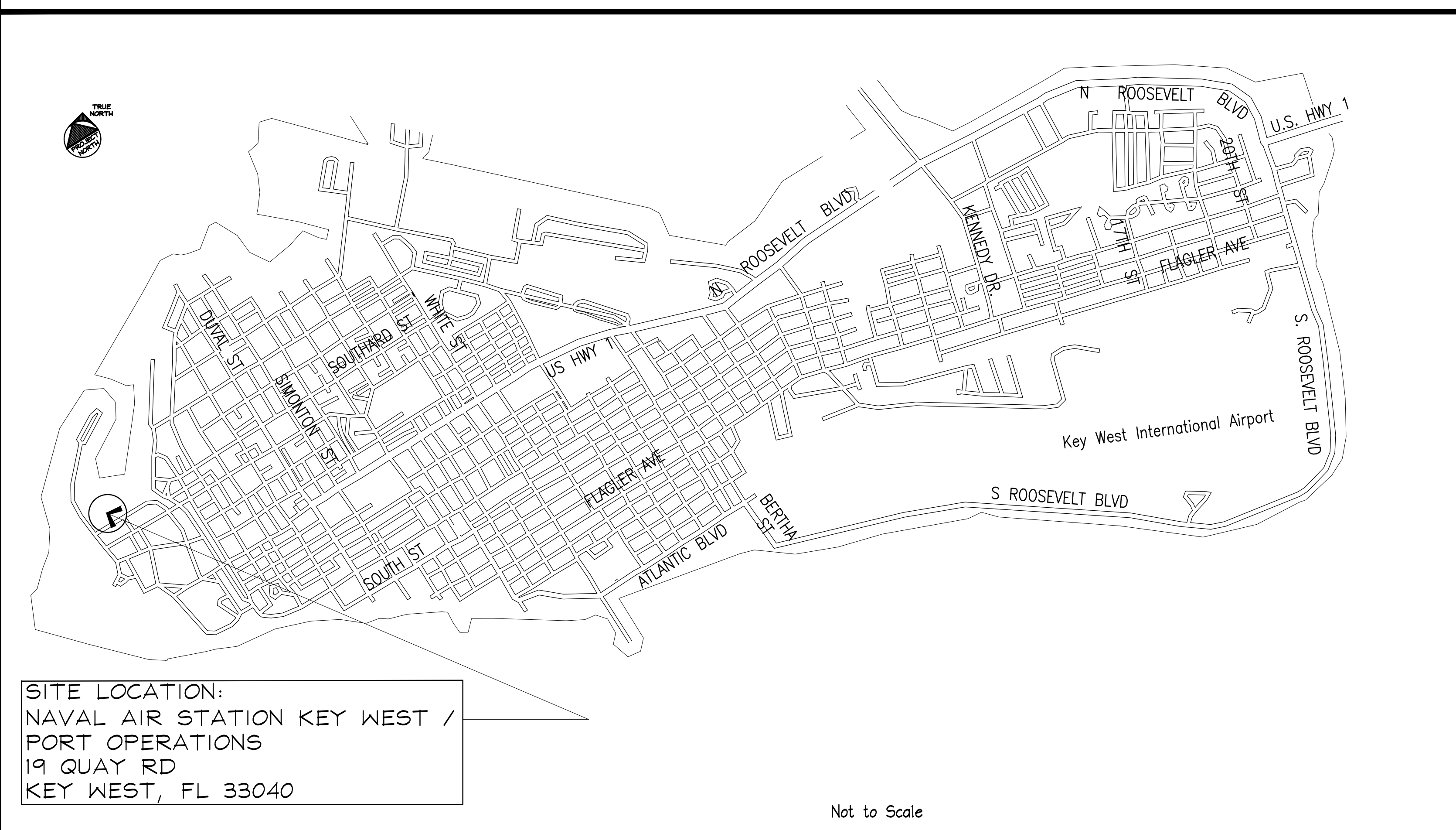


BOAT WASHDOWN FACILITY

Key West Florida 33040

(BID DOCUMENTS)

SITE MAP - KEY WEST



SITE LOCATION:
 NAVAL AIR STATION KEY WEST /
 PORT OPERATIONS
 19 QUAY RD
 KEY WEST, FL 33040

Not to Scale

PROJECT DIRECTORY

PROJECT: BOAT WASHDOWN FACILITY
ARCHITECT'S PROJECT No.: 1836

CONTACT: Ian McDowell
Address: 1300 White Street
 Key West Florida, 33040
Tel: 305-809-3963

ARCHITECT: BENDER & ASSOCIATES ARCHITECTS, P.A.
Address: 410 Angela Street, Key West, FL 33040
Tel: (305) 296-1347 Fax: (305) 296-2727
E-mail: blbender@bellsouth.net
Principi: Bert L. Bender (Principal-in-Charge)
Architect: Haven Burke

ENGINEERING CONSULTANT:
STRUCTURAL: ATLANTIC ENGINEERING SERVICES
Address: 6501 ARLINGTON EXPRESSWAY BUILDING 'B' SUITE 201
Tel: (904) 743-4633 Fax: (904) 725-9295
Representative: Mark J. Keister, P.E.,

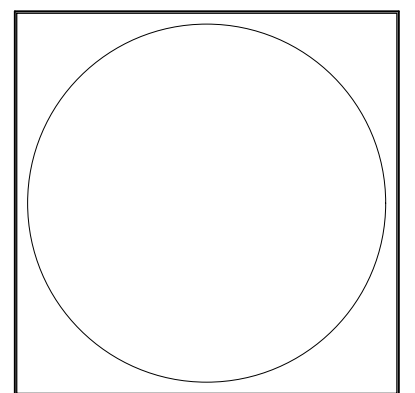
GENERAL NOTES

- All work shall comply with the Florida Building Code, latest edition, and all applicable laws, codes and ordinances of the City, County, and the State of Florida. In the City of Key West, applicable Codes forming the basis of this design and compliance requirements for the Contractor include:
 FLORIDA BUILDING CODE - Building 2020 EDITION
 FLORIDA BUILDING CODE - Existing 2020 EDITION
 FLORIDA BUILDING CODE - Residential 2020 EDITION
 FLORIDA BUILDING CODE - Plumbing 2020 EDITION
 FLORIDA BUILDING CODE - Fuel Gas 2020 EDITION
 FLORIDA BUILDING CODE - Mechanical 2020 EDITION
 NATIONAL ELECTRICAL CODE 2020 EDITION
 NFPA 101 LIFE SAFETY CODE w/ Florida Modifications
 2020 EDITION FLORIDA FIRE PREVENTION CODE 2020 EDITION
 NFPA 1 2020 EDITION
 This project is designed in accordance with A.S.C.E. 7-10 to resist wind loads of 180 mph (3 second gusts).
- Prior to submitting a bid, verify all existing conditions and dimensions on the jobsite, and also after award, but prior to the start of construction.
- Contours and/or existing grades shown are approximate. Verify with field conditions. Final grading shall provide gradual slopes and grades. Slope all grades away from the building. Planting areas shall be graded with soil suitable for planting. Rock and debris will not be allowed.
- Where discrepancies between drawings, specifications, and code requirements occur, adhere to the most stringent requirement.
- Dimensions shall take precedence over scale.
- All new utilities shall be underground.
- Drawings and specifications are complementary. Refer to all sheets of drawings and applicable sections of the specifications for interfaces of work with related trades.
- After completion of construction remove all debris and construction equipment. Restore site to original condition.
- Notify owner of any possible artifacts uncovered during site grading and throughout the course of construction.
- Furnish a receptacle on site to contain construction debris and maintain the site in an orderly manner to ensure public safety and prevent blowing debris.
- Comply with all requirements for selective demolition as specified, shown on the Demolition Plan, or called for in the selective Demolition Notes.

FLORIDA ADMINISTRATIVE CODE

61G1-16.003 Use of Seal. The personal seal, signature and date of the architect or interior designer shall appear on all architectural or interior design documents to be filed for public record and shall be construed to obligate his partners or his corporation. A corporate seal alone is insufficient. Documents shall be signed personally and sealed by the responsible architect or interior designer. Final official record documents (not tracings, etc.) shall be so signed. The signing and sealing of the specification index sheets shall be considered adequate. All drawing sheets and pages shall be so signed and sealed. An architect or interior designer shall not affix, or permit to be affixed, his seal or name to any plan, specifications, drawings, or other related document which was not prepared by him or under his responsible supervising control as provided in Rule Chapter 61G1-23, F.A.C. An architect or interior designer shall not use his seal or do any other act as an architect or interior designer unless holding at the time a certificate of registration and all required renewals thereof. Specific Authority 481.2065, 481.221 FS. Law Implemented 481.221, 481.225(1)(e), (g), (j), 481.225(1)(g), (h), (i) FS. History-New 12-23-79, Formerly 21B-16.03, Amended 7-27-84, Formerly 21B-16.003, Amended 11-21-94, 4-18-00.

BOAT WASHDOWN FACILITY
 NAVAL AIR STATION, KEY WEST, FLORIDA



410 Angela Street
 Key West, Florida 33040
 Telephone (305) 296-1347
 Facsimile (305) 296-2727
 Florida License AC002022

Bender & Associates
 ARCHITECTS
 p.a.

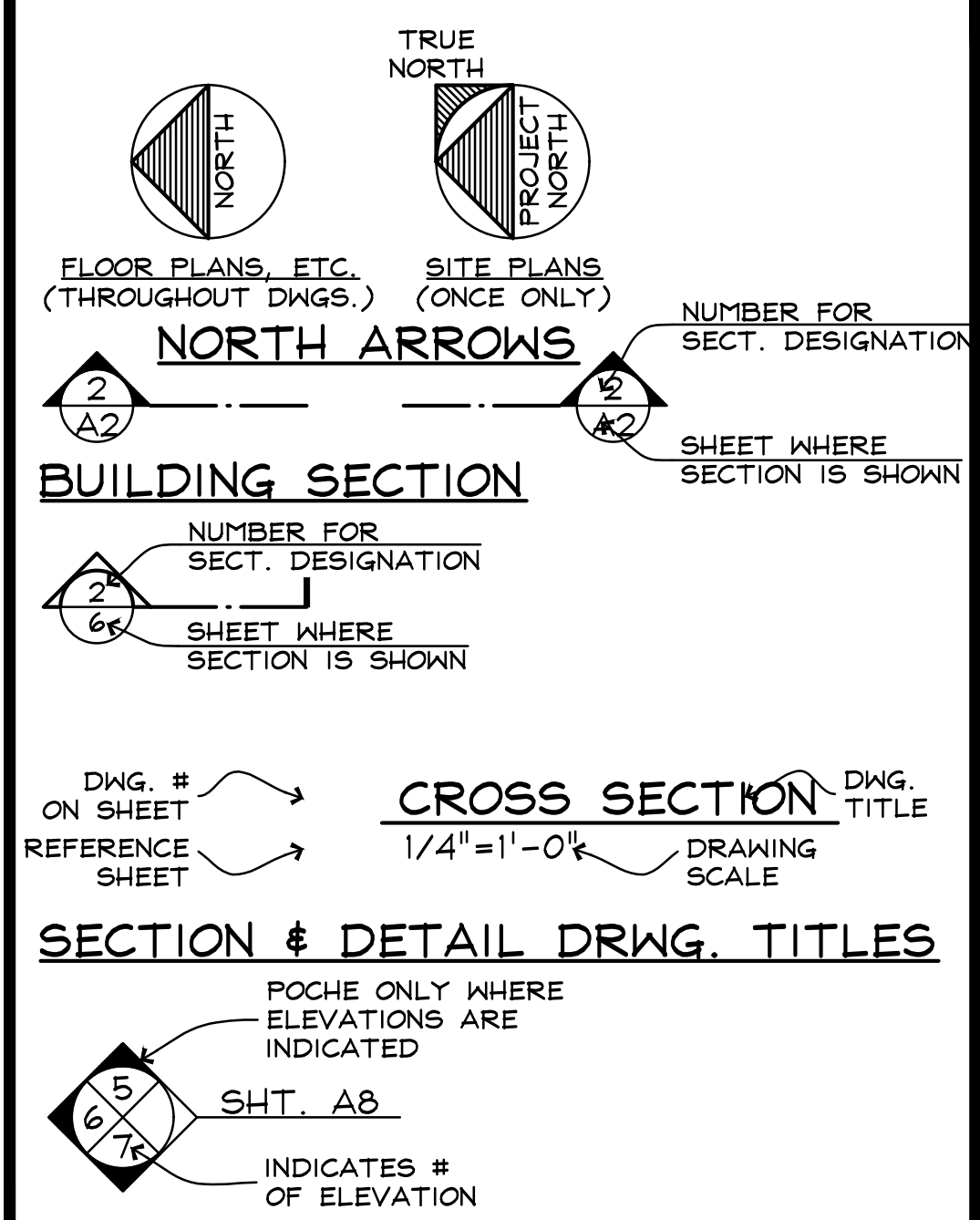
Project No: 1836
 Date: 3/02/21

A0

ABBREVIATIONS

| | | | |
|------|--|-------|----------------------------|
| AB | ANCHOR BOLT | MIN | MINIMUM |
| ABC | AGGREGATE BASE COURSE | NTS | NOT TO SCALE |
| A/C | AIR CONDITIONING | OA | OVERALL |
| BLKG | BLOCKING | OC | ON CENTER |
| BUR | BUILT UP ROOF | OD | OUTSIDE DIAMETER |
| CAB | CABINET | PCF | POUNDS PER CUBIC FOOT |
| CER | CERAMIC | PL | PROPETY LINE |
| CL | CENTER LINE | PLAM | PLASTIC LAMINATE |
| CLG | CEILING | PLF | POUNDS PER LINEAL FOOT |
| CMU | CONCRETE MASONRY UNIT | PNL | PANEL |
| COL | COLUMN | PT | CCA PRESSURE TREATED POINT |
| CONC | CONCRETE | PVC | POLYVINYLCHLORIDE |
| DBL | DOUBLE | R | RADIUS (OR) RISER |
| DIAG | DIAGONAL | R/A | RETURN AIR |
| DS | DOWNSPOUT | REBAR | STEEL REINF. BAR |
| DTL | DETAIL | REFR. | REFRIGERATOR |
| DWR | DRAWER | SF | SQUARE FOOT (FEET) |
| EJ | EXPANSION JOINT | SS | STAINLESS STEEL |
| EL | ELEVATION | SPEC | SPECIFICATION |
| ELEC | ELECTRIC | T | TREAD(S) |
| EQ | EQUAL | TYP | TYPICAL |
| EXH | EXHAUST | UNO | UNLESS NOTED OTHERWISE |
| FV | FIELD VERIFY | VCT | VINYL COMPOSITION TILE |
| GALV | GALVANIZED | VERT | VERTICAL |
| GI | GALVANIZED IRON | WD | WOOD |
| HORZ | HORIZONTAL | W/F | WELDED WIRE FABRIC |
| HDM | HARDWARE | WH | WATER HEATER |
| HVAC | HEATING VENTILATING & AIR CONDITIONING | W/O | WITHOUT |
| FOC | FACE OF CONCRETE | | |
| FOS | FACE OF STUD | | |
| FIN | FINISH | | |
| FE | FIRE EXTINGUISHER | | |
| FND | FOUNDATION | | |
| FTG | FOOTING | | |
| ID | INSIDE DIAMETER | | |
| MAX | MAXIMUM | | |

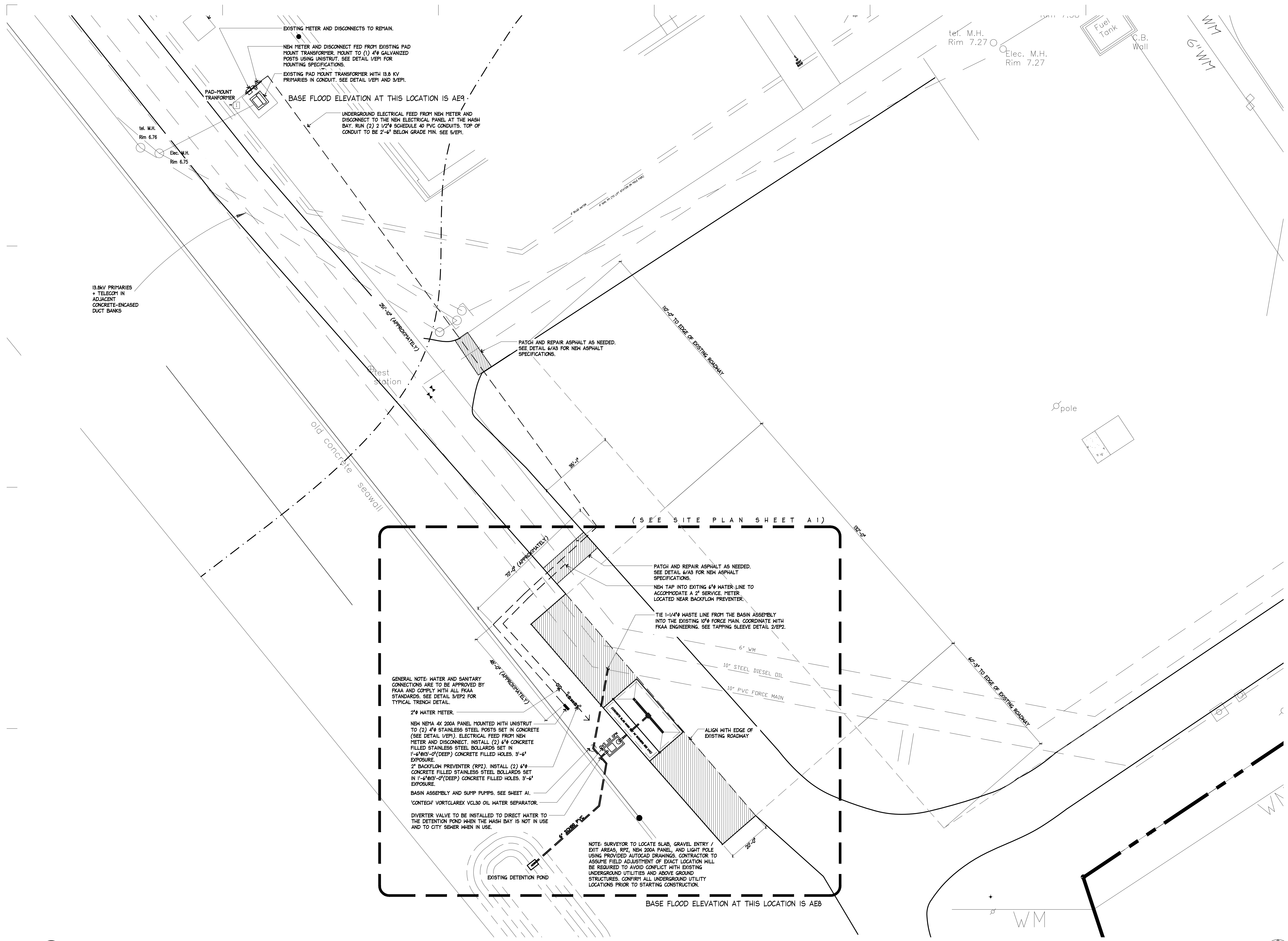
SYMBOLS LEGEND



SHEET INDEX

| SHEET INDEX | |
|-------------|--|
| A0 | COVER |
| C | PROPOSED SITE PLAN / UTILITY PLAN |
| A1 | ENLARGED SITE PLAN |
| A2 | PROPOSED FLOOR PLAN OF WASHBAY, WASHBAY AREA SECTION |
| A3 | STRUCTURAL SPECIFICATIONS AND DETAILS |
| EPI | ELECTRICAL RISER DIAGRAM, PROPOSED ELECTRICAL FLOOR PLAN, PANEL SCHEDULE |
| EP2 | PULL BOX DETAIL, TAPPING SLEEVE DETAIL |

DESCRIPTION OF WORK:
 NEW BOAT WASHDOWN FACILITY WITH POWER WASHERS, LIGHT POLE, & POLE SHOWERS.



BOAT WASHDOWN FACILITY
NAVAL AIR STATION, KEY WEST, FLORIDA

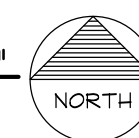
410 Angela Street
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Facsimile (305) 296-2727
Florida License AAC002022

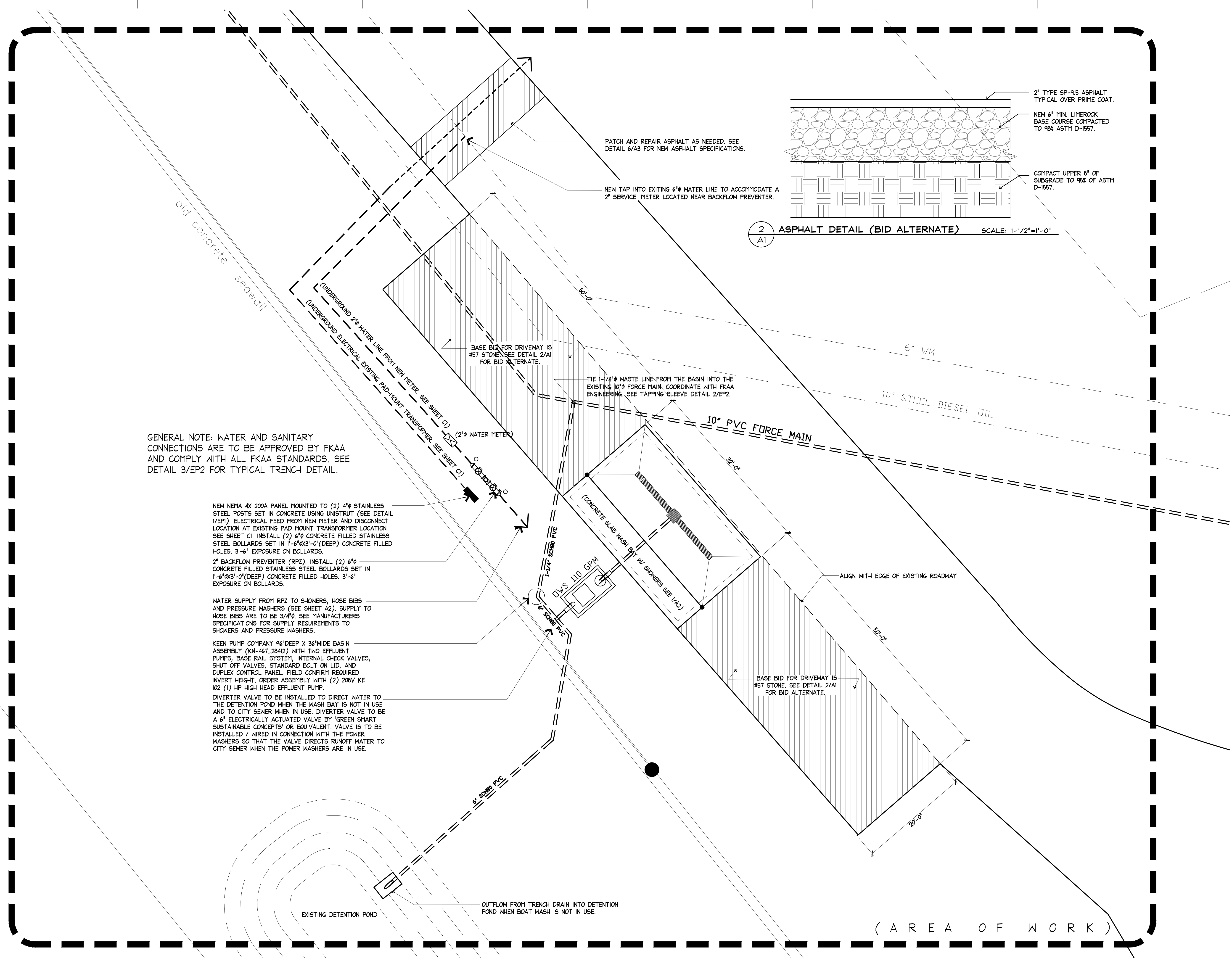
Bender & Associates
ARCHITECTS
p.c.

Project No: 1836
Date: 3/02/21

C

1
C





GENERAL NOTE: WATER AND SANITARY CONNECTIONS ARE TO BE APPROVED BY FCAA AND COMPLY WITH ALL FCAA STANDARDS. SEE DETAIL 3/EP2 FOR TYPICAL TRENCH DETAIL.

NEW NEMA 4X 200A PANEL MOUNTED TO (2) 4" STAINLESS STEEL POSTS SET IN CONCRETE USING UNISTRUT (SEE DETAIL 1/EPI). ELECTRICAL FEED FROM NEW METER AND DISCONNECT LOCATION AT EXISTING PAD MOUNT TRANSFORMER LOCATION SEE SHEET C1. INSTALL (2) 6" CONCRETE FILLED STAINLESS STEEL BOLLARDS SET IN 1'-6"X3'-0" (DEEP) CONCRETE FILLED HOLES. 3'-6" EXPOSURE ON BOLLARDS.

2" BACKFLOW PREVENTER (RPZ). INSTALL (2) 6" CONCRETE FILLED STAINLESS STEEL BOLLARDS SET IN 1'-6"X3'-0" (DEEP) CONCRETE FILLED HOLES. 3'-6" EXPOSURE ON BOLLARDS.

WATER SUPPLY FROM RPZ TO SHOWERS, HOSE BIBS AND PRESSURE WASHERS (SEE SHEET A2). SUPPLY TO HOSE BIBS ARE TO BE 3/4". SEE MANUFACTURERS SPECIFICATIONS FOR SUPPLY REQUIREMENTS TO SHOWERS AND PRESSURE WASHERS.

KEEN PUMP COMPANY 96" DEEP X 36" WIDE BASIN ASSEMBLY (KN-467-2842) WITH TWO EFFLUENT PUMPS, BASE RAIL SYSTEM, INTERNAL CHECK VALVES, SHUT OFF VALVES, STANDARD BOLT ON LID, AND DUPLEX CONTROL PANEL. FIELD CONFIRM REQUIRED INVERT HEIGHT. ORDER ASSEMBLY WITH (2) 200V KE 102 (1) HP HIGH HEAD EFFLUENT PUMP.

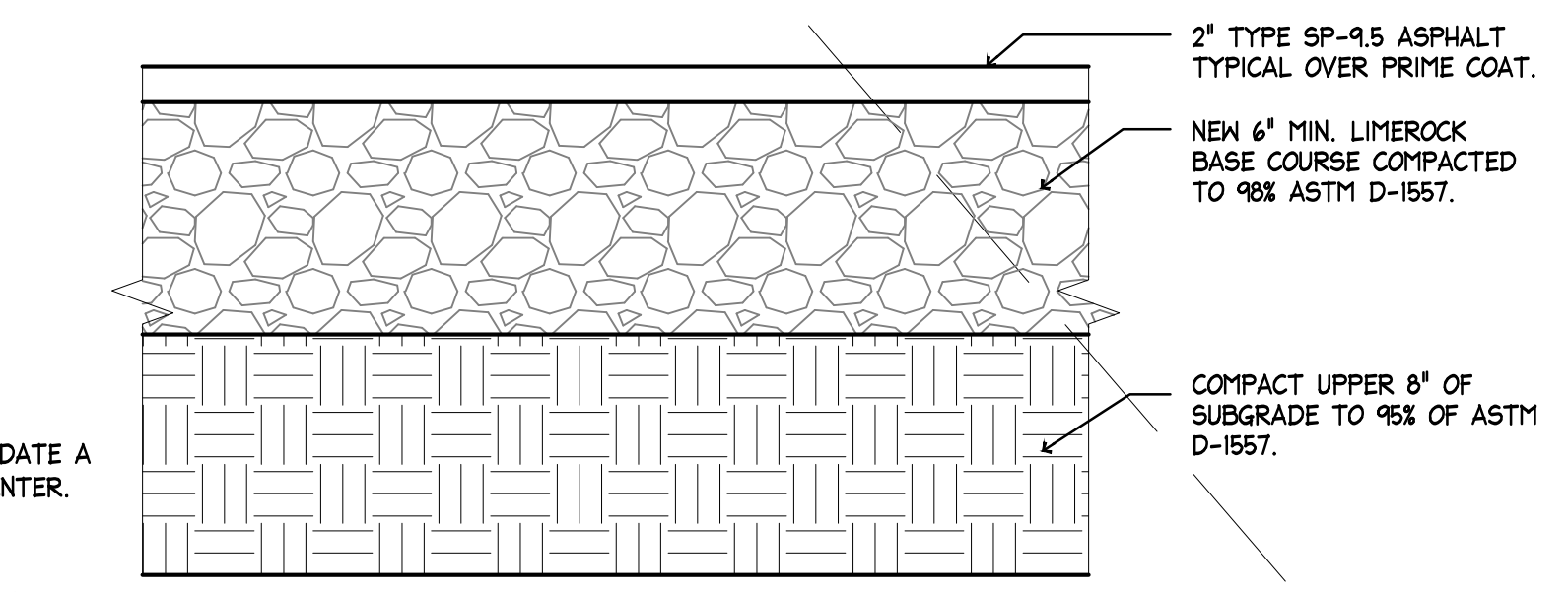
DIVERTER VALVE TO BE INSTALLED TO DIRECT WATER TO THE DETENTION POND WHEN THE WASH BAY IS NOT IN USE AND TO CITY SEWER WHEN IN USE. DIVERTER VALVE TO BE A 6" ELECTRICALLY ACTUATED VALVE BY 'GREEN SMART SUSTAINABLE CONCEPTS' OR EQUIVALENT. VALVE IS TO BE INSTALLED / WIRED IN CONNECTION WITH THE POWER WASHERS SO THAT THE VALVE DIRECTS RUNOFF WATER TO CITY SEWER WHEN THE POWER WASHERS ARE IN USE.

PATCH AND REPAIR ASPHALT AS NEEDED. SEE DETAIL 6/A3 FOR NEW ASPHALT SPECIFICATIONS.

NEW TAP INTO EXISTING 6" WATER LINE TO ACCOMMODATE A 2" SERVICE METER LOCATED NEAR BACKFLOW PREVENTER.

BASE BID FOR DRIVEWAY IS #57 STONE. SEE DETAIL 2/A1 FOR BID ALTERNATE.

TIE 1-1/4" WASTE LINE FROM THE BASIN INTO THE EXISTING 10" FORCE MAIN. COORDINATE WITH FCAA ENGINEERING. SEE TAPPING SLEEVE DETAIL 2/EP2.



2 A1 ASPHALT DETAIL (BID ALTERNATE) SCALE: 1-1/2"=1'-0"

6" WM

10" STEEL DIESEL OIL

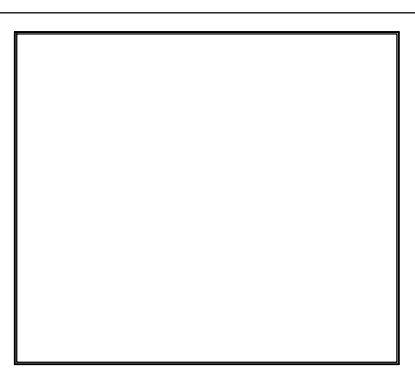
10" PVC FORCE MAIN

ALIGN WITH EDGE OF EXISTING ROADWAY

BASE BID FOR DRIVEWAY IS #57 STONE. SEE DETAIL 2/A1 FOR BID ALTERNATE.

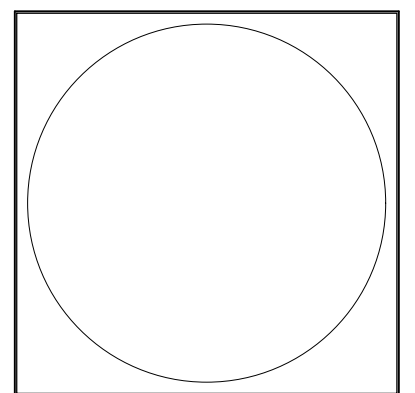
OUTFLOW FROM TRENCH DRAIN INTO DETENTION POND WHEN BOAT WASH IS NOT IN USE.

(AREA OF WORK)



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p.a.

Project No: 1836
Date: 3/12/21

A1

20'-0" TALL (16'-0" MTG. HEIGHT) X 6"Ø STRAIGHT ALUMINUM (6063-T6) DIRECT BURIAL LIGHT POLE BY 'GENERAL STRUCTURES INC.' (PRODUCT #CPA-4-6018-16-EM) OR EQUIVALENT. COORDINATE POLE ORDER WITH POLE LIGHT (SEE ELECTRICAL PLAN). COORDINATE EXACT LOCATION TO ENSURE NO CONFLICT WITH BELOW GRADE OWS. FOR DIRECT BURIAL OF ALUMINUM POLE ORDER WITH ALKALI-RESISTANT COAL TAR EPOXY COATING FOR BELOW GRADE PORTION OF POLE.

(2) HYDROBLASTER PRESSURE WASHER 10/3000 E - ELECTRIC MOTOR, COLD WATER PRESSURE WASHER (ONE EACH SIDE AS SHOWN). SET ON ELEVATED 'HOUSEKEEPING' CONCRETE SLAB. TOP OF EQUIPMENT SLAB TO BE BFE +1' (A3). REINFORCE WITH #4 BARS BOTH WAYS @ 8" O.C. TOP AND BOTTOM.

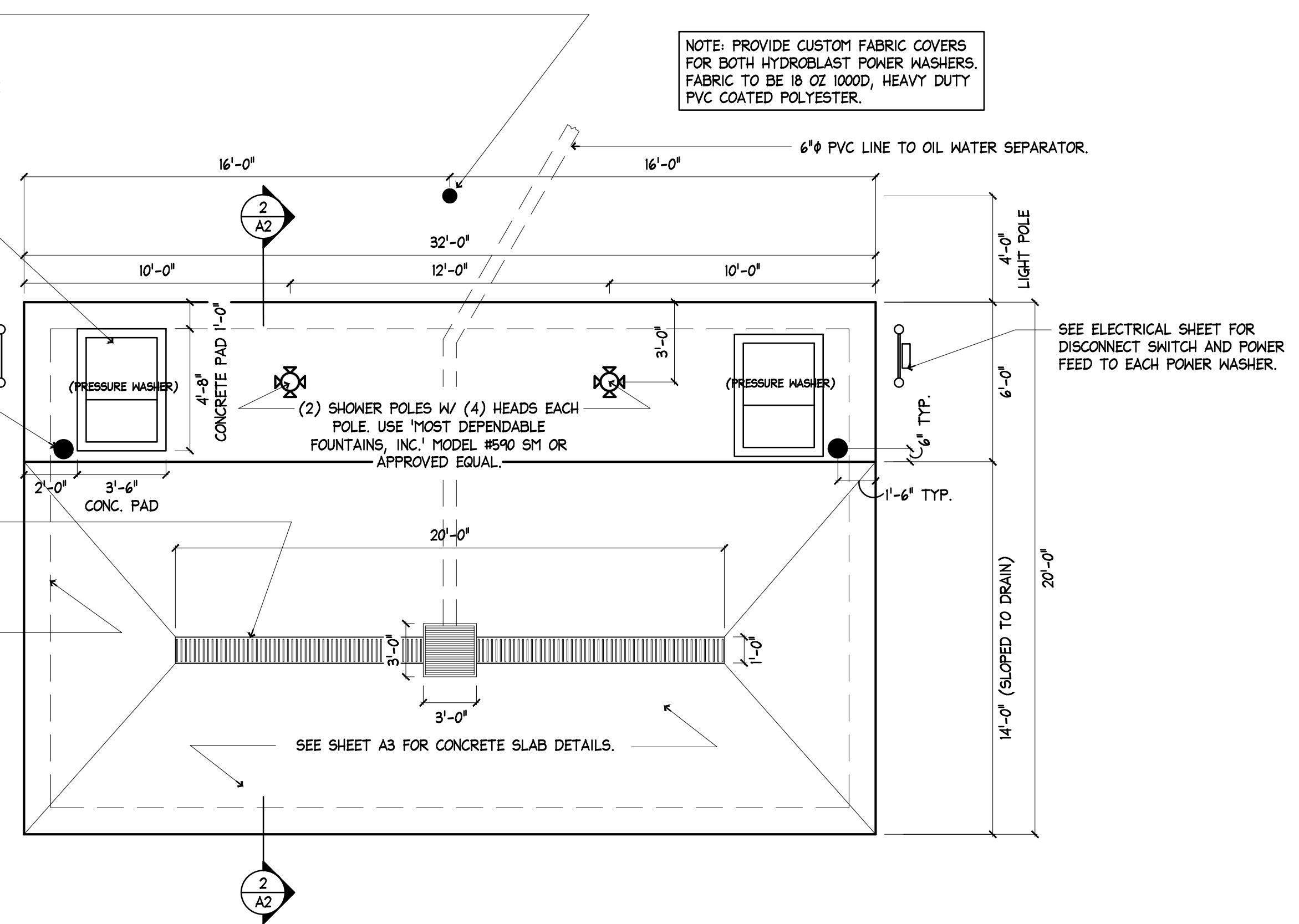
INSTALL (2) 6"Ø CONCRETE FILLED STAINLESS STEEL BOLLARDS SET IN 1'-6"Øx3'-0" (DEEP) CONCRETE FILLED HOLES (ONE EACH SIDE OF SLAB AS SHOWN). 3'-6" EXPOSURE ON BOLLARDS. COORDINATE SETTING OF BOLLARD WITH CONSTRUCTION OF CONCRETE SLAB.

TRENCH DRAIN AND CATCH BASIN. SEE DETAILS ON SHEET A3.

THICKENED EDGE OF SLAB.

NOTE: ALL ELECTRICAL OUTLETS AND SWITCHES ARE TO BE A MIN. OF 1'-0" ABOVE BASE FLOOD ELEVATION (A3).

NOTE: PROVIDE CUSTOM FABRIC COVERS FOR BOTH HYDROBLASTER POWER WASHERS. FABRIC TO BE 18 OZ 1000D, HEAVY DUTY PVC COATED POLYESTER.



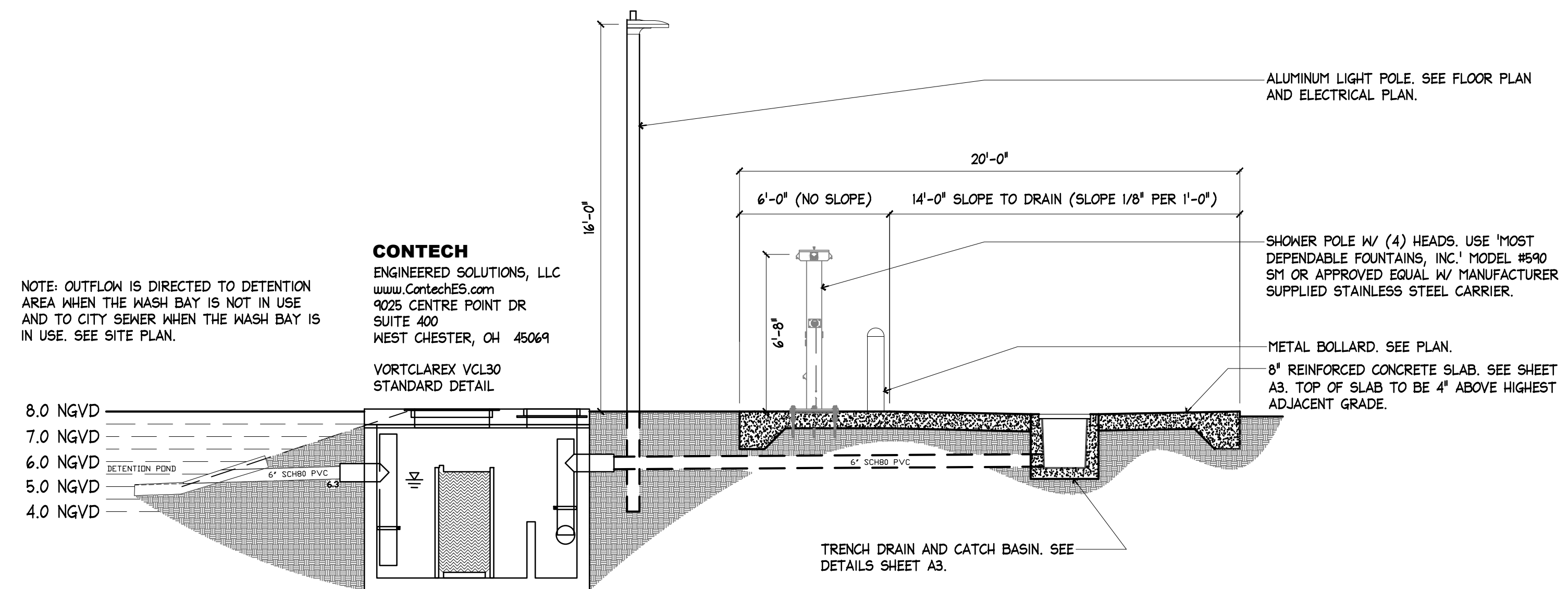
1 PROPOSED FLOOR PLAN OF WASH BAY AREA

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

NOTE: OUTFLOW IS DIRECTED TO DETENTION AREA WHEN THE WASH BAY IS NOT IN USE AND TO CITY SEWER WHEN THE WASH BAY IS IN USE. SEE SITE PLAN.

CONTECH
ENGINEERED SOLUTIONS, LLC
www.contechES.com
4025 CENTRE POINT DR
SUITE 400
WEST CHESTER, OH 45069
VORTCLAREX VCL30
STANDARD DETAIL

8.0 NGVD
7.0 NGVD
6.0 NGVD
5.0 NGVD
4.0 NGVD



2 WASH BAY AREA SECTION

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

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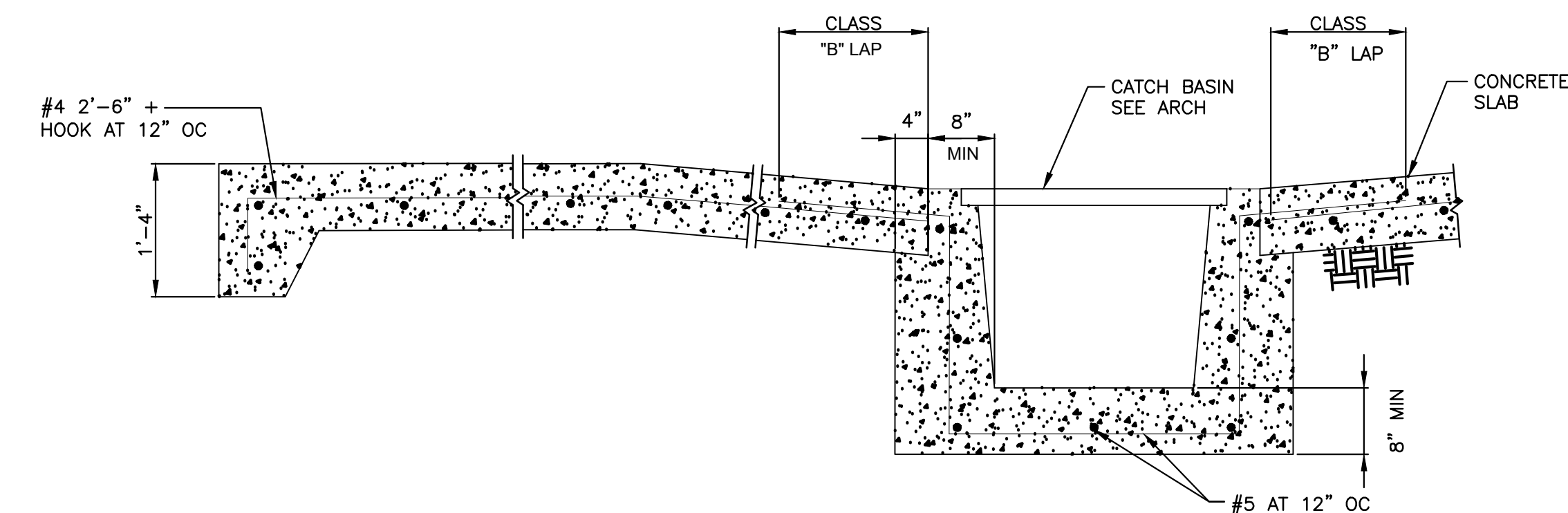
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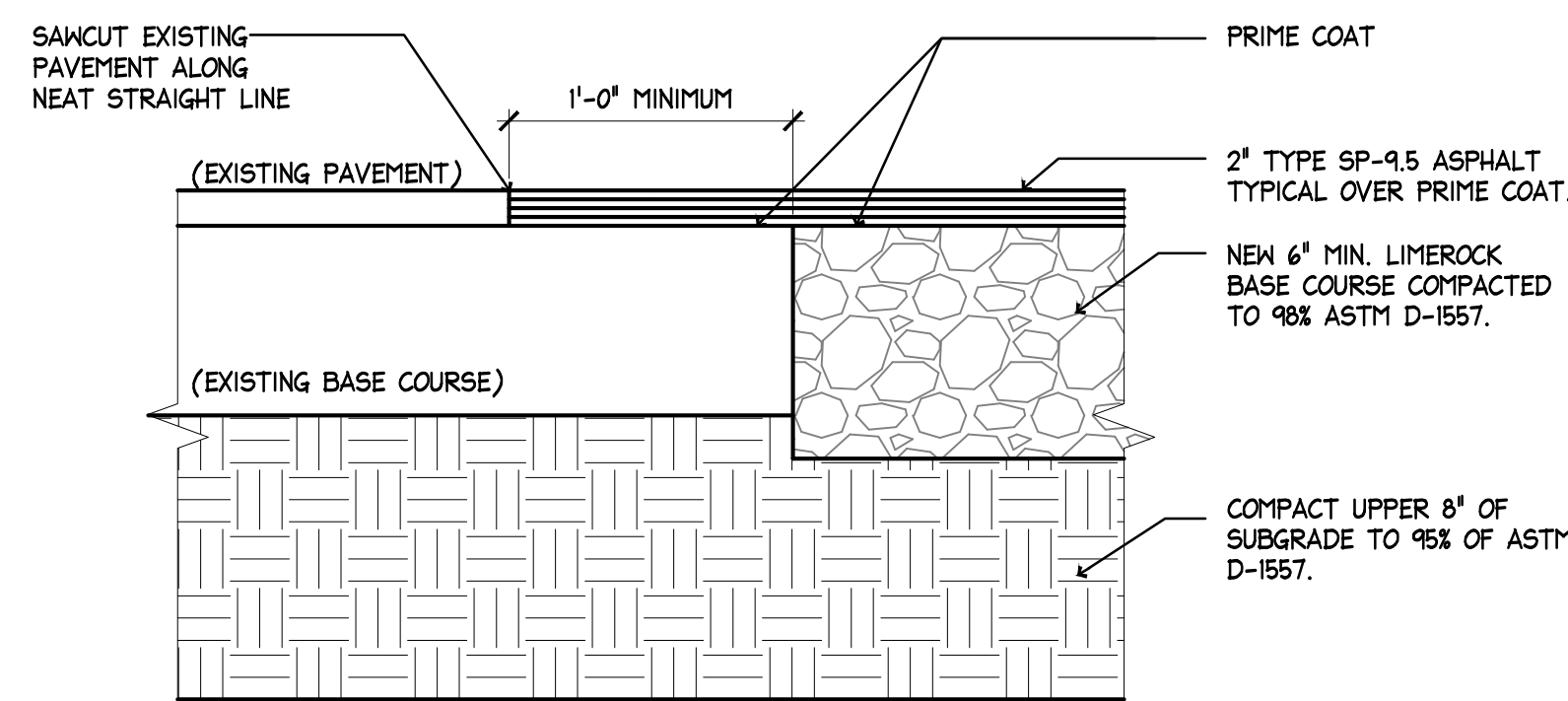
A2

REINFORCED CONCRETE NOTES:

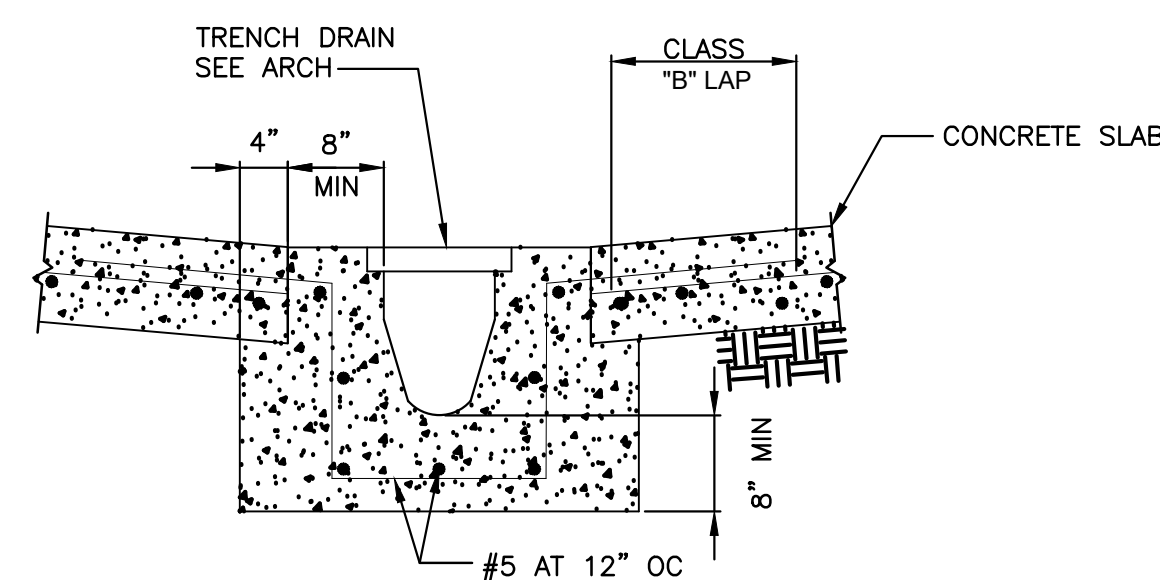
- 300.1 ALL REINFORCED CONCRETE WORK SHALL BE IN CONFORMANCE WITH THE "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE" (ACI 318, LATEST EDITION) AND SPECIFICATIONS FOR STRUCTURAL CONCRETE (ACI 301, LATEST EDITION) OF THE AMERICAN CONCRETE INSTITUTE.
- 300.2 MINIMUM DESIGN COMPRESSION STRENGTH (f'_c) REQUIRED AT 28 DAYS:
- A. FOUNDATIONS _____ 3000 PSI
 - B. GRADE BEAMS AND AUGER PILES _____ 4000 PSI
 - C. SLABS ON GRADE, WALLS, AND STAIRS _____ 4000 PSI
- 300.3 MAXIMUM WATER TO CEMENTITIOUS MATERIALS RATIO:
- A. FOUNDATIONS _____ 0.60
 - B. GRADE BEAMS AND AUGER PILES _____ 0.45
 - C. SLABS ON GRADE, WALLS, AND STAIRS _____ 0.45
- 300.4 ALL CONCRETE SHALL BE NORMAL WEIGHT CONCRETE (MINIMUM 144 PCF) WITH ALL CEMENT CONFORMING TO ASTM C150, TYPE I, II OR I/II. MAXIMUM AGGREGATE SIZE SHALL BE 1-1/2" FOR FOOTINGS AND 3/4" FOR WALLS AND SLABS, CONFORMING TO ASTM C33.
- 300.5 REINFORCEMENT
- A. DEFORMED BARS _____ ASTM A615, GRADE 60
 - B. WELDED WIRE FABRIC _____ ASTM A185
- 300.6 MINIMUM COVER FOR CAST-IN-PLACE CONCRETE REINF., UNLESS OTHERWISE SHOWN ON DRAWINGS, SHALL BE AS FOLLOWS:
- A. FOUNDATIONS AND AUGER PILES _____ 3"
 - B. GRADE BEAMS _____ 2"
 - C. WALLS AND STAIRS _____ 2"
 - D. SLABS CAST AGAINST EARTH _____ CENTERED
- 300.7 SPLICES IN REINFORCEMENT, WHERE PERMITTED, SHALL BE AS FOLLOWS:
- A. WELDED WIRE MESH _____ 8"
 - B. ALL OTHERS _____ CLASS "B" TENSION, MINIMUM, UNLESS OTHERWISE NOTED
- 300.8 CLASS "B", CASE "1" TENSION SPLICES IN INCHES, SHALL BE AS FOLLOWS:
- | SIZE | 3000 PSI | | 4000 PSI | |
|-----------|----------|------------|----------|------------|
| | TOP BARS | ALL OTHERS | TOP BARS | ALL OTHERS |
| #3 (#10) | 28 | 22 | 24 | 19 |
| #4 (#13) | 37 | 29 | 32 | 25 |
| #5 (#16) | 47 | 36 | 40 | 31 |
| #6 (#19) | 56 | 43 | 48 | 37 |
| #7 (#22) | 81 | 63 | 70 | 54 |
| #8 (#25) | 93 | 72 | 80 | 62 |
| #9 (#29) | 105 | 81 | 91 | 70 |
| #10 (#32) | 118 | 91 | 102 | 79 |
| #11 (#36) | 131 | 101 | 113 | 87 |
- 300.9 SPLICES IN TOP REINFORCEMENT SHALL BE LOCATED AT MIDSPAN AND SPLICES IN BOTTOM REINFORCEMENT SHALL BE LOCATED OVER SUPPORTS, UNLESS NOTED OTHERWISE.
- 300.10 TOP BARS IN BEAMS SHALL TERMINATE IN A CLASS "B" TENSION SPLICE OR HOOK AT DISCONTINUOUS END.
- 300.11 ALL REINFORCING SHALL BE HELD SECURELY IN POSITION WITH STANDARD ACCESSORIES DURING PLACEMENT OF CONCRETE. REINFORCING SUPPORTS FOR ALL EXPOSED CONCRETE SHALL BE GALVANIZED WITH PLASTIC COATED FEET. ALL WELDED WIRE MESH SHALL BE CHAIRED IN ACCORDANCE WITH THE DESIGN BUILDING CODE.
- 300.12 ALL TIES SHALL HAVE 135 DEGREE HOOKS.



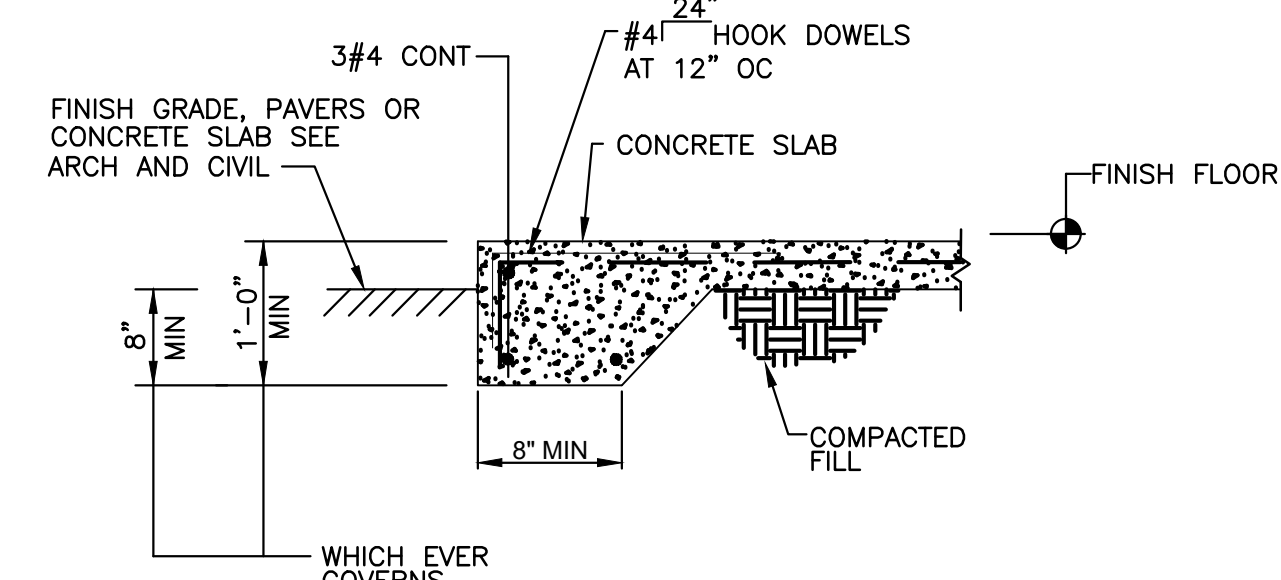
5 CONCRETE SLAB DETAIL AT CATCH BASIN SCALE: 3/4"=1'-0"



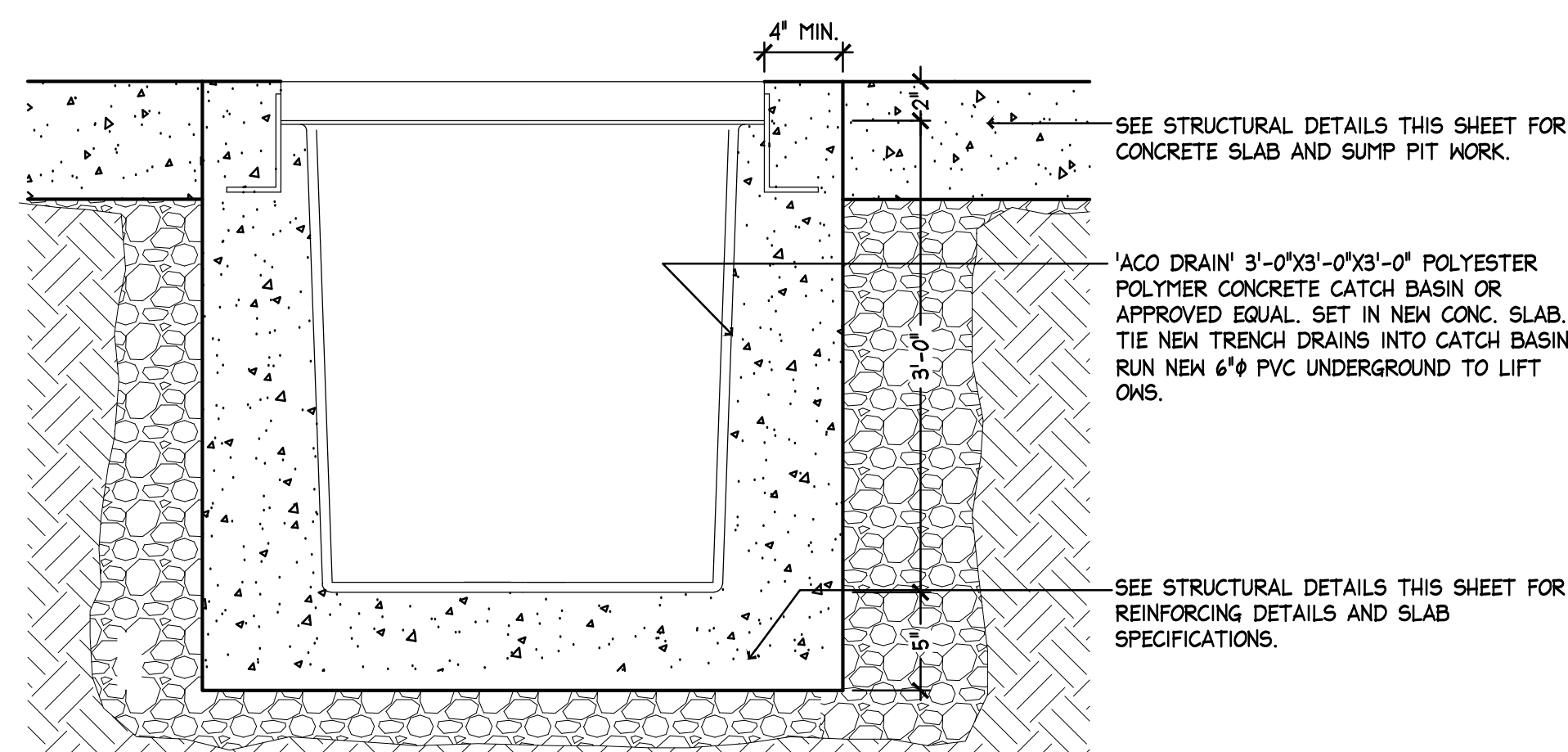
6 PAVEMENT CONNECTION TO EXISTING SURFACE SCALE: 1/2"=1'-0"



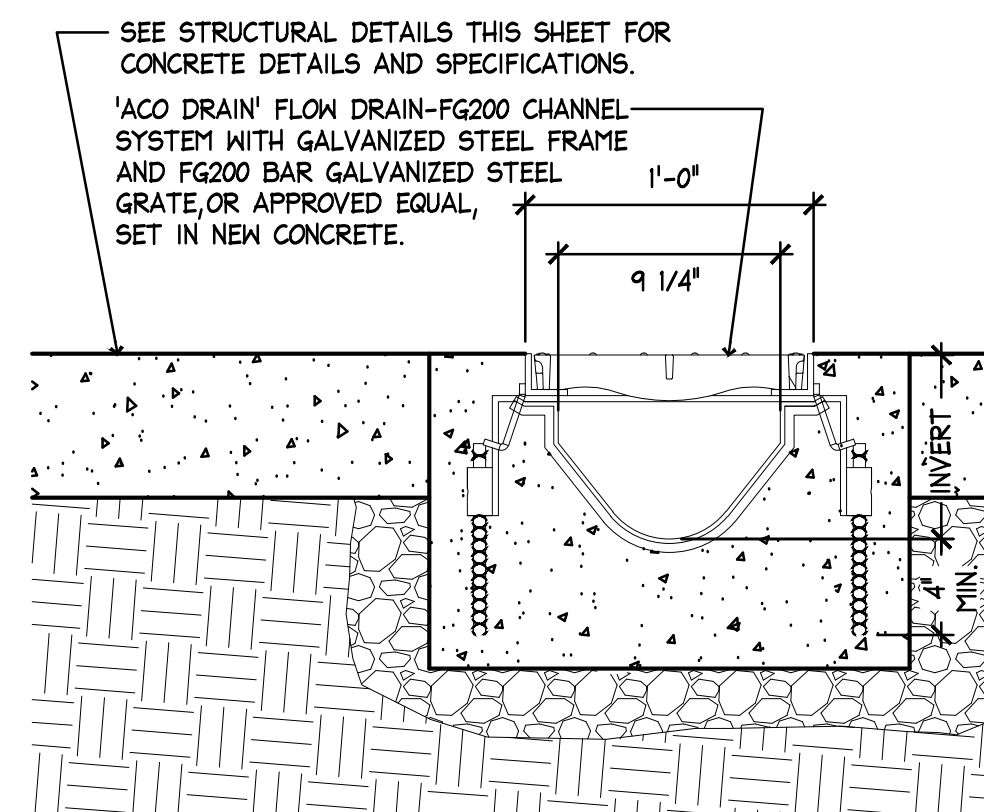
4 SLAB DETAIL AT TRENCH DRAIN SCALE: 3/4"=1'-0"



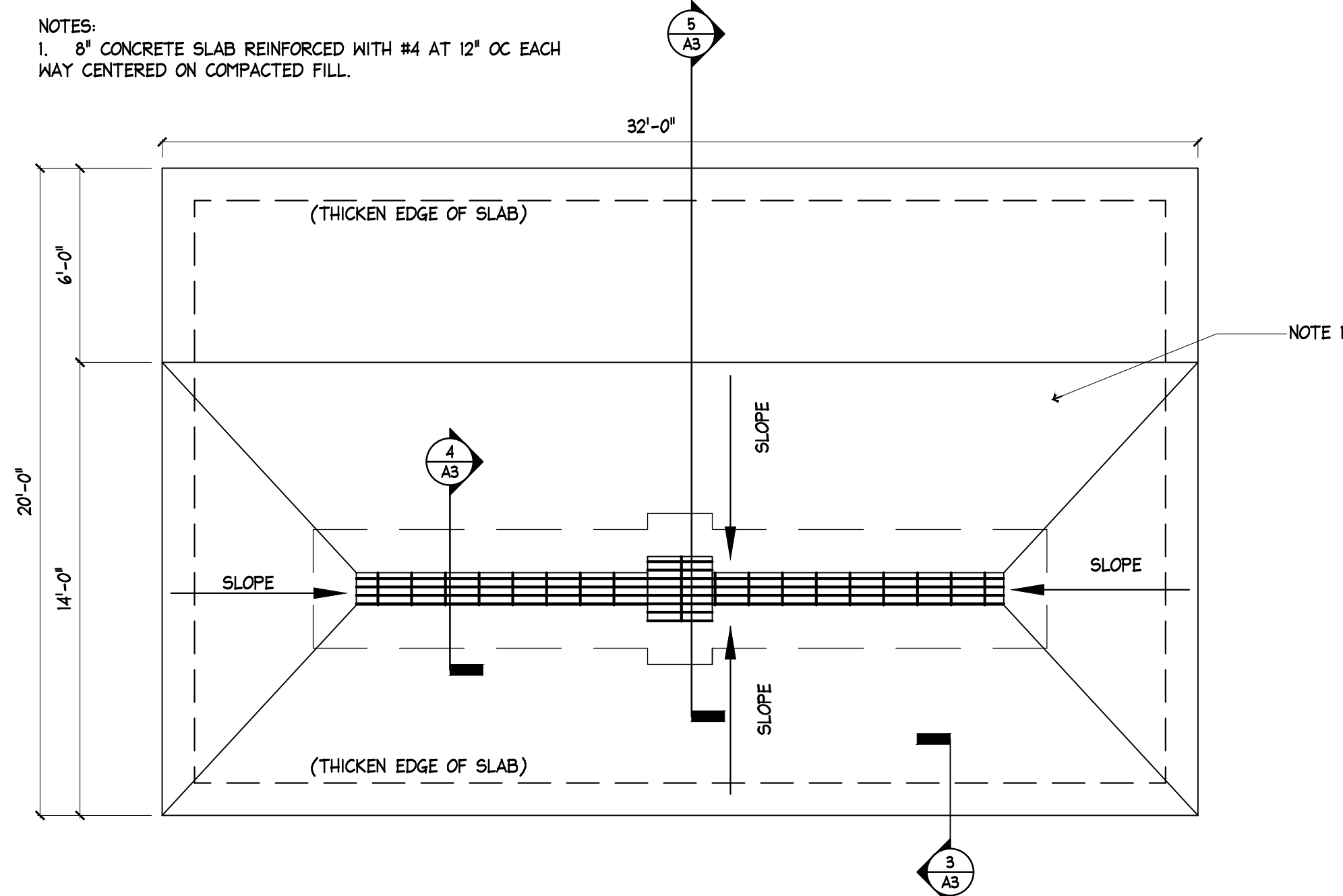
3 CONCRETE SLAB EDGE DETAIL SCALE: 3/4"=1'-0"



2 TRENCH DRAIN AND CATCH BASIN DETAILS SCALE: 1/4"=1'-0"



1 PLAN OF CONCRETE SLAB SCALE: 1-1/2"=1'-0"



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

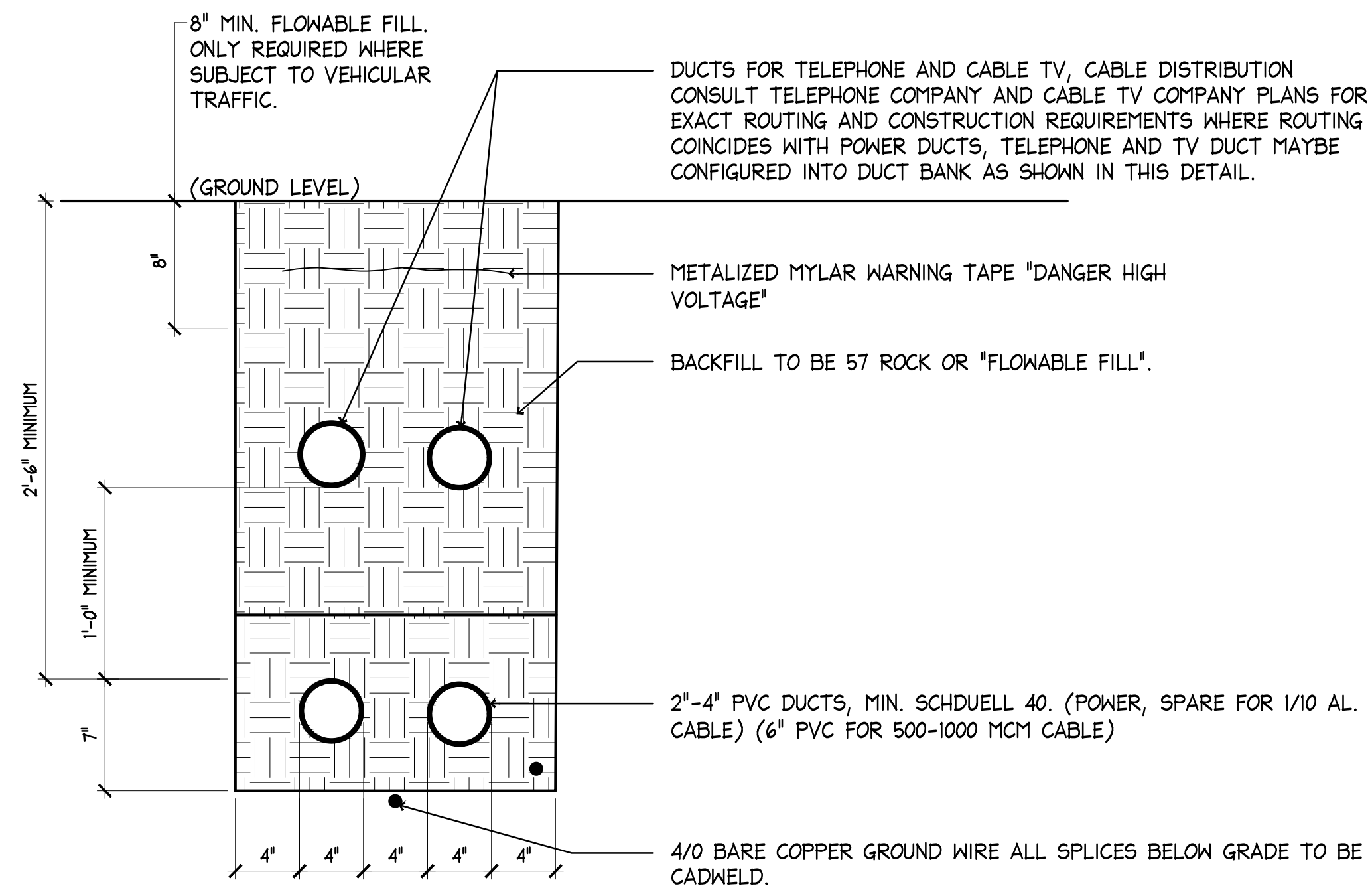
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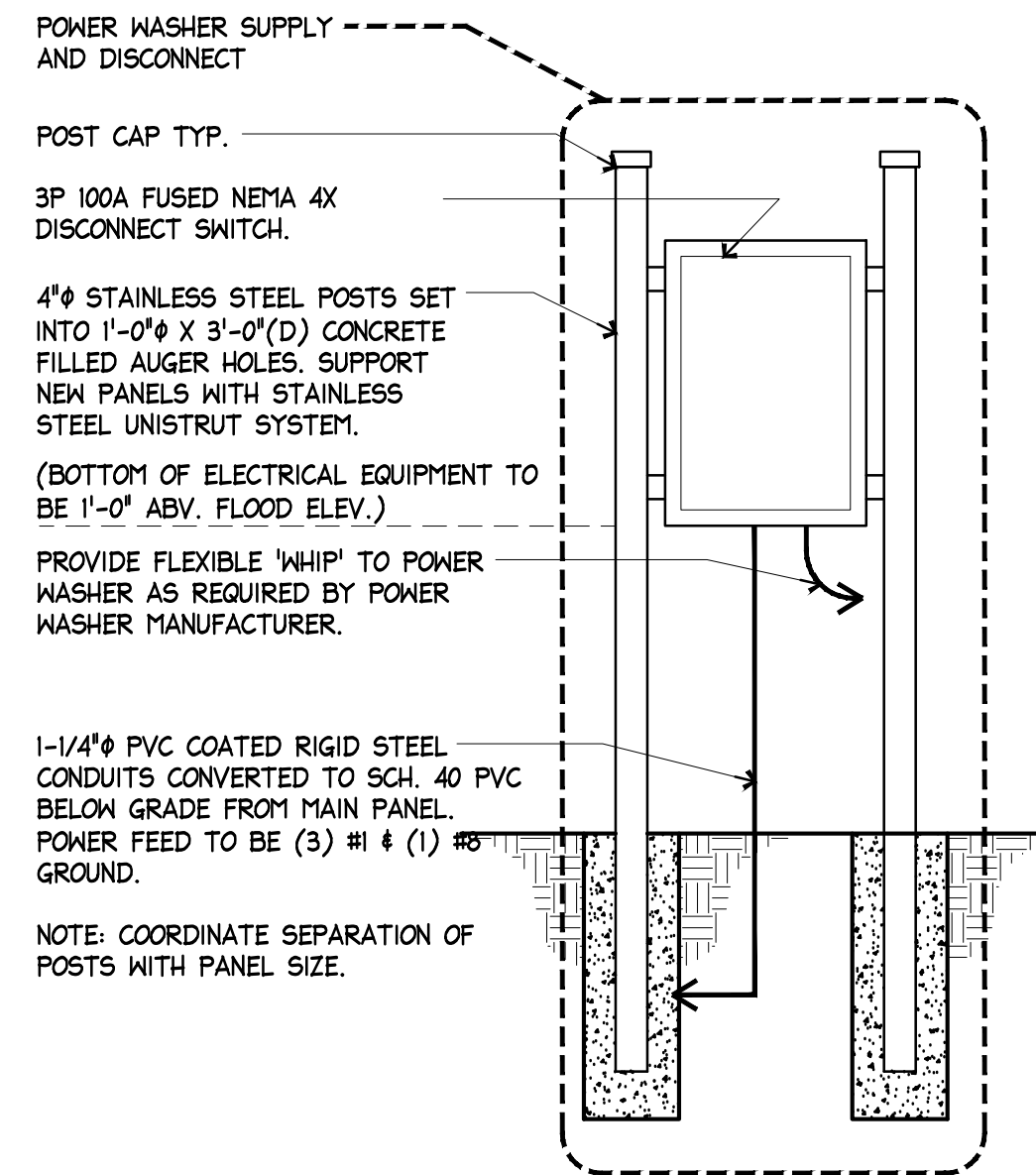
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A3

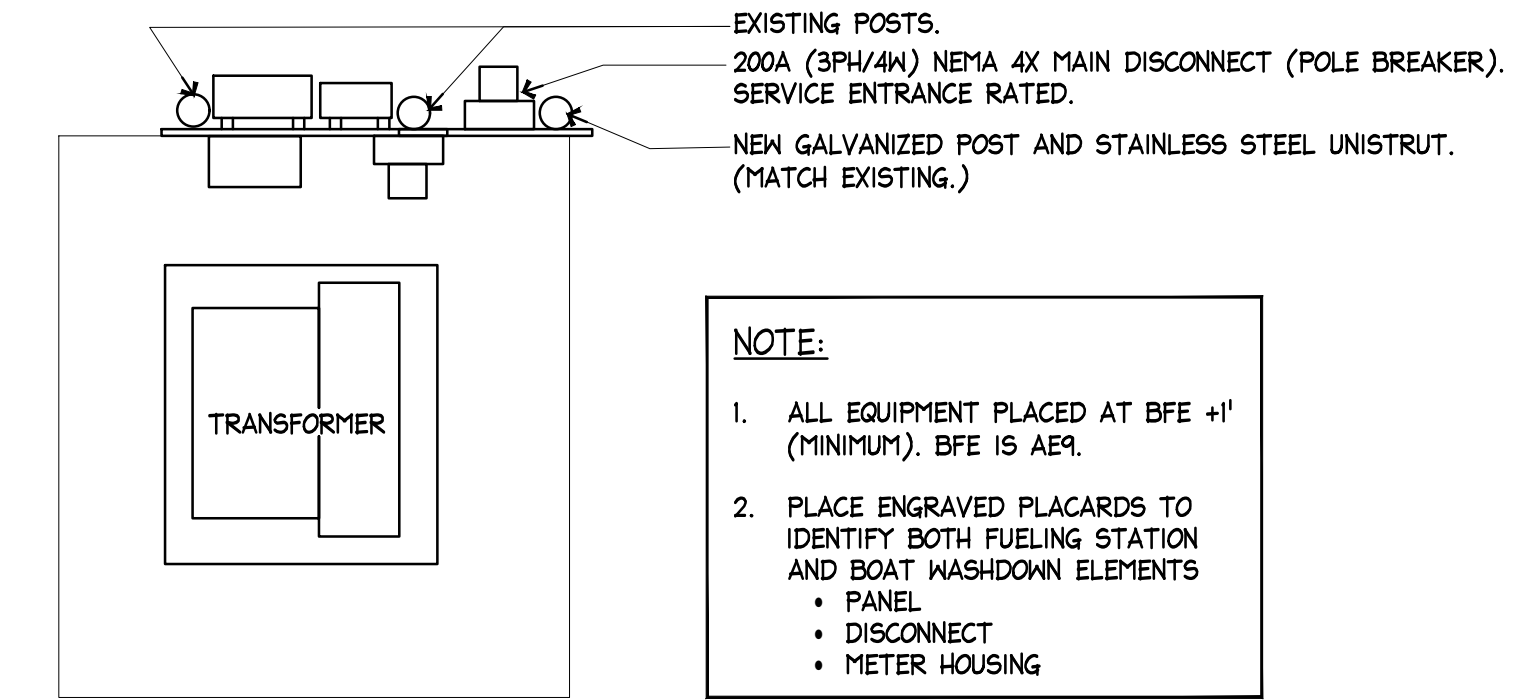


5 TYPICAL HIGH VOLTAGE UNDERGROUND TRENCH DETAIL

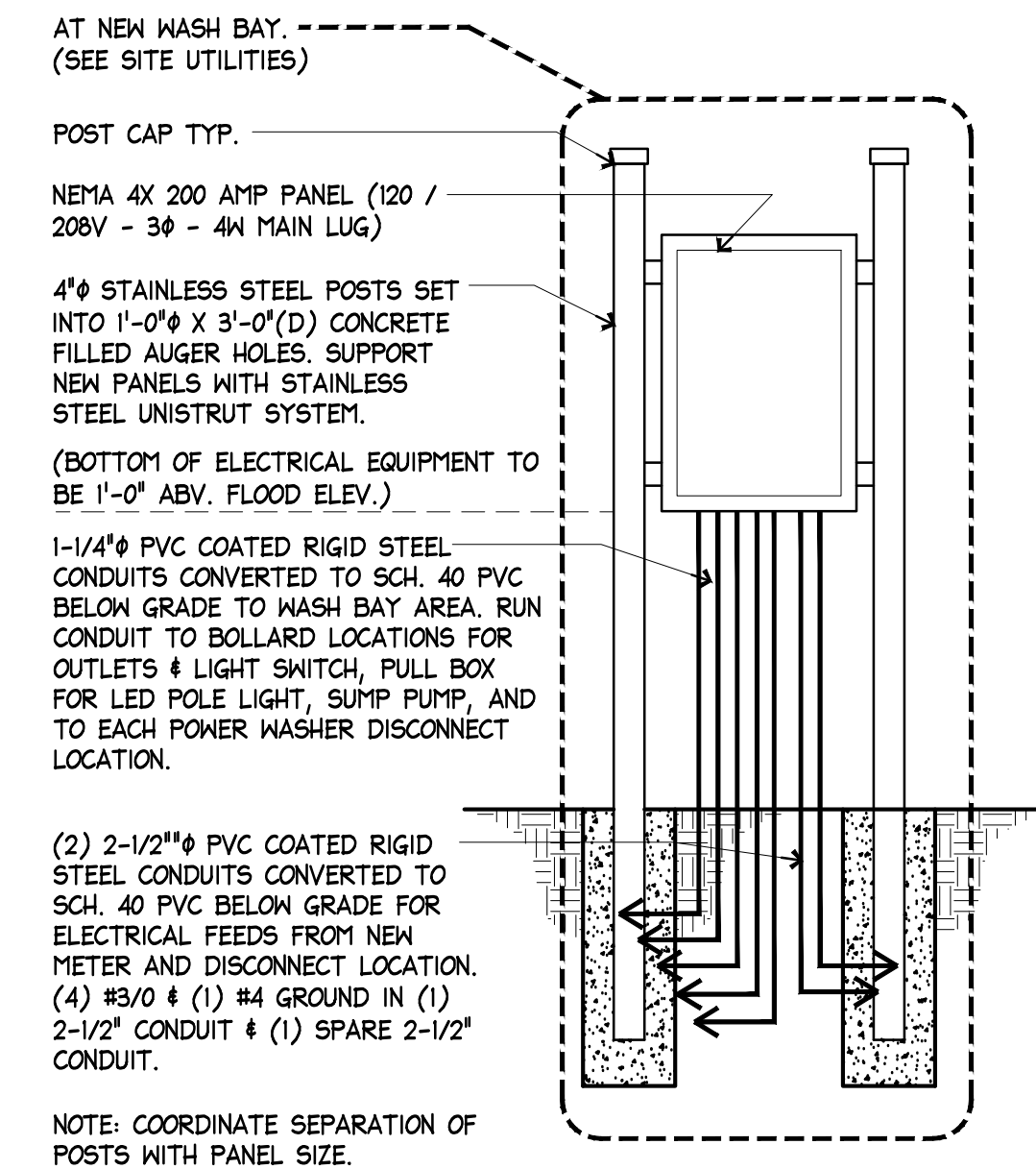
SCALE: 1 1/2"=1'-0"



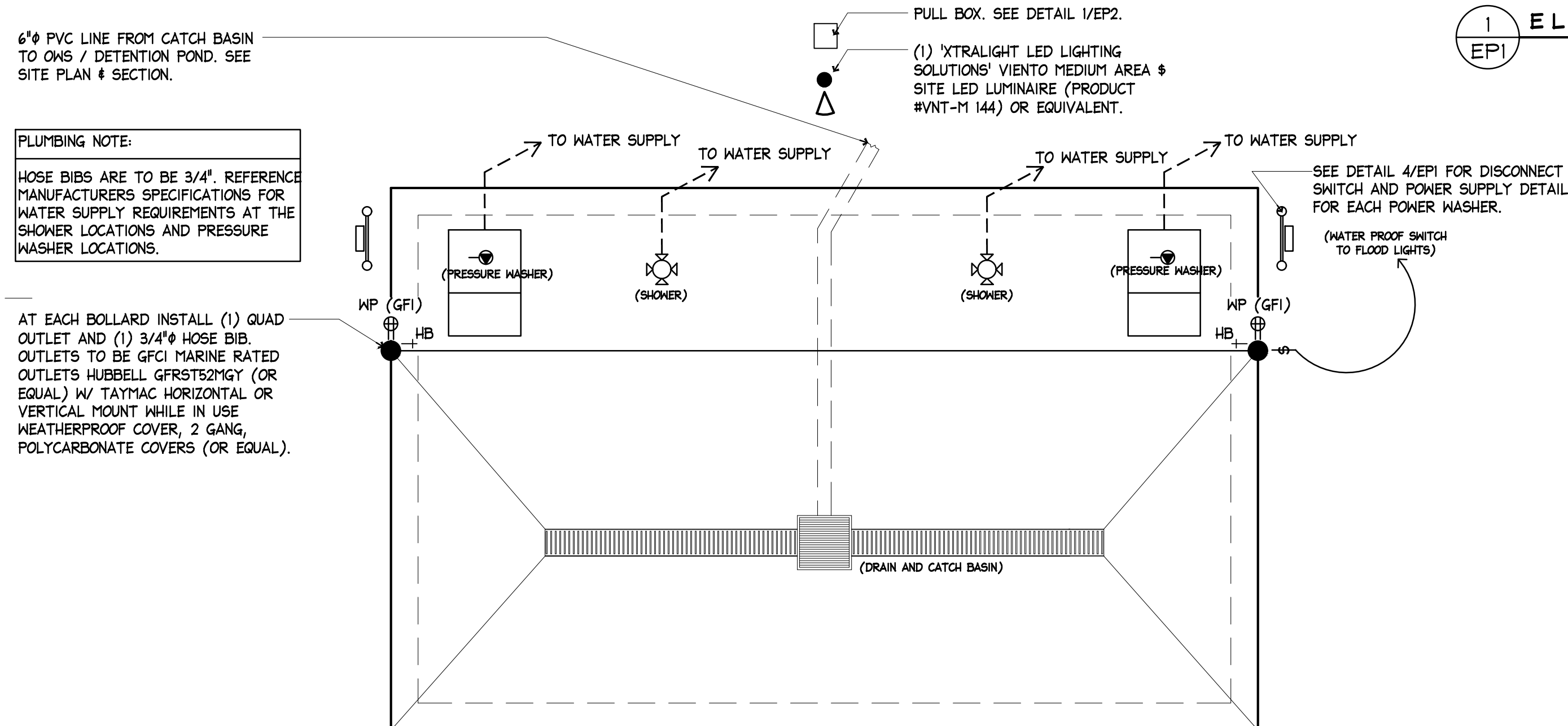
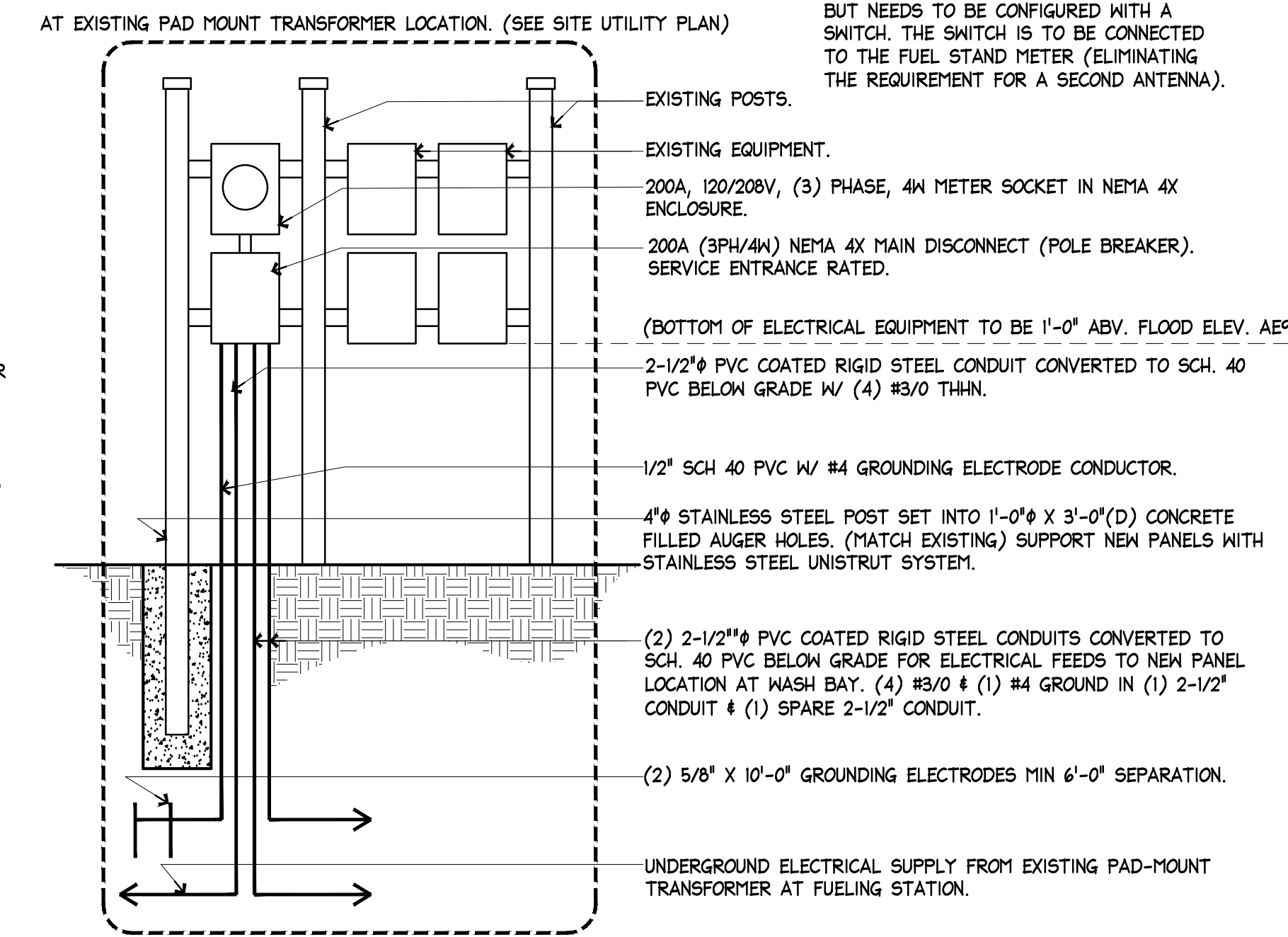
4 POWER WASHER SUPPLY & DISCONNECT



3 EXISTING TRANSFORMER LOCATION



1 ELECTRICAL RISER DIAGRAM



2 PROPOSED ELECTRICAL & PLUMBING FLOOR PLAN OF WASH BAY AREA

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



| PANEL 'MP1' SCHEDULE | | | | INSTALL PANEL SURGE PROTECTOR 200 AMP PANEL 120 / 208V - 3P - 4W MAIN CKT BKR | | | | | |
|----------------------|--------------------|-------|------|--|-------|--------------------|-------|------|-----------------|
| CRC'T | DESCRIPTION | BRK'R | POLE | LOAD WATTS (VA) | CRC'T | DESCRIPTION | BRK'R | POLE | LOAD WATTS (VA) |
| 1 | LIGHTING CIRCUIT | 20 | 1 | 1920 | 2 | RECEPTACLE CIRCUIT | 20 | 1 | 360 |
| 3 | RECEPTACLE CIRCUIT | 20 | 1 | 360 | 4 | POWER WASHER | 100 | 3 | 22,356 |
| 5 | POWER WASHER | 100 | 3 | 22,356 | 6 | | | | |
| 7 | | | | | 8 | | | | |
| 9 | | | | | 10 | SUMP PUMP | 40 | 2 | 3,952 |
| 11 | SUMP PUMP | 40 | 2 | 3,952 | 12 | | | | |
| 13 | | | | | 14 | SPACE | | | |
| 15 | SPACE | | | | 16 | SPACE | | | |
| 17 | SPACE | | | | 18 | SPACE | | | |
| 19 | SPACE | | | | 20 | SPACE | | | |
| 21 | SPACE | | | | 22 | SPACE | | | |
| 23 | SPACE | | | | 24 | SPACE | | | |
| 25 | SPACE | | | | 26 | SPACE | | | |
| 27 | SPACE | | | | 28 | SPACE | | | |
| 29 | SPACE | | | | 30 | SPACE | | | |
| 31 | SPACE | | | | 32 | SPACE | | | |

NOTES: 1. VERIFY ALL LOADS AND BREAKER REQUIREMENTS WITH MANUFACTURERS SPECIFICATIONS.

| ELECT. LOAD CALCS - PAVILION | |
|---|------------------|
| LIGHTING @ 125% OUTLETS | 2,400 VA 360 |
| POWER WASHER X 125% | 27,945 |
| POWER WASHER | 22,356 |
| SUMP PUMP | 3,952 |
| SUMP PUMP | 3,952 |
| TOTAL CALC. LOAD | 60,965 VA |
| TOTAL LOAD PER N.E.C. 220-31 | 60,965 VA |
| MAX. DEMAND = 60,965 VA / 360V = | 170 AMPS |

NOTE:
ALL ELECTRICAL WORK TO COMPLY W/ 2017 EDITION OF NEC.

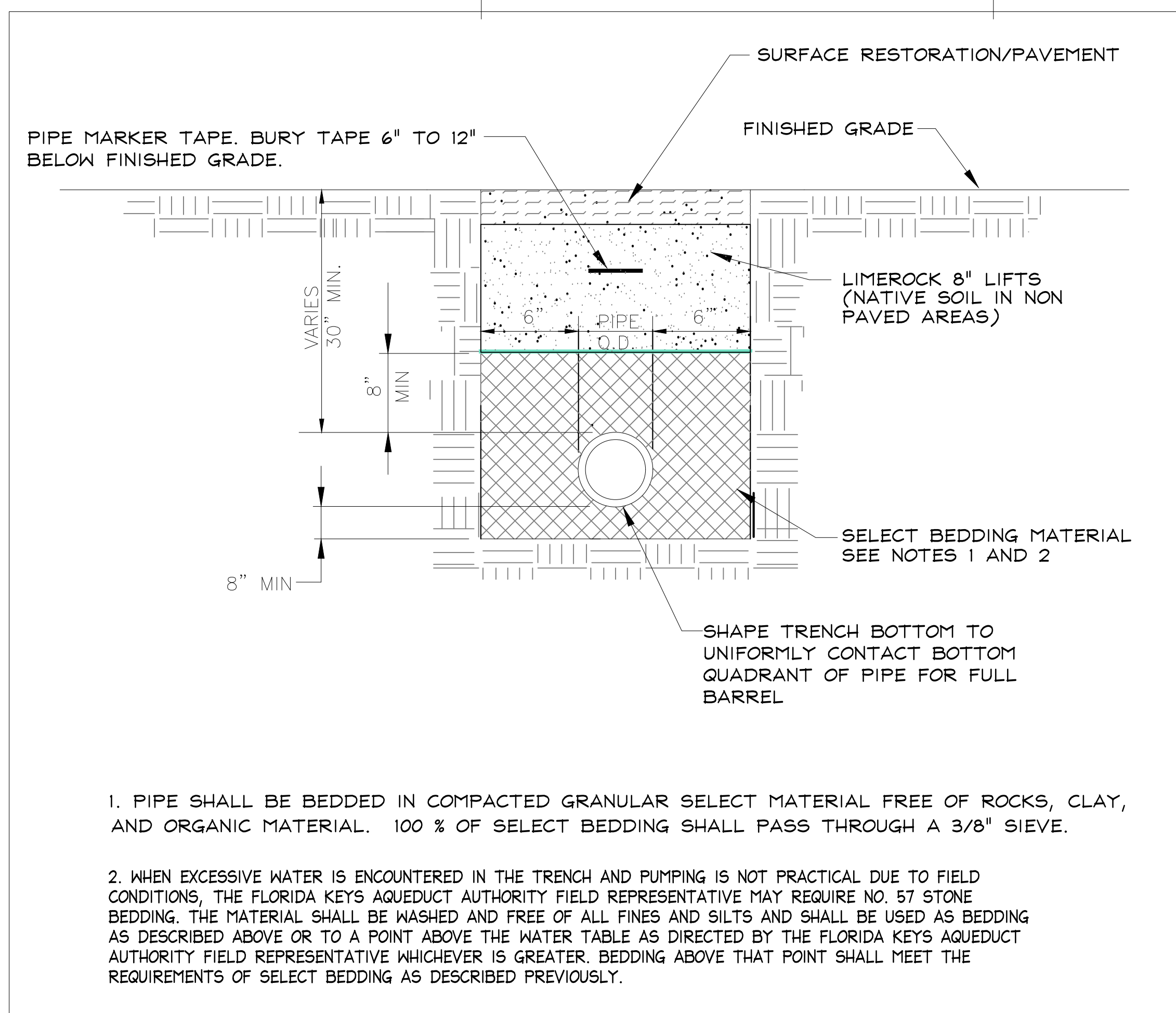
BOAT WASHDOWN FACILITY
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Project No: 1836
Date: 3/12/21

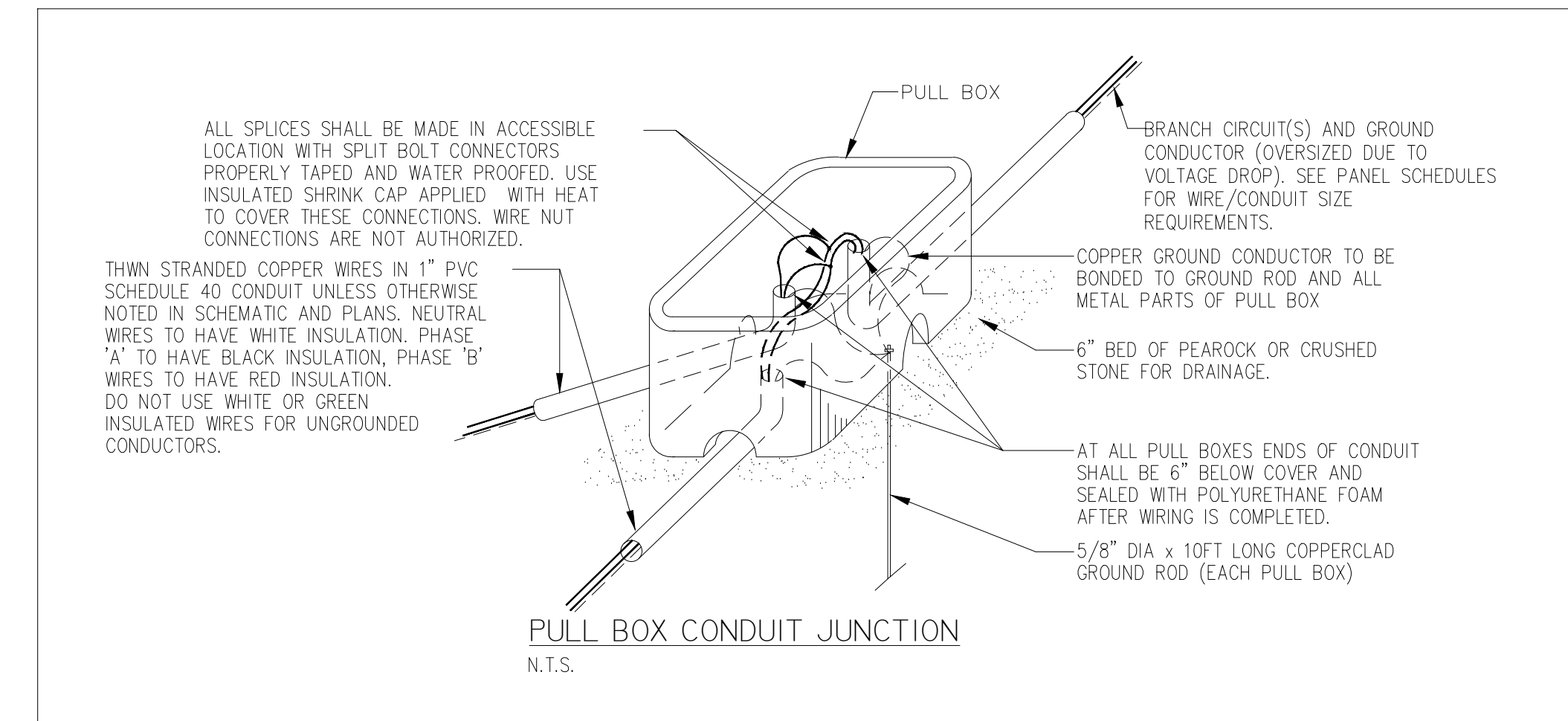
EP1



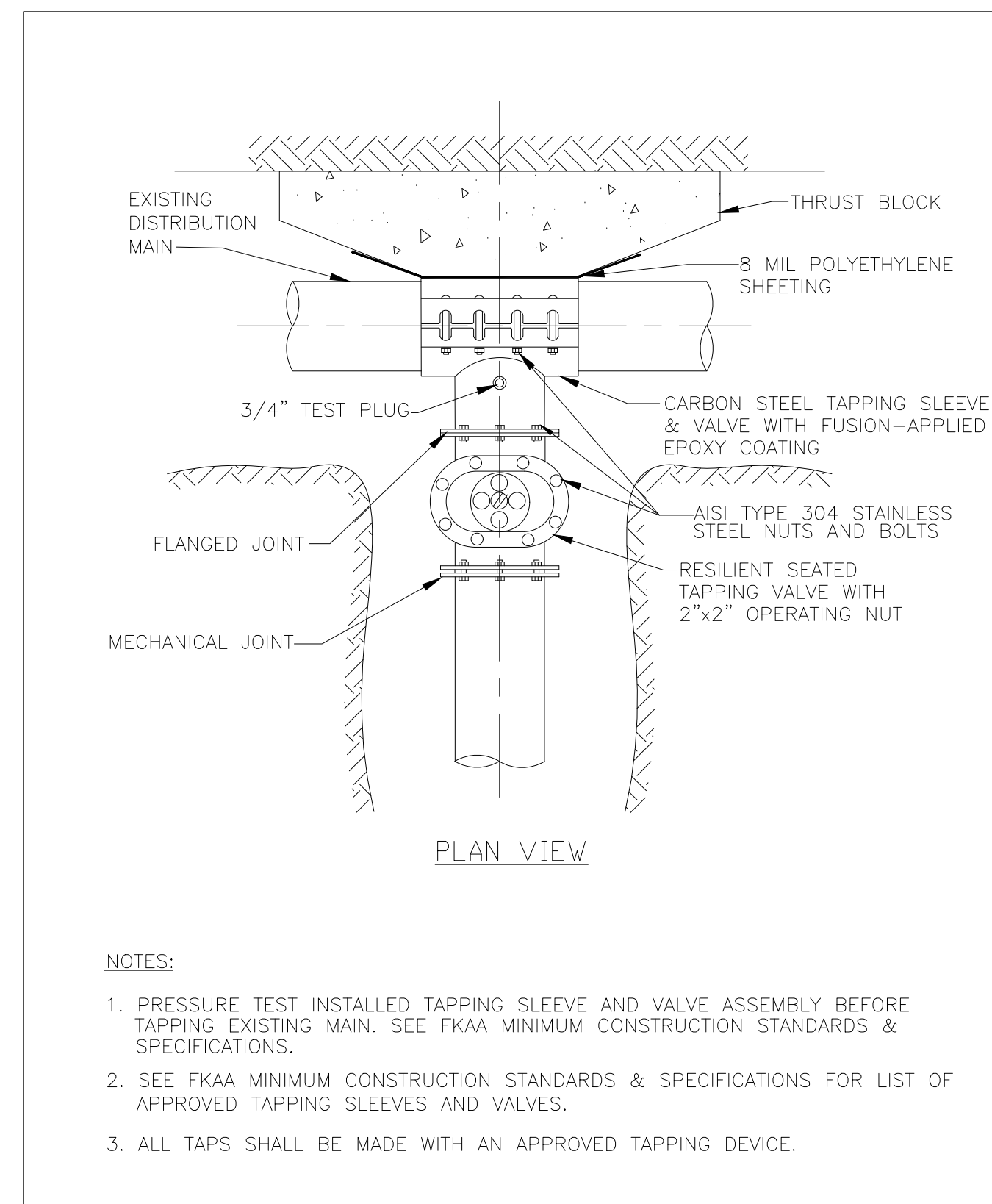
1. PIPE SHALL BE BEDDED IN COMPACTED GRANULAR SELECT MATERIAL FREE OF ROCKS, CLAY, AND ORGANIC MATERIAL. 100 % OF SELECT BEDDING SHALL PASS THROUGH A 3/8" SIEVE.
2. WHEN EXCESSIVE WATER IS ENCOUNTERED IN THE TRENCH AND PUMPING IS NOT PRACTICAL DUE TO FIELD CONDITIONS, THE FLORIDA KEYS AQUEDUCT AUTHORITY FIELD REPRESENTATIVE MAY REQUIRE NO. 57 STONE BEDDING. THE MATERIAL SHALL BE WASHED AND FREE OF ALL FINES AND SILTS AND SHALL BE USED AS BEDDING AS DESCRIBED ABOVE OR TO A POINT ABOVE THE WATER TABLE AS DIRECTED BY THE FLORIDA KEYS AQUEDUCT AUTHORITY FIELD REPRESENTATIVE WHICHEVER IS GREATER. BEDDING ABOVE THAT POINT SHALL MEET THE REQUIREMENTS OF SELECT BEDDING AS DESCRIBED PREVIOUSLY.

3 UTILITY TRENCH DETAIL
EP2

SCALE: N.T.S.



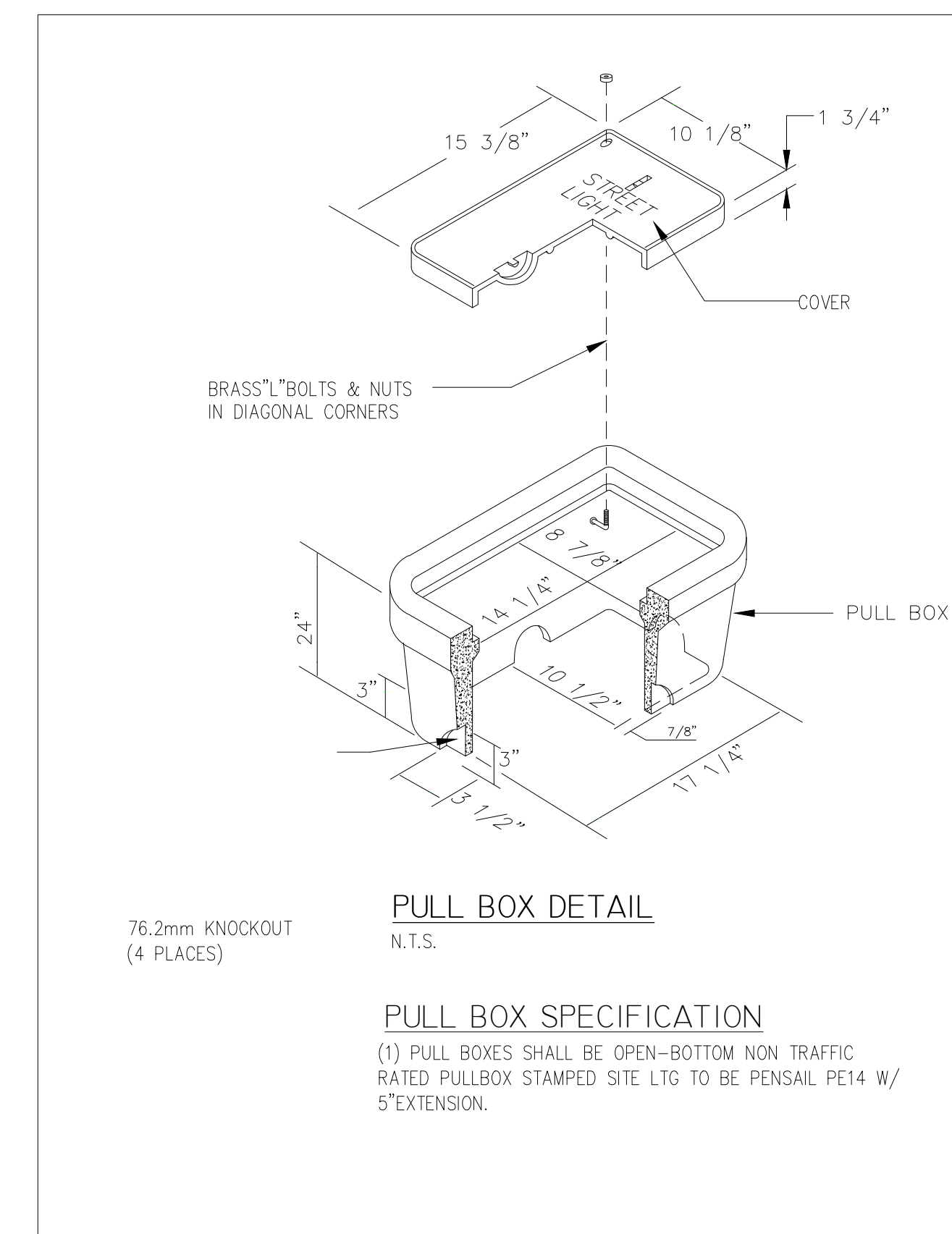
PULL BOX CONDUIT JUNCTION
N.T.S.



- NOTES:
1. PRESSURE TEST INSTALLED TAPPING SLEEVE AND VALVE ASSEMBLY BEFORE TAPPING EXISTING MAIN. SEE FKA MINIMUM CONSTRUCTION STANDARDS & SPECIFICATIONS.
 2. SEE FKA MINIMUM CONSTRUCTION STANDARDS & SPECIFICATIONS FOR LIST OF APPROVED TAPPING SLEEVES AND VALVES.
 3. ALL TAPS SHALL BE MADE WITH AN APPROVED TAPPING DEVICE.

2 TAPPING SLEEVE DETAIL
EP2

SCALE: N.T.S.



PULL BOX DETAIL
N.T.S.

PULL BOX SPECIFICATION

- (1) PULL BOXES SHALL BE OPEN-BOTTOM NON TRAFFIC RATED PULLBOX STAMPED SITE LTG TO BE PENSIL PE14 W/ 5' EXTENSION.

1 PULL BOX DETAIL
EP2

SCALE: N.T.S.

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EP2