

CITY OF PETALUMA

POST OFFICE BOX 61 PETALUMA, CA 94953-0061

Teresa Barrett
Mayor

September 10, 2020

D'Lynda Fischer Mike Healy Gabe Kearney Dave King Kevin McDonnell Kathy Miller Councilmembers

To: All Planholders (via email)

Payran Lift Station Rehabilitation City Project No. C66501519

ADDENDUM NO. 1

BID SUBMITTAL DATE CHANGE

The bid submittal date has been changed from 2:00 PM on Thursday, September 24, 2020 to 2:00 PM on Wednesday, September 30, 2020. This date and time shall be changed on all pertinent portions of the bid documents.

NOTICE INVITING BID CHANGE

Public Works & Utilities

City Engineer
English Street

11 English Street Petaluma, CA 94952 Phone (707) 778-4303

Environmental Services

Ellis Creek – Water Recycling Facility 3890 Cypress Drive Petaluma, CA 94954 Phone (707) 776-3777 Fax (707) 656-4067

Parks & Facility Maintenance 840 Hopper St. Ext. Petaluma, CA 94952

Phone (707) 778-4303 Fax (707) 206-6065

Transit Division

555 N. McDowell Blvd. Petaluma, CA 94954 Phone (707) 778-4421

Utilities & Field Operations

202 N. McDowell Blvd. Petaluma, CA 94954 Phone (707) 778-4546 Fax (707) 206-6034

E-Mail:

publicworks@cityofpetaluma.org

Refer to page 1, item 2 of the Notice of Inviting Bids. The Bids will be opened and read at 2:00 PM (enter time) on Thursday, September 24, 2020, at the office of the CITY. The CITY reserves the right to postpone the date and time for opening of Bids at any time prior to the aforesaid date and time.

The following paragraphs of the "Notice Inviting Bids" will be modified as described.

1. **RECEIPT OF BIDS**: Bids for this project will be submitted by email before 2:00 PM on **Wednesday**, **September 30**, **2020**. The emailed bid will include all of the completed documents found in the BID FORMS section of the Contract Documents. The bids will be emailed to:

<u>CITYCLERK@cityofpetaluma.org</u>. The email subject line will be "Bid for <u>Payran Lift Station Rehabilitation</u>, <u>C66501519</u>". The response email from the City Clerk will indicate the time stamp of the bid receipt.

Original copies of the Sealed Bids will be sent by standard United States Postal Service (USPS) mail services and received by the mail clerk at 11 English Street, Petaluma CA 94952. The Sealed Bids will be postmarked at USPS not later than the date of September 30, 2020. Sealed Bids postmarked after September 30, 2020, may not be considered. The Sealed Bids sent via USPS will

include all of the original signed and sealed documents included in the Bid Form section of the Contract Documents. This packet will be clearly marked on the outside of the package "Sealed Bid for Payran Lift Station Rehabilitation, C66501519".

2. OPENING OF BIDS: The emailed bids will be opened by the Project Manager and the City Clerk. The bids will be documented on the Bid Result template with the name of the bidding contractor and ranked by the Base Bid dollar amount. The Bid results will be posted on the City's webpage at https://cityofpetaluma.org/bid-opportunities-2/

CHANGES TO TECHNICAL SPECIFICATIONS

1. Technical Specification Section 17200-2.01D shall be revised to read "Pump Control Panel shall be provided by UL Listed 508A panel shop. Pump Control Panel shall be supplied by Tesco Controls, KBL Associates, Technical Systems Inc. (TSI), and Control Systems West Inc., no equal". In summary Control Systems West of Petaluma, CA is being added as an acceptable systems integrator.

CLARIFICATIONS TO CONTRACTORS

- 1. The bypass system shall be capable of flows stated in the contract documents and drawings. The contractor shall submit a bypass plan which includes redundant back-up pumps, auto-dialer, and method. It is the Contractor's responsibility to determine the lift station shut down time and bypass methods to ensure the waste water flow does not exceed the capacity within the sewer infrastructure in the area.
- 2. The approved shut down time for the pump station is shown on the Contract Drawings and is listed as no longer than 30 minutes and four times per day. Any shutdowns lasting longer than this for installation of bypass pumping equipment must be approved by City Staff. The City must be notified and approve of all pump station shutdowns.
- 3. The existing generator located within the building will become property of the Contractor as part of the Contract. The exterior generator will be removed during construction and will not be used by Contractor. The Contractor is responsible to provide any temporary or emergency backup power if needed.
- 4. The project site can be used for staging, as long as all areas of storm and sewer pumps are accessible to City Staff. The street directly in front of the project side is also available for staging. The Contractor shall not obstruct sidewalk or pedestrian/vehicular traffic during construction. Site security is also the responsibility of the Contractor. There is no securing fencing at the site. The Contractor shall install security fencing to protect their equipment.
- 5. There are two sets of as-builts for the pump station that are included in the contract documents and part of this addendum. The as-built completed in 1988 is for the original pump station and shows the existing wet well and dry vaults for the pump station. The as-built completed in 1999 shows the existing sewer/storm pump station building and all relevant information within.

- 6. The non-mandatory pre-bid meeting is scheduled for September 17th, 2020. If a contractor cannot make this meeting but wishes to visit the site prior to bidding, the Contractor may contact the project manager and schedule a site visit if available. There is no guarantee City Staff will be available to show the site on a different date, and the Contractor is advised to utilize the non-mandatory pre-bid meeting date shown in the notice inviting bids.
- 7. The engineer's estimate for this project is \$1,000,000.

SUBMITTAL CLARIFICATION TO CONTRACTORS - QUESTION AND ANSWER

Q: Can I submit the original copies of the sealed bid by FedEx, UPS, courier, other delivery service or drop the packet off myself?

A: Due to the COVID-19 Shelter in Place Order, the City of Petaluma has closed City Hall to the general public to continue the practice of "social distancing". We will only accept the sealed bid packet by the daily mail delivery of the United States Postal Service (USPS).

Q: What if the USPS delivers my original copies a week, or more, later?

A: As long as the USPS postmark on the exterior of the package shows September 30, 2020, or earlier we will accept your original copies.

Q: What if my email doesn't go through the internet system because the attachments have too many megabytes?

A: You may send multiple emails to CityClerk@cityofpetaluma.org. All emails and all attachments must be received and acknowledged by the City Clerk's response before 2:00PM on September 30, 2020. All emails must be titled "Bid for Payran Lift Station Rehabilitation, C66501519".

Q: What attachment file will you accept?

A: .PDF is preferred. Other common file formats are JPG, TIF, DOC, XLS.

Q: Will you video the bid opening?

A: The bid opening will not be video taped.

Q: How am I assured that you are really choosing the lowest bid?

A: The bid packets are kept by the City Clerk for the duration of the project. You may call the project manager after the low bid is posted if you want to see the bid information.

Q: Why are you doing it this way?

A: Due to the COVID-19 Shelter in Place Order we are trying to minimize person to person contact as much as possible to keep everyone as healthy as possible.

Q: What if my email goes to the junk or spam folder?

A: You may send a trial email in advance of the bid submittal date. Please send your email to CityClerk@cityofpetaluma.org.

This Addendum No. 1 shall become part of the Contract and all provisions of the Contract shall apply thereto. Bidders shall acknowledge all Addendums in the Bid Schedule.

City of Petaluma,

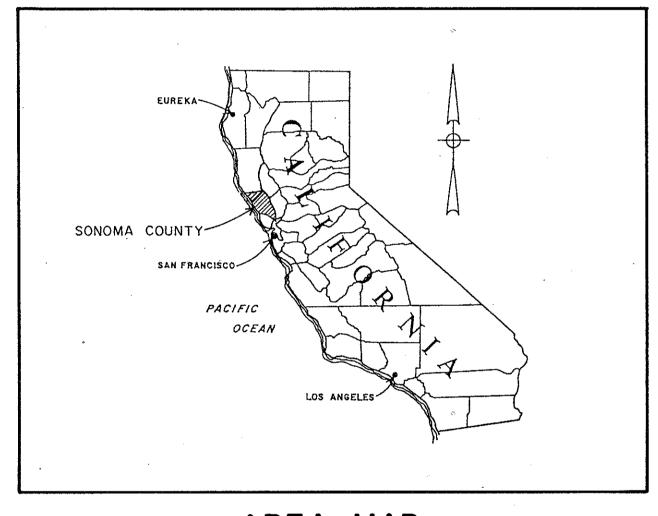
Daniel Herrera Senior Civil Engineer

Public Works & Utilities Department

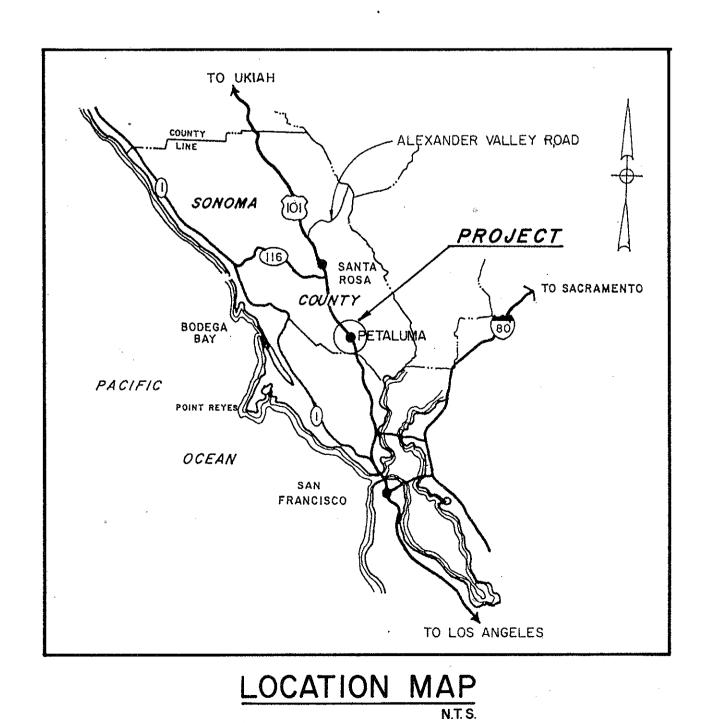
CITY OF PETALUMA

PAYRAN STREET PUMP STATION REPLACEMENT

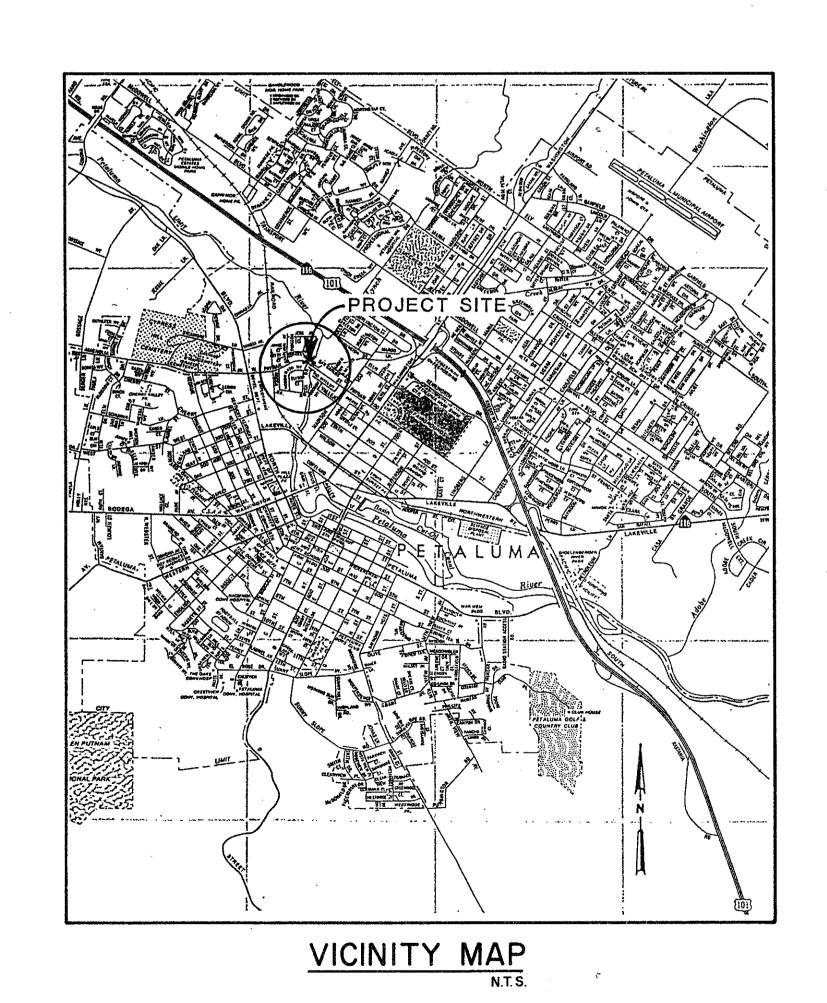
AUGUST, 1988



AREA MAP



PROJECT NO. 9684



	SHEET INDEX
SHEET NO.	TITLE
1	TITLE SHEET
2	PLAN AND PROFILE
3	PUMP STATION DETAILS
4	ELECTRICAL PLAN
5	ELECTRICAL DETAILS
6-15	CITY OF PETALUMA STANDARD DETAILS

RECORD DRAWING

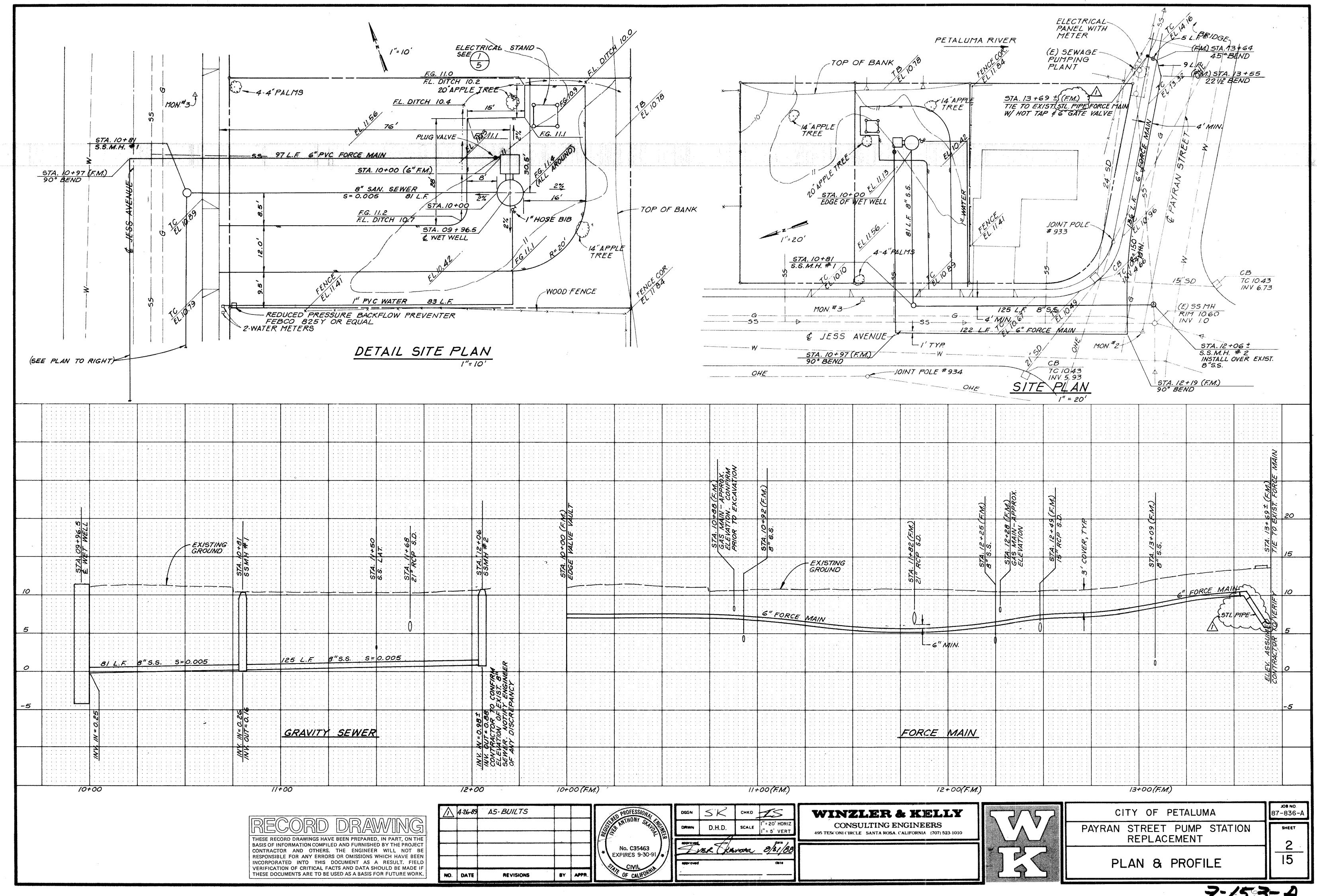
BASIS OF INFORMATION COMPILED AND FURNISHED BY THE PROJECT CONTRACTOR AND OTHERS. THE ENGINEER WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH HAVE BEEN INCORPORATED INTO THIS DOCUMENT AS A RESULT. FIELD VERIFICATION OF CRITICAL FACTS AND DATA SHOULD BE MADE IF THESE DOCUMENTS ARE TO BE USED AS A BASIS FOR FUTURE WORK.

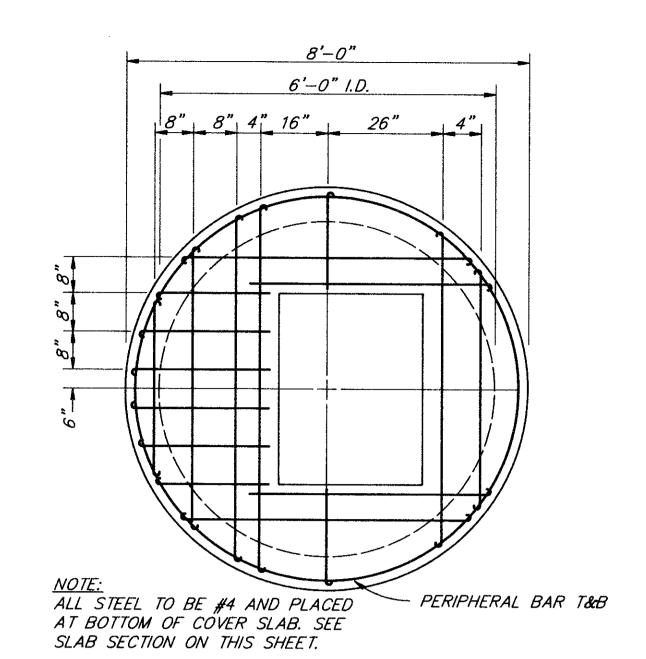
AS-BUILT 4-25-89

THOMAS SHARGIS, DIRECTOR OF PUBLIC WORKS, CITY ENGINEER

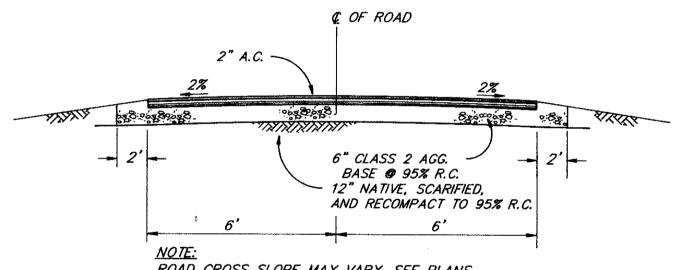
BY RCE 22366, DATE 8-31-88

WINZLER & KELLY
CONSULTING ENGINEERS



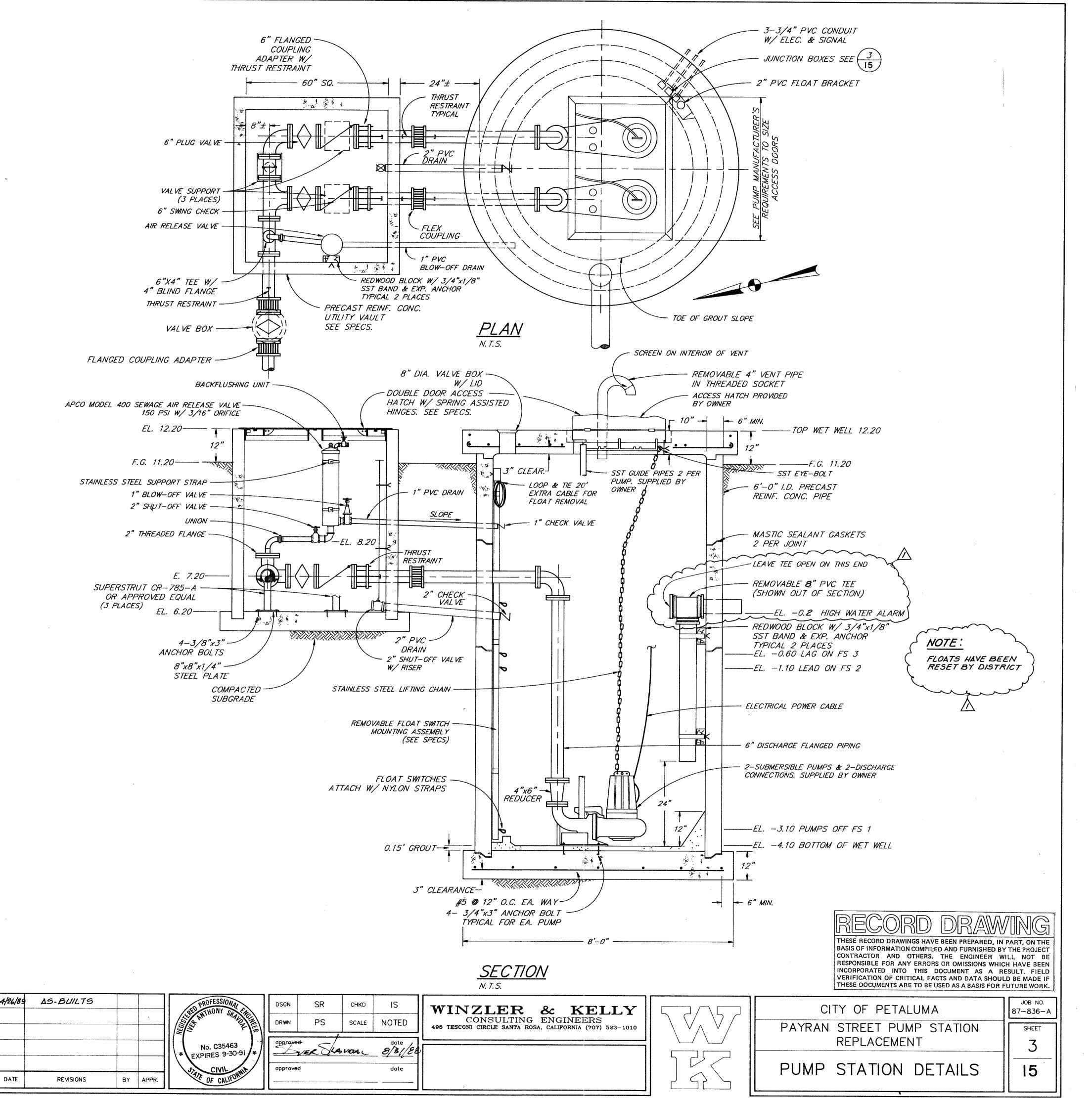


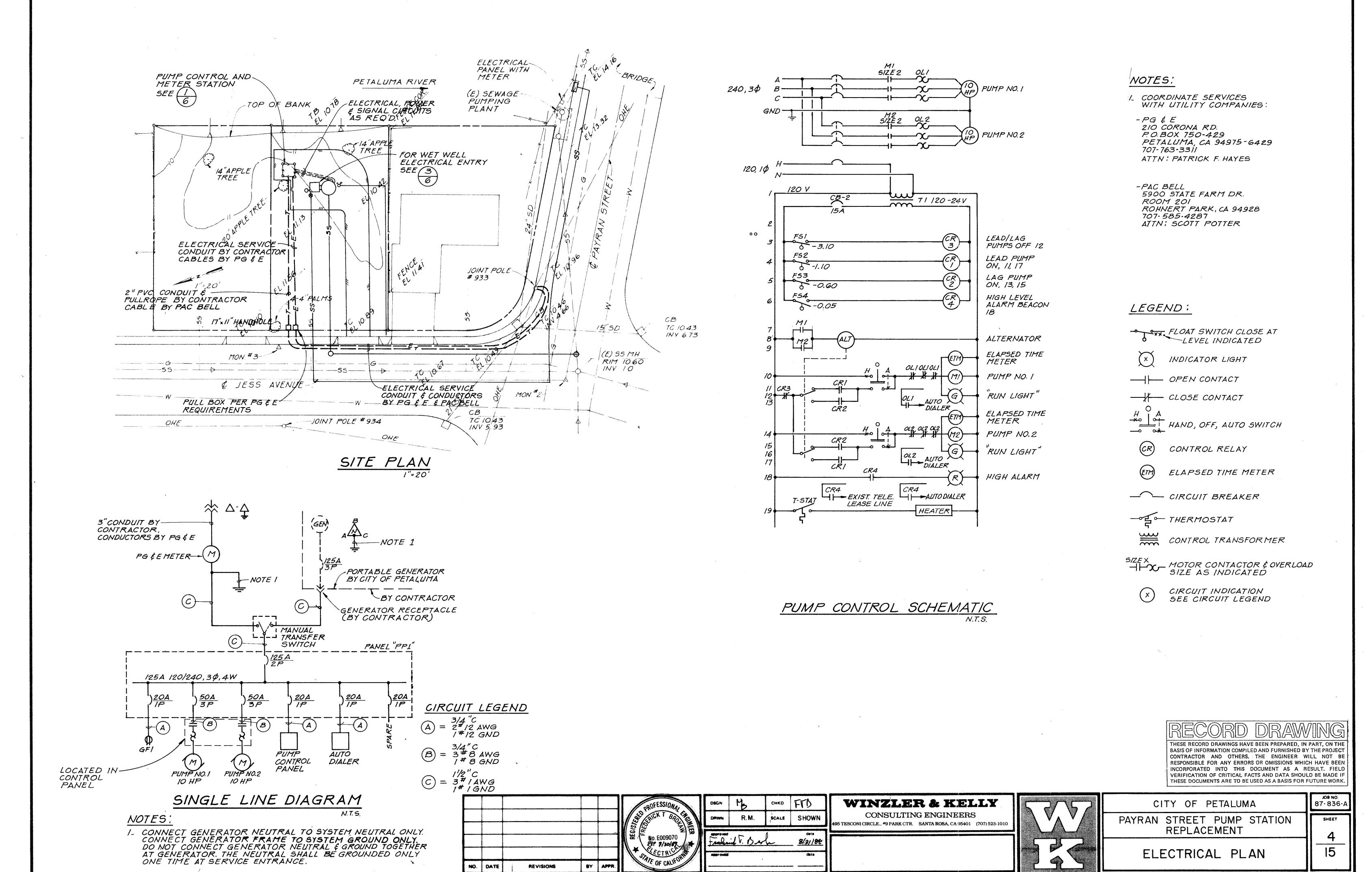
WET WELL SLAB DETAIL

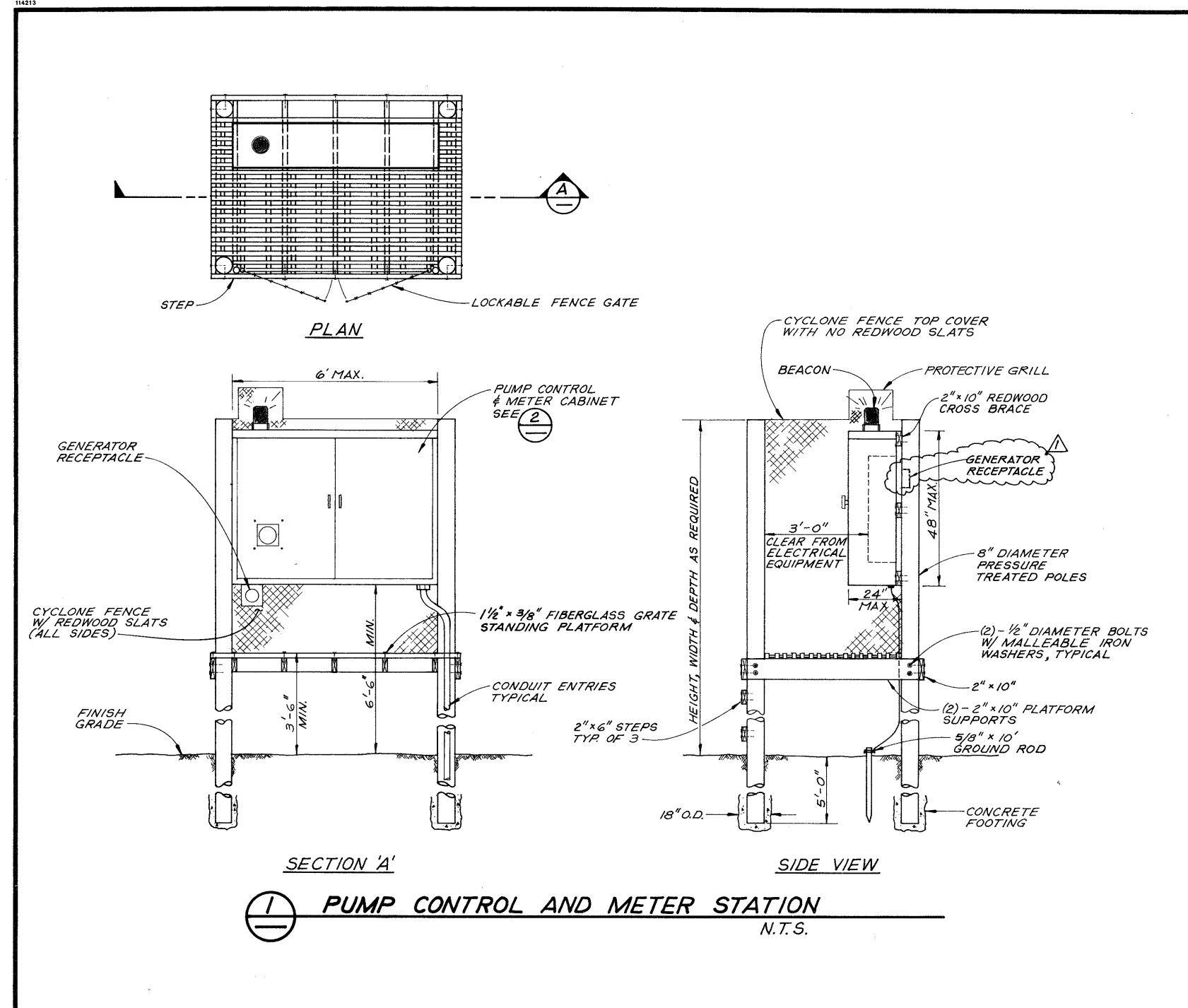


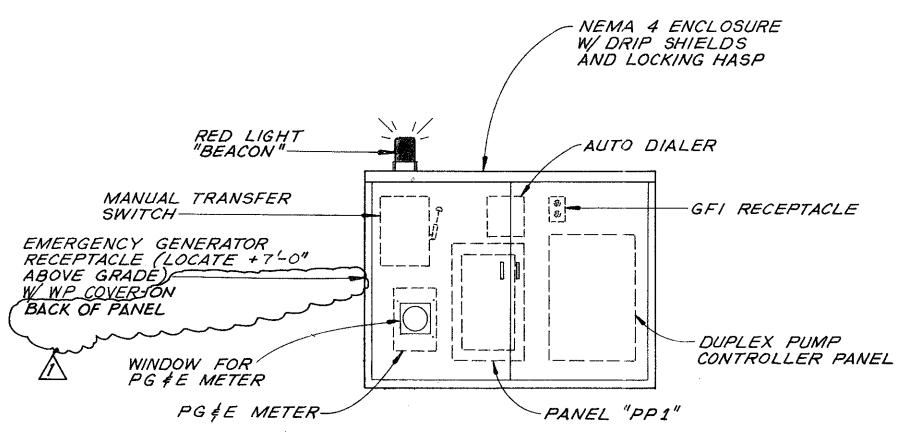
ACCESS ROAD, TYPICAL CROSS SECTION

N.T.S.

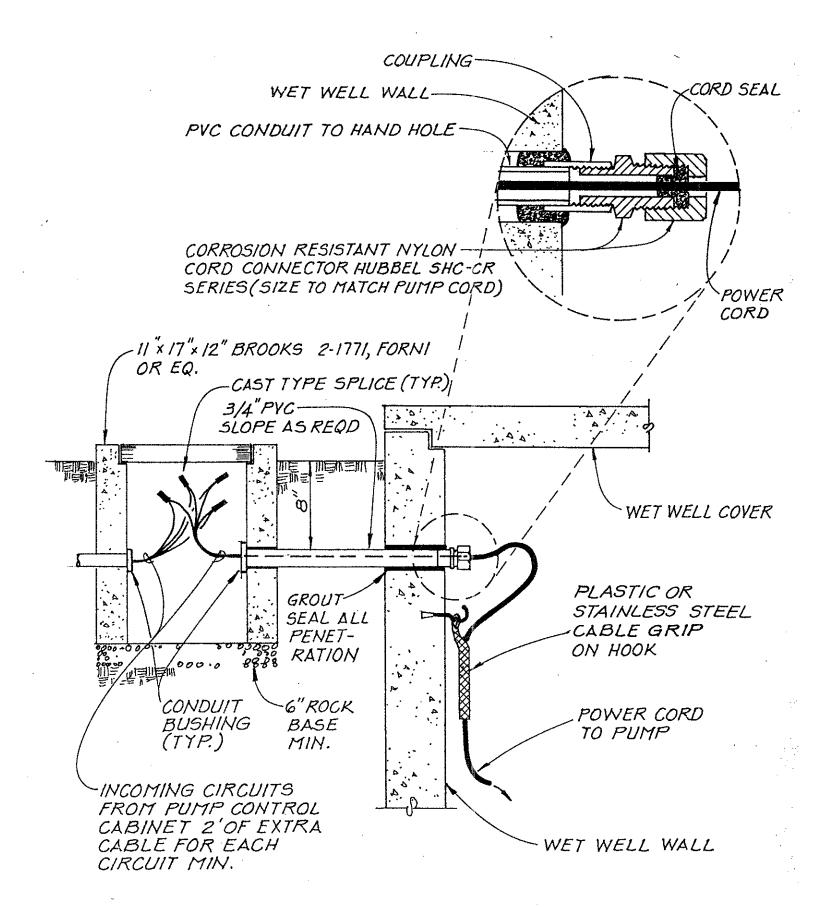








PUMP CONTROL AND METER CABINET



WET WELL ELECTRICAL ENTRY (TYP.)

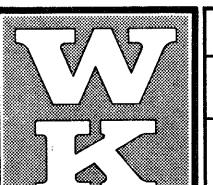
THESE RECORD DRAWINGS HAVE BEEN PREPARED, IN PART, ON THE BASIS OF INFORMATION COMPILED AND FURNISHED BY THE PROJECT CONTRACTOR AND OTHERS. THE ENGINEER WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH HAVE BEEN INCORPORATED INTO THIS DOCUMENT AS A RESULT. FIELD VERIFICATION OF CRITICAL FACTS AND DATA SHOULD BE MADE IF THESE DOCUMENTS ARE TO BE USED AS A BASIS FOR FUTURE WORK.

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WINZLER & KELLY CONSULTING ENGINEERS 495 TESCONI CIRCLE., #9 PARK CTR. SANTA ROSA, CA 95401 (707) 523-10

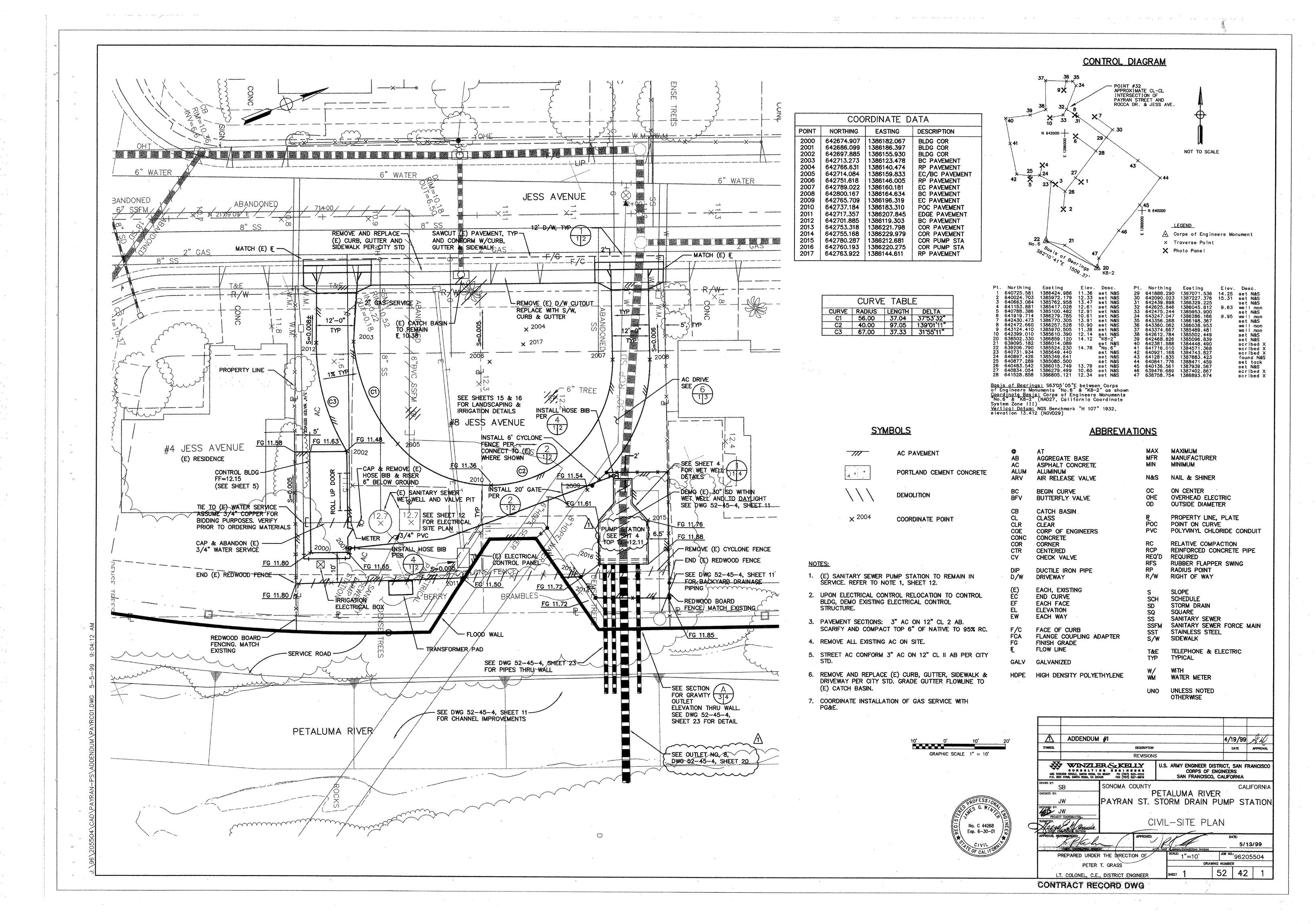


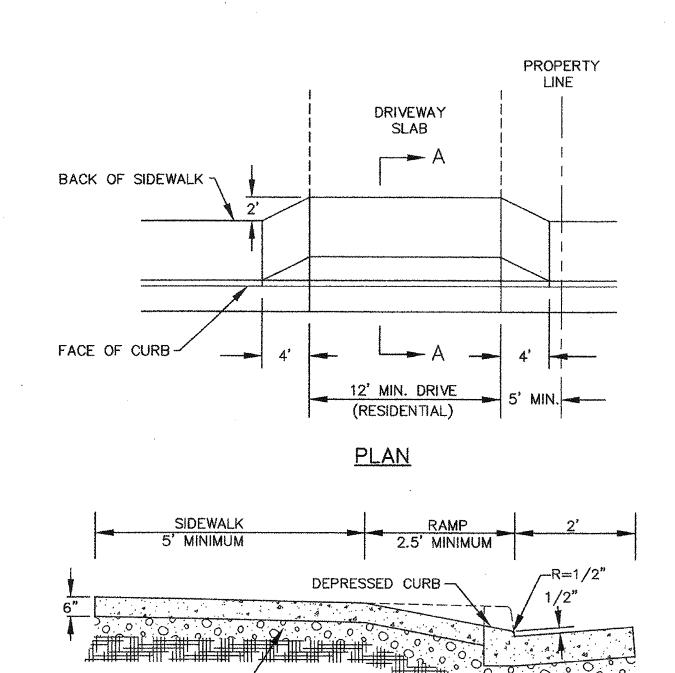
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PAYRAN	ST	REE	Τ	PUMP	STATION

ELECTRICAL DETAILS

REPLACEMENT

87-836-4





- 1. WEAKENED PLANE JOINTS SHALL BE INSTALLED AT THE CENTER OF ALL DRIVEWAYS OVER 20' WIDE.
- 2. MAXIMUM SIDEWALK CROSS SLOPE (1/4" PER FOOT).
- 3. WIDEN OR MEANDER SIDEWALK AT OBSTRUCTIONS (INCLUDING DRIVEWAYS) TO MAINTAIN 5' MINIMUM CLEARANCE.
- 4. ALL CONCRETE SHALL BE CLASS A.

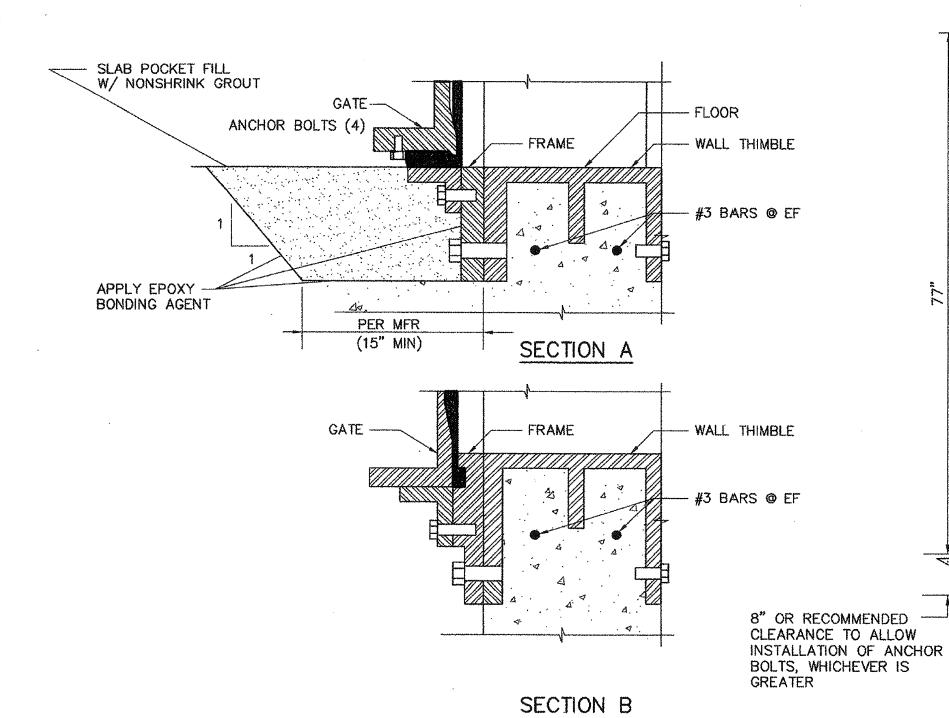
4" CLASS 2 AGG. BASE-

COMPACTED TO 95%

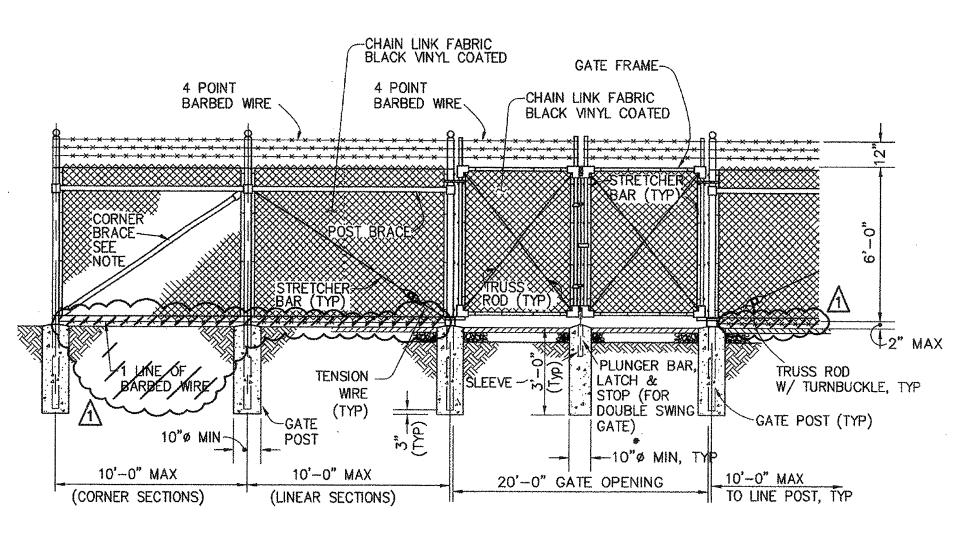
5. WELDED WIRE FABRIC (4"x4",10/10) SHALL BE PLACED THROUGHOUT COMMERCIAL AND INDUSTRIAL DRIVEWAYS WITHIN THE STREET RIGHT OF WAY.



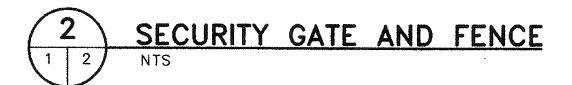
SECTION A-A

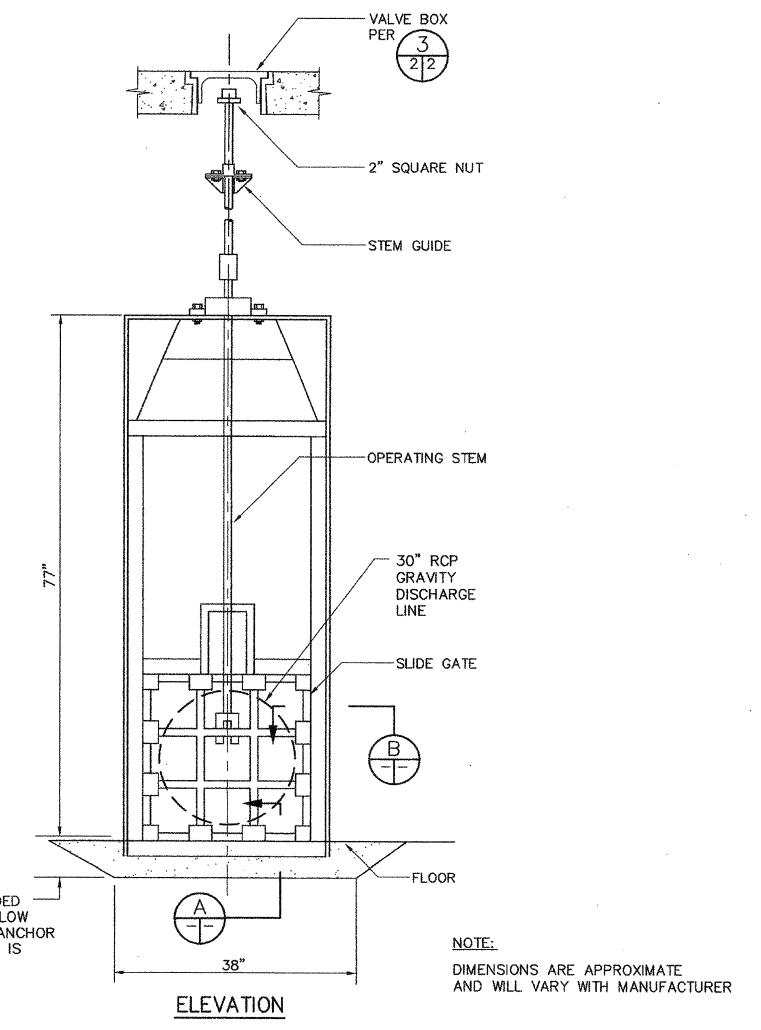


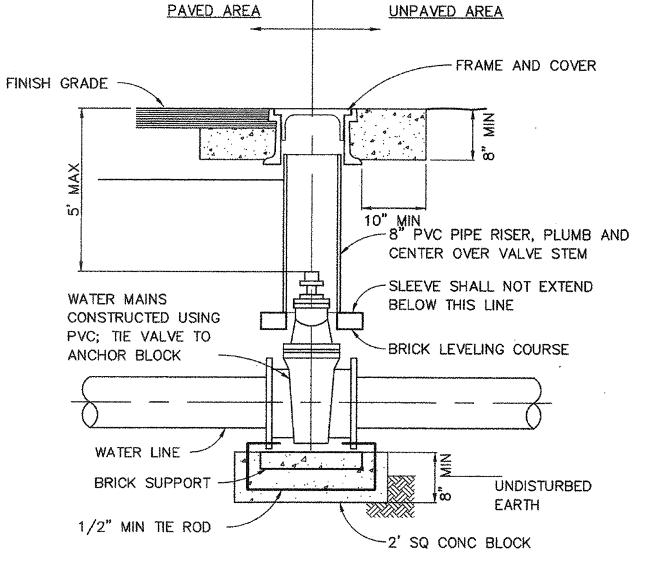


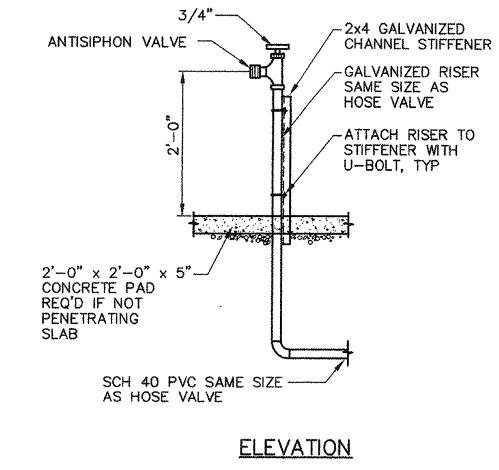


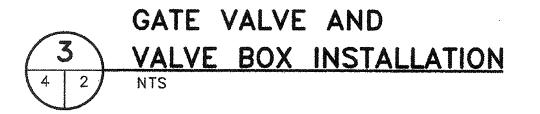
- 1. TO BE INSTALLED AT ALL ANGLE POINTS W/A DEFLECTION OF MORE THAN 15° AND AT ENDS
- 2. PROVIDE TAPE OR MASTIC 2" ABOVE AND BELOW POST AT CONC ANCHOR
- 3. PROVIDE GATE KEEPER FOR EACH GATE (2) AND INSTALL AT EDGE OF PAVEMENT TO HOLD OPEN GATE



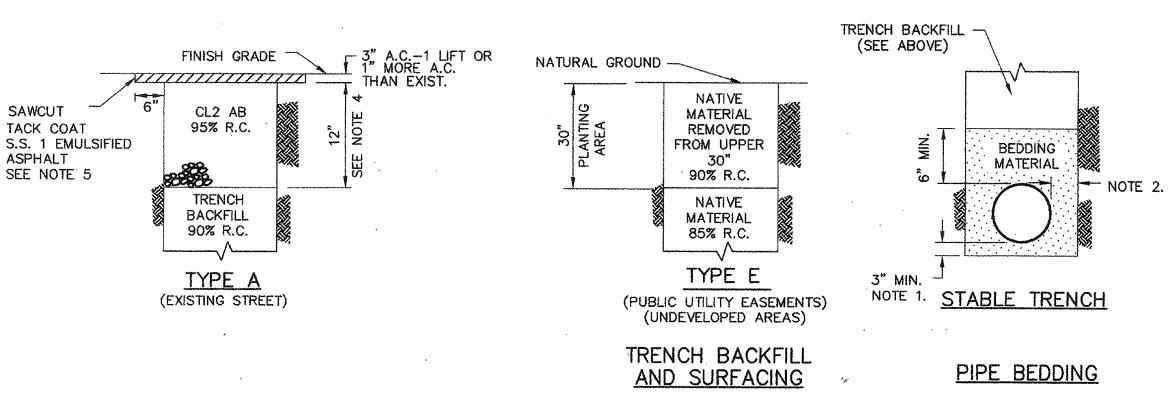








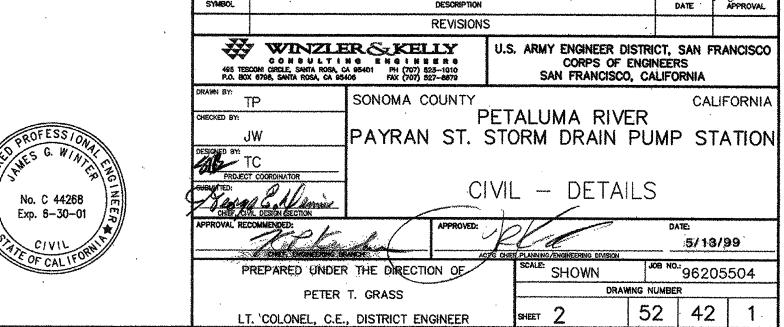




NOTES:

- 1. 1/4 PIPE O.D. OR 4" MIN. WHEN EXCAVATION IS IN ROCKY GROUND.
- 2. PIPE DIAMETER 18" OR LESS: 6" MIN., 9" MAX. PIPE DIAMETER GREATER THAN 18": 6" MIN., 12" MAX. (PLUS SHIELD ALLOWANCE)
- 3. RELATIVE COMPACTION DESIGNATED R.C.
- 4. THE STREET STRUCTURAL SECTION SHALL BE A MIN. OF 3" A.C. ON 12" A.B. OR MATCH EXISTING PAVEMENT THICKNESS PLUS 1" A.C., WHICHEVER IS THICKER OR AS SPECIFIED ON PLANS.
- 5. SAWCUT PAVEMENT SIX INCHES FROM EDGE OF TRENCH AFTER TRENCH IS BACKFILLED.



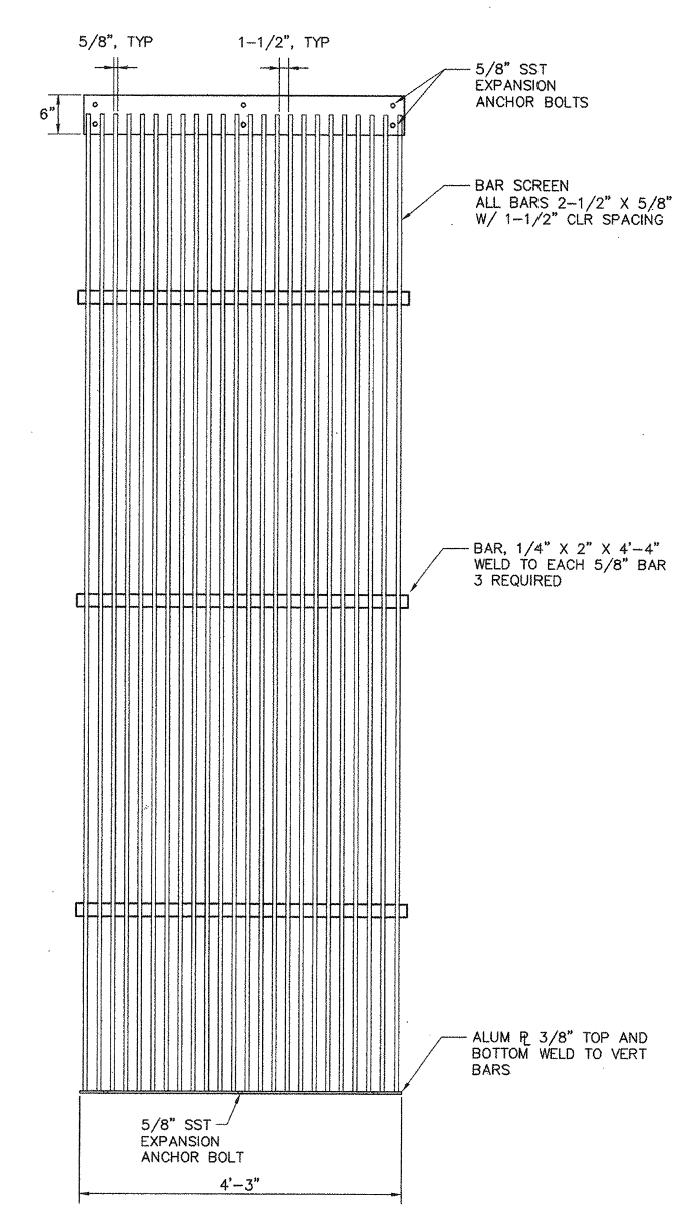


CONTRACT RECORD DWG

5/13/99

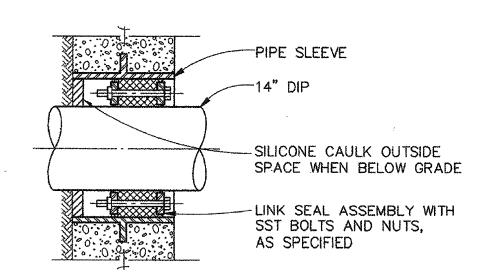
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ADDENDUM #1

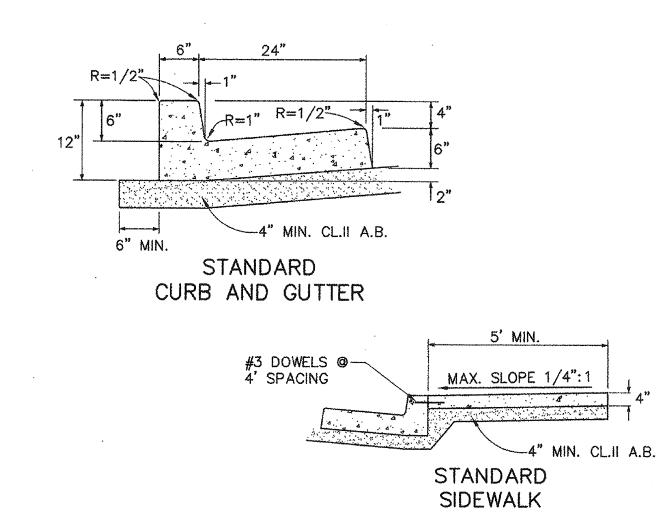


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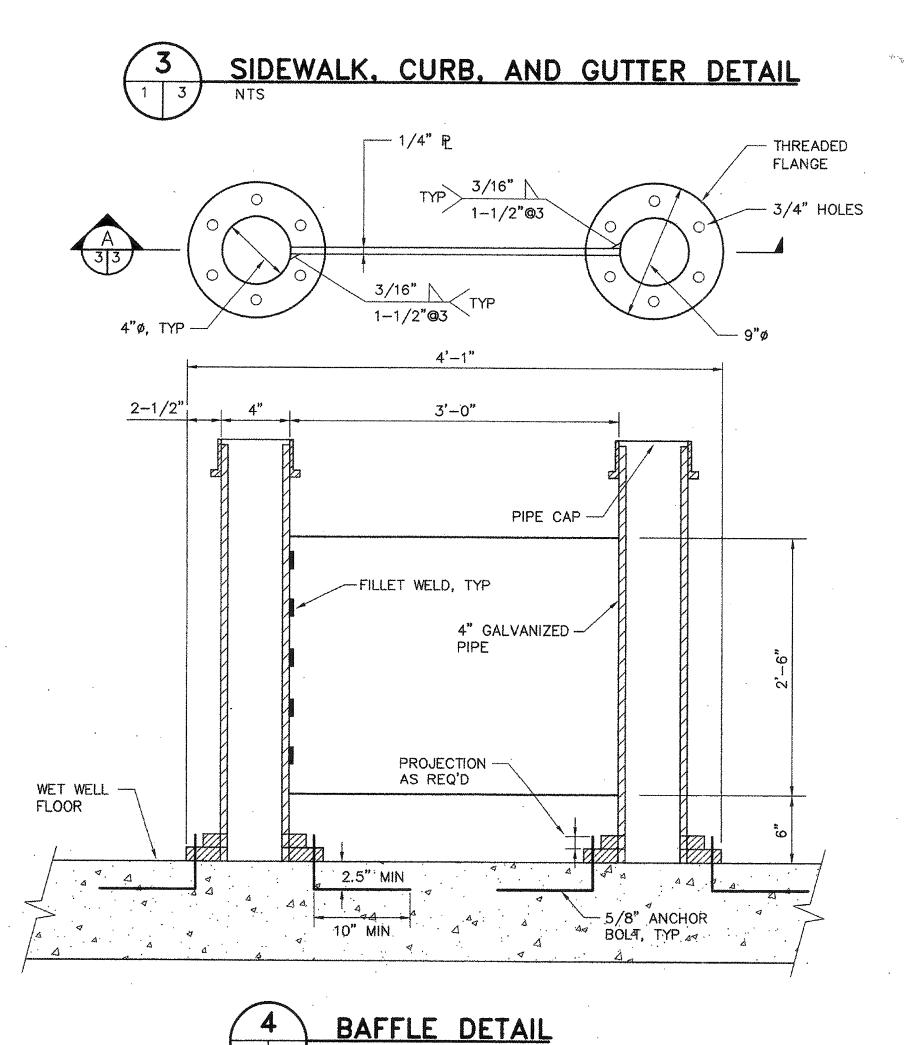


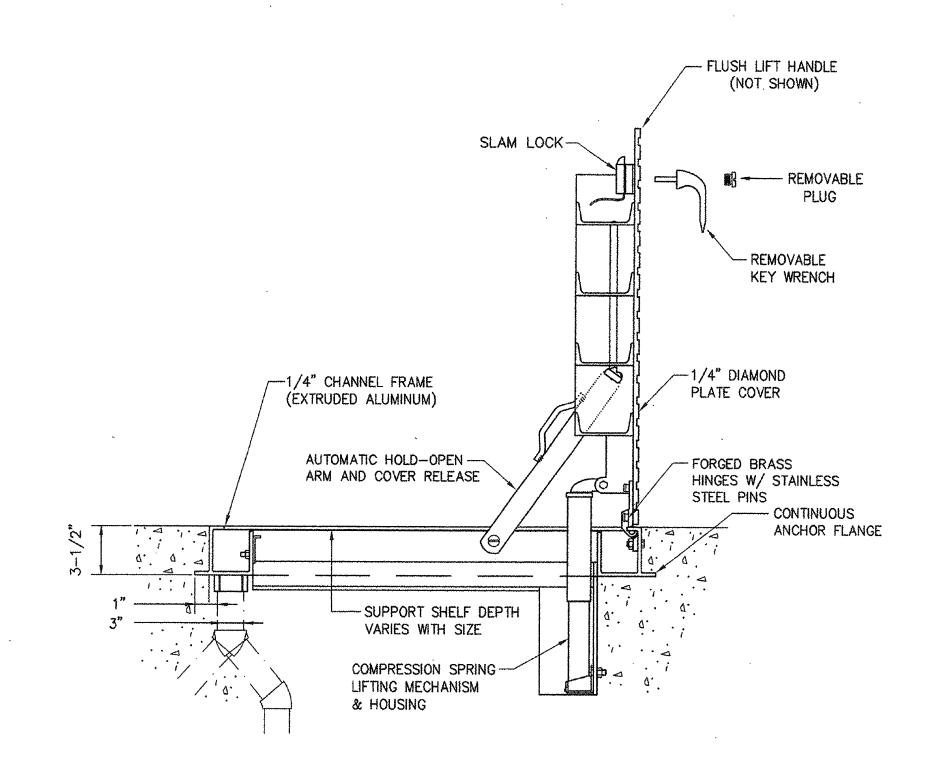


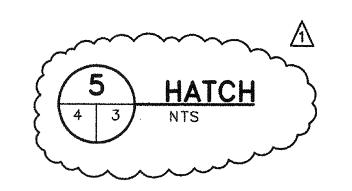
WALL PENETRATION W/LINK SEAL DETAIL



- 1. EXPANSION JOINTS, 1/4 INCH WIDE, SHALL BE INSTALLED AT EACH SIDE OF STRUCTURES, AT ENDS OF CURB RETURNS AND AT THE TOP OF DRIVEWAY TAPERS.
- 2. EXPANSION JOINTS SHALL BE INSTALLED AT 60 FOOT INTERVALS, WITH WEAKENED PLANE JOINTS EVERY 15 FEET.
- 3. SIDEWALKS SHALL BE SCORED INTO 5 FOOT SQUARES.
- 4. IF EXTRUSION MACHINE IS USED EXPANSION JOINTS SHALL BE DEEP SCORE 1/3 THE THICKNESS.

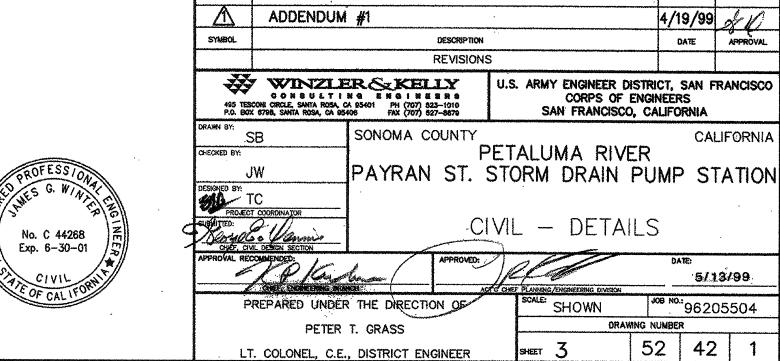


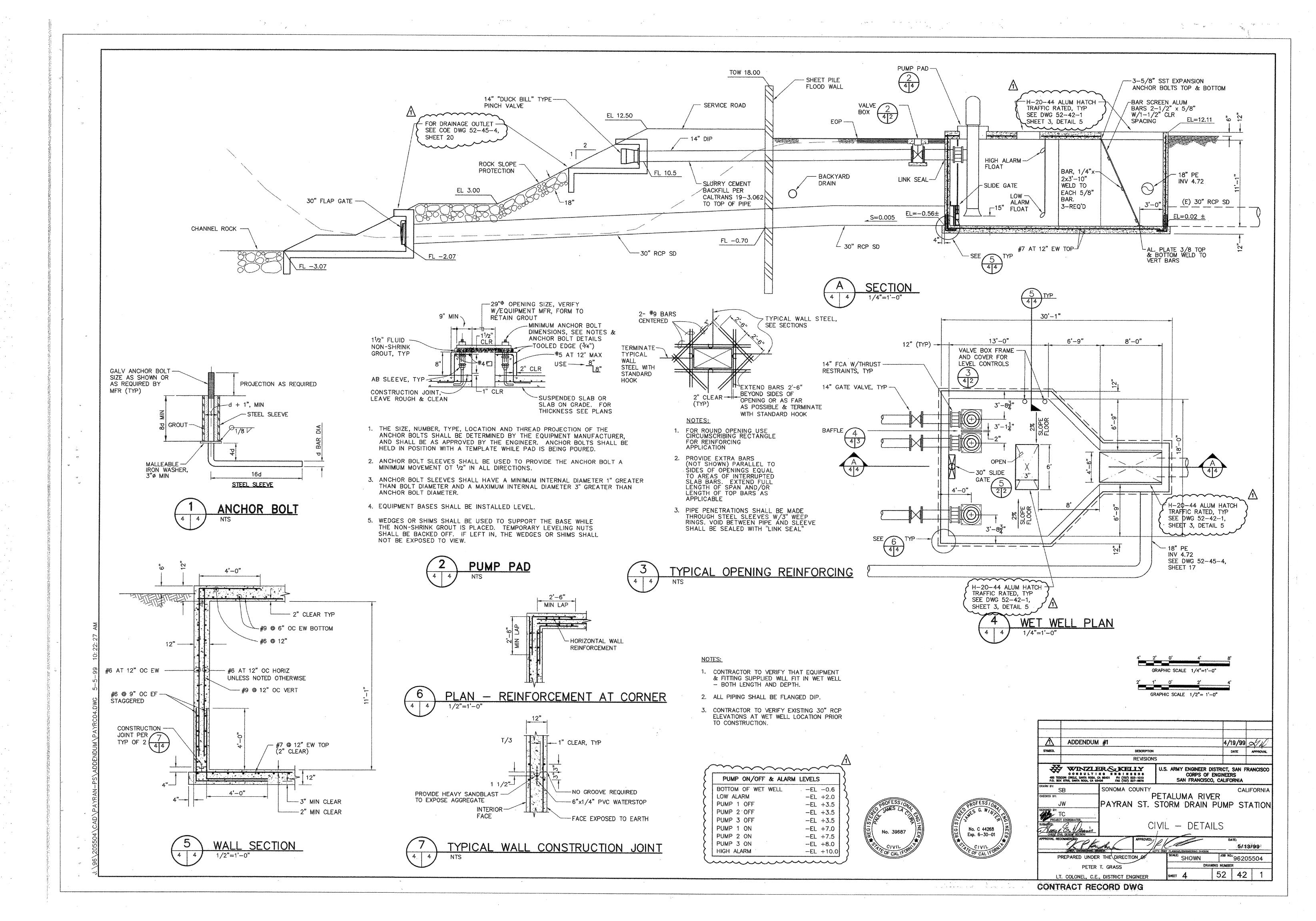


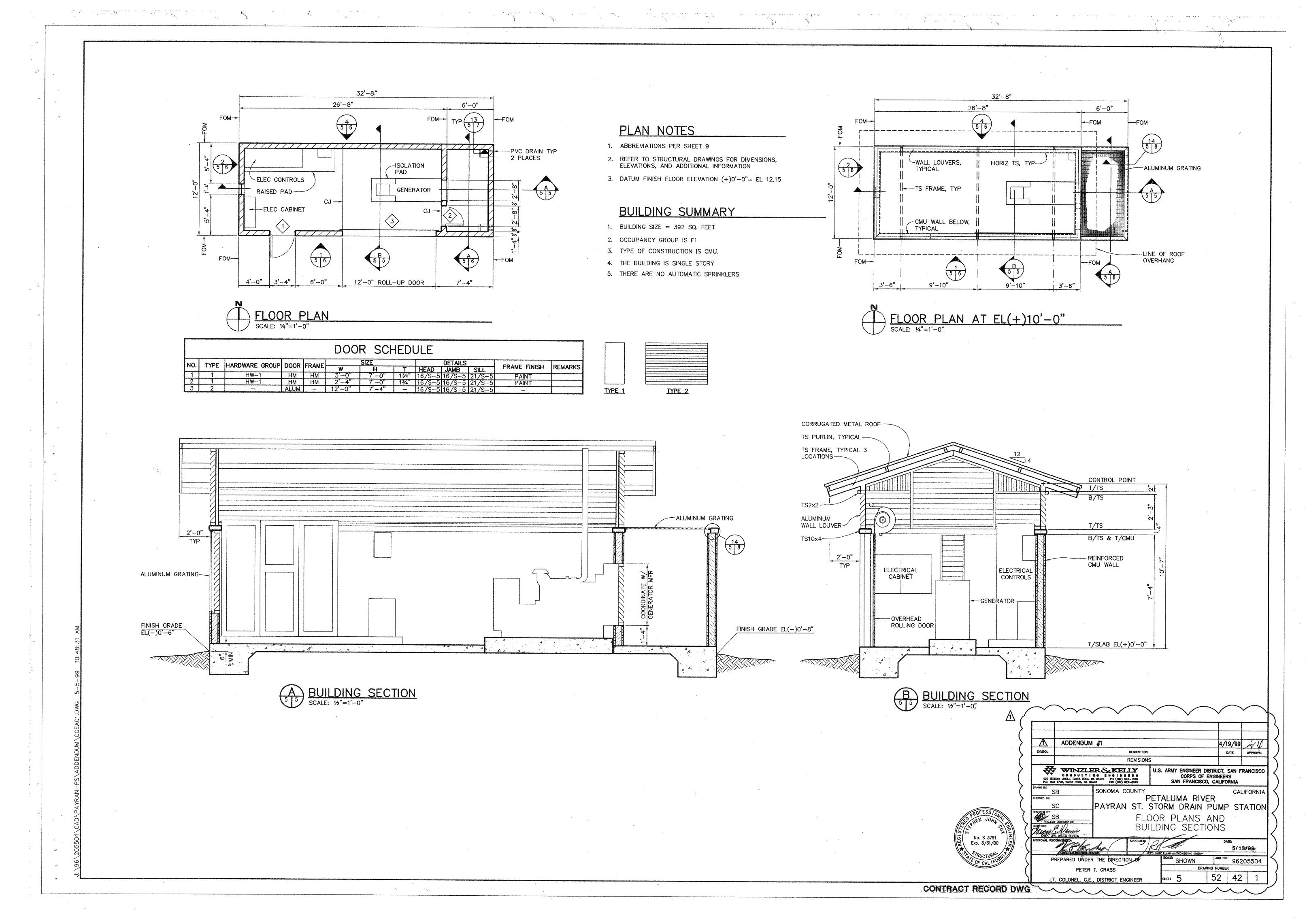


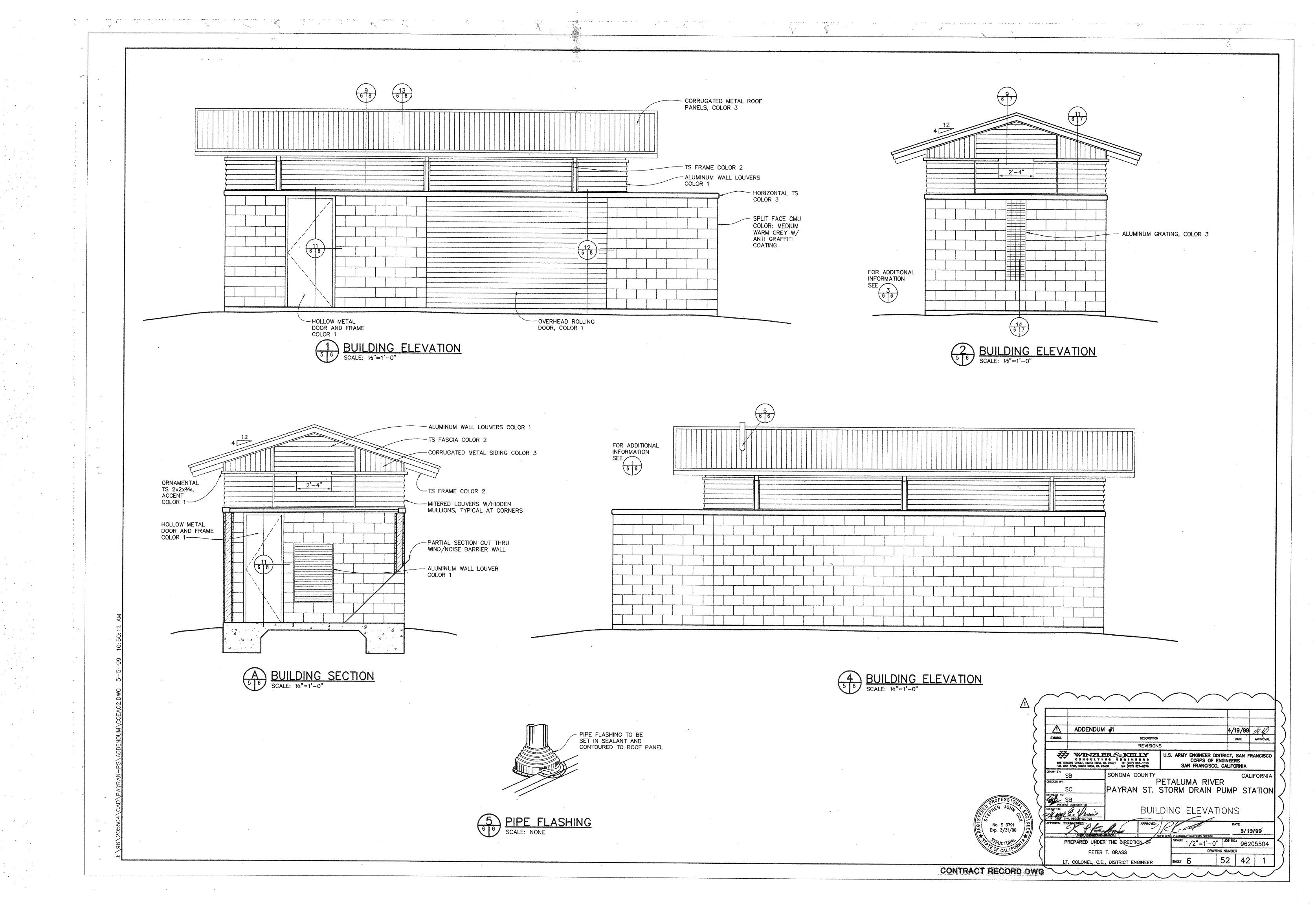
3" ASPHALT CONCRETE SCARIFY SUBGRADE 6" DEEP, MOISTURE CONDITION AND RECOMPACT TO 95% RELATIVE COMPACTION DRIVEWAY AND STREETS

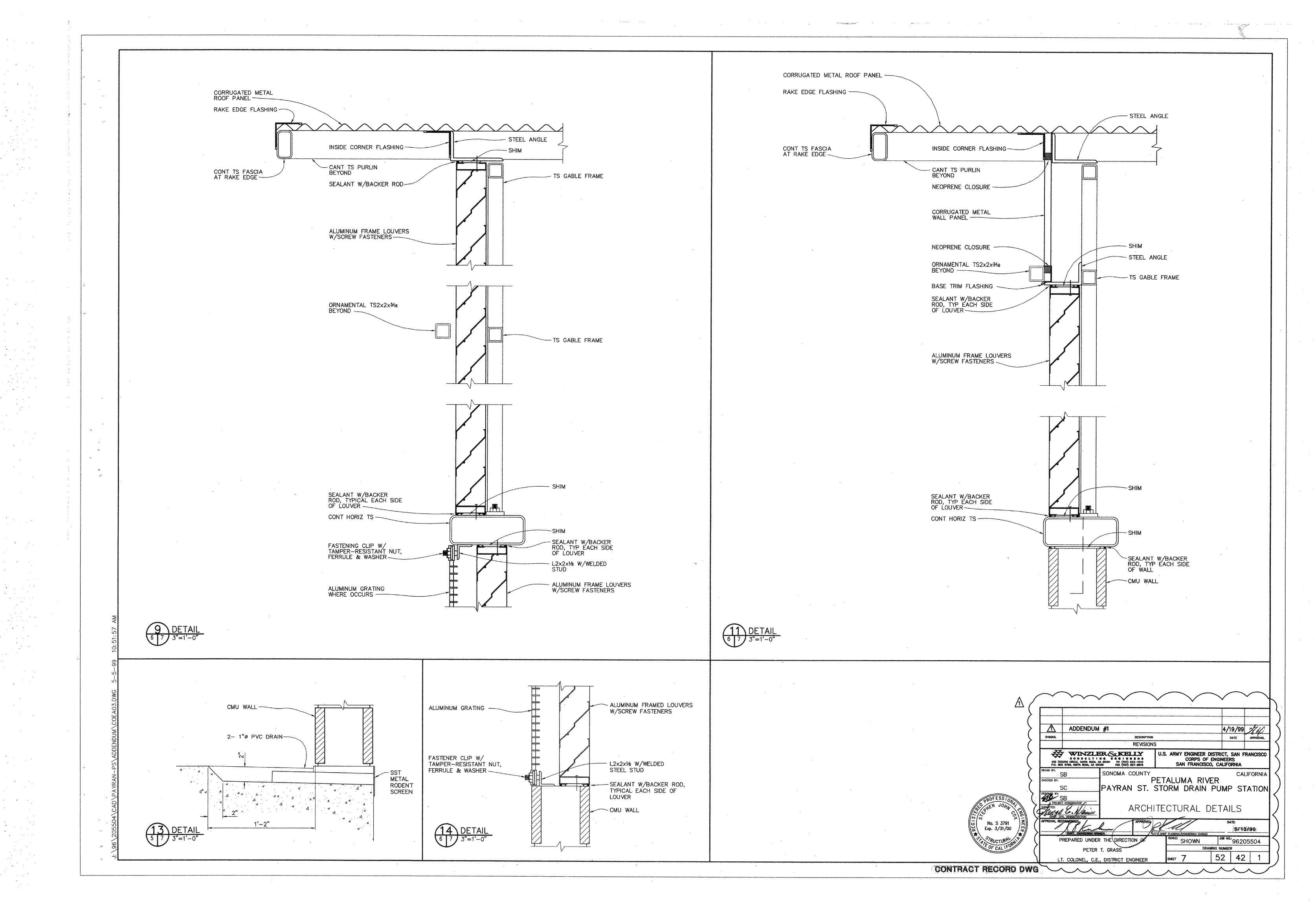


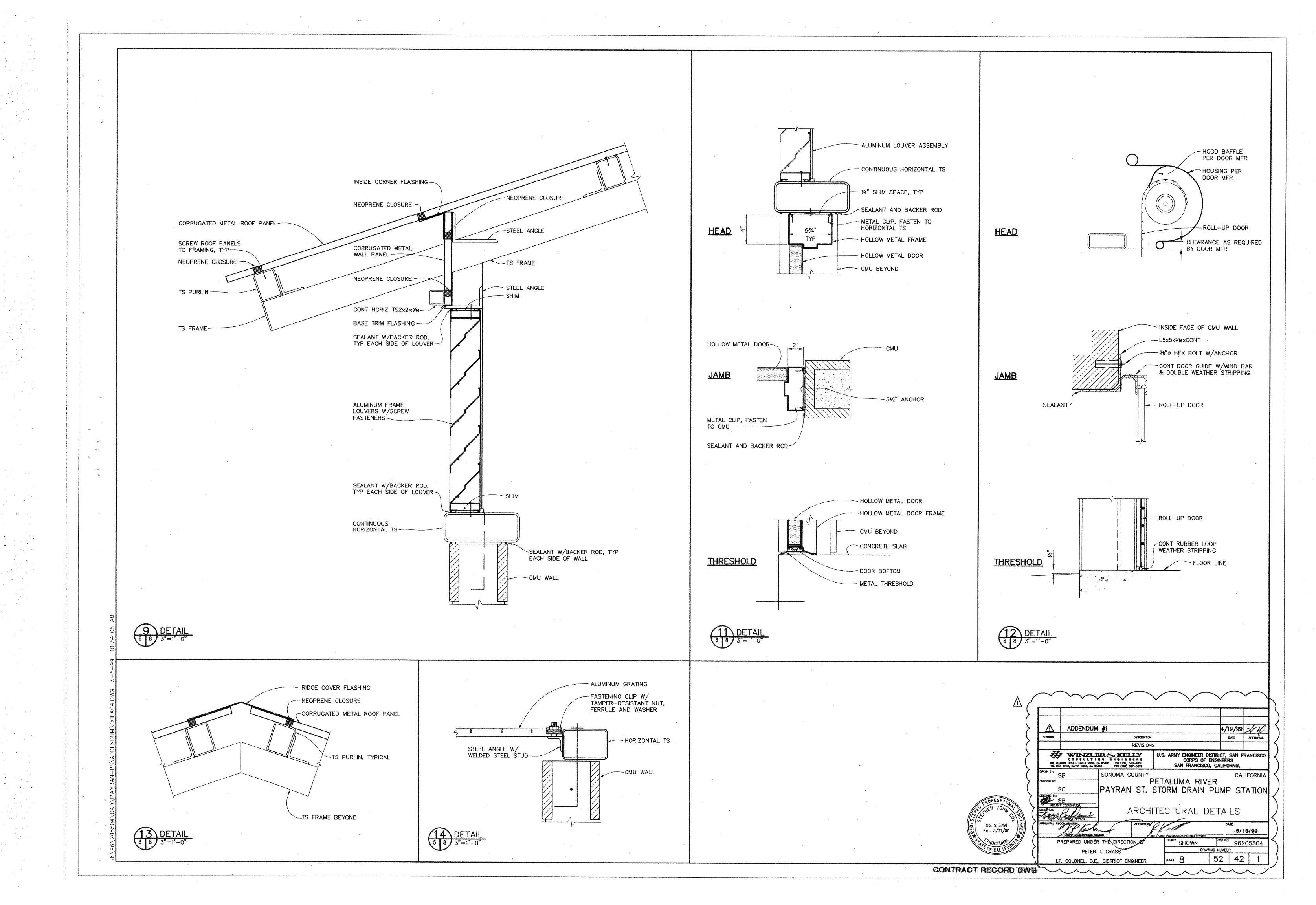












ABBREVIATIONS

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ANCHOR BOLT
                                                                           JOIST
 ABC
              AGGREGATE BASE COARSE
                                                                           JOINT
 ABV
              AMERICAN CONCRETE INSTITUTE
                                                                           KIPS
 ADD'L
              ADDITIONAL
                                                               KLF
                                                                           KIPS PER LINEAL FOOT
 AISC
              AMERICAN INSTITUTE OF STEEL CONSTRUCTION
 AISI
              AMERICAN IRON AND STEEL INSTITUTE
                                                                           ANGLE
 AITC
              AMERICAN INSTITUTE OF TIMBER CONSTRUCTION
                                                                           POUND
              ALTERNATE
                                                                           LINEAR FEET
              AMERICAN NATIONAL STANDARDS INSTITUTE
 ANSI
                                                                           LONG
 APA
              AMERICAN PLYWOOD ASSOCIATION
                                                               LL
LLH
                                                                           LIVE LOAD
 ARCH
              ARCHITECT/ARCHITECTURAL
                                                                           LONG LEG HORIZONTAL
 ASTM
              AMERICAN SOCIETY FOR TESTING & MATERIALS
                                                               LOC
                                                                           LONG LEG VERTICAL
              AMERICAN WELDING SOCIETY
                                                                           LOCATION
              AND
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              BOTTOM BARS
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                                                                           MASONRY
 BLKG
              BLOCKING
                                                              MAX
                                                                           MAXIMUM
                                                               MB
              BEAM
                                                                           MACHINE BOLT
              BOUNDARY NAIL
                                                               MC
                                                                           CHANNEL
              BEARING
                                                               MCJT
                                                                           MASONRY CONTROL JOINT
              BOTH SIDES
                                                               MECH
                                                                           MECHANICAL
 BTWN
             BETWEEN
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             CONCRETE REINFORCING STEEL INSTITUTE
CTR/CTR'D
             CENTER/CENTERED
                                                                           PLATE
CU YD
             CUBIC YARD
                                                              PLCS
                                                                          PLACES
                                                              PLF
                                                                           POUND PER LINEAL FOOT
             PENNY (NAIL SIZE)
                                                              PLUMB
                                                                          PLUMBING
DBL
             DOUBLE
                                                              PLYWD
                                                                          PLYWOOD
             DETAIL
                                                              PNL
                                                                           PANEL
             DOUGLAS FIR
                                                              PSF
                                                                           POUNDS PER SQUARE FOOT
             DIAMETER
                                                              PSI
                                                                           POUNDS PER SQUARE INCH
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             DIAGONAL
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FOM
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             FACE OF WALL
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FRMG
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             HORIZONTAL EACH FACE
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             HORIZONTAL
             HIGH POINT
                                                                          WIDE FLANGE (BEAM)
             HEIGHT
                                                                          WITHOUT
                                                                          WORK POINT
             INSIDE DIAMETER
                                                                          WATERSTOP
             FOR EXAMPLE
                                                                           WEIGHT
             INCH
                                                                          WELDED WIRE FABRIC
             INFORMATION
```

GENERAL STRUCTURAL NOTES

DESIGN DATA

Code: 1994 Uniform Building Code

Roof Dead Load: 3 psf Roof Live Load: 16 psf

Wind Load:

Basic wind speed: 80 mph Exposure: C

l = 1.0

Seismic Load: Zone 4, Z= 0.4

Rw = 6C = 2.75

Geotechnical Data:

Assumed allowable soil bearing pressure= 1000 psf, per UBC Table No. 18-1-A

EARTHWORK

Minimum depth to bottom of footings shall be 1'-6" below lowest

adjacent finish grade.

Provide 4" thick aggregate base course below concrete slabs on grade, u.n.o.

CONCRETE

Minimum 28-day Compressive Strengths:

4000 psi Foundations: 4000 psi Slabs on Grade: All Other Concrete: 4000 psi

CONCRETE REINFORCING

Bars: ASTM A615, Grade 60

Concrete protection for reinforcing:

Concrete cast against earth without forms......3" Concrete exposed to earth or weather:

#6 and larger...... #5 and smaller..... Concrete not exposed to earth or weather:

Slabs, walls, joists..... Beams, columns: primary reinforcement, ties, stirrups, spirals.....

MASONRY

Specified Compressive Strength of Masonry: f'm= 1500 psi Compressive Strength of Masonry Units: 1900 psi Mortar: Type S Grout: Coarse, 2000 psi at 28 days.

Lay block in running bond.

Solid grout all cells, embed anchor bolts in reinforced cells.

MASONRY REINFORCING

Bars: ASTM A615, Grade 60

Horizontal Reinforcing in Bond Beams: 2- #4 at 48" in 8" deep bond beam, at top of wall and at sills, extend bars a minimum of 24" past each end of sill.

Vertical Reinforcing: As indicated and a minimum of one #5 vertical continuous at all wall ends, corners and intersections. each side of openings and control joints and #4 at 28" maximum spacing elsewhere.

STEEL

Rolled Shapes & Plates: Per ASTM A36. Fy=36 ksi.

Structural Tubing: Per ASTM A500, Grade B Fy=46 ksi. Provide 3/16" cap plates seal welded to ends of all exposed tube sections, u.n.o.

WELDING

AWS A5.1, E-70 series electrodes.

BOLTING

Bolts: ASTM A307

Anchor bolts and plain threaded bars: ASTM A36 or ASTM A307

PAINTING

Shop prime paint all structural steel and steel fabrications except galvanized steel, surfaces in contact with concrete surfaces to be welded, or faying surfaces of slip crtical connections.

Field paint all exposed fabrications except surfaces in contact with concrete. Surfaces that will be concealed or made inaccessible by adjoining construction shall be field painted prior to installation of such work.

ADDENDUM #1 DESCRIPTION DATE APPROVAL REVISIONS CONSULTING ENGINEERS
465 TESCONE CIRCLE, SANTA ROSA, CA 954001 PH (707) 523-1010
P.O. BOX 6798, SANTA ROSA, CA 95406 FAX (707) 527-8579 U.S. ARMY ENGINEER DISTRICT, SAN FRANCISCO CORPS OF ENGINEERS
SAN FRANCISCO, CALIFORNIA SONOMA COUNTY CALIFORNIA PETALUMA RIVER PAYRAN ST. STORM DRAIN PUMP STATION GENERAL STRUCTURAL NOTES AND ABBREVIATIONS No. S 3791 5/13/99 Exp. 3/31/00 PREPARED UNDER THE DIRECTION OF NONE 96205504 DRAWING NUMBER

52 42

PETER T. GRASS

LT. COLONEL, C.E., DISTRICT ENGINEER

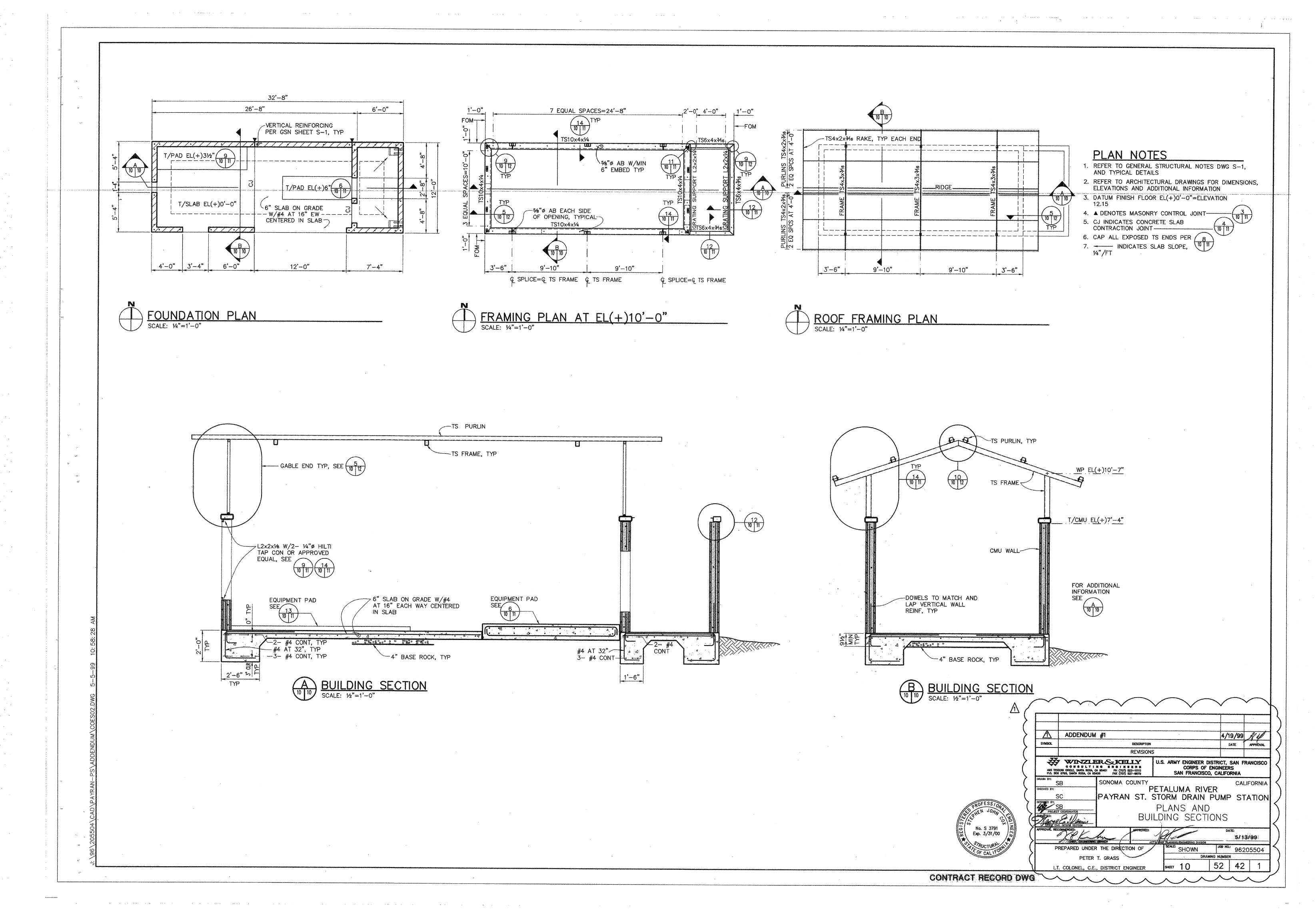
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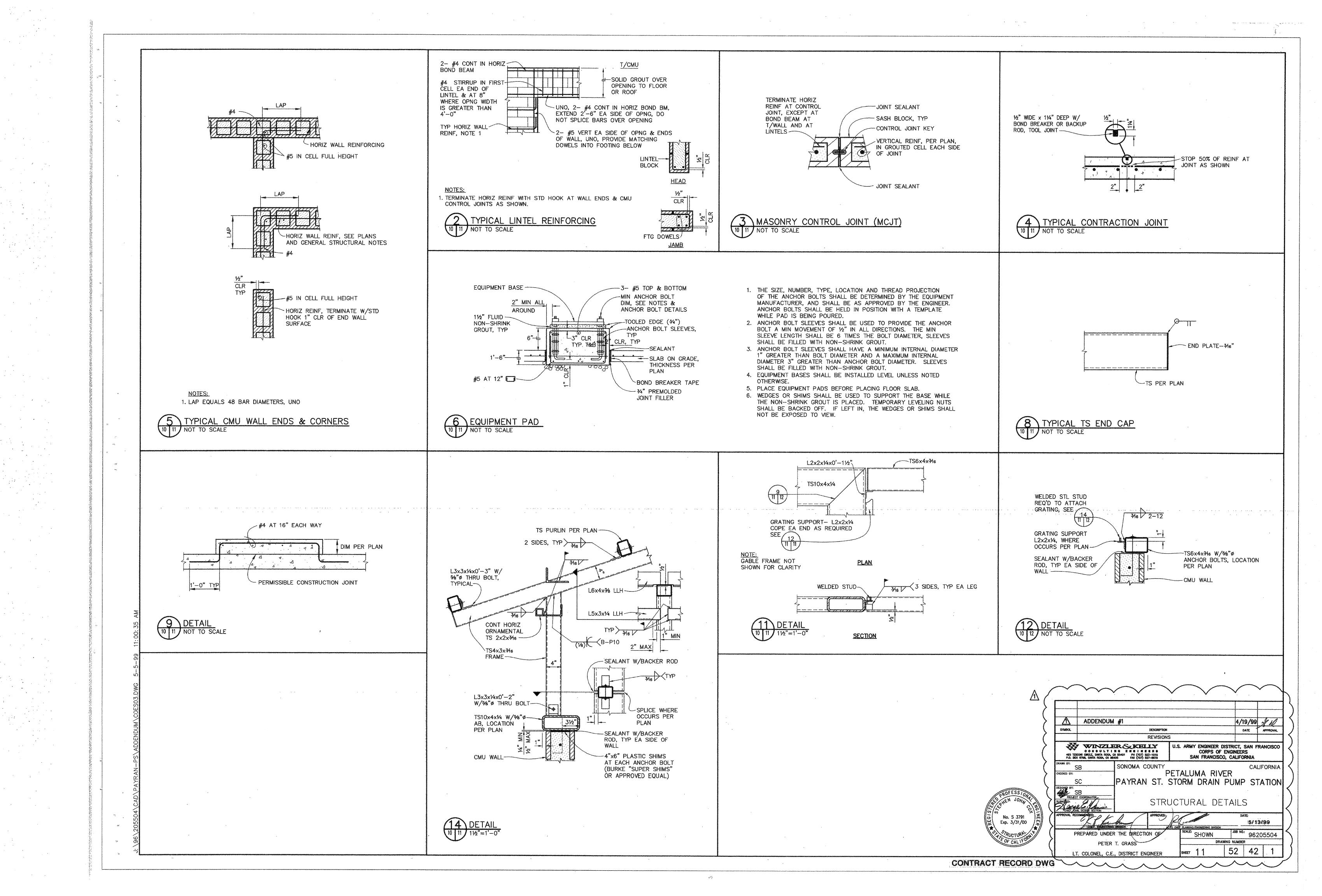
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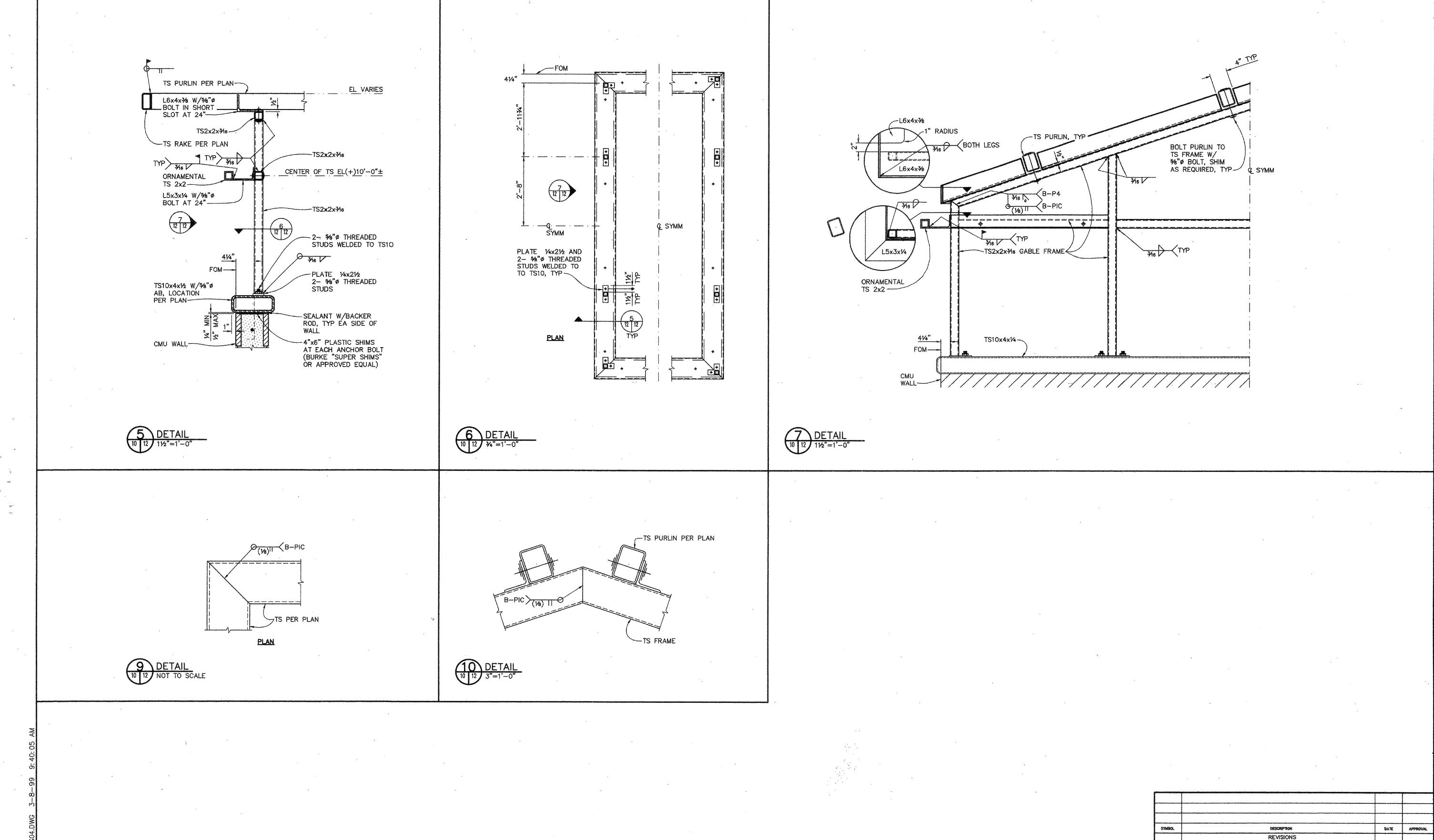
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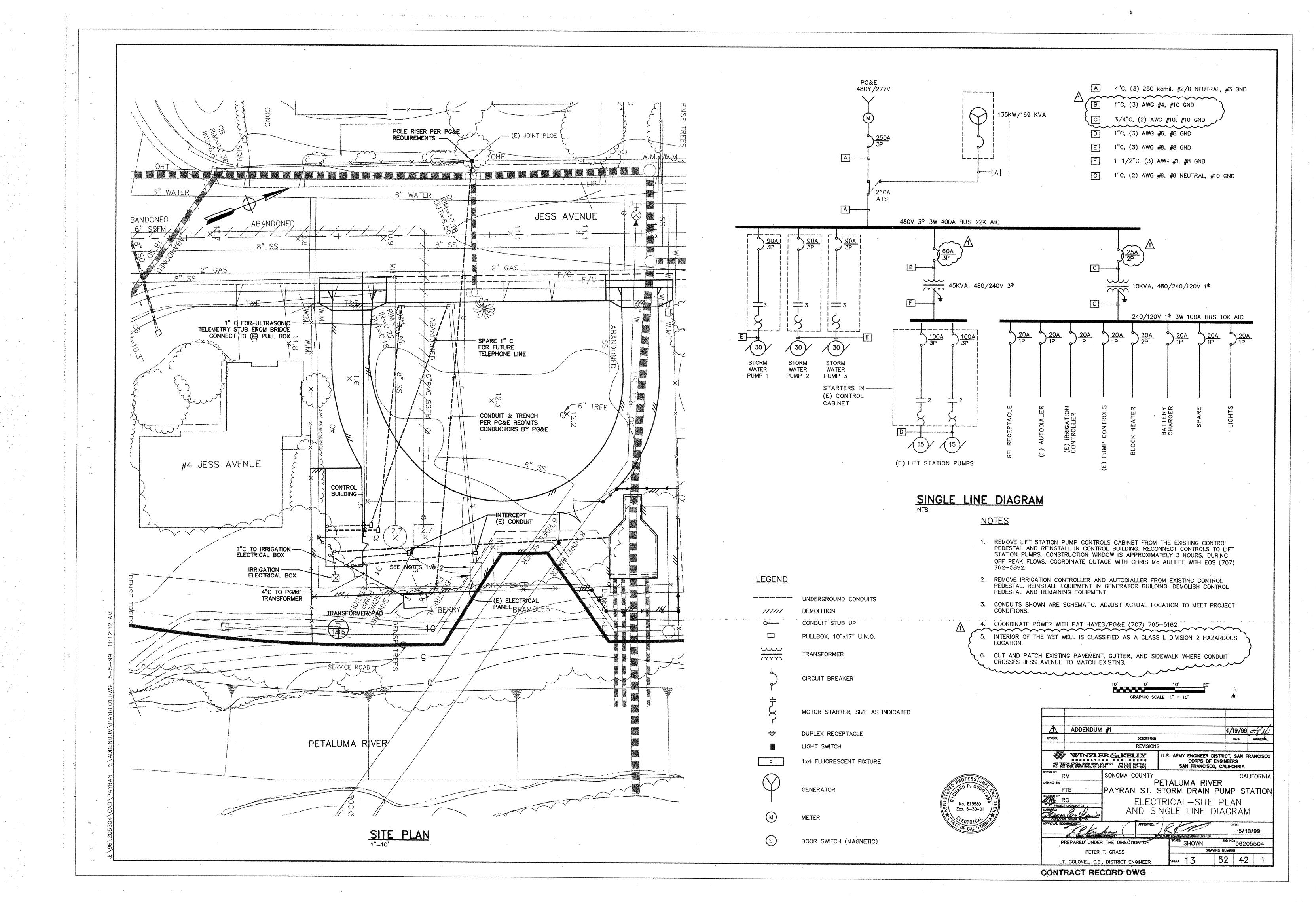


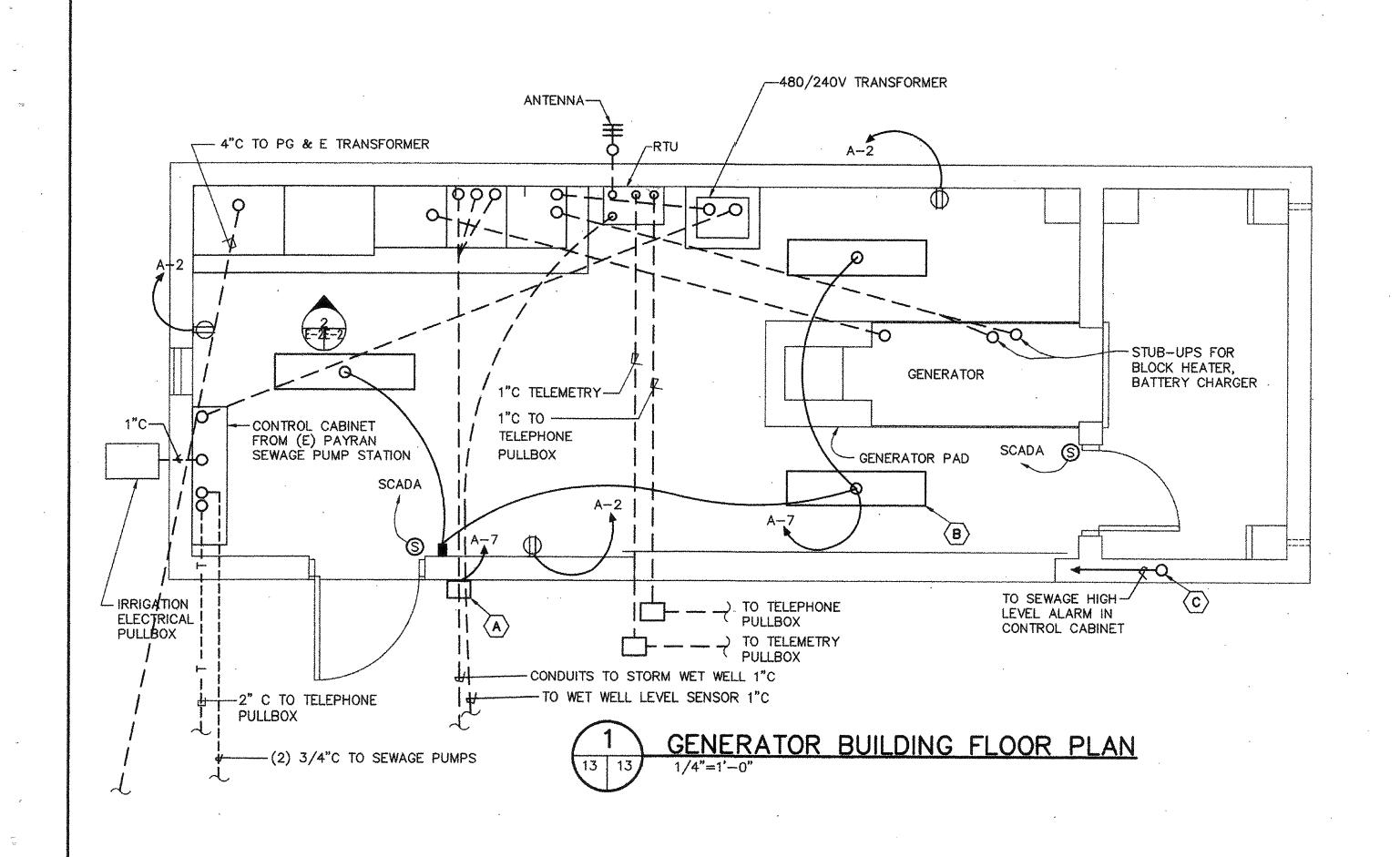






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DESIGNED BY: FROJECT COORDINATOR			,	
SUBMOTTED: Q //	ARCH	ITECTURAL-DE	TAILS	
APPROVAL RECOMMENDED:	APPROJED:	264	DATE:	1/99
	ENGRALEMONG SHARKSH	ACTO CHEF PLANNING/ENGINEERING DIVISION		





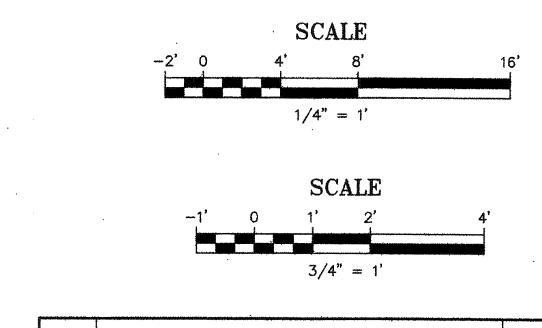
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		FIXTURE SCHEDULE		
TYPE	MOUNTING TYPE	MANUFACTURER & CATALOG NUMBER	LAMPS	VOLTS
A	WALL AT +84"	AREA LIGHT — WALL PACK HUBBELL NO. NRG—308—W4—PC	28WPL	120
B	SUSPENDED AT 96"	INDUSTRIAL 4' FLUORESCENT HUBBELL IG-042R-PA10-L1	2-T8	120
©	SURFACE	INDUSTRIAL AREA STROBE SIGNAL HUBBELL GSR-B-X-A1	XENON	120





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SYMBOL			DESCRIP	TION				DATE	APPROVÁL
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495 TESCO P.O. 80X C	OON BULTI CORCLE, SANTA ROSA, CA SE 796, SANTA ROSA, CA SE	ER K N G E N G I CA 85401 PH (7 5408 FAX (7	ELLY # 5 5 8 8 07) 523-1010 07) 527-0679	U.S		Y ENGINEER CORPS OF AN FRANCIS	ENGINEE	RS	ANCISC
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