

LIFE-SAFETY INFORMATION	
APPLICABLE CODES NFPA 101 LIFE-SAFETY CODE 2012	
OCCUPANCY TYPE(S) AND CHAPTER(S) INDUSTRIAL SPECIAL PURPOSE (CHAPTER 40)	
MULTIPLE, MIXED, OR SEPARATED OCCUPANCY (REFERENCE CHAPTER 6.1.14) N/A	
OCCUPANT LOAD FACTOR (REFERENCE TABLE 7.3.1.2)	
INDUSTRIAL 560 SF 100 SF PER OCCUPANT =	5 OCCUPANTS
CLASSIFICATION OF HAZARD OF CONTENTS (REFERENCE: OCCUPANCY CHAPTER AND 6.2.2: SPECIFY LOW, ORDINARY, OR HIGH) ORDINARY HAZARD	
CONSTRUCTION TYPE(S) (REFERENCE: CHAPTER 6, TABLE A.8.2.1.2 AND COMMENTARY TABLE 6.1 IN HANDBOOK) II (000)	
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 =	
MAXIMUM COMMON PATH OF TRAVEL DISTANCE (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6) INDUSTRIAL = 50 FT	
MAXIMUM DEAD-END CORRIDOR DISTANCE (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6) INDUSTRIAL = 50 FT	
MAXIMUM TRAVEL DISTANCE TO EXITS (REFERENCE: OCCUPANCY CHAPTER AND TABLE A.7.6) INDUSTRIAL = 300 FT	
EXTINGUISHMENT REQUIREMENTS NOT SPRINKLED (NOT REQUIRED)	
DETECTION, ALARM, AND COMMUNICATION SYSTEMS NOT REQUIRED; BUILDING OCCUPANT LOAD < 100 OCCUPANTS, LESS THAN 25 OCCUPANTS ABOVE LEVEL OF DISCHARGE	
ALLOWABLE HEIGHT AND BUILDING AREA PER IBC EQUIVALENT CONSTRUCTION TYPE	

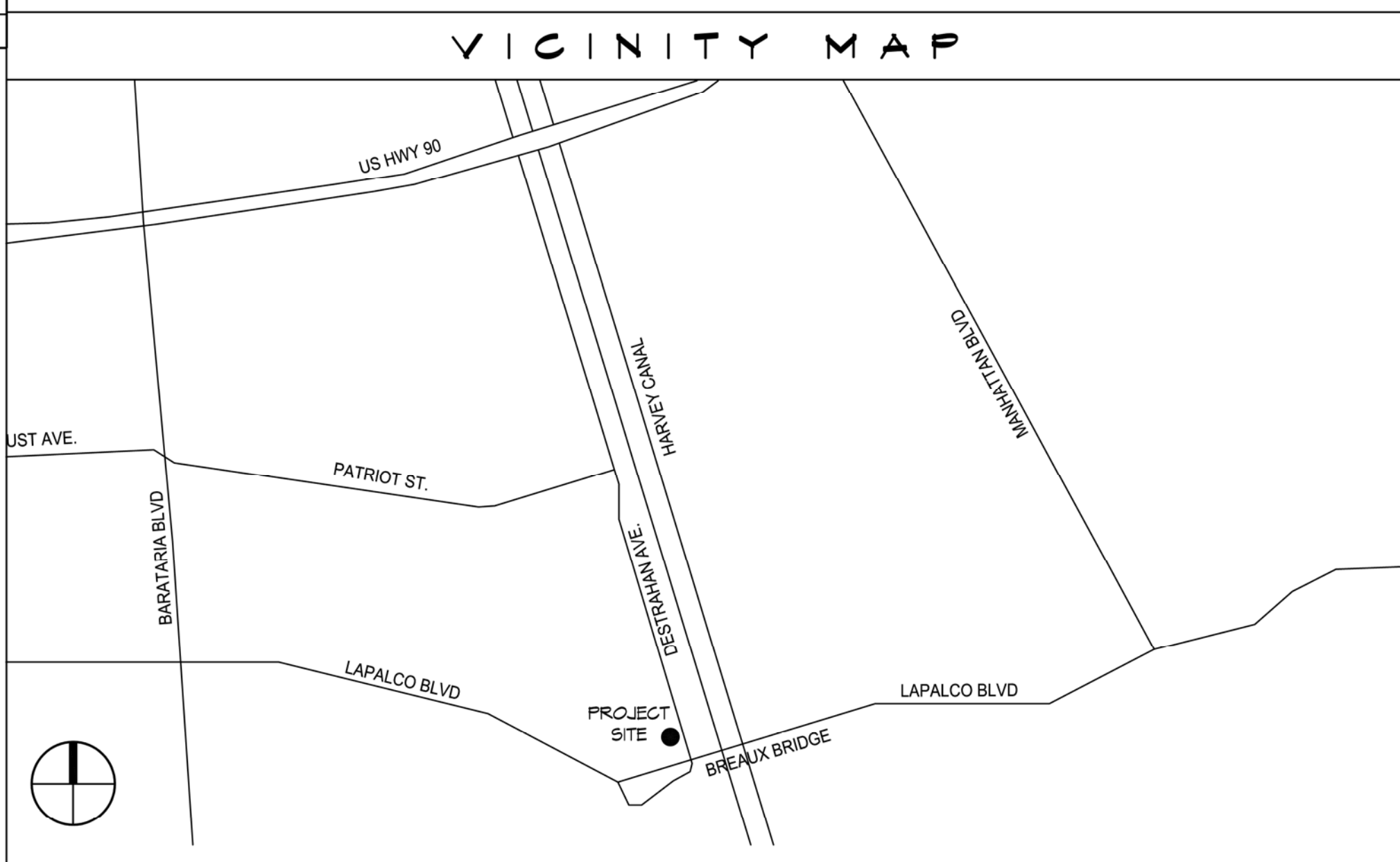
BLUELINE RENTALS

NEW WASH RACK BLDG

BUILDING CODE INFORMATION	
APPLICABLE CODES: IBC 2012 CHAPTER 3: USE AND OCCUPANCY CLASSIFICATION	
BUSINESS GROUP B	CAR WASH
OCCUPANT LOAD CALCULATIONS (TABLE 1004.1.2)	
BUSINESS 100 SF PER OCCUPANT (GROSS)	560 S.F. 5 OCCUPANTS
CONSTRUCTION TYPE(S) (TABLE 503)	
IB (SECTION 503)	
ALLOWABLE HEIGHT AND BUILDING AREA LIMITED BY TYPE OF CONSTRUCTION	
GROUP B	MAXIMUM HEIGHT IN STORIES 3 MAXIMUM AREA 29,000

WIND SPEED DESIGN REQUIREMENTS	
THIS BUILDING SHALL BE DESIGNED WITH IBC SEC 1609 AS A PARTIALLY 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:	
√ ULTIMATE WIND SPEED (3 SECOND GUST) *	130 MPH (IBC FIG 1609C)
√ NOMINAL WIND SPEED (1609.3.1)	101 MPH
RISK FACTOR:	CATEGORY I BLDG SURFACE ROUGHNESS = C
TOPOGRAPHIC FACTOR = 1	EXPOSURE = C
DESIGN WIND PRESSURE (ASCE 7-10 TABLE 26.6-1):	45.7 PSF
INTERNAL PRESSURE COEFFICIENT (ASCE 7-10 TABLE 26.11-1):	± 0.18
LIVE LOADS (IBC SEC 1607)	
STORAGE WAREHOUSE	250 PSF
ROOF LIVE LOADS (IBC TABLE 1607.1):	20 PSF & 300 LB CONCENTRATED
SNOW LOADS (IBC TABLE 1608):	
GROUND SNOW LOAD (IBC FIG 1608.2):	5 PSF

FLOOD ZONE INFORMATION	
F.I.R.M. COMMUNITY MAP NO 22051C 0195 E; REVISED 3/23/1995	
FLOOD ZONE: AE	BASE FLOOD ELEVATION 1.0 NGVD
ELEVATIONS REFER TO NGVD 1929 DATUM	



SHEET INDEX		
SHEET #	SHEET TITLE	RESPONSIBILITY
G001	GENERAL INFORMATION SHEET	ARCHITECT
C101	SITE PLAN	ENGINEER
S101	FOUNDATION PLAN	ENGINEER
A101	FLOOR PLAN AND ELEVATION	ARCHITECT
E101	ELECTRICAL PLAN	ENGINEER
P101	PLUMBING PLAN	ENGINEER

PROJECT STATISTICS	
SQUARE FOOTAGE	560 S.F.
PROJECT LOCATION: 2450 DESTREHAN AVENUE HARVEY, LOUISIANA 70058	
OWNER: BLUELINE RENTALS 8401 NEW TRAILS DRIVE, SUITE 150 THE WOODLANDS, TX 77380	
CONTACT: BILL HOFFFAJIR (504) 419-5642	

DAMMON ENGINEERING, INC.
www.dammonengineering.com
info@dammonengineering.com
PH: 985.649.5832

554 Old Spanish Trail, Suite 111, Slidell, LA 70458
(885) 619-5812

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

REVISIONS	DATE
# DESCRIPTION	



WASH RACK BLUELINE RENTALS

2450 DESTREHAN AVENUE
HARVEY, LOUISIANA 70058
JOB No: 2219
DATE: 19 APRIL 2016
DRAWN BY: DD
CHECKED BY: CKD

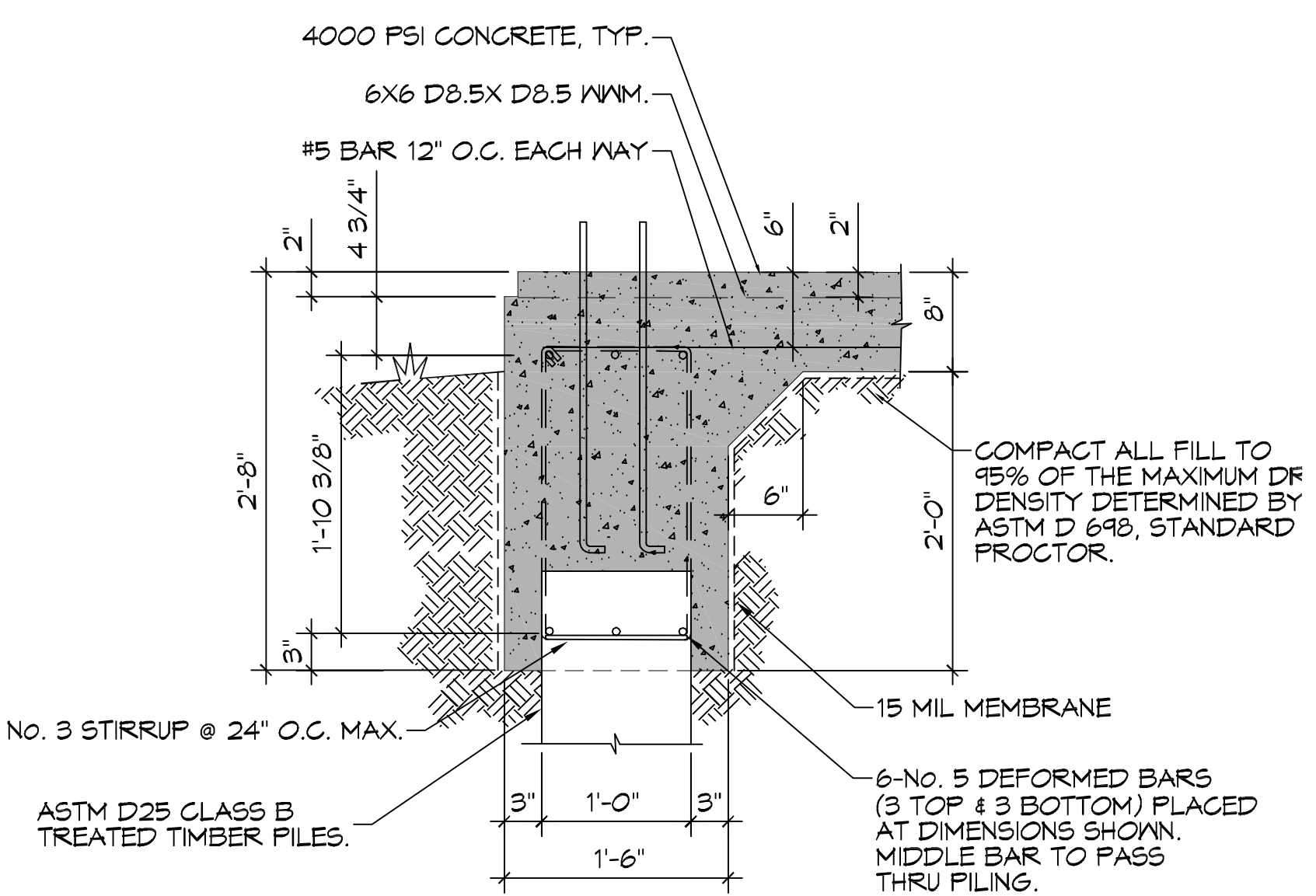
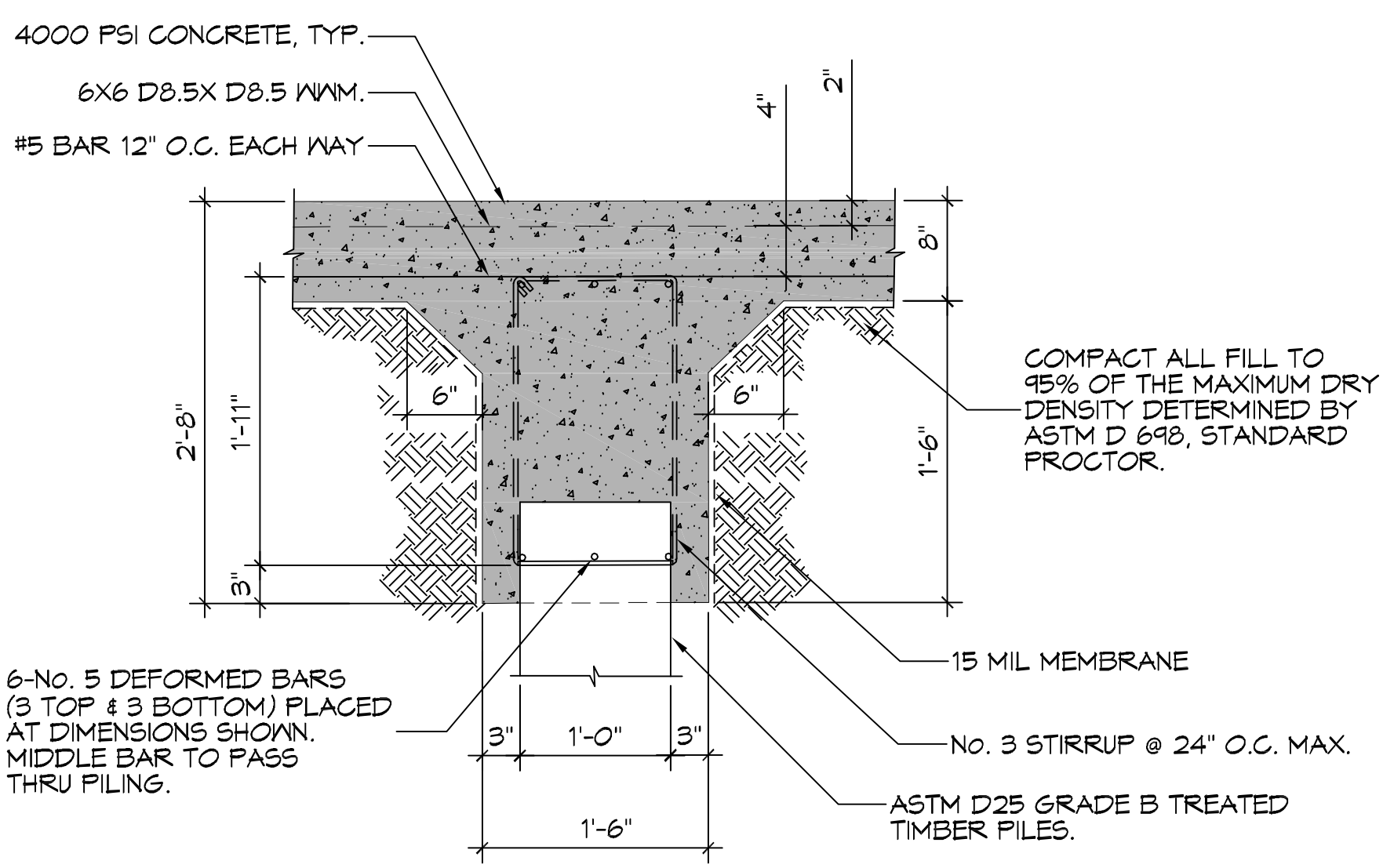
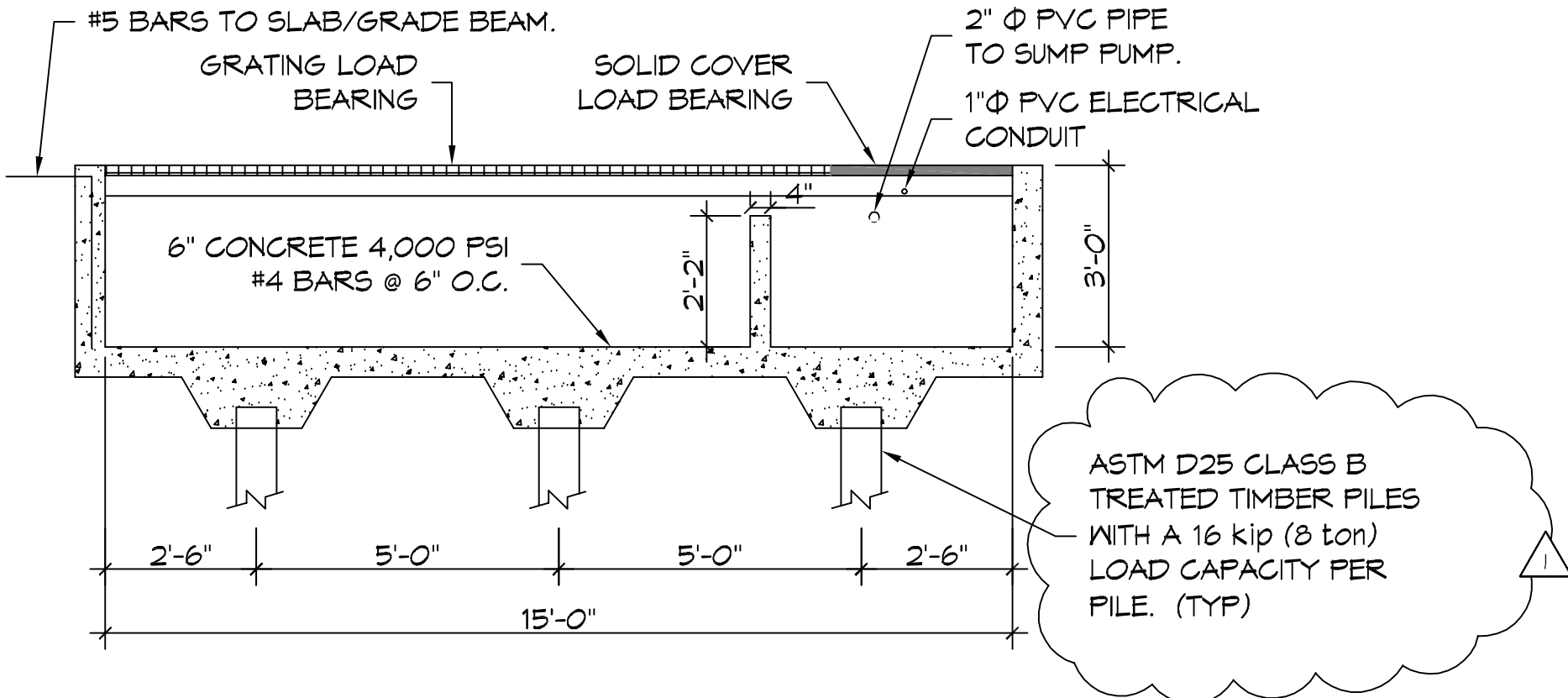
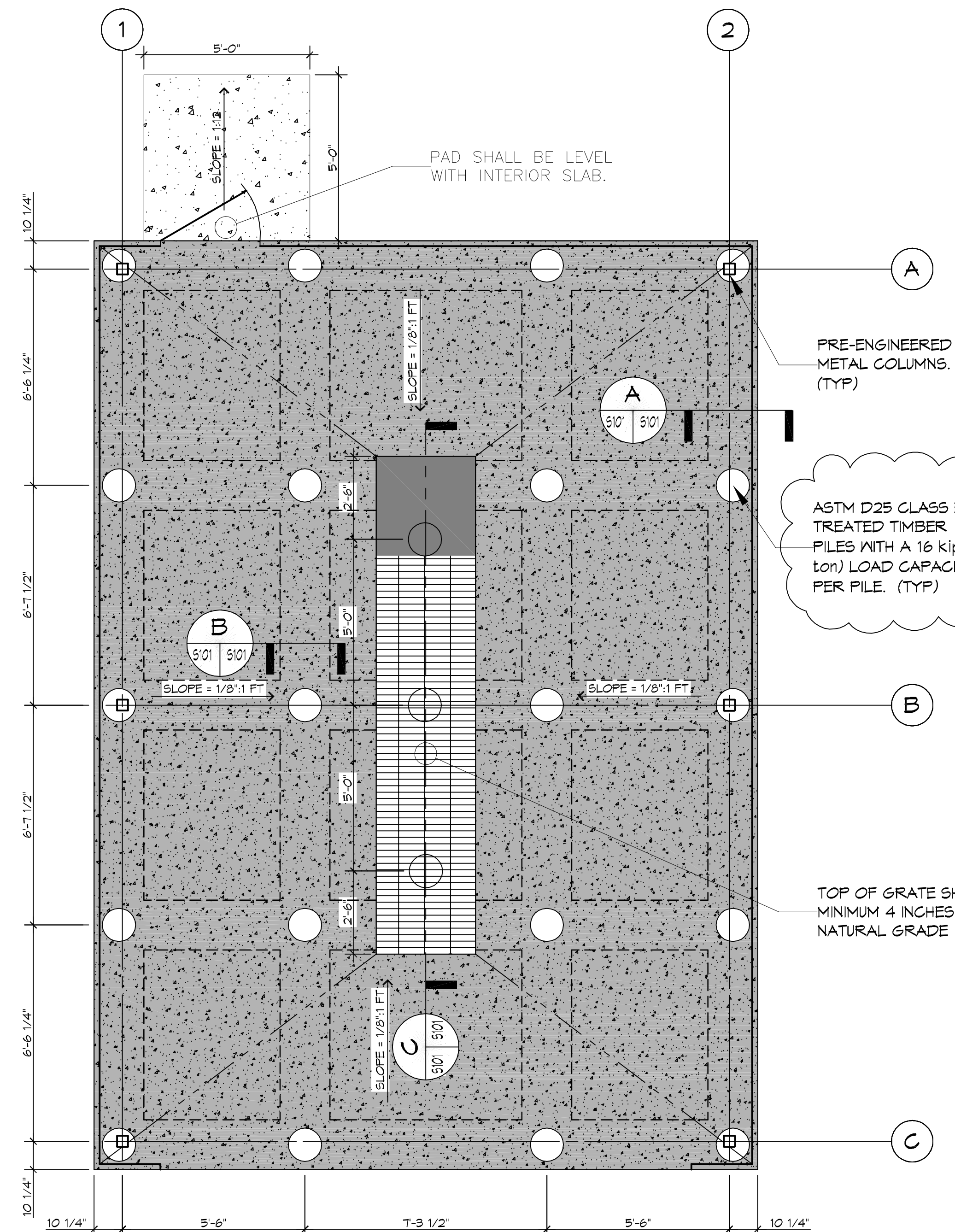
SHEET TITLE:
GENERAL INFORMATION SHEET

DRAWING NUMBER:
G001

SHEET No: 1 of 6

THESE PLANS HAVE BEEN PREPARED BY ME OR UNDER MY SUPERVISION AND TO THE BEST OF MY KNOWLEDGE COMPLY WITH ALL LOCAL, STATE AND FEDERAL REQUIREMENTS

FILE NAME: S:\Projects\2016\16052 - Blue Line Rack, Bldg\Drawings\Struct\16052-01-101-1.dwg PLOT DATE: 5/26/2016 10:41:14 AM
 PLOT BY: JMM



PILING NOTES

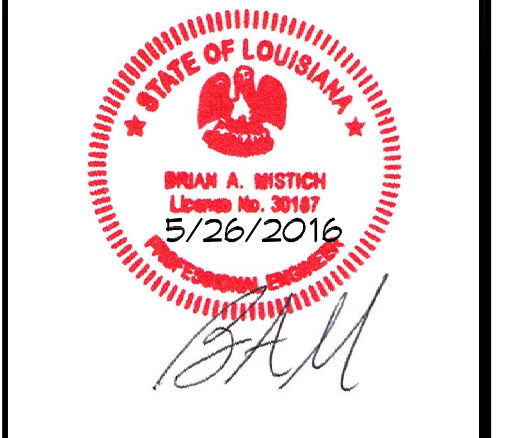
1. PILES SHALL BE 40' MINIMUM LENGTH, CLASS B TREATED TIMBER PILES. PILES SHALL HAVE A 8-INCH TIP AND 12 INCH BUTT.
2. ALL PILES TO BE EMBEDDED 40 FT. MINIMUM INTO NATURAL SOIL TO PROVIDE A LOAD CAPACITY OF 16 kips (8 tons) PER PILE.
3. NO FIELD SUPERVISION OR INSPECTION PROVIDED UNDER THIS SEAL UNLESS OTHERWISE NOTED.
4. PILE LAYOUT MAY BE MODIFIED DUE TO ACTUAL DRIVING CONDITIONS. ENGINEER SHALL BE NOTIFIED OF ANY MODIFICATION.
5. A PILE BLOW COUNT LOG OF ALL PILES SHALL BE SUBMITTED TO THE ENGINEER OF RECORD. FAILURE TO SUBMIT SAID LOG WILL RELEASE THE ENGINEER OF ALL RESPONSIBILITY.
6. 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.

GENERAL FOUNDATION NOTES

1. ALL DIMENSIONS ARE EDGE OF CONCRETE (EOC) TO EDGE OF CONCRETE (EOC) UNLESS NOTED OTHERWISE.
2. VERIFY ALL PLUMBING AND ELECTRICAL ROUGH-IN LOCATIONS.
3. CONCRETE MIX SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS. CONCRETE MIX SHALL BE IN ACCORDANCE WITH ACI-318.
4. ALL CONVENTIONAL REINFORCING STEEL SHALL MEET ASTM-A615 (GRADE 60).
5. ONE LAYER OF POLYETHYLENE VAPOR BARRIER SHALL BE PLACED UNDER ALL CONCRETE. VAPOR RETARDER TO BE MINIMUM 10 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. OVERLAP VAPOR BARRIER EDGES BY 24 INCHES.
6. ALL REINFORCING STEEL AND MESH SHALL BE SECURELY SUPPORTED TO PREVENT BOTH VERTICAL AND HORIZONTAL MOVEMENT DURING CONCRETE PLACEMENT.
7. THE CONTRACTOR SHALL VERIFY ALL DROPS, OFFSETS, BRICK LEDGES, DIMENSIONS AND CONFIGURATIONS. CONTRACTOR MUST BE RESPONSIBLE FOR SAME.
8. GRADE BEAM DIMENSIONS MAY VARY BY -5%, +20%.
9. NEW SPREAD CONCRETE FOOTINGS AND CONTINUOUS FOOTINGS BEARING ON COMPACTED STRUCTURAL FILL SHALL BE AT LEAST 2 FEET BELOW FINISHED GRADE.

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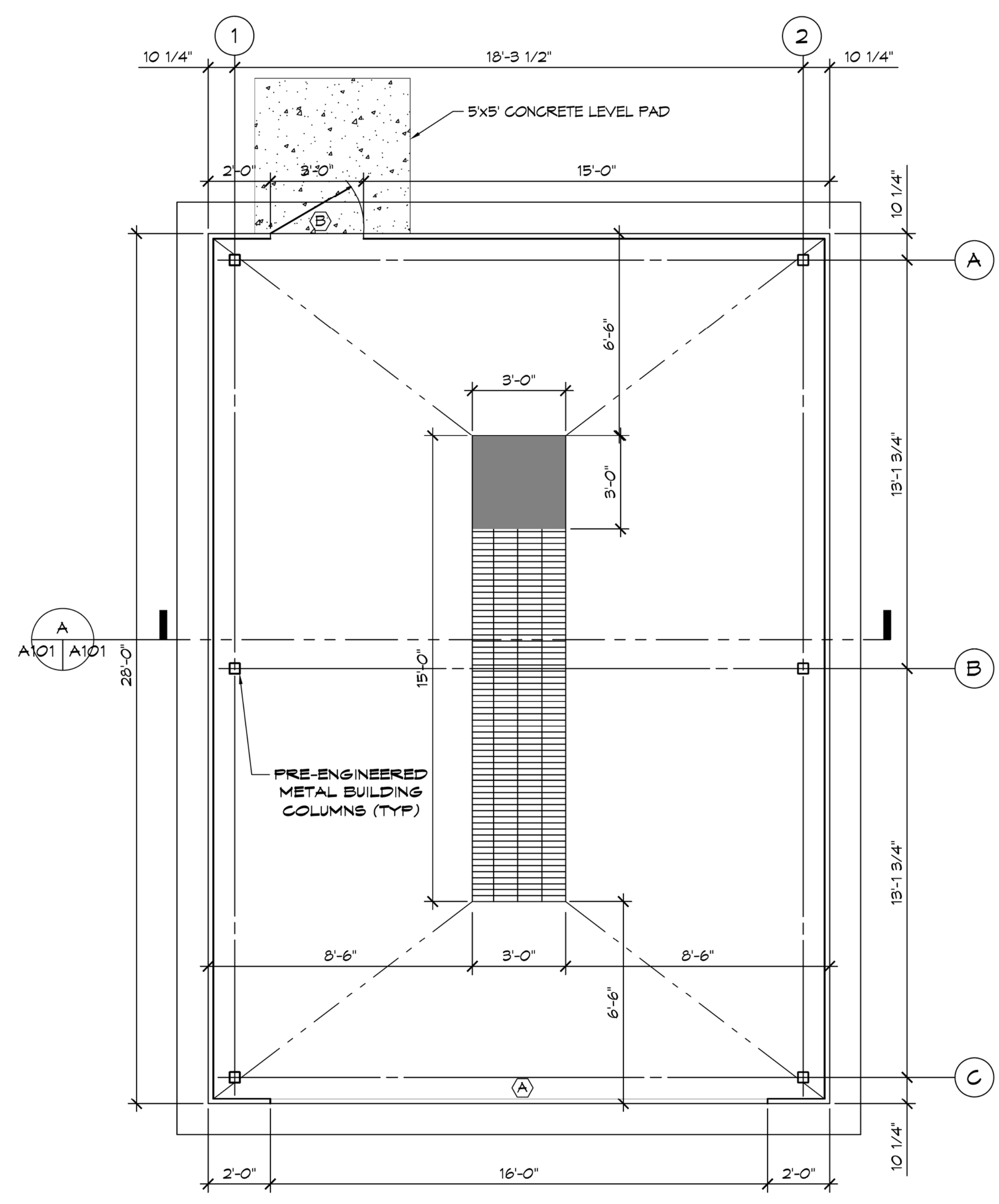
#	DESCRIPTION	DATE
1	REVISE PILING DATA	5/26/2016



WASH RACK
BLUELINE RENTALS
 2460 DESTREHAN AVENUE
 HARVEY, LOUISIANA 70059
 JOB NO: 16052
 DATE: 13 APRIL 2016
 DRAWN BY: DPPD
 CHECKED BY: BAW

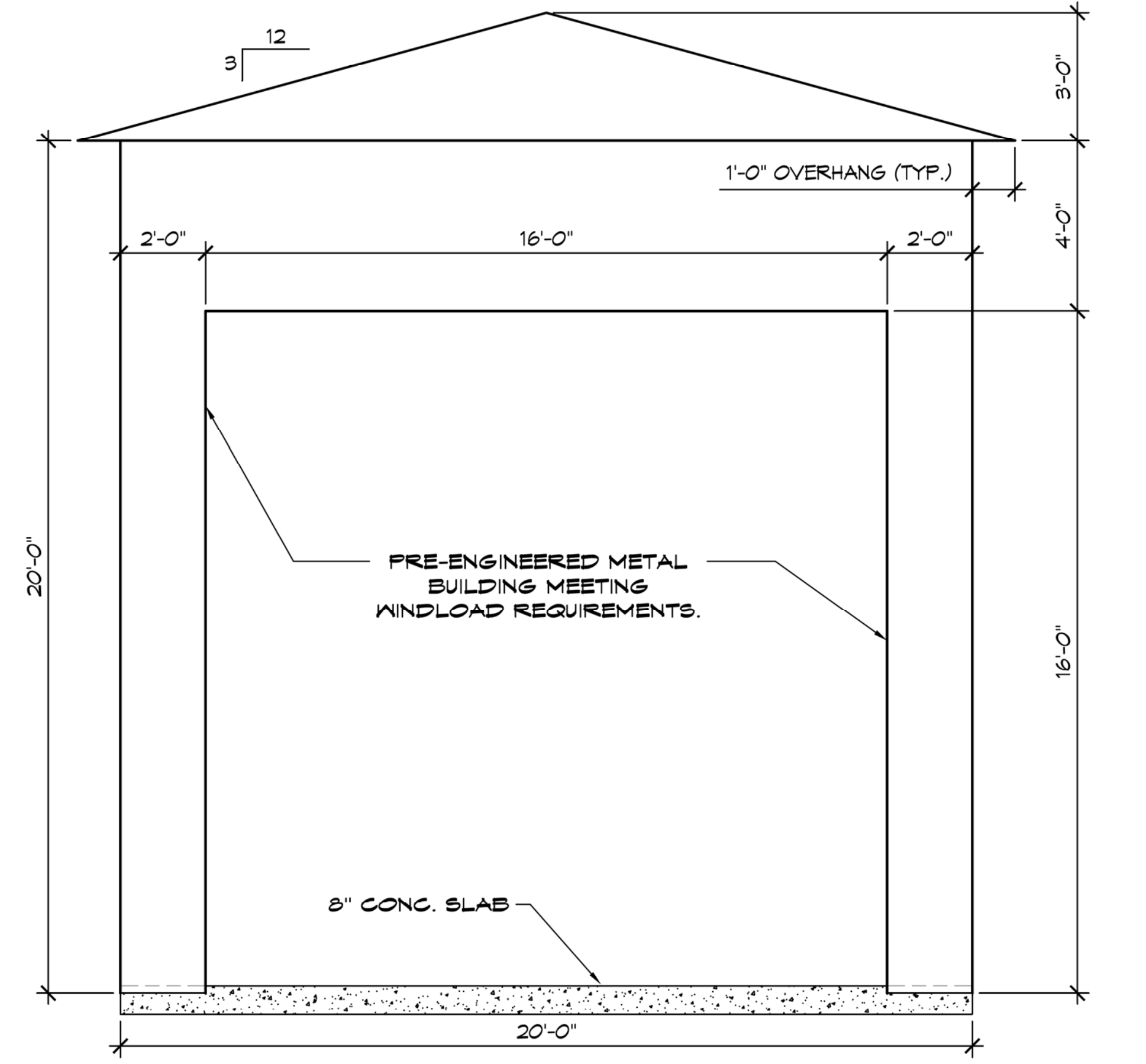
SHEET TITLE:
STRUCTURAL PLAN
 DRAWING NUMBER:
S101
 SHEET No: 3 of 6

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 PLOT BY: Brian Mistich
 PLOT DEVICE: HP DesignJet T1200

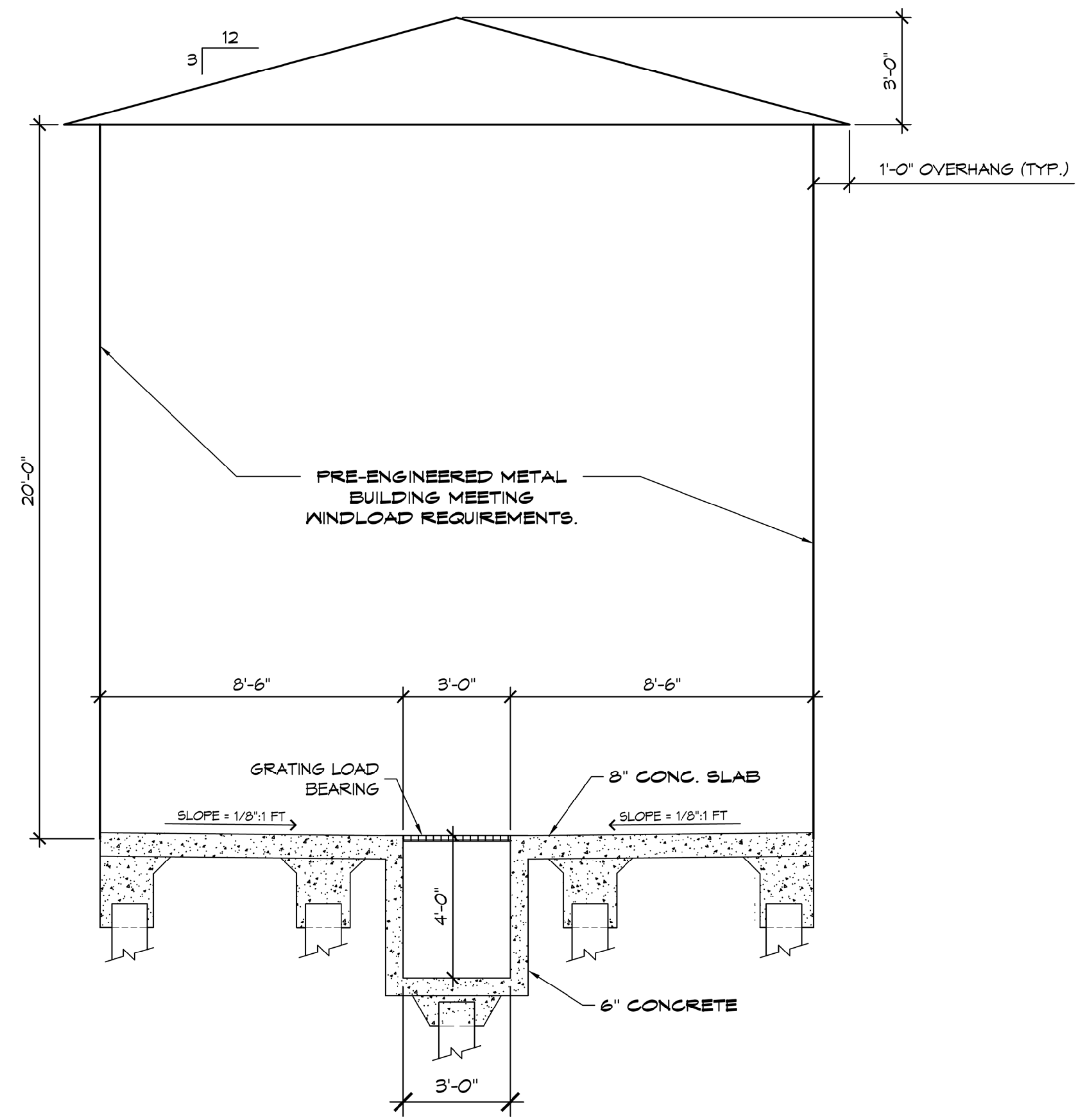


1 FLOOR PLAN
SCALE: 3/8" = 1'-0"

DOOR & HARDWARE SCHEDULE						
NO.	SIZE (WxH)	TYPE		FRAME	HINGE	REMARKS
		CASED OPENING	HOLLOW METAL	HOLLOW METAL	NONE BUTT	
(A)	16/0x16/0	●		●	●	
(B)	3/0x1/0	●		●	●	



2 BUILDING ELEVATION
SCALE: 3/8" = 1'-0"



A BUILDING SECTION
SCALE: 3/8" = 1'-0"

GENERAL NOTES

- CONTRACTOR SHALL INSURE ALL WORK IS IN CONFORMANCE WITH ALL APPLICABLE BUILDING CODES. WORK SHALL BE COMPLETED IN STRICT ACCORDANCE WITH THE LATEST EDITIONS OF NFPA 101, LIFE SAFETY CODE, AND THE INTERNATIONAL BUILDING CODE, LOUISIANA PLUMBING CODE, NATIONAL ELECTRIC CODE, AND ALL OTHER FEDERAL, STATE AND LOCAL AGENCY REGULATIONS HAVING JURISDICTION OVER THIS PROJECT. IN THE EVENT OF ANY DISCREPANCIES BETWEEN AGENCY REQUIREMENTS, THE CONTRACTOR SHALL OBSERVE THE MORE STRINGENT OF REQUIREMENTS.
- ALL WORK SHALL COMPLY WITH THE STANDARDS OF THE UNDERWRITERS LABORATORIES (UL), THE NATIONAL ELECTRIC CODE (NEC), THE AMERICAN SOCIETY OF HEATING & AIR CONDITIONING ENGINEERS (ASHRAE), OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA), APPLICABLE STATE AND CITY BUILDING CODES AND THE REQUIREMENTS OF ALL PUBLIC UTILITY COMPANIES SERVING THE PROJECT SITE.
- CONTRACTOR (AND HIS SUBCONTRACTORS) SHALL BE LICENSED BY THE STATE AND MUNICIPALITY IN WHICH THE PROJECT IS LOCATED AND APPROVED IN ADVANCE BY THE OWNER.
- CONTRACTOR SHALL FILE ALL APPLICATIONS, PAY FOR ALL NECESSARY PERMITS AND SECURE CERTIFICATES OF OCCUPANCY FOR THE PROJECT.
- ALL WORK IS TO BE COORDINATED WITH THE OWNER. THE CONTRACTOR IS TO MEET WITH THE OWNER PRIOR TO STARTING CONSTRUCTION. THE CONTRACTOR WILL PRESENT THE BUILDING PERMIT AND INSURANCE CERTIFICATES TO THE OWNER PRIOR TO STARTING CONSTRUCTION.
- CONTRACTOR SHALL PROVIDE ANY NECESSARY MEASURES TO PROTECT THE WORKERS AND OTHER PERSONS DURING THE CONSTRUCTION.
- CHECK WITH THE OWNER FOR COORDINATION OF THE WORK UNDER THIS CONTRACT WITH WORK OF OTHER TRADES. OWNER'S REGULATIONS GOVERN ALL ASPECTS OF OUTSIDE CONTRACTORS WORKING ON THE PROPERTY.
- CONTRACTOR SHALL KEEP THE JOB FREE OF DEBRIS AND MAKE FINAL CLEANUP TO THE SATISFACTION OF THE OWNER. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF ALL CONSTRUCTION DEBRIS FROM PROJECT SITE AND SHALL PROVIDE DUMPSTERS ETC. AS REQUIRED. REMOVE ALL DEBRIS ON A DAILY BASIS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING BUILDINGS AND OTHER INSTALLATIONS THAT ARE TO REMAIN INTACT WHILE PERFORMING THE SPECIFIED WORK. PROVIDE AND MAINTAIN FIRE EXTINGUISHERS ON PROJECT SITE DURING CONSTRUCTION.
- UNLESS INDICATED OTHERWISE, ALL MATERIAL FURNISHED AND INCORPORATED INTO THE WORK SHALL BE NEW, UNUSED AND OF QUALITY STANDARD TO THE INDUSTRY FOR FIRST CLASS WORK OF SIMILAR NATURE AND CHARACTER. INSTALL ALL MATERIALS TO THE MANUFACTURER'S RECOMMENDATIONS AND BEST STANDARD OF THE TRADES INVOLVED.
- CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS IN FIELD PRIOR TO CONSTRUCTION. NOTIFY ARCHITECT OF ANY DISCREPANCIES ON DRAWINGS.
- CONTRACTOR SHALL VISIT THE SITE TO VERIFY EXISTING CONDITIONS, EXISTING CONCEALED CONDITIONS AND CONNECTIONS ARE BASED UPON INFORMATION TAKEN FROM LIMITED FIELD INVESTIGATIONS. CONTRACTOR SHALL MAKE REQUIRED ADJUSTMENTS TO SYSTEM COMPONENTS AS NECESSITATED BY ACTUAL FIELD CONDITIONS AT NO ADDITIONAL COST TO OWNER OR ARCHITECT. REPORT ANY DISCREPANCIES BETWEEN THE DRAWINGS AND ACTUAL FIELD CONDITIONS TO THE ARCHITECT BEFORE CONSTRUCTION BEGINS.
- UNLESS OTHERWISE INDICATED ALL INTERIOR FINISHES SHALL BE AS DIRECTED BY THE OWNER.
- CONTRACTOR TO OBTAIN AND PROVIDE OWNER WITH COLOR SAMPLES FOR PROPER COLOR SELECTION AND FINAL APPROVAL OF ALL FINISHES PRIOR TO INSTALLATION.
- CONTRACTOR & MEP CONTRACTOR SHALL VERIFY LOCATION OF ANY ROOF MOUNTED EQUIPMENT.

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#

DESCRIPTION

REVISIONS

DATE

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

SEAL:

WASH RACK

BLUELINE RENTALS

2460 DESTREHAN AVENUE
 HARVEY, LOUISIANA 70058
 JOB No: 2279 | DATE: 19 APRIL 2016
 DRAWN BY: DPPD | CHECKED BY:

SHEET TITLE:

FLOOR PLAN & ELEVATION

DRAWING NUMBER:

A101

SHEET No:

4 of 6

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. 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.
3. ALL CONDUCTORS SHALL BE COPPER.
4. WHERE CONDUCTOR SIZES ARE NOTED ON DRAWINGS, THAT WIRE SIZE SHALL BE THROUGH THE ENTIRE RUN UNLESS OTHERWISE NOTED.
5. MOUNTED LIGHT SWITCHES 48" AFF UNLESS NOTED OTHERWISE ON ARCHITECTURAL DRAWINGS.
6. WHERE MORE THAN ONE SWITCH OCCURS IN THE SAME LOCATION, THEY SHALL BE INSTALLED IN A GANG TYPE BOX UNDER ONE COVER PLATE. ALL GANGED SWITCHES SHALL HAVE A COMMON SEAMLESS FACEPLATE. EACH MULTI-GANGED BOX SHALL BE NO MORE THAN SIX (6) SWITCHES WIDE. WHERE MORE THAN SIX (6) SWITCHES ARE SHOWN AT ONE (1) LOCATION, ADDITIONAL MULTI-GANGED BOXES SHALL BE STACKED VERTICALLY AND THE WIDTH OF THE MULTI-GANGS SHALL BE AS EVEN AS POSSIBLE.
7. ALL EMERGENCY LIGHT FIXTURES SHALL HAVE 90 MINUTE BATTERY BACKUP WITH INTEGRAL TEST BUTTON AND SHALL BURN CONTINUOUSLY.
8. ALL FLUORESCENT FIXTURES THAT UTILIZE DOUBLE-ENDED LAMPS AND CONTAIN BALLASTS SHALL BE PROVIDED WITH A DISCONNECTING MEANS IN ACCORDANCE WITH NEC 410.136.
9. ALL EMERGENCY LIGHT FIXTURES SHALL HAVE 90 MINUTE BATTERY BACKUP WITH INTEGRAL TEST BUTTON AND SHALL BURN CONTINUOUSLY.
10. ALL FLUORESCENT FIXTURES THAT UTILIZE DOUBLE-ENDED LAMPS AND CONTAIN BALLASTS SHALL BE PROVIDED WITH A DISCONNECTING MEANS IN ACCORDANCE WITH NEC 410.136.
11. MINIMUM CONDUCTOR SIZE SHALL BE #12, 600V INSULATION. MINIMUM SIZE CONDUIT SHALL BE 3/4" ELECTRICAL METALLIC TUBING (EMT) FOR INTERIOR USE, 3/4" RIGID ALUMINUM FOR EXTERIOR USE ABOVE GRADE AND 1" SCHEDULE 40 PVC, BURIED A MINIMUM OF 18" FOR NON-VEHICULAR TRAFFIC AREAS. FOR CONDUITS BELOW GRADE, EMT SHALL BE USED WITH METAL STUD CONSTRUCTION. 6 FT LENGTH MC CABLE IS ALLOWED ABOVE DROPPED CEILING. INTERIOR FITTINGS SHALL BE CAST WHERE EXPOSED ON WALLS, AND EXTERIOR FITTINGS SHALL BE CAST BOXES WITH NEMA 3R COVER(S).

PANEL: P4 (NEW PANEL)
LOCATION: WASH RACK
FEEDER SOURCE: ENTERGY

VOLTAGE: 240/120V, 1Ø, 3W
ENCLOSURE: SURFACE MOUNTED NEMA 3R-200A LOADCENTER, 200A MB, 1ØK AIG, EQUIPMENT GND BAR

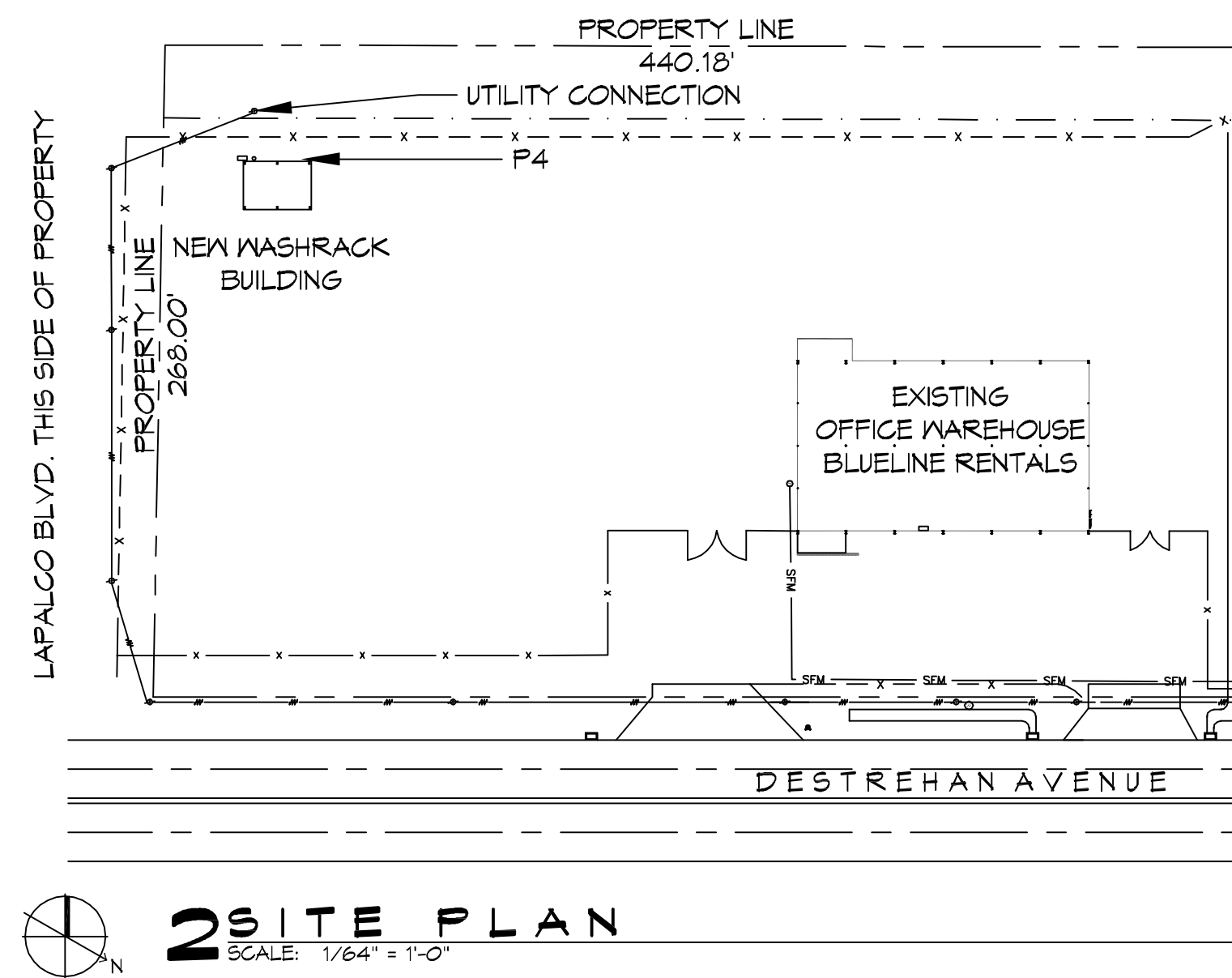
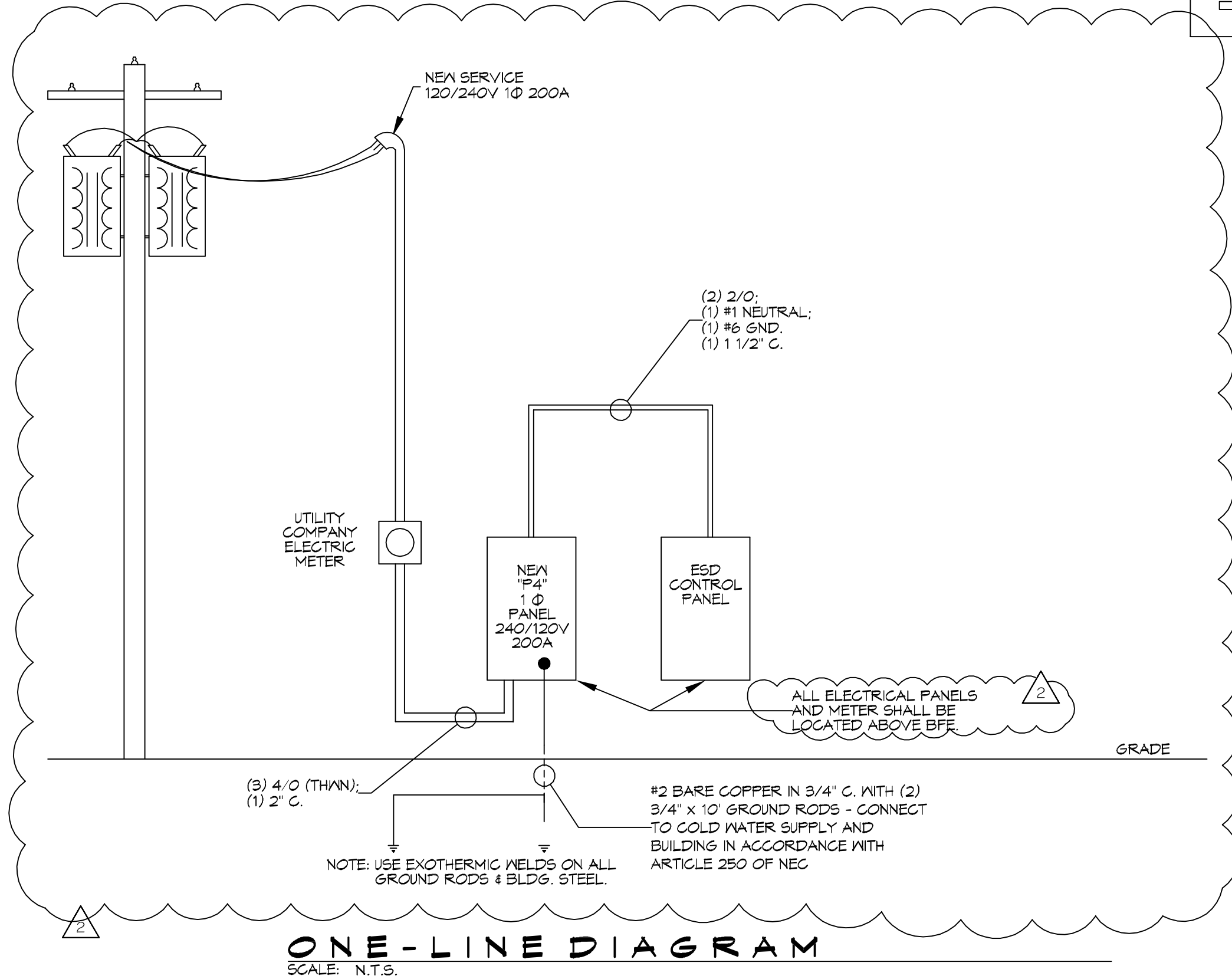
CCT. NO.	THIN WIRE SIZE	LOAD DESCRIPTION		BREAKER	LOAD (VA)	LOAD (VA)		BREAKER	LOAD DESCRIPTION		THIN WIRE SIZE	CCT. NO.
		LOCATION	AMP			POLE	POLE		AMP	LOCATION		
1	2Ø	ESD CONTROL PANEL	150	2	14,040					BLANK		2
3					14,040					BLANK		4
5	#12	LIGHTING	1	20	1,200					BLANK		6
7		SPARE	1	20						BLANK		8
9		BLANK								BLANK		10
11		BLANK								BLANK		12

TOTAL CONNECTED LOAD (VA) = 29,280
A2 = 15,240 B2 = 14,040

LEGEND:
— SOLID NEUTRAL
— NEUTRAL WIRE (N)
— GROUND BUS
— GROUND WIRE (G)

ELECTRICAL LEGEND

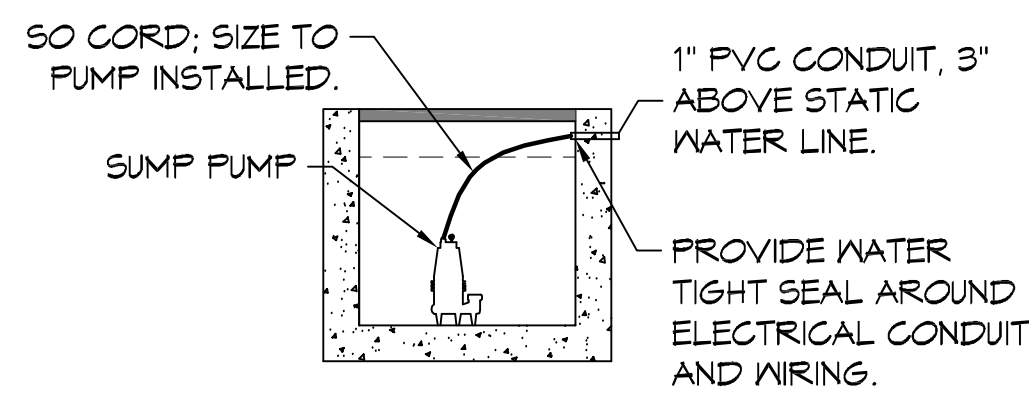
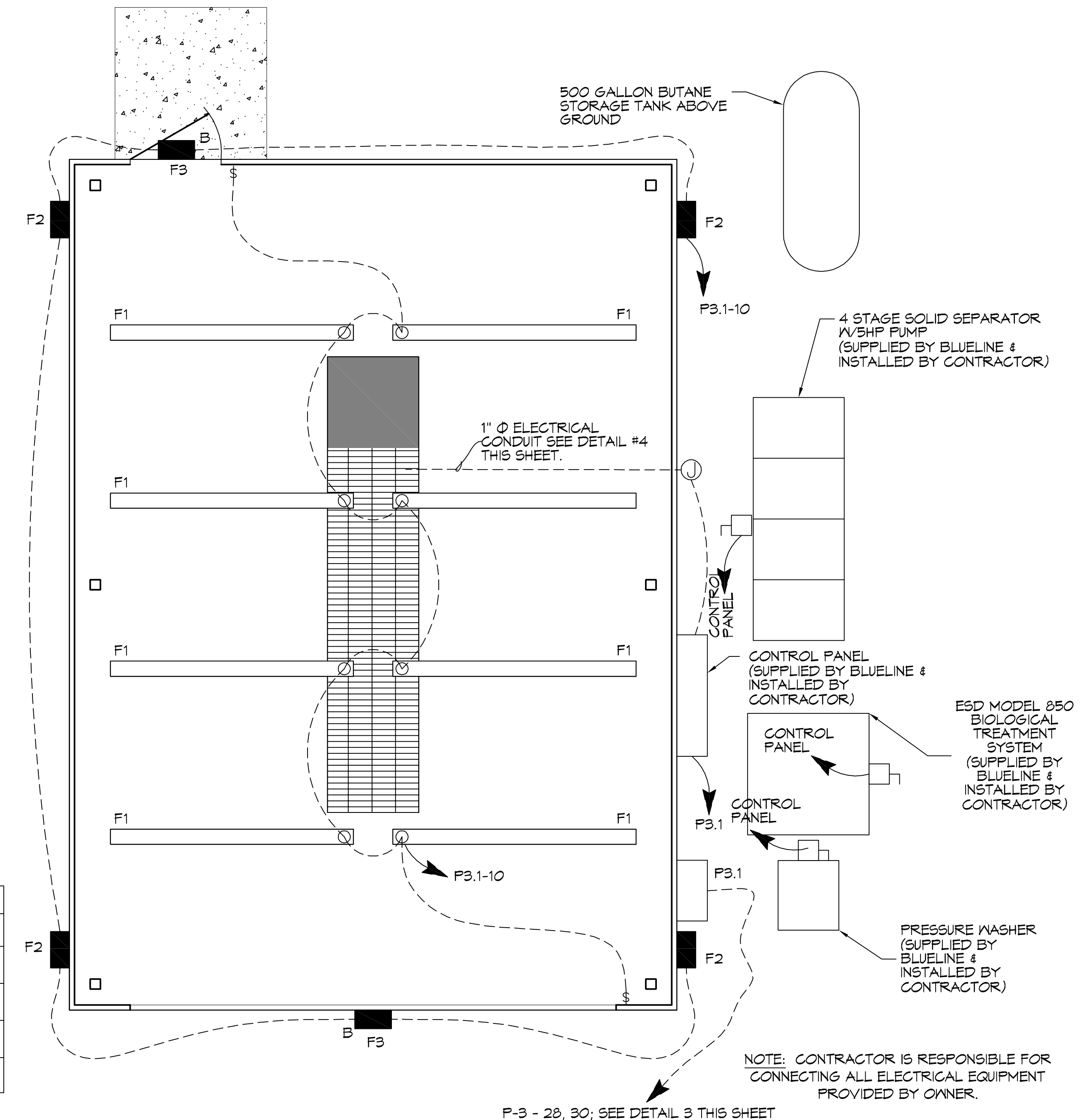
— — — — —	WATER LINE
— — — — —	ELECTRICAL CONDUIT
— — — — —	BUTANE LINE



LIGHTING FIXTURE SCHEDULE

EXAMPLE	LABEL	DESCRIPTION	MANUFACTURER PRODUCT #	LAMPS	QTY
— — — — —	F1	1x8 CEILING MOUNT FIXTURE	LITHONIA LIGHTING DMA 2 32 MVOLT GEB10RS	2-T8 32W FLOURESCENT MVOLT	8
■	F2	WALL MOUNTED FIXTURE	LITHONIA LIGHTING - TWR1 LED 3 40K MVOLT PE	LED-55W MVOLT	4
■ B	F3	WALL MOUNTED FIXTURE W/90 MIN. BATTERY BACKUP	LITHONIA LIGHTING - TWR1 LED 3 40K MVOLT PE; BODINE ELI-S-100	LED-55W MVOLT	2

NOTES: 1. PROVIDE PRODUCTS BY LISTED MANUFACTURER OR EQUAL.



DAMMON ENGINEERING, INC.
554 Old Spanish Trail, Slidell, LA 70458
PH: 855.645.5832

Chief Engineer: Brian Mistich, PE

REVISIONS

#	DESCRIPTION	DATE
1	REVISED ELECTRICAL FEED	5/20/2016

SEAL:

BRIAN A. MISTICH
LICENSED PROFESSIONAL ENGINEER
STATE OF LOUISIANA
5/26/2016

BLUELINE RENTALS

WASH RACK

SHEET TITLE: ELECTRICAL PLAN

DRAWING NUMBER: **E101**

SHEET No: 5 of 6

2480 DESTREHAN AVENUE
HARVEY, LOUISIANA 70059
JOB NO: 221R
DATE: 19 APRIL 2016
DRAWN BY: BAW
CHECKED BY: DPP

2" FORCE MAIN NOTES:

1. PVC PLASTIC PRESSURE PIPE AND ASSOCIATED FITTINGS USE PIPE, COUPLINGS AND FITTINGS MANUFACTURED OF MATERIALS CONFORMING TO ASTM D 1784, CLASS 12454-B.

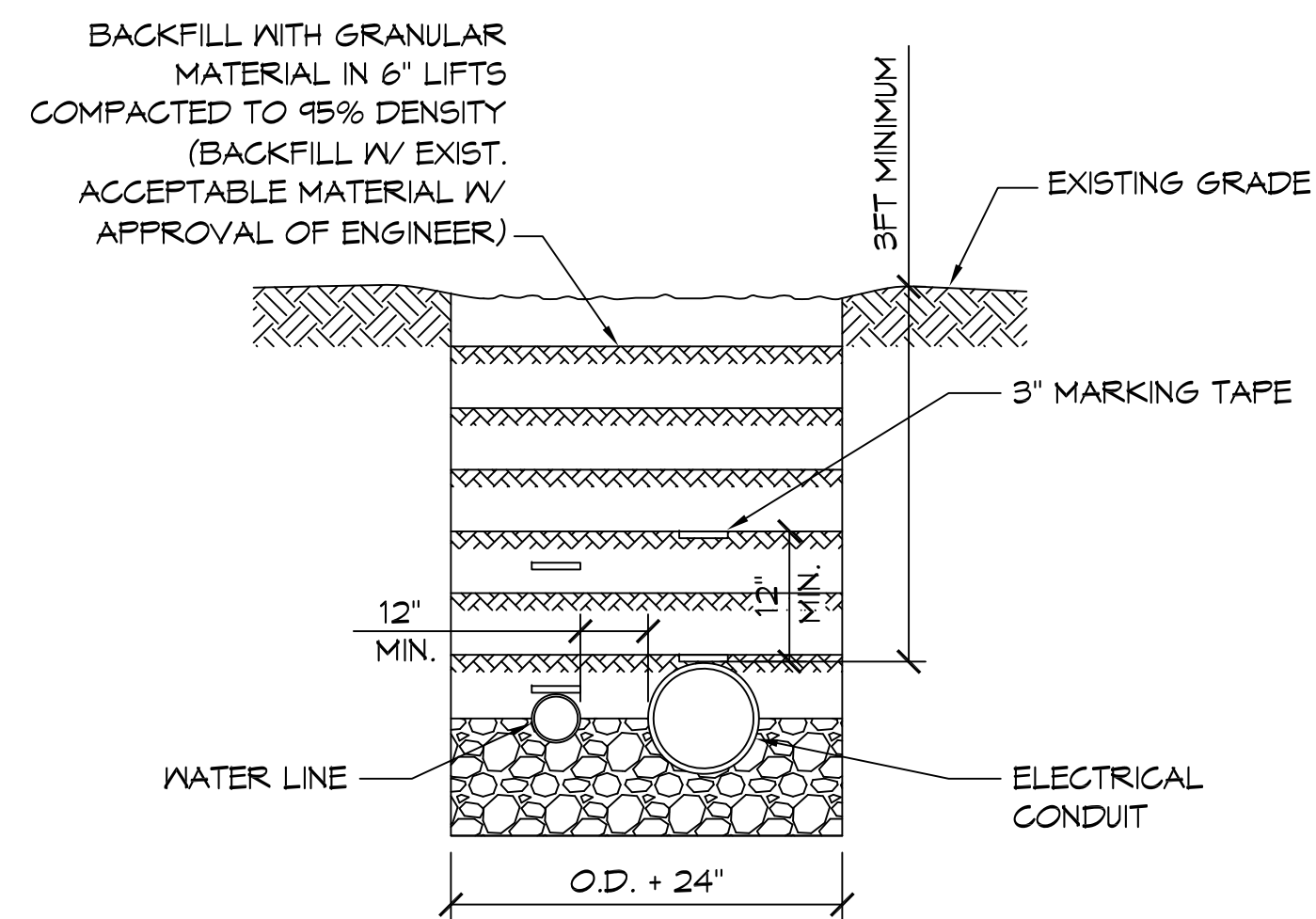
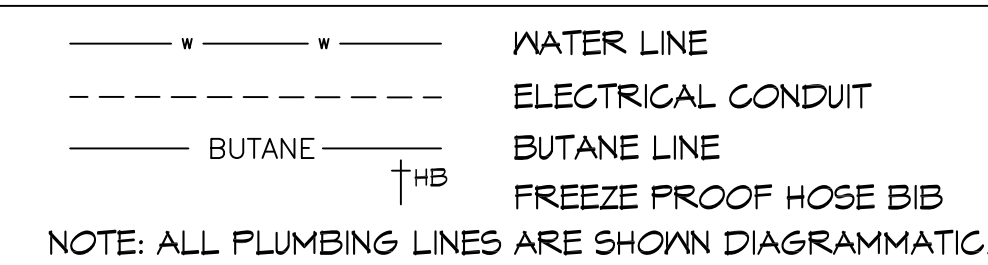
(1) PUSH-ON JOINT: ASTM D 3139, WITH ASTM F 477 GASKETS. FITTINGS FOR PUSH-ON JOINTS: ANWA C110/A21.10 OR ANWA C111/A21.11. IRON FITTINGS AND SPECIALS: CEMENT-MORTAR LINED (STANDARD THICKNESS) IN ACCORDANCE WITH ANWA C104/A21.4.

(2) SOLVENT CEMENT JOINT: USE PIPE CONFORMING TO DIMENSIONAL REQUIREMENTS OF ASTM D 1785 OR ASTM D 2241 WITH JOINTS MEETING THE REQUIREMENTS OF 150 PSI WORKING PRESSURE AND 200 PSI HYDROSTATIC TEST PRESSURE. USE FITTINGS FOR SOLVENT CEMENT JOINTING CONFORMING TO ASTM D 2466 OR ASTM D 2467.

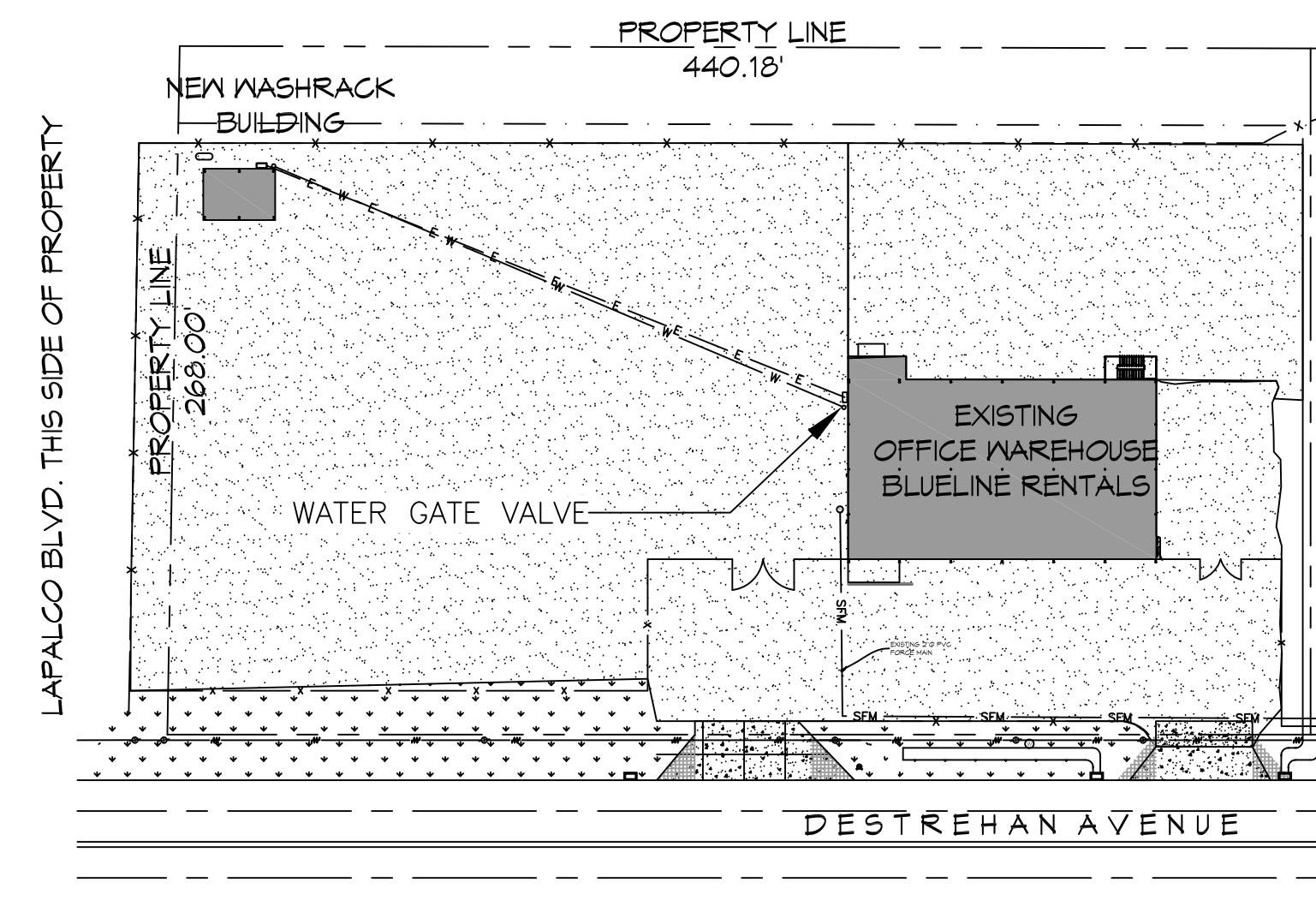
PLUMBING GENERAL NOTES

- SEE MANUFACTURER CUT SHEET FOR EACH ITEM INSTALLED.
- ALL WORK AND MATERIAL SHALL CONFORM STRICTLY TO THE LATEST LOCAL CITY, PARISH, STATE AND NATIONAL GOVERNING CODES.
- PLUMBING LINES SHOWN ARE DRAWN DIAGRAMMATIC IN NATURE AND REPRESENT CONCEPTUAL ROUTING ONLY. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF ALL ACTUAL CONDITIONS.
- PROVIDE ALL LABOR, MATERIAL AND EQUIPMENT FOR A COMPLETE OPERATING SYSTEM. PROVIDE ALL PLUMBING FIXTURES EXCEPT THOSE PROVIDED BY OWNER. THE SYSTEM SHALL INCLUDE WATER PIPING, PRESSURIZED PIPING AND VENT PIPING, INSULATION, WATER HEATER, HANGERS, VALVES, AND PROVIDE ALL SUPPORTS WITHOUT ANY RESTRICTIONS TO VOLUME. CUT AND PATCH AS REQUIRED TO INSTALL PIPES.
- CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY ALL EXISTING UTILITY LOCATIONS, ELEVATIONS, AND INVERTS PRIOR TO COMMENCING ANY WORK. CONTRACTOR SHALL PAY NECESSARY FEES FOR THE UTILITIES CONNECTIONS. CONTRACTOR IS RESPONSIBLE TO SET NEW INVERTS OF SEWAGE AND DRAINAGE PIPES.
- SEWAGE LINES 3" AND SMALLER SHALL BE SLOPED 1/4" PER FOOT AND LINES THAT ARE 4" AND LARGER SHALL BE SLOPED 1/8" PER FOOT.
- TEST ALL PIPING AT REQUIRED PRESSURE.
- ALL PLUMBING SHALL BE CLOSELY COORDINATED WITH STRUCTURAL, MECHANICAL, AND ELECTRICAL SYSTEMS TO ENSURE NO TRADES WILL CONFLICT WITH EACH OTHER.
- DO NOT SCALE DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF DOORS, WINDOWS, WALLS, FIXTURES, ETC.
- ALL WATER MAINS AND PIPING NOT SHOWN FOR CLARITY. ALL LOCATIONS SHALL BE FIELD VERIFIED.
- DOMESTIC 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.
- DOMESTIC WATER PIPING AND FITTINGS ABOVE THE FINISHED FLOOR SHALL BE ASTM B88 COPPER WATERTUBE, TYPE L, OR CPVC SCHEDULE 40.
- SOIL, WASTE, VENT PIPING AND FITTINGS:
 - A. ABOVE THE FINISHED FLOOR SHALL BE PVC SCHEDULE 40 OR ABS 5WV.
 - B. GRAVITY PIPE FLOWING BELOW THE SLAB SHALL BE PVC SDR-35.
 - C. GRAVITY PIPE FLOWING BELOW THE NATURAL GRADE SHALL BE SDR-35.
 - D. PVC PRESSURE PIPE SHALL BE ANWA C900 CLASS 150 WITH GASKETED JOINTS.
- ALL WATER PIPING AND FITTINGS ABOVE THE GRADE SHALL BE INSULATED WITH 1" THICK FIBERGLASS INSULATION AND JACKET. INSTALL HANGERS AND SUPPORTS OUTSIDE OF INSULATION TO ALLOW CONTROLLED THERMAL MOVEMENT OF PIPING SYSTEMS, TO PERMIT FREEDOM OF MOVEMENT BETWEEN PIPE ANCHORS, AND TO FACILITATE ACTION OF EXPANSION JOINTS, EXPANSION LOOPS, EXPANSION BENDS, AND SIMILAR UNITS. ALL EXTERIOR WATER FITTINGS SHALL BE FREEZE PROOF.
- 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.)
- SEE ROOF PLAN FOR PLUMBING ROOF PENETRATIONS, ROUTE VENT PIPES IN ATTIC AS NECESSARY.
- ALL VENTS THROUGH ROOF (VTR) SHALL BE LOCATED A MINIMUM OF 10'-0" FROM ANY MECHANICAL OR NATURAL AIR INTAKE.

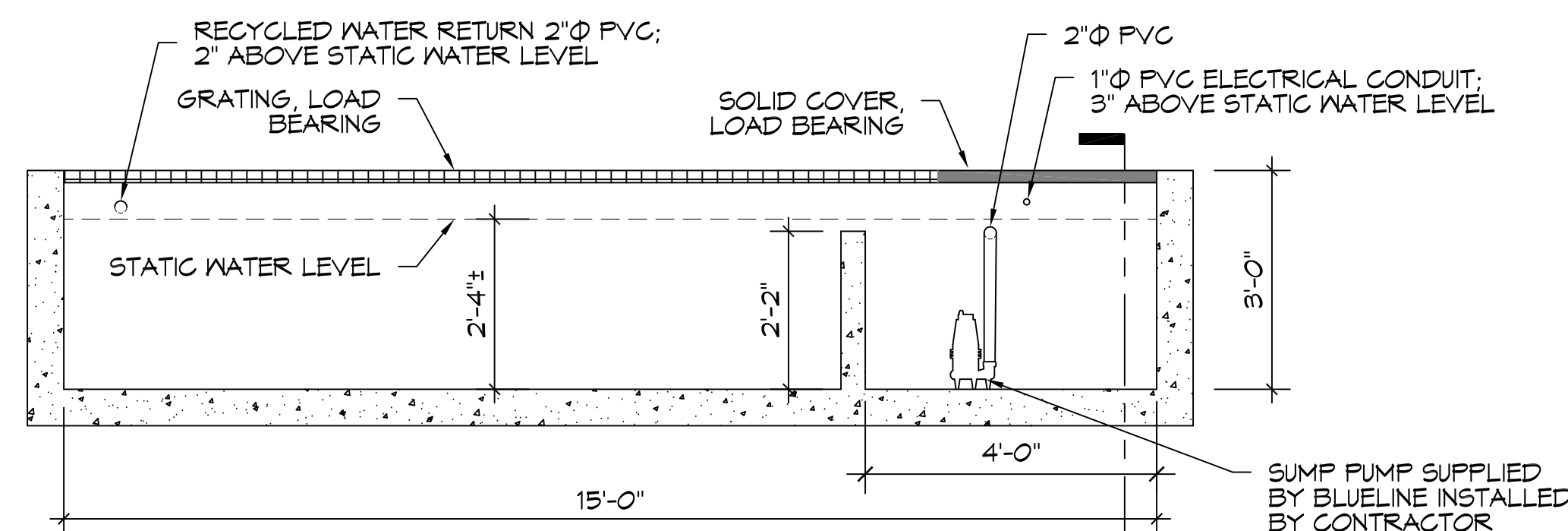
PLUMBING LEGEND



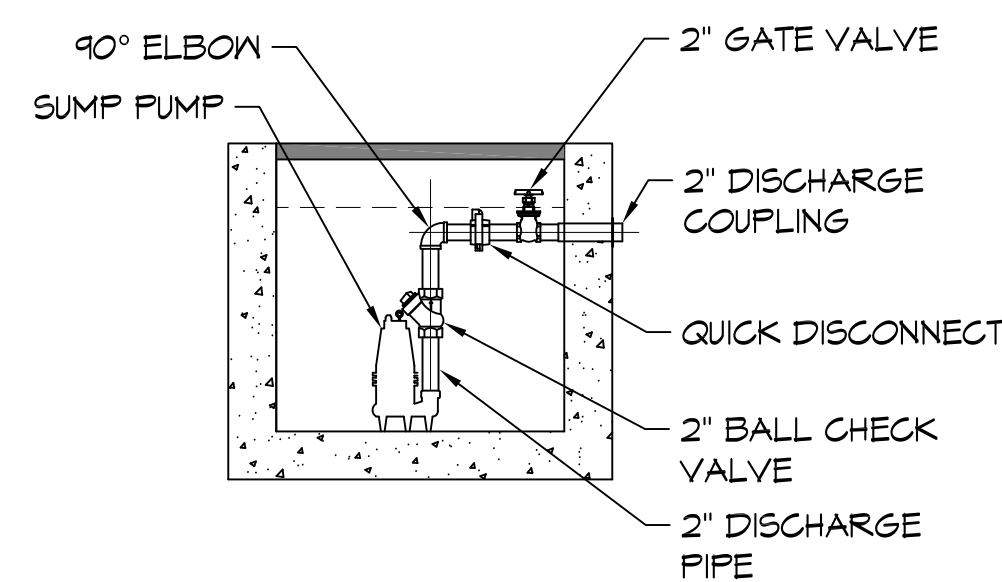
3 PIPE TRENCH DETAIL
SCALE: 3/8" = 1' - 0"



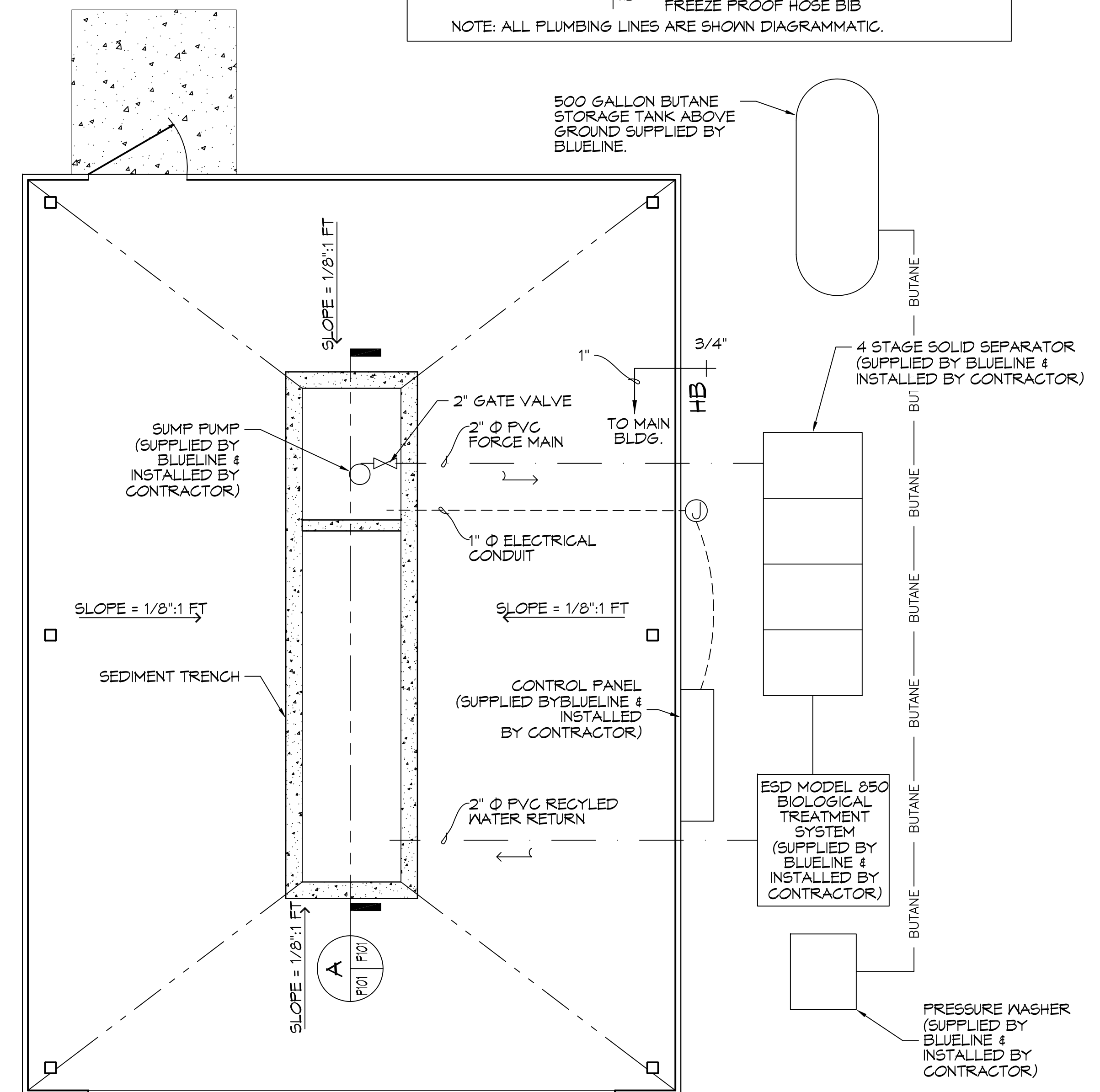
2 SITE PLAN
SCALE: 1/64" = 1' - 0"



A SEDIMENT TRENCH SECTION
SCALE: 1/2" = 1' - 0"



B SUMP PUMP SECTION
SCALE: 1/2" = 1' - 0"



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

NOTE: THIS WASH RACK SYSTEM IS A CLOSED LOOP RECYCLE SYSTEM. WASTE SHALL BE HAULED OFF BY CERTIFIED HAULER.

DAMMON ENGINEERING, INC.
554 Old Spanish Trail Slidell, LA 70458
PH: 985.649.5832
www.dammonengineering.com
info@dammonengineering.com

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

DATE	REVISIONS	# DESCRIPTION

SEAL:

WASH RACK BLUELINE RENTALS
2480 DESTREHAN AVENUE HARVEY, LOUISIANA 70059
JOB No: 2219 DATE: 13 APRIL 2016
DRAWN BY: K-K CHECKED BY: DPB

SHEET TITLE: PLUMBING PLAN
DRAWING NUMBER: **P101**
SHEET No: 6 of 6

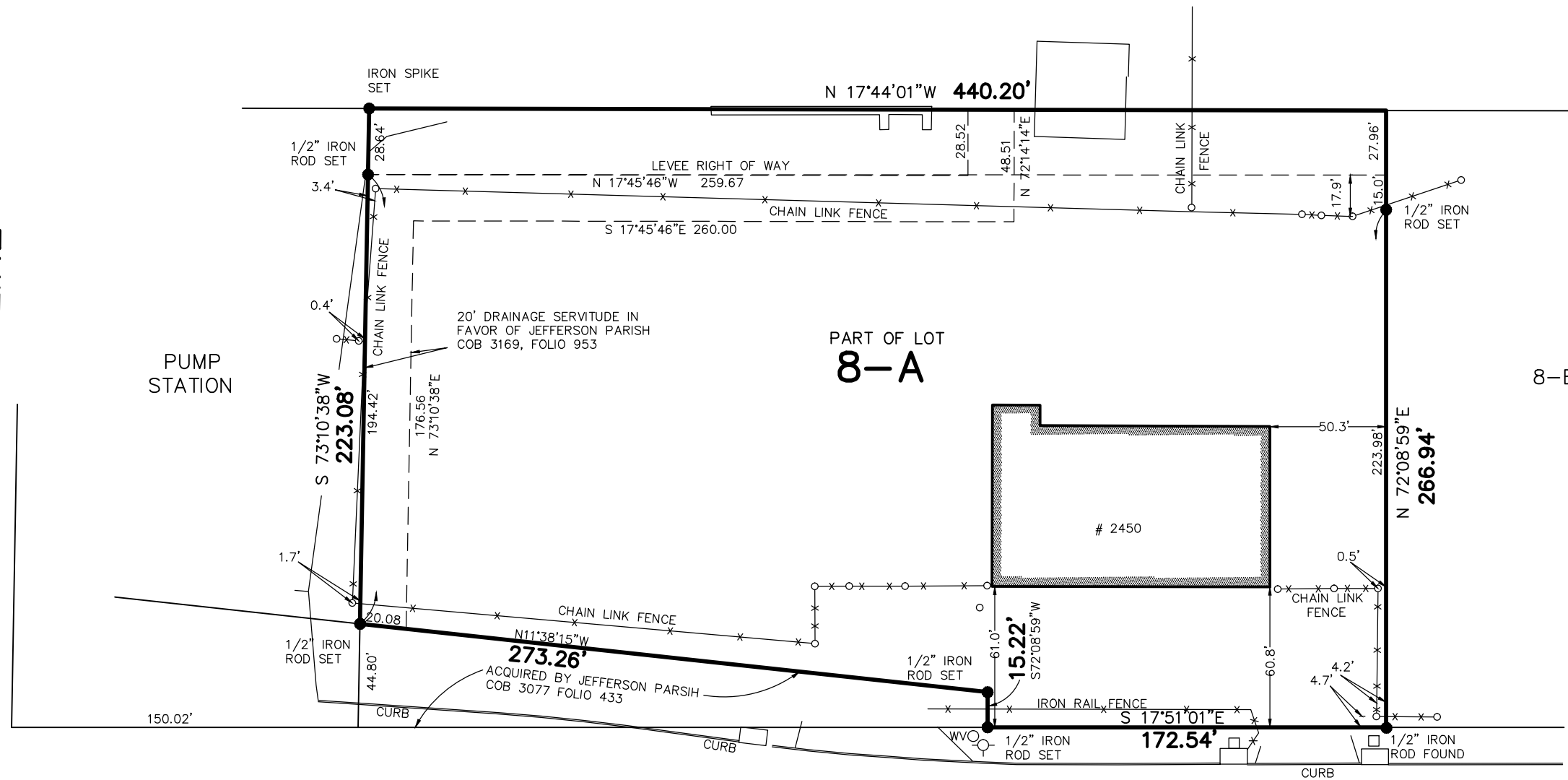
LOT 8-A
DESTREHAN DIVISION
JEFFERSON PARISH, LA.

FIRST AVENUE CANAL



EIGHTY ARPENT LINE

PATRIOT STREET (SIDE)



DESTREHAN AVENUE

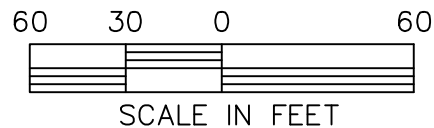
MAY 16, 2016

SURVEYED IN ACCORDANCE WITH THE
LOUISIANA STANDARDS OF PRACTICE FOR
BOUNDARY SURVEYS FOR A CLASS B SURVEY,
MADE AT THE REQUEST OF HARVEY CANAL
LIMITED PARTNERSHIP.



Tildon J. Dufrene, Jr.
T-5288-S2

WVO WATER VALVE
○-○ FIRE HYDRANT



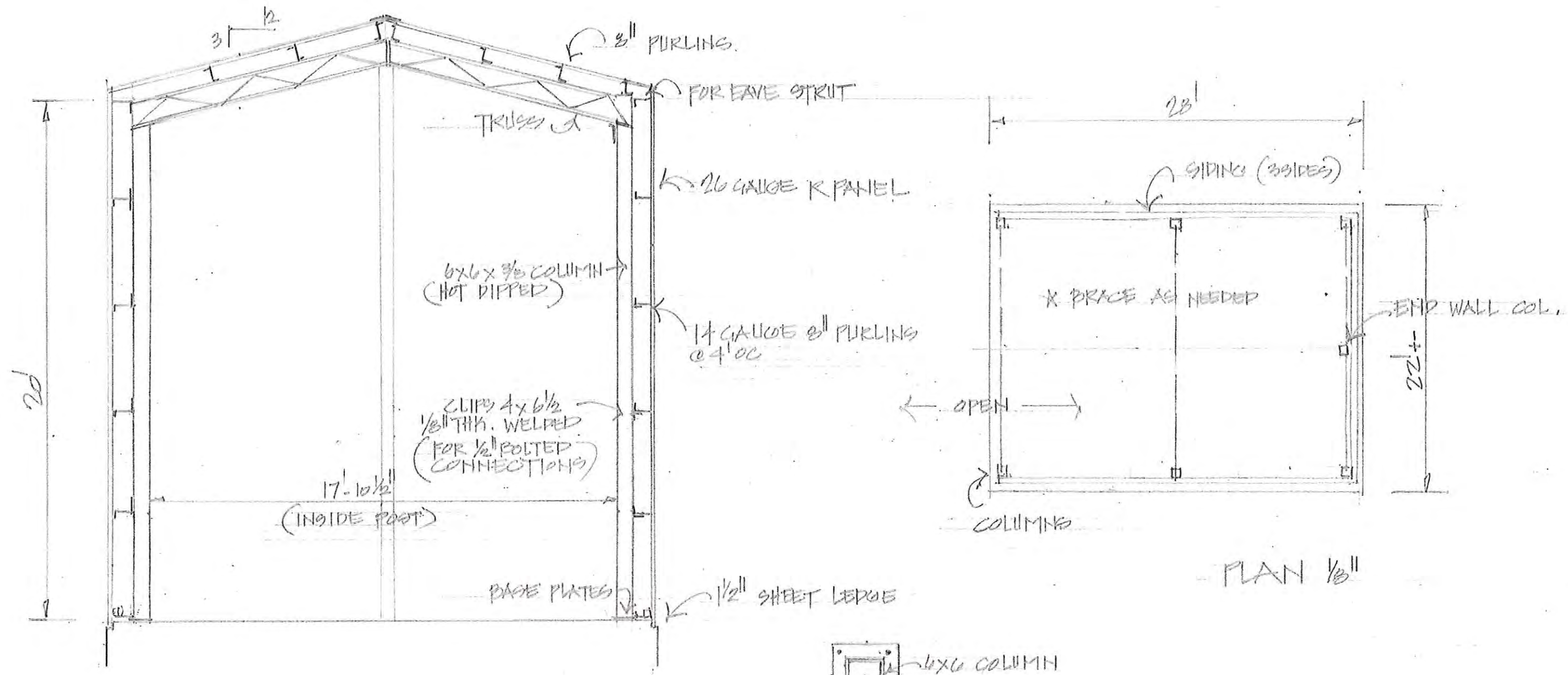
REFERENCE: SURVEY FOR DRAINAGE SERVITUDE BY
DUFRENE SURVEYING & ENGINEERING INC DATED
NOVEMBER 11, 2004
DESTREHAN AVE R/W PLAN BY DUFRENE
SURVEYING & ENGINEERING INC.

BEARINGS ARE BASED ON THE LOUISIANA
COORDINATE SYSTEM OF 1983, SOUTH ZONE.
BASED ON GPS OBSERVATIONS.

THE SERVITUDES AND RESTRICTIONS SHOWN ON THIS SURVEY
ARE LIMITED TO THOSE SET FORTH IN THE DESCRIPTION
FURNISHED US AND THERE IS NO REPRESENTATION THAT ALL
APPLICABLE SERVITUDES AND RESTRICTIONS ARE SHOWN HEREON.
THE SURVEYOR HAS MADE NO TITLE SEARCH OR PUBLIC RECORD
SEARCH IN COMPILING THE DATA FOR THIS SURVEY.

**DUFRENE SURVEYING
& ENGINEERING INC.**

1624 MANHATTAN BOULEVARD, HARVEY, LA 70058
504-368-6390 PH.
504-368-6394 FAX
dufrene@dufrenesurveying.com



SECTION 1/4"

BASE PLAN 3/4"

PLAN 1/8"

ALL BOLTING & TEK SCREWS TO ACHIEVE 140 MPH WIND LOAD (3920 GUST)

BLUELINE RENTALS
 2450 DESTRAHAN AVE HARVEY, 70058
 WAREHOUSE SALES INC. 641-0793
 SLIDELL
 ROBERT SOLLBERGER ARCHITECT
 SLIDELL

