANT (SF)	OCCUPANT LOAD
R-2	2,624 SF /200 SF PER OCCUPANT	13 OCCUPANTS
S-2	3,902 SF /200 SF PER OCCUPANT	20 OCCUPANTS
	TOTAL	34

EXIT REQUIREMENTS
(IBC 2012 SECTION 1005)
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

TOTAL WIDTH OF EXITS
(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):		33.6 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 0535 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
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#	DESCRIPTION	DATE

REVISIONS

SEAL:

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:	JMS

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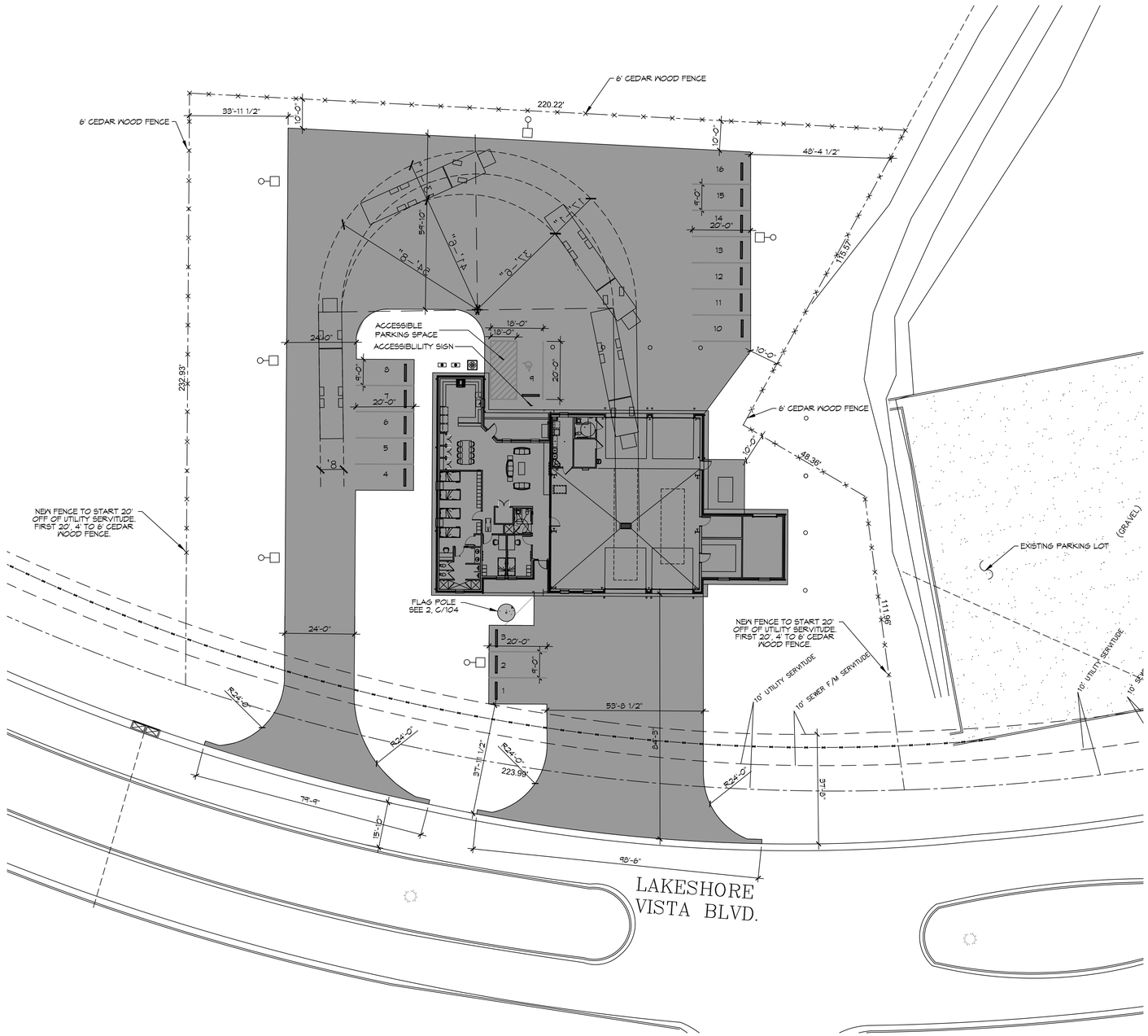
SHEET TITLE:
LIFE-SAFETY AND BUILDING CODE INFORMATION

DRAWING NUMBER:
LS101



1 PROPOSED SITE PLAN
SCALE: 1"=20'

PLANNING

ZONING DISTRICT - LV3 PERMITTED USE FIRE STATION

LOT #B-1B

FLOOD ZONE AH

BUILDING SETBACKS

FRONT SETBACK = 25'
REAR SETBACK = 10'
SIDE SETBACKS = 10'

PARKING REQUIREMENTS

15 REGULAR PARKING SPACES PROVIDED
1 HANDICAP PARKING SPACES PROVIDED
TOTAL PARKING SPACES PROVIDED 16

DAMMON ENGINEERING, INC.
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Slidell, LA 70458

#	DESCRIPTION	DATE

REVISIONS

SEAL:

JARED M. SIMONEAUX
REG. NO. 7731
STATE OF LOUISIANA
REGISTERED ARCHITECT

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

2145 LAKESHORE VISTA BLVD
SLIDELL, LA 70461

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

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SHEET TITLE:
PROPOSED SITE PLAN

DRAWING NUMBER:
C101

SHEET No: 5 of 37

SITE DRAINAGE LEGEND

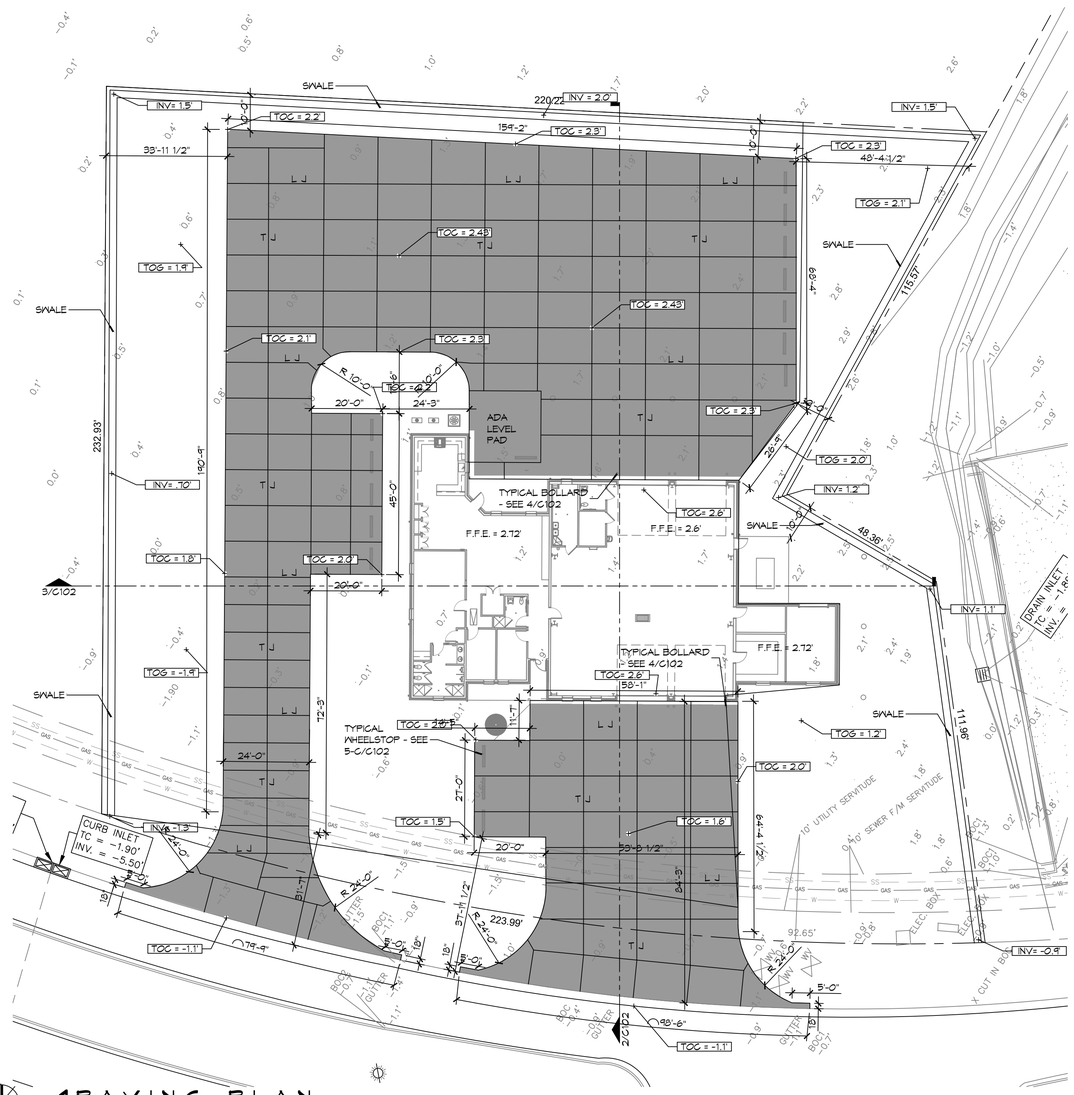
— — —	PROPERTY LINE
TC =11.4'	TOP OF CONCRETE
TOG =11.4'	TOP OF GRADE
INV =11.4'	INVERT OF PIPE
00.00	EXISTING ELEVATIONS
— ST — ST — ST —	NEW SUBSURFACE DRAINAGE PIPE
→	DRAINAGE FLOW DIRECTION ARROWS

AREA OF FILL (CUBIC YARDS)

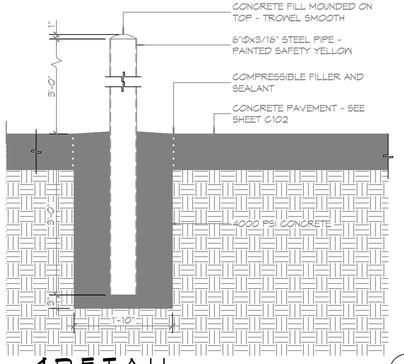
2,836 CUBIC YARDS

GENERAL PAVING NOTES

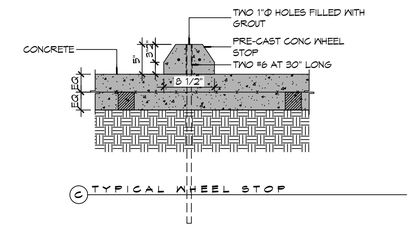
1. ALL NEW CONCRETE SHALL SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI AT 28 DAYS AND A MINIMUM THICKNESS OF 6". CONCRETE MIX SHALL BE IN ACCORDANCE WITH THE LATEST REVISION OF ASTM C-150 TYPE 1.
2. CONCRETE PAVING THICKNESS SHALL VARY AS FOLLOWS:
   a. APRONS & LOADING AREAS = 8" THICKNESS
   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 INSTALLED AS SHOWN ON THE PAVING PLAN 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 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.



1 PAVING PLAN
SCALE: 1"=20'-0"

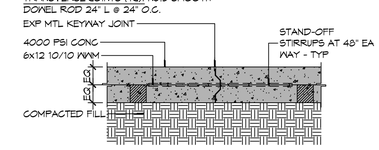


4 DETAIL
SCALE: 3/4" = 1'-0"
TYPICAL BOLLARD

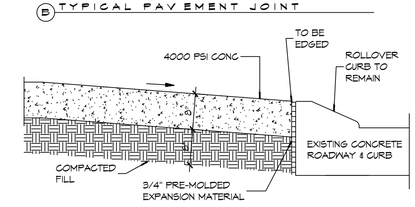


C TYPICAL WHEEL STOP

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.



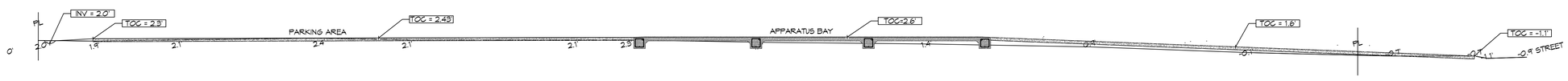
B TYPICAL PAVEMENT JOINT



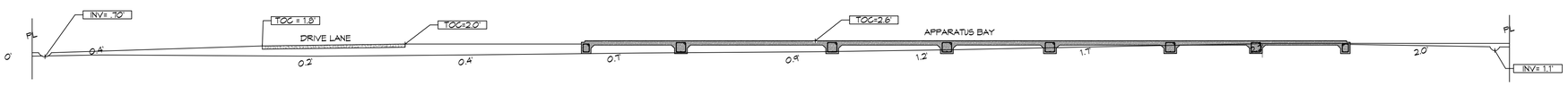
NOTE:
APRON SHALL BE MINIMUM 8" THICK CONCRETE OVER 6" COMPACTED SAND BASE. CONCRETE SHALL BE 4000 PSI.

A EXISTING PAVING TO NEW PAVING

5 PAVING DETAIL
SCALE: N.T.S.



2 SITE PROFILE
SCALE: 1"=10'



3 SITE PROFILE
SCALE: 1"=20'

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#	DESCRIPTION	DATE
	REVISIONS	

SEAL:

STATE OF LOUISIANA — BRIAN A. MISTICH — License No. 30187 — PROFESSIONAL ENGINEER

NEW FIRE STATION #10
ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1
2745 LAKESHORE VISTA BLVD
SLIDELL, LA 70461

JOB No:	2514	DATE:	12-03-2025
DRAWN BY:	GKD	CHECKED BY:	BAM

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

DRAWING NUMBER:
C102

SHEET No: 6 of 37

SITE LIGHTING

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

GENERAL SITE UTILITIES NOTES

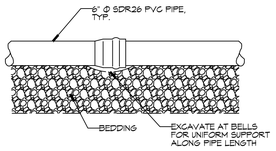
1. ALL CONSTRUCTION SHALL COMPLY WITH CONTRACT SPECIFICATIONS AND APPLICABLE LOCAL, STATE, AND FEDERAL STANDARDS AND REGULATIONS.
2. CONSTRUCTION SHALL NOT INTERRUPT EXISTING UTILITIES.
3. ALL DISTURBED GROUND SHALL BE RESTORED IN KIND TO A CONDITION EQUAL TO OR BETTER THAN ORIGINALLY FOUND.
4. SOIL 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.

SITE UTILITIES LEGEND

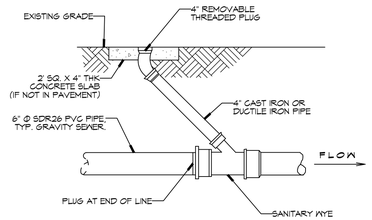
- EXISTING WATER LINE
- NEW WATER LINE
- EXISTING GAS LINE
- NEW GAS LINE
- EXISTING SEWER LINE
- NEW SEWER LINE
- NEW WASTE LINE
- UNDERGROUND POWER
- STORM WATER
- DIRECTION OF SLOPE
- DIRECTION OF FLOW
- CHECK VALVE (BACK FLOW PREVENTER)
- LINE CLEAN OUT
- CONNECTION TO EXIST METER (WATER OR GAS)
- ORION LIGHTING

IAHP1-A1-UNV-FD-T30-XX-T4-T52-SP

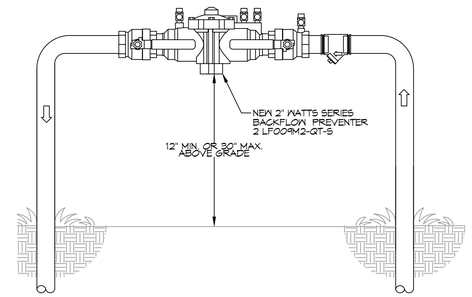
AREA LIGHT TYPE IV,30K, 76W 13000 LUMENS ON 16' SQUARE STRAIGHT STEEL POLE. SEE PLAN FOR PLACEMENT



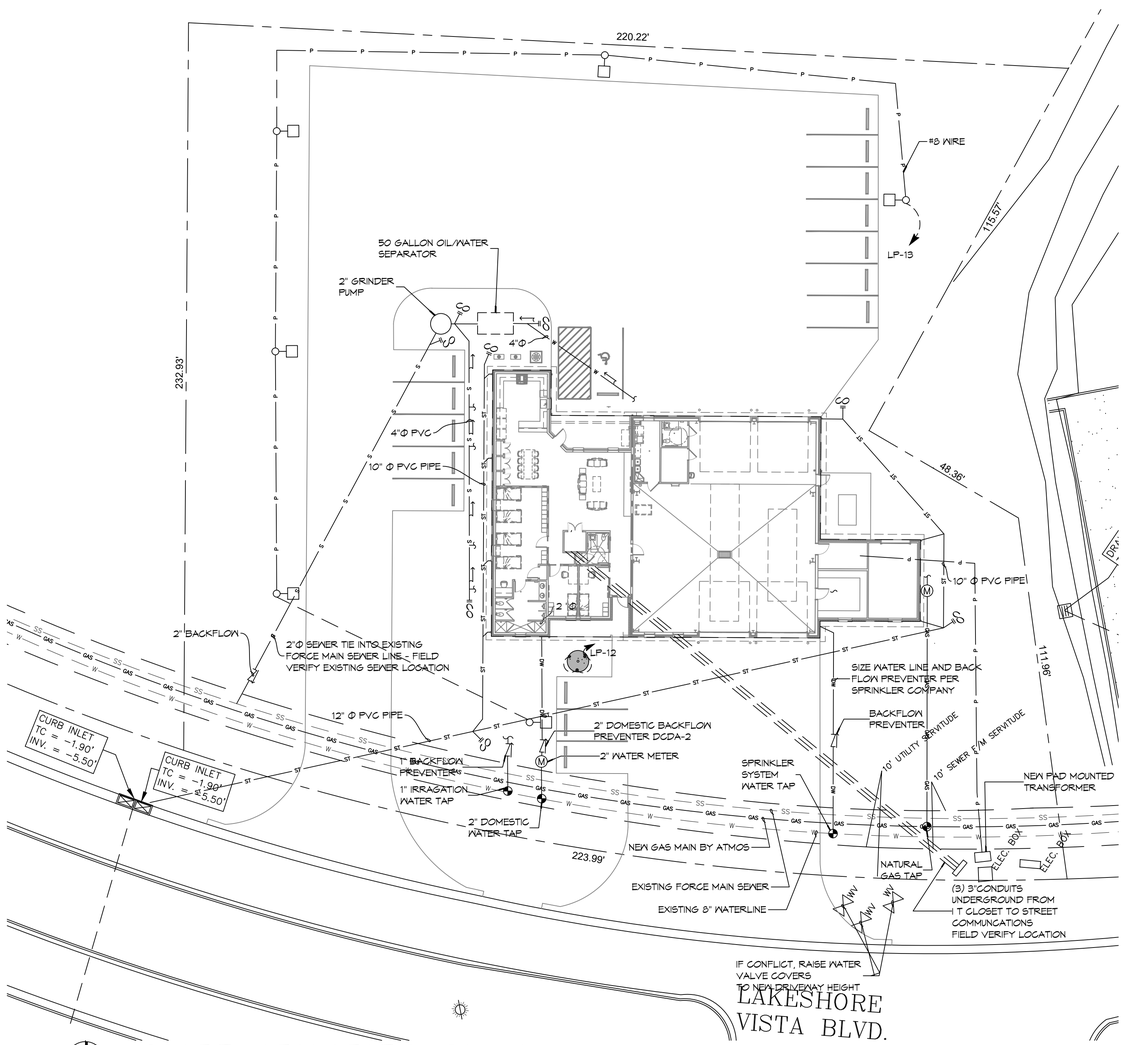
2 DETAIL SCALE: NTS — SERVICE LATERAL DETAIL



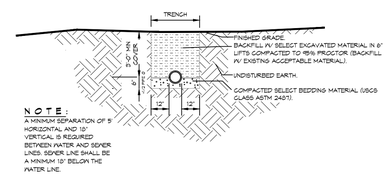
3 DETAIL SCALE: NTS — THROUGH FLOW CLEAN OUT DETAIL



4 TYPICAL RISER DETAIL SCALE: N.T.S. — TYPICAL



1 SITE UTILITIES PLAN SCALE: 1" = 20'



NOTE:
A MINIMUM SEPARATION OF 5' HORIZONTAL AND 18" VERTICAL IS REQUIRED BETWEEN WATER AND SEWER LINES. SEWER LINE SHALL BE A MINIMUM 18" BELOW THE WATER LINE.

5 DETAIL SCALE: N.T.S. — SEWER AND WATER SEPERATION

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Louisiana Division
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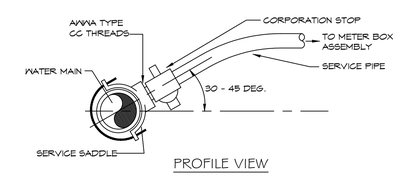
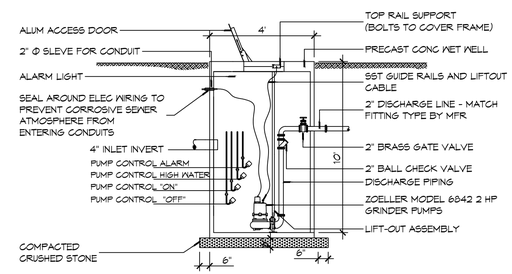
kathleen.dufour@atmosenergy.com

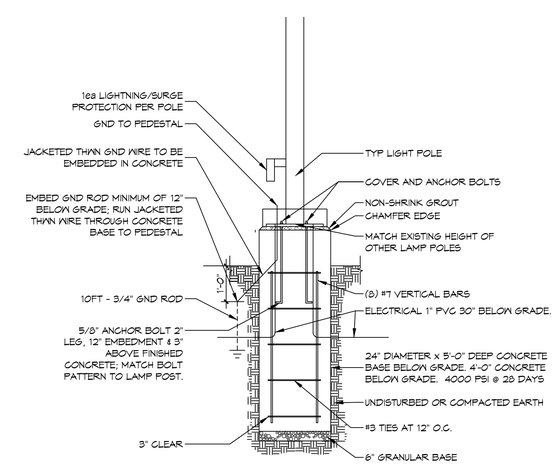
CONTACT FOR MAGNOLIA WATER
Steve Ernst
Director, Louisiana Regulatory Relations
Email: sernst@csurgroup.com
M:(985) 640-1355



6 WATER SERVICE CONNECTION SCALE: N.T.S. — TYPICAL



7 GRINDER PUMP SCALE: N.T.S. — TYPICAL



8 LIGHT POLE DETAIL SCALE: N.T.S. — TYPICAL

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Slidell, LA 70458

#	DESCRIPTION	DATE

REVISIONS

SEAL: STATE OF LOUISIANA — BRIAN A. MISTICH — License No. 30187 — PROFESSIONAL ENGINEER

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NEW FIRE STATION #10
ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1
2745 LAKESHORE VISTA BLVD
SLIDELL, LA 70461

JOB No:	2919
DATE:	12-03-2025
DRAWN BY:	CKD
CHECKED BY:	BAM

SHEET TITLE:
SITE PLAN - SITE UTILITIES AND DETAILS

DRAWING NUMBER:
C103

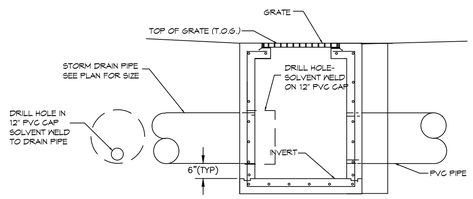
SHEET No: 7 of 37

GENERAL SITE DRAINAGE NOTES

1. DRAIN PIPE(S) ALONG AIRPORT 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. REMOVE DEBRIS AND CLEAN BOTTOM OF DITCHES DOWN 6" IN DEPTH - REPLACE ANY BROKEN/CRUSHED PIPES OR CULVERTS WITH SAME SIZE AND TYPE.
3. DRAIN PIPE AND FITTINGS WITHIN PROPERTY LINE SHALL BE POLYVINYL CHLORIDE PLASTIC PIPE, MEETING CLASS 100 C-900 PVC.
4. ELEVATIONS SHOWN ARE M.S.L.
5. FIELD VERIFY ALL ELEVATIONS AND AND DRAINAGE SYSTEM PLACEMENT PRIOR TO START OF WORK.
6. 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.

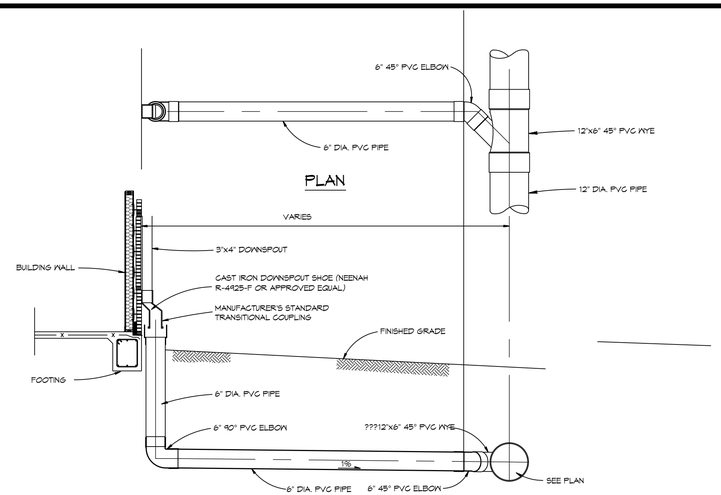
SITE DRAINAGE LEGEND

- PROPERTY LINE
- TC =11.47' — TOP OF CONCRETE
- TOG =11.47' — TOP OF GRADE
- INV =11.47' — INVERT OF PIPE
- 00.00 — EXISTING ELEVATIONS
- ST — NEW SUBSURFACE DRAINAGE PIPE
- DRAINAGE FLOW DIRECTION ARROWS

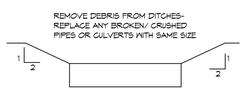


NOTE: SEE PLUMBING FIXTURE SCHEDULE DRAWING P103 FOR MODEL NUMBER OF CATCH BASIN.

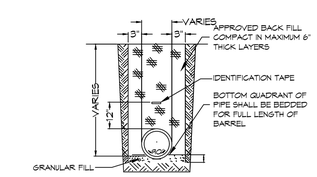
7 DETAIL
SCALE: N.T.S. — TYPICAL CATCH BASIN



6 DETAIL
SCALE: 3/4" = 1'-0" — TYPICAL ROOF DRAIN

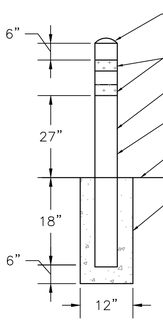


5 DETAIL
SCALE: N.T.S. — TYPICAL SWALE

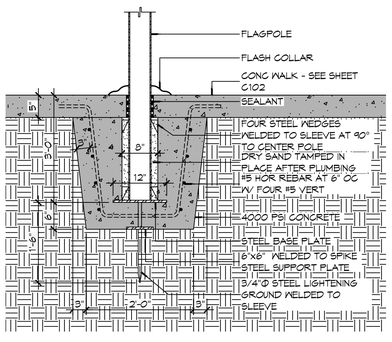


NOTES:
1) DRAIN PIPE & FITTINGS SHALL BE POLYVINYL CHLORIDE PLASTIC PIPE, MEETING CLASS 100 C-900 PVC.
2) ELEVATIONS SHOWN ARE M.S.L.

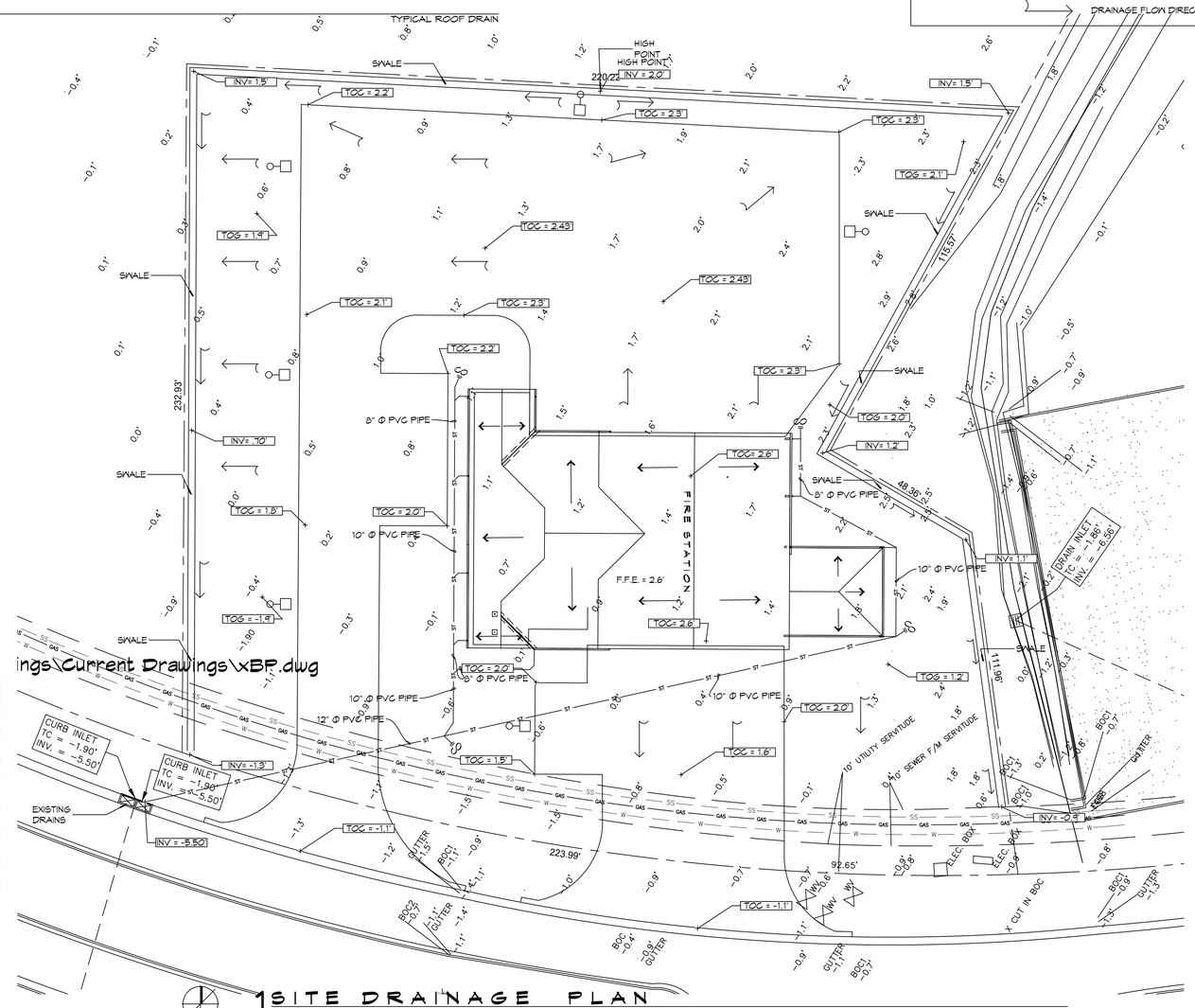
4 DETAIL
SCALE: N.T.S. — TYPICAL DRAIN PIPE



3 DETAIL
SCALE: 3/4" = 1'-0" — TYP BOLLARD DETAIL



2 DETAIL
SCALE: 3/4" = 1'-0" — FLAGPOLE FOUNDATION



1 SITE DRAINAGE PLAN
SCALE: 1"=20'

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PH: 985.649.5832
Chief Engineer: Brian Mistich, PE
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Slidell, LA 70458

#	DESCRIPTION	DATE
	REVISIONS	

SEAL:

STATE OF LOUISIANA — BRIAN A. MISTICH License No. 30187 — PROFESSIONAL ENGINEER

NEW FIRE STATION #10
ST. TAMMANY FIRE PROTECTION DISTRICT No. 1
2145 LAKESHORE VISTA BLVD
SLIDELL, LA 70461

JOB No:	2919
DATE:	12-03-2025
DRAWN BY:	GCD
CHECKED BY:	BAM

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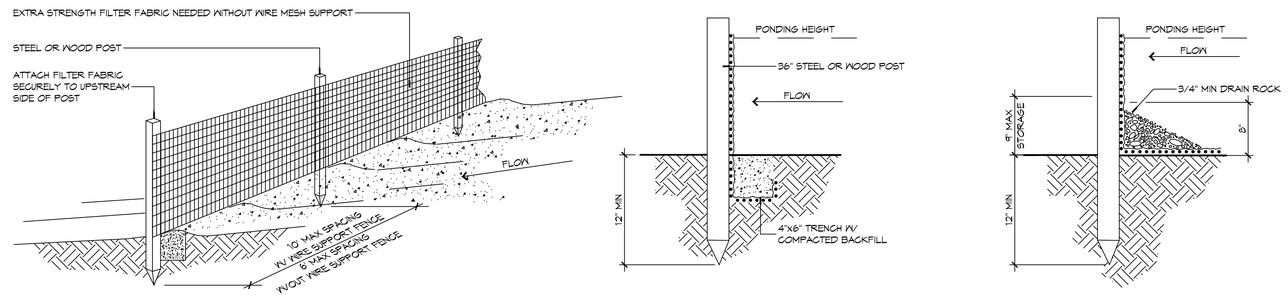
SHEET TITLE:
SITE PLAN - DRAINAGE AND DETAILS

DRAWING NUMBER:
C104

SHEET No: 8 of 37

FILE NAME: J:_Government\2919 - Fire Station #10\Drawings\Current Drawings\C104P - Drainage Plan & Details.dwg PLOT DATE & TIME: Wednesday, December 3, 2025 3:31:01 PM



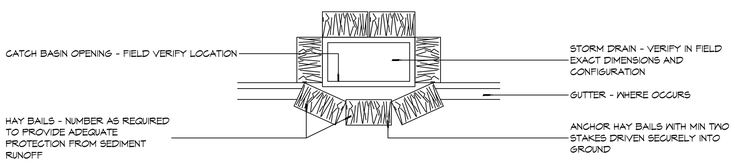
C SILT FENCE

B FENCE WITH FENCE

A FENCE WITHOUT TRENCH

4 DETAILS
SCALE: NTS

ERISION CONTROL FENCE AT PROPERTY LINE OR LIMITS OF CONSTRUCTION

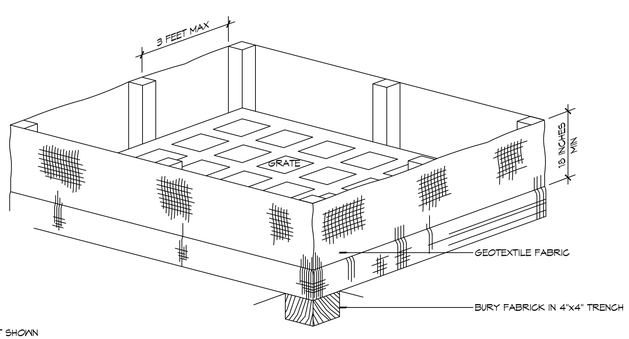


3 DETAIL
SCALE: NTS

CATCH BASIN PROTECTION

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

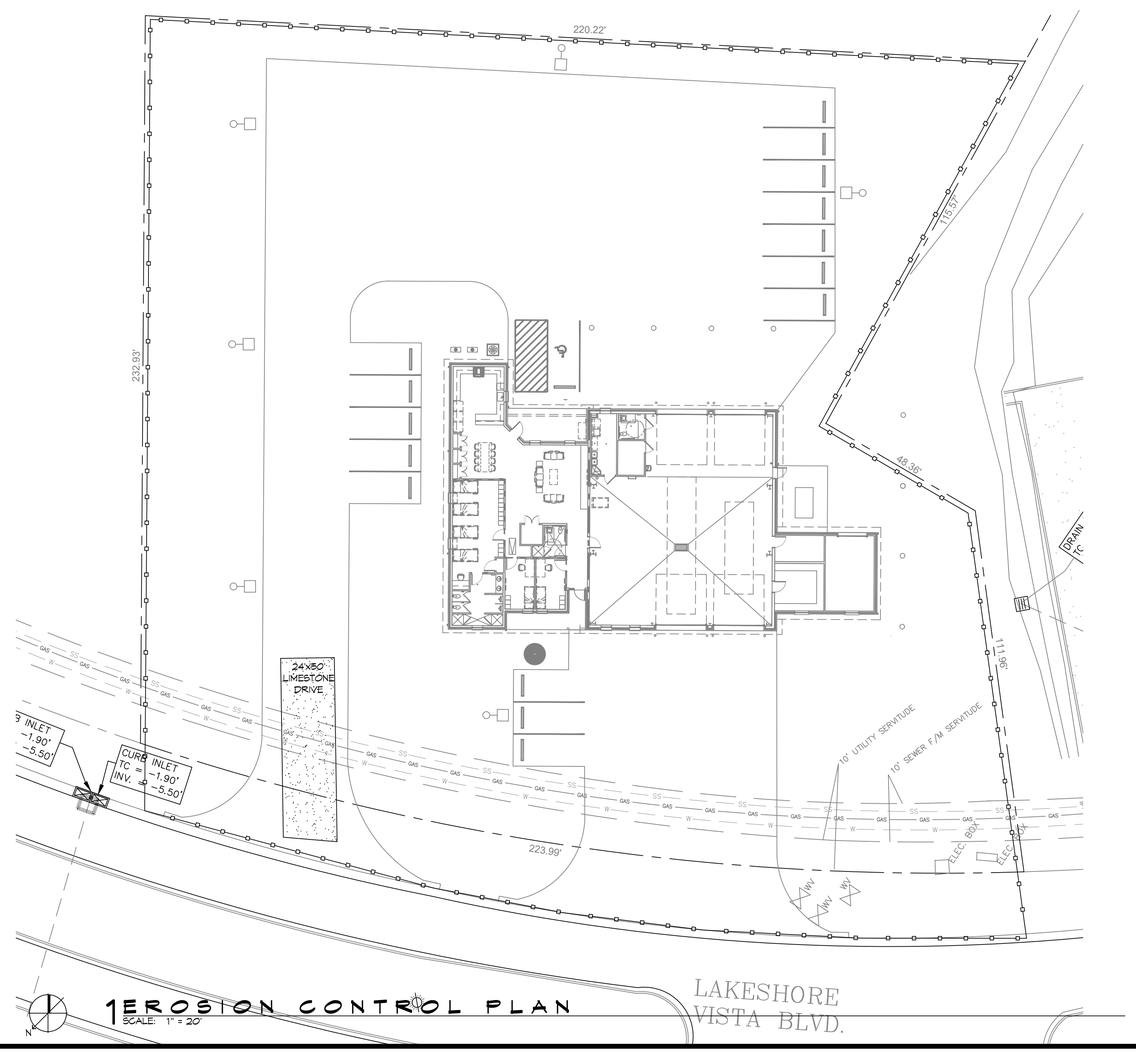
1. THE GEOTEXTILE FABRIC SHALL CONFORM TO SECTION 1019 (TYPE G) OF THE LA DOTD STANDARD SPECIFICATIONS.
2. WOODEN STAKES SUPPORTING THE FABRIC SHALL BE SPACED AROUND THE INLET AT A MAXIMUM SPACING OF 3 FEET.
3. THE HEIGHT OF THE FABRIC ABOVE THE INLET SHALL BE LIMITED TO 1'-6" AND THE BOTTOM OF THE FABRIC SHALL BE BURIED IN A TRENCH APPROXIMATELY 4" WIDE BY 4" DEEP. THE FABRIC SHALL BE STAPLED TO POST WITH 1/2" STAPLES.
4. THE TRAP SHOULD BE INSPECTED REGULARLY AND AFTER EACH STORM. THE SEDIMENT SHOULD BE REMOVED AND MAKE SURE EACH STAKE IS FIRMLY IN THE GROUND.



BACKFILL SOIL NOT SHOWN

2 DETAIL
SCALE: NTS

EROSION CONTROL FENCE AT GRATE



1 EROSION CONTROL PLAN
SCALE: 1" = 20'

GENERAL EROSION CONTROL NOTES

1. ALL APPLICABLE EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IN PLACE PRIOR TO ANY GRADING OPERATION AND/OR INSTALLATION OF PROPOSED STRUCTURES OR UTILITIES.
2. SOIL EROSION AND SEDIMENT CONTROL PRACTICES ON THIS PLAN SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARDS OF THE AUTHORITY HAVING JURISDICTION.
3. APPLICABLE EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE LEFT IN PLACE UNTIL CONSTRUCTION IS COMPLETED AND/OR THE AREA IS STABILIZED.
4. THE CONTRACTOR SHALL PERFORM ALL WORK, FURNISH ALL MATERIALS, AND INSTALL ALL MEASURES REQUIRED TO REASONABLY CONTROL THE SOIL EROSION RESULTING FROM CONSTRUCTION OPERATIONS AND PREVENT EXCESSIVE FLOW OF SEDIMENT FROM THE CONSTRUCTION SITE.
5. ANY DISTURBED AREA THAT IS TO BE LEFT EXPOSED FOR MORE THAN THIRTY (30) DAYS AND NOT SUBJECT TO CONSTRUCTION TRAFFIC SHALL IMMEDIATELY RECEIVE A TEMPORARY SEEDING AND FERTILIZATION IN ACCORDANCE WITH THE AUTHORITY HAVING JURISDICTION'S STANDARDS.
6. THE SITE SHALL BE AT ALL TIMES BE GRADED AND MAINTAINED SUCH THAT ALL STORMWATER RUNOFF IS DIVERTED TO SOIL EROSION AND SEDIMENT CONTROL FACILITES.
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 LEVEL, IF NECESSARY, TO MARK BASE POINTS BEFORE INSTALLATION.
2. INSTALL POSTS 3 - 4 FEET APART IN CRITICAL WATER RETENTION AREAS AND 6 - 7 FEET APART ON STANDARD APPLICATIONS.
3. INSTALL POSTS 24" DEEP ON THE DOWNSTREAM SIDE OF THE SILT FENCE, AND AS CLOSE AS POSSIBLE TO THE FABRIC, ENABLING POSTS TO SUPPORT THE FABRIC FROM UPSTREAM WATER PRESSURE.
4. INSTALL POSTS WITH THE NIPPLES FACING AWAY FROM THE SILT FENCE FABRIC.
5. ATTACH THE FABRIC TO EACH POST WITH THREE TIES, ALL SPACED WITHIN THE TOP 8" OF THE FABRIC. ATTACH EACH TIE DIAGONALLY 45° THROUGH THE FABRIC, WITH EACH PUNCTURE AT LEAST 1" VERTICALLY APART. ADDITIONALLY, EACH TIE SHOULD BE POSITIONED TO HANG ON 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. COMPACTING 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 SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.
11. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY. NINE INCH MAXIMUM RECOMMENDED STORAGE HEIGHT.
12. REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL OT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.

EROSION CONTROL LEGEND

HAY BALE

SILT FENCE

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NEW FIRE STATION #10
ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1
27145 LAKESHORE VISTA BLVD
SLIDELL, LA 70461

JOB No:	2514
DATE:	12-03-2025
DRAWN BY:	CKD
CHECKED BY:	BAM

SHEET TITLE:
SITE PLAN - EROSION CONTROL AND DETAILS

DRAWING NUMBER:
C105

SHEET No: 9 of 37

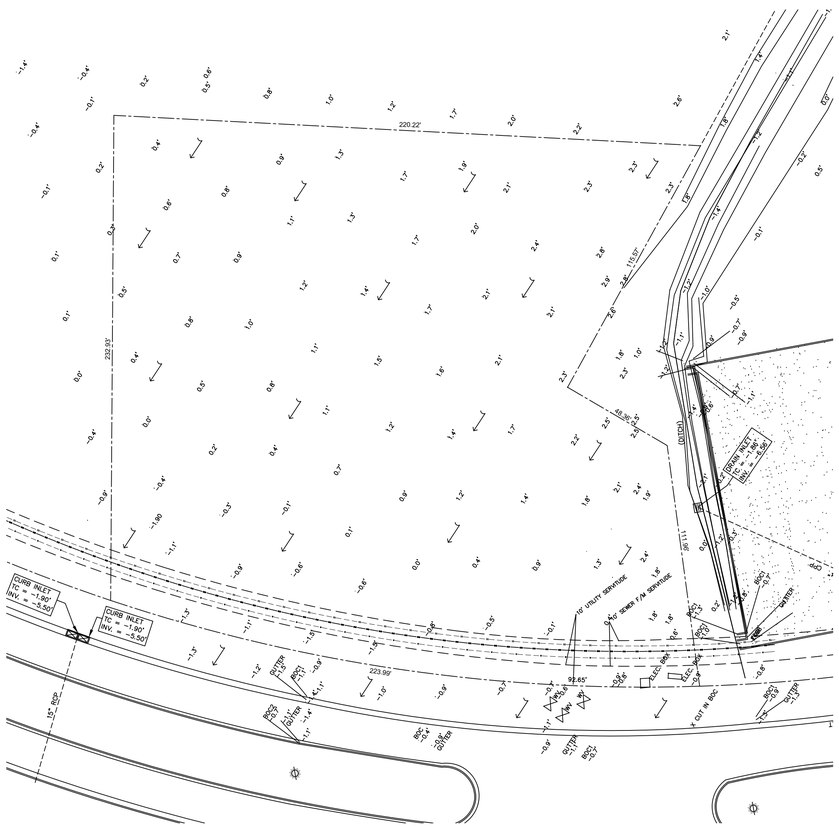
PRE & POST WATER FLOW

PRE DEVELOPMENT DRAINAGE FLOW

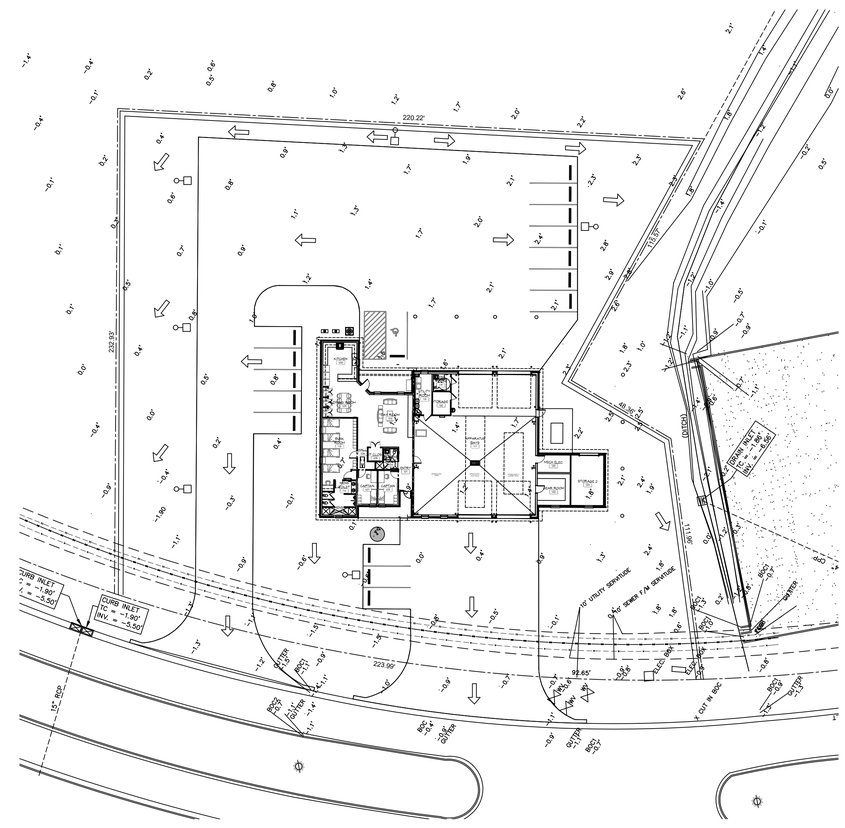
POST DEVELOPMENT DRAINAGE FLOW

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.



1 PRE DEVELOPMENT
SCALE: 1" = 30'-0"



2 POST DEVELOPMENT
SCALE: 1" = 30'-0"

PRE HARD & GREEN SPACE

EXISTING AREA - 1.159 ACRES = 50,491 SQ. FT.

GREEN AREA = 50,491 SQ. FT.

POST HARD & GREEN SPACE

EXISTING AREA - 1.159 ACRES = 50,491 SQ. FT.
BUILDING AREA = 6,526 SQ. FT.
CONCRETE PAVING AREA = 22,885 SQ. FT.
GREEN AREA = 21,080 SQ. FT.

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JOB No:	2519	DATE:	12-03-2025
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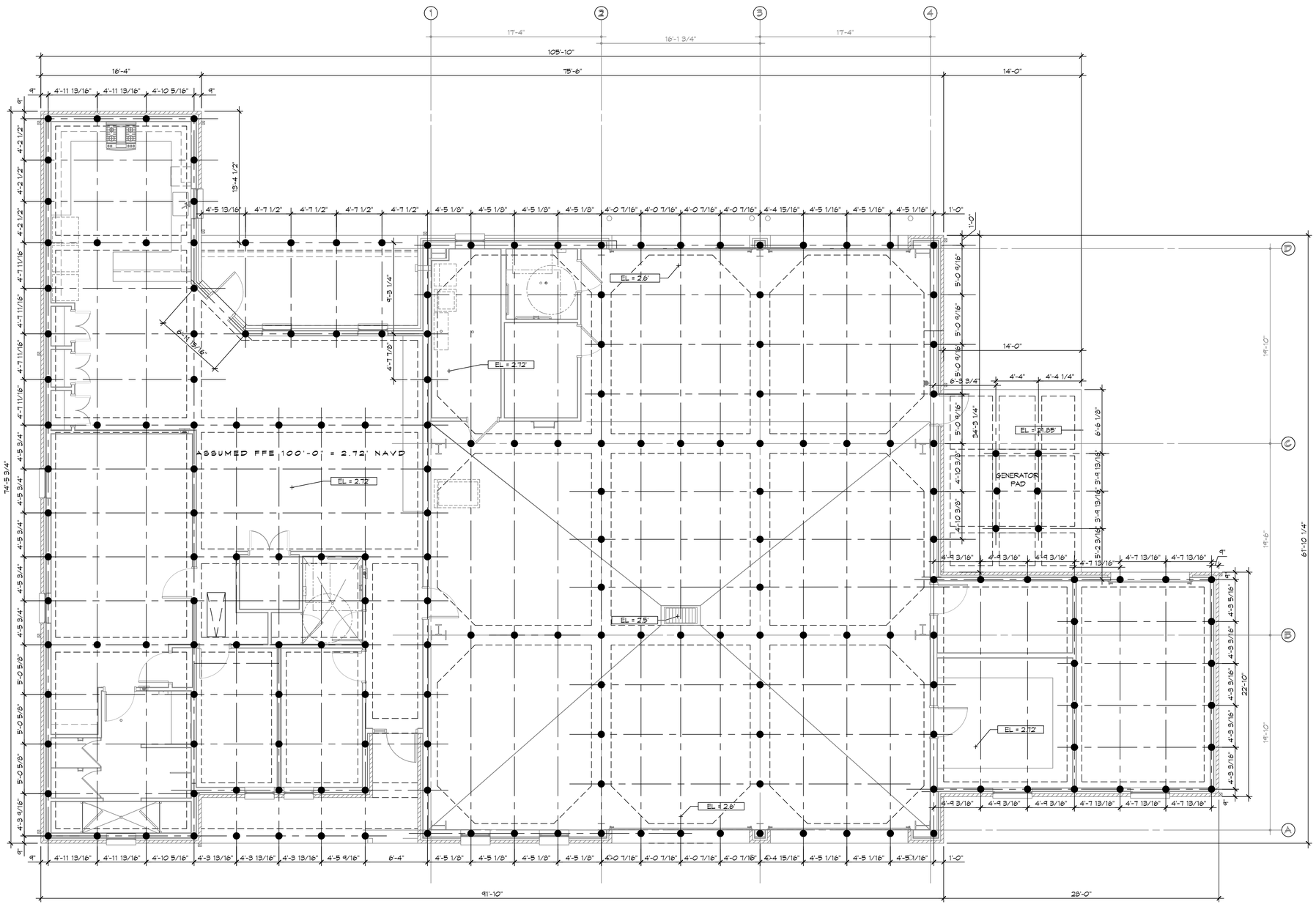
SHEET TITLE:
PRE AND POST DEVELOPMENT

DRAWING NUMBER:
C106

SHEET No: 10 of 37



PILING GENERAL ARRAINGMENT

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

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.
2. DESIGN LOAD = 5 TONS PER PILE.
3. NO FIELD SUPERVISION OR INSPECTION PROVIDED UNDER THIS SEAL UNLESS OTHERWISE NOTED.
4. 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 7,500 FT-LBS OF ENERGY PER BLOW, RAM WEIGHT OF DROP HAMMER SHALL NOT EXCEED 2,500 TO 3,000 LBS AND THE DROP SHOULD NOT EXCEED 3 FT., AT MINIMUM OF 25 BLOWS PER FOOT. IF THE DROP EXCEEDS 3 FT., CONTACT ENGINEER FOR INSTRUCTIONS.
10. FIELD VERIFY DIMENSIONS AGAINST THE ARCHITECTURAL DRAWINGS

PILING COUNT

189 PILING COUNT

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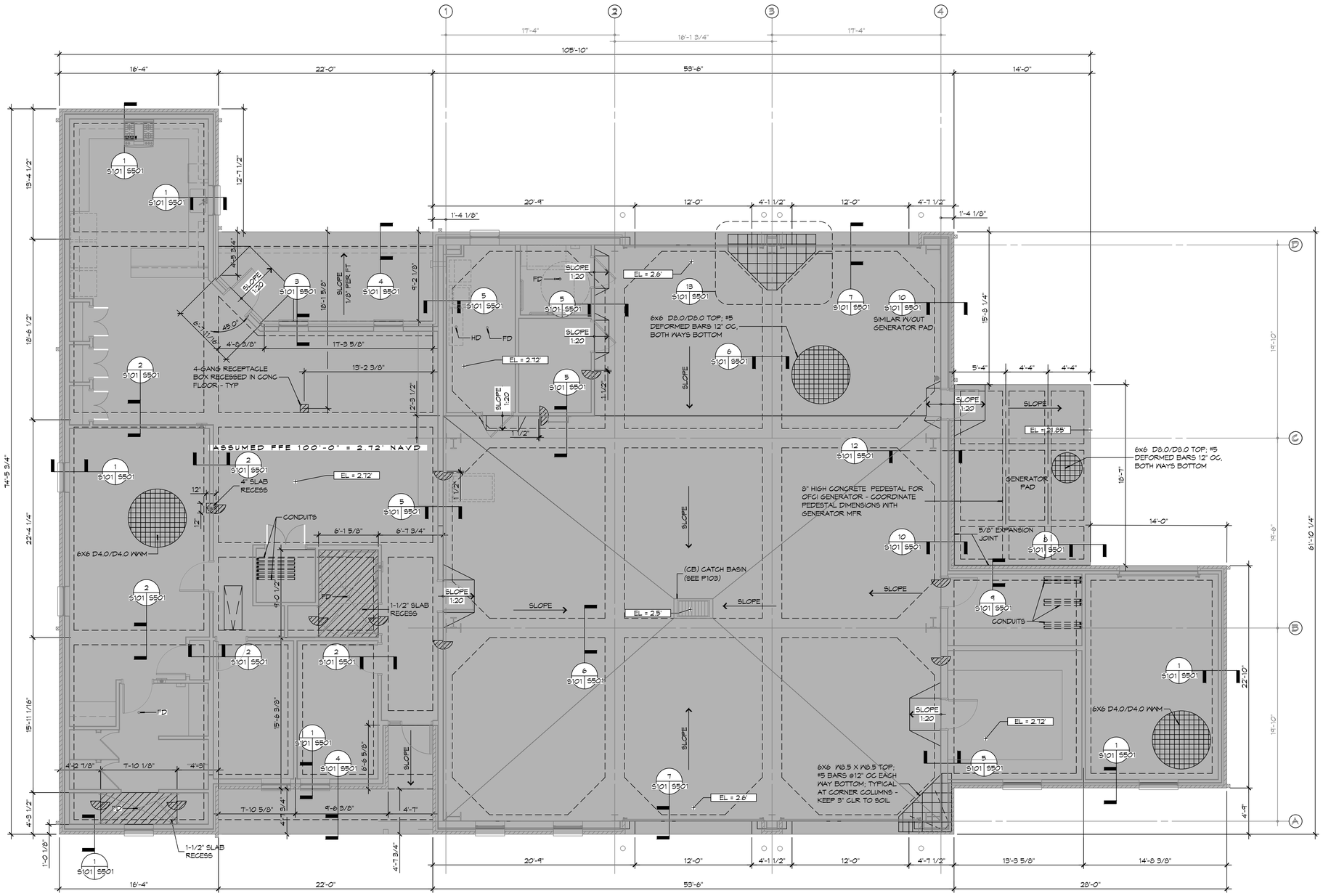
SHEET TITLE:
PILING GENERAL ARRAIGNMENT

DRAWING NUMBER:
PGA1

SHEET No: 11 of 37



1 S101 S101 FOUNDATION PLAN
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-318.
5. ALL 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 WRAP, ECOSHIELD-E 15 MIL BY EPRO, OR IRONBAR 15 BY FLATIRON FILMS. PROVIDE APPROPRIATE ACCESSORIES FOR A COMPLETE SYSTEM.
7. ALL REINFORCING STEEL AND MESH SHALL BE SECURELY SUPPORTED TO PREVENT BOTH VERTICAL AND HORIZONTAL MOVEMENT DURING CONCRETE PLACEMENT.
8. 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. NON 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.

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 UNDERCUT 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 THE 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 EXCAVATIONS AND NOT BE ALLOWED TO POND PRIOR OR AFTER CONCRETE PLACEMENT. IF IT IS REQUIRED THAT A FOOTING EXCAVATIONS BE LEFT OPEN FOR MORE THAN ONE DAY, THEY SHOULD BE PROTECTED TO REDUCE EVAPORATION OR ENTRY OF MOISTURE.

FOUNDATION STATISTICS

FOUNDATION AREA:

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

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JOB No:	2519	DATE:	12-03-2025
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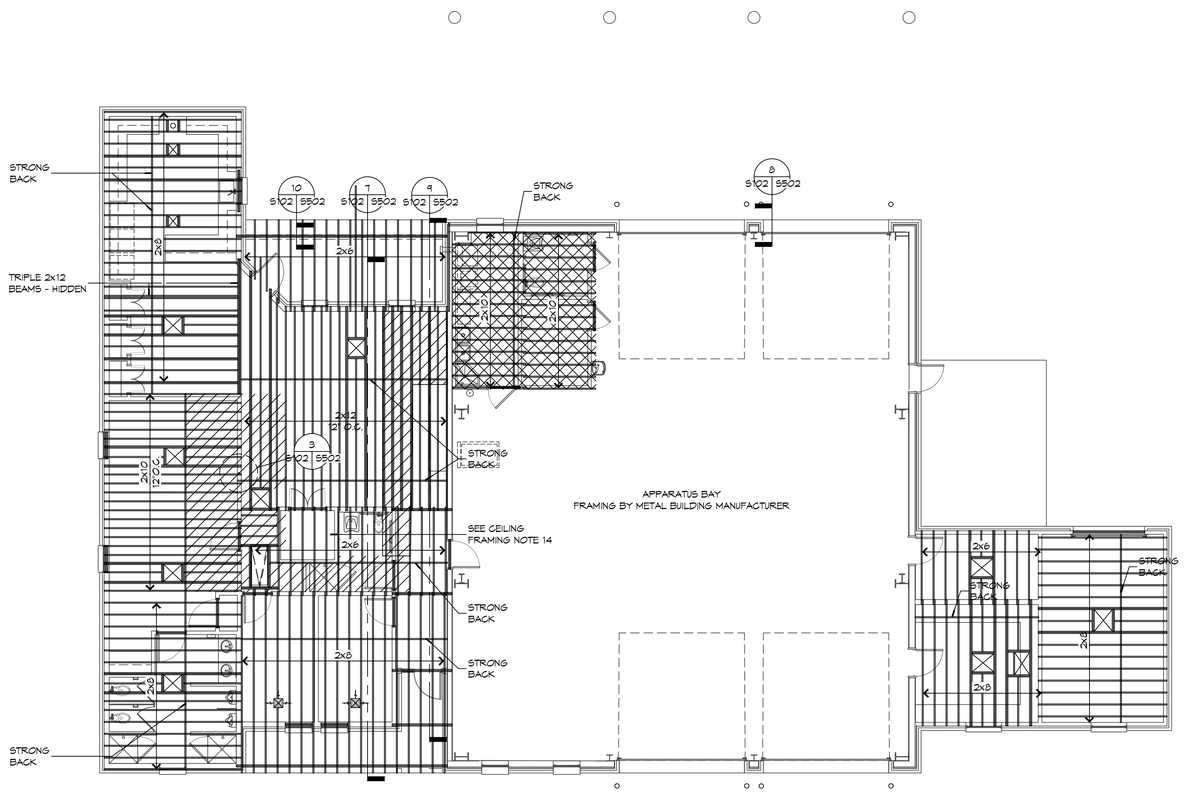
SHEET TITLE:
FOUNDATION PLAN, DETAILS AND NOTES

DRAWING NUMBER:
S101

SHEET No: 11 of 37



1 S102 S502 CEILING FRAMING PLAN
SCALE: 1/8" = 1'-0"

DESIGN CRITERIA

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 (WFCM) 2001 EDITION AS WELL AS THE INTERNATIONAL RESIDENTIAL CODE (IRC) 2021 EDITION

GENERAL CEILING FRAMING NOTES

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 S102.1 AND S102.2 FOR HEADER SCHEDULE. ALL HEADERS WILL 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 W/EQUIPMENT 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.

LEGEND

- 2x8 — CEILING JOIST SPAN DIRECTION AND JOIST SIZE
- EXTENTS OF 3/4" PLYWOOD DECK
- EXTENTS OF 5/8" PLYWOOD DECK
- FRAMED OPENING

TABLE S102.1 - HEADER SPANS - INTERIOR LOADBEARING WALLS WFCM 2001 Table 3.24A1 & 3.24B1

HEADER SUPPORTING	SIZE	BUILDING WIDTH (FT) 12	24	36
		SPAN (FT - IN)		
ONE FLOOR (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"
	(4) 2x12	11'-0"	8'-7"	7'-4"
TWO FLOORS ONLY (CENTER BEARING)	(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"
	(4) 2x10	7'-5"	5'-9"	4'-11"
	(4) 2x12	8'-0"	6'-4"	5'-6"

MAXIMUM SPAN 16'-0"
NOTE: BUILDING WIDTH IS MEASURE PERPENDICULAR TO THE RIDGE. FOR WIDTHS BETWEEN THOSE SHOWN, SPANS ARE PERMITTED TO BE INTERPOLATED.

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

HEADER SIZE	SPAN	NUMBER FULL HEIGHT STUDS REQ AT EA END
(2) 2x4	4'-0"	TWO
(2) 2x6	4'-10"	TWO
(2) 2x8	5'-4"	TWO
(2) 2x10	5'-8"	TWO
(2) 2x12	6'-1	TWO
(3) 2x8	6'-6"	THREE
(3) 2x10	7'-0"	THREE
(3) 2x12	7'-5"	THREE
(4) 2x8	7'-6"	FOUR
(4) 2x12	8'-7"	FOUR

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

NOTE:
1. ALL HEADERS SHALL HAVE SOLID BLOCKING.

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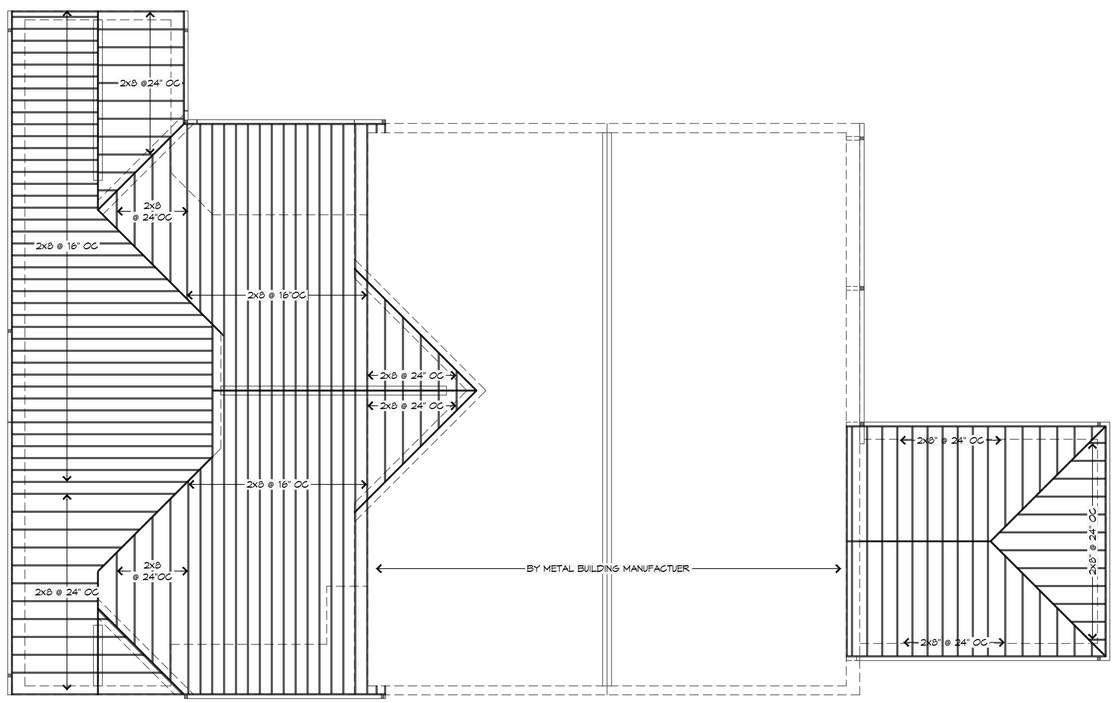
SHEET TITLE:
CEILING FRAMING PLAN AND DETAILS

DRAWING NUMBER:
S102

SHEET No: 13 of 37

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.



1 S103 | S103

ROOF FRAMING PLAN

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

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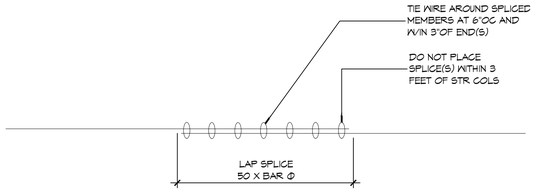
SHEET TITLE:
ROOF FRAMING AND DETAILS

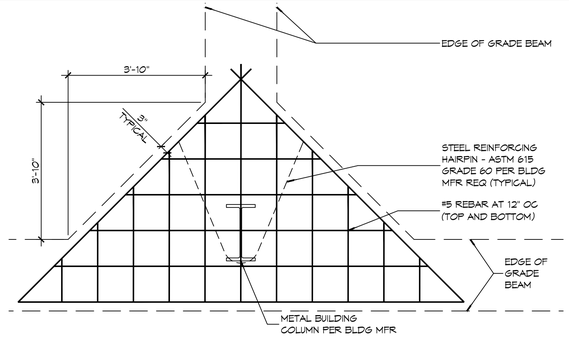
DRAWING NUMBER:
S103

SHEET No: 14 of 37

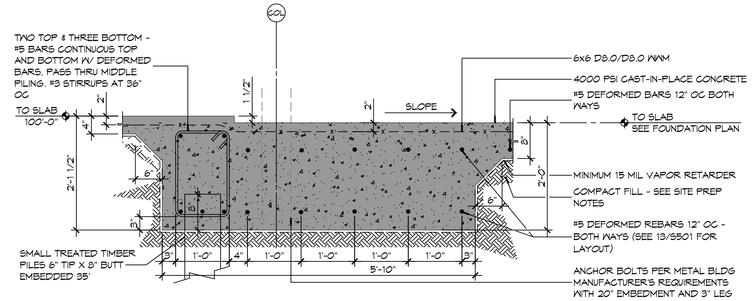
FILE NAME: J:\-Dammon\2514 - The Station #10\Drawing\Current Drawing\S103 Roof Framing Plan & Details.dwg PLOT DATE & TIME: Wednesday, December 3, 2025 3:23:37 PM



14 S501|S101 **FOUNDATION DETAIL**
SCALE: NTS



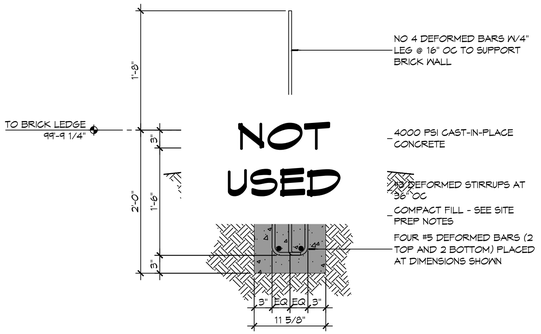
13 S501|S101 **FOUNDATION DETAIL**
SCALE: 1/2" = 1'-0"



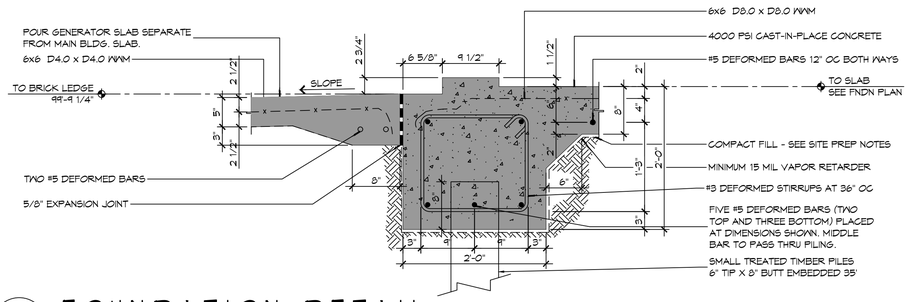
12 S501|S101 **FOUNDATION DETAIL**
SCALE: 3/4" = 1'-0"

GENERAL FOUNDATION NOTES

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 ACI315-99, "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 ACI318-08.
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.



11 S501|S101 **FOUNDATION DETAIL**
SCALE: 1" = 1'-0"



10 S501|S101 **FOUNDATION DETAIL**
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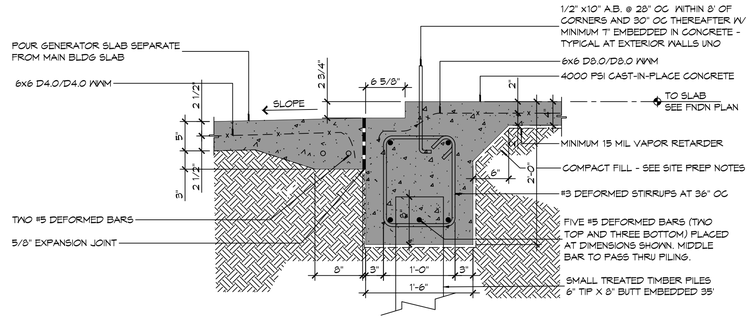
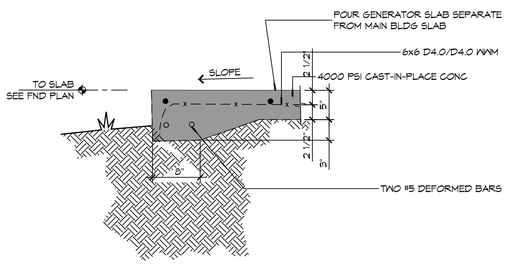


9 S501|S101 **FOUNDATION DETAIL**
SCALE: 1" = 1' - 0"



8 S501|S101 **FOUNDATION DETAIL**
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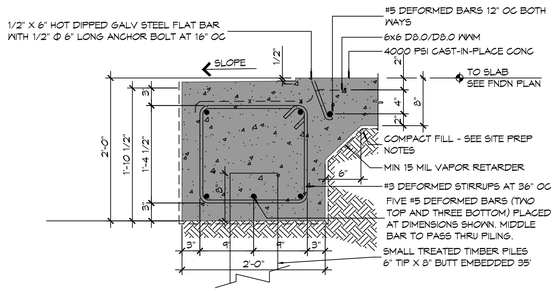

7 S501|S101 **FOUNDATION DETAIL**
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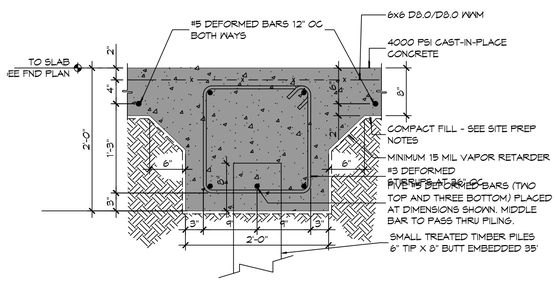
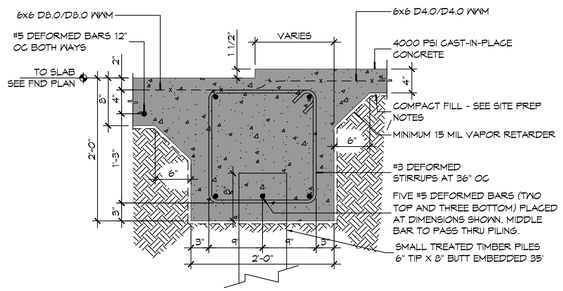


6 S501|S101 **FOUNDATION DETAIL**
SCALE: 1" = 1'-0"



5 S501|S101 **FOUNDATION DETAIL**
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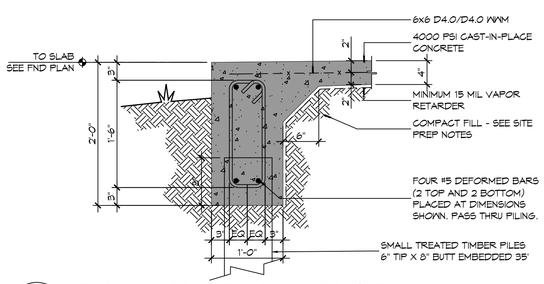
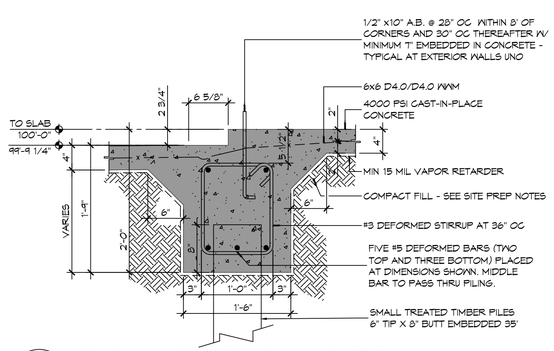
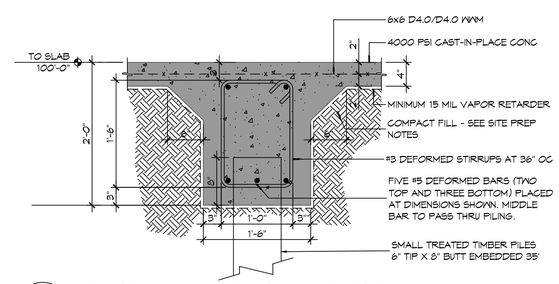


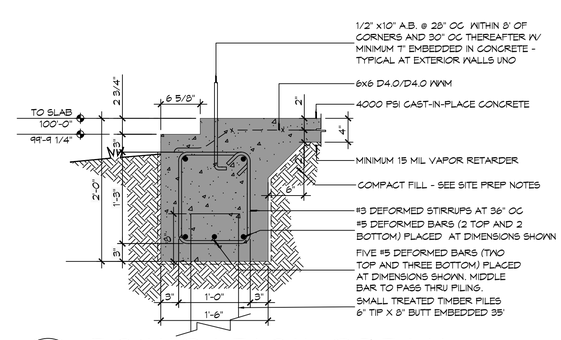
4 S501|S101 **FOUNDATION DETAIL**
SCALE: 1" = 1'-0"



3 S501|S101 **FOUNDATION DETAIL**
SCALE: 1" = 1'-0"



2 S501|S101 **FOUNDATION DETAIL**
SCALE: 1" = 1'-0"



1 S501|S101 **FOUNDATION DETAIL**
SCALE: 1" = 1'-0"

DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI
www.dammonengineering.com
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PH: 985.649.5832
Chief Engineer: Brian Mistich, PE
5540 Crowder Road
Slidell, LA 70458

#	DESCRIPTION	REVISIONS	DATE

SEAL:

STATE OF LOUISIANA — BRIAN A. MISTICH License No. 30187 — PROFESSIONAL ENGINEER

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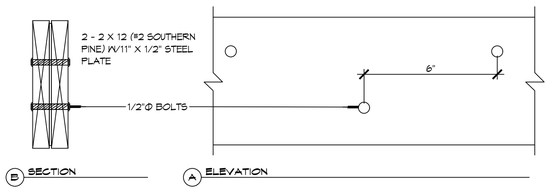
NEW FIRE STATION #10
ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1
2745 LAKESHORE VISTA BLVD
SLIDELL, LA 70461

JOB NO:	2519	DATE:	12-03-2025
DRAWN BY:	CJD	CHECKED BY:	BAM

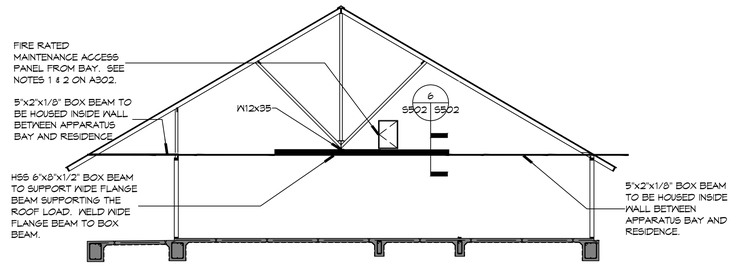
SHEET TITLE:
FOUNDATION DETAILS

DRAWING NUMBER:
S501

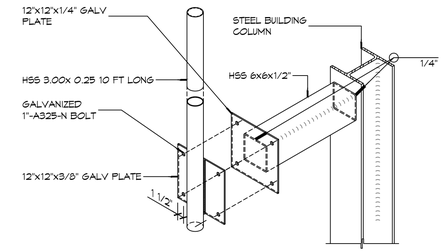
SHEET No: 15 of 37



10 S502|S502 **DETAILS**
SCALE: NTS — FLITCH BEAM



9 S502|S102 **DETAIL**
SCALE: NTS — RESIDENCE DETAIL AT APPARATUS BAY WALL



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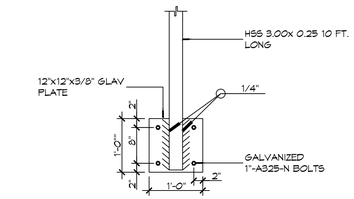
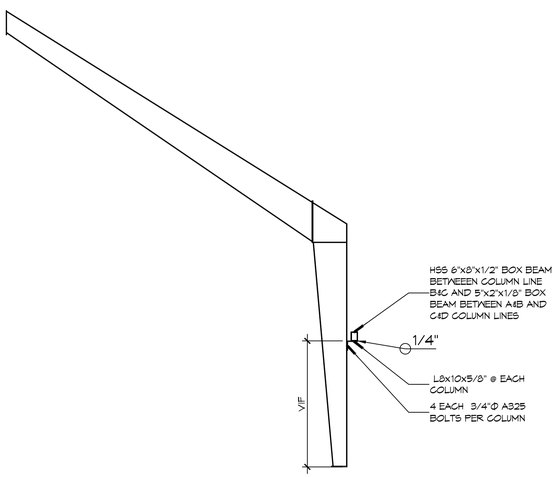
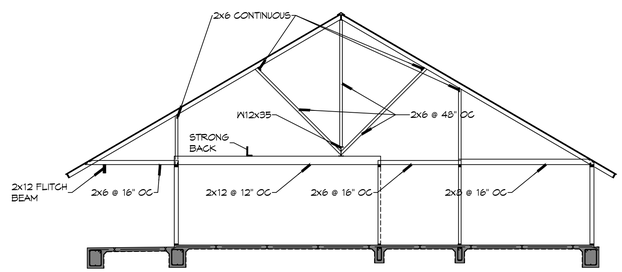


A DETAIL ELEVATION

8 S502|S502 **DETAILS**
SCALE: 3/16" = 1'-0" — ANTENNA SUPPORT



6 S502|S502 **DETAIL**
SCALE: NTS — BRICK LINTEL



7 S502|S102 **DETAIL**
SCALE: NTS — RESIDENCE DETAIL

12"x12"x1/4" STEEL PLATE W/4 - 3/4"Φ A325 BOLTS TO STRUCTURE

6"x6"x1/8 STEEL TUB

NOT USED

B CONN DET BTWN HSS 6x6 & STR COL

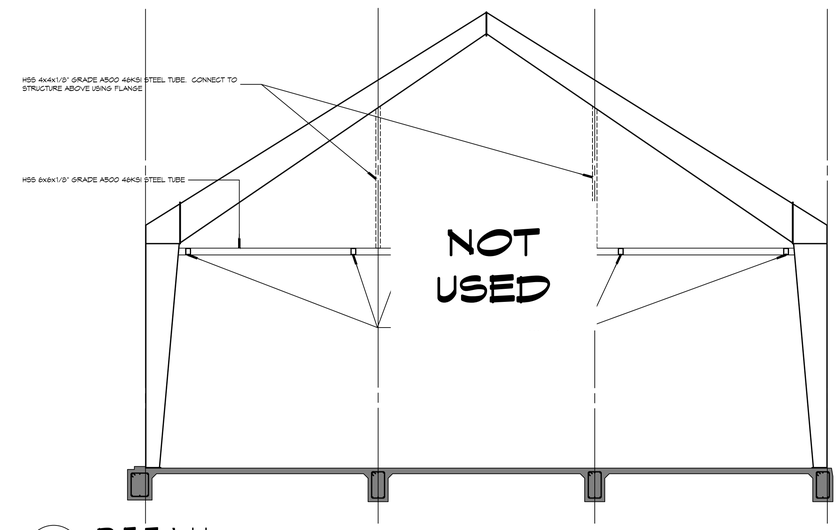
6"x6"x1/8" SQUARE STEEL TUBE

4"x6"x1/8" STEEL TUB

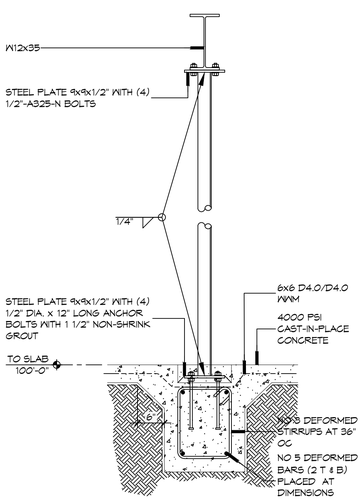
NOT USED

A HORIZONTAL CONNECTION BETWEEN HSS 4x6 & HSS 6x6

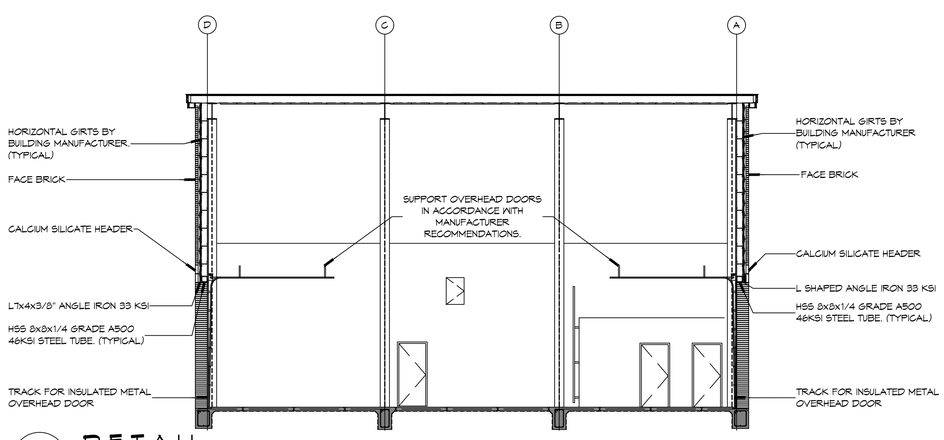
5 S502|S502 **DETAILS**
SCALE: NTS — OVERHEAD DOOR STRUCTURE DETAILS



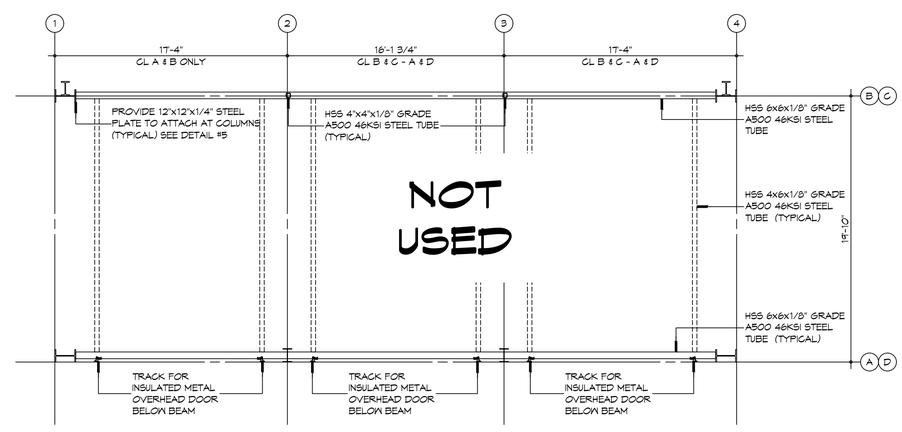
4 S502|S502 **DETAIL**
SCALE: 3/16" = 1'-0" — OVERHEAD DOOR STRUCTURE ELEVATION



3 S502|S102 **DETAIL**
SCALE: NTS — PIPE COLUMN



2 S502|S102 **DETAIL**
SCALE: 1/8" = 1'-0" — OVERHEAD DOOR STRUCTURE SECTION



1 S502|S502 **DETAIL**
SCALE: 3/16" = 1'-0" — OVERHEAD DOOR STRUCTURE PLAN VIEW

DAMMON ENGINEERING, INC.
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Chief Engineer: Brian Mistich, PE
5540 LA Highway 1 Trail
Slidell, LA 70458

#	DESCRIPTION	DATE
	REVISIONS	

SEAL:

NEW FIRE STATION #10
ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1
2145 LAKESHORE VISTA BLVD
SLIDELL, LA 70461

JOB No:	25-19	DATE:	12-03-2025
DRAWN BY:	CSD	CHECKED BY:	BAM

SHEET TITLE:
STRUCTURAL DETAILS

DRAWING NUMBER:
S502

SHEET No: 16 of 37

TABLE S601.7 - UPLIFT CONNECTIONS - 140 MPH WINDS EXP "C"

WFCM 2021 TABLE 3.2

CONNECTION	FRAMING SPACING (INCHES)	ROOF SPAN (FEET)	UPLIFT	LATERAL	SHEAR	NUMBER OF 8d COMMON NAILS OR 10d BOX NAILS IN EACH END OF 1-1/4"X20 GAGE STRAP
ROOF ASSEMBLY TO WALL ASSEMBLY	16" OC	16	407	292	152R	4
WALL ASSEMBLY TO FOUNDATION	16" OC	16	224	219	436	4

TABLE S601.8 - SILL OR BOTTOM PLATE TO FOUNDATION CONNECTIONS RESISTING UPLIFT LOADS - 140 MPH WIND EXP "C"

WFCM 2021 TABLE 3.2C

BOTTOM PLATE TO FOUNDATION ANCHOR BOLT CONNECTION RESISTING	FOUNDATION SUPPORTING	MAXIMUM ANCHOR BOLT SPACING (INCHES)	
		8' END ZONES	INTERIOR ZONES
UPLIFT LOADS	1 - 3 STORIES	25 INCHES ON CENTER	30 INCHES ON CENTER

NOTE: A MINIMUM OF ONE ANCHOR BOLT SHALL BE PROVIDED WITHIN 6 TO 12 INCHES OF EACH END OF EACH PLATE

TABLE S601.9 - SILL OR BOTTOM PLATE TO FOUNDATION CONNECTIONS RESISTING SHEAR LOADS - 140 MPH WIND EXP "C"

WFCM 2021 TABLE 3.2B

BOTTOM PLATE TO FOUNDATION ANCHOR BOLT CONNECTION RESISTING	FOUNDATION SUPPORTING	MAXIMUM ANCHOR BOLT SPACING (INCHES)	
		1/2" Φ ANCHOR BOLTS	5/8" Φ ANCHOR BOLTS
UPLIFT LOADS	1 STORY	30 INCHES ON CENTER	48 INCHES ON CENTER

TABLE S601.10 - FULL HEIGHT STUD REQUIREMENT FOR HEADERS OR WINDOW SILL PLATES IN EXTERIOR WALLS EXPOSURE "C"

WFCM 2021 TABLE 3.23C

	WALL SPACING (INCHES)		
	12" O.C.	16" O.C.	24" O.C.
HEADER SPAN (FEET)	NUMBER OF FULL HEIGHT STUD REQUIRED AT EACH END OF THE HEADER		
2	1	1	1
4	2	2	1
6	3	3	2
8	4	3	2

TABLE S601.5 - JACK STUD REQ - INT LOADBEARING WALLS

HEADER SUPPORTING	HEADER SPAN (FT)	ROOF SPAN (FEET)											
		12 FEET				24 FEET				36 FEET			
		HEADER WIDTH											
		3"	4.5"	5"	6.5"	3"	4.5"	5"	6.5"	3"	4.5"	5"	6"
		NUMBER OF JACK STUDS REQUIRED AT EACH END OF THE HEADER											
ONE FLOOR ONLY (CENTER BEARING)	2	1	1	1	1	1	1	1	1	1	1	1	1
	4	1	1	1	1	1	1	1	1	1	1	1	1
	6	1	1	1	1	1	1	1	1	2	1	1	1
	8	1	1	1	1	2	1	1	1	2	2	2	1
	10	1	1	1	1	2	2	1	1	3	2	2	2
	12	1	1	1	1	2	2	2	1	3	2	2	2
	14	2	1	1	1	3	2	2	2	4	3	3	2
	16	2	2	1	1	3	2	2	2	4	3	3	2
TWO FLOORS (CENTER BEARING)	2	1	1	1	1	1	1	1	1	2	1	1	1
	4	1	1	1	1	2	1	1	1	3	2	2	2
	6	2	1	1	1	3	2	2	2	4	3	2	2
	8	2	2	1	1	3	2	2	2	5	3	3	3
	10	2	2	2	1	4	3	3	2	6	4	4	3
	12	3	2	2	2	5	3	3	3	7	5	4	4
	14	3	2	2	2	6	4	4	3	8	5	5	4
	16	4	3	2	2	6	4	4	3	9	6	6	5

HEADER WIDTH - 3" (2-2x), 4.5" (3-2x), 5", 6.5" (4-2x) EACH W/ 1/2" PLYWOOD SPACER BETWEEN

TABLE S601.6 - JACK STUD REQ - EXTERIOR LOADBEARING WALLS

WFCM 2021 TABLE 3.22F

		ROOF LIVE LOAD 20 PSF				ROOF LIVE LOAD 30 PSF			
		3"	4.5"	5"	6.5"	3"	4.5"	5"	6.5"
		NUMBER OF JACK STUDS REQUIRED							
ROOF AND CEILING	2	1	1	1	1	1	1	1	1
	4	1	1	1	1	1	1	1	1
	6	2	1	1	1	2	1	1	1
	8	2	2	2	1	2	2	2	1
	10	3	2	2	2	3	2	2	2
	12	3	2	2	2	3	2	2	2
	14	4	3	2	2	4	3	2	2
	16	4	3	3	2	4	3	3	2
ROOF, CEILING, AND ONE CENTER BEARING FLOOR	2	1	1	1	1	1	1	1	1
	4	2	1	1	1	2	1	1	1
	6	2	2	2	1	3	2	2	2
	8	3	2	2	2	3	2	2	2
	10	4	3	2	2	4	3	3	2
	12	4	3	3	2	5	3	3	3
	14	5	4	3	3	5	4	3	3
	16	6	4	4	3	6	4	4	3

HEADER WIDTH - 3" (2-2x), 4.5" (3-2x), 5", 6.5" (4-2x) EACH W/ 1/2" PLYWOOD SPACER BETWEEN

TABLE S601.2 - WALL SHEATHING OR CLADDING REQUIREMENT - WIND LOAD EXP "C"

SHEATHING LOCATION	STUD SPACING	E	F
		MAX NAIL SPACING FOR 8d COMMON NAILS OR 10d BOX NAILS (INCHES OC)	
INTERIOR ZONE	12" OC	6	12
	16" OC	6	12
	24" OC	6	6
PERIMETER EDGE ZONE	12" OC	6	12
	16" OC	6	6
	24" OC	6	6

140 MPH WIND - EXPOSURE "C" TYPICAL
E = NAIL SPACING AT PANEL EDGES, INCHES.
F = NAIL SPACING AT INTERMEDIATE SUPPORTS IN THE PANEL FIELD, INCHES.

TABLE S601.3 - NAILING SCHEDULE WFCM 2001 TABLE 3.1

DESCRIPTION	NUMBER OF COMMON NAILS	NUMBER OF BOX NAILS	SPACING
HEADER TO HEADER (FACE NAILED)	16d	16d	16" OC EDGES

TABLE S601.4 - BUILDING ENVELOPE REQUIREMENTS

OPAQUE ELEMENTS		ASSEMBLY MAXIMUM	INSULATION MIN. R-VALUE
ROOFS	INSULATION ENTIRELY ABOVE DECK	U-0.048	R-20.0 c.i.
	METAL BUILDING	U-0.065	R-19
	ATTIC AND OTHER	U-0.027	R-38
WALLS, ABOVE GRADE	MASS	U-0.151	R-5.7 c.i.
	METAL BUILDING	U-0.113	R-13.0
	STEEL-FRAMED	U-0.124	R-13.0
	WOOD-FRAMED AND OTHER	U-0.089	R-13.0
FLOORS	MASS	U-0.107	R6-3 c.i.
	STEEL JOIST	U-0.052	R-19.0
	WOOD FRAMED AND OTHER	U-0.051	R-19.0
SLAB-ON-GRADE	UN-HEATED	F-0.730	NR
OPAQUE DOORS	SWINGING	U-0.700	NR
	NON-SWINGING	U-1.450	NR

ROOF UNDERLAYMENT NOTES

1. FOR ROOF SLOPES FROM TWO UNITS VERTICAL IN 12 UNITS HORIZONTAL (17-PERCENT SLOPE) UP TO FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL (33-PERCENT SLOPE), UNDERLAYMENT SHALL BE TWO LAYERS APPLIED IN THE FOLLOWING MANNER:
   a. APPLY A 19 INCH STRIP OF UNDERLAYMENT FELT PARALLEL WITH AND STARTING AT THE EAVES, FASTENED SUFFICIENTLY TO HOLD IN PLACE. STARTING AT THE EAVE, APPLY 36 INCH WIDE SHEETS OF UNDERLAYMENT, OVERLAPPING SUCCESSIVE SHEETS 19 INCHES, AND FASTENED SUFFICIENTLY TO HOLD IN PLACE.
2. FOR ROOF SLOPES OF FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL (33-PERCENT SLOPE) OR GREATER, UNDERLAYMENT SHALL BE ONE LAYER APPLIED IN THE FOLLOWING MANNER:
   a. UNDERLAYMENT SHALL BE APPLIED SHINGLE FASHION, PARALLEL TO AND STARTING FROM THE EAVE AND LAPPED 2 INCHES, FASTENED SUFFICIENTLY TO HOLD IN PLACE. END LAPS SHALL BE OFFSET BY 6 FEET.

SHINGLE APPLICATION & FASTENING NOTES

1. ASPHALT STRIP SHINGLES SHALL HAVE A MINIMUM OF SIX FASTENERS PER SHINGLE WHERE THE ROOF IS IN ONE OF THE FOLLOWING CATEGORIES:
   a. THE BASIC WIND SPEED IS 110 MPH OR GREATER AND THE EAVE IS 20 FEET OR HIGHER ABOVE GRADE.
   b. THE BASIC WIND SPEED IS 120 MPH OR GREATER.
   c. SPECIAL WIND ZONES.

DESIGN CRITERIA

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 (WFCM) 2001 EDITION AS WELL AS THE INTERNATIONAL RESIDENTIAL CODE (IRC) 2021 EDITION

GENERAL UPLIFT CONNECTION NOTES

ROOF ASSEMBLY TO WALL ASSEMBLY:
UPLIFT CONNECTIONS SHALL BE FROM RAFTER OR TRUSS TO WALL STUD. WHEN RAFTERS OR TRUSSES ARE NOT LOCATED DIRECTLY ABOVE STUDS, RAFTERS SHALL BE ATTACHED TO THE WALL PLATE AND THE WALL TOP PLATE SHALL BE ATTACHED TO THE WALL STUD WITH UPLIFT CONNECTIONS. UPLIFT CONNECTIONS SHALL BE IN ACCORDANCE WITH TABLE S601.10.

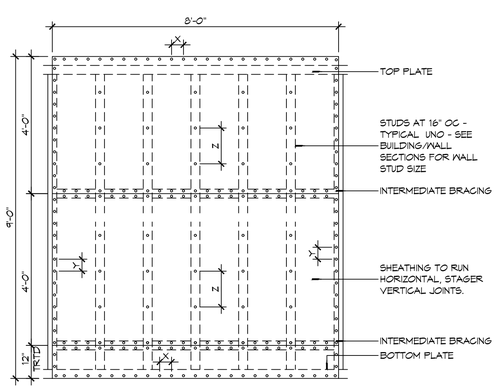
WALL ASSEMBLY TO WALL ASSEMBLY:
STORY TO STORY UPLIFT CONNECTIONS FROM UPPER STORY WALL STUD TO LOWER STORY WALL STUD. WHEN UPPER STORY WALL STUDS ARE NOT LOCATED DIRECTLY ABOVE LOWER WALL STUDS, THE STUDS SHALL BE ATTACHED TO A COMMON MEMBER IN THE FLOOR ASSEMBLY BY UPLIFT CONNECTIONS. UPLIFT CONNECTIONS SHALL BE IN ACCORDANCE WITH TABLE S601.11.

WALL ASSEMBLY TO FOUNDATION:
FIRST FLOOR WALL STUDS SHALL BE CONNECTED TO THE FOUNDATION, SILL, PLATE, OR BOTTOM PLATE. A MINIMUM OF A 1-1/4" x 20 GA. ASTM A653 GRADE 33 STEEL STRAP SHALL BE NAILED TO THE WALL STUDS AND HAVE A MINIMUM EMBEDMENT OF 7 INCHES IN CONCRETE FOUNDATIONS AND SLABS-ON-GRADE, 15 INCHES IN MASONRY BLOCK FOUNDATIONS, OR BE LAPPED UNDER THE BOTTOM PLATE, 3 INCH SQUARE WASHERS SHALL BE USED ON THE ANCHOR BOLTS AND ANCHOR BOLT SPACINGS SHALL NOT EXCEED THE REQUIREMENTS. STEEL STRAPS EMBEDDED IN OR IN CONTACT WITH SLAB-ON-GRADE OR MASONRY BLOCK FOUNDATIONS SHALL BE HOT-DIPPED GALV. AFTER FABRICATION, OR MANUF. FROM G185 OR Z450 GALV. STL. CONNECTIONS SHALL BE IN ACCORDANCE WITH TABLE S601.12.

TABLE S601.1 - ROOF SHEATHING OR CLADDING REQUIREMENT - WIND LOAD EXP "C"

SHEATHING LOCATION	RAFTER / TRUSS SPACING	E	F
		MAX NAIL SPACING FOR 8d COMMON NAILS OR 10d BOX NAILS (INCHES OC)	
INTERIOR ZONE	12" OC	6	12
	16" OC	6	12
	24" OC	6	6
PERIMETER EDGE ZONE	12" OC	6	6
	16" OC	4	4
	24" OC	3	3

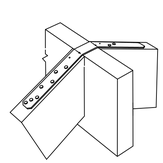
140 MPH WIND - EXPOSURE "C" TYPICAL
E = NAIL SPACING AT PANEL EDGES, INCHES.
F = NAIL SPACING AT INTERMEDIATE SUPPORTS IN THE PANEL FIELD, INCHES.



NAIL SPACING
X = 4" OC
Y = 4" OC
Z = 12" OC

X = PLATE EDGE NAIL SPACING
Y = LONG EDGE NAIL SPACING
Z = FIELD NAIL SPACING

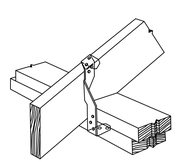
(H) SHEAR WALL EXTERIOR SHEATHING NAILING PATTERN



SIMPSON STRONG-TIE

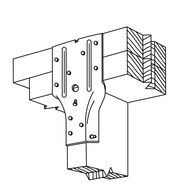
AT ALL RIDGE CONNECTIONS

(G) RIDGE BEAM/BOARD



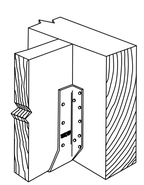
SIMPSON STRONG-TIE

(F) TOP PLATE TO RAFTER



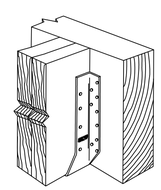
SIMPSON STRONG-TIE

(E) STUD TO TOP PLATE



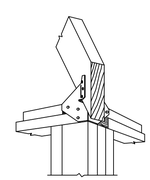
SIMPSON STRONG-TIE

(D) FLOOR JOIST



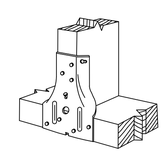
SIMPSON STRONG-TIE

(C) DBL FLOOR JOIST



SIMPSON STRONG-TIE

(B) HIP RAFTER

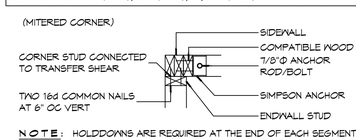


SIMPSON STRONG-TIE

(A) STUD TO SILL PLATE

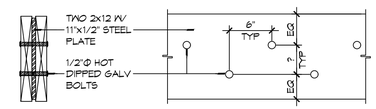
1 / S601 | S601 — TYPICAL CONNECTION DETAILS

SCALE: NTS

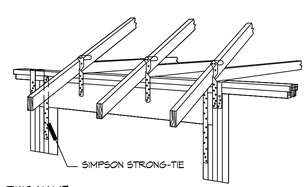


NOTE: HOLDDOWNS ARE REQUIRED AT THE END OF EACH SEGMENTED SHEARWALL SEGMENT OR AT THE EACH END OF A PERFORATED SHEARWALL. WHEN FULL HEIGHT SHEARWALL SEGMENTS MEET AT A CORNER, A SINGLE HOLDDOWN SHALL BE PERMITTED TO BE USED TO RESIST THE OVERTURNING FORCES IN BOTH DIRECTIONS WHEN THE CORNER FRAMING IN THE ADJOINING WALLS IS FASTENED TOGETHER TO TRANSFER THE UPLIFT LOAD.

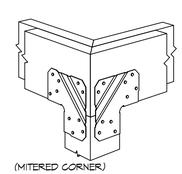
(P) CORNER HOLDDOWN



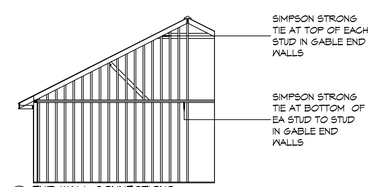
(N) FLITCH BEAM



(M) DWG NAME



(L) POST TO BEAM



(K) END WALL CONNECTIONS

(J) SIMPSON MSTAM36

DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI

www.dammonengineering.com
info@dammonengineering.com
PH: 985.649.5832

Chief Engineer: Brian Mistich, PE
5240 Cypress Trail
Slidell, LA 70458

#	DESCRIPTION	DATE
	REVISIONS	

SEAL:

STATE OF LOUISIANA — BRIAN A. MISTICH — License No. 30187 — PROFESSIONAL ENGINEER

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

2145 LAKESHORE VISTA BLVD
SLIDELL, LA 70461

JOB No:	2919
DATE:	12-03-2025
DRAWN BY:	CKD
CHECKED BY:	BAM

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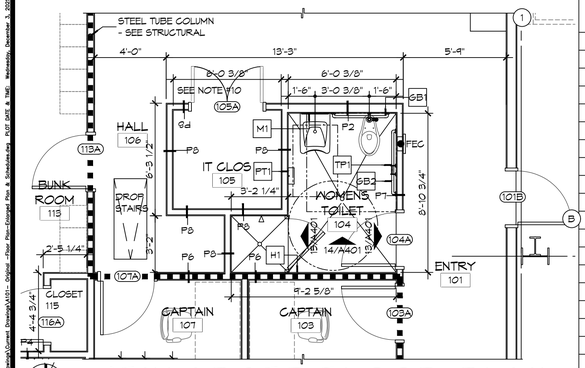
SHEET TITLE:
TYPICAL CONNECTION DETAILS, SCHEDULES, AND NOTES

DRAWING NUMBER:
S601

SHEET No: 17 of 37

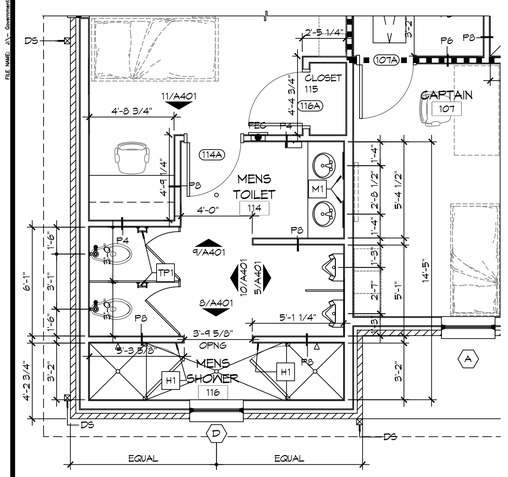
FILE NAME: J:\- Government\2919 - Fire Station #10\Drawings\Current Drawings\S601-Typical Connection Details-Schedules & Notes.dwg PLOT DATE & TIME: Wednesday, December 3, 2025 3:19:10 PM



4 ENLARGED FLOOR PLAN

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

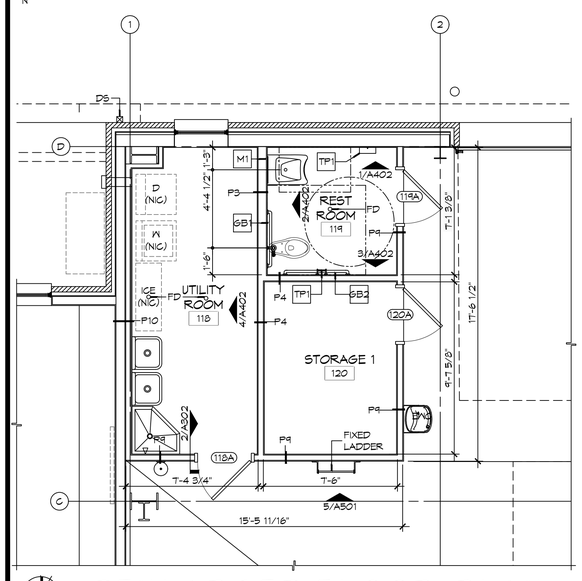
WOMENS TOILET & IT CLOSET



3 ENLARGED FLOOR PLAN

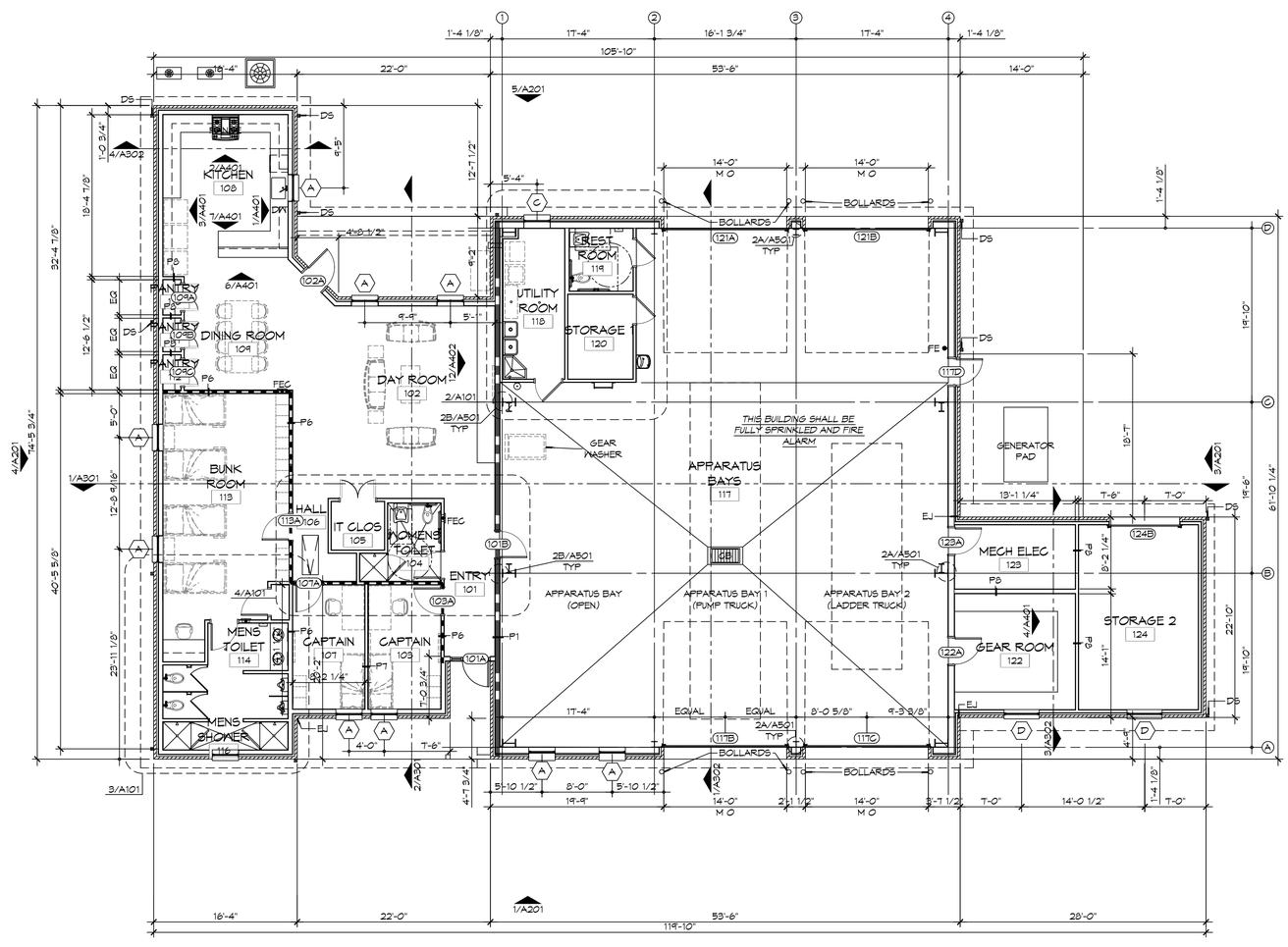
SCALE: 1/4" = 1'-0"

MENS TOILET



2 ENLARGED FLOOR PLAN

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



1 ARCHITECTURAL FLOOR PLAN

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

FINISH SCHEDULE

ROOM	RM #	FLOOR	BASE	WALLS NORTH	WALLS EAST	WALLS SOUTH	WALLS WEST	CEILING	NOTES
ENTRY	101	CERAMIC TILE	5" RUBBER	5/8" GWB	5/8" GWB	5/8" GWB	5/8" GWB	5/8" GWB	3" X 6" CERAMIC TILE SD15, GROUT 66 CHESTNUT, 5" RUBBER BASE 17B PEWTER
DAY ROOM	102	CERAMIC TILE	5" RUBBER	5/8" GWB	5/8" GWB	5/8" GWB	5/8" GWB	5/8" GWB	3" X 6" CERAMIC TILE SD15, GROUT 66 CHESTNUT, 5" RUBBER BASE 17B PEWTER
CAPTAIN	103	CERAMIC TILE	5" RUBBER	5/8" GWB	5/8" GWB	5/8" GWB	5/8" GWB	5/8" GWB	3" X 6" CERAMIC TILE SD15, GROUT 66 CHESTNUT, 5" RUBBER BASE 17B PEWTER
WOMENS TOILET	104	CERAMIC TILE	5" RUBBER	5/8" MR GWB	5/8" MR GWB	5/8" MR GWB	5/8" MR GWB	5/8" MR GWB	3" X 6" CERAMIC TILE SD15, GROUT 66 CHESTNUT, 5" RUBBER BASE 17B PEWTER
IT CLOSET	105	CERAMIC TILE	5" RUBBER	5/8" GWB	5/8" GWB	5/8" GWB	5/8" GWB	5/8" GWB	3" X 6" CERAMIC TILE SD15, GROUT 66 CHESTNUT, 5" RUBBER BASE 17B PEWTER
HALL	106	CERAMIC TILE	5" RUBBER	5/8" GWB	5/8" GWB	5/8" GWB	5/8" GWB	5/8" GWB	3" X 6" CERAMIC TILE SD15, GROUT 66 CHESTNUT, 5" RUBBER BASE 17B PEWTER
CAPTAIN	107	CERAMIC TILE	5" RUBBER	5/8" GWB	5/8" GWB	5/8" GWB	5/8" GWB	5/8" GWB	3" X 6" CERAMIC TILE SD15, GROUT 66 CHESTNUT, 5" RUBBER BASE 17B PEWTER
KITCHEN	108	CERAMIC TILE	5" RUBBER	5/8" GWB	5/8" GWB	5/8" GWB	5/8" GWB	5/8" GWB	3" X 6" CERAMIC TILE SD15, GROUT 66 CHESTNUT, 5" RUBBER BASE 17B PEWTER
DINING ROOM	109	CERAMIC TILE	5" RUBBER	5/8" GWB	5/8" GWB	5/8" GWB	5/8" GWB	5/8" GWB	3" X 6" CERAMIC TILE SD15, GROUT 66 CHESTNUT, 5" RUBBER BASE 17B PEWTER
PANTRY	110	CERAMIC TILE	5" RUBBER	5/8" GWB	5/8" GWB	5/8" GWB	5/8" GWB	5/8" GWB	3" X 6" CERAMIC TILE SD15, GROUT 66 CHESTNUT, 5" RUBBER BASE 17B PEWTER
PANTRY	111	CERAMIC TILE	5" RUBBER	5/8" GWB	5/8" GWB	5/8" GWB	5/8" GWB	5/8" GWB	3" X 6" CERAMIC TILE SD15, GROUT 66 CHESTNUT, 5" RUBBER BASE 17B PEWTER
PANTRY	112	CERAMIC TILE	5" RUBBER	5/8" GWB	5/8" GWB	5/8" GWB	5/8" GWB	5/8" GWB	3" X 6" CERAMIC TILE SD15, GROUT 66 CHESTNUT, 5" RUBBER BASE 17B PEWTER
BUNK ROOM	113	CERAMIC TILE	5" RUBBER	5/8" GWB	5/8" GWB	5/8" GWB	5/8" GWB	5/8" GWB	3" X 6" CERAMIC TILE SD15, GROUT 66 CHESTNUT, 5" RUBBER BASE 17B PEWTER
MENS TOILET	114	CERAMIC TILE	5" RUBBER	5/8" MR GWB	5/8" MR GWB	5/8" MR GWB	5/8" MR GWB	5/8" MR GWB	3" X 6" CERAMIC TILE SD15, GROUT 66 CHESTNUT, 5" RUBBER BASE 17B PEWTER
CLOSET	115	CERAMIC TILE	5" RUBBER	5/8" MR GWB	5/8" MR GWB	5/8" MR GWB	5/8" MR GWB	5/8" MR GWB	3" X 6" CERAMIC TILE SD15, GROUT 66 CHESTNUT, 5" RUBBER BASE 17B PEWTER
MENS SHOWER	116	CERAMIC TILE	5" RUBBER	5/8" MR GWB	5/8" MR GWB	5/8" MR GWB	5/8" MR GWB	5/8" MR GWB	3" X 6" CERAMIC TILE SD15, GROUT 66 CHESTNUT, 5" RUBBER BASE 17B PEWTER
APPARATUS BAYS	117	EPOXY	6" CEMENTITIOUS	MTL LINER PANEL	MTL LINER PANEL	MTL LINER PANEL	MTL LINER PANEL	MTL LINER PANEL	
UTILITY ROOM	118	EPOXY	5" RUBBER	5/8" MR GWB	5/8" MR GWB	5/8" MR GWB	5/8" MR GWB	5/8" MR GWB	5" RUBBER BASE 17B PEWTER
RESTROOM	119	EPOXY	TILE	5/8" MR GWB	5/8" MR GWB	5/8" MR GWB	5/8" MR GWB	5/8" MR GWB	
STORAGE 1	120	SEALED CONC	5" RUBBER	5/8" MR GWB	5/8" MR GWB	5/8" MR GWB	5/8" MR GWB	5/8" MR GWB	5" RUBBER BASE 17B PEWTER
MAINTENANCE BAY	121	EPOXY	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 GWB	5/8" MR GWB	5/8" MR GWB	5/8" MR GWB	5/8" MR GWB	5" RUBBER BASE 17B PEWTER
GEAR ROOM	123	SEALED CONC	5" RUBBER	5/8" MR GWB	5/8" MR GWB	5/8" MR GWB	5/8" MR GWB	5/8" MR GWB	5" RUBBER BASE 17B PEWTER
STORAGE 2	124	SEALED CONC	5" RUBBER	5/8" MR GWB	5/8" MR GWB	5/8" MR GWB	5/8" MR GWB	5/8" MR GWB	5" RUBBER BASE 17B PEWTER

GENERAL SHEET NOTES

1. 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 (N.I.C.) AND ARE SHOWN FOR COORDINATION PURPOSES ONLY. CONTRACTOR TO VERIFY THOSE ITEMS OWNER FURNISHED AND CONTRACTOR INSTALLED (OFCI).
3. PROVIDE FIVE MELOMINE-CLAD WOOD 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 FR5 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 BOXES, 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 IT 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 A201 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

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PH: 985.649.5832
Chief Engineer: Brian Mistich, PE
5540 Gulf Shores Lane
Slidell, LA 70458

#	DESCRIPTION	DATE

REVISIONS

SEAL:

JARED M. SIMONEAUX
REG. NO. 17391
STATE OF LOUISIANA
REGISTERED ARCHITECT

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

2145 LAKESHORE VISTA BLVD
SLIDELL, LA 70461

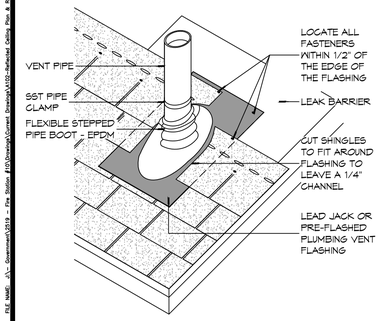
JOB No:	2514	DATE:	12-03-2025
DRAWN BY:	CAD	CHECKED BY:	JMS

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

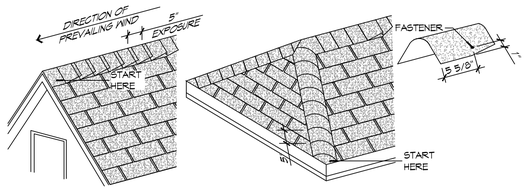
DRAWING NUMBER:

A101

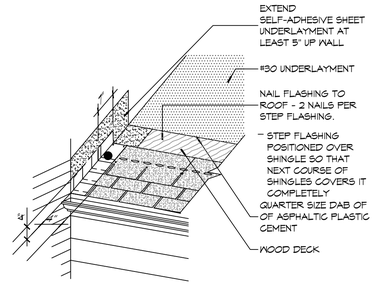
SHEET No: 18 of 37



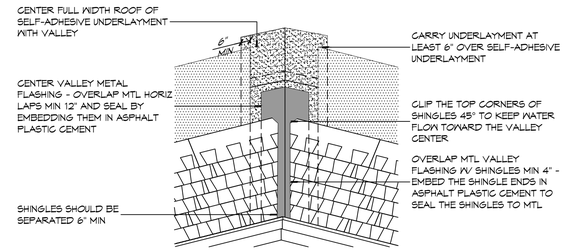
D PLUMBING VENT FLASHING



C RIDGE CAP SHINGLES



B STEP FLASHING



A VALLEY FLASHING

3 TYPICAL ROOF DETAILS
SCALE: 1" = 1'-0"

RCP NOTES

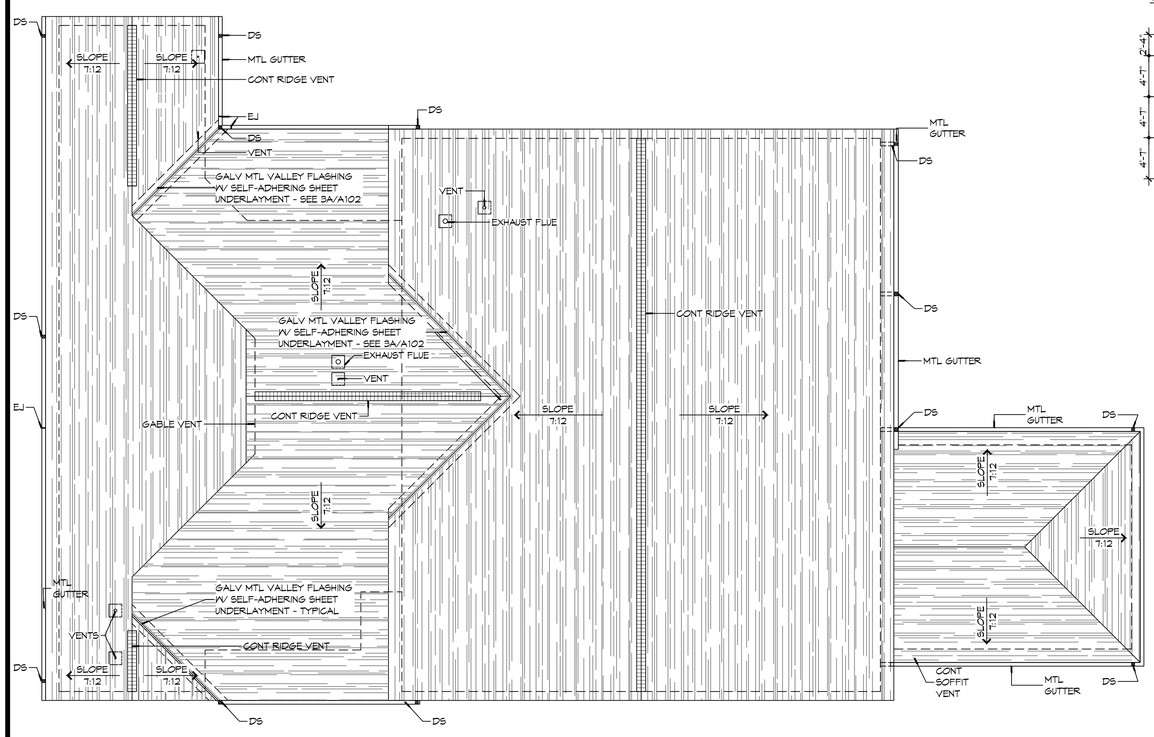
1. ALL CEILING HEIGHTS INDICATED ARE APPROXIMATE. ACTUAL CEILING HEIGHT TO BE DETERMINED BY STRUCTURE ELEVATION AND CEILING ASSEMBLY THICKNESS. INDICATED HEIGHT IS MEASURED ABOVE FINISH FLOOR (AFF.).
2. REFER TO SHEET A501 FOR WALL/PARTITION ASSEMBLY AND INFORMATION.
3. SEE SHEET E102 FOR LIGHT FIXTURE TYPES. SEE SHEETS M101 & M102FOR DIFFUSER AND GRILLE TYPES.
4. REFER TO INTERIOR ELEVATIONS FOR MOUNTING HEIGHT OF WALL MOUNTED LIGHT FIXTURES.
5. SEAL AROUND ALL CEILING OPENINGS ON SLEEPING QUARTERS SIDE OF SMOKE PARTITION TO RESTRICT THE MOVEMENT SMOKE.

RCP LEGEND

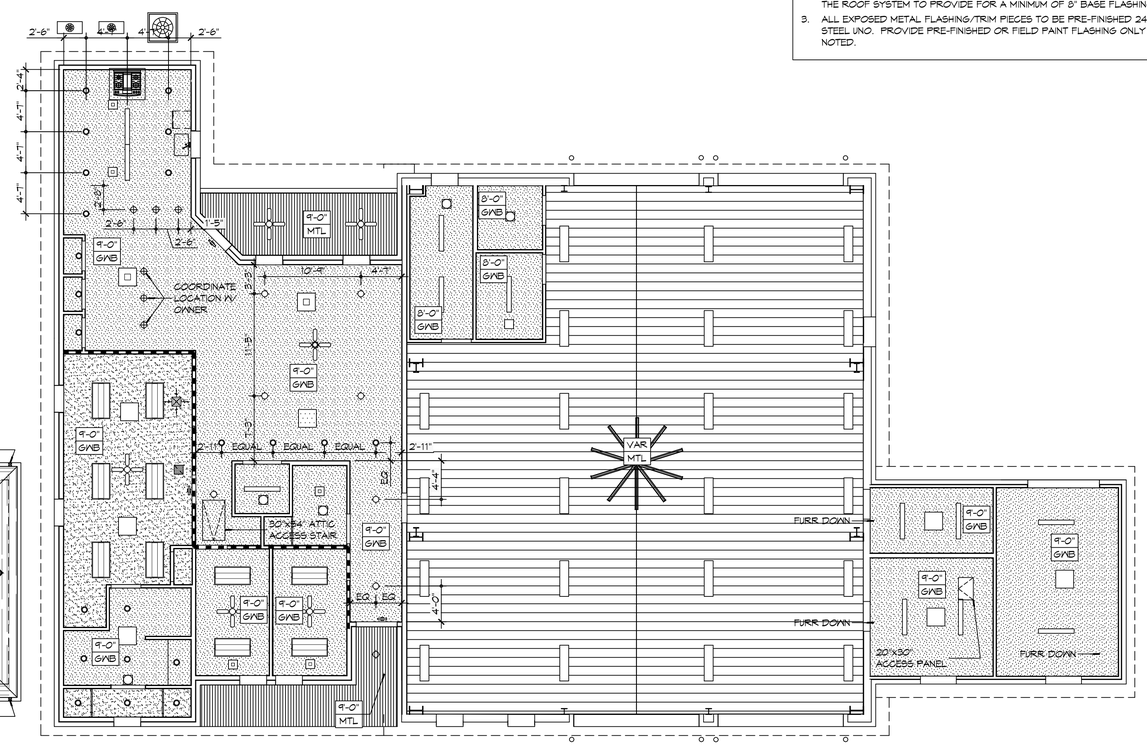
SYMBOL	DESCRIPTION
	2'X4' SURFACE MOUNTED FLUORESCENT LIGHT FIXTURE
	1'X4' SUSPENDED HIGH BAY LIGHT FIXTURES
	SURFACE MOUNTED FLUORESCENT LIGHT FIXTURE STRIP
	CEILING FAN
	PENDANT LIGHT FIXTURE
	RECESSED LIGHT FIXTURE
	SURFACE MOUNTED LIGHT FIXTURE
	EXHAUST FAN
	HVAC SUPPLY AIR DIFFUSER
	HVAC RETURN AIR GRILL
	GYPSUM BOARD CEILING
	METAL LINER PANEL CEILING
	METAL SOFFIT PANEL

GENERAL ROOF NOTES

1. COORDINATE INSTALLATION OF NEW ROOF SYSTEM WITH OTHER TRADES. REPORT ANY CONFLICTS WITH ITEMS BY OTHER TRADES TO THE ARCHITECT.
2. ALL PLUMBING VENTS SHALL EXTEND ABOVE THE FINISHED SURFACE OF THE ROOF SYSTEM TO PROVIDE FOR A MINIMUM OF 8" BASE FLASHING.
3. ALL EXPOSED METAL FLASHING/TRIM PIECES TO BE PRE-FINISHED 24 GA STEEL UNO. PROVIDE PRE-FINISHED OR FIELD PAINT FLASHING ONLY AS NOTED.



2 ROOF PLAN
SCALE: 1/8" = 1'-0"



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

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#	DESCRIPTION	DATE

REVISIONS

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JARED M. SIMONEAUX REG. NO. 17311 STATE OF LOUISIANA REGISTERED ARCHITECT

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

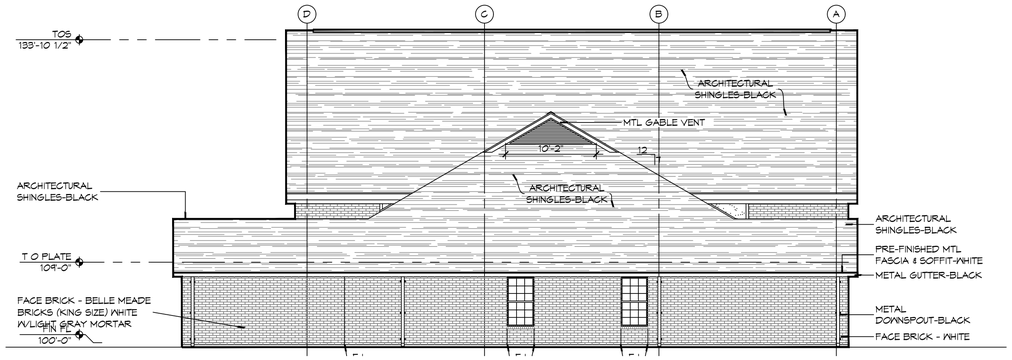
2145 LAKESHORE VISTA BLVD
SLIDELL, LA 70461

JOB No:	2514
DATE:	12-03-2025
DRAWN BY:	CKD
CHECKED BY:	JMS

SHEET TITLE:
REFLECTED CEILING PLAN AND ROOF PLAN, ROOF DETAILS

DRAWING NUMBER:
A102

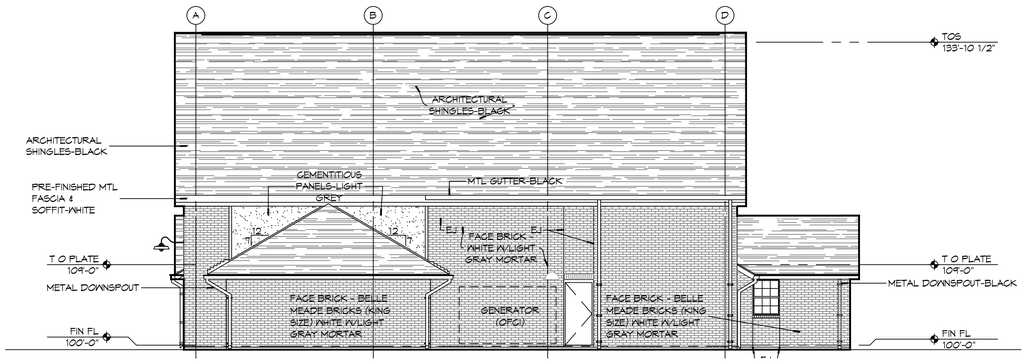
SHEET No: 19 of 37



4 EXTERIOR ELEVATION LEFT SIDE

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

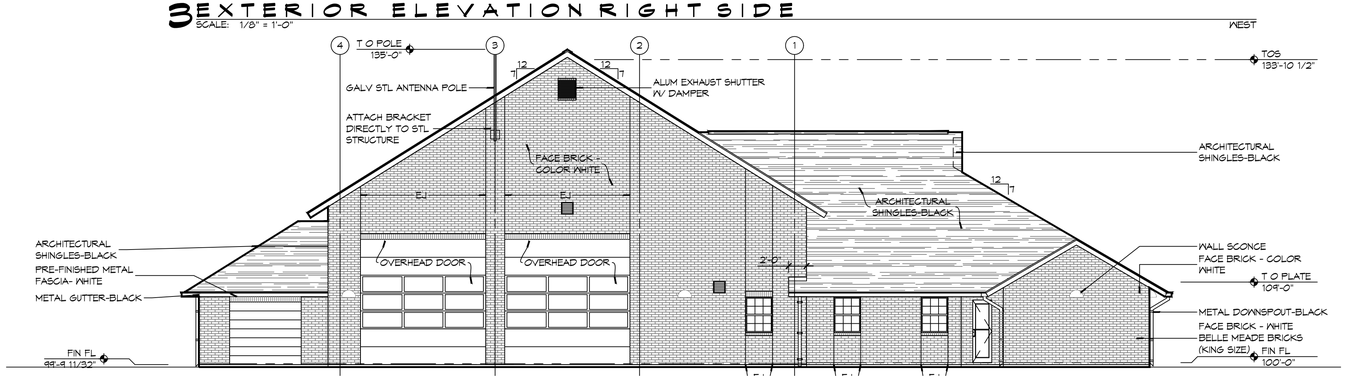
EAST



3 EXTERIOR ELEVATION RIGHT SIDE

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

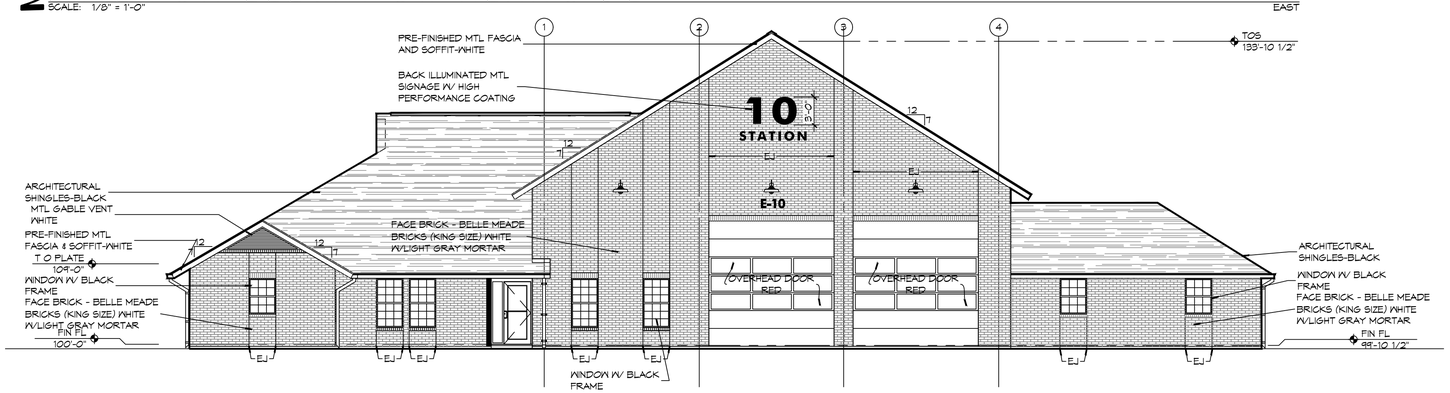
WEST



2 EXTERIOR ELEVATION REAR SIDE

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

EAST



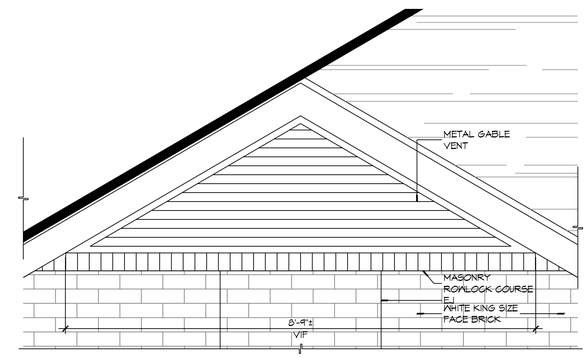
1 EXTERIOR ELEVATION FRONT SIDE

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

NORTH

GENERAL ELEVATION NOTES

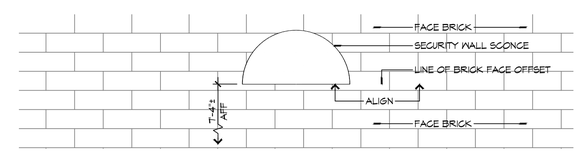
1. REFER TO SHEET A101 FOR WINDOW TYPE ELEVATIONS.
2. WINDOW TYPES NOT INDICATED THIS SHEET ARE IDENTIFIED ON SHEET A501.
3. CONTRACTOR SHALL REVIEW LOCATIONS AND INTENT OF ALL MASONRY EXPANSION/CONTROL JOINTS WITH ARCHITECT PRIOR TO CONSTRUCTION. REFER TO ELEVATIONS FOR INDICATED JOINT LOCATIONS. LAY PINE STRAW DOWN TO AVOID RAINWATER SPLASHING RED CLAY ONTO BRICK.
4. SEE 8/A501 FOR TYPICAL MASONRY EXPANSION JOINT DETAILS.
5. MASONRY DIMENSIONS ARE NOMINAL.
6. ALL FLASHING SHALL BE DONE IN STRICT ACCORDANCE WITH THE FLASHING MANUFACTURER'S PUBLISHED SPECIFICATIONS AND DETAILS. THIS TO INCLUDE AMOUNT OF OVERLAP AND INSTALLATION OF DRIP EDGES, IF REQUIRED.
7. LINE OF FINISH GRADE ON EXTERIOR ELEVATIONS IS APPROXIMATE AND ARE INTENDED FOR REFERENCE PURPOSES ONLY. REFER TO CIVIL GRADING PLAN FOR FINISH GRADE ELEVATIONS.
8. SEE SHEET A101 FOR EXPANSION JOINTS (EJ) IN HIDDEN LOCATIONS AND NOT SHOWN ON THIS SHEET.



6 DETAIL ELEVATION

SCALE: 3/4" = 1'-0"

GABLE VENT



5 DETAIL ELEVATION

SCALE: 1" = 1'-0"

EXTERIOR WALL SCONCE MOUNTING HEIGHT

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#	DESCRIPTION	DATE
	REVISIONS	

SEAL:

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

2145 LAKESHORE VISTA BLVD
SLIDELL, LA 70461

JOB No:	2514	DATE:	12-03-2025
DRAWN BY:	CSD	CHECKED BY:	JMS

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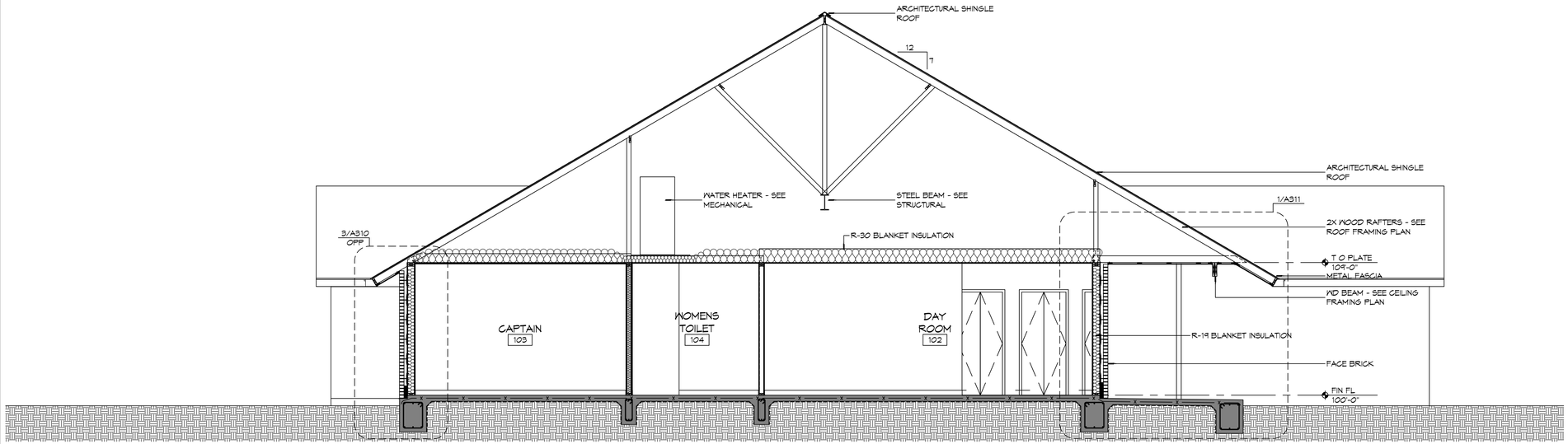
SHEET TITLE:
BUILDING ELEVATIONS

DRAWING NUMBER:

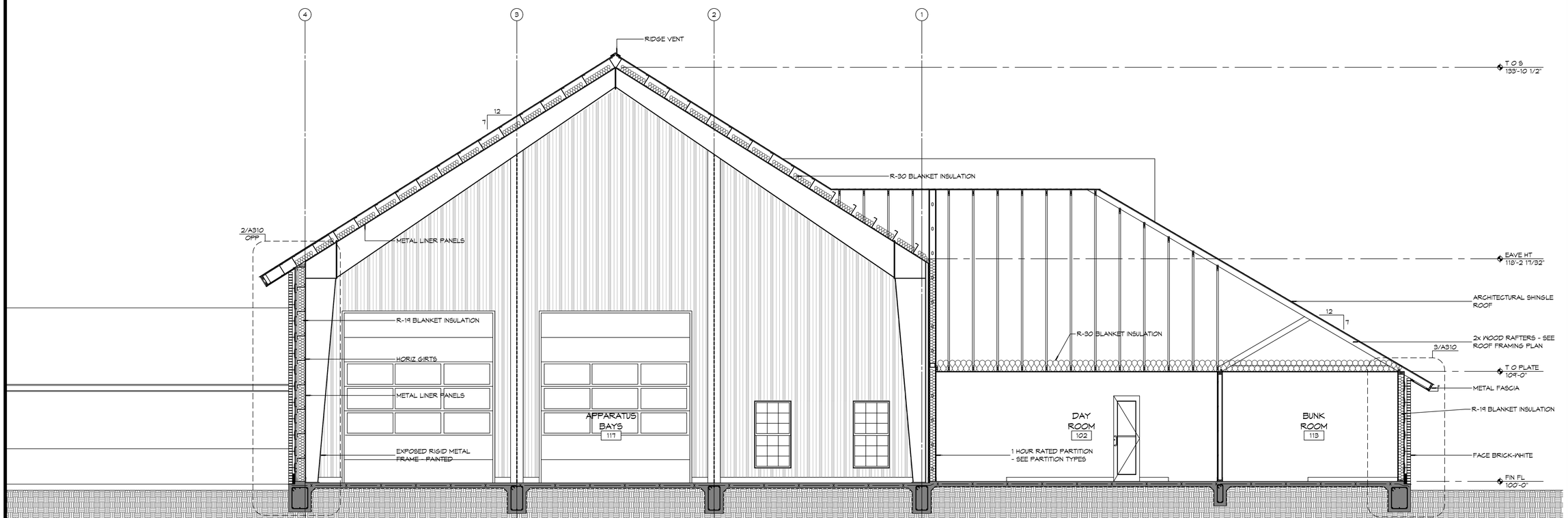
A201

SHEET No: 20 of 37

FILE NAME: J:_Dammon\2514 - Fire Station #10\Drawing\Current Drawing\A201-Exterior Elevations.dwg PLOT DATE & TIME: Wednesday, December 3, 2025 3:13:20 PM



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



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

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#	DESCRIPTION	DATE

REVISIONS

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NEW FIRE STATION #10
ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1
2145 LAKESHORE VISTA BLVD
SLIDELL, LA 70461

JOB No:	2514
DATE:	12-03-2025
DRAWN BY:	CKD
CHECKED BY:	JMS

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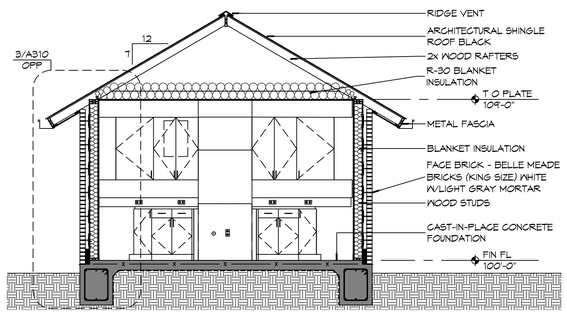
SHEET TITLE:
BUILDING SECTIONS

DRAWING NUMBER:
A301

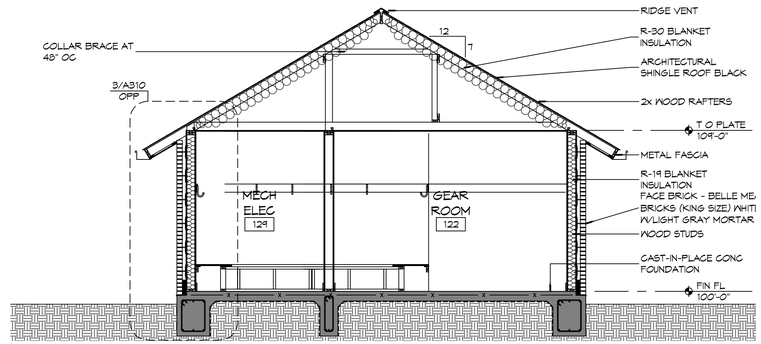
SHEET No: 21 of 37

GENERAL SHEET NOTES

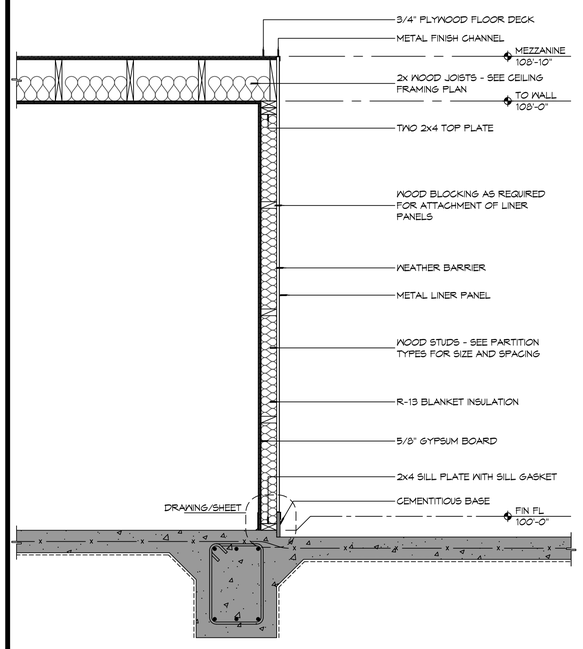
1. COORDINATE ATTIC ACCESS PANEL LOCATION WITH MEZZANINE HVAC EQUIPMENT AND DUCTWORK.
2. COORDINATE ATTIC ACCESS PANEL DIMENSIONS WITH LARGEST EQUIPMENT COMPONENT LOCATED IN ATTIC SPACE IT SERVES.



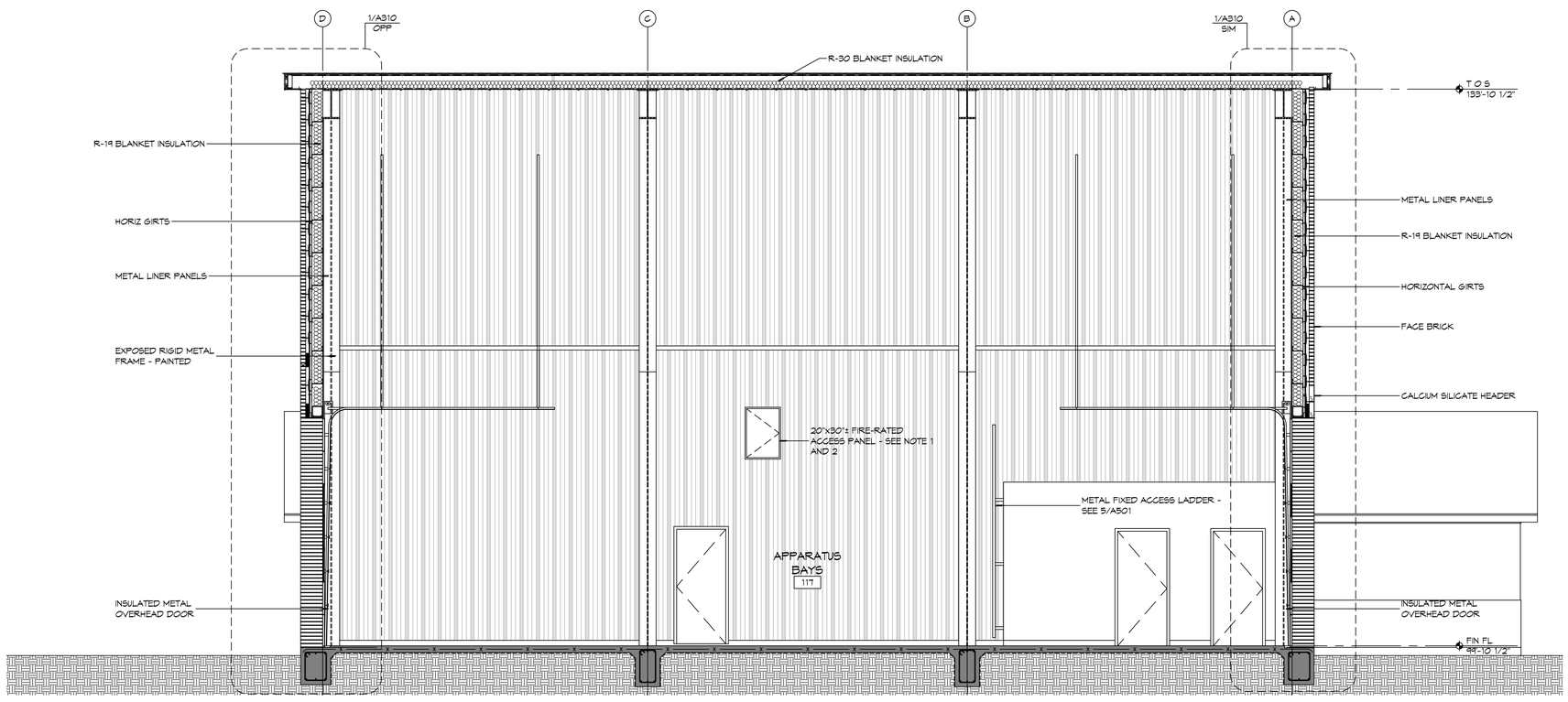
4 BUILDING SECTION
SCALE: 1/4" = 1'-0"
KITCHEN



3 BUILDING SECTION
SCALE: 1/4" = 1'-0"
GEAR ROOM/MECHANICAL ELECTRICAL



2 WALL SECTION
SCALE: 3/4" = 1'-0"
MEZZANINE



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

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#	DESCRIPTION	DATE
	REVISIONS	

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

2145 LAKESHORE VISTA BLVD
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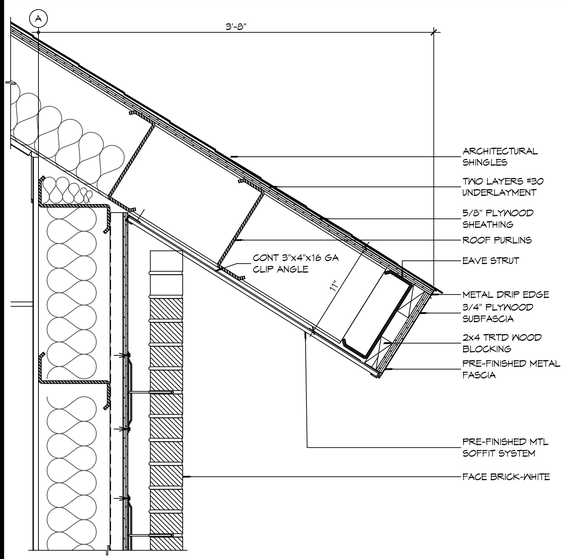
SHEET TITLE:
BUILDING SECTIONS

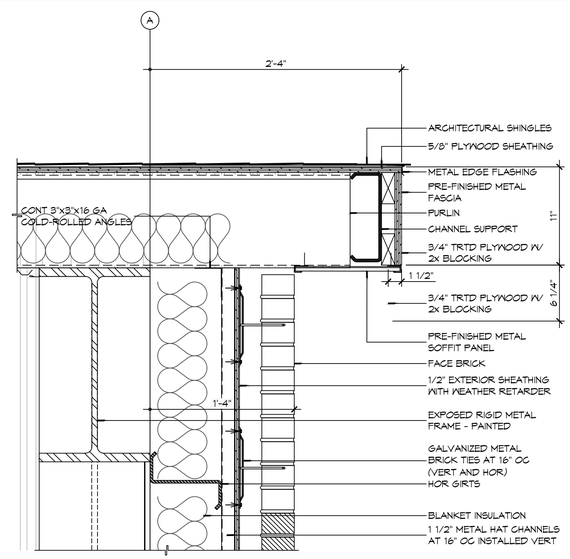
DRAWING NUMBER:
A302

SHEET No: 22 of 37

FILE NAME: J:\C - Government\2019 - Fire Station #10\Drawings\Current Drawings\A301 & A302-Building Sections.dwg PLOT DATE & TIME: Wednesday, December 3, 2025 3:10:44 PM



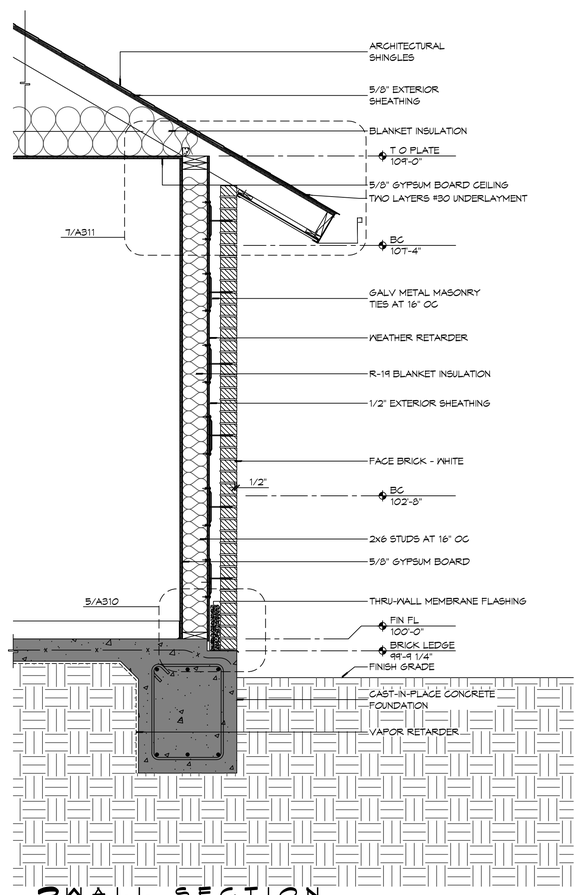
6 DETAIL
SCALE: 1 1/2" = 1'-0"
APPARATUS BAY EAVE



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

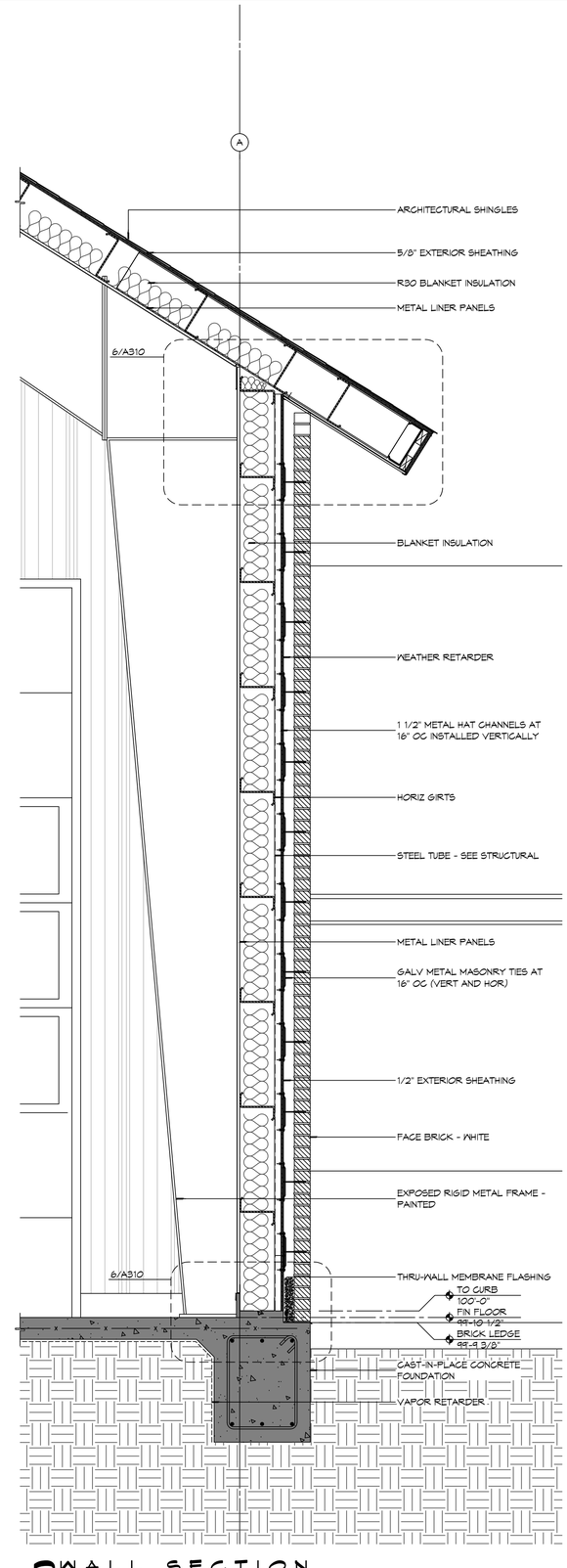
REFER TO BUILDING SECTIONS FOR PLACEMENT OF ATTIC INSULATION AS LOCATION MAY VARY.

NOT USED

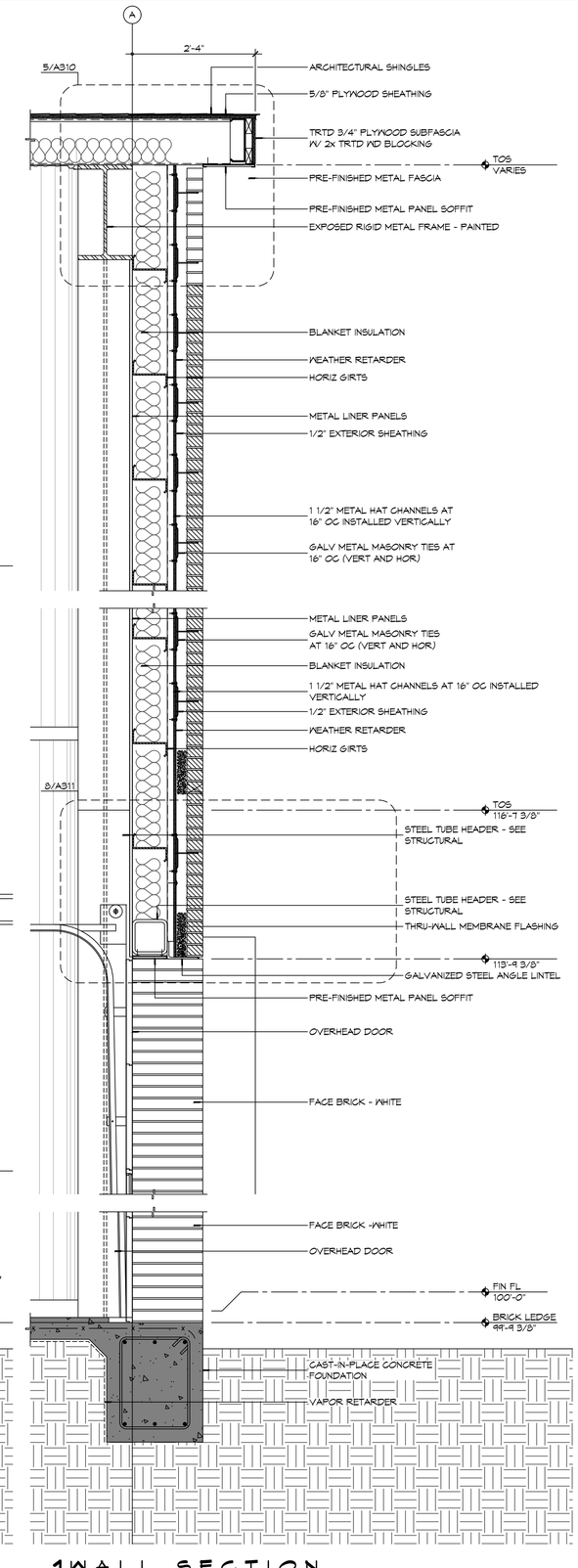


4 WALL SECTION
SCALE: 3/4" = 1'-0"

3 WALL SECTION
SCALE: 3/4" = 1'-0"



2 WALL SECTION
SCALE: 3/4" = 1'-0"



1 WALL SECTION
SCALE: 3/4" = 1'-0"

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REVISIONS

#	DESCRIPTION	DATE

SEAL:

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

2145 LAKESHORE VISTA BLVD
SLIDELL, LA 70461

JOB No:	2514	DATE:	12-03-2025
DRAWN BY:	CKD	CHECKED BY:	JMS

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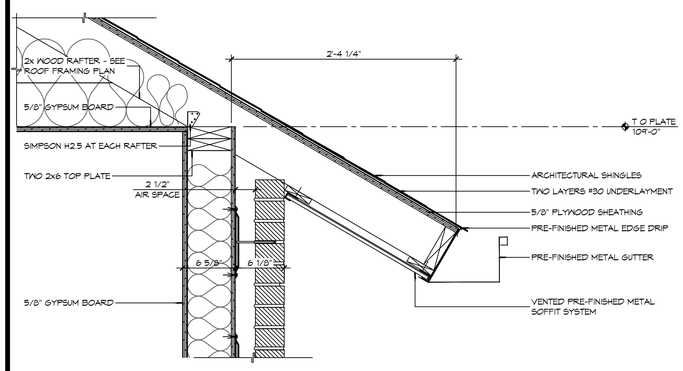
SHEET TITLE:
BUILDING SECTIONS

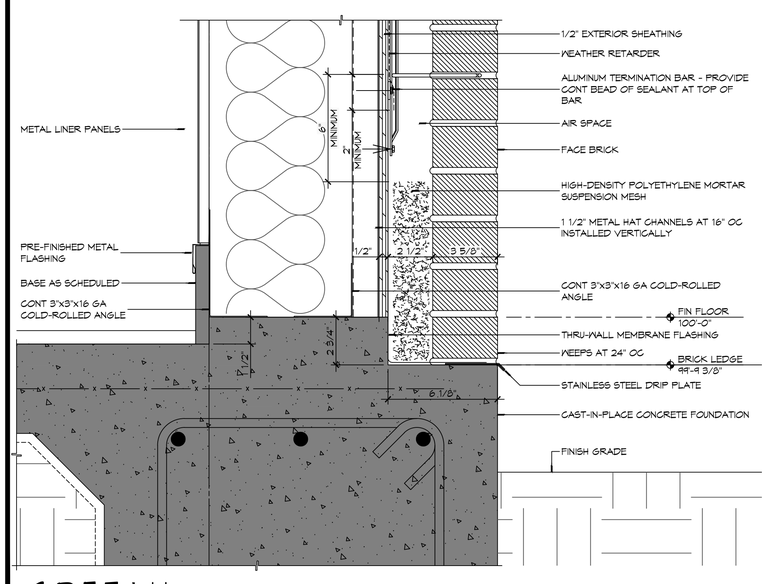
DRAWING NUMBER:
A310

SHEET No: 23 of 37



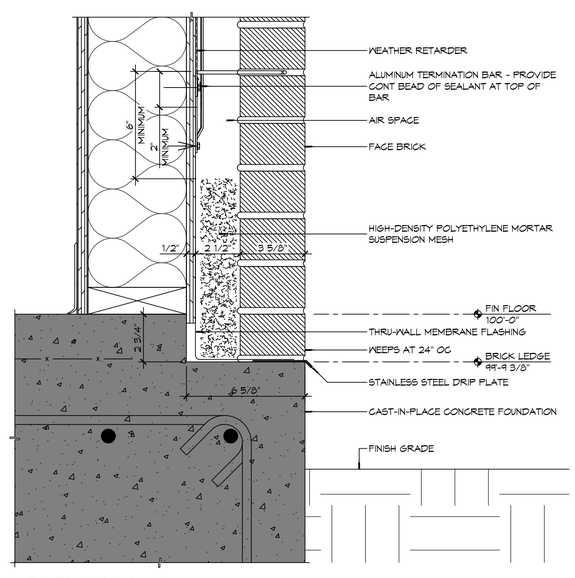
7 DETAIL
SCALE: 1 43/128" = 1'-0"

TYPICAL EAVE OVERHANG



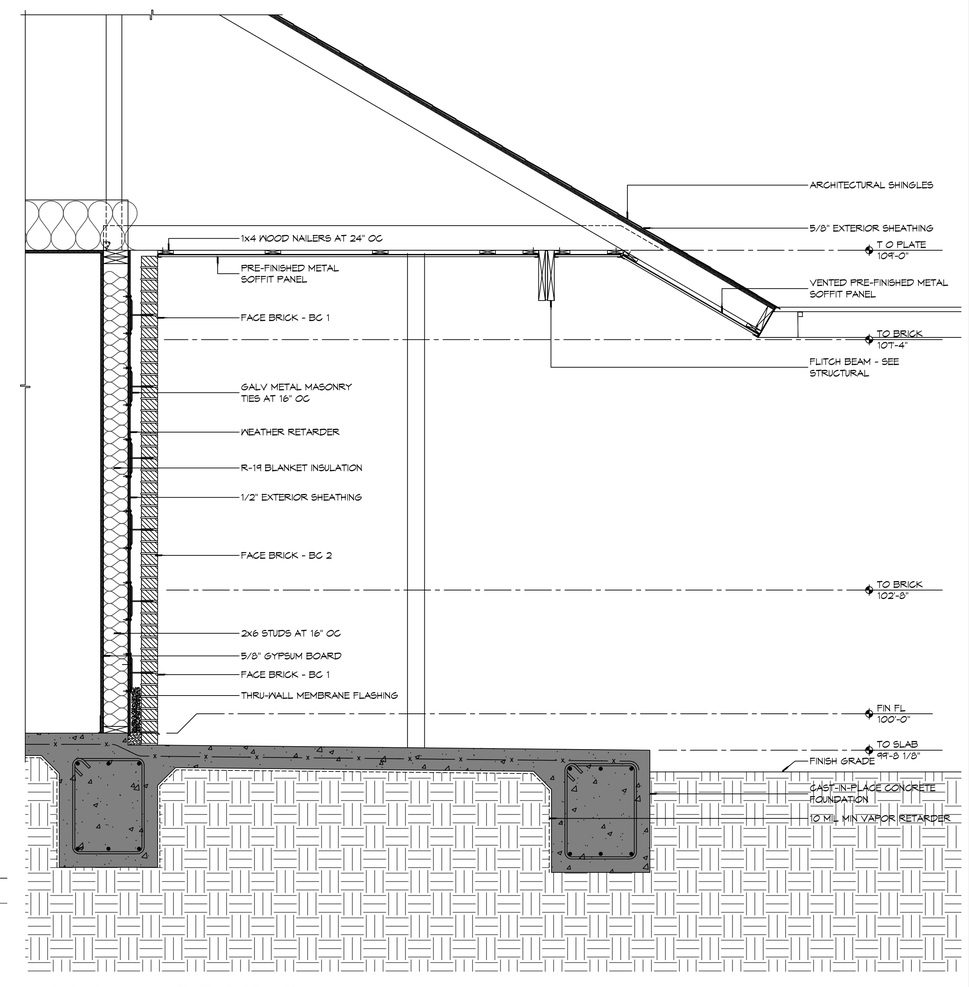
6 DETAIL
SCALE: 3" = 1'-0"

TYPICAL MASONRY BASE FLASHING AT METAL BUILDING



5 DETAIL
SCALE: 3" = 1'-0"

TYPICAL MASONRY BASE FLASHING



1 WALL SECTION
SCALE: 3/4" = 1'-0"

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REVISIONS

#	DESCRIPTION	DATE

SEAL:

JARED M. SIMONEAUX REG. NO. 7731 STATE OF LOUISIANA REGISTERED ARCHITECT

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

2145 LAKESHORE VISTA BLVD
SLIDELL, LA 70461

JOB No:	2514	DATE:	12-03-2025
DRAWN BY:	CCD	CHECKED BY:	JMS

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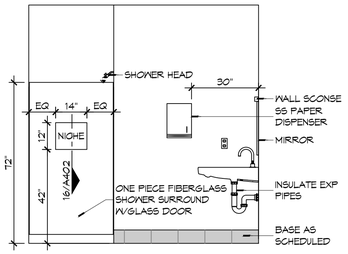
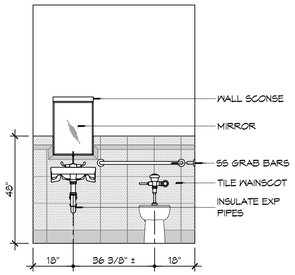
SHEET TITLE:
WALL SECTIONS AND DETAILS

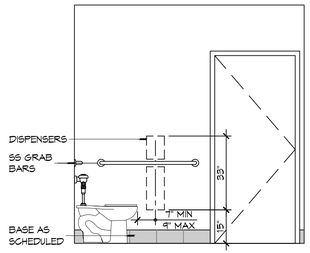
DRAWING NUMBER:
A311



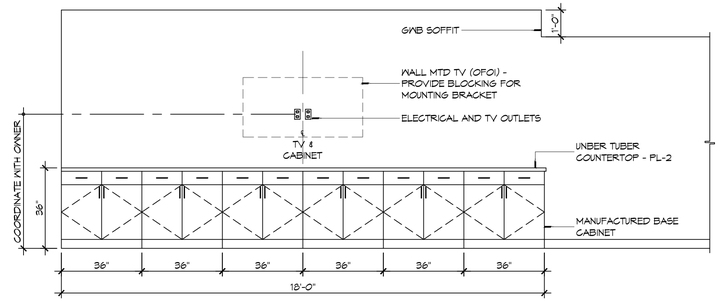
15 INTERIOR ELEV
SCALE: 3/8" = 1'-0" WOMENS TOILET - 104



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



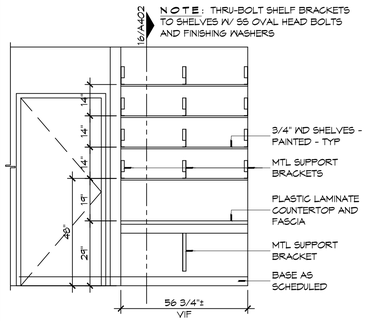
13 INTERIOR ELEV
SCALE: 3/8" = 1'-0" WOMENS TOILET - 104



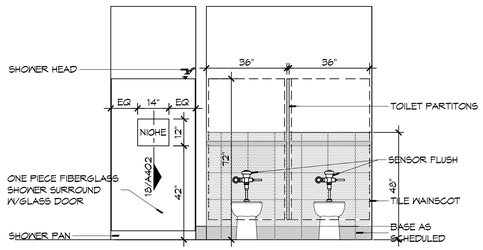
12 INTERIOR ELEVATION
SCALE: 3/8" = 1'-0" DAY ROOM - 102

INTERIOR ELEVATION NOTES

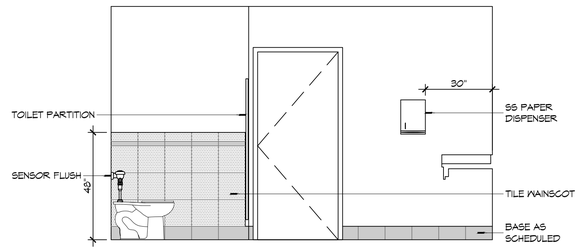
1. REFER TO SHEET G003 FOR TYPICAL MOUNTING HEIGHTS AND FLOOR CLEARANCE REQUIREMENTS WHERE NOT SHOWN ON THIS SHEET.
2. NOT USED
3. PROVIDE 1/8"R EASED EDGES AT ALL EXPOSED GRANITE COUNTERTOP AND BACKSPLASH EDGES UNLESS OTHERWISE NOTED.
4. BLOCKING FOR CABINETS IS NOT SHOWN ON THESE DRAWINGS. THE GENERAL 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 GWB.
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 (VIF) ALL DIMENSIONS PRIOR TO SHOP DRAWING SUBMITTAL.
9. ELEC 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.



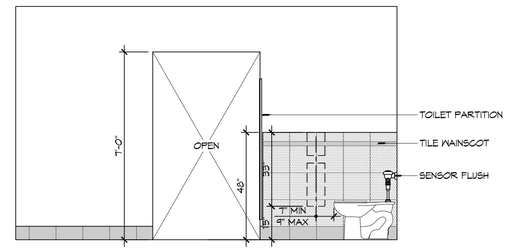
11 INTERIOR ELEV
SCALE: 3/8" = 1'-0" BUNK ROOM - 113



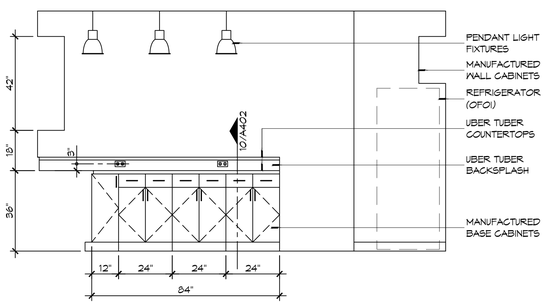
10 INTERIOR ELEVATION
SCALE: 3/8" = 1'-0" MENS TOILET - 114 & MENS SHOWER - 116



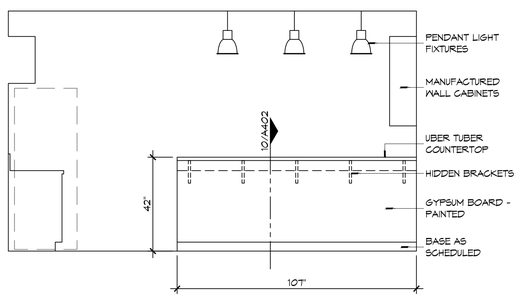
9 INTERIOR ELEVATION
SCALE: 3/8" = 1'-0" MENS TOILET - 114



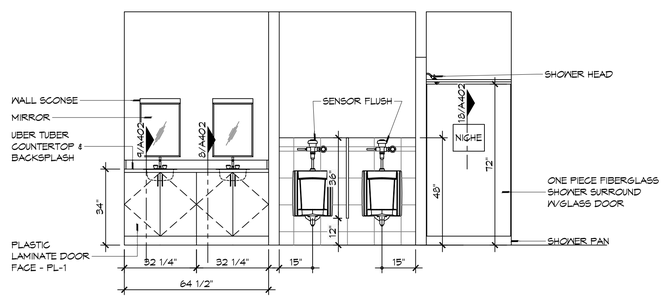
8 INTERIOR ELEVATION
SCALE: 3/8" = 1'-0" MENS TOILET - 114



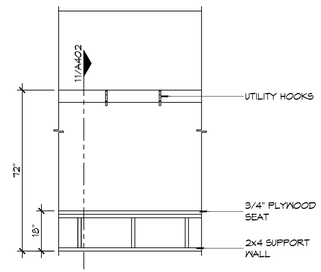
7 INTERIOR ELEVATION
SCALE: 3/8" = 1'-0" KITCHEN - 108



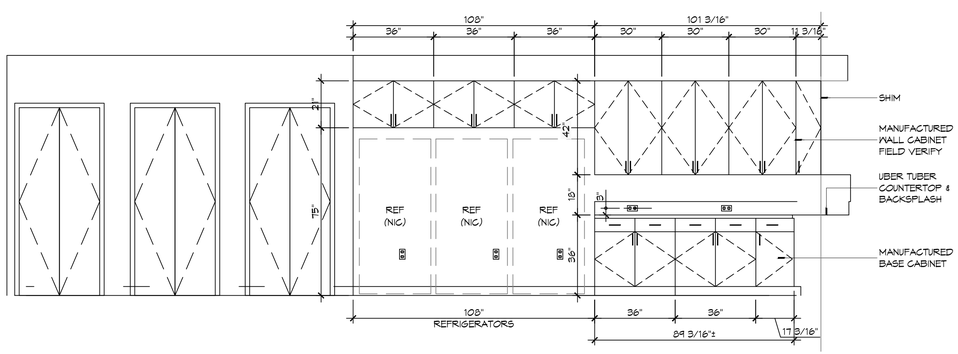
6 INTERIOR ELEVATION
SCALE: 3/8" = 1'-0" KITCHEN - 108



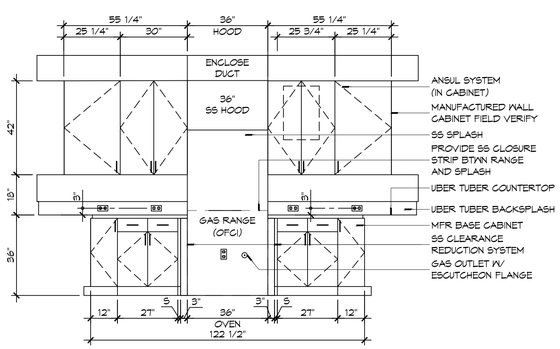
5 INTERIOR ELEVATION
SCALE: 3/8" = 1'-0" MENS TOILET - 114 & MENS SHOWER - 116



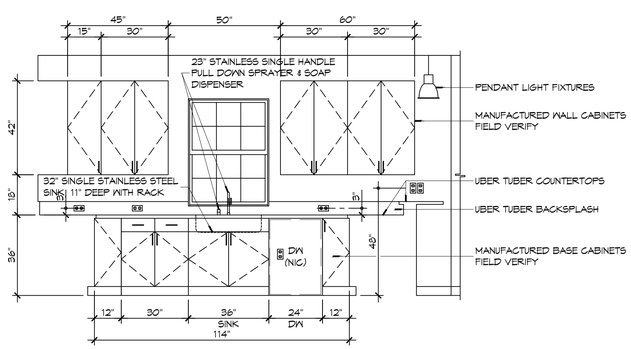
4 INTERIOR ELEV
SCALE: 3/8" = 1'-0" GEAR ROOM - 122



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
Chief Engineer: Brian Mistich, PE
5540 Crawford Mill
Slidell, LA 70458

#	DESCRIPTION	REVISIONS	DATE

SEAL:

JARED M. SIMONEAUX REG. NO. 7731 STATE OF LOUISIANA REGISTERED ARCHITECT

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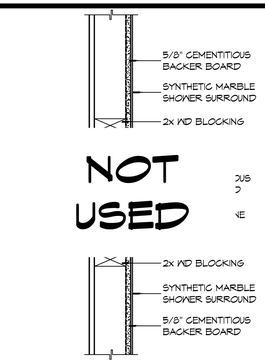
NEW FIRE STATION #10
ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1
21145 LAKESHORE VISTA BLVD
SLIDELL, LA 70461

JOB No:	2514	DATE:	12-03-2025
DRAWN BY:	CKD	CHECKED BY:	JMS

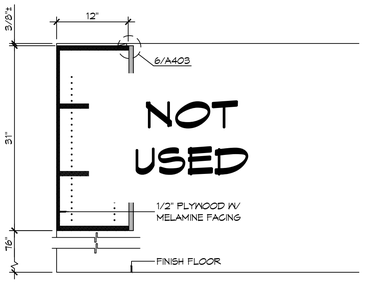
SHEET TITLE:
INTERIOR ELEVATIONS

DRAWING NUMBER:
A401

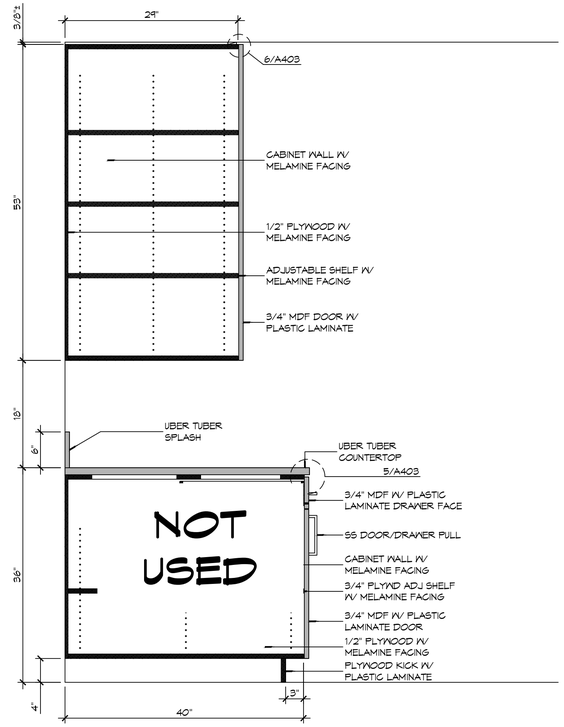
SHEET No: 26 of 37



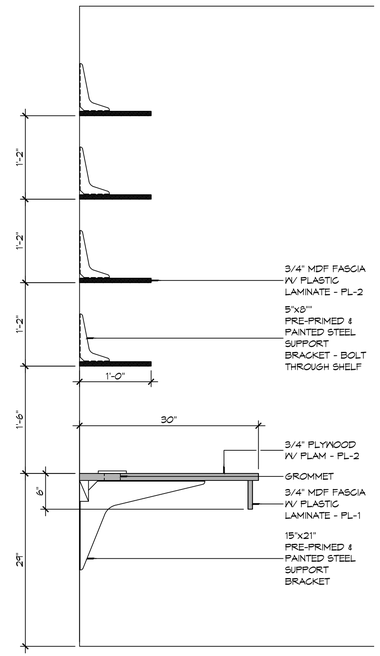
18 DETAIL
SCALE: 1 1/2" = 1'-0" SHOWER NICHE



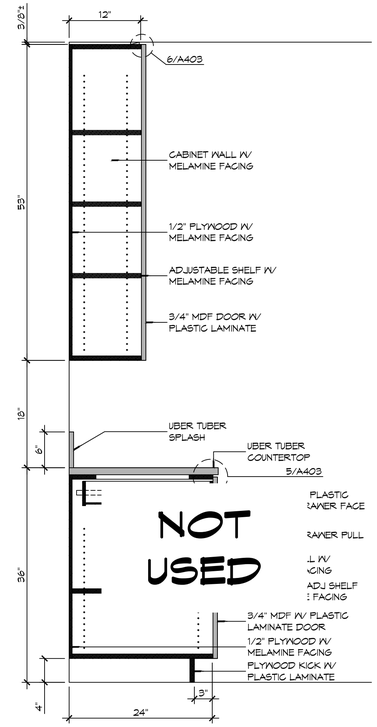
17 CASEWORK DET
SCALE: 1" = 1'-0" KITCHEN WALL CABINET



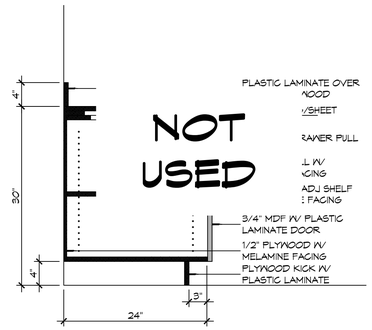
16 CASEWORK DETAIL
SCALE: 1" = 1'-0" CABINET AT RANGE/HOOD



15 CASEWORK DET
SCALE: 1" = 1'-0" BUNK ROOM



13 CASEWORK DET
SCALE: 1" = 1'-0" TYPICAL KITCHEN CABINET



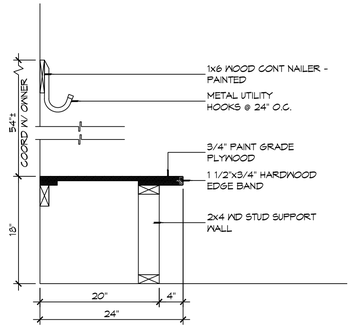
12 CASEWORK DET
SCALE: 1" = 1'-0" DAY ROOM

GENERAL CASEWORK NOTES

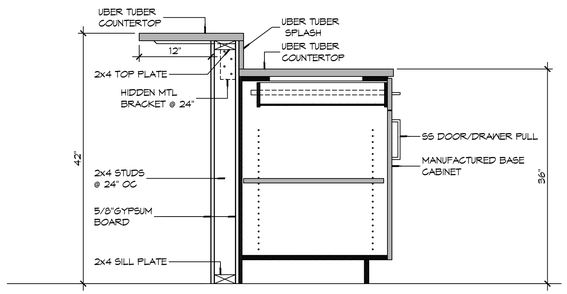
1. ALL KNEE SPACES SHALL HAVE 23 INCH MINIMUM VERTICAL CLEARANCE.
2. AT 90° INSIDE CORNERS OF BASE AND TOP CABINETS, PROVIDE CORNER CABINETS WITH SHELVING ACCESSIBLE FROM AT LEAST ONE SIDE.
3. WHERE GROMMETS ARE SHOWN, PROVIDE MOCKETT PU3-90 OR APPROVED EQUAL. HOLES SHALL BE FIELD DRILLED AND SIZED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. COORDINATE EXACT LOCATION WITH OWNER.
4. PROVIDE BRACES FOR UNSUPPORTED COUNTERTOPS AT 4 FEET MAXIMUM SPACING. INDICATE LOCATION OF BRACES ON SHOP DRAWINGS. BRACES SHALL HAVE A BEARING DEPTH OF AT LEAST 2/3 THE DEPTH OF THE SURFACE BEING SUPPORTED. PROVIDE BRACES WITH A 90° ANGLE BETWEEN THE HORIZONTAL AND VERTICAL LEGS AND SHALL NOT INTERFERE WITH ADA CLEARANCE REQUIREMENTS, AND COMPLY WITH DETAILS PROVIDED IN THE DRAWINGS.
5. SUPPORT BRACKETS SHALL NOT INTERFERE WITH MOUNTING OF SINKS/LAVATORIES.
6. CABINETWORKS/CASEWORK, BASES AND COUNTERTOPS SHALL HAVE SEALANT AT ALL JUNCTURES WITH EACH OTHER AND ALL OTHER ADJOINING SURFACES/MATERIALS EVEN THOUGH JOINTS MAY NOT BE VISIBLE. ALL SEALANT IS REQUIRED TO BE COLOR-COORDINATED TO MATCH THE COLOR OF THE ADJACENT SURFACE. WHEN THE TWO ADJACENT SURFACES ARE DIFFERENT, CONTRACTOR SHALL SPECIFICALLY REQUEST THAT THE ARCHITECT IDENTIFY WHICH SURFACE COLOR SHALL BE MATCHED.

PLASTIC LAMINATE COLOR SCHEDULE:

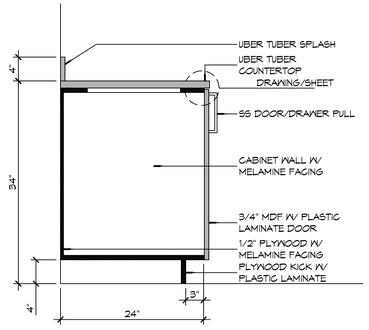
PL-1	FORMICA RATTAN CANE	3699-58	MATTE FINISH
PL-2	FORMICA TERRIL	2297-58	MATTE FINISH



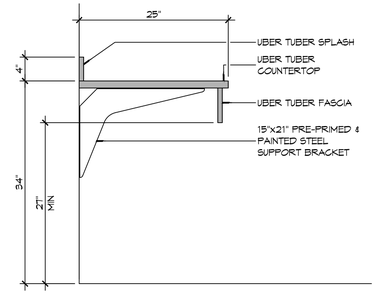
11 CASEWORK DET
SCALE: 1" = 1'-0" GEAR ROOM



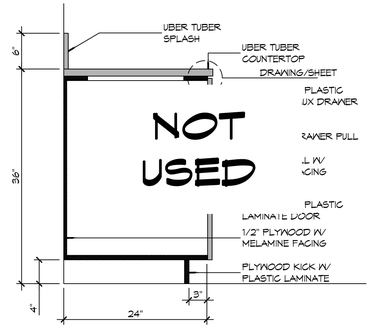
10 CASEWORK DETAIL
SCALE: 1" = 1'-0" KITCHEN PENINSULA



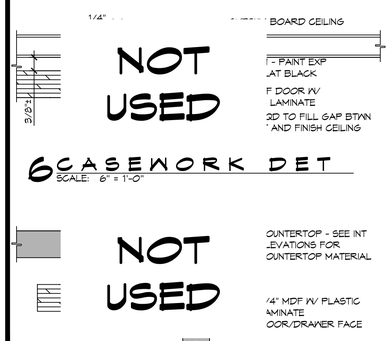
9 CASEWORK DET
SCALE: 1" = 1'-0" LAVATORY BASE CABINET



8 CASEWORK DET
SCALE: 1" = 1'-0" LAVATORY COUNTER

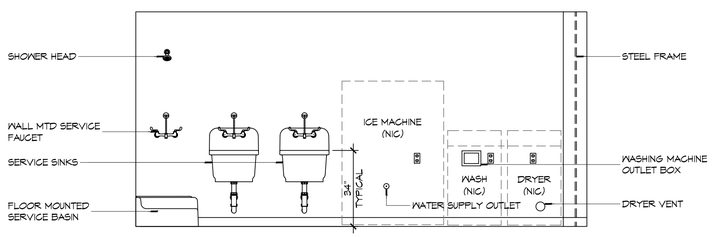


7 CASEWORK DET
SCALE: 1" = 1'-0" KITCHEN SINK CABINET

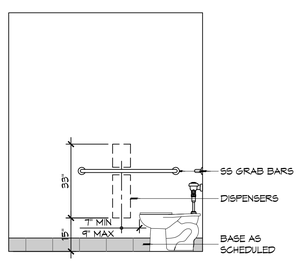


6 CASEWORK DET
SCALE: 6" = 1'-0"

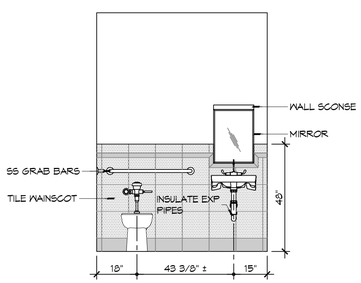
5 CASEWORK DET
SCALE: 6" = 1'-0"



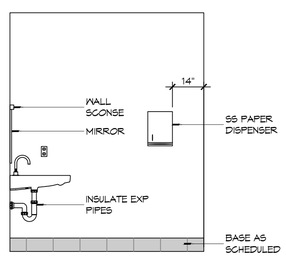
4 INTERIOR ELEVATION
SCALE: 3/8" = 1'-0" UTILITY ROOM - 118



3 INTERIOR ELEV
SCALE: 3/8" = 1'-0" REST ROOM - 119



2 INTERIOR ELEV
SCALE: 3/8" = 1'-0" REST ROOM - 119



1 INTERIOR ELEV
SCALE: 3/8" = 1'-0" REST ROOM - 119

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2540 Lakeshore Trail
Slidell, LA 70458

#	DESCRIPTION	DATE
	REVISIONS	

SEAL:

JARED M. SIMONEAUX REG. NO. 7731 STATE OF LOUISIANA REGISTERED ARCHITECT

NEW FIRE STATION #10
ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1
2745 LAKESHORE VISTA BLVD
SLIDELL, LA 70461

JOB No:	2514
DATE:	12-03-2025
DRAWN BY:	CKD
CHECKED BY:	JMS

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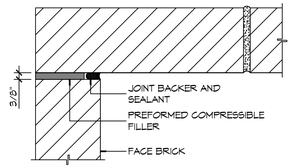
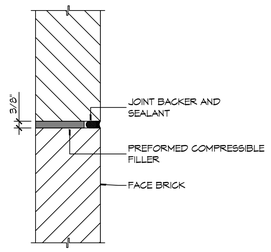
SHEET TITLE:
INTERIOR ELEVATIONS AND CASEWORK DETAILS

DRAWING NUMBER:
A402

SHEET No: 26 of 37



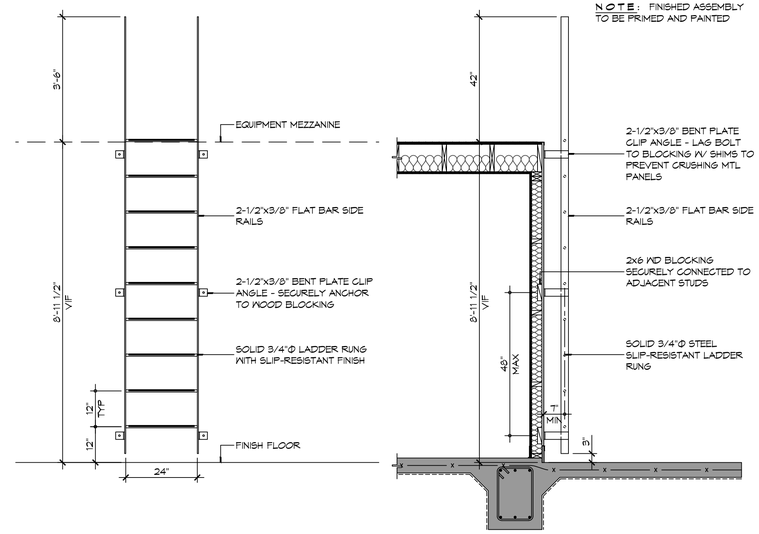
B INSIDE MASONRY CORNER



A IN-LINE MASONRY

NOT USED

NOT USED

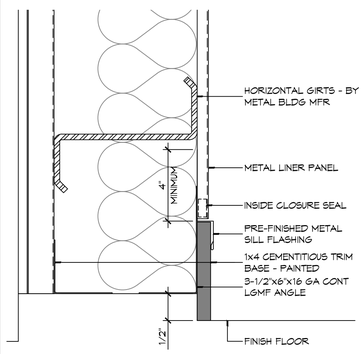


8 DETAIL
SCALE: 3" = 1'-0" TYPICAL MASONRY CONTROL JOINT

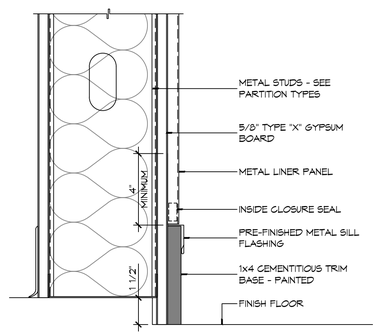
7 DETAIL
SCALE: 1 1/2" = 1'-0" MASONRY SHELF ANGLE AT ROOF

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

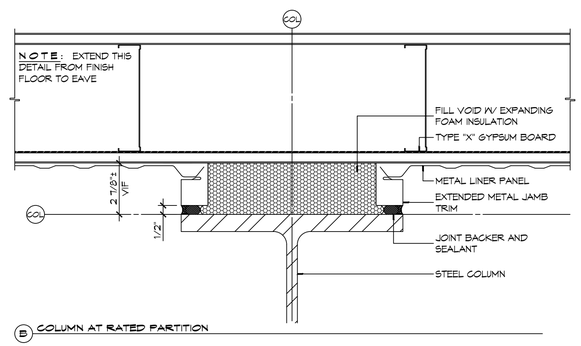
5 LADDER DETAILS
SCALE: 1/2" = 1'-0"



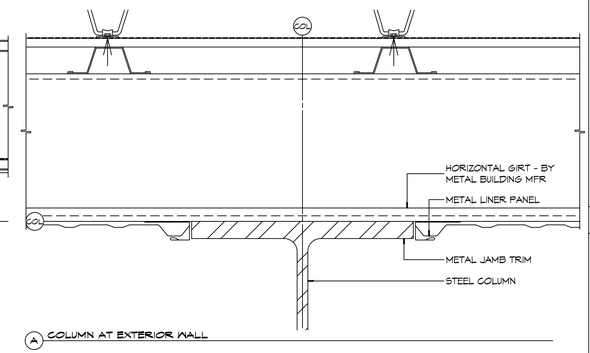
4 DETAIL
SCALE: 3" = 1'-0" TYPICAL BASE/LINER PANEL JUNCTION



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

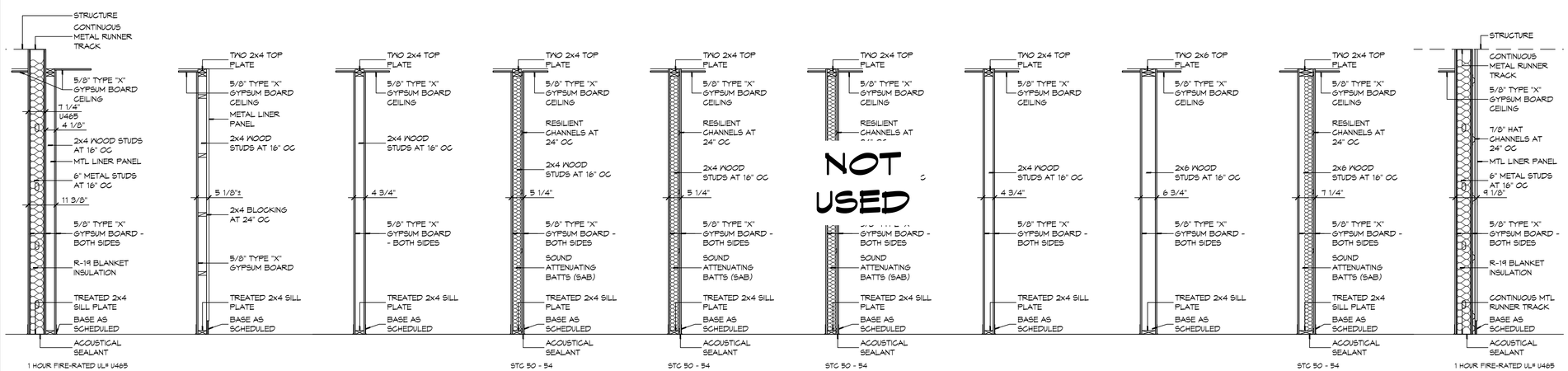


B COLUMN AT RATED PARTITION



A COLUMN AT EXTERIOR WALL

2 PLAN DETAILS
SCALE: 3" = 1'-0" TYPICAL COLUMN/LINER PANEL JUNCTION



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

PARTITION NOTES

1. THE "PARTITION TYPE TAG", 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 ADDITION.
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 GA (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 (WRGB) AT AREAS THAT ARE SCHEDULED TO RECEIVE CERAMIC TILE FINISH.
15. PROVIDE 5/8" CEMENTITIOUS BACKER BOARD (CBB) AT SHOWER AREAS AND OTHER WET 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. OFFSET PARTITION CONSTRUCTION AS NECESSARY TO EXTEND 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 (E1)

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.

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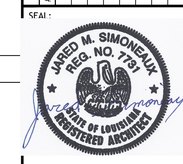
PH: 985.649.5832
Chief Engineer: Brian Mistich, PE
5540 Highway 190
Slidell, LA 70458

#	DESCRIPTION	REVISIONS	DATE

SEAL:



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

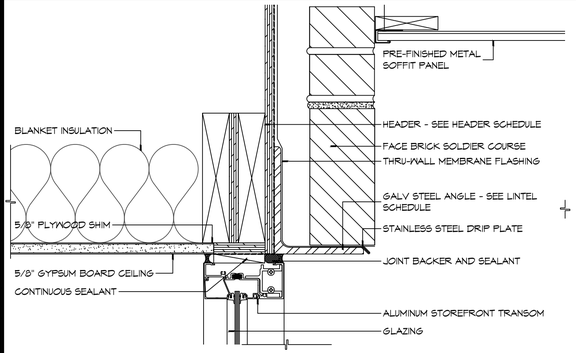
2145 LAKESHORE VISTA BLVD
SLIDELL, LA 70461

JOB No:	2514	DATE:	12-03-2025
DRAWN BY:	CKD	CHECKED BY:	JMS

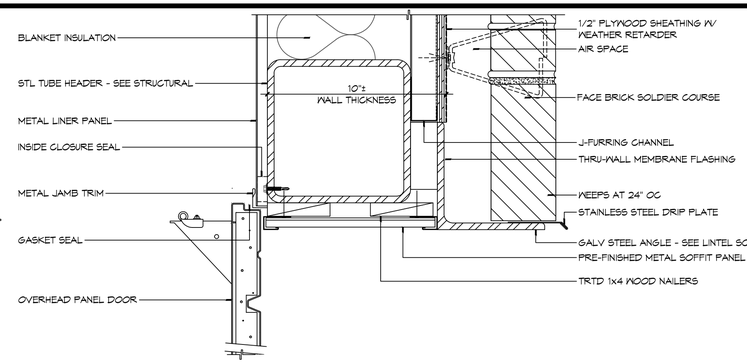
SHEET TITLE:
PARTITION TYPES, MISCELLANEOUS DETAILS

DRAWING NUMBER:
A501

SHEET No: 27 of 37



21 DOOR DETAIL
SCALE: 3" = 1'-0" HEAD



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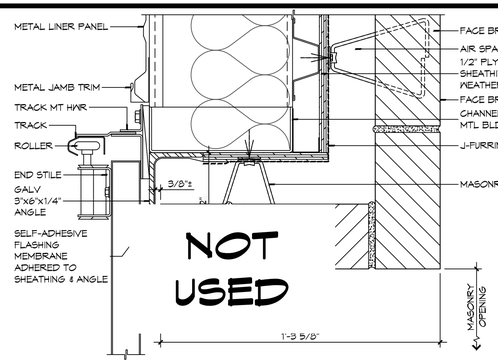
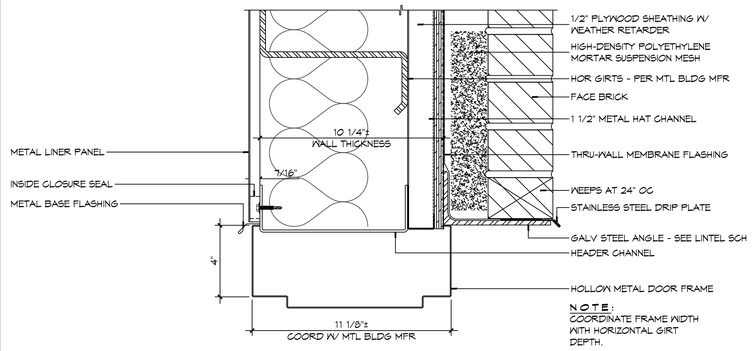


19 DOOR DETAIL
SCALE: 3" = 1'-0" JAMB

DOOR AND FRAME NOTES

1. HOLLOW METAL FRAME DIMENSIONS INDICATED IN THE DETAILS ARE NOMINAL. 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 STOPS. 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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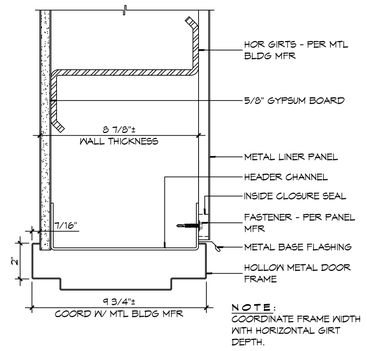

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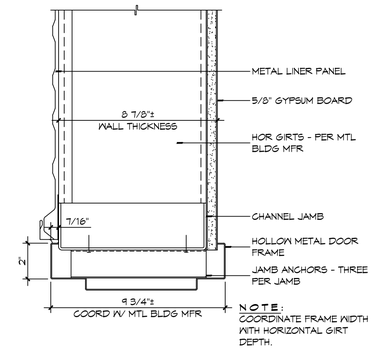
SCALE: 3" = 1'-0" HEAD



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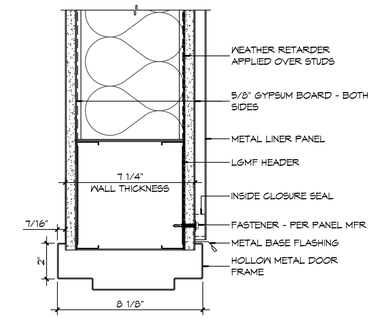

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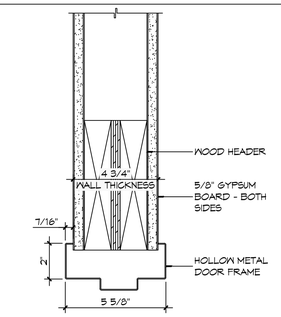
SCALE: 3" = 1'-0" HEAD



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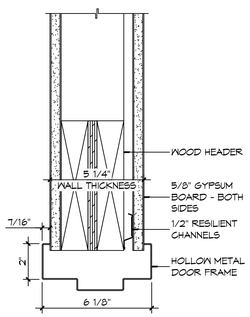
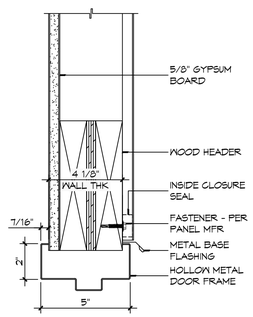
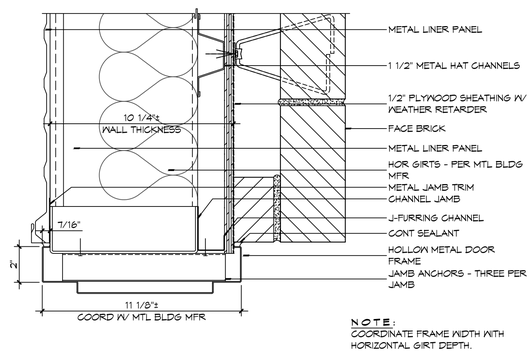
SCALE: 3" = 1'-0" HEAD



13 DOOR DETAIL
SCALE: 3" = 1'-0" SILL



12 DOOR DETAIL
SCALE: 3" = 1'-0" SILL



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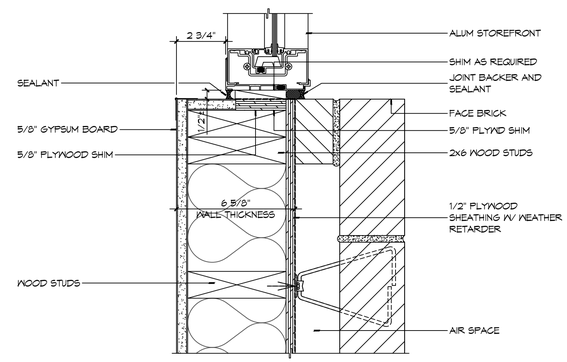

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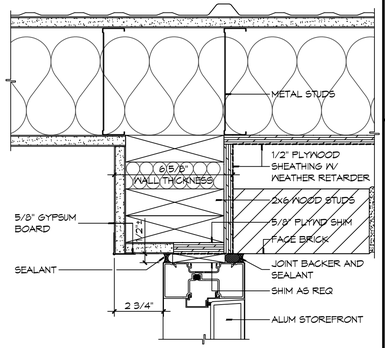

9 DOOR DETAIL
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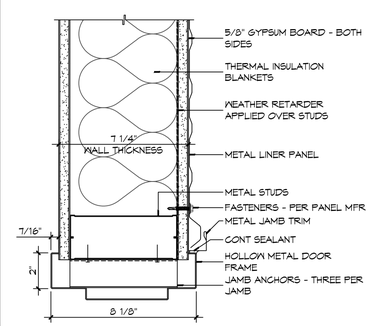
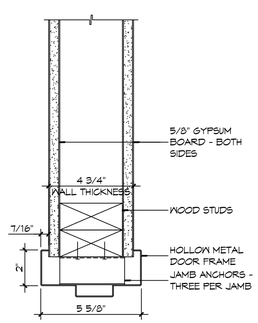


6 DOOR DETAIL
SCALE: 3" = 1'-0" JAMB



5 DOOR DETAIL
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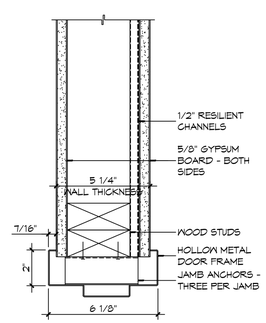

4 DOOR DETAIL
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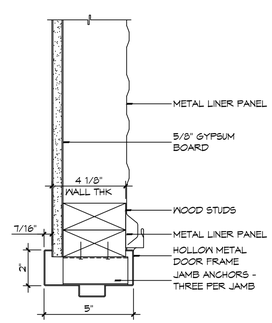
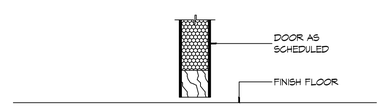
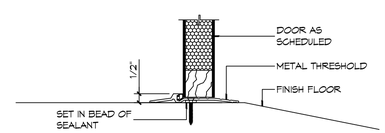


3 DOOR DETAIL
SCALE: 3" = 1'-0" JAMB



8 DOOR DETAIL
SCALE: 3" = 1'-0" SILL



7 DOOR DETAIL
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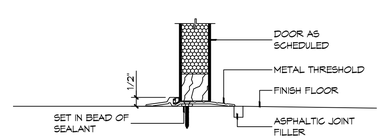

2 DOOR DETAIL
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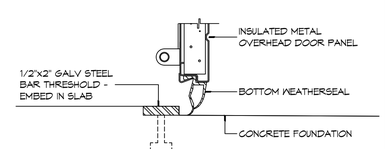

1 DOOR DETAIL
SCALE: 3" = 1'-0" SILL

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Chief Engineer: Brian Mistich, PE
5540 Cleary Ave
Suite 101
Metairie, LA 70058

#	DESCRIPTION	DATE
	REVISIONS	

SEAL:

JARED M. SIMONEAUX REG. NO. 7731 STATE OF LOUISIANA REGISTERED ARCHITECT

NEW FIRE STATION #10
ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1
2145 LAKESHORE VISTA BLVD
SLIDELL, LA 70461

JOB No:	2514
DATE:	12-03-2025
DRAWN BY:	CKD
CHECKED BY:	JMS

SHEET TITLE:
DOOR DETAILS

DRAWING NUMBER:
A502

SHEET No: 28 of 37

DOOR SCHEDULE

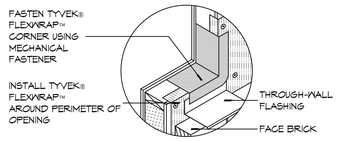
MK	WIDTH	HEIGHT	TYPE	THICK	DOOR MATERIAL	FRAME MATERIAL	FRAME TYPE	HEAD	JAMB	SILL	FR	HWR	REMARKS
101A	3'-0"	7'-0"	FG	1 3/4"	ALUM	ALUM	F4	21/A502	9/A502 & 10/A502	7/A502	NR	01	
101B	3'-0"	7'-0"	F	1 3/4"	INSUL MTL	HM	F1	15/A502	6/A502	1/A502	45 MIN	07	
102A	3'-0"	7'-0"	GG	1 3/4"	ALUM	ALUM	F3	21/A502	10/A502	7/A502	NR	01	
103A	3'-0"	7'-0"	F	1 3/4"	SC WOOD	HM	F2	13/A502	4/A502	8/A502	20 MIN	02	SMOKE TIGHT
104A	3'-0"	7'-0"	F	1 3/4"	SC WOOD	HM	F2	14/A502	5/A502	8/A502	NR	03	
105A	(2) 2'-0"	7'-0"	LL	1 3/4"	SC WOOD	HM	F2	14/A502	5/A502	8/A502	NR	06A	
107A	3'-0"	7'-0"	F	1 3/4"	SC WOOD	HM	F2	13/A502	4/A502	8/A502	20 MIN	02	SMOKE TIGHT
109A	(2) 1'-6"	7'-0"	LL	1 3/4"	SC WOOD	HM	F2	14/A502	5/A502	8/A502	NR	06	
109B	(2) 1'-6"	7'-0"	LL	1 3/4"	SC WOOD	HM	F2	14/A502	5/A502	8/A502	NR	06	
109C	(2) 1'-6"	7'-0"	LL	1 3/4"	SC WOOD	HM	F2	14/A502	5/A502	8/A502	NR	06	
113A	3'-0"	7'-0"	F	1 3/4"	SC WOOD	HM	F2	13/A502	4/A502	8/A502	20 MIN	05	SMOKE TIGHT
114A	3'-0"	7'-0"	F	1 3/4"	SC WOOD	HM	F2	14/A502	5/A502	8/A502	NR	04	
116A	2'-4"	7'-0"	F	1 3/4"	SC WOOD	HM	F2	14/A502	5/A502	8/A502	NR	13	
117A	14'-0"	14'-0"	O2	1"±	INSUL MTL	MTL	N/A	20/A502	19/A502	1/A502	NR	01	SEE DOOR NOTES NO. 1
117B	14'-0"	14'-0"	O2	1"±	INSUL MTL	MTL	N/A	20/A502	19/A502	1/A502	NR	01	SEE DOOR NOTES NO. 1
117C	12'-0"	14'-0"	O2	1"±	INSUL MTL	MTL	N/A	20/A502	19/A502	1/A502	NR	01	SEE DOOR NOTES NO. 1
117D	3'-0"	7'-0"	F	1 3/4"	INSUL MTL	HM	F2	18/A502	11/A502	2/A502	NR	12	
118A	3'-0"	7'-0"	L	1 3/4"	METAL	HM	F2	12/A502	3//A502	7/A502	NR	08	
119A	3'-0"	7'-0"	L	1 3/4"	METAL	HM	F2	12/A502	3//A502	7/A502	NR	03	
120A	3'-0"	7'-0"	L	1 3/4"	METAL	HM	F2	12/A502	3//A502	7/A502	NR	09	
121A	14'-0"	14'-0"	O2	1"±	INSUL MTL	MTL	N/A	20/A502	19/A502	1/A502	NR	01	SEE DOOR NOTES NO. 1
121B	14'-0"	14'-0"	O2	1"±	INSUL MTL	MTL	N/A	20/A502	19/A502	1/A502	NR	01	SEE DOOR NOTES NO. 1
122A	3'-0"	7'-0"	L	1 3/4"	MTL	HM	F2	17/A502	16/A502	7/A502	NR	09	
123A	3'-0"	7'-0"	L	1 3/4"	MTL	HM	F2	17/A502	16/A502	7/A502	NR	09	
124A	-	-	-	-	-	-	-	-	-	-	-	-	NOT USED
124B	8'-0"	7'-0"	01	1"±	MTL	MTL	N/A	20/A502	19/A502	1/A502	NR	01	MANUAL OPERATION

WINDOW SCHEDULE

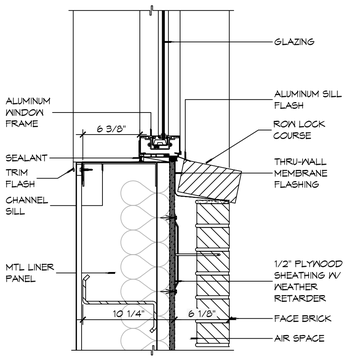
MK	SIZE (WxH)	FRAME	TYPE	GLAZING	REMARKS
A	3'-0"x4'-0"	ALUM	SINGLE HUNG	IMPACT	BLACK FRAME
B	3'-2"x4'-0"	ALUM	FIXED	IMPACT	BLACK FRAME
C	3'-0"x4'-0"	ALUM	SINGLE HUNG	IMPACT	BLACK FRAME
D	3'-0"x4'-0"	ALUM	SINGLE HUNG	IMPACT	OBSCURE/TRANSLUCENT GLASS W/BLACK FRAME
E	3'-0"X5'-6"	ALUM	SINGLE HUNG	IMPACT	BLACK FRAME

NOTE; ALL EXTERIOR WINDOWS AND DOOR ASSEMBLES TO BE RATED FOR 140 MPH WINDS AND SHALL BE MISSILE IMPACT RESISTANT.

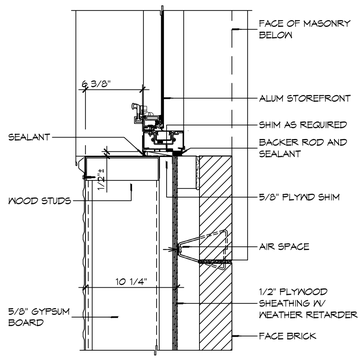
NOTE:
DOORS IN A REQUIRED MEANS OF EGRESS SERVING ANY ASSEMBLY AREA HAVING AN OCCUPANT LOAD OF 50 OR MORE PERSONS SHALL NOT BE EQUIPPED WITH A LATCH OR LOCK OTHER THAN PANIC HARDWARE OR FIRE EXIT HARDWARE.



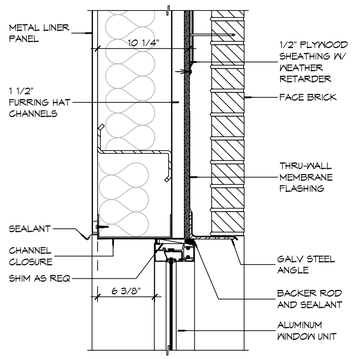
10 DETAIL
SCALE: NTS — TYPICAL WINDOW SILL FLASHING



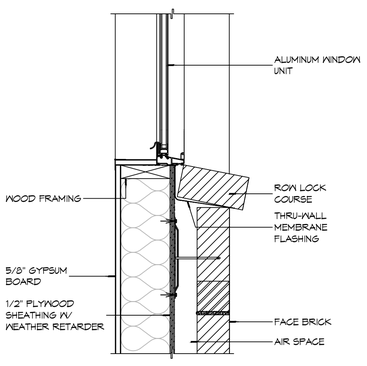
9 WINDOW DETAIL
SCALE: 1 1/2" = 1'-0" — SILL



8 WINDOW DETAIL
SCALE: 1 1/2" = 1'-0" — JAMB



7 WINDOW DETAIL
SCALE: 1 1/2" = 1'-0" — HEAD



6 WINDOW DETAIL
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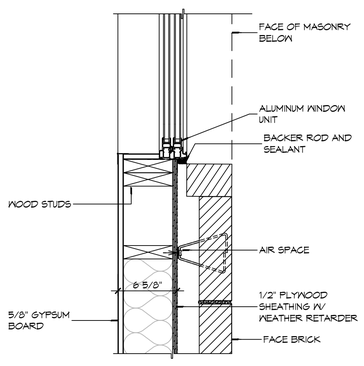
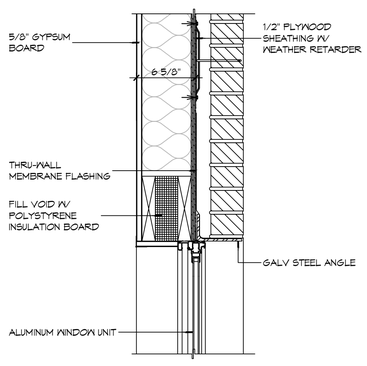
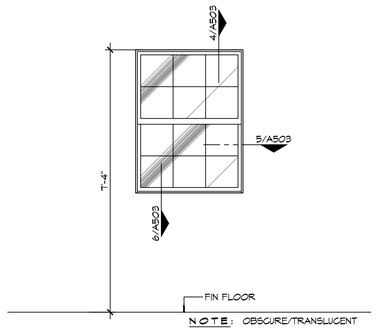


5 WINDOW DETAIL
SCALE: 1 1/2" = 1'-0" — JAMB

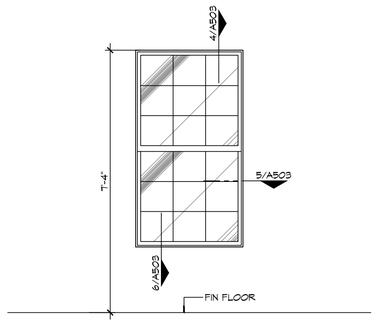


4 WINDOW DETAIL
SCALE: 1 1/2" = 1'-0" — HEAD



NOTE: OBSCURE/TRANSLUCENT GLASS FOR THIS WINDOW TYPE ONLY

D



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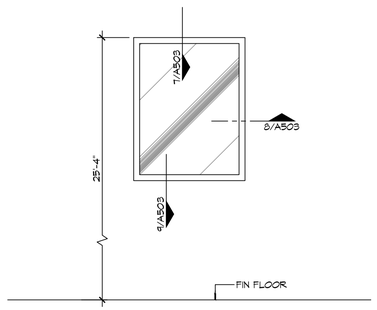

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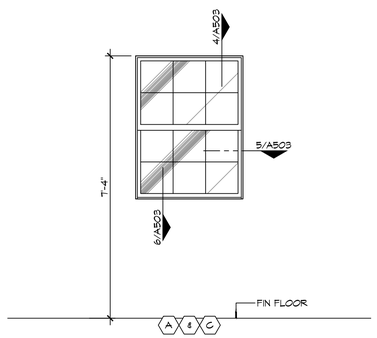
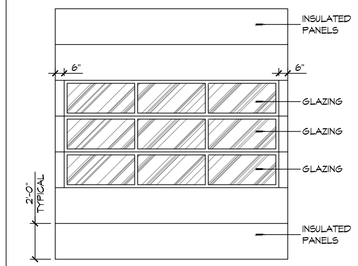


A & C

3 WINDOW TYPES
SCALE: 1/2" = 1'-0"



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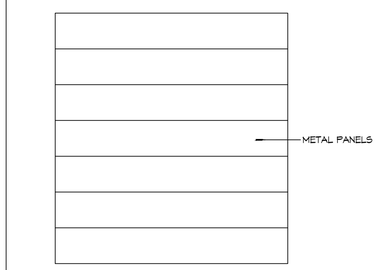
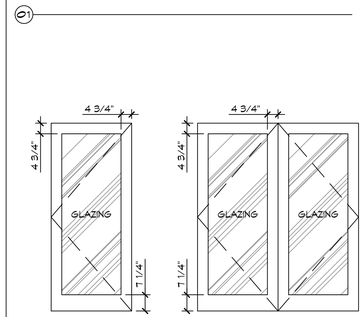
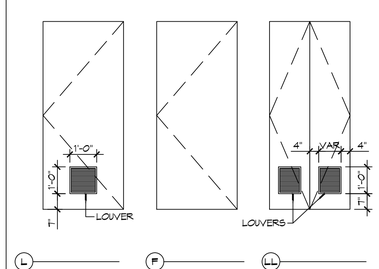


D1



F6 — SS



L — F — LL

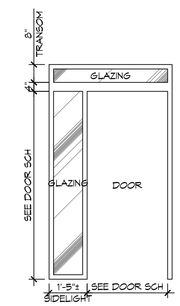
2 DOOR TYPES
SCALE: NTS

GENERAL OPENING SCHEDULE NOTES

1. CONTRACTOR SHALL VERIFY ROUGH OPENING DIMENSIONS WITH MANUFACTURER'S REQUIREMENTS PRIOR TO CONSTRUCTION.
2. ALL EGRESS DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.
3. ALL DOORS NOT SPECIFIED TO RECEIVE A THRESHOLD SHALL HAVE A 3/4" UNDERCUT UNLESS NOTED OTHERWISE.
4. DO NOT PAINT OVER FIRE-RATED LABELS, TAGS, EMBOSSING, ETC. ON DOOR FRAMES OR DOORS.
5. INSTALL WINDOWS, DOORS AND BRICK VENEER PER CODE.

DOOR NOTES

1. DOOR WIDTH REFERS TO MASONRY OPENING - COORDINATE UNIT WIDTH WITH JAMB DETAIL AND MANUFACTURER'S REQUIREMENTS.
2. PROVIDE 3/4" DOOR UNDERCUT AT ALL INTERIOR DOORS NOT EQUIPPED WITH A THRESHOLD OR WHERE NOTED OTHERWISE.



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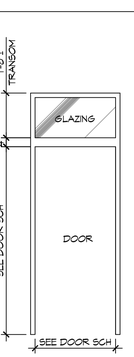

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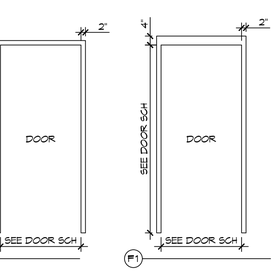

F2 — F1

1 FRAME TYPES
SCALE: NTS

DAMMON ENGINEERING, INC.
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PH: 985.649.5832
Chief Engineer: Brian Mistich, PE
5540 Lakeshore Trail
Slidell, LA 70458

#	DESCRIPTION	DATE
	REVISIONS	

SEAL:

JARED M. SIMONEAUX REG. NO. 7737 STATE OF LOUISIANA REGISTERED ARCHITECT

NEW FIRE STATION #10
ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1
2145 LAKESHORE VISTA BLVD
SLIDELL, LA 70461

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

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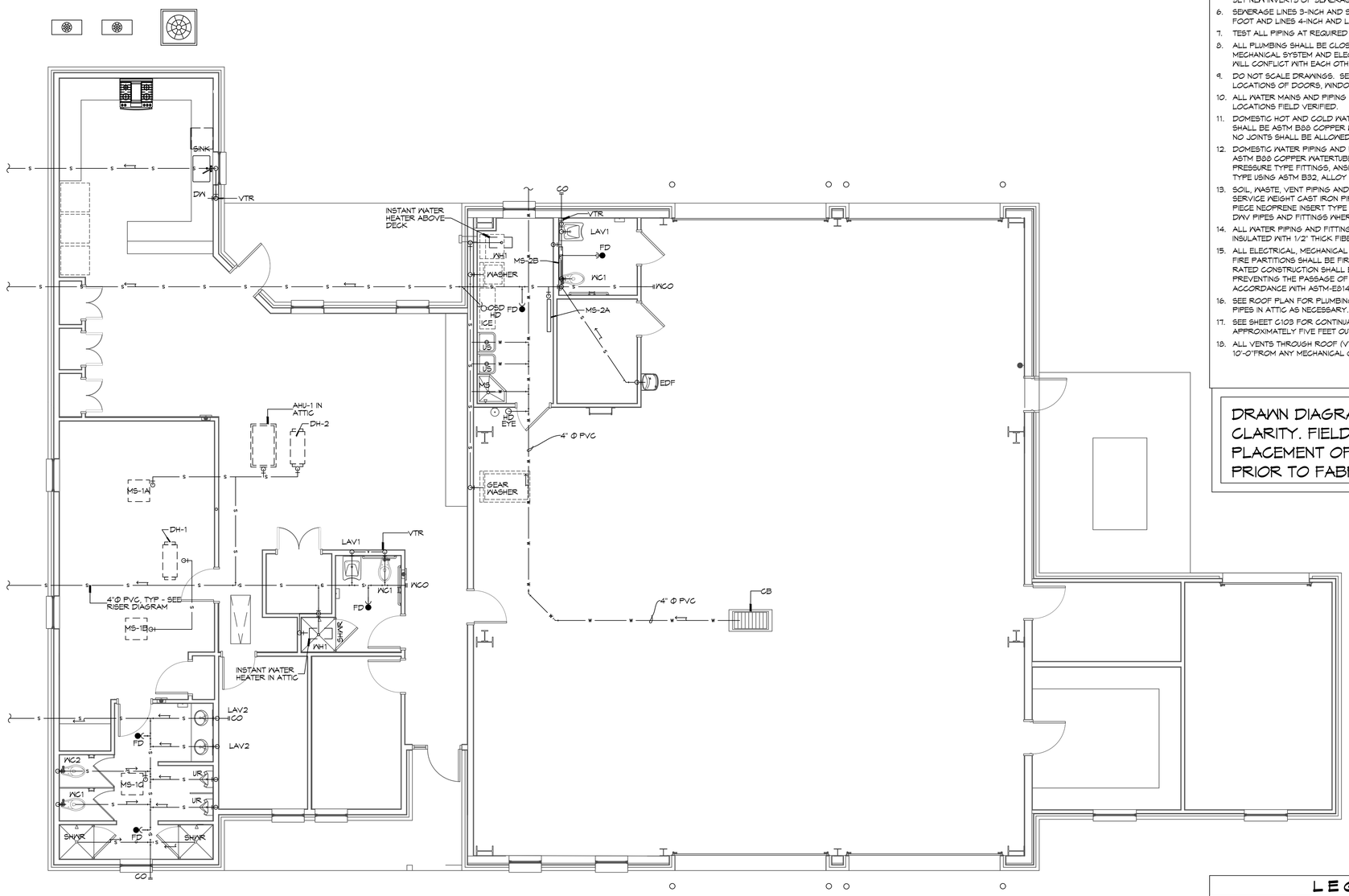
SHEET TITLE:
DOOR AND WINDOW SCHEDULES, DOOR, WINDOW TYPES, & WINDOW DETAILS

DRAWING NUMBER:

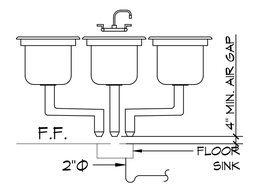
A503

SHEET No: 29 of 37

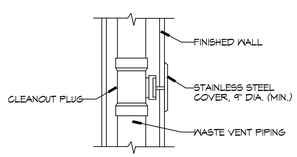
FILE NAME: J:\- Dammon\2519 - Fire Station #10\Drawings\Current Drawings\A503-Opening Schedules.dwg PLOT DATE & TIME: Wednesday, December 3, 2025 12:04:48 PM



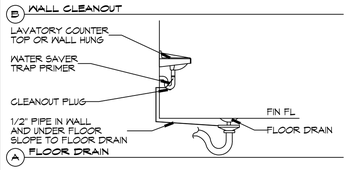
1 PLUMBING SEWER PLAN
SCALE: 3/16"=1'-0"



C HUB DRAIN DETAIL

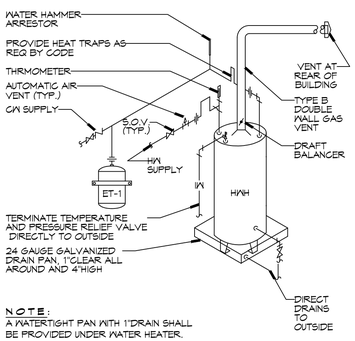


B WALL CLEANOUT



A FLOOR DRAIN

3 DETAILS
SCALE: NTS — MISCELLANEOUS PLUMBING



NOTE:
A WATERTIGHT PAN WITH 1"DRAIN SHALL BE PROVIDED UNDER WATER HEATER.

2 DETAIL
SCALE: NTS — WATER HEATER

GENERAL PLUMBING NOTES

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, SEWER AND VENT PIPING, INSULATION, WATER HEATER, HANGERS, VALVES, SUPPORTS WITHOUT ANY RESTRICTIONS TO VOLUME. CUT AND PATCH AS REQUIRED TO INSTALL PIPES.
3. ALL WORK AND MATERIAL SHALL CONFORM STRICTLY TO THE LATEST LOCAL CITY, PARISH, STATE AND NATIONAL GOVERNING CODES.
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 WATERTUBE, TYPE L. HARD DRAWN WITH COPPER PRESSURE TYPE FITTINGS, ANSI B16.22. THE JOINTS SHALL BE SOLDERED TYPE USING ASTM B32, ALLOY GRADE 95A (95-5) SOLDER.
13. SOIL, WASTE, VENT PIPING AND FITTINGS ABOVE THE SLAB SHALL BE SERVICE WEIGHT CAST IRON PIPE WITH BELL AND SPIGOT ENDS AND ONE PIECE NEOPRENE INSERT TYPE GASKET. USE PVC,SCHEDULE 40 OR ABS DWV PIPES AND FITTINGS WHERE PERMITTED BY CODE.
14. ALL WATER PIPING AND FITTINGS ABOVE THE FLOOR SHALL BE INSULATED WITH 1/2" THICK FIBERGLASS INSULATION AND JACKET.
15. ALL ELECTRICAL, MECHANICAL AND PLUMBING ELEMENTS PENETRATING FIRE PARTITIONS SHALL BE FIRE CAULKED. (PENETRATIONS THROUGH RATED CONSTRUCTION SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM-E814.)
16. SEE ROOF PLAN FOR PLUMBING ROOF PENETRATIONS. ROUTE VENT PIPES IN ATTIC AS NECESSARY.
17. 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.

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

LEGEND

SYMBOL	DESCRIPTION
—— S —— S ——	SANITARY SEWER
—— DW —— DW ——	POTABLE/DOMESTIC WATER
—— V —— V ——	VENT PIPE
—— W —— W ——	WASTE WATER
—— GAS —— GAS ——	GAS PIPE
—— C —— C ——	CONDENSATE PIPE
FD	FLOOR DRAIN
OSD	OPEN SIGHT DRAIN
CO	LINE CLEAN OUT
WCO	WALL CLEAN OUT

DAMMON ENGINEERING, INC.
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PH: 985.649.5832
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5540 Oakridge Trail
Slidell, LA 70458

#	DESCRIPTION	DATE
	REVISIONS	

SEAL:

STATE OF LOUISIANA — BRIAN A. MISTICH — License No. 30187 — PROFESSIONAL ENGINEER

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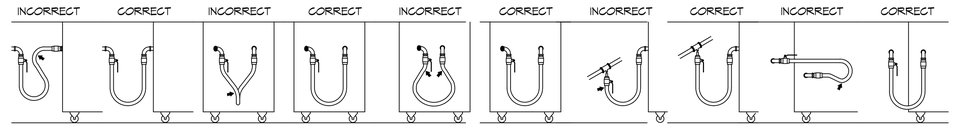
NEW FIRE STATION #10
ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1
2145 LAKESHORE VISTA BLVD
SLIDELL, LA 70461

JOB No:	2914
DATE:	12-03-2025
DRAWN BY:	GSD
CHECKED BY:	BAM

SHEET TITLE:
PLUMBING PLAN - SEWER AND WASTE, AND MISC PLUMBING DETAILS

DRAWING NUMBER:
P101

SHEET No: 30 of 37



1 **SHARP BENDS:** THE CORRECT WAY TO INSTALL METAL HOSE FOR VERTICAL TRAVERSE IS WITH A SINGLE, NATURAL LOOP. AVOID SHARP BENDS THAT STRAIN AND TWIST THE METAL HOSE TO A POINT OF EARLY FAILURE AT THE COUPLING.

TWISTING: COUPLINGS AND HOSE SHOULD BE INSTALLED IN THE SAME VERTICAL PLANE. FAILURE TO DO SO CAUSES TORSIONAL TWISTING & UNDUE STRAIN CAUSING PREMATURE FAILURE.

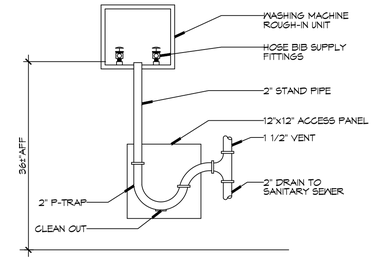
FATIGUE: MAINTAIN THE MINIMUM OR LARGER BENDING DIAMETER BETWEEN THE COUPLINGS. CREATES DOUBLE BENDS CAUSING WORK FATIGUE AT THE FITTINGS.

INCORRECT: AVOID SHARP BENDS AND KINKS WHEN PULLING EQUIPMENT AWAY FROM WALL. MAXIMUM PULL WILL KINK ENDS, EVEN IF INSTALLED PROPERLY, AND REDUCE CONNECTOR LIFE.

CORRECT: MINIMUM PULL OF EQUIPMENT AWAY FROM WALL PERMISSIBLE FOR ACCESSIBILITY TO SUPR-QUIK DISCONNECT.

SELF-DRAINING: IN ALL INSTALLATIONS WHERE SELF-DRAINING IS NOT NECESSARY, CONNECT METAL HOSE IN A VERTICAL LOOP. DO NOT CONNECT METAL HOSE HORIZONTALLY UNLESS SELF-DRAINING IS NECESSARY, THEN USE SUPPORT ON LOWER PLANE.

4 GAS HOSE CONNECTIONS
SCALE: NTS



3 DETAIL
SCALE: NTS

WASHING MACHINE HOOK-UP

GENERAL PIPING NOTES

1. SEE SHEET P101 FOR GENERAL PLUMBING NOTES.
2. WATER LINES ON EXTERIOR WALLS SHALL BE ROUTED ON INTERIOR SIDE OF INSULATION.
3. NOT USED.
4. SEE PLUMBING RISER DIAGRAMS FOR PIPE SIZES NOT INDICATED ON THIS SHEET.

LEGEND

SYMBOL	DESCRIPTION
CW	COLD WATER SUPPLY PIPING (CW)
HW	HOT WATER SUPPLY PIPING (HW)
THW	TEMPERED WATER SUPPLY PIPING (THW)
GAS	GAS PIPING
	GLOBE VALVE
	TEMPERING VALVE
	GAS COCK
	HEATER
	ELBOW UP
	ELBOW DOWN
HB	HOSE BIB
	SPRINKLER RISER

GAS EQUIPMENT SCHEDULE

DESCRIPTION	BTU INPUT
RINNAI TANKLESS HOT WATER HEATER	199,900
RANGE	106,500
SPACE HEATER	125,000
CLOTHES DRYER	35,000
GENERATOR	1261000
TOTAL BTU	1,707,400

NOTES:
1. ALL GAS PIPE SHALL BE SCHEDULE 40 BLACK STEEL PIPE. ALL PIPE INSTALLED ON ROOF SHALL BE SUPPORTED ON A PIPE PIER SUPPORT SYSTEM. WOOD BLOCKING NOT ALLOWED.
2. ALL GAS PIPING IS SIZED FOR A LOW PRESSURE SYSTEM. (< 2 psig OR LESS AND A PRESSURE DROP OF 0.5in. OF WATER COLUMN.)

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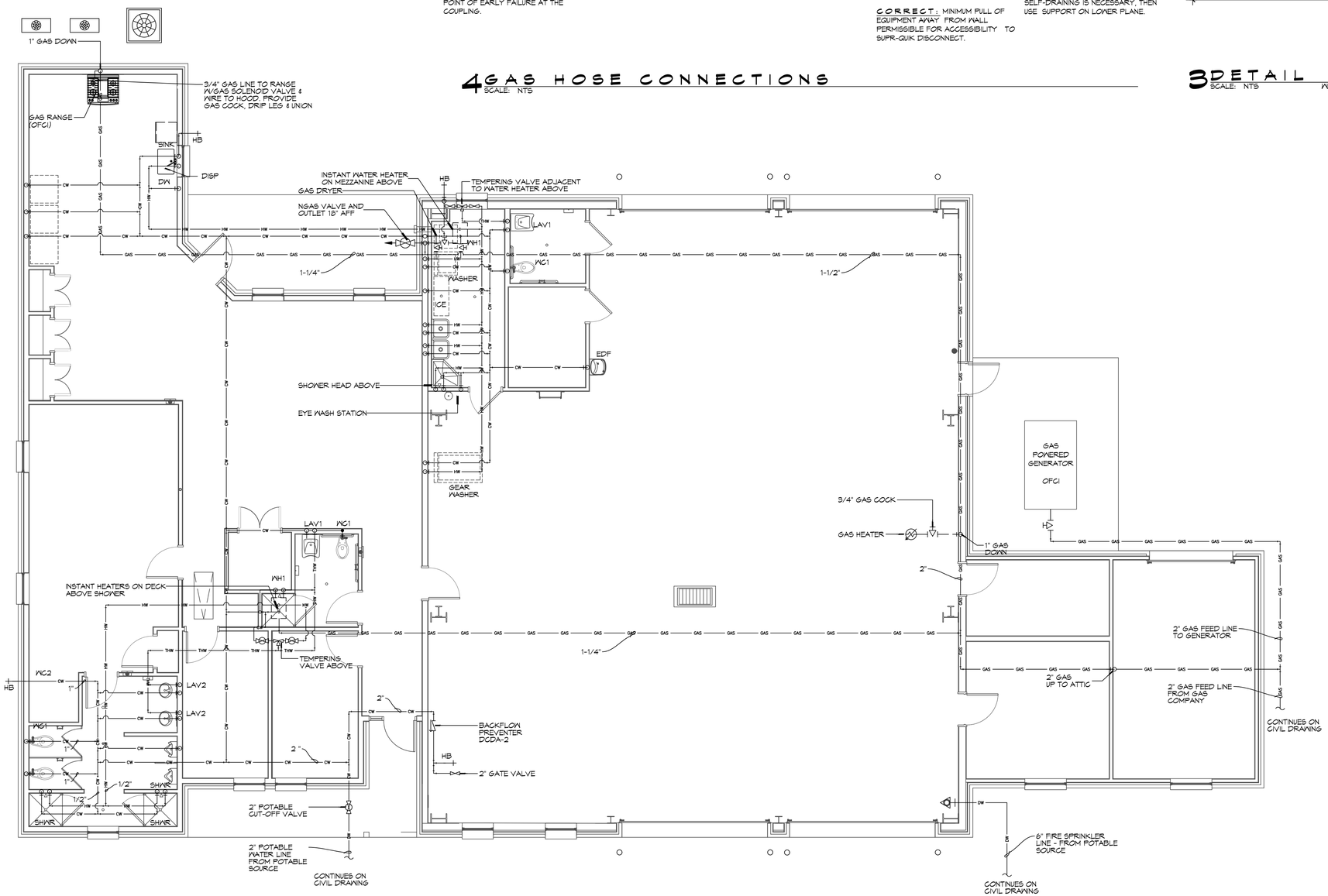
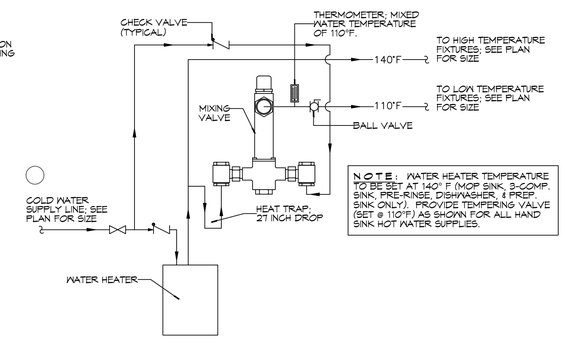
CONTACT FOR MAGNOLIA WATER
Steve Ernst
Director, Louisiana Regulatory Relations
Email: sernst@cswrgroup.com
M:(985) 640-1355



NOTES:
1. HEAT TRAP IS NOT REQUIRED WHERE MIXING VALVE IS INSTALLED BELOW STORAGE TANK OR WATER HEATER.
2. SET THE MIXING VALVE TO THE SYSTEM ACCORDING TO MANUFACTURER'S INSTRUCTIONS.



NOTE: WATER HEATER TEMPERATURE TO BE SET AT 140° F (MOP SINK, 3-COMP. SINK, PRE-RINSE, DISHWASHER, & PREP. SINK ONLY). PROVIDE TEMPERING VALVE (SET @ 110°F) AS SHOWN FOR ALL HAND SINK HOT WATER SUPPLIES.

2 PLUMBING PLAN - WATER AND GAS
SCALE: 3/16"=1'-0"

1 DETAIL
SCALE: NTS

TEMPERED WATER VALVE

DAMMON ENGINEERING, INC.
LOUISIANA & MISSISSIPPI
www.dammonengineering.com
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PH: 985.649.5832
Chief Engineer: Brian Mistich, PE
5540 Crawford Trail
Slidell, LA 70458

#	DESCRIPTION	DATE
	REVISIONS	

SEAL:

NEW FIRE STATION #10
ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1
2145 LAKESHORE VISTA BLVD
SLIDELL, LA 70461

JOB No:	2919
DATE:	12-03-2025
DRAWN BY:	CKD
CHECKED BY:	BAM

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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, W/ELONGATED WHITE SEAT	3,4
WC2	WATER CLOSET	VALVE	4"	2"	1"	-	SLOAN ELONGATED FLOOR MOUNTED ADA WATER CLOSET ST-2029, SLOAN ELECTRONIC FLUSH, W/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 TSBC1611 MOP SINK WITH CHICAGO 897-RGF FAUCET, DELTA FAUCET MULTI-CHOICE VALVE BODY R10000-IPWS; 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 LC-50	4
DW	DISHWASHER	UNDER COUNTER				1/2"	OFCI	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-IPWS; 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, GRAY, FILTERED	4
ICE	ICE MACHINE	FLOOR MOUNT	2"	2"	1/2"	-	OFCI	5
WASH	LAUNDRY WASHING MACHINE	FLOOR MOUNT	2"	1-1/2"	3/4"	3/4"	OFCI	5
DRYER	GAS CLOTHES DRYER	FLOOR MOUNT	-	-	-	-	OFCI	5
HB	FREEZE PROOF HOSE BIBB	WALL	-	-	1/2"	-	ZURN Z1341-BFP WALL FAUCET W/ BACKFLOW PREVENTER	4
FCO	FLOOR CLEAN-OUT	-	-	-	-	-	WADE 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	-	-	-	-	-	WADE #W-8453-R6, WITH BRASS PLUG AND ROUND STAINLESS STEEL SECURED ACCESS COVER.	4
CB	CATCH BASIN	-	SEE DWG				SCI PRECAST CB 24x24 W/CAST IRON FRAME AND GRATE U.S. FOUNDARY 4653/6337	4
OWS	OIL WATER SEPERATOR	-	-	-	-	-	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 G1825 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)

RISER DIAGRAM NOTES

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. DO NOT SCALE DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF DOORS, WINDOWS, WALLS, FIXTURES, ETC.
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.

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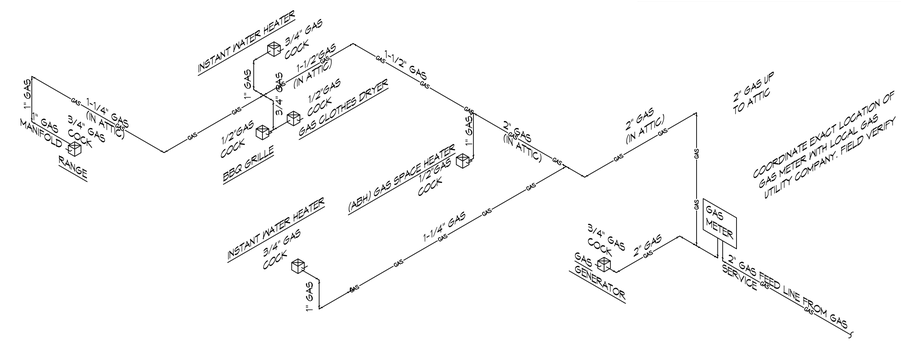
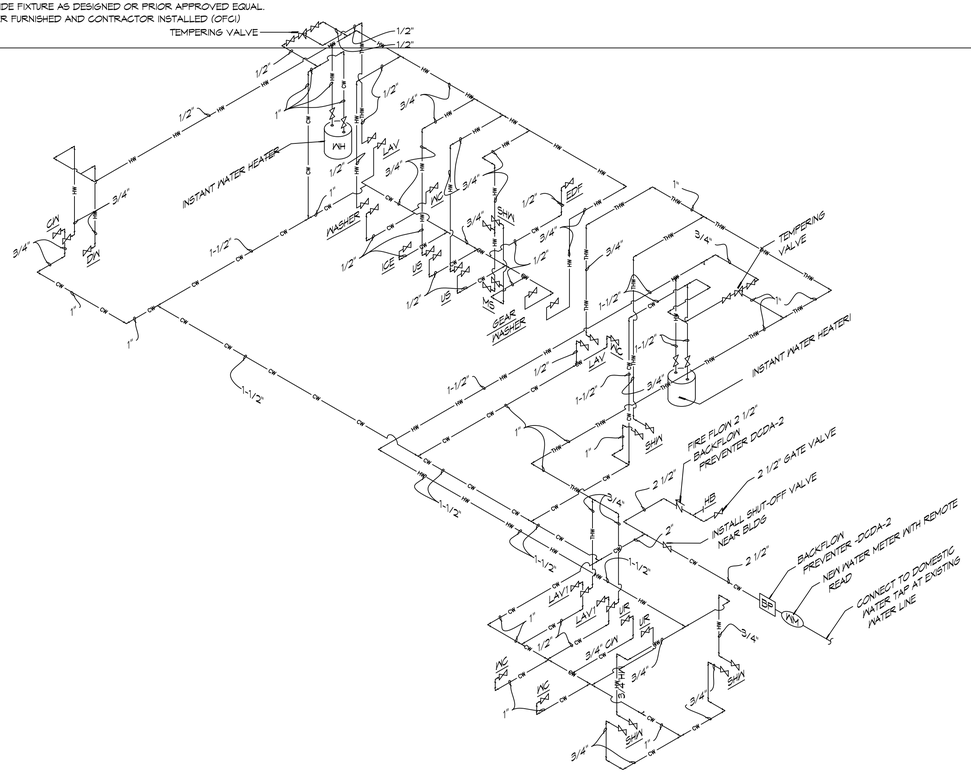
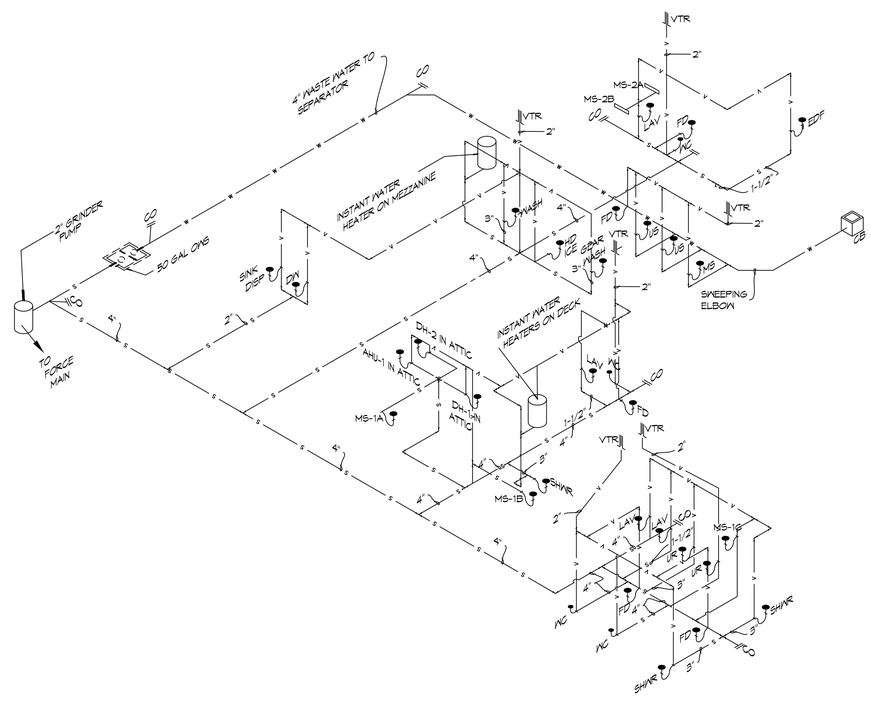


3 RISER DIAGRAM
SCALE: NTS
GAS



2 RISER DIAGRAM
SCALE: NTS
PLUMBING WATER SUPPLY



1 RISER DIAGRAM
SCALE: NTS
PLUMBING SEWER AND WASTE-WATER

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#	DESCRIPTION	DATE
	REVISIONS	

SEAL:
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BRIAN A. MISTICH
License No. 30187
PROFESSIONAL ENGINEER

NEW FIRE STATION #10
ST. TAMMANY FIRE PROTECTION DISTRICT No. 1
2145 LAKESHORE VISTA BLVD
SLIDELL, LA 70461

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

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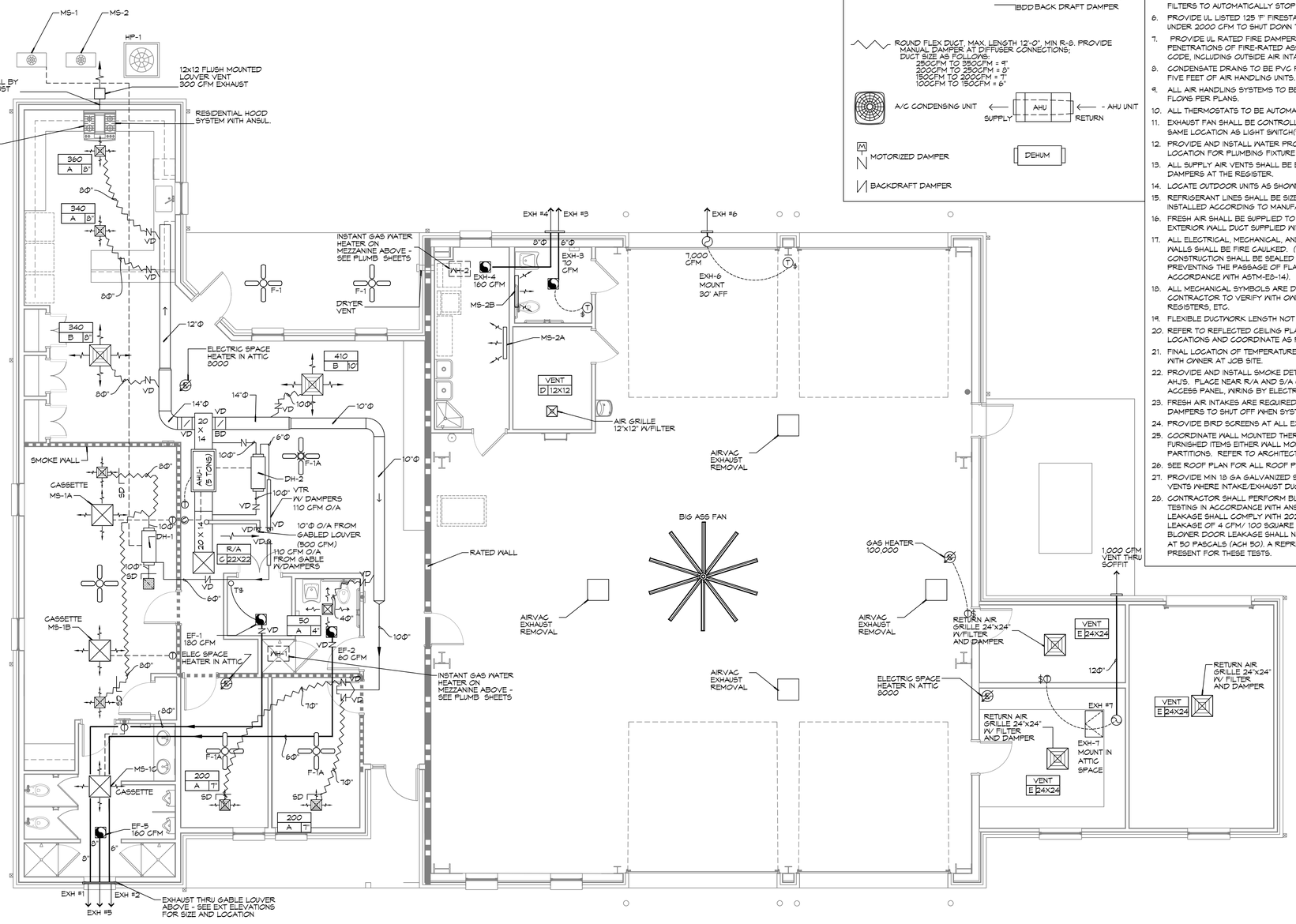
SHEET TITLE:
PLUMBING AND GAS RISER DIAGRAMS

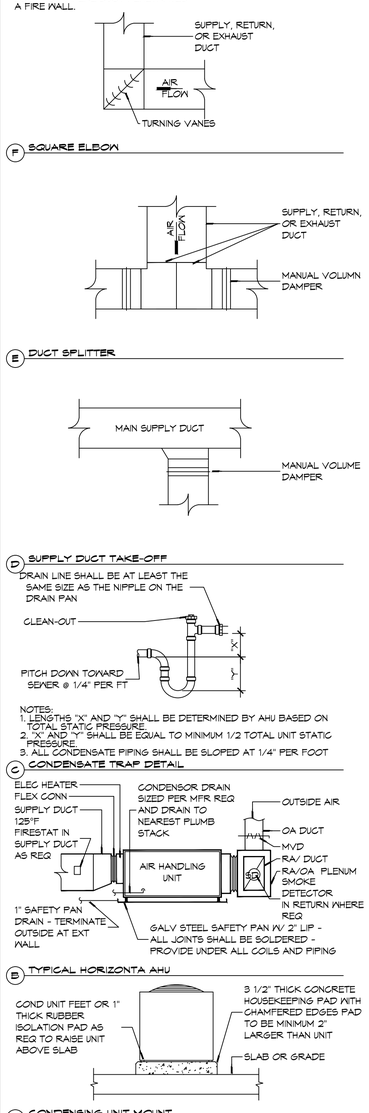
DRAWING NUMBER:
P103

SHEET No: 32 of 37



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

NOTE:
INSTALL FIRE DAMPER AT ANY LOCATION WHERE DUCT PENETRATES A FIRE WALL.



2 DETAILS
SCALE: NTS

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 W/ VOLUME DAMPER AND MOTORIZED OR GRAVITY DAMPER TO SHUT OFF WHEN SYSTEM IS NOT RUNNING
- T THERMOSTAT
- T LINE VOLTAGE THERMOSTAT (PROVIDED BY MC)
- FD FIRE DAMPER
- SD SMOKE DAMPER
- VD SMOKE DAMPER
- SFD SMOKE & FIRE DAMPER
- BDD BACK DRAFT DAMPER
- ROUND FLEX DUCT, MAX. LENGTH 12'-0", MIN R-8. PROVIDE MANUAL DAMPER AT DIFFUSER CONNECTIONS; DUCT SIZE AS FOLLOWS:
  - 250CFM TO 350CFM = 9"
  - 200CFM TO 250CFM = 8"
  - 150CFM TO 200CFM = 7"
  - 100CFM TO 150CFM = 6"
- A/C CONDENSING UNIT
- SUPPLY — AHU — RETURN — AHU UNIT
- M MOTORIZED DAMPER
- DEHUM
- 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-E8-14).
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 AHJS. 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 18 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 IECC STANDARDS WITH A MAXIMUM LEAKAGE OF 4 CFM/ 100 SQUARE FOOT 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.

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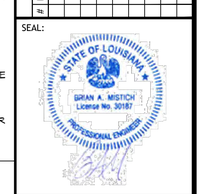
#	DESCRIPTION	DATE
	REVISIONS	

SEAL:



NEW FIRE STATION #10
ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1
2145 LAKESHORE VISTA BLVD
SLIDELL, LA 70461

JOB No:	2919	DATE:	12-03-2025
DRAWN BY:	CKD	CHECKED BY:	BAM

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SHEET TITLE:
HVAC FLOOR PLAN, DETAILS, AND SCHEDULES

DRAWING NUMBER:
M101

SHEET No: 33 of 37

MIN-SPLIT SCHEDULE

AIR HANDLER							HEAT PUMP							
Tag	Make	Model	Cooling (MBH)	Heating (MBH)	Power VAC	Power PH	Tag	Make/Model	Model	Cooling (MBH)	Power VAC	Power PH	MCA	Remarks
MS-1A	Mitsubishi	SLZ-AF09NL	9	11	208	1								
MS-1B	Mitsubishi	SLZ-AF09NL	9	11	208	1	MS-1	Mitsubishi	MXZ-3D24NL	24	208	1	28.7	1, 2
MS-1C	Mitsubishi	SLZ-AF09NL	9	11	208	1								
MS-2A	Mitsubishi	MSZ-GX09NL	9	9.0	208	1								
MS-2B	Mitsubishi	MSZ-GX09NL	9	9.0	208	1	MS-2	Mitsubishi	MXZ-2D20NL	22	208	1	21.7	1, 3

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 TMBH	COOLING SBH	Motor HP	ESP (" WC)	HEAT (Kw)	POWER VAC	POWER PH	POWER MCA	TAG	NOMINAL TONS	MAKE	MODEL	POWER VAC	POWER PH	POWER MCA	REMARKS
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 Airflow (CFM)	Fan TSP (" wc)	Fan Amps	Fan Watts	Power Volts	Power Phase	Power Hz	Make / Model	Remarks
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 damper

EXHAUST REMOVAL SCHEDULE

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

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

DEHUMIDIFIER SCHEDULE

TAG	Make	Model	Blower (CFM)	Vent (CFM)	Moisture Removal (Pints)	Power VAC	Power Ph	Power Amps	Remarks
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.

DIFFUSER SCHEDULE

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 exceer 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 Maximum (MBH)	Natural Gas FT3/Hr.	Power VAC	Power Ph	Power Amps	Remarks
WH-1	Instant, Noncondensing	Rinnai	RE199I	0.13 -9.8	35	199	193	120	1	4	1

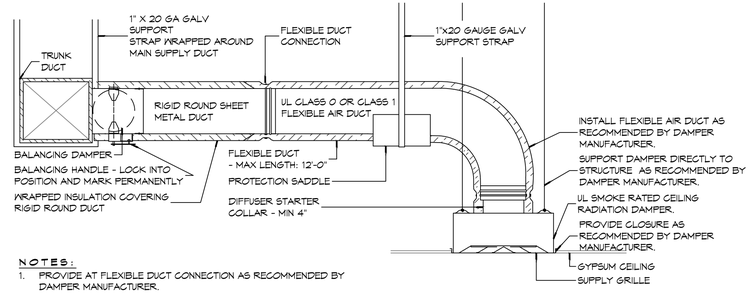
NOTES:

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

2 SCHEDULES
SCALE: NTS

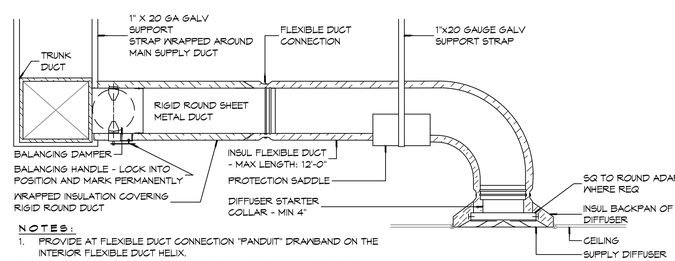
GENERAL HVAC NOTES

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.



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" DRAWBAND 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

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#	DESCRIPTION	DATE
	REVISIONS	

SEAL:

STATE OF LOUISIANA — BRIAN A. MISTICH License No. 30187 — PROFESSIONAL ENGINEER

NEW FIRE STATION #10
ST. TAMMANY FIRE PROTECTION DISTRICT NO. 1
2145 LAKESHORE VISTA BLVD
SLIDELL, LA 70461

JOB No:	2514
DATE:	12-03-2025
DRAWN BY:	CKD
CHECKED BY:	BAM

SHEET TITLE:
HVAC DETAILS AND SCHEDULES

DRAWING NUMBER:
M102

SHEET No: 34 of 37

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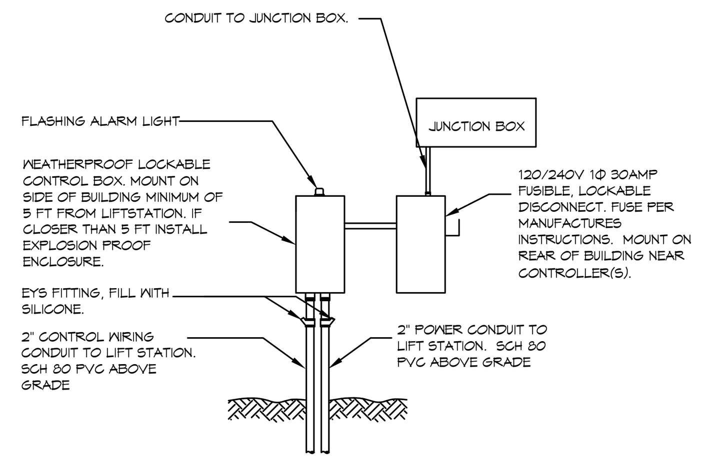
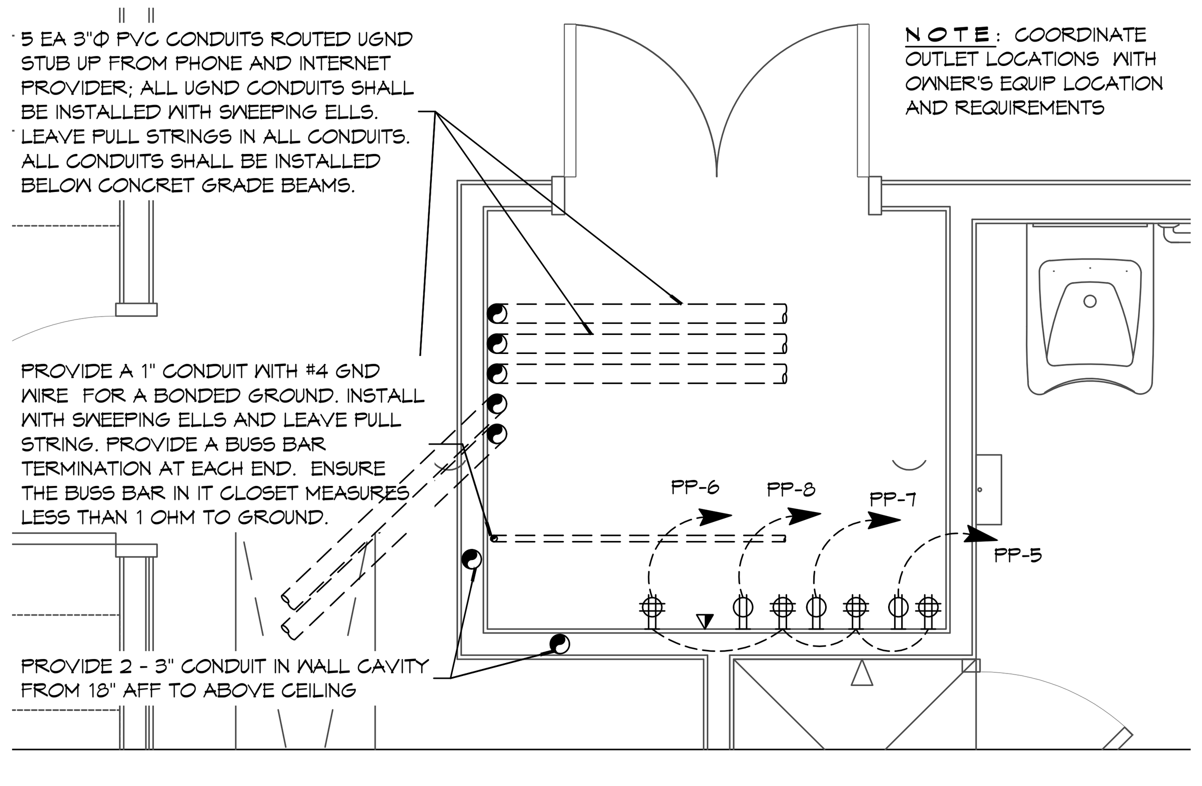
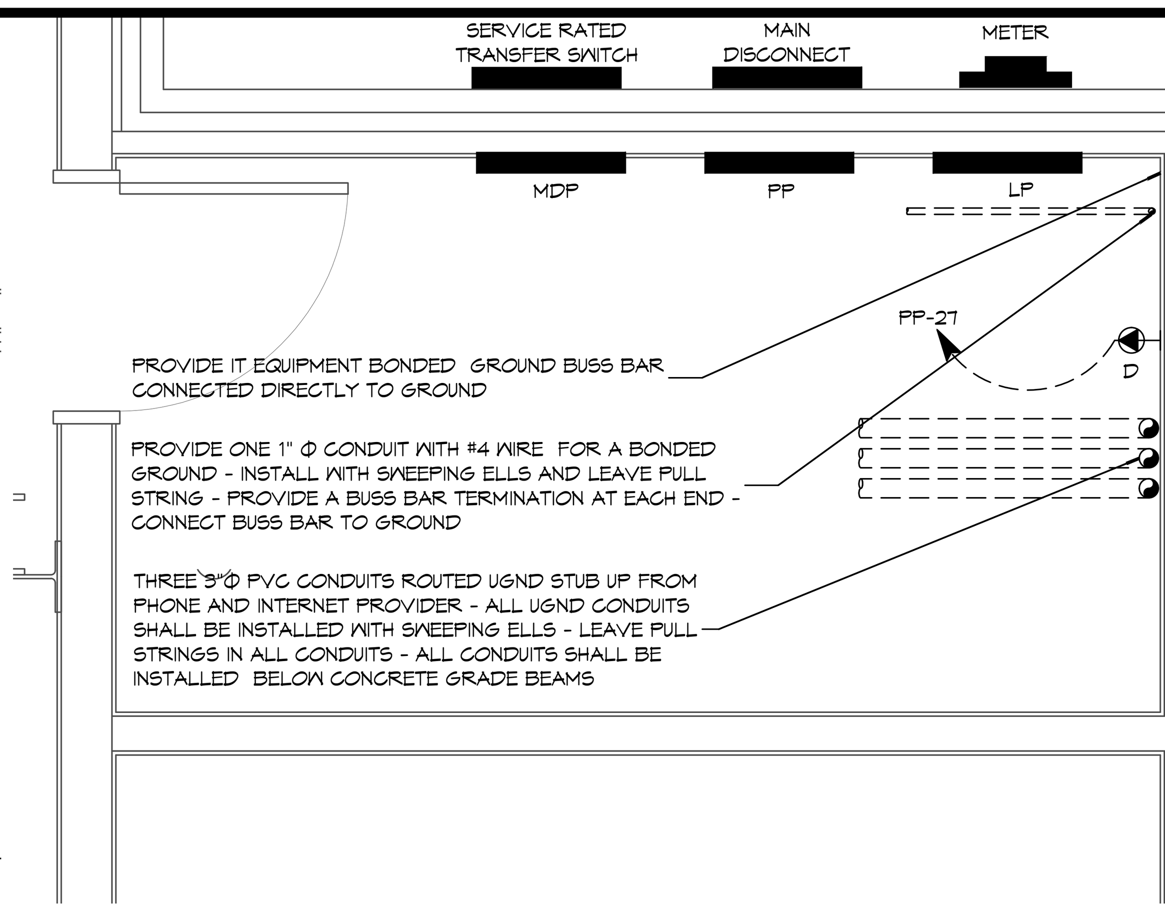
FILE NAME: J:\~ Government\2519 – Fire Station #10\Drawings\Current Drawings\E101-Electrical Power Plan & Notes.dwg PLOT DATE & TIME: Friday, December 5, 2025 8:53:35 AM



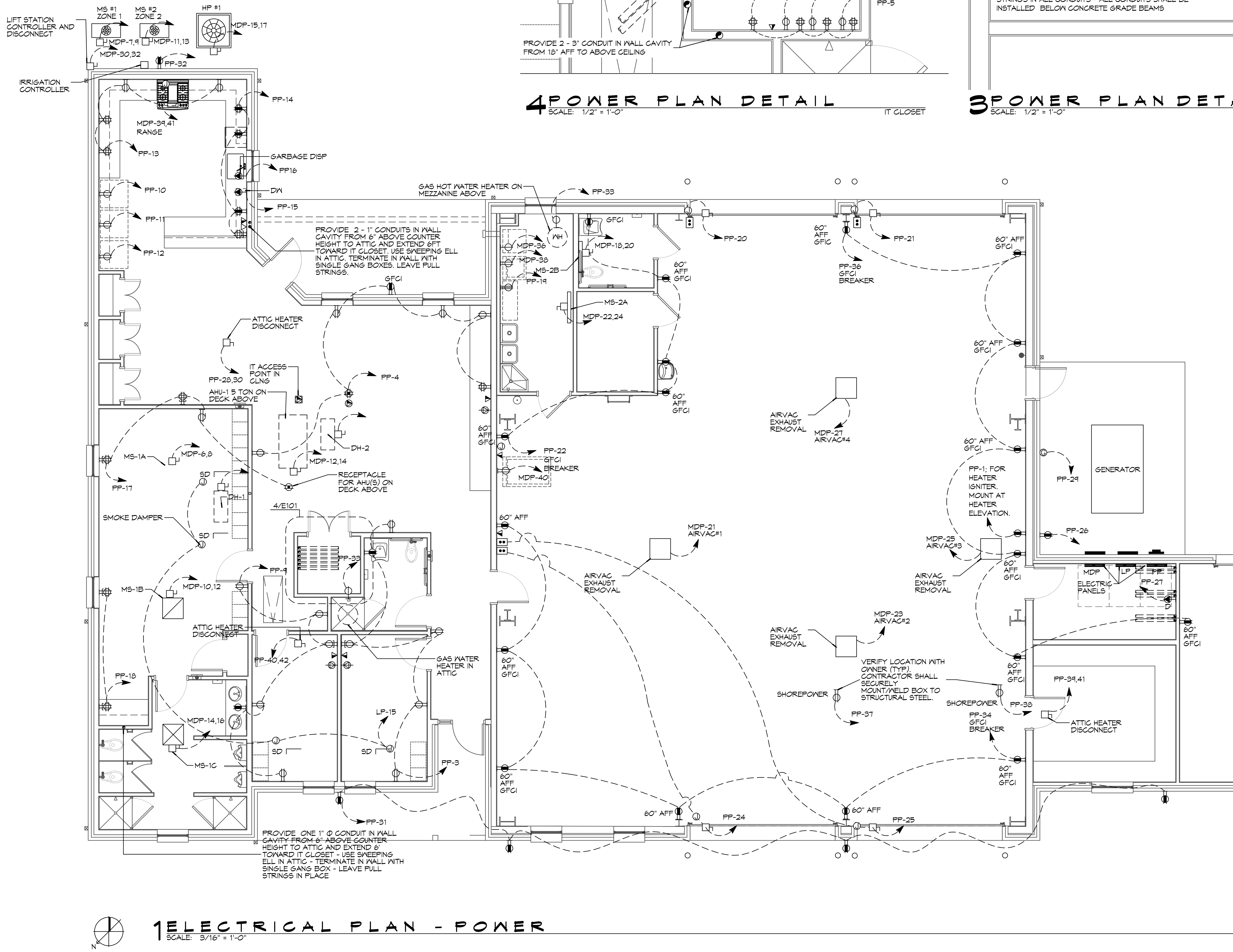
2 DETAIL
SCALE: NTS — LIFT STATION



4 POWER PLAN DETAIL
SCALE: 1/2" = 1'-0" — IT CLOSET



3 POWER PLAN DETAIL
SCALE: 1/2" = 1'-0" — MECHANICAL/ELECTRICAL ROOM



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

GENERAL ELEC POWER NOTES

1. ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE, THE GOVERNING ELECTRICAL CODE AND ALL OTHER INSPECTION DEPARTMENTS HAVING JURISDICTION. OBTAIN CERTIFICATES OR APPROVAL WHERE REQUIRED. ELECTRICAL CONTRACTOR SHALL VERIFY ALL WIRE AND CONDUIT SIZES FOR MECHANICAL EQUIPMENT TO BE INSTALLED.
2. ALL MATERIALS FURNISHED SHALL BE NEW AND SHALL BE U.L. LISTED.
3. THE DRAWINGS INDICATE SIZE AND GENERAL LOCATION OF WORK. SCALE DIMENSIONS SHALL NOT BE USED. THE EXACT LOCATION OF ALL LIGHTING FIXTURES, RECEPTACLES AND TELEPHONE OUTLETS, ETC. SHALL BE DETERMINED BY ACTUAL CONDITIONS IN THE FIELD.
4. PRIOR TO BIDDING, CONTRACTOR SHALL VISIT THE JOB SITE AND FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS.
5. ELECTRICAL CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER TRADES AND WITH OTHER CONTRACTORS WHOSE WORK MAY AFFECT THIS INSTALLATION.
6. ELECTRICAL CONTRACTOR SHALL COORDINATE INCOMING ELECTRICAL SERVICE WITH UTILITY COMPANY AND INCLUDE IN HIS BID ALL CHARGES AND FEES INCURRED IN MODIFICATIONS.
7. ELECTRICAL CONTRACTOR SHALL COORDINATE THE TELEPHONE INSTALLATION WITH THE TELEPHONE COMPANY AND THE GENERAL CONTRACTOR.
8. WHERE MORE THAN ONE SWITCH OCCURS IN THE SAME LOCATION, THEY SHALL BE INSTALLED IN A GANG TYPE BOX UNDER ONE COVER PLATE.
9. ELECTRICAL CONTRACTOR, BEFORE INSTALLING ANY OF THE WORK, SHALL SEE THAT IT DOES NOT INTERFERE WITH CLEARANCES REQUIRED FOR FINISHED COLUMNS, HUNG CEILINGS, PLASTER, PARTITIONS, WALLS, ETC. AS SHOWN IN THE ARCHITECTURAL DRAWINGS AND DETAILS. IF ANY WORK IS INSTALLED AND IT LATER DEVELOPS THAT SUCH DETAILS OR DESIGN CANNOT BE FOLLOWED, THE CONTRACTOR, AT HIS OWN EXPENSE, SHALL MAKE SUCH CHANGES IN THE WORK AS DIRECTED BY THE ARCHITECT, AS WELL AS TO PERMIT THE INSTALLATION OF THE ARCHITECTURAL WORK AS SHOWN ON THE PLANS AND DETAILS.
10. PERFORM TEST REQUIRED BY THE OWNER OR THE ENGINEER IN CONNECTION WITH THE OPERATION OF THE ELECTRICAL SYSTEM IN THE BUILDING. ALL TESTS SHALL BE MADE IN ACCORDANCE WITH THE LATEST STANDARD OF THE IEEE AND THE NATIONAL ELECTRICAL CODE.
11. MINIMUM CONDUCTOR SIZE SHALL BE #12, 600V INSULATION. MINIMUM SIZE CONDUIT SHALL BE 3/4" ELECTRICAL METALLIC TUBING (EMT) FOR INTERIOR USE, AND 3/4" RIGID ALUMINUM FOR EXTERIOR USE. USE NON-METALLIC CABLE (NMC) CABLE COPPER, FOR LIGHTS AND RECEPTACLE CIRCUITS IN WOOD FRAME CONSTRUCTION AREAS ONLY; IN STEEL FRAMING AREAS THE USE OF EMT (MINIMUM) IS REQUIRED; EXTERIOR FITTINGS SHALL BE CAST BOXES AND COVERS. INTERIOR FITTINGS SHALL BE STAMPED BOXES.
12. CONTRACTOR SHALL INSTALL WIRING AND OTHER CIRCUIT COMPONENTS TO MATCH EQUIPMENT ACTUALLY INSTALLED.
13. INSTALL GROUND FAULT RECEPTACLES AT RECEPTACLE LOCATIONS WITHIN 5' OF SINKS OR LAVATORIES, AND AT EXTERIOR LOCATIONS. EXTERIOR RECEPTACLES SHALL ALSO BE WATERPROOF.
14. BONDING AND GROUNDING SHALL BE IN ACCORDANCE WITH NFPA 70:230-63, NFPR 250-23, 250-71 & 250-72.
15. GROUND NEUTRAL IN ACCORDANCE WITH NFPA 70:250-23b.
16. FUSES SHALL BE ITT CLASS K5, 250 VOLT, 200,000 AMP INTERRUPTING CAP.
17. PROVIDE SERVICES OF A FIRE/SMOKE DETECTION AND ALARM COMPANY TO DESIGN AND INSTALL ALARM SYSTEM TO MEET REQUIREMENTS OF THE STATE FIRE MARSHALL AND THE FIRE DISTRICT.
18. EXTERIOR LIGHTING SHALL BE SHADED OR INWARDLY DIRECTED IN SUCH A MANNER SO THAT NO DIRECT LIGHTING OR GLARE IS CAST BEYOND THE PROPERTY LINE. THE INTENSITY OF SUCH LIGHTING SHALL NOT EXCEED ONE FOOT CANDLE AS MEASURED AT THE ABUTTING PROPERTY LINE.
19. ALL ELECTRICAL, MECHANICAL AND PLUMBING PENETRATING FIRE PARTITIONS SHALL BE FIRE CAULKED. (PENETRATIONS THROUGH RATED CONSTRUCTION SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM-E814.)
20. VERIFY ELECTRICAL CONNECTIONS PER MANUFACTURER'S RECOMMENDATIONS.
21. ALL RECEPTACLES AND SWITCHES ARE TO HAVE WEATHER PROOF COVERS IN APPARATUS BAY. 50% OF ALL EXTERIOR WEATHER PROOF COVERS SHALL BE IN-USE COVERS.

LEGEND

SYMB	DESCRIPTION
	STANDARD 120V DUPLEX RECEPTACLE, NEMA 5-2 OR 18" AFF (UNLESS OTHERWISE NOTED)
	SINGLE-POLE DEDICATED RECEPTACLE - REFER TO PANEL SCHEDULE FOR CIRCUIT SIZE
	GFCI DUPLEX RECEPTACLE
	GFCI QUAD RECEPTACLE
	220V ELECTRIC DRYER RECEPTACLE - MOUNTED AT 30" AFF
	220V DEDICATED GFCI RECEPTACLE
	WEATHER-PROOF GFCI DUPLEX RECEPTACLE MOUNTED AT 30" AFF (UNLESS OTHERWISE NOTED)
	STANDARD 120V DUPLEX RECEPTACLE - FLOOR MOUNTED
	STANDARD QUAD RECEPTACLE - WALL-MOUNTED
	STANDARD QUAD RECEPTACLE - FLOOR MOUNTED
	125V 15 AMP DUPLEX-USB 5VDC 3 AMP HUBBELL USB CHARGER RECEPTACLE
	125V 15 AMP QUADPLEX-USB 5VDC 3 AMP HUBBELL USB CHARGER RECEPTACLE
J	JUNCTION BOX
G	GENERATOR BATTERY CHARGER GFI OUTLET
	2-BUTTON PUSH BUTTON STATION
	COAX-CABLE CONNECTION FOR TELEVISION
	WALL MOUNTED DATA OUTLET
	FLOOR DATA OUTLET
	POWER DISCONNECT
	GAS WATER HEATER ON DECK OR MEZZANINE ABOVE - SIZE AS NOTED ON PLAN
	AIR CONDITIONING AIR HANDLING UNIT ON DECK OR MEZZANINE ABOVE, SEE MECHANICAL DRAWINGS
	AIR CONDITIONING CONDENSER UNIT ON CONCRETE PAD, SEE MECHANICAL DRAWINGS

NOTES:

1. CONNECT ALL EMERGENCY/EXIT LIGHT FIXTURES TO NEAREST CONSTANT POWER SOURCE.
2. THE #2 NEXT TO A RECEPTACLE OR DATA OUTLET DESIGNATES THAT THERE ARE TO BE TWO OUTLETS AT THAT LOCATION...ONE OVER THE OTHER (ONE HIGH & ONE LOW ON WALL) EXAMPLE: [symbol] OR [symbol]
3. REFER TO INTERIOR ELEVATIONS FOR MOUNTING HEIGHT AND ORIENTATION OF OUTLETS MOUNTED ABOVE COUNTERTOPS.

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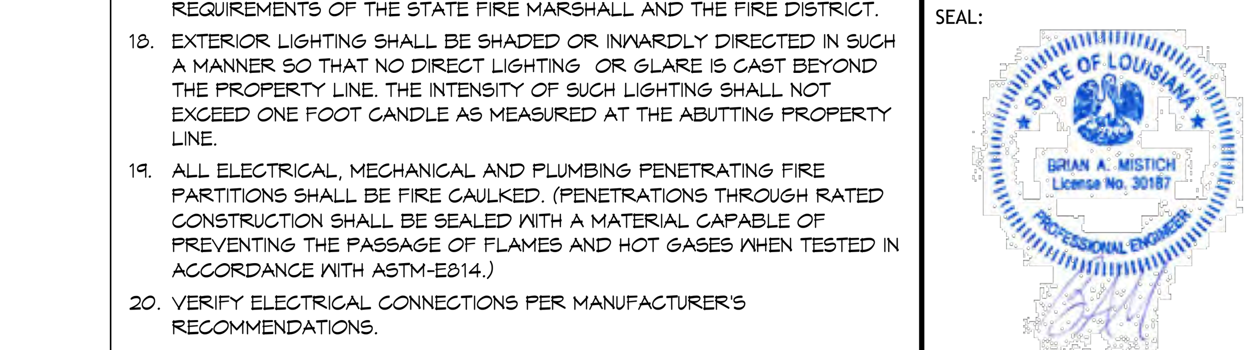
#	DESCRIPTION	DATE
REVISIONS		

SEAL:



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

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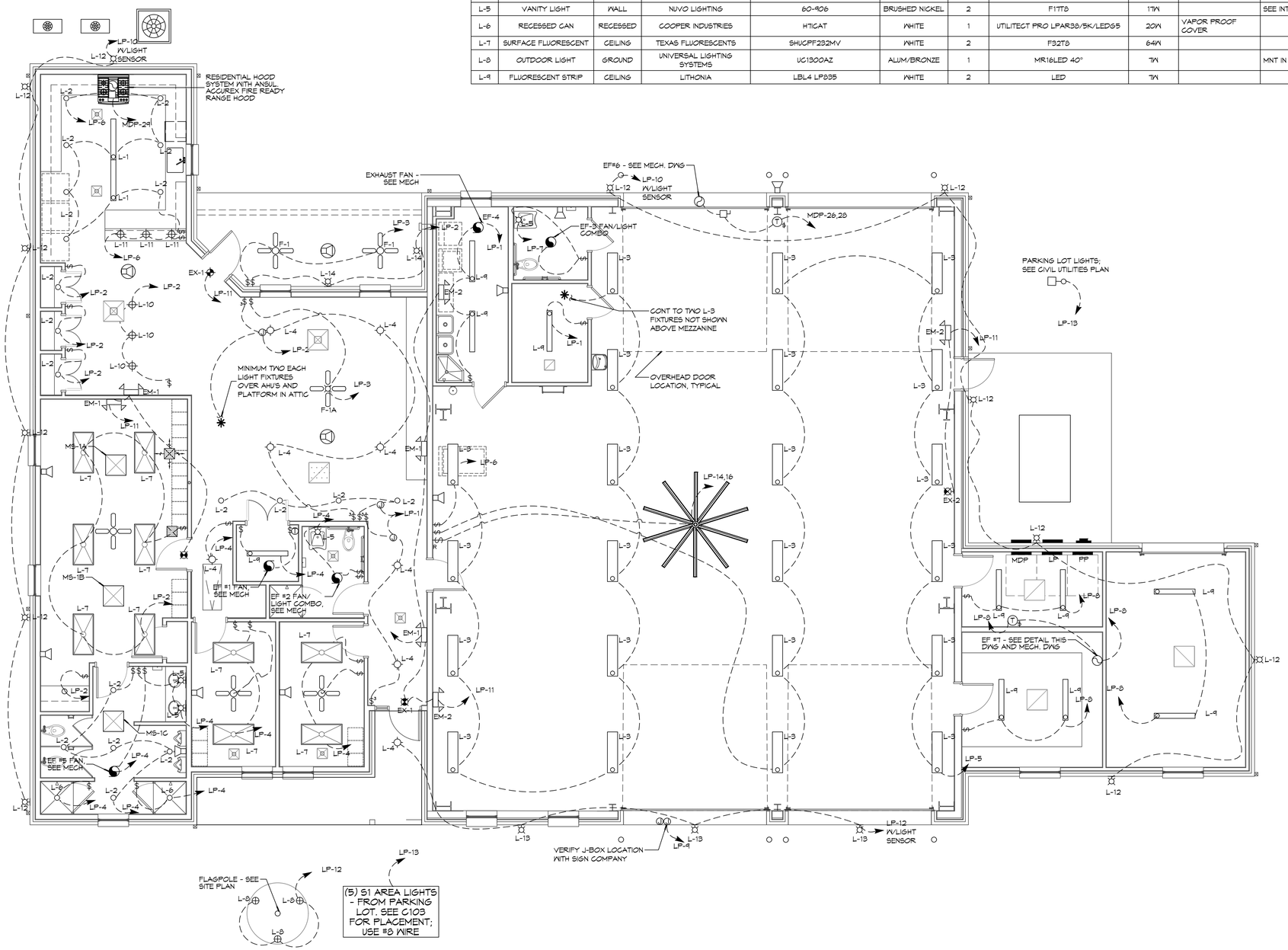
SHEET TITLE:
POWER PLAN

DRAWING NUMBER:
E101

LUMINAIR SCHEDULE

ID	DESCRIPTION	MOUNTING	MFR	PART #	FINISH	LAMPS #	LAMP TYPE	WATTAGE	FIXTURE NOTES	INSTALLATION NOTES
EM-1	EMERGENCY LIGHT	WALL	PHILIPS	F1WG	WHITE	2	35W MR16	2.5W		
EM-2	EMERGENCY LIGHT	WALL	BARRON	LL60	BLACK	2	HIT	10.8W		
EX-1	EXIT LIGHT	CEILING	PHILIPS	45VL1RGALW	WHITE	1	LED	2.5W		
EX-2	EXIT LIGHT	WALL	PHILIPS	CXL3GW	WHITE	1	LED	3.7W		
F-1	CEILING FAN	CEILING	MODERN FAN COMPANY	IND-GV52SVNLNG	GALV	0	N/A	85W		
F-1A	CEILING FAN W/ LIGHT	CEILING	MODERN FAN COMPANY	IND-GV52SV45LNG	GALV	1	75W G9 HALOGEN	160W		
L-1	LINEAR FLUORESCENT	SURFACE	LITHONIA LIGHTING	AVSM 2 54T5HO SBL DLS MVOLT	WHITE	2	T5	54W		
L-10	PENDANT	RECESSED	COOPER INDUSTRIES	P961-077	CHROME	1	60W T10 MED BASE	60W	CLEAR BULB	
L-11	PENDANT	RECESSED	COOPER INDUSTRIES	P960-077	CHROME	1	60W T10 MED BASE	60W	CLEAR BULB	
L-12	WALL SCONCE	WALL	PHILIPS	106L-2-35LA-NW-UNIV-BRP	PAINTED		LED			SEE EXT ELEV FOR MOUNTING HT
L-13	WALL SCONCE	WALL	PHILIPS	RIN-100-N-G-C-1-RBGNH	COLOR TBD	1	LED	100	SIZE 2	SEE EXT ELEV FOR MOUNTING HT
L-14	VAPORPROOF FIXTURE	WALL	TEXAS FLUORESCENTS	VPWINGSL	METAL	1	A19 75W SOFT WHITE	75W		
L-2	RECESSED CAN	RECESSED	COOPER INDUSTRIES	H7CAT	WHITE	1	UTILITECT PRO LPAR38/5K/LEDG5	20W	WHITE BAFFLE AND TRIM	
L-3	HIGH BAY LIGHT	PENDANT	TEXAS FLUORESCENTS	HBG432M23MV	-	4	48" T8	25W		
L-4	VAPORPROOF FIXTURE	CEILING	TEXAS FLUORESCENTS	VPGINGSL	METAL	1	A19 75W SOFT WHITE	75W		
L-5	VANITY LIGHT	WALL	NUVO LIGHTING	60-906	BRUSHED NICKEL	2	F17T8	17W		SEE INT ELEV
L-6	RECESSED CAN	RECESSED	COOPER INDUSTRIES	H7CAT	WHITE	1	UTILITECT PRO LPAR38/5K/LEDG5	20W	VAPOR PROOF COVER	
L-7	SURFACE FLUORESCENT	CEILING	TEXAS FLUORESCENTS	SHUCPF232MV	WHITE	2	F32T8	64W		
L-8	OUTDOOR LIGHT	GROUND	UNIVERSAL LIGHTING SYSTEMS	UC1300AZ	ALUM/BRONZE	1	MR16LED 40°	7W		MNT IN CONC
L-9	FLUORESCENT STRIP	CEILING	LITHONIA	LBL4 LP835	WHITE	2	LED	7W		



1 ELECTRICAL PLAN - LIGHTING

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

GENERAL LIGHTING NOTES

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

LEGEND

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

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 1Φ 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, 1Φ, 3W SERVICE)

TOTAL BUILDING SQ FT: 6526 SF

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

INDIVUDUAL UNIT DESIGNATION: N/A (MULT OCCUPANCY)

LOAD SOURCE	1Φ-kVA	3Φ-kVA	OR	1Φ-kW	3Φ-kW
BUILDING LIGHTING	9.0	-			
ELECTRIC WATER HEATING	18.0	-			
HEAT PUMPS	-	-			
SUPPLEMENTAL HEAT SYSTEMS	-	-			
AIR COND CONDENSING UNITS	17.6	-			
ELEC HEATING (PRIMARY) - AHU's	27.8	-			
COOKING	12.2	-			
REFRIGERATION	3.3	-			
RECEPTACLES (STANDARD)	20.7	-			
RECEPTACLES (COMPUTER)	2.0	-			
TOTAL MOTORS (EXCLUDE HVAC)	12.2	-			
EXTERIOR LIGHTING	29.0	-			
MISCELLANEOUS - CEILING FANS	0.2	-			
OTHER (SPECIFY)	4.5	-			

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#	DESCRIPTION	DATE
1	ADDENDUM 1	5-XX-2015

REVISIONS

SEAL: STATE OF LOUISIANA — BRIAN A. MISTICH, License No. 30187 — PROFESSIONAL ENGINEER

NEW FIRE STATION #10
ST. TAMMANY FIRE PROTECTION DISTRICT No. 1
2145 LAKESHORE VISTA BLVD
SLIDELL, LA 70461

JOB No: 2514 | DATE: 12-03-2025
DRAWN BY: CSD | CHECKED BY: BAM

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SHEET TITLE: ELECTRICAL PLAN - LIGHTING AND LOAD SUMMARY

DRAWING NUMBER: E102

SHEET No: 36 of 37

PANEL: MDP
LOCATION: ELECTRICAL CLOSET
FEEDER SOURCE: CLECO

VOLTAGE: 120/240V, 400 AMP, 1Φ, 3W
ENCLOSURE: SURFACE MOUNTED, NEMA 1 PANELBOARD
W/EQUIPMENT GND BAR, MLO, 22000 AIC

CKT. NO.	THHN. WIRE SIZE	LOAD DESCRIPTION / LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA) AΦ/BΦ	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION / LOCATION	THHN. WIRE SIZE	CKT. NO.
1	4/0	SUB-PANEL "PP" 200 AMPS	200	2	18,410	9,776	2	200	SUB-PANEL "LP" 200 AMPS	4/0	2
3					17,270	8,030					4
5	#6	MS-#1 ** 2 TON	50	2	3,444	104	2	15	MS-1A ** 3/4 TON	#12	6
7					3,444	104					8
9	#8	MS-#2 ** 1.6 TON	40	2	2,257	104	2	15	MS-1B ** 3/4 TON	#12	10
11					2,257	104					12
13	#6	HP-#1 ** 5 TON	50	2	3,120	104	2	15	MS-1C ** 3/4 TON	#12	14
15					3,120	104					16
17		AHU # 1 ** 5 TON, 7.5 KW HEAT	45	2	3,536	104	2	15	MS-2A ** 1.6 TON	- #12	18
19					3,536	104				-	20
21	#12	AIRVAC EXHAUST REMOVAL #1	20	1	1,587	104	2	15	MS-2B ** 1.6 TON	#12	22
23	#12	AIRVAC EXHAUST REMOVAL #2	20	1	1,587	104					24
25	#12	AIRVAC EXHAUST REMOVAL #3	20	1	1,587	828	2	15	EXHAUST FAN #7 MAINTENANCE BAY ¾ HP MOTOR	#8	26
27	#12	AIRVAC EXHAUST REMOVAL #4	20	1	1,587	828					28
29	#12	ACCUREX FIRE READY RANGE HOOD	20	1	1,500	2,760	2	30	SANITARY SEWER LIFT STATION **	#10	30
31		SPARE	20	1	805	2,760					32
33		SPARE	20	1	180	-	1	20	SPARE		34
35	-	SPACE	-	1	-	1,150	1	15	LAUNDRY GAS DRYER LOCATED IN UTILITY ROOM 118	#12	36
37	-	SPACE	-	1	-	1,000	1	20	WASHING MACHINE UTILITY ROOM 118	#12	38
39	#6	JUNCTION BOX FOR RANGE LOCATED IN KITCHEN 108	50	2	4,800	1,000	1	20	GEAR WASHING MACHINE APPARATUS BAY	#12	40
41					4,800	-	1	-	SPACE	-	42

SOLID NEUTRAL / NEUTRAL WIRE (W) — TOTAL CONNECTED LOAD (VA) = 97,143 — AΦ = 49,877 — BΦ = 47,266 — GROUND BUS / GROUND WIRE (G)

NOTE: ** - INSTALL BREAKER TO MATCH UNIT THAT IS INSTALLED BY MECHANICAL CONTRACTOR.

PANEL: PP
LOCATION: ELECTRICAL CLOSET
FEEDER SOURCE: MDP PANEL

VOLTAGE: 120/240V, 200 AMP, 1Φ, 3W
ENCLOSURE: SURFACE MOUNTED, NEMA 1 PANELBOARD
W/EQUIPMENT GND BAR, MLO, 22000 AIC

CKT. NO.	THHN. WIRE SIZE	LOAD DESCRIPTION / LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA) AΦ/BΦ	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION / LOCATION	THHN. WIRE SIZE	CKT. NO.
1	#12	IGNITER FOR AEROTHERMES GAS HEATER LOCATED IN CORNER OF APPARATUS BAY	20	1	560	-	1	20	SPARE	#12	2
3	#12	ENTRY 101, DAYROOM 102, CAPTAIN 103, & WOMENS TOILET 104 RECEPTACLES	20	1	1440	1260	1	20	RECEPTACLES FOR DAYROOM 102 & WP GFIC,	#12	4
5	#12	I.T. ROOM 105 DEDICATED RECEPTACLE	20	1	180	1440	1	20	I.T. ROOM 105 QUAD RECEPTACLES	#12	6
7	#12	I.T. ROOM 105 DEDICATED RECEPTACLE	20	1	180	180	1	20	I.T. ROOM 105 DEDICATED RECEPTACLE	#12	8
9	#12	ANTE ROOM 106, CAPTAIN 107, BUNKROOM 113, & MENS TOILET 114 RECEPTACLES	20	1	1260	1100	1	20	KITCHEN 108 DEDICATED REFRIGERATOR RECEPTACLE	#12	10
11	#12	KITCHEN 108 DEDICATED REFRIGERATOR RECEPTACLE	20	1	1100	1100	1	20	KITCHEN 108 DEDICATED REFRIGERATOR RECEPTACLE	#12	12
13	#12	KITCHEN 108 COUNTER-HT. RECEPTACLES	20	1	1080	1440	1	20	KITCHEN 108 COUNTER-HT., & USB QUAD RECEPTACLES	#12	14
15	#12	KITCHEN 108 DEDICATED RECEPTACLE FOR DISHWASHER	20	1	1440	760	1	20	KITCHEN 108 DEDICATED RECEPTACLE FOR GARBAGE DISPOSAL	#12	16
17	#12	DINING ROOM 109 & BUNKROOM 113 USB QUAD WALL RECEPTACLES & AHU PLATFORM	20	1	1440	1260	1	20	BUNKROOM 113 USB QUAD & COUNTER RECEPTACLES	#12	18
19	#12	ICE MACHINE LOCATED IN UTILITY ROOM 118	20	1	1200	900	1	20	JUNCTION BOX (& 2-WAY SWITCH) FOR ROLLUP DOOR IN APPARATUS BAY 117	#12	20
21	#12	JUNCTION BOX (& 2-WAY SWITCH) FOR ROLLUP DOOR IN APPARATUS BAY 117	20	1	900	1080	1	20 GFCI	RECEPTACLES FOR APPARATUS BAY 117, REST-ROOM 119, AHU, & MAINTENANCE BAY 121	#12	22
23	-	SPARE	20	1	-	900	1	20	JUNCTION BOX (& 2-WAY SWITCH) FOR ROLLUP DOOR IN MAINTENANCE BAY 121	#12	24
25	#12	JUNCTION BOX (& 2-WAY SWITCH) FOR ROLLUP DOOR IN MAINTENANCE BAY 121	20	1	900	180	1	20	DEDICATED WEATHER-PROOF RECEPTACLE FOR GENERATOR (BLOCK HEATER)	#12	26
27	#12	DEDICATED RECEPTACLE IN MECH/ELEC ROOM 123	20	1	180	1250	2	20	ELECTRIC SPACE HEATER LOCATED IN ATTIC	#12	28
29	#12	GENERATOR BATTERY CHARGER	20	1	340	1250					30
31	#12	EXTERIOR WEATHER PROOF GFIC RECEPTACLES FOR LIGHTS	20	1	900	900	1	20	EXTERIOR WEATHER PROOF GFIC RECEPTACLES FOR LIGHTS AND HVAC UNITS	#12	32
33	#12	GAS HOT WATER HEATER IGNITOR(S)	20	1	1800	1080	1	20 GFCI	RECEPTACLES FOR APPARATUS BAY 117	#12	34
35	-	SPARE	20	1	-	1080	1	20 GFCI	RECEPTACLES FOR APPARATUS BAY 117, & MAINTENANCE BAY 121	#12	36
37	#12	KUSSMAUL AUTO-EJECT SYSTEM	20	1	1200	1200	1	20	KUSSMAUL AUTO-EJECT SYSTEM	#12	38
39	#12	ELECTRIC SPACE HEATER LOCATED IN ATTIC	20	2	1250	1250	2	20	ELECTRIC SPACE HEATER LOCATED IN ATTIC	#12	40
41					1250	1250					42

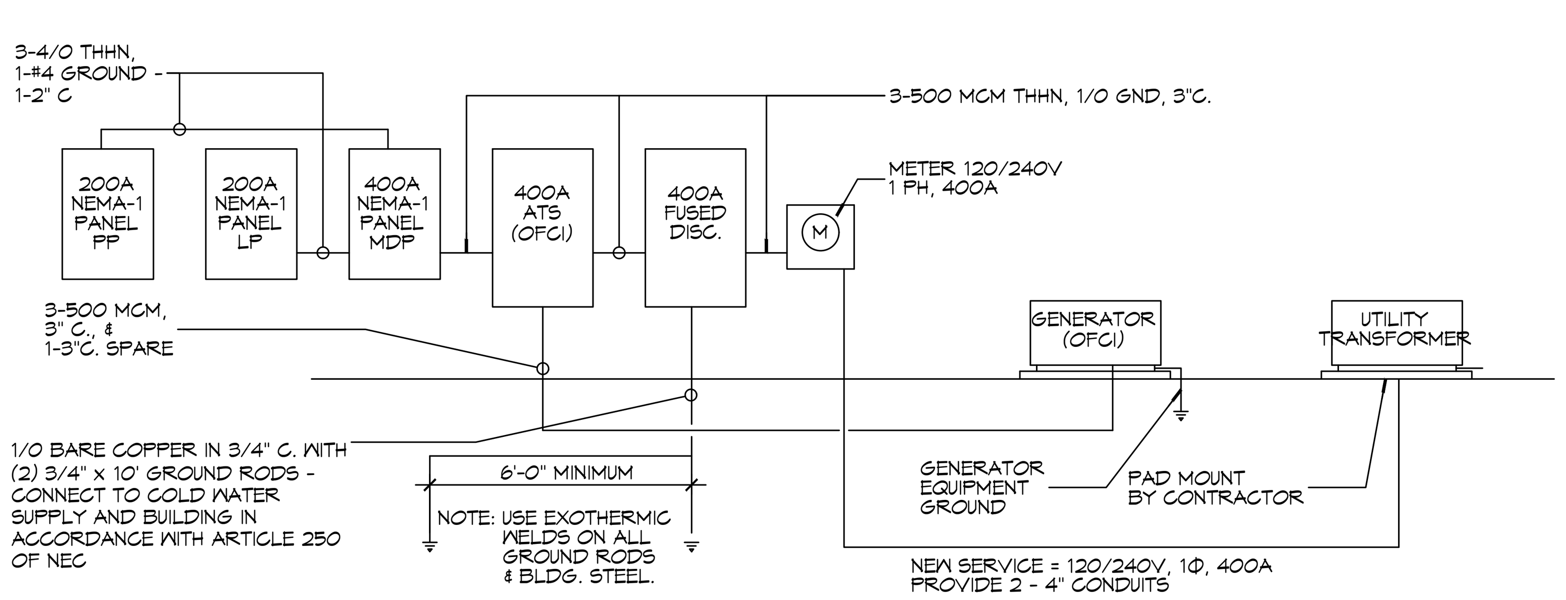
SOLID NEUTRAL / NEUTRAL WIRE (W) — TOTAL CONNECTED LOAD (VA) = 35,680 — AΦ = 18,410 — BΦ = 17,270 — GROUND BUS / GROUND WIRE (G)

PANEL: LP
LOCATION: ELECTRICAL CLOSET
FEEDER SOURCE: MDP PANEL

VOLTAGE: 120/240V, 200 AMP, 1Φ, 3W
ENCLOSURE: SURFACE MOUNTED, NEMA 1 PANELBOARD
W/EQUIPMENT GND BAR, MLO, 22000 AIC

CKT. NO.	THHN. WIRE SIZE	LOAD DESCRIPTION / LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA) AΦ/BΦ	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION / LOCATION	THHN. WIRE SIZE	CKT. NO.
1	#12	LIGHTS IN ENTRY 101 & DAYRM 102, UTILITY RM 118, STORAGE RM 120	20	1	476	1386	1	20	LIGHTS IN DAYRM 102, DINING RM 109, ATTIC FOR AHU'S, PANTRIES 110, 111, 112& BUNK 113	#12	2
3	#12	CEILING FANS IN DAYROOM 102 AND ON EXTERIOR REAR PATIO	20	1	855	1087	1	20	LIGHTS IN CAPT RM 103, MEN & WOMEN TOILET, ANTE ROOM 106, & CAPT ROOM 107 & IT CLOSET	#12	4
5	#12	LIGHTS IN APPARATUS BAY 117	20	1	1752	1752	1	20	LIGHTS IN KITCHEN	#12	6
7	#12	RESTRM 119 LIGHTS, FAN AND HEATER	20	1	1750	732	1	20	LIGHTS GEAR RM 122, MECH RM 123, & STORAGE 2 RM 124	#12	8
9	#12	DOUBLE JUNCTION BOXES FOR SIGNS ON BLDG. ABOVE APPARATUS BAY DOORS	20	1	1800	1,200	1	20	WEST AND SOUTH EXTERIOR WALL-PACK LED LIGHTS, PROVIDE PHOTOCELL	#12	10
11	#12	EXIT AND EMERGENCY LIGHTS	20	1	320	526	1	20	FRNT EXTERIOR WALL-MOUNTED LIGHTS, FRNT PORCH/ALCOVE LIGHT & FLAGPOLE LIGHTS, PROVIDE PHOTOCELL	#12	12
13	#8	EXTERIOR PARKING LIGHTS	20	1	450	960	1	15	BIG ASS FAN IN APPARATUS BAY, RM 117	#12	14
15	#12	HVAC SMOKE DAMPERS	20	1	1800	960					16
17	#12	SPARE	20	1	-	-	1	20	SPARE	#12	18
19	#12	SPARE	20	1	-	-	1	20	SPARE	#12	20
21	#12	SPARE	20	1		-	1	20	SPARE	#12	22
23	#12	SPARE	20	1	-	-	1	20	SPARE	#12	24

SOLID NEUTRAL / NEUTRAL WIRE (W) — TOTAL CONNECTED LOAD (VA) = 17,806 — AΦ = 9,776 — BΦ = 8,030 — GROUND BUS / GROUND WIRE (G)



1 ONE-LINE DIAGRAM
SCALE: NTS

CLECO Power Company Electrical Load Summary

Project Name: FIRESTATION #10
Project Address: LAKESHORE VISTA BLVD
City / Town: SLIDELL, LOUISIANA

Intended Use: Firestation
Requested Service: 120/240 Volts 1Φ Phase 3 Wires
Service Entrance Size: 400 Amps
HVAC Tonnage: 9 Tons
Largest Motor: N/A HP
Total Building Square Footage: 6,526 Square Feet
Living Unit Square Footage: 2,624 Square Feet
Storage Square Footage: 3,902 Square Feet

LOAD SOURCE	1Φ-kva	3Φ-kva
Building Lighting	14.0	-
Electric Water Heating	-	-
Heat Pumps	17.6	-
Supplemental Heat System	7.5	-
Air Conditioning Condensing Units	-	-
Electrical Heating (Primary) - AHUs	7.1	-
Cooking	9.6	-
Refrigeration	3.3	-
Receptacles (Standard)	20.7	-
Receptacles (Computer)	2.0	-
Total Motors (Exclude HVAC)	9.7	-
Exterior Lighting	0.7	-
Miscellaneous - Ceiling Fans	2.2	-
Other (OVERHEAD ROLL-UP DOORS)	3.6	-

GENERAL PANEL NOTES

1. ELECTRICAL CONTRACTOR SHALL VISIT SITE AND FAMILIARIZE HIMSELF WITH EXISTING CONDITIONS, PRIOR TO SUBMISSION OF BID. ANY DISCREPANCIES BETWEEN PLANS AND ACTUAL CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND BE INCLUDED IN FINAL BID.
2. COORDINATE ELECTRICAL WORK WITH THE WORK OF OTHER TRADES.
3. INSTALL "LOCK-DOGS" ON CIRCUIT BREAKERS FOR EMERGENCY LIGHTS AND EXIT LIGHTS TO PREVENT ACCIDENTAL TURNING OF LIGHTS.
4. SEE ARCHITECTURAL SHEETS FOR LOCATION OF FIRE RATED CONSTRUCTION. PROVIDE FIRE RATED PENETRATIONS THROUGH FIRE RATED CONSTRUCTION. ALL PENETRATION SYSTEMS SHALL BE UL LISTED.
5. WALL MOUNTED THERMOSTAT, TEMPERATURE SENSOR,, ETC. ARE SHOWN ON THE MECHANICAL DRAWINGS. REFER TO THOSE DRAWINGS FOR LOCATIONS.
6. PROVIDE UL LISTED FIRE STOPPING FOR THE INTERIOR OF ALL CABLE TRAYS, SLEEVES, AND CONDUITS PENETRATING FIRE RATED CONSTRUCTION AFTER WIRE HAS BEEN INSTALLED IN SUCH CONSTRUCTION.
7. CONDUIT ROUTING: ALL CONDUITS SHALL BE ROUTED IN WALLS AND CEILING SPACE EXCEPT TO SERVE FLOOR BOXES.
8. METER LOCATION: THE HEIGHT OF THE METER SHALL BE BETWEEN 48" AND 66" AFF.
9. WORKING SPACE: PROVIDE A CLEAR WORKING SPACE IN FRONT OF THE PANEL NOT LESS THAN 30 INCHES WIDE AND 36 INCHES DEEP WITH A MINIMUM HEADROOM CLEARANCE OF 6'-6".

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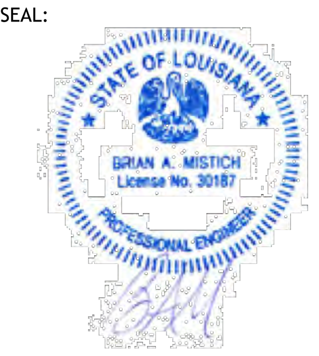
REVISIONS
#	DESCRIPTION	DATE

SEAL:


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

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SHEET TITLE:
ELECTRICAL CIRCUIT PANELS AND ONE-LINE DIAGRAMS

DRAWING NUMBER:
E103