LIFE-SAFETY INFORMATION

APPLICABLE CODES		
NFPA 101 LIFE-SAFETY CODE 2015		
OCCUPANCY TYPE(S) AND CHAPTER(S)		
BUSINESS (CHAPTER 38)		
MULTIPLE, MIXED, OR SEPARATE OCCUPANCY		(REFERENCE CHAPTER 6)
N/A		
OCCUPANT LOAD FACTOR		(REFERENCE TABLE 7.3.1.2)
MERCANTILE 1841 SF/	30 SQ. FT. GROSS	61 OCCUPANTS
ASSEMBLY A-2 2277 SF/	15 NET SF PER OCCUPANT =	152 OCCUPANTS
CLASSIFICATION OF HAZARD OF CONTENTS		
(REFERENCE: OCCUPANCY CHAPTER AND 6.2.2.2; SPECIFY LOW, ORDINARY, OR HIGH)		
CONSTRUCTION TYPE(S)	(REFERENCE: CHAPTER 8, TABLE A.8.2.1.2 AND COMMENTARY TABLE 8.1 IN HANDBOOK)	
III B		
MINIMUM EXIT SEPARATION DISTANCE FOR REMOTELY LOCATED EXITS		
(REFERENCE: SECTION 7.5; SPECIFY 1/2 OR 1/3 DIAGONAL DISTANCE OF AREA SERVED)		
1/2 DIAGONAL =	43'-8"	
MAXIMUM DEAD-END CORRIDORS	(REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)	
50'		
MAXIMUM COMMON PATH OF TRAVEL DISTANCE	(REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)	
50'		
MAXIMUM TRAVEL DISTANCE TO EXITS	(REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6)	
200'		

DETECTION, ALARM, AND COMMUNICATION SYSTEMS	NONE REQUIRED, NO SPRINKLER
ALLOWABLE HEIGHT AND BUILDING AREA	PER IBC EQUIVALENT CONSTRUCTION TYPE

BUILDING CODE INFORMATION

APPLICABLE CODES			
IBC 2021			
MERCANTILE / ASSEMBLY 2		(IBC 2021 CHAPTER 3)	
OCCUPANT LOAD CALCULATIONS		(TABLE 1004.1.1)	
MERCANTILE	1,841 SQ FT	30 SF PER OCCUPANT (GROSS)	61 OCCUPANTS
ASSEMBLY A-2	2,277 SQ FT	15 NE SF PER OCCUPANT (NET)	152 OCCUPANTS
CONSTRUCTION TYPE(S)		(TABLE 504)	
III B (SECTION 504)			
ALOWABLE HEIGHT AND BUILDING AREA LIMITED BY TYPE OF CONSTRUCTION			
MAXIMUM HEIGHT IN STORIES (SECTION 504.4)			2
MAXIMUM AREA IN SQUARE FEET (SECTION 503, 506 & 507, TABLE 503)			12,500

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 (1), (2), OR (3) DEPENDING ON THE RISK CATEGORY			
WIND SPEED Vult (3 SECOND GUST) =		140 MPH (IBC FIG 1609.3(1))	
NOMINAL DESIGN WIND SPEED Vasd =		110 MPH (Vult x $(0.6)^{\frac{1}{2}}$)	
RISK CATEGORY:	CATEGORY II BLDG	SURFACE ROUGHNESS =	B
TOPOGRAPHIC FACTOR =	1	EXPOSURE =	B
DESIGN WIND PRESSURE (ASCE 7-10 TABLE 28.6-1):		37.7 PSF	
INTERNAL PRESSURE COEFFICIENT (ASCE 7-10 TABLE 26.11-1):		± 0.18	
LIVE LOADS (IBC SEC 1607)			
STORAGE WAREHOUSE - HEAVY (IBC TABLE 1607.1):		250 PSF	
ROOF LIVE LOADS (IBC TABLE 1607.1):		20 PSF UNIFORM, 300 LB CONCENTRATED	
SNOW LOADS (IBC SEC 1608):			
GROUND SNOW LOAD (IBC FIG 1608.2):		5 PSF	

FLOOD ZONE INFORMATION

BASED ON THE SURVEY OF THIS PROPERTY BY JV BURKES, THIS PROPERTY IS IN SPECIAL FLOOD HAZARD AREA

FIRM, COMMUNITY NO. 220204 0010 C DATED 04/21/1999

FLOOD ZONE:	AE	BASE FLOOD ELEVATION	9'

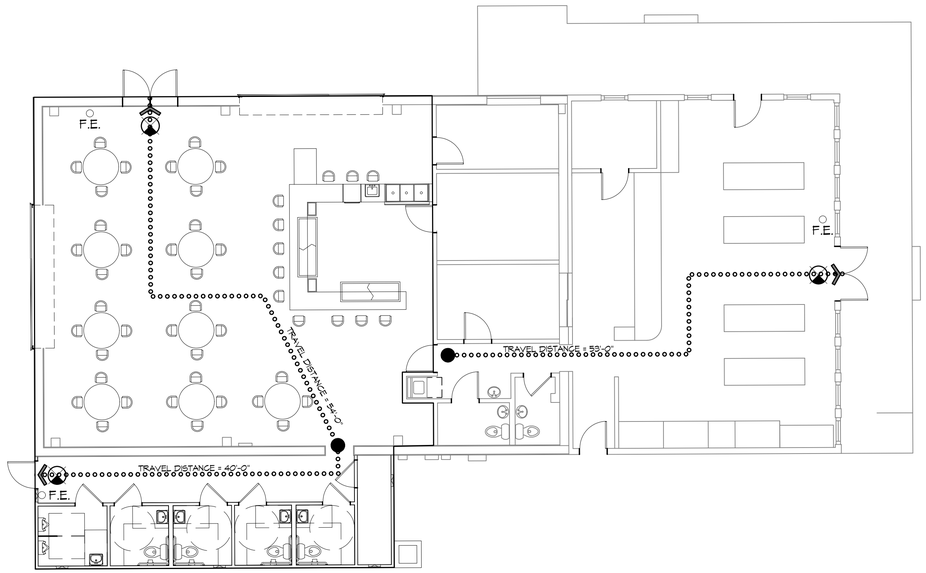
LIFE-SAFETY LEGEND

SYMBOL	DESCRIPTION
	EXITS
45	DOOR FIRE RATING (MINUTES)
36 / 150	DOOR WIDTH/EGRESS CAPACITY
	EXIT LIGHT
F.E.	FIRE EXTINGUISHER W/ WALL MTD BRACKET
	COMMON PATH OF TRAVEL
	TRAVEL DISTANCE
	DECISION POINT

PROJECT DESCRIPTION

THIS IS AN EXISTING STORE/WAREHOUSE AND THE REAR OF IT WILL BE CONVERTED INTO A BAR AREA FOR ENTERTAINMENT. NEW RESTROOMS ARE BEING ADDED. NO COOKING AT THIS SITE.

FOGGY WATERS MARINA



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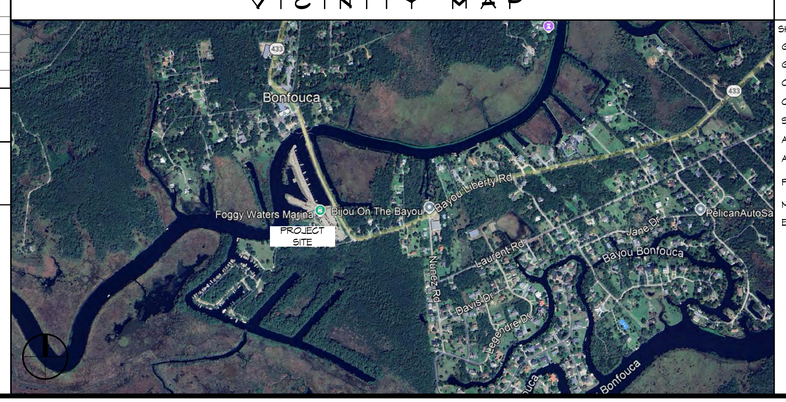
LIFE-SAFETY PLAN

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

VICINITY MAP



SHEET INDEX

SHEET #	SHEET TITLE
G101	GENERAL INFORMATION SHEET
G102	ACCESSIBILITY INFORMATION
C101	PROPOSED SITE PLAN
C102	EROSION CONTROL PLAN
S101	FOUNDATION PLAN AND BUILDING SECTION
A101	FLOOR PLAN
A102	EXTERIOR ELEVATIONS
P101	PLUMBING PLAN
M101	MECHANICAL PLAN
E101	POWER PLAN

GENERAL NOTES

1. ALL MATERIALS AND WORK, INCIDENTAL TO THE CONSTRUCTION OF THIS PROJECT, SHALL CONFORM TO ALL GOVERNING CODES, AND REGULATIONS OF AGENCIES IN AUTHORITY.
2. CONTRACTOR SHALL PROVIDE ALL PUBLIC PROTECTIONS NECESSARY AS REQUIRED BY LAW.
3. THE DRAWINGS AND ANY SUBSEQUENTLY ISSUED ADDENDA, AMENDMENTS OR SUCH CHANGE ORDERS APPROVED BY THE OWNER AND THE CONTRACTOR ARE PART OF THESE CONTRACT DOCUMENTS.
4. DO NOT SCALE DRAWINGS. CONSULT WITH THE ENGINEER REGARDING ANY ITEMS IN THE CONTRACT DOCUMENTS THAT REQUIRE CLARIFICATION.
6. TRASH SHALL BE REMOVED FROM THE SITE NOT LESS THAN TWICE MONTHLY.
7. THE GENERAL CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK AND REPORT ANY AND ALL DISCREPANCIES TO THE ARCHITECT.
8. CONTRACTOR VEHICLES AND EQUIPMENT NECESSARY FOR CONSTRUCTION MAY BE PARKED ON THE SITE. OTHER VEHICLES PARKED ON THE SITE REQUIRE THE OWNER'S PERMISSION.
9. ALL MATERIALS/EQUIPMENT SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. WORK NOT CONSISTENT WITH MANUFACTURER'S RECOMMENDATIONS WILL BE REJECTED BY OWNER/ARCHITECT.

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554 Old Spanish Trail
Slidell, LA 70458

#	DESCRIPTION	DATE
	REVISIONS	

SEAL:

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

RESTROOM AND BAR AREA

FOGGY WATERS MARINA

58041 LA-433
BAYOU LIBERTY ROAD
SLIDELL, LA 70463

DRAWN BY:	CKD
JOB No:	2026
DATE:	3-24-26
CHECKED BY:	JMS

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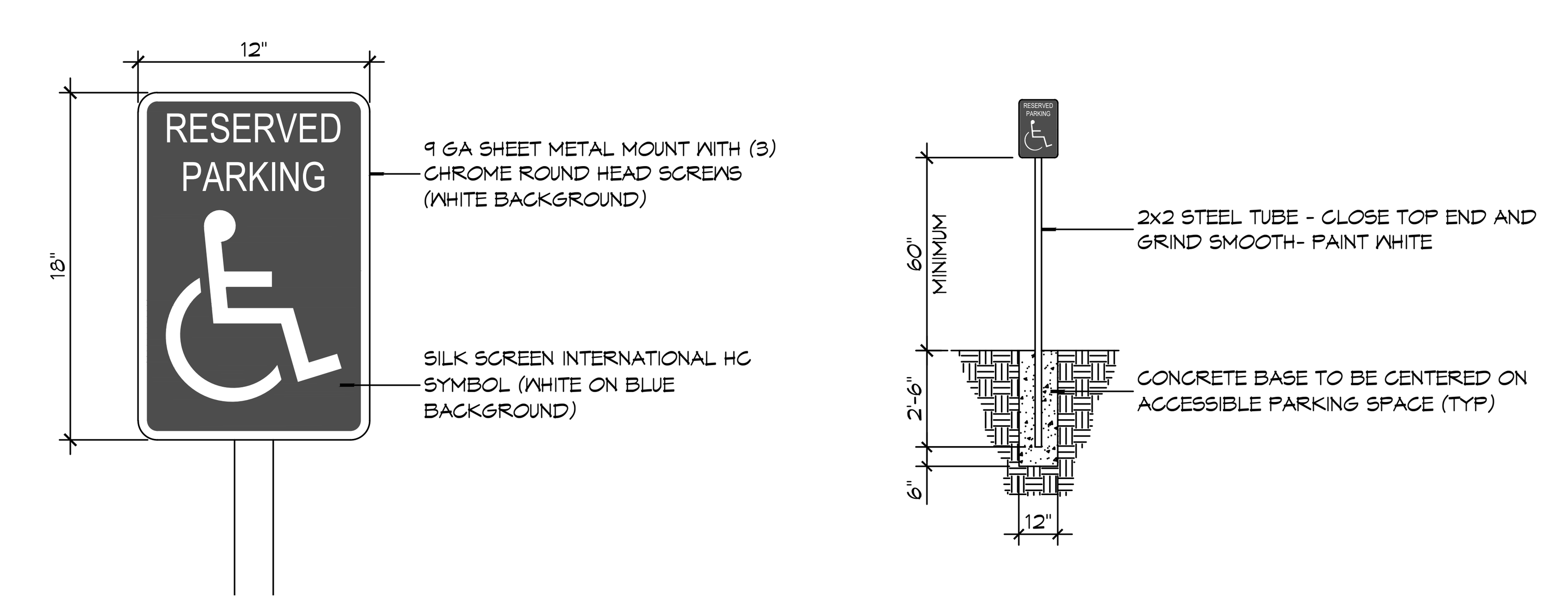
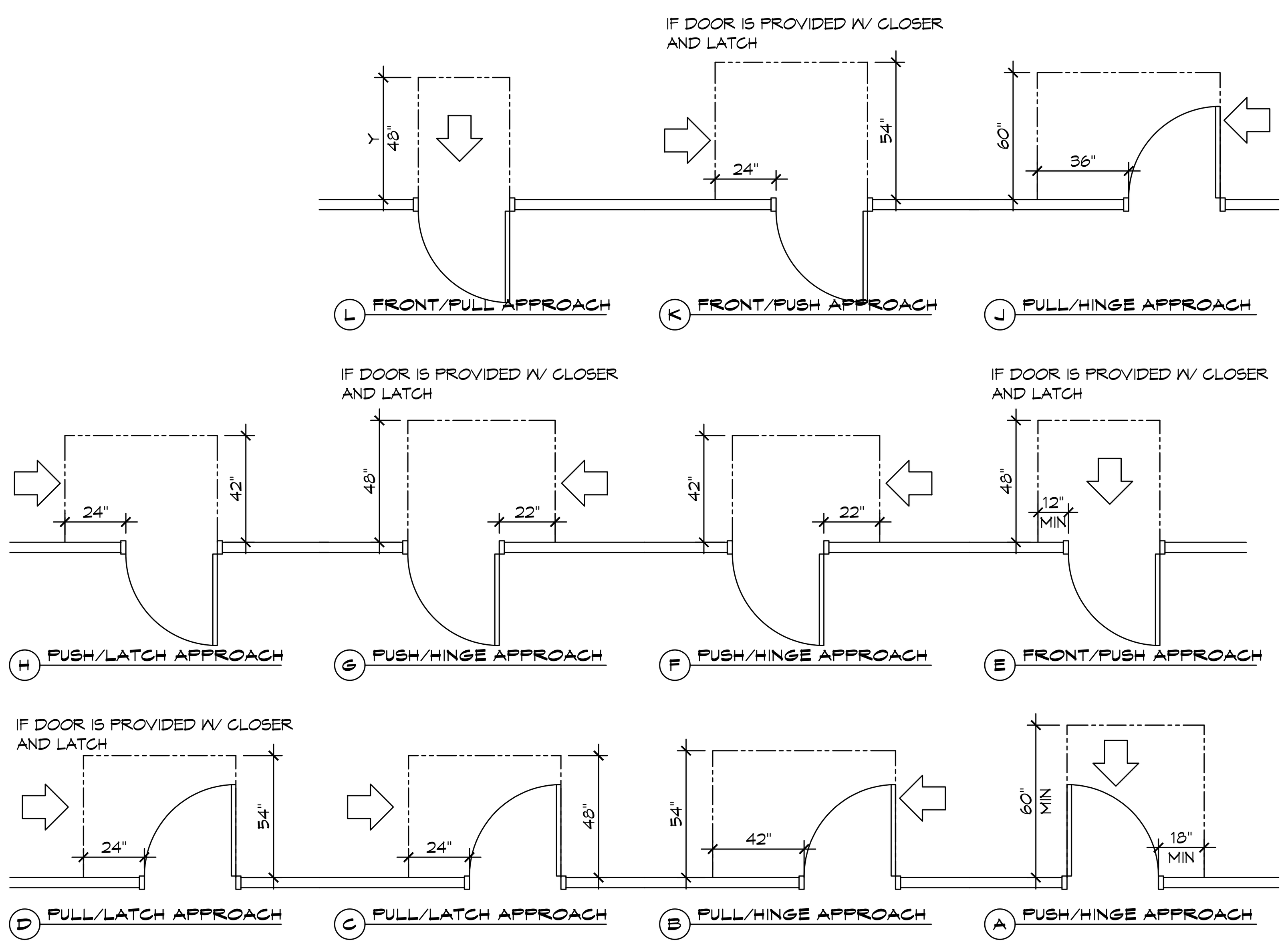
SHEET TITLE:
GENERAL INFORMATION SHEET

DRAWING NUMBER:
G101

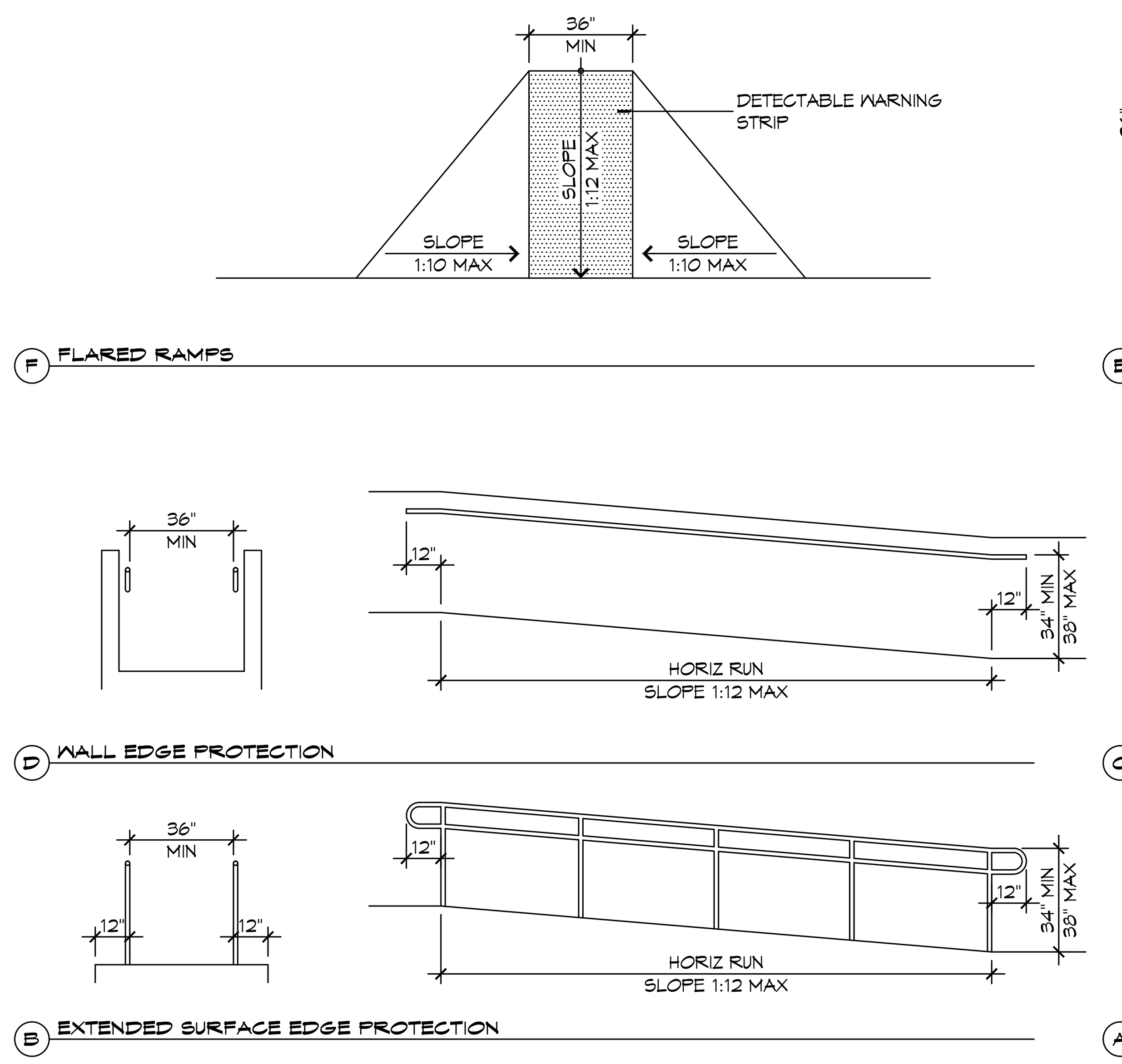
SHEET No: 1 of 10



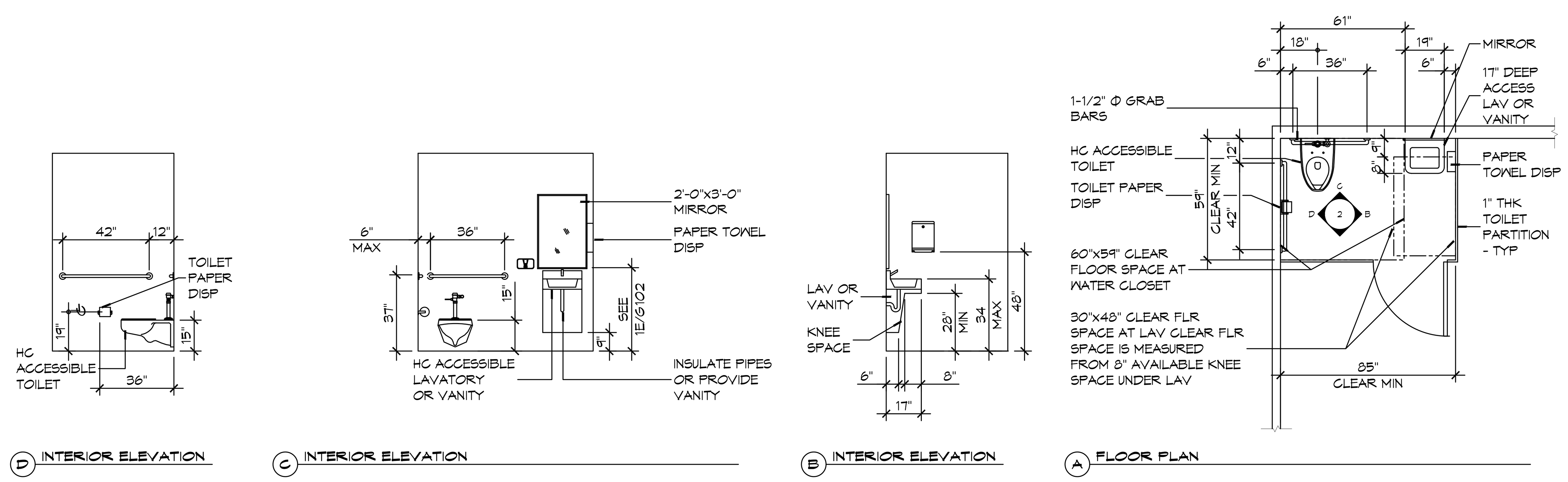
5 ACCESSIBLE SIGN
SCALE: NTS



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



4 ACCESSABLE 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. 3I/G102 - 3K/G102.

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.

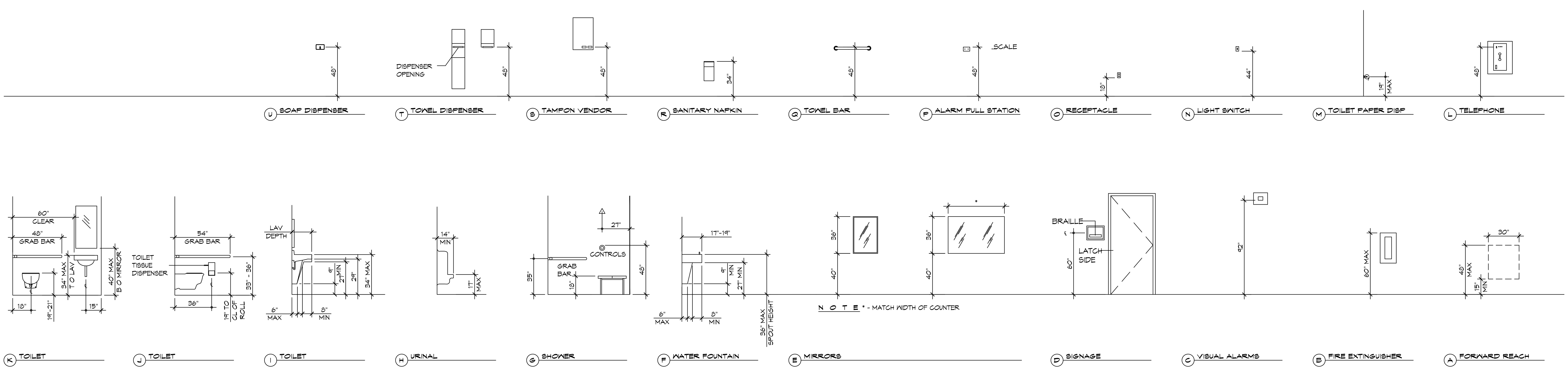
RAMPS AND LANDINGS WITH DROP-OFFS SHALL HAVE CURBS, WALLS, RAILINGS, OR PROJECTING SURFACES THAT PREVENT PEOPLE FROM SLIPPING OFF THE RAMP. CURBS SHALL BE A MINIMUM OF 2" HIGH.

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 #### 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	

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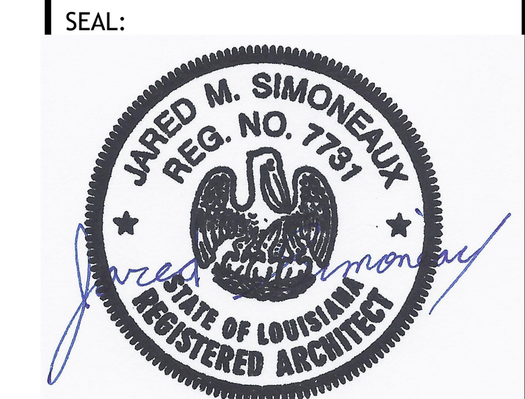


RESTROOM AND BAR AREA
FOGGY WATERS MARINA
55047 LA-433
BAYOU LIBERTY ROAD
SLIDELL, LA 70460

JOB No:	2026	DATE:	3-24-26
DRAWN BY:	CAD	CHECKED BY:	JMS

SHEET TITLE:
########################

DRAWING NUMBER:

G102

ZONING

CBF-1 COMMUNITY BASED FACILITIES

BUILDING

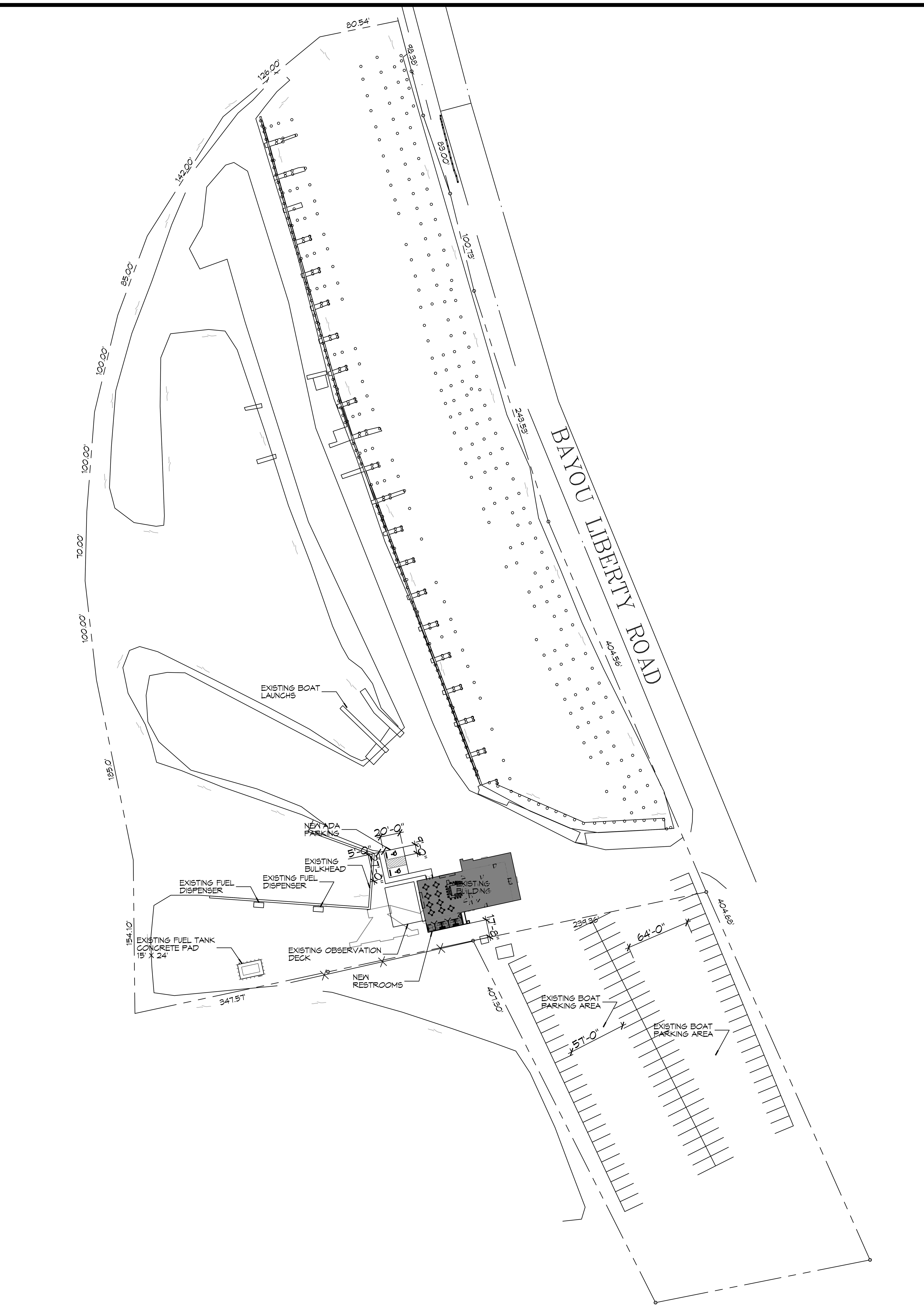
TOTAL SQUARE FOOTAGE 4,113
EXISTING STORE SQUARE FOOTAGE 1,841
NEW ENTERTAINMENT AREA SQUARE FOOTAGE 2,272

PARKING REQUIREMENTS

PARKING SPACES PROVIDED = 100
HANDICAP PARKING SPACE = 2
TOTAL PARKING SPACES PROVIDED = 102

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



1 PROPOSED SITE PLAN
SCALE: 1" = 60'-0"

GRAPHIC SCALE
(IN FEET)
1 INCH = 1 FEET

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DRAWN BY:	CKD	CHECKED BY:	BAM

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SHEET TITLE:
PROPOSED SITE PLAN

DRAWING NUMBER:
C101

GENERAL EROSION CONTROL NOTES

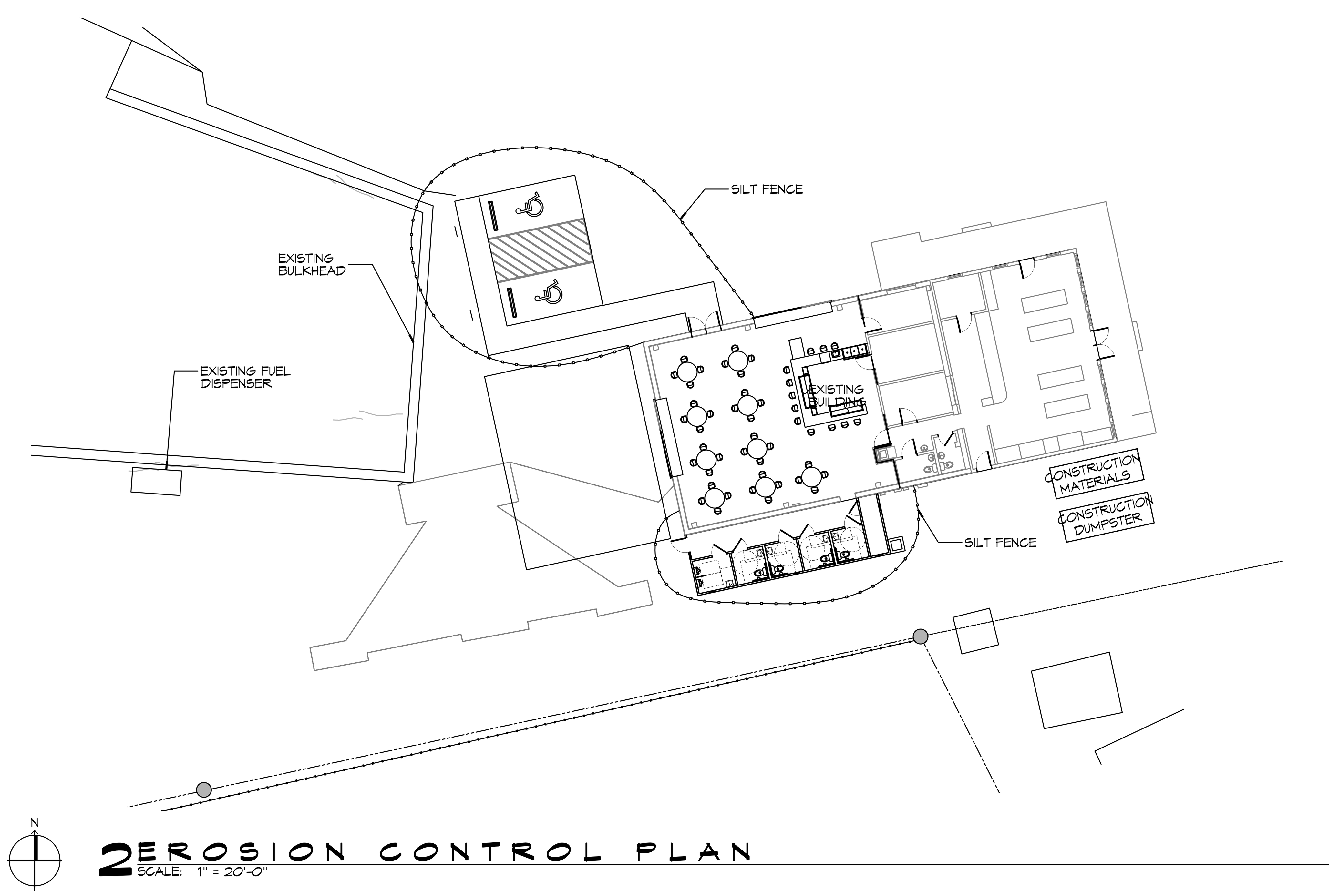
1. ALL APPLICABLE EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IN PLACE PRIOR TO ANY GRADING OPERATION AND/OR INSTALLATION OF PROPOSED STRUCTURES OR UTILITIES.
2. SOIL EROSION AND SEDIMENT CONTROL PRACTICES ON THIS PLAN SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARDS OF THE AUTHORITY HAVING JURISDICTION.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

SILT FENCE INSTALLATION NOTES

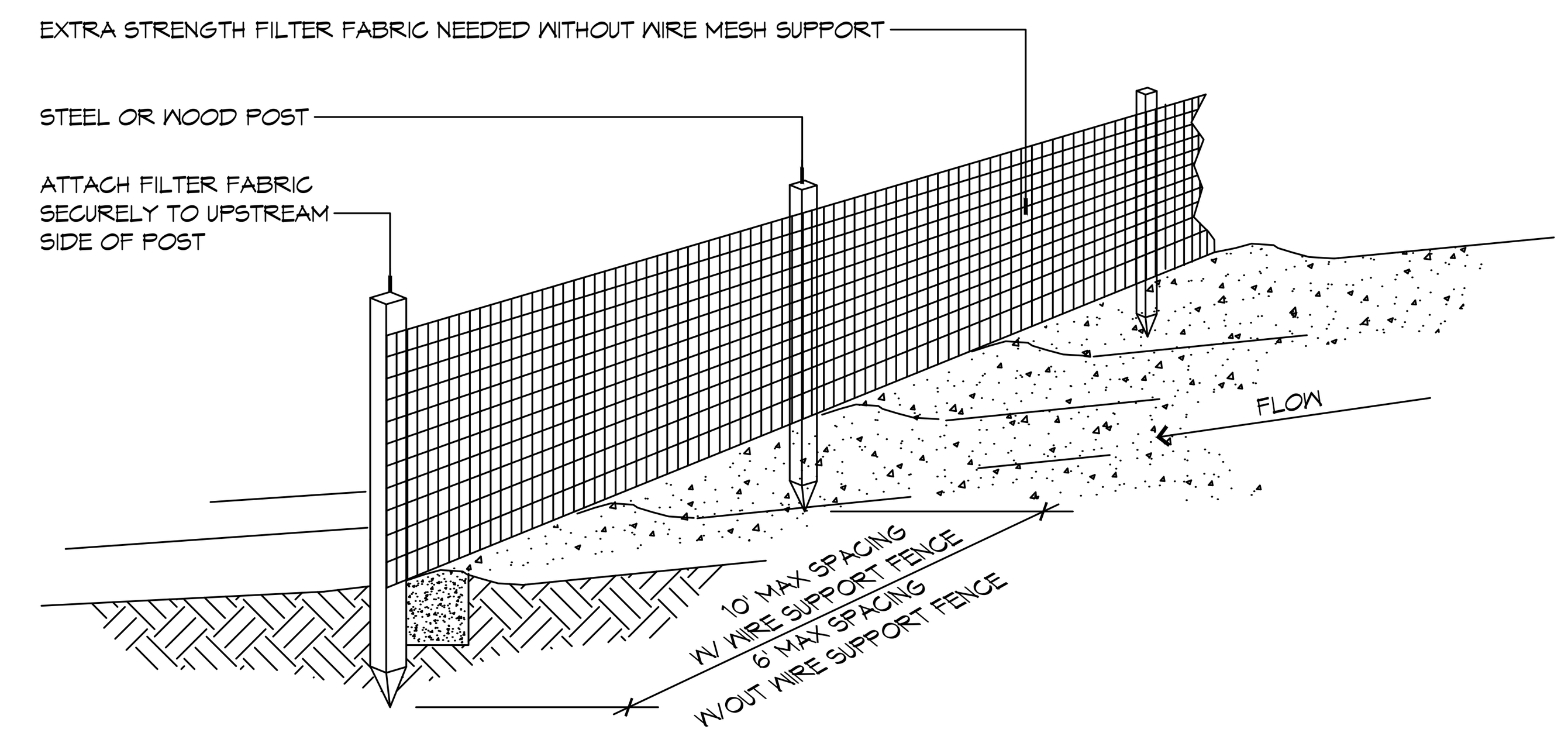
1. THE BASE OF BOTH END POSTS MUST BE AT LEAST 2"-4" ABOVE THE TOP OF THE SILT FENCE FABRIC ON THE MIDDLE POSTS FOR DITCH CHECKS TO DRAIN PROPERLY. USE A HAND LEVEL OR STRING LEVEL, IF NECESSARY, TO MARK BASE POINTS BEFORE INSTALLATION.
2. INSTALL POSTS 3 - 4 FEET APART IN CRITICAL WATER RETENTION AREAS AND 6 - 7 FEET APART ON STANDARD APPLICATIONS.
3. INSTALL POSTS 24" DEEP ON THE DOWNSTREAM SIDE OF THE SILT FENCE, AND AS CLOSE AS POSSIBLE TO THE FABRIC, ENABLING POSTS TO SUPPORT THE FABRIC FROM UPSTREAM WATER PRESSURE.
4. INSTALL POSTS WITH THE NIPPLES FACING AWAY FROM THE SILT FENCE FABRIC.
5. ATTACH THE FABRIC TO EACH POST WITH THREE TIES, ALL SPACED WITHIN THE TOP 8" OF THE FABRIC. ATTACH EACH TIE DIAGONALLY 45° THROUGH THE FABRIC, WITH EACH PUNCTURE AT LEAST 1" VERTICALLY APART. ADDITIONALLY, EACH TIE SHOULD BE POSITIONED TO HANG ON 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

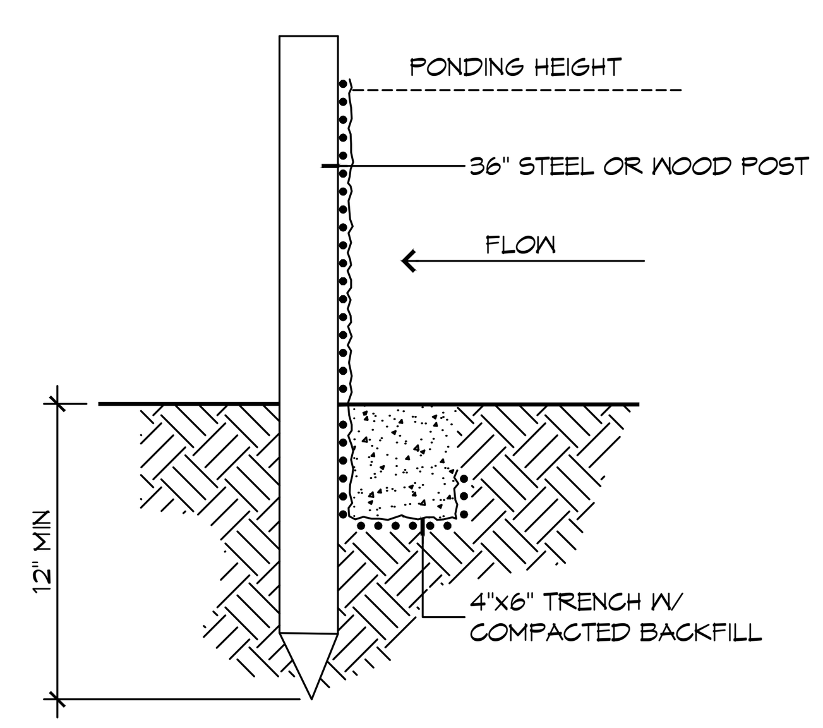
—□—□—□— SILT FENCE



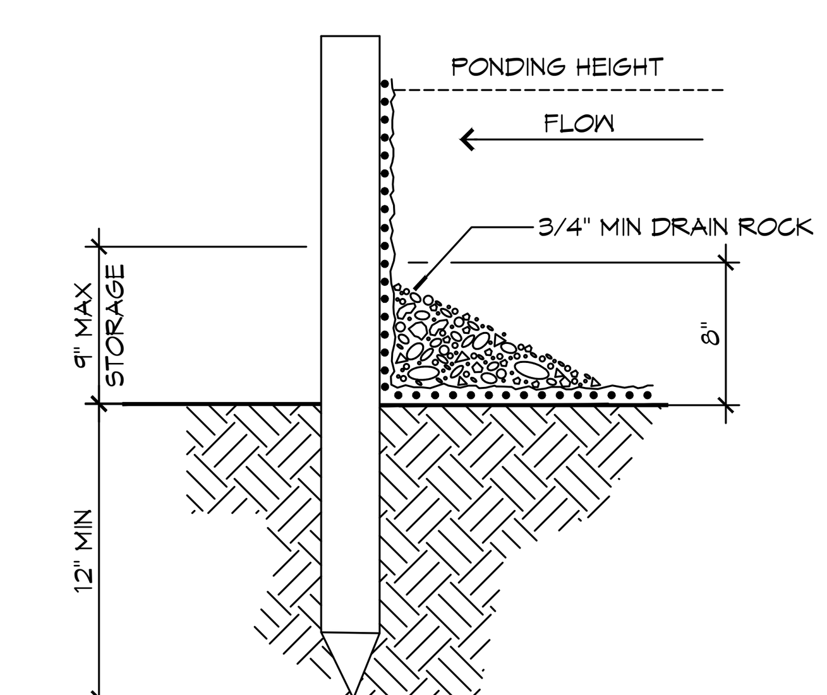
2 EROSION CONTROL PLAN
SCALE: 1" = 20'-0"



(A) SILT FENCE



(B) SILT FENCE



(C) FENCE WITH FENCE

3 DETAILS
SCALE: NTS

ERISION CONTROL FENCE AT PROPERTY LINE OR LIMITS OF CONSTRUCTION

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#	DESCRIPTION	DATE

REVISIONS

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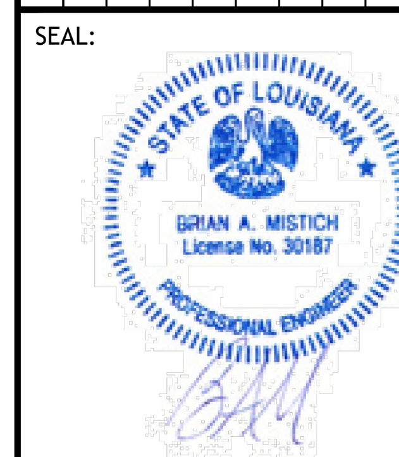

RESTROOM AND ENTERTAINMENT AREA
FOGGY WATERS MARINA
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JOB No:	2026	DATE:	3-24-26
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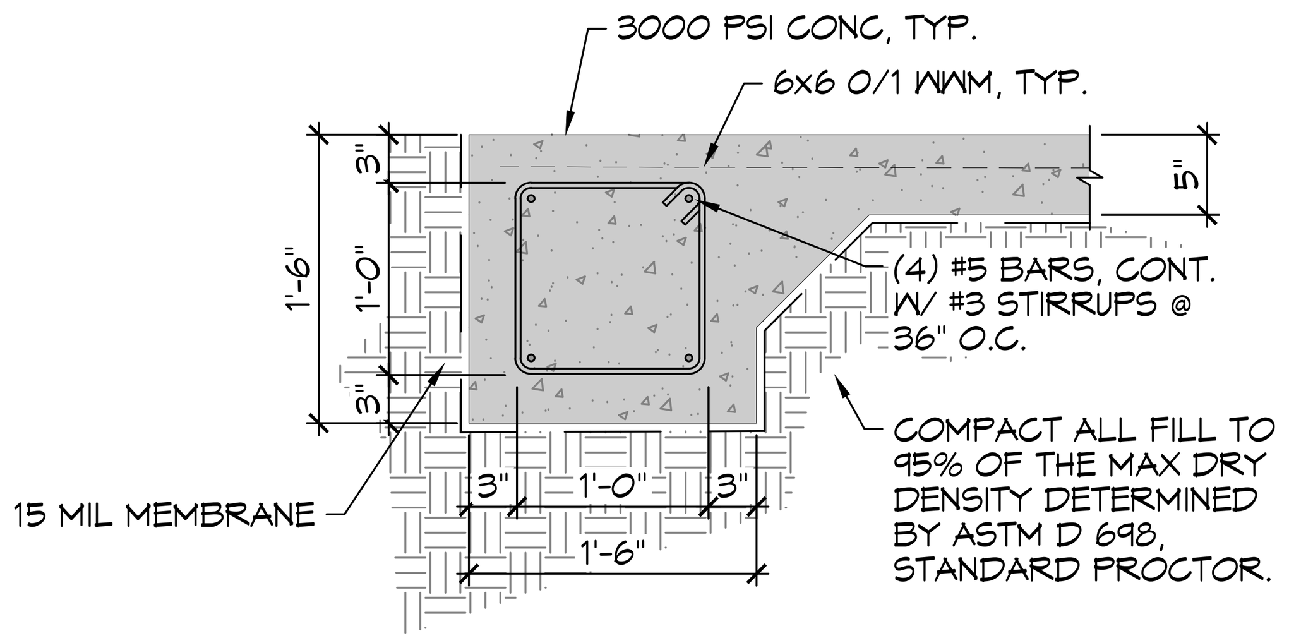
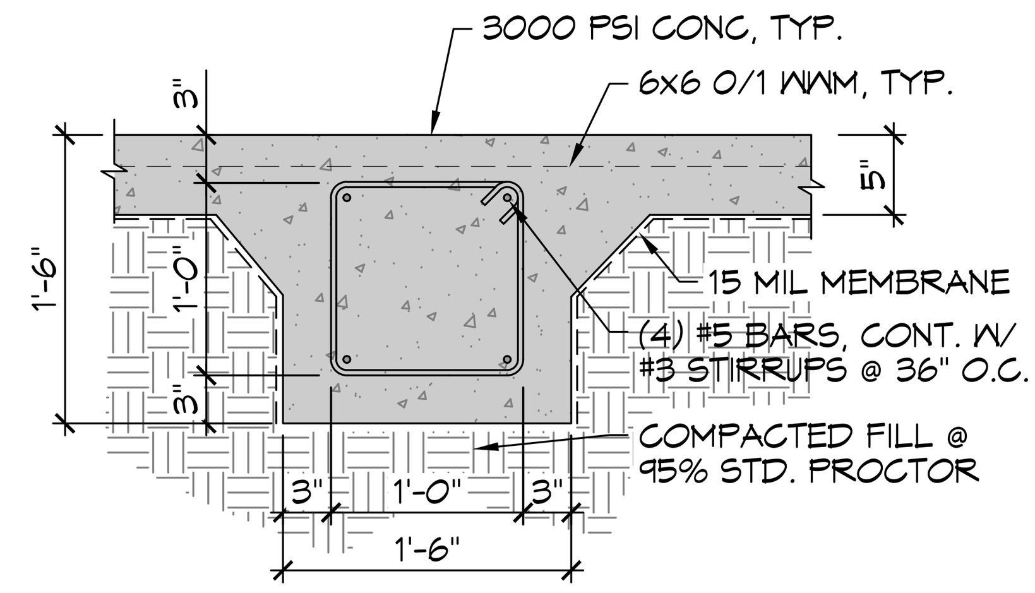
SHEET TITLE:
EROSION CONTROL AND DETAILS

DRAWING NUMBER:
C102

SHEET No: 4 of 10



A SECTION
S101 S101
SCALE: 1"= 1'-0"



B SECTION
S101 S101
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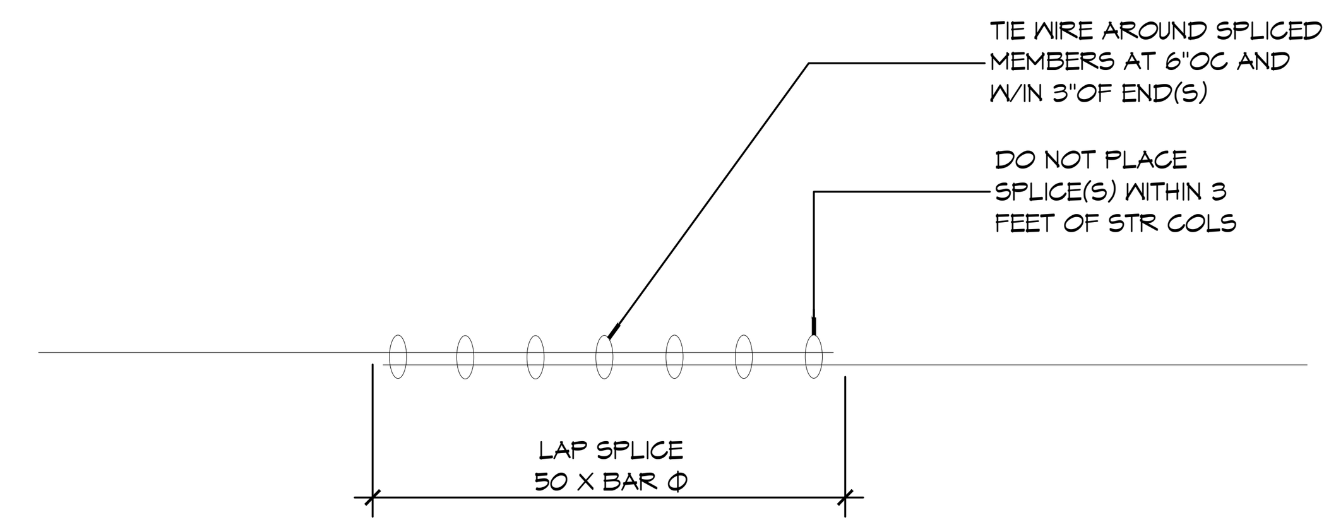
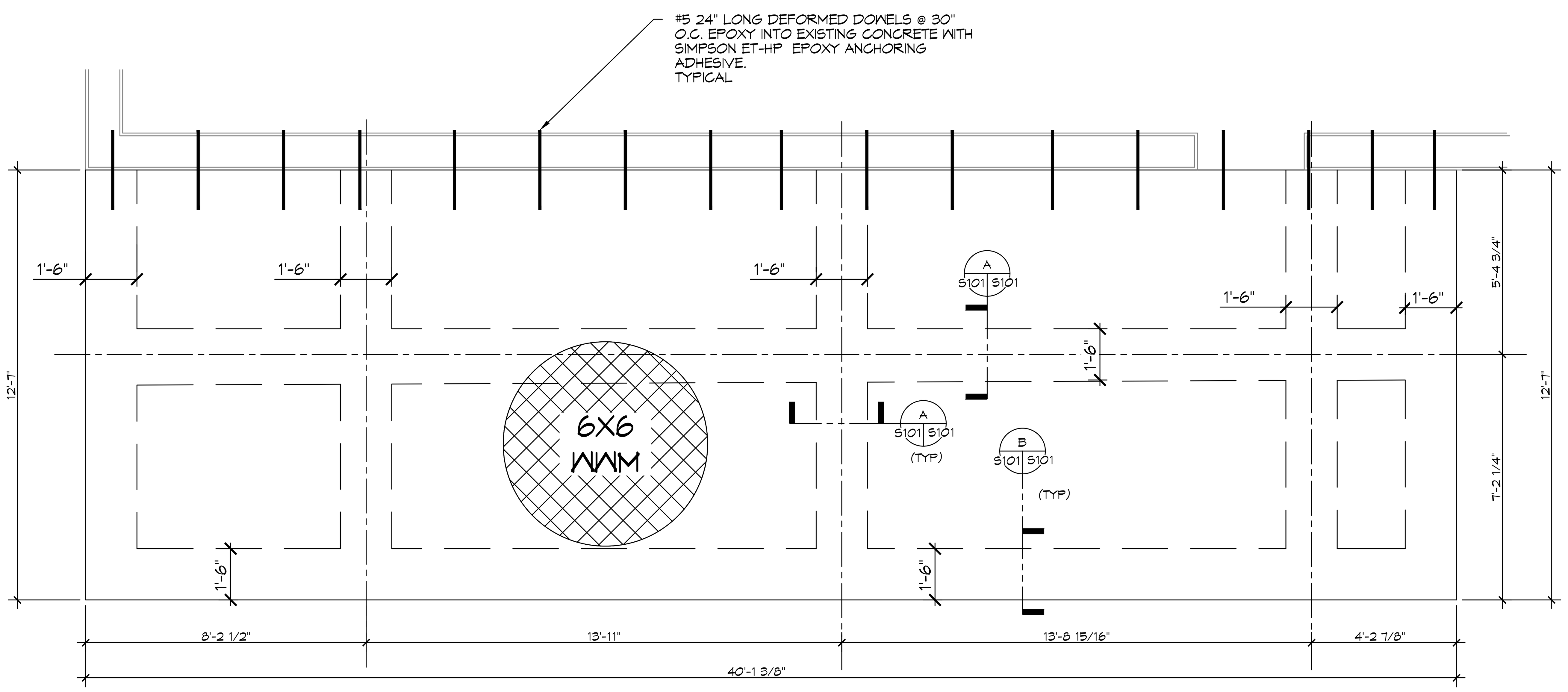
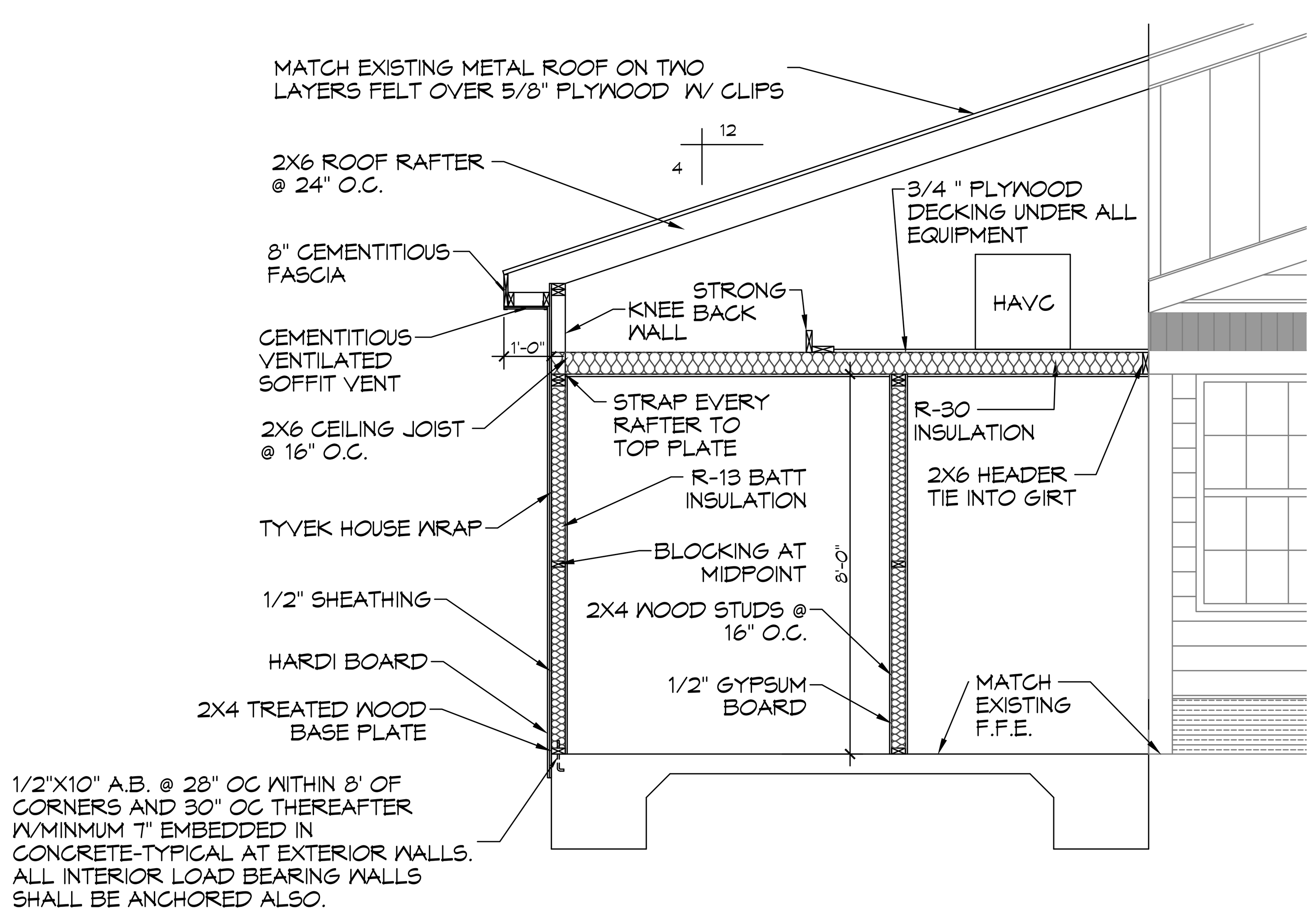


C DETAIL
S101 S101
SCALE: 1"= 1'-0"



4 FOUNDATION PLAN
SCALE: 3/8" = 1'-0"



D FRAMING SECTION
S101 S101
SCALE: 3/8" = 1'-0"
RESTROOM

GENERAL FOUNDATION NOTES

1. THE CONCRETE MIX SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS. CONCRETE MIX SHALL BE IN ACCORDANCE WITH ACI-318.
2. ALL CONVENTIONAL REINFORCING SHALL MEET ASTM-A615 (GRADE 60).
3. ALL REINFORCING STEEL AND MESH SHALL BE SECURELY SUPPORTED TO PREVENT BOTH VERTICAL AND HORIZONTAL MOVEMENT DURING CONCRETE PLACEMENT.
4. THE CONTRACTOR SHALL VERIFY ALL DROPS, OFFSETS, CMU LEDGES, DIMENSIONS, AND CONFIGURATIONS. CONTRACTOR MUST BE RESPONSIBLE FOR SAME.
5. VERIFY ALL PLUMBING ROUGH-IN LOCATIONS & ELECTRICAL ROUGH-IN LOCATIONS.
6. GRADE BEAM SIZES MAY VARY BY -5% TO +20%.
7. ALL SUBGRADE FILL SHALL BE SELECT GRANULAR MATERIAL COMPACTED TO 95% STANDARD PROCTOR DENSITY IN A MAXIMUM OF 6" LIFTS.
8. ALL RUNOFF WATER MUST BE CARRIED AWAY FROM THE SLAB TO PREVENT SATURATION OF THE SUB-BASE.
9. ALL TREES WITHIN CLOSE PROXIMITY SHALL BE REMOVED TO PREVENT THE ROOTS FROM EXTENDING UNDER THE SLAB.
10. 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 TO BE PLACED AS QUICKLY AS POSSIBLE TO AVOID EXPOSURE OF THE FOOTING BOTTOMS TO WETTING AND DRYING. SURFACE RUNOFF WATER SHOULD BE DRAINED AWAY FROM THE EXCAVATIONS AND NOT BE ALLOWED TO POND PRIOR TO OR AFTER CONCRETE PLACEMENT. IF IT IS REQUIRED THAT A FOOTING EXCAVATION BE LEFT OPEN FOR MORE THAN ONE DAY, IT SHOULD BE PROTECTED TO REDUCE EVAPORATION OR ENTRY OF MOISTURE.
11. NEW SPREAD CONCRETE FOOTINGS AND CONTINUOUS FOOTINGS, BEARING ON COMPACTED STRUCTURAL FILL, AT LEAST 2 FEET BELOW FINISHED GRADE, SHOULD BE DESIGNED FOR MAXIMUM NET ALLOWABLE BEARING PRESSURES OF 1,200 PSF AND 2,000 PSF RESPECTIVELY, BASED ON DEAD LOADS AND DESIGN LIVE LOADS.
12. TREAT SOIL BELOW SLAB FOR TERMITES.

GENERAL SITEPREP 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 AREA 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. MUCK OUT AND FILL 24" MINIMUM,
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 (4) 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.

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#	DESCRIPTION	DATE

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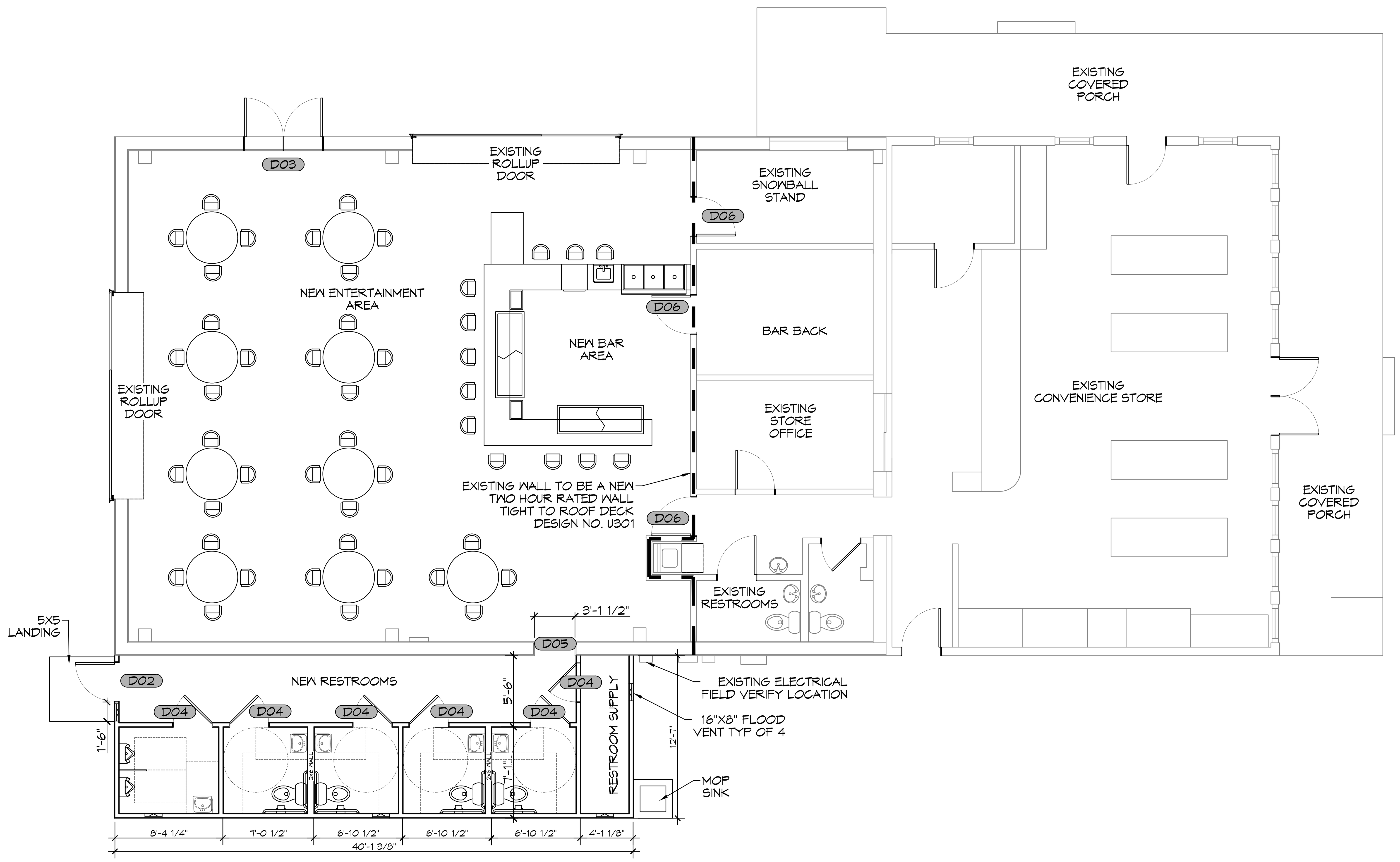
JOB No:	2026	DATE:	3-24-26
DRAWN BY:	CAD	CHECKED BY:	BAM

SHEET TITLE:
FOUNDATION PLAN AND FRAMING PLAN

DRAWING NUMBER:
S101

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



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

DOOR SCHEDULE

MK	WIDTH	HEIGHT	THK	DOOR MAT	FRAME MAT	NOTES
D01	3'-0"	6'-8"	1-3/4"	METAL	METAL	45 MIN. RATED W/CLOSER
D02	3'- 0"	6'-8"	1-3/4"	METAL	METAL	EXTERIOR DOOR WITH CLOSER
D03	(2)3'-0"	6'-8"	1-3/4"	GLASS	METAL	EXTERIOR DOOR WITH CLOSER
D04	3'-0"	6'-8"	1-3/4"	WOOD	WOOD	INTERIOR DOOR CLOSER
D05	3'-0"	7'-0"	-	-	-	REMOVE EXISTING DOOR FOR CASED OPENING
D06	3'-0"	6'-8"	1-3/4"	METAL	METAL	1-1/2 HOUR RATED W/CLOSER

GENERAL NOTES

1. INSULATION AND INSULATION ASSEMBLIES SHALL MEET THE REQUIREMENTS OF IBC 2021 SECTION 720.
   A. CONCEALED INSULATION SHALL HAVE A FLAME SPREAD OF 0-25 AND SMOKE DEVELOPED INDEX OF 0-450.
   B. FACING SHALL COMPLY WITH IBC 2021.
2. ALL MATERIALS SHALL BE NEW AND UL LISTED.
3. NO WORK SHALL BE CONCEALED UNTIL APPROVED BY LOCAL INSPECTORS.
4. CONSTRUCTION SHALL COMPLY WITH ALL PARISH, STATE, AND LOCAL CODES.
5. CONTRACTOR TO GUARANTEE WORK FOR ONE YEAR FROM DATE OF SUBSTANTIAL COMPLETION.
6. CONTRACTOR SHALL FURNISH WATER AND POWER FROM EXISTING SOURCES.
7. EXTERIOR CAULKING SHALL BE THIOKAL CAULK.
8. PAINT SHALL BE SHERWIN WILLIAMS OR EQUIVALENT AND APPROPRIATE FOR THE SUBSTRATE TO WHICH IT IS APPLIED AS RECOMMENDED BY PAINT MANUFACTURER. ALL WORK TO RECEIVE THREE COATS (ONE PRIMER COAT, TWO FINISH COATS) UNLESS OTHERWISE RECOMMENDED BY PAINT MANUFACTUER. COLORS TO BE SELECTED BY OWNER.
9. PROVIDE CLEANUP ON A REGULAR BASIS. NO TRASH SHALL BE STORED INSIDE BUILDING PREMISES.
10. USE 2x6 STUDS, OR TWO 2x4 STAGGERED STUDS WITH 2x6 SILL PLATE AT ALL WALLS WHERE 4" PIPE IS INDICATED. SEE PLUMBING RISER DIAGRAM FOR PIPE SIZE.
11. PROVIDE GALVANIZED METAL PAN WITH DRAIN AT ALL WATER HEATERS.
12. ALL FLOORING SHALL MEET OR EXCEED ADA GUIDELINES REQUIREMENTS FOR SLIP RESISTANCE.
13. INTERIOR LOCKS ON DOORS IN MEANS OF EGRESS SHALL NOT REQUIRE THE USE OF A KEY, SPECIAL KNOWLEDGE, OR SPECIAL DEVICE TO OPEN IN THE DIRECTION OF EGRESS. ALL DOORS SHALL HAVE LEVER TYPE HANDLES.
14. INTERIOR WALLS AND CEILINGS SHALL HAVE A FLAME SPREAD OF 0-200 AND A SMOKE DEVELOPMENT RATING OF 0-450; PER IBC 2015.
15. ALL WORK SHALL COMPLY WITH THE LATEST EDITION OF ALL LOCAL, STATE, AND NATIONAL CODES COVERING THE TYPE OF WORK BEING PERFORMED.
16. PROVIDE PORTABLE FIRE EXTINGUISHERS IN ACCORDANCE WITH NFPA 101. SEE APPENDIX "E" OF NFPA 101 FOR DISTRIBUTION OF EXTINGUISHERS.
17. ALL FIRE WALLS SHALL EXTEND TIGHT TO ROOF DECK AND BE SEALED WITH AN APPROVED FIRE CAULK.
18. ALL ELECTRICAL, MECHANICAL, AND PLUMBING MATERIALS PENETRATING FIRE WALLS SHALL BE FIRE CAULKED. (PENETRATIONS THROUGH RATED CONSTRUCTION SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM-E814.) SEAL ALL JOINTS, PENETRATIONS, AND ALL OTHER SUCH OPENINGS IN THE BUILDING ENVELOPE THAT ARE SOURCES OF AIR LEAKAGE.
19. SERVICE COUNTERS SHALL HAVE AN ACCESSIBLE WRITING SURFACE IN COMPLIANCE WITH ADAAG ACCESSIBILITY GUIDELINES 2010, SECTION 902.3.

DESIGN CRITERIA

THE CONSTRUCTION FOR SAID RESIDENCE, WHERE Vult WIND SPEED IS 140 MILES PER HOUR AND Vasd WIND SPEED IS 130 MPH, 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. STRUCTURE SHALL BE BUILT TO THE 2021 INTERNATIONAL ENERGY CONSERVATION CODE (2021 IECC) AND STATE AMENDMENTS ADOPTED JULY 1, 2023.

L Product iQ™

BXUVC.U301 - Fire-resistance Ratings

BXUVC - Fire-resistance Ratings

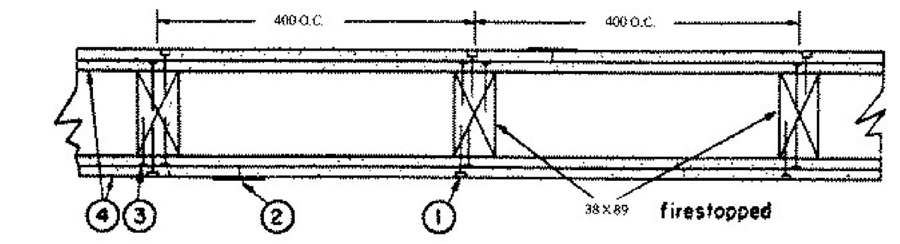
See General Information for Fire-resistance Ratings

Design No. U301

February 12, 2019

Assembly Rating - 2 h

Load Restricted — Assembly evaluated in accordance with Working Stress Design methods, for use under Limit States Design methods; refer to information under Guide BXUVC.



Bearing Wall - Combustible Construction

(Finish Rating - 66 minutes)

1. **Nailheads —** Exposed or covered with joint finisher.

2. **Joints —** Exposed or covered with tape and joint finisher.

3. **Nails —** 51 mm, cement-coated flathead.

4. **Gypsum Board —** (CKNXC). 15.9 mm thick applied in two layers. Base layer placed vertically with joints butted over studs and nailed to studs 150 mm OC.
Face layer applied horizontally with joint finisher cement and nailed 300 mm OC temporarily to base layer until cement sets. All joints in face layers staggered with joints in base layers and with joints on opposite sides.

CGC INC — Types SCX, SGX, AR, WRX, IP-X1, IP-AR, SHX, C, IP-X2, WRC, ULX

UNITED STATES GYPSUM CO — Types SCX, SGX, AR, WRX, IP-X1, IP-AR, SHX, C, IP-X2, WRC, ULX

GEORGIA-PACIFIC GYPSUM L L C — Types 9, X, DGG, DS, GuardGF-2, C, TR-AR, GF-6, DAP

NATIONAL GYPSUM CO — Types FSW, FSW-3

OR

4A. **Gypsum Board —** (CKNXC). 15.9 mm thick two layers applied either horizontally or vertically. All joints in face layers are

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JOB No:	2026	DATE:	3-24-26
DRAWN BY:	CKD	CHECKED BY:	BAM

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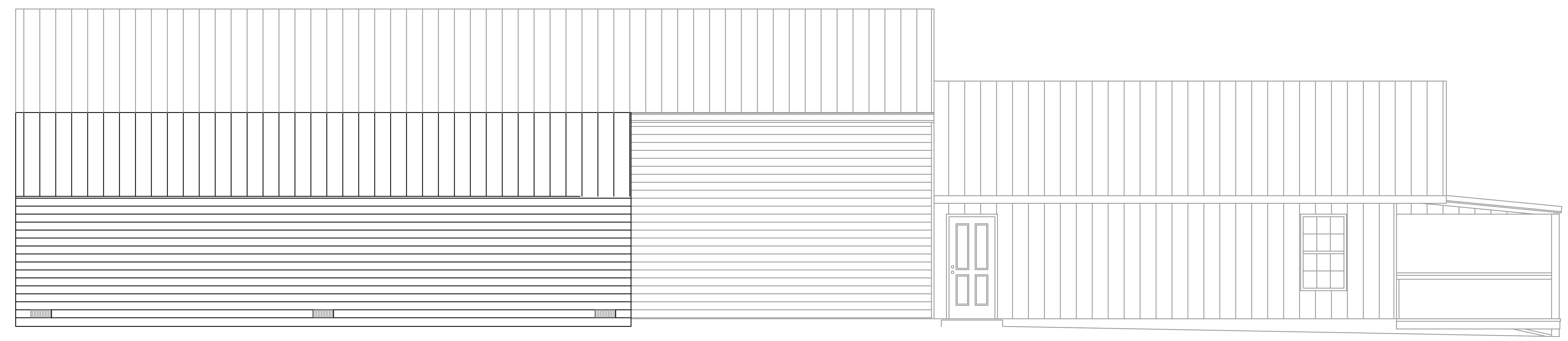
SHEET TITLE:
FLOOR PLAN

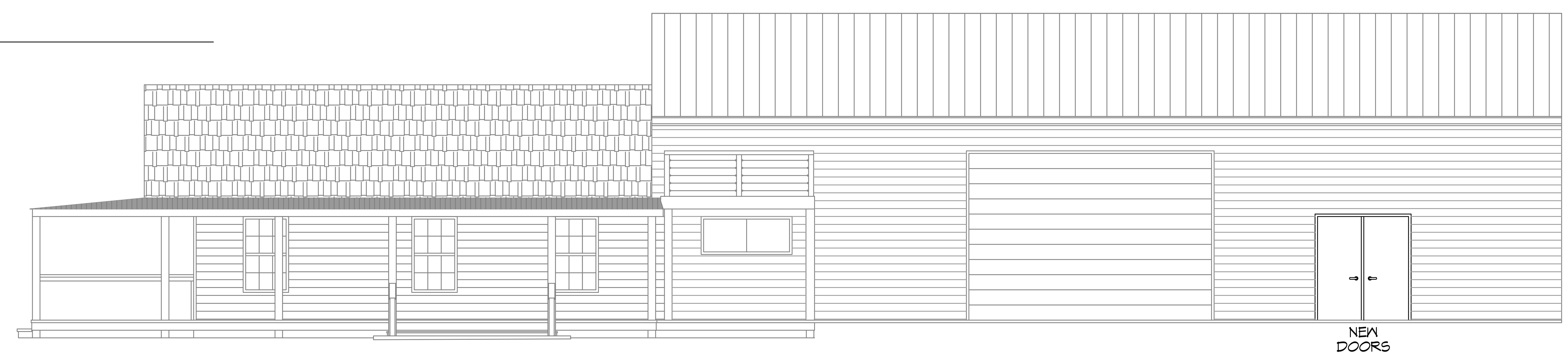
DRAWING NUMBER:

A101

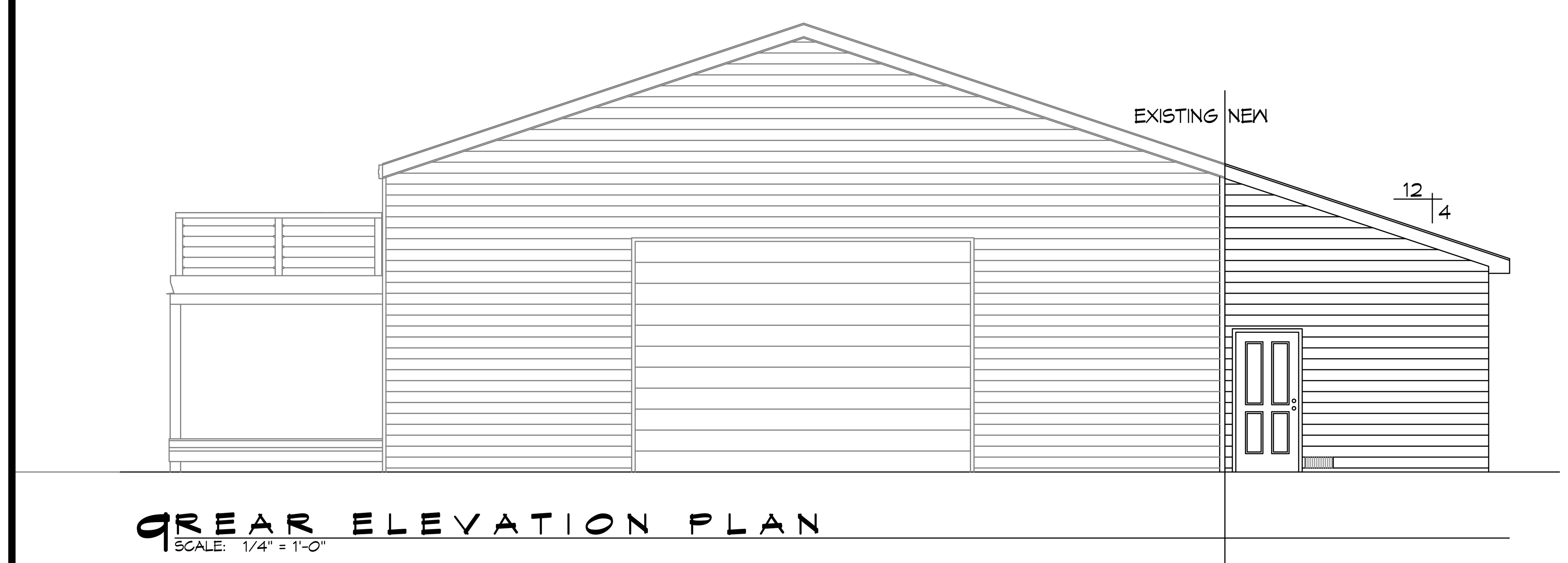


6 RIGHT ELEVATION PLAN
SCALE: 1/4" = 1'-0"

7 FRONT ELEVATION PLAN
SCALE: 1/4" = 1'-0"



8 LEFT ELEVATION PLAN
SCALE: 1/4" = 1'-0"



9 REAR ELEVATION PLAN
SCALE: 1/4" = 1'-0"

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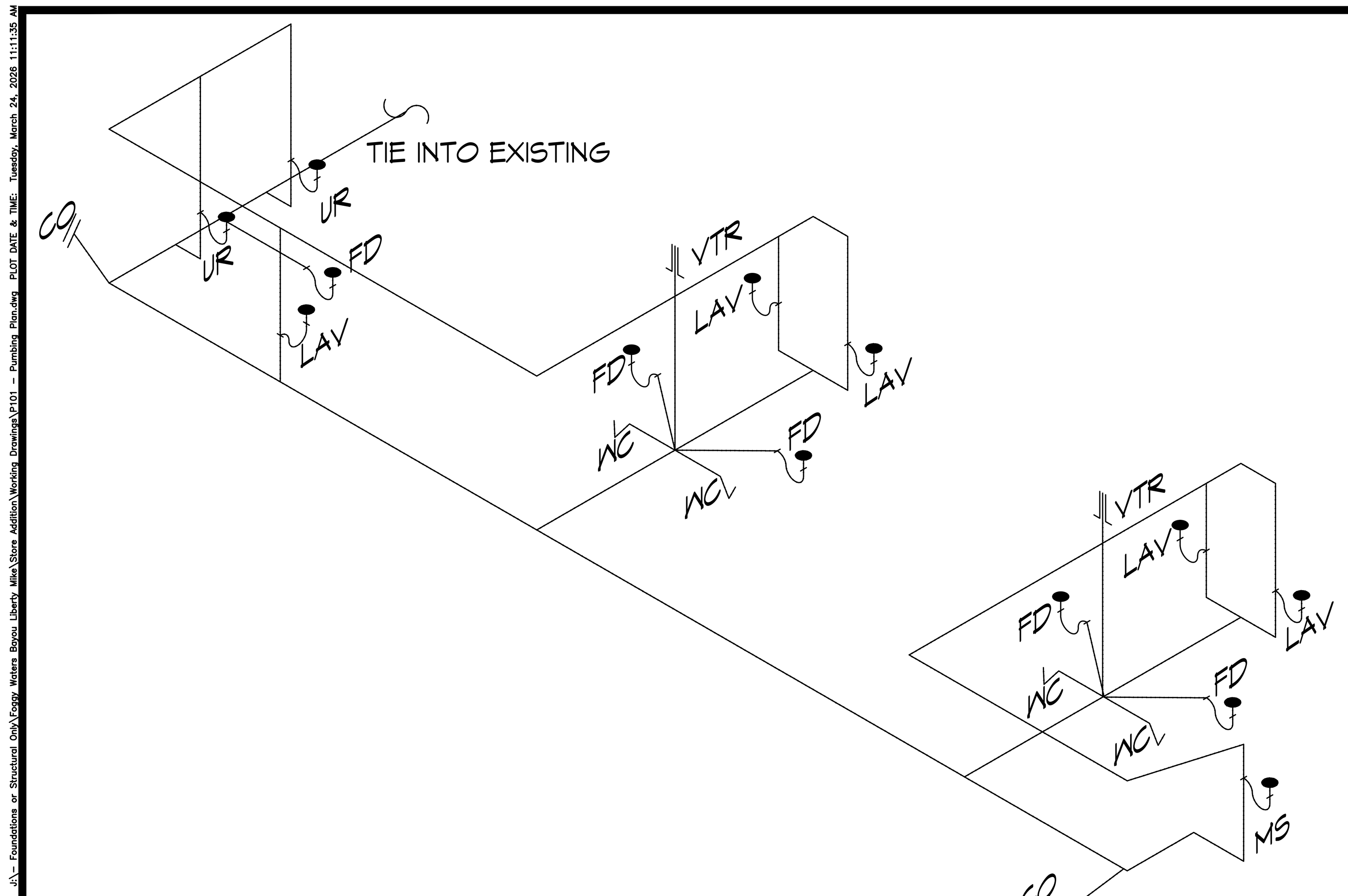
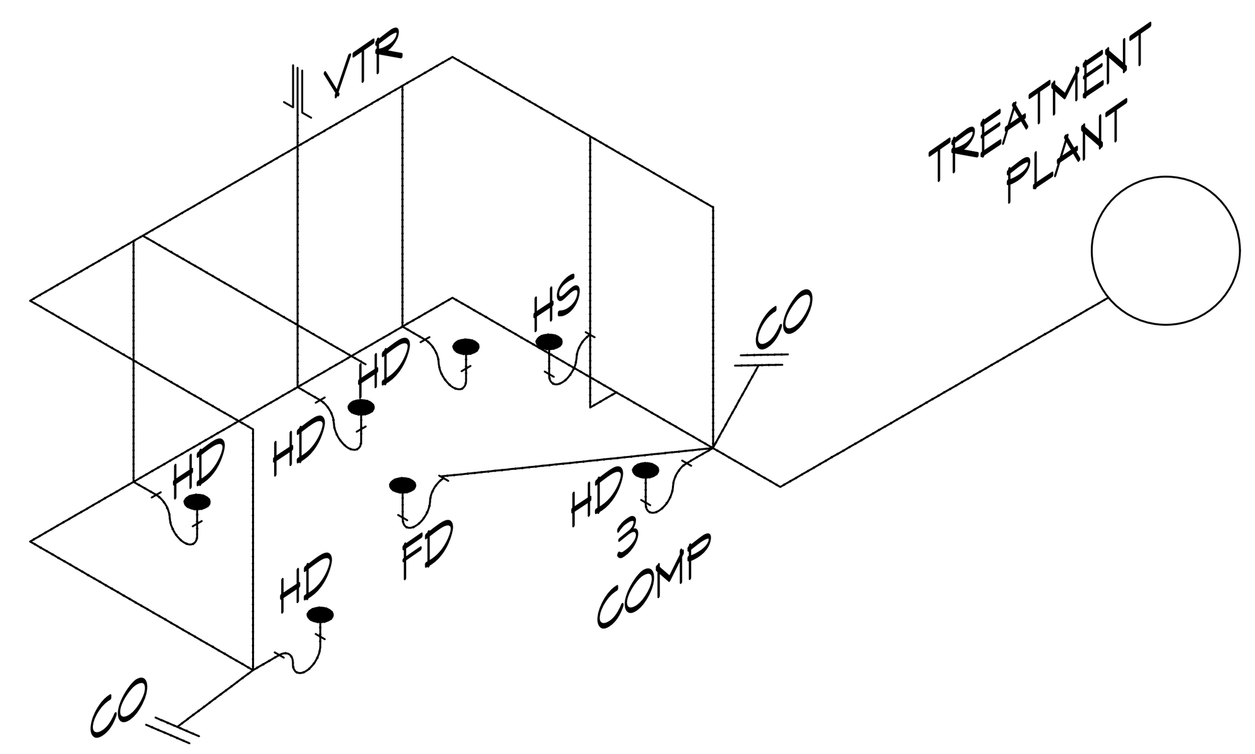
SHEET TITLE:
ELEVATION PLAN

DRAWING NUMBER:

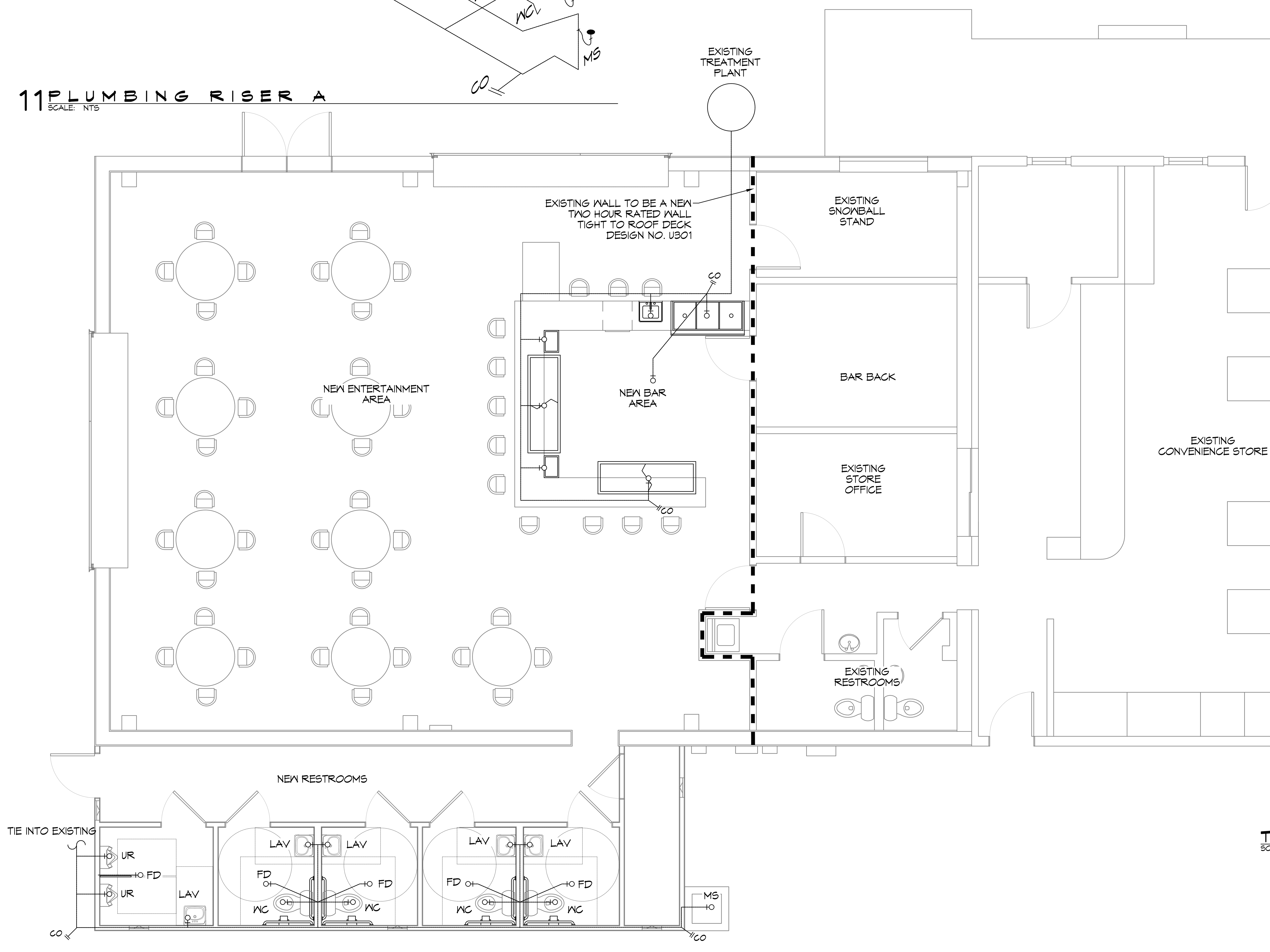
A102



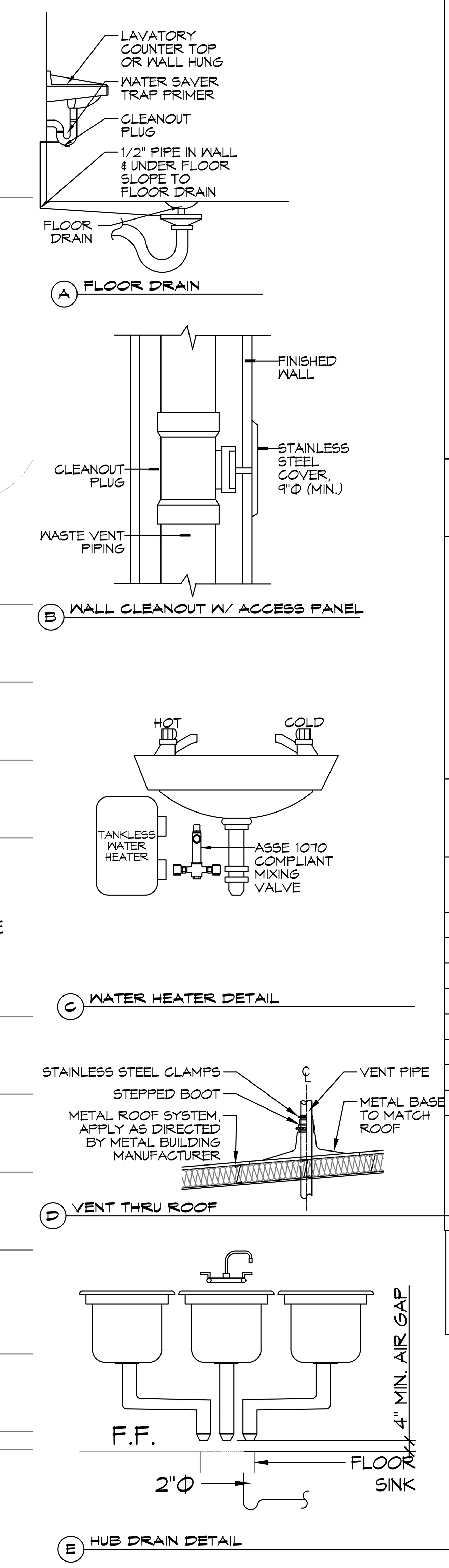
11 PLUMBING RISER A
SCALE: NTS



15 PLUMBING RISER B
SCALE: NTS



10 PLUMBING PLAN
SCALE: 1/4" = 1'-0"



TYPICAL PLUMBING DETAILS
SCALE: NTS

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. MUST MEET LA STATE PLUMBING CODE 2013 REQUIREMENTS.
4. CONTRACTOR IS TO FIELD VERIFY ALL EXISTING UTILITY LOCATIONS, ELEVATIONS AND SIZES PRIOR TO COMMENCING ANY WORK. CONTRACTOR SHALL PAY NECESSARY FEES FOR THE UTILITIES CONNECTIONS.
5. CONTRACTOR IS RESPONSIBLE TO VERIFY THE EXISTING INVERTS AND SET NEW INVERTS OF SEWERAGE AND DRAINAGE PIPES.
6. SEWERAGE LINES 3-INCH AND SMALLER SHALL BE SLOPED 1/4" PER FOOT AND LINES 4-INCH AND LARGER SHALL BE 1/8" PER FOOT.
7. TEST ALL PIPING AT REQUIRED PRESSURE.
8. ALL PLUMBING SHALL BE CLOSELY COORDINATED WITH STRUCTURAL, MECHANICAL SYSTEM AND ELECTRICAL SYSTEMS TO INSURE NO TRADES WILL CONFLICT WITH EACH OTHER.
9. DO NOT SCALE DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF DOORS, WINDOWS, WALLS, FIXTURES, ETC.
10. ALL WATER MAINS AND PIPING NOT SHOWN FOR CLARITY, ALL LOCATIONS FIELD VERIFIED.
11. DOMESTIC HOT AND COLD WATER PIPING AND FITTINGS UNDER SLAB SHALL BE ASTM 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 OR PEX PIPING.
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. ALL VENTS THROUGH ROOF (VTR) SHALL BE LOCATED A MINIMUM OF 10'-0"FROM ANY MECHANICAL OR NATURAL AIR INTAKE.

GENERAL PLUMBING FIXTURE NOTES

1. ALL WORK SHALL CONFORM TO INTERNATIONAL PLUMBING CODE
2. PROVIDE TRAP PRIMERS ON ALL FLOOR DRAINS.
3. PROVIDE ACCESS PANELS IN WALLS FOR ALL CLEANOUTS.
4. SIZE WATER PIPING FOR EACH FIXTURE GROUP PER SCHEDULE.
5. PROVIDE BALL VALVES AT ALL FIXTURE GROUPS TO ISOLATE WATER SUPPLIES.
6. PROVIDE AIR CHAMBERS ON HOT & COLD WATER AT EACH FIXTURE GROUP.
7. SIZE SEWER AND VENT PIPING PER PLUMBING FIXTURE TABLES.
8. MINIMUM VENT THRU ROOF SHALL BE 2"
9. PROVIDE 3/4" COLD WATER TO EACH ICE MACHINE, COFFEE MACHINE, AND DRINK MACHINES WITH WALL BOX AND SHUT OFF VALVE.
10. MINIMUM WATER PIPING SIZE TO SHOWER SHALL BE 1-1/4".
11. MINIMUM WATER PIPING SHALL BE 3/4".
12. MINIMUM SEWER FOR WATER CLOSET GROUP SHALL BE 4".
13. MINIMUM VENT FOR WATER CLOSET GROUP SHALL BE 3".

PLUMBING FIXTURE SCHEDULE

MARK	DESCRIPTION	TYPE	ROUGH - IN - SIZE				NOTES
			WASTE	VENT	COLD	HOT	
WC	WATER CLOSET	VALVE	4"	3"	1-1/2"	-	3
LAV	LAVATORY	WALL HUNG	2"	2"	3/4"	3/4"	1,2,3
FD	FLOOR DRAIN	-	3"	2"	-	-	4
FS	FLOOR SINK	-	3"	2"	-	-	1
HS	HAND SINK	-	3"	2"	3/4"	3/4"	1,2,3
MS	MOP SINK	-	3"	2"	3/4"	3/4"	-
WH	WATER HEATER	-	3/4"	2"	3/4"	3/4"	-
AHU	AIR HANDLER DRAIN	-	3/4"	2"	-	-	-

NOTES:
1. INSULATE PIPING FOR HANDICAP FIXTURE.
2. PROVIDE CHAIR CARRIER FOR WALL HUNG FIXTURE.
3. HANDICAP FIXTURE
4. INSTALL CONTINUOUS DRIP VALVE ON ALL FLOOR DRAINS.
5. PROVIDE ASSE 1016 COMPLIANT VALVE

ALL SANITARY SEWER ARE DIAGRAMMATICALLY DRAWN FOR CLARITY.

SYMBOLS & ABBREVIATIONS

CO	LINE CLEAN OUT
VTR	VENT THRU ROOF
———	VENTILATION LINE
———	SEWAGE LINE

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SHEET TITLE:
PLUMBING PLAN AND RISER

DRAWING NUMBER:
P101

SPLIT SYSTEM HEAT PUMP SCHEDULE _ AHU-1																
AIR HANDLER										HEAT PUMP			SINGLE POINT POWER SUPPLY			REMARKS
TAG	TRANE MODEL NO.	TOTAL CFM	OA CFM	Motor HP	ESP (" WC)	HEAT KW	POWER VAC	POWER PH	POWER MCA	TAG	TRANE MODEL NO.	NOMINAL TONS	VAC	PH	MCA	
AHU-1	TEM83A0B18	450	90	1/3	0.5	3.6	208	1	23	HP-1	4TWV8024	2	208	1	17	1, 2, 3, 4

NOTES:

1. Provide single point power connection, expansion valve, crankcase heat, time delay relay, condensate overflow switch & programmable 7/24 thermostat with lockable cover.
2. Cooling capacities to be rated in accordance with AHRI standard 210/290 for ASHRAE standard design weather conditions in New Orleans, LA.
3. Install units in accordance with manufacturer's recommendations.
4. Provide new filters after commissioning and final acceptance.

Exhaust Fan Schedule								
Tag	Fan Airflow (CFM)	Fan TSP (" wc)	Power Volts	Power Phase	Power Hz	Power Amps	Make / Model	Remarks
EF-1	60	0.2	120	1	60	0.2	Broan BE6	1, 2

1. Install w/ matching grille per Manufacturer's recommendations.
2. Interlock with light switch.

MECHANICAL LEGEND

SUPPLY AIR GRILLE

WALL LOUVER

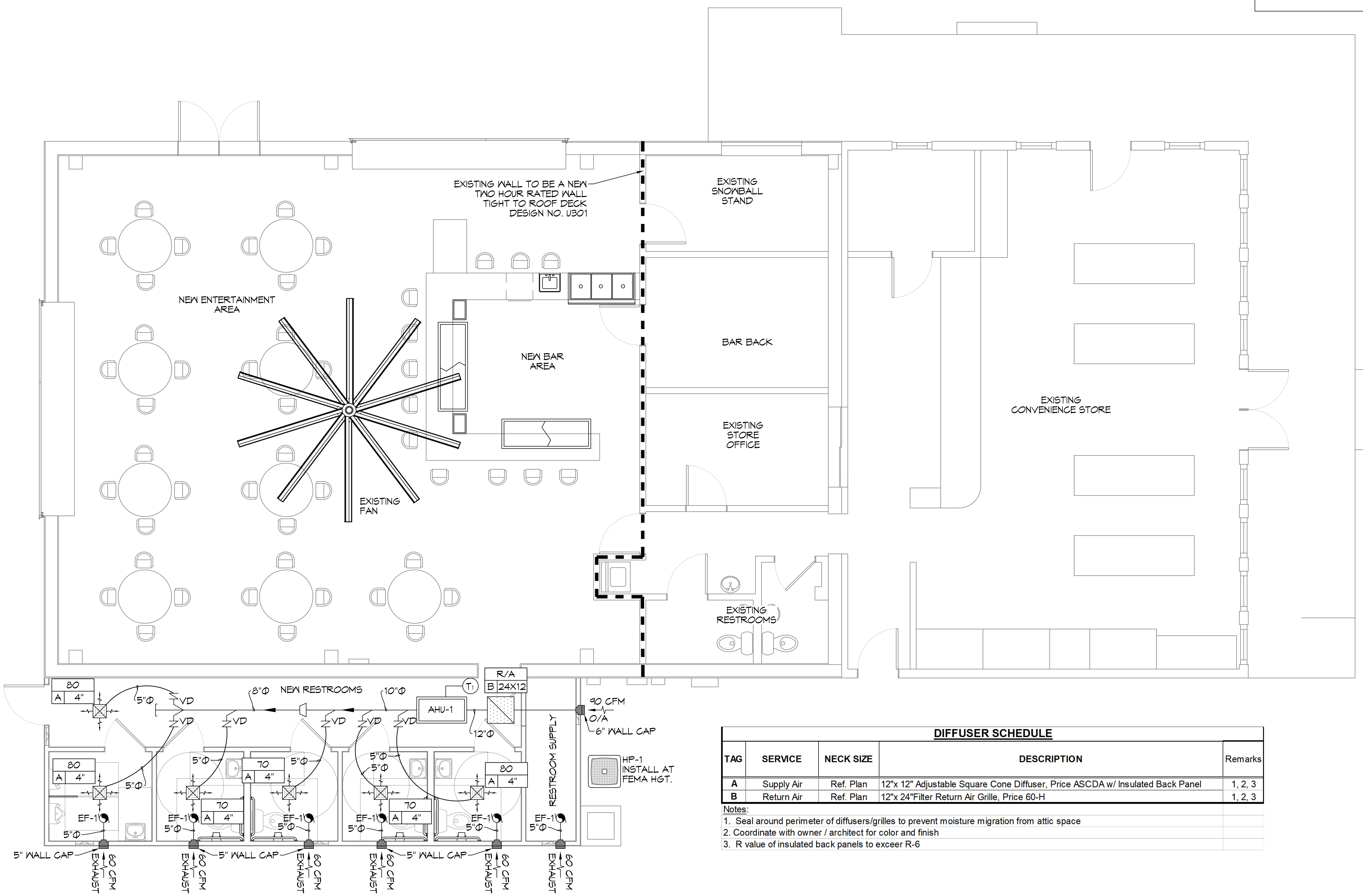
EXHAUST FAN

RETURN AIR GRILLE

MECHANICAL NOTES

1. MECHANICAL SUBCONTRACTOR TO INSTALL HVAC SYSTEM, ACCORDING TO NATIONAL, STATE AND CITY CODE.
2. MECHANICAL SUBCONTRACTOR TO VERIFY HVAC DESIGN LOADS.
3. OWNER TO SELECT PLUMBING FIXTURES WITH CONTRACTOR.
4. DRAWINGS OF SYSTEM ARE SCHEMATIC AND SHOULD BE CONFIRMED BY SUBCONTRACTOR.
5. DUCTS AS SHOWN 26 GAUGE 6.1 INSULATE W/ 2" FIBERGLASS INSULATION. * MIN. DUCT SIZE 8" DIAMETER * MIN. DIFF. SIZE 10" DIAMETER WITH AIR VOLUME REG.
6. PLACE DAMPER CONTROLS IN ALL DUCT RUNS.
7. THERMOSTAT MIN. HONEYWELL. - WALL MOUNTED
8. MIN. CLEARANCE AT UNIT TO BE 4'-0".
9. PROVIDE 3/4" PLYWOOD, 24" MIN. WIDE CATWALK TO ALL MECHANICALS IN ATTIC. CATWALK - GREATER THAN 20' NEED 6' HEADROOM - MAX. 50' LENGTH. MAINTAIN PROPER CLEARANCE AT UNITS SERVICE AREA
10. CLEARANCE OF ALL HEAT PRODUCING APPLIANCES TO BE GREATER THAN 18" ABOVE OR 6" TO THE SIDE.
11. SEC. R315: CARBON MONOXIDE ALARMS - REQUIRED IN THE SMOKE ALARMS
12. A/C DRAIN TO 1-1/2" P-TRAP
13. PROVIDE 30" MIN. WIDE WORKING PLATFORM TO ACCESS SIDE OF HVAC. ATTIC DECKED WORK AREA MIN. 30" X 30".
14. HVL'S, VL'S, HV'S & GAS RANGE HOODS MUST VENT OUTSIDE. BATHROOM EXHAUST VENTS TO THE OUTSIDE OR PROVIDE MINIMUM 1.5 SQUARE FEET OPENABLE AREA. 15 DRYER MUST BE VENTED TO THE EXTERIOR OF THE RESIDENCE, IN COMPLIANCE WITH THE MECHANICAL CODE. DRYER VENT, LENGTH (MAX. LENGTH 25', - 5' FOR 90 DEGREE TURN, - 2.5' FOR 45 DEGREE TURN OR PER MANUFACTURER) AND DISCHARGE LOCATION.

ALL HVAC DIAGRAMMATICALLY DRAWN FOR CLARITY.



DIFFUSER SCHEDULE				
TAG	SERVICE	NECK SIZE	DESCRIPTION	Remarks
A	Supply Air	Ref. Plan	12"x 12" Adjustable Square Cone Diffuser, Price ASCDA w/ Insulated Back Panel	1, 2, 3
B	Return Air	Ref. Plan	12"x 24"Filter Return Air Grille, Price 60-H	1, 2, 3

Notes:

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

12 MECHANICAL PLAN
SCALE: 1/4" = 1'-0"

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#	DESCRIPTION	DATE

SEAL:

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

RESTROOM AND ENTERTAINMENT AREA

FOGGY WATERS MARINA

58047 LA-433
BAYOU LIBERTY ROAD
SLIDELL, LA 70460

JOB No:	2026	DATE:	3-24-26
DRAWN BY:	CKD	CHECKED BY:	BAM

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SHEET TITLE:
MECHANICAL & PLUMBING PLAN

DRAWING NUMBER:

M101

GENERAL POWER NOTES

1. ALL ELECTRICAL SHALL BE INSTALLED PER THE 2020 NATIONAL ELECTRICAL CODE.
2. MAIN FEED INTO HOUSE TO BE TRENCHED UNDERGROUND FROM SUPPLY POLE TO METER THEN MAIN DISCONNECT OUTSIDE.
3. ALL SMOKE DETECTORS TO BE ELECTRIC POWERED WITH BATTERY BACKUP AND WIRED TO SET ALL ALARMS OFF IF ONE IS TRIPPED.
4. ALL EXTERIOR, KITCHEN, AND BATH OUTLETS TO BE GROUND FAULT CIRCUIT INTERRUPT EQUIPPED AND ON A SEPARATE CIRCUIT.
5. ELECTRICAL DISCONNECTS ARE TO BE AT A/C UNIT, CONDENSING UNIT, AND WATER HEATER.
6. HEAT VENT LIGHTS ARE TO BE ON A SEPARATE CIRCUIT.
7. OUTLETS, INCLUDING PHONE AND CABLE, MAY BE ADDED OR CHANGED UPON OWNERS REQUEST.
8. ELECTRICAL CONTRACTOR TO VERIFY EQUIPMENT TYPE AND SIZE.
9. INSTALL LIGHTS IN ATTIC SPACE W/ SWITCH AT FOOT OF DISP. STAIRS
10. ELECTRICAL SERVICE TO BE A 42 CIRCUIT 200 AMP MAIN LOCATED IN THE HOUSE.
11. A SUB-PANEL MAY NEED TO BE ADDED FOR ENOUGH CIRCUITS.
12. HOUSE TO BE WIRED FOR A SECURITY SYSTEM.
13. ALL KITCHEN OUTLETS ARE TO BE GFI EXCEPT APPLIANCE OUTLETS NOT EASILY ACCESSIBLE.
14. ARC FAULT BREAKERS ARE TO BE USED IN ALL BEDROOMS.
15. IF GAS FIRED APPLIANCES ARE USED IN HOME, CARBON MONOXIDE ALARMS ARE NEEDED (IRC R315).

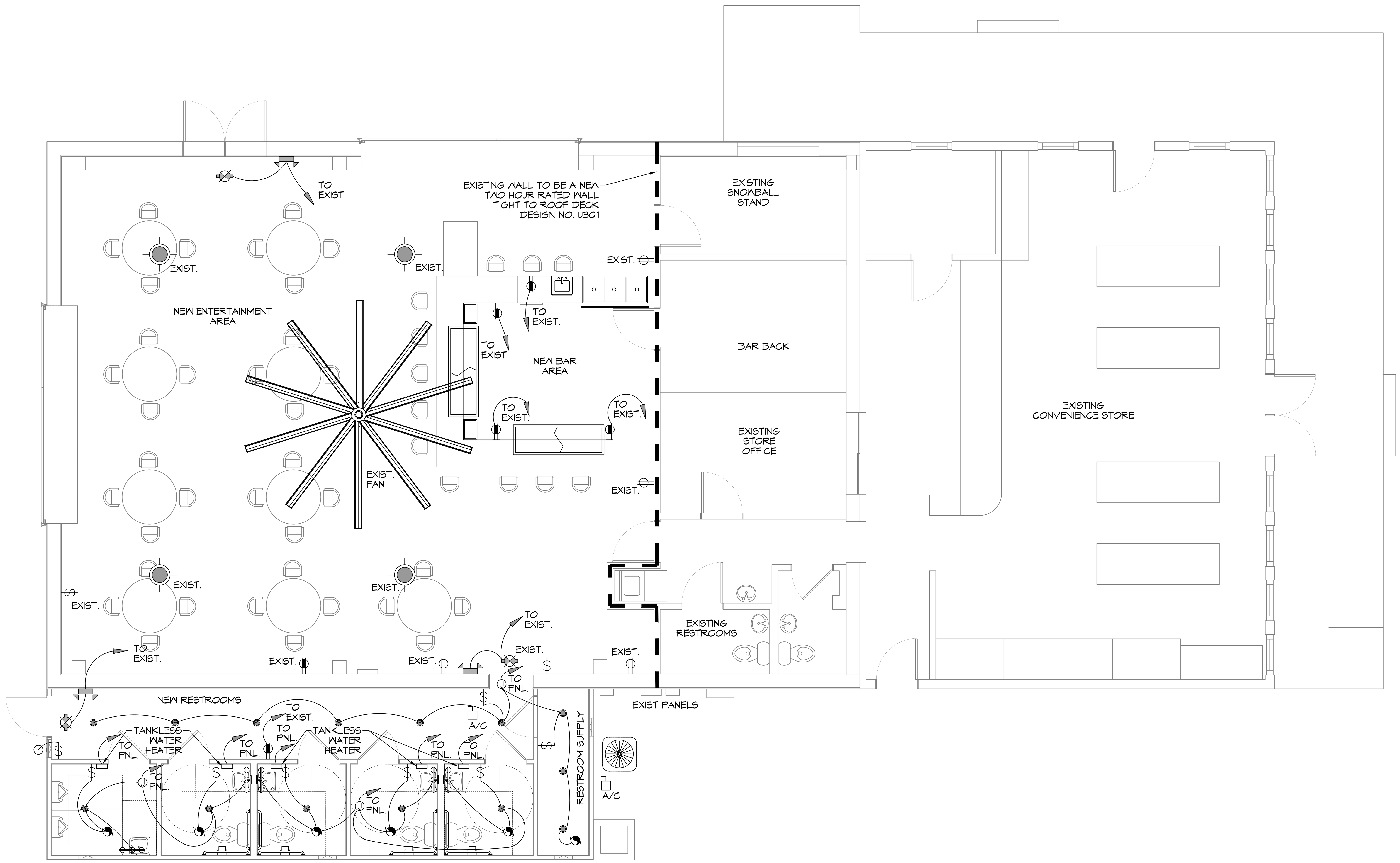
LIGHTING LEGEND

CEILING FIXTURE
BATHROOM FIXTURE
ONE WAY SWITCH
EXHAUST FAN
EXTERIOR SCONCE LIGHT

POWER LEGEND

DUPLEX RECEPTACLE
GFI DUPLEX RECEPTACLE
DISCONNECT

ALL ELECTRICAL DRAWINGS ARE DIAGRAMMATICALLY DRAWN FOR CLARITY.



13 ELECTRICAL POWER AND LIGHTING PLAN
SCALE: 1/4" = 1'-0"

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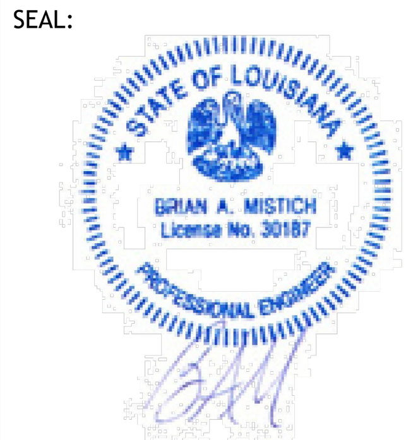
#	DESCRIPTION	DATE

REVISIONS

SEAL:



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RESTROOM AND ENTERTAINMENT AREA

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JOB No: 2026	DATE: 3-24-26
DRAWN BY: CKD	CHECKED BY: BAM

SHEET TITLE:
ELECTRICAL LIGHTING & POWER PLAN

DRAWING NUMBER:

E101