

**DESIGN BUILD CONSTRUCTION SERVICES FOR THE LANEY COLLEGE CENTRAL UTILITY
PLANTS UPGRADE PROJECT**

ADDENDA

RFP No. 19-20/12

**Peralta Community College District
East 8th Street Oakland, CA 94606**

October 6, 2020

ADDENDUM No. 2

This addendum supersedes items of the original contract documents wherein it is inconsistent with it. All other conditions remain unchanged. The following changes, modifications, corrections, additions or clarifications shall apply to the contract documents and shall be made a part of and subject to all of the requirements thereof as if originally specified or shown. It is the responsibility of the submitter to review the list of attachments to ensure that the addendum is full and complete. This Addendum modifies the original RFP documents.

Reponses to Questions

Attached is the current RFI LOG and associated drawings.

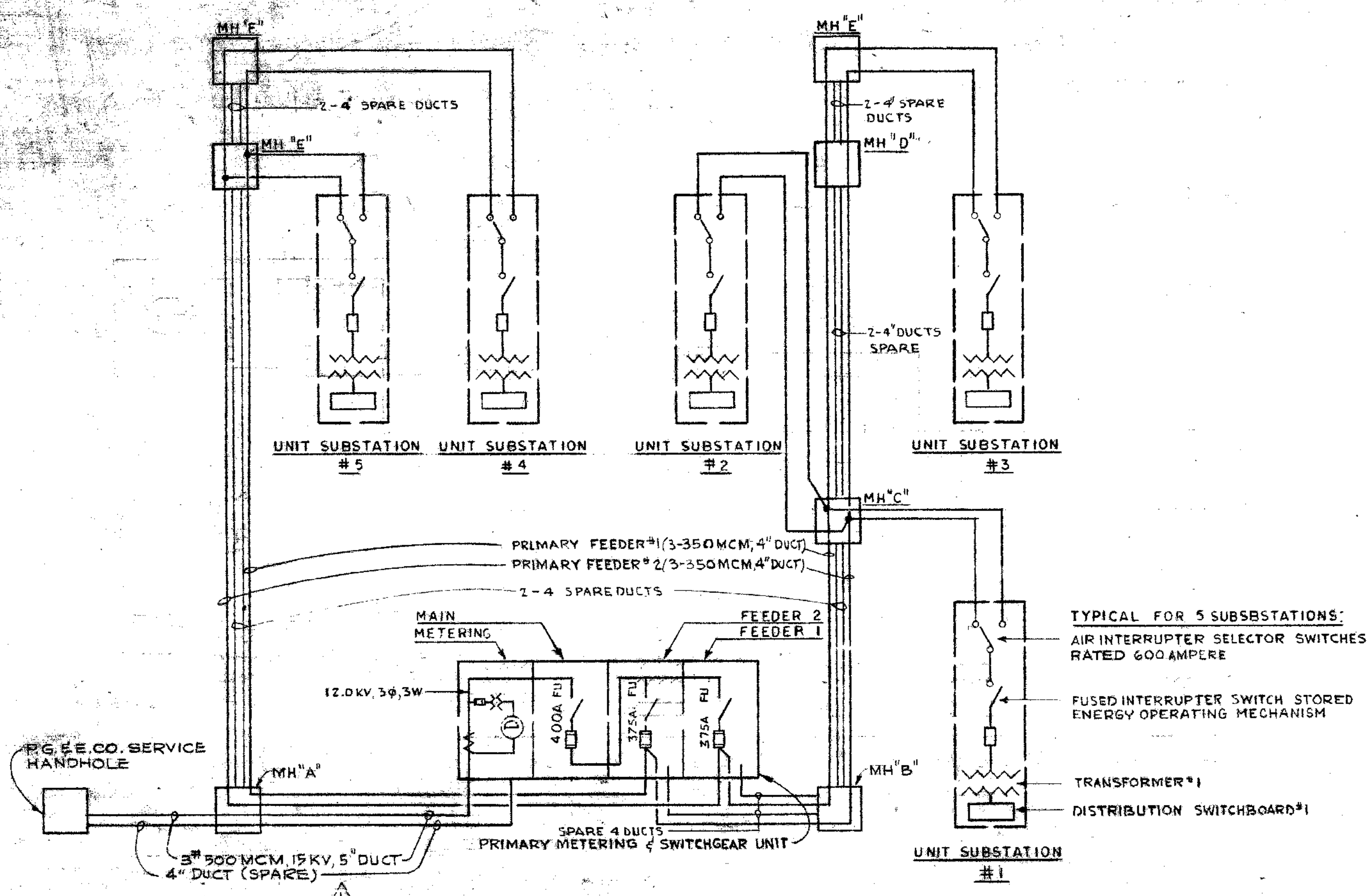
END OF DOCUMENT

RFI LOG - LANEY CUP RFP

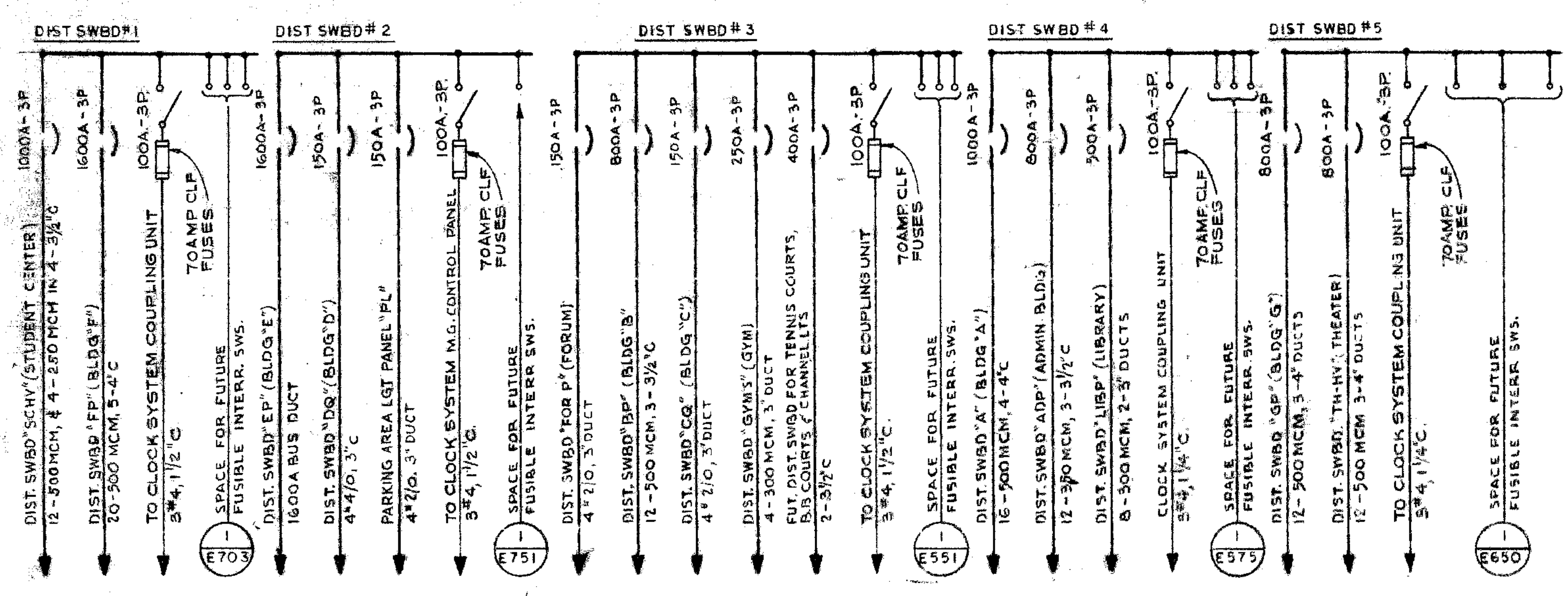
Project: Laney Central Utility Plant Upgrade

Location: Laney College

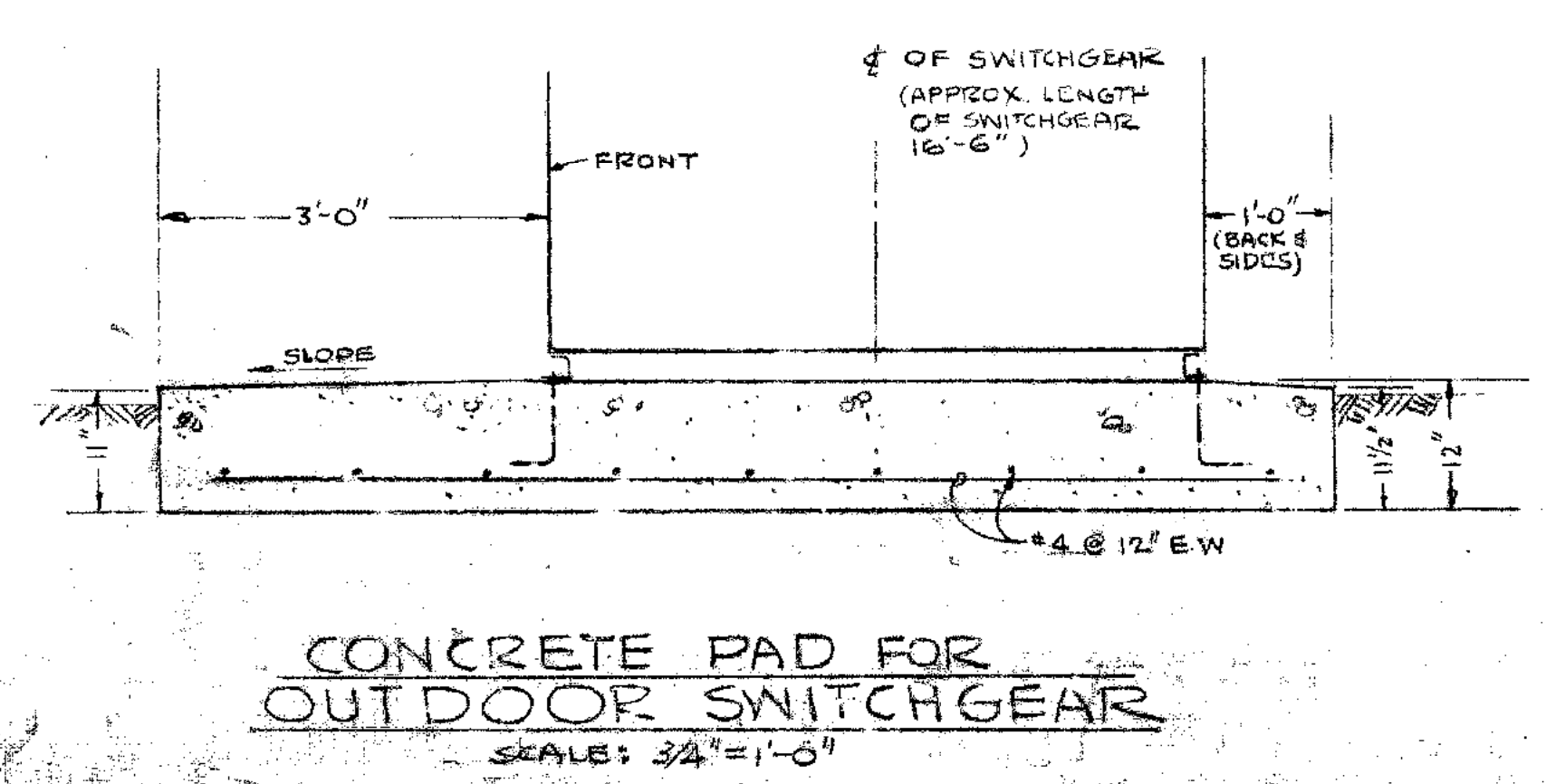
RFI NO.		DESCRIPTION	CRITERIA DOCS TEAM RESPONSE	ADDM.
Number	Rev.			
P005		Can the district provide a campus Path of Travel plan from prior projects?	Refer the Learning Resource Center reference documents sheet G1.11 issued in Addendum No. 01.	2
P006		During the site meeting it was mentioned meetings have occurred with PG&E regarding the 115kv facilities and associated easement. Are meeting minutes available and what are the requirements for work within the easement? Concerns include minimum clearances to maintain, review process with PG&E, oversight/interaction during construction that will impact schedule, etc.	Standby coordination is required by PG&E for construction work within their easement. 2' minimum clearance is required both vertically and horizontally from the 115kv service line. PG&E indicated verbally the service line is a 6" steel pipe encased in concrete.	2
P007		Potholes #2 and #5 document the depth of the 115kv duct bank. What is the width of the duct bank?	Per PG&E staff, their facilities are within a 6" steel pipe encased in concrete.	2
P008		Sheet C4.00 notes the relocation of a 12kv duct bank between manhole A and the existing switchgear. Is there a single line diagram or other information available to explain what this branch serves and the associated shut down required?	Refer attached plans "P008 1968 Laney Set Showing MH".	2
P009		Can the district provide the LRC building plans for reference?	Issued with Addendum No.01	2
P010		The criteria documents call for the relocation of the domestic water backflow preventor. Has there been any correspondence with EBMUD regarding the proposed location?	The criteria documents call for new domestic backflow preventor. The location was not coordinated with EBMUD staff.	2
P011		What is the timing of the relocation of the 36-inch EBMUD watermain shown on sheet C4.01? Will it be relocated prior to the construction of this project? If not what are the criteria/requirements for construction within the easement and for crossing the water main?	The EBMUD water main relocation is forecast to occur in 16 to 25 months. If the water main relocation is not completed, then design criteria will be provided from the EBMUD plans and specifications.	2
P012		It was mentioned on the informational meeting that the District plans to procure the equipment for this project. Please advise if the equipment should be planned to be included in the NTE cost of \$12m or outside. Also, please advise if the equipment are planned to be procured on or before the DSA approval?	The District will not be procuring the equipment. Equipment will be procured by the DBE but the design criteria team will assist in equipment selection. See Section 230000 1.02B and https://taylorengineers.com/wp-content/uploads/2020/04/ASHRAE_Journal_-_Value-Based_HVAC_Equipment_Selection.pdf . for further explanation. Yes, the stipulated prices for the equipment are included in the \$12 million NTE. Section 230000 1.02B.1 specifies that, "Primary equipment shall be included in bids using the prices stipulated below." Note the exclusions to the stipulated prices listed in 1.02B.2. In regards to equipment procurement schedule, it is up to the DBE to determine whether the equipment should be procured prior to or after DSA submission provided that all schedule constraints are met.	2
P013		Reference Sheet C4.01: Information needed for general note to Relocate panel: • Please provide new location for disconnect, Transformer, and panel. • Please provide single line showing where panel is fed from and feeder size • Please provide panel schedule or loads that will need to be reconfigured to new location.	Information is not available at this time.	2
P014		Who is the preferred Fire Life Safety Alarm vendor for the campus? Please provide contact info. Thank you!	PCC is open to reviewing proposals from all Fire Sprinkler and Alarm vendors and manufacturers. The predominant systems in place currently at PCCD are made by Johnson Controls.	2
P015		DBE Team Interviews - Protocols for interviews conducted after proposals submitted - set for 10/15/20.	1.ATTENDANCE – DBE is NOT limited in number of attendees at meeting. The minimum attendance should include the six personnel listed in Tab 4 of the RFP. DBE will be responsible for coordinating DBE speakers and directing District questions to appropriate DBE team member. 2.ATTENDEES - DBE to provide District with list of attendees, Title & Company 24 hours prior to meeting – email to Bill Krill and John Hiebert. This will help District know who is speaking during interview. 3.CHECK-IN: attendees should open meeting 5-10 minutes prior to start and send a "chat" with their name & company to serve as sign-in sheet. 4.HANDS – The District attendees will use the "raise hand" feature in MStTeams when they wish to ask a question. DBE to monitor hands requests and field questions. It is DBE's option to use hands feature for DBE attendees. 5.MUTE – Meeting organizer may "mute all" if there is excessive background noise. Speakers will need to un-mute if they wish to speak.	2



PRIMARY DISTRIBUTION ONE LINE DIAGRAM
NO SCALE



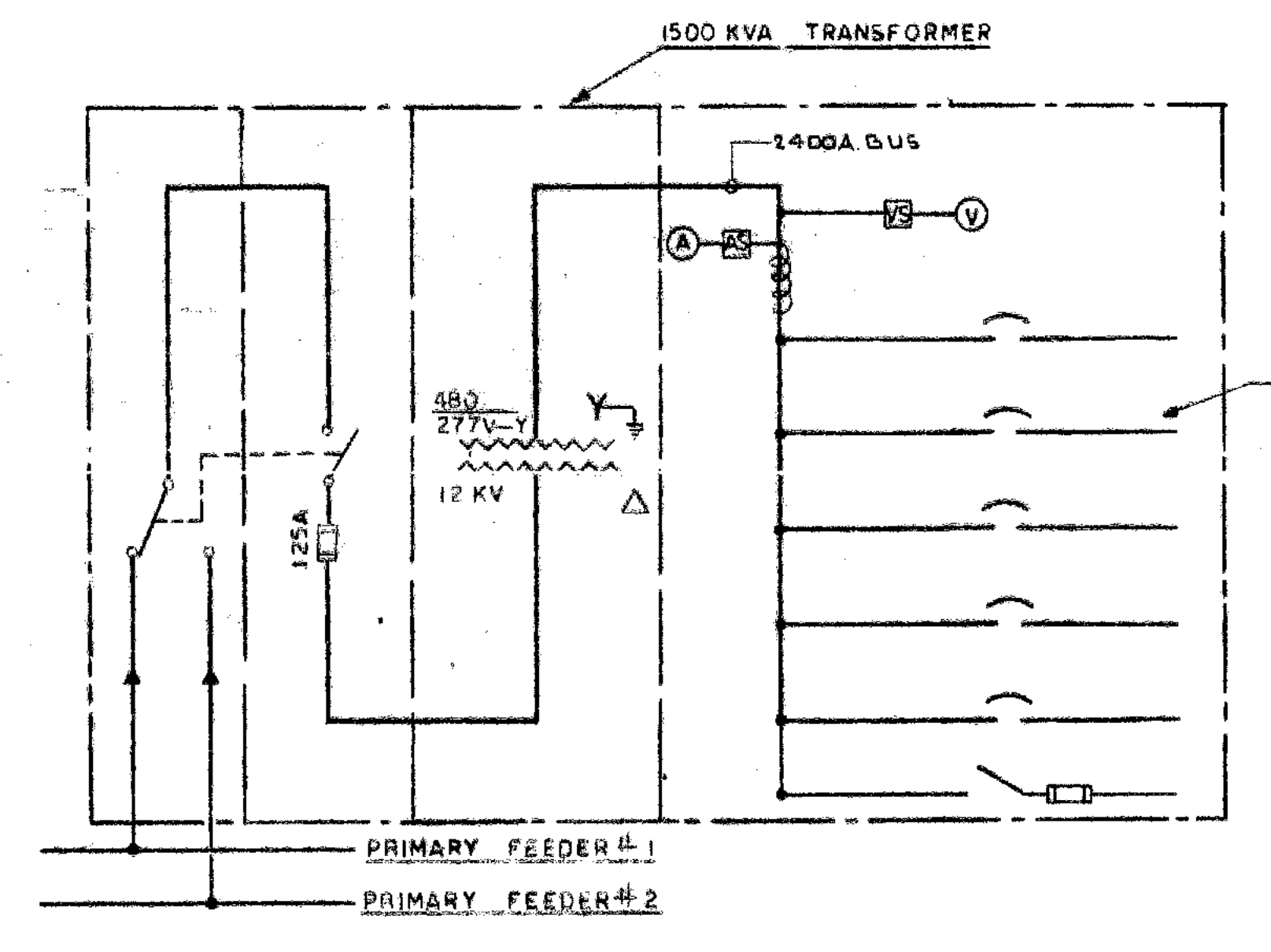
ONE LINE DIAGRAM OF UNIT SUBSTATION SECONDARY SWITCHBOARDS



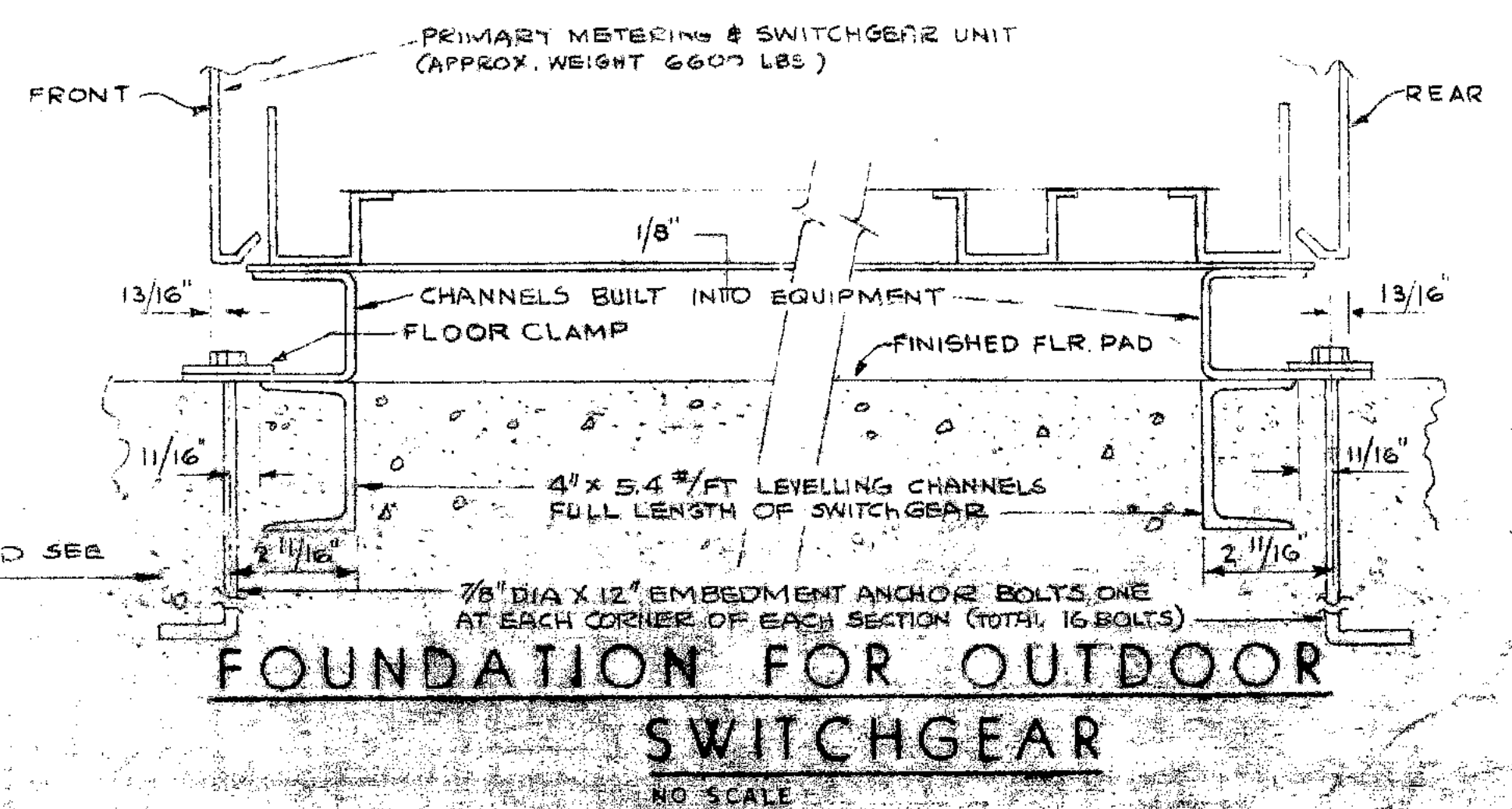
CONCRETE PAD FOR OUTDOOR SWITCHGEAR
SCALE: 3/4"=1'-0"

SYMBOLS	
SYMBOL	DESCRIPTION
○	PEDESTAL RECEPTACLE, SINGLE FACE (ELECTRICITY LAB.)
○	PEDESTAL RECEPTACLE, DOUBLE FACE (ELECTRICITY LAB.)
○	FLOW SWITCH (SUPPLIED UNDER PLUMBING WORK.)
○	15A, 125V, 3 WIRE POLARIZED DUPLEX RECEPTACLE MTD. HORIZONTALLY IN SPLASH (+38 1/2")
○	15A, 125V, 3 WIRE POLARIZED DUPLEX RECEPTACLE IN SINGLE GANG, SINGLE FACE PEDESTAL.
○	15A, 125V, 3 WIRE POLARIZED DUPLEX RECEPTACLE IN A SINGLE GANG DOUBLE FACE PEDESTAL.
○	20A, 250V, 3 WIRE POLARIZED SINGLE RECEPTACLE IN A SINGLE GANG, SINGLE FACE PEDESTAL.
○	20A, 250V, 3 WIRE POLARIZED SINGLE RECEPTACLE MTD. HORIZONTALLY IN SPLASH (+38 1/2").
○	20A, 250V, 4 WIRE POLARIZED SINGLE RECEPTACLE IN A SINGLE GANG, SINGLE FACE PEDESTAL.
○	20A, 250V, 4 WIRE POLARIZED SINGLE RECEPTACLE IN A SINGLE GANG, DOUBLE FACE PEDESTAL.
○	KILL SWITCH (EMERGENCY POWER OFF) PUSHBUTTON.
○	UNDERFLOOR DUCT RUN

- NOTES**
- CONTRACTOR SHALL COORDINATE ALL ELECTRICAL WORK WITH ARCHITECTURAL MECHANICAL AND PLUMBING PLANS AND WORK.
 - COORDINATE WITH ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATION OF LIGHTS IN AREAS WHERE LIGHTS ARE SHOWN.
 - FOR CONDUIT PENETRATIONS THROUGH WALL AND FOUNDATIONS SEE DETAILS ON ARCHITECTURAL DRAWING NO. ---
 - PEDESTAL AND RECEPTACLE FURNISHED BY COLLEGE.
 - SYMBOL WITH "B" ALONGSIDE INDICATES RECEPTACLE AND PEDESTAL (WHERE INDICATED) ARE FURNISHED BY BENCH MANUFACTURER, AND INSTALLED AND WIRED BY ELECTRICAL CONTRACTOR.
 - DUPLEX CONVENIENCE RECEPTACLES SHALL BE MOUNTED HORIZONTALLY.
 - CLOCK OUTLETS MAY BE RELOCATED 6" - 0" IN ANY DIRECTION AT NO EXPENSE TO THE OWNER.



TYPICAL UNIT SUBSTATION
NO SCALE



FOUNDATION FOR OUTDOOR SWITCHGEAR
NO SCALE

SYMBOLS	
SYMBOL	DESCRIPTION
○	FLOURESCENT FIXTURE OUTLET, CEILING
○	INCANDESCENT FIXTURE OUTLET, CEILING
○	INCANDESCENT FIXTURE OUTLET, WALL
○	EXIT LIGHT, WALL OR CEILING
○	SAFETY LIGHT, WALL OR CEILING
○	FLOOD OR SPOT LIGHT
○	LIGHTING FIXTURE DESIGNATION; INDICATES TYPE OF FIXTURE, NUMBER AND WATTAGE OF LAMP. JUNCTION BOX "B" INDICATE WITH BLANK COVER.
○	DUPLEX CONVENIENCE OUTLET, WALL MOUNTED UP 12" UNLESS OTHERWISE NOTED.
○	FLOOR OUTLET WITH DUPLEX CONVENIENCE RECEPTACLE GROUND TYPE.
○	SINGLE POLE SWITCH, UP 48" UNLESS OTHERWISE NOTED.
○	DOUBLE POLE SWITCH.
○	THREE WAY SWITCH.
○	FOUR WAY SWITCH.
○	SWITCH & PILOT LIGHT.
○	MOMENTARY CONTACT SWITCH.
○	SWITCH WITH OVERLOAD PROTECTION.
○	KEY OPERATED SWITCH.
○	SUBSCRIPT LETTER ADJACENT SYMBOL INDICATES CONTROL.
○	FIGURE ADJACENT SYMBOL INDICATES CIRCUIT NO. ON PANEL.
○	ELECTRIC WATER COOLER.
○	WEATHERPROOF OUTLET OR DEVICE.
○	CIRCUIT.
○	EMPTY CONDUIT.
○	MICROPHONE OUTLET
○	CLOCK
○	PROGRAM BELL
○	TELEPHONE OUTLET CALL DIRECTOR (USE 1/4" CONDUIT MIN.)
○	TELEPHONE WALL OUTLET, 12" UNLESS OTHERWISE NOTED OR FLOOR MOUNTED.
○	TELEVISION RECEIVER ANTENNA OUTLET +12" UNLESS OTHERWISE NOTED.
○	AISLE LIGHT.
○	OUTLET FOR PROJECTION SOUND JACK.
○	OUTLET FOR SPEAKER JACK.
○	LOW LEVEL SOUND SPEAKER OUTLET, CEILING MOUNTED.
○	VOLUME CONTROL +5" - 4" UNLESS OTHERWISE NOTED.
○	FIRE-ALARM STATION FLUSH MOUNTED, UP +54".
○	FIRE-ALARM HORN FLUSH MOUNTED.
○	FIRE-ALARM CONTROL PANEL.
○	FIRE-ALARM HORN, DOUBLE OR SINGLE, AS SHOWN.
○	DIAL-A-LESSON OUTLET.
○	THERMOSTAT UP +5" - 4" UNLESS OTHERWISE NOTED.
○	MOTOR OR MOTOR OUTLET.
○	FAN OUTLET.
○	DISCONNECT SWITCH.
○	MOTOR STARTER, MAGNETIC.
○	PUSH-BUTTON STATION (L.O.S. - LOCK-OUT-STOP, WHERE SHOWN).
○	TRANSFORMER.
○	LIGHTING PANEL.
○	LIGHTING/RECEPTACLE PANEL.
○	POWER PANEL.
○	FIRE ALARM CONDUIT.
○	EMERGENCY CONDUIT.
○	CONDUIT CONCEALED IN WALL OR CEILING, CROSSBARS INDICATE NUMBER OF CONDUCTORS IN CONDUIT, WHERE MORE THAN TWO.
○	CONDUIT CONCEALED IN FLOOR.
○	CONDUIT ROUTED EXPOSED.
○	SOUND CONDUIT.
○	TELEVISION CONDUIT.
○	TELEPHONE CONDUIT - 3/4" CONDUIT MINIMUM.
○	INTERCOMMUNICATION CONDUIT - 3/4" CONDUIT MINIMUM.
○	SPECIAL PURPOSE OUTLET (USE AS INDICATED)
○	RECEPTACLE, 15 AMP, 250V, 3P, 4 WIRE, WALL, OR FLOOR.
○	RECEPTACLE, 20 AMP, 250V, 3P, 4 WIRE, WALL, OR FLOOR.
○	RECEPTACLE, 30 AMP, 250V, 3P, 4 WIRE, WALL, OR FLOOR.
○	RECEPTACLE, 50 AMP, 250V, 3P, 4 WIRE, WALL, OR FLOOR.
○	RECEPTACLE, 15 AMP, 250V, 2P, 3 WIRE, WALL, OR FLOOR.
○	RECEPTACLE, 30 AMP, 125/250V, 3 POLE, 4 WIRE GROUNDING.
○	RECEPTACLE, 20 AMP, 125V, 2P, 3W, WALL, OR FLOOR.
○	RECEPTACLE, 30 AMP, 125V, 2P, 3W, WALL, OR FLOOR.
○	RECEPTACLE, 50 AMP, 125V, 2P, 3W, WALL, OR FLOOR.
○	STUDENT RESPONSE SYSTEM WALL OR FLOOR.
○	TELEPHONE TERMINAL CABINET.
○	RECEPTACLE, 20 AMP, 250V, 2P, 3W.
○	FLUSH FLOOR POCKET 41 GANG.
○	FLUSH WALL POCKET 3 GANG.
○	KEY OPERATED RAISE-LOWER SWITCH.
○	INDICATES DETAIL ON SHEET 2550.
○	DARK ROOM SAFE LIGHT.
○	RECEPTACLE ON RECEPTACLE MOUNT.
○	SMOKE DETECTOR CEILING MOUNTED.
○	SMOKE DETECTOR WALL MOUNTED.
○	SMOKE DETECTOR FLOOR MOUNTED.

PERALTA JUNIOR COLLEGE DISTRICT CIVIC CENTER SITE
FALLON AND EAST TENTH STREETS OAKLAND, CALIFORNIA

SKIDMORE, OWINGS & MERRILL ARCHITECTS SAN FRANCISCO

APPROVED FOR THE ARCHITECT BY: *[Signature]* DATE: 7/26/68

APPROVED FOR THE OWNER BY: *[Signature]* DATE: 7/26/68

REVISIONS

NO.	REVISION
1	REVISED TO AGREE WITH SHEET 2541
2	PLANNED CHANGE NO.

DISTRIBUTION DIAGRAM & SYMBOL LIST

P 4

PERALTA JUNIOR COLLEGE DISTRICT
CIVIC CENTER SITE
FALLON AND EAST TENTH STREETS
OAKLAND, CALIFORNIA

SKIDMORE, OWINGS & MERRILL
ARCHITECTS
SAN FRANCISCO

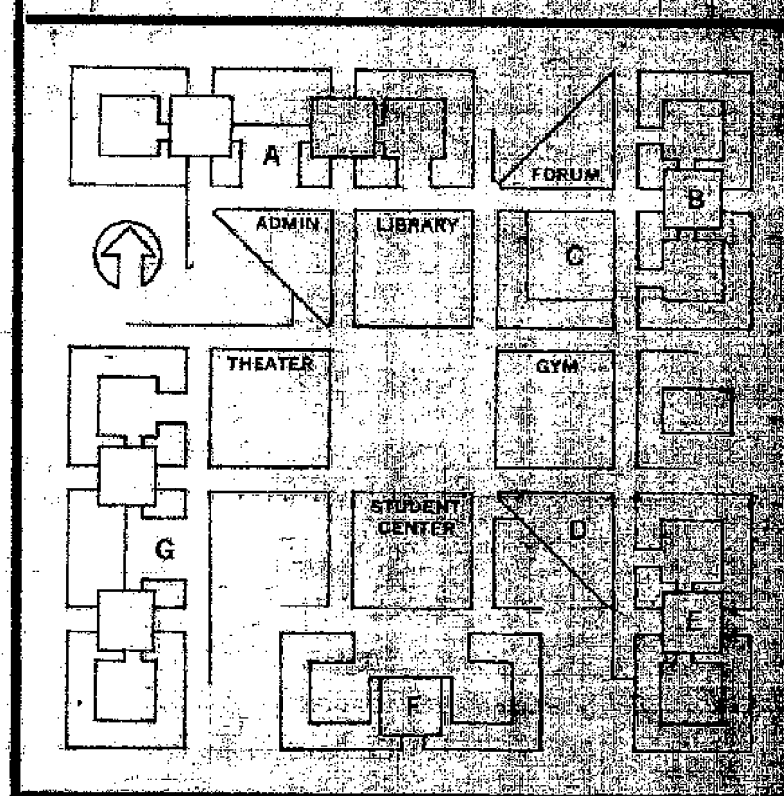
APPROVED FOR THE ARCHITECT
BY: *[Signature]*
DRAWN BY: *[Signature]*
A. BAUERMEISTER
CHECKED BY: *[Signature]*

APPROVED FOR THE ENGINEER
BY: *[Signature]*
STATE OF CALIFORNIA
DEPARTMENT OF GENERAL INVESTIGATION
OFFICE OF ARCHITECTURE & CONSTRUCTION
DATE: 5/15/68
STATE OF CALIFORNIA
APPROVED BY: *[Signature]*

REVISIONS

REVISED TO AGREE WITH CONTRACT
PLANNED CHANGE NO. 15
PLANNED CHANGE NO. 16
PLANNED CHANGE NO. 17

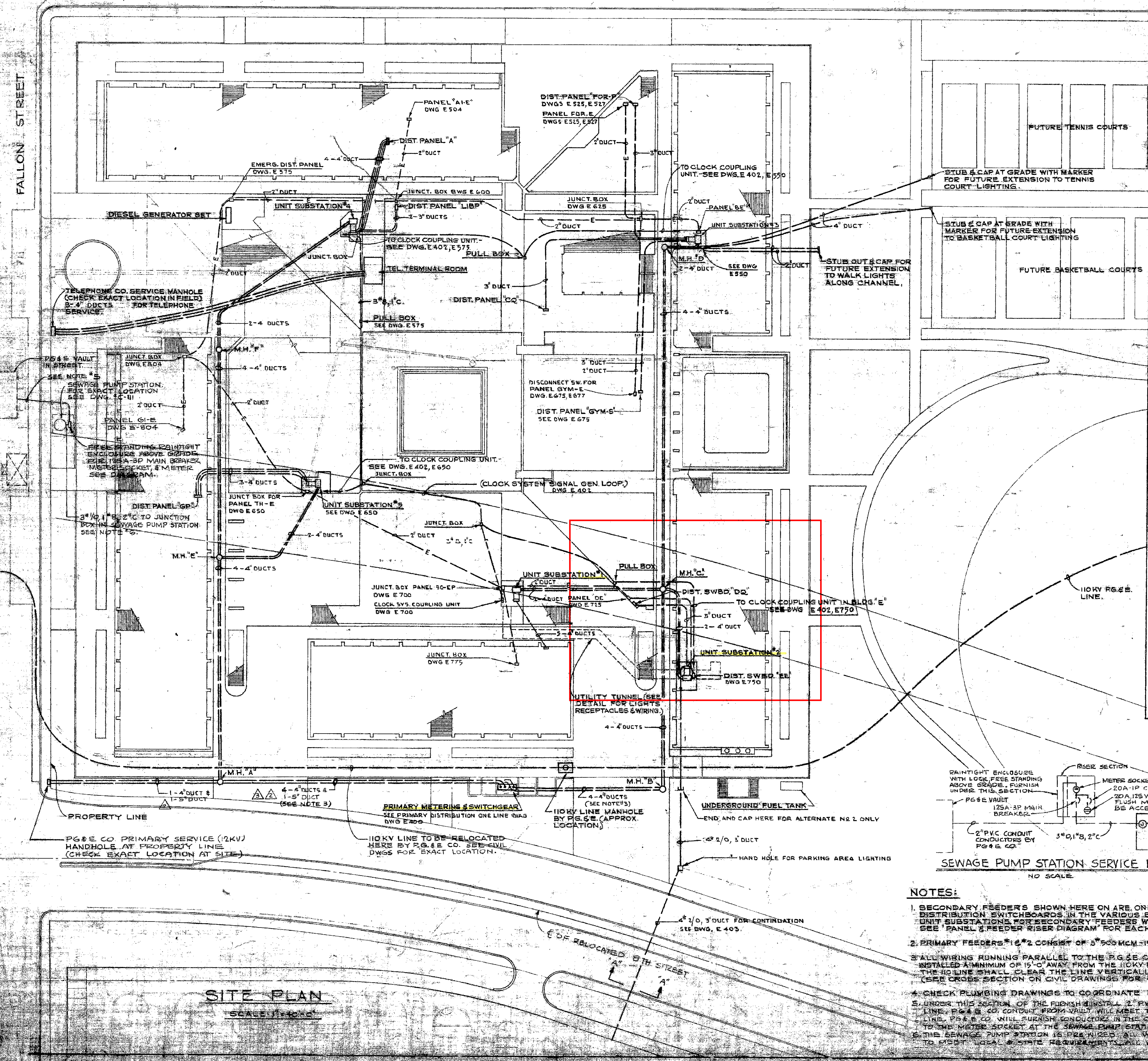
NEW PROJECT NUMBERS
JOB NO. 68-00044-C
JOB NO. 68-00044-D



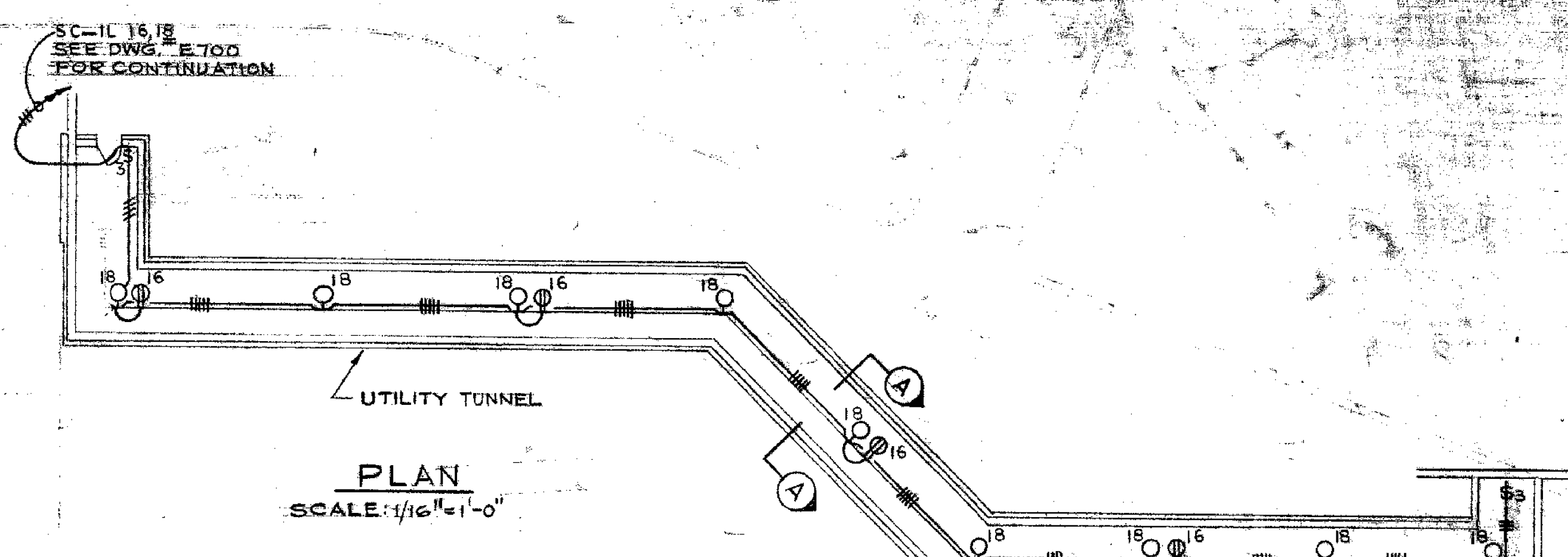
SITE PLAN -
ELECTRIC DISTRIBUTION

FALLON STREET

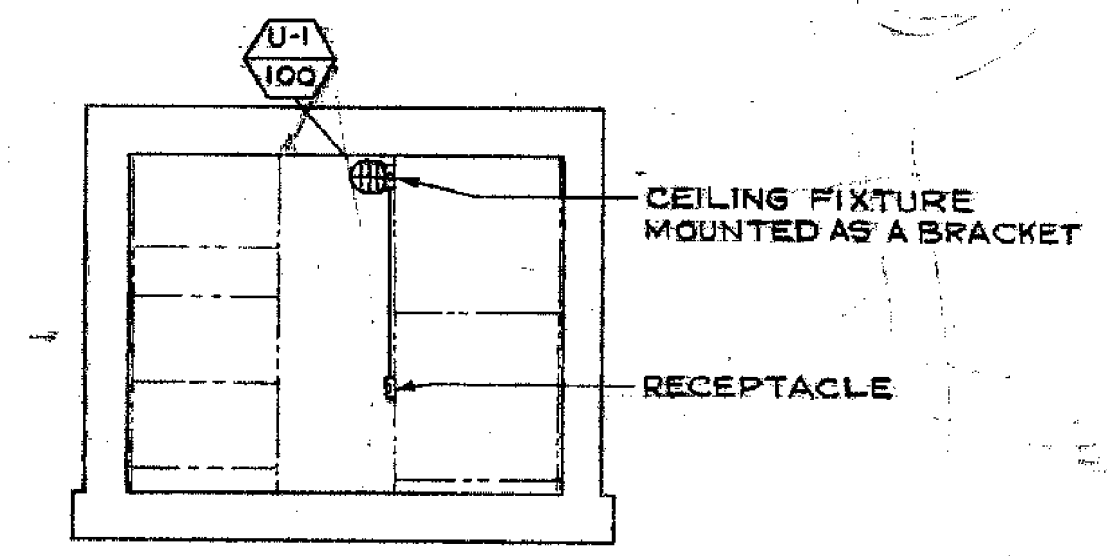
10TH STREET



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

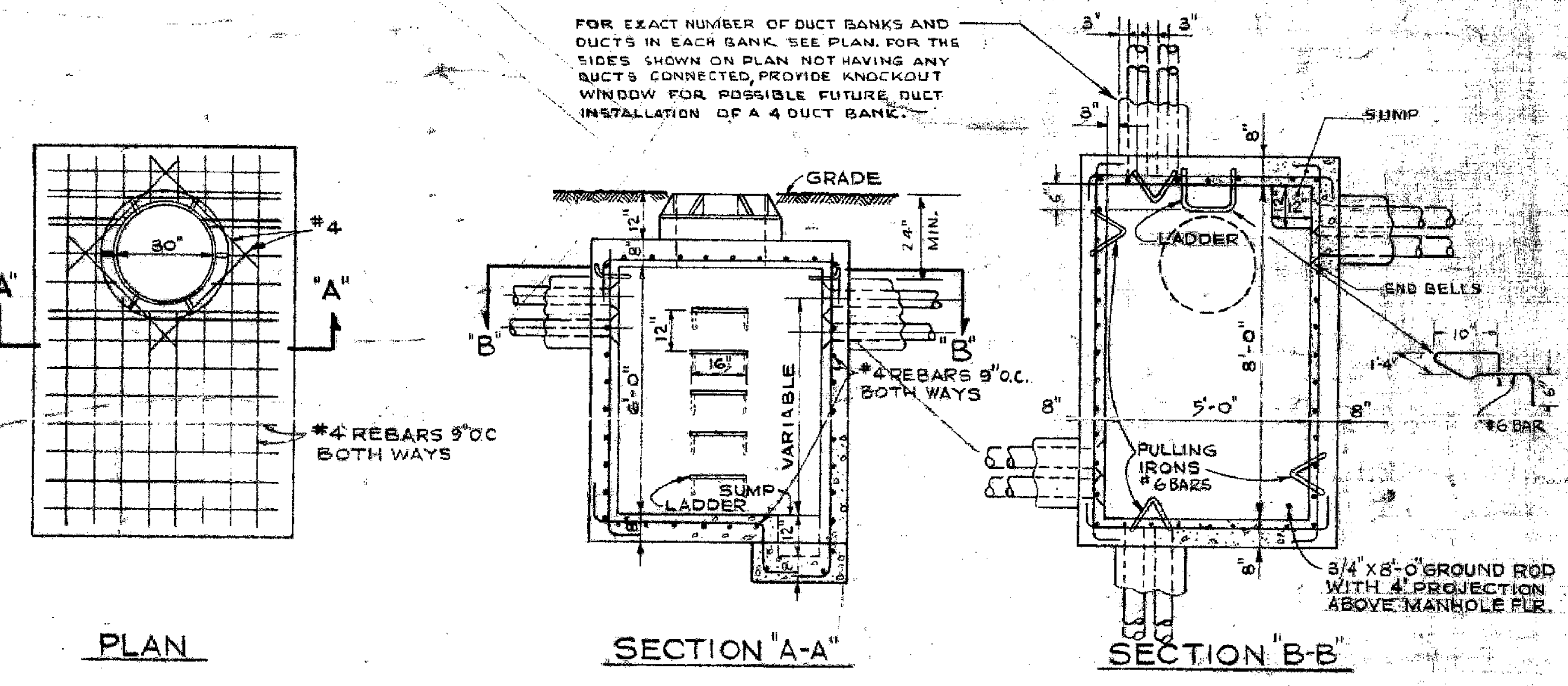


UTILITY TUNNEL
PLAN
SCALE: 1/16"=1'-0"



TYPICAL TUNNEL SECTION
SCALE: 1/4"=1'-0"

DETAILS OF UTILITY TUNNEL



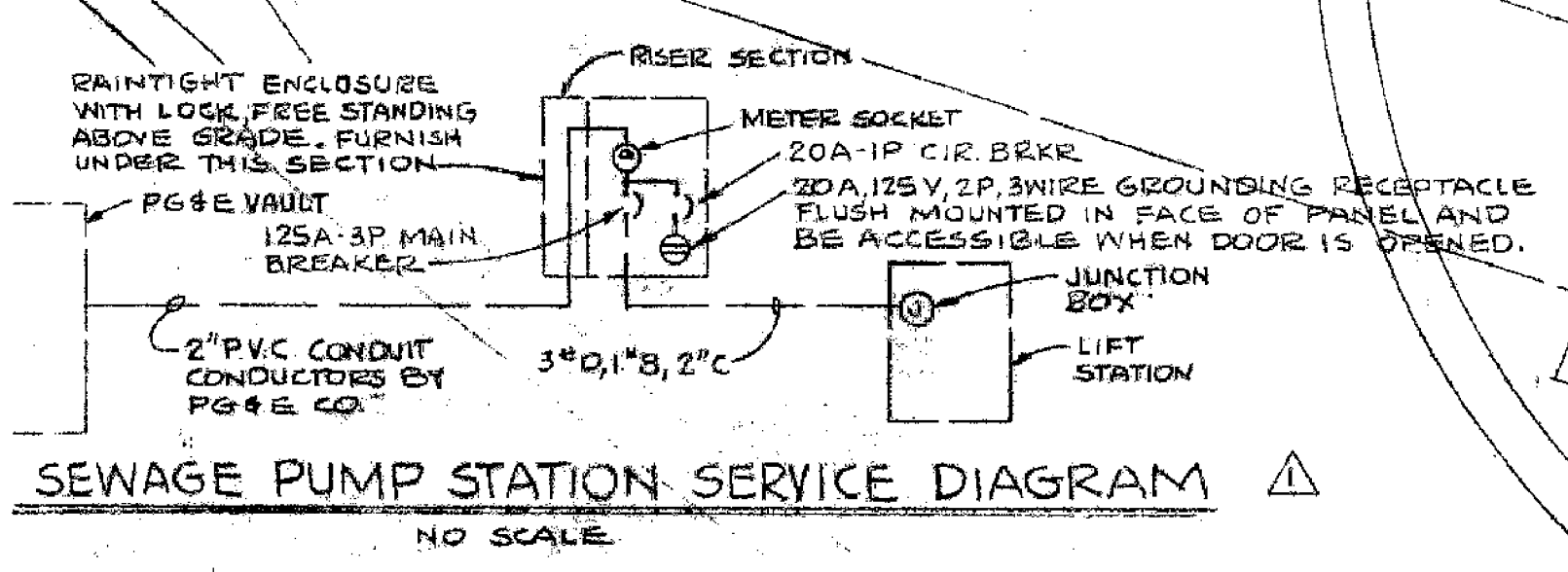
PLAN

SECTION A-A

SECTION B-B

MANHOLE DETAIL
NOT TO SCALE

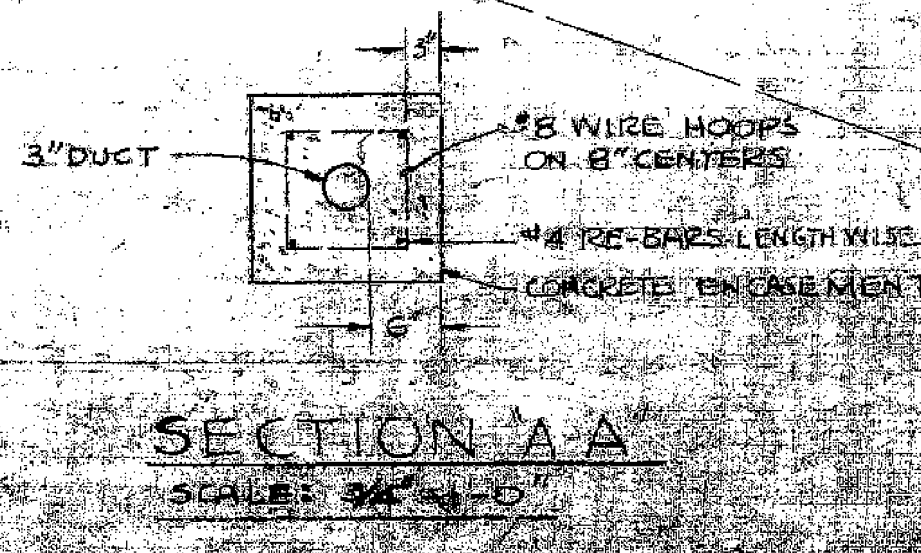
NOTE: HARDWARE AND COVER FOR THE MANHOLES SHALL BE STEEL. THE COVER HAVE A WAFLE PATTERN TOP WITH THE WORD "ELECTRIC" EMBEDDED.



SEWAGE PUMP STATION SERVICE DIAGRAM
NO SCALE

NOTES:

1. SECONDARY FEEDERS SHOWN HERE ON ARE ONLY FEEDERS TO DISTRIBUTION SWITCHBOARDS IN THE VARIOUS BUILDING FROM THE UNIT SUBSTATIONS FOR SECONDARY FEEDERS WITHIN EACH BUILDING. SEE "PANEL FEEDER RISER DIAGRAM" FOR EACH BUILDING.
2. PRIMARY FEEDERS #1 & #2 CONSIST OF 3" 500 MCM 15KV CABLE IN 1-4" DUCT EACH.
3. ALL WIRING RUNNING PARALLEL TO THE PG&E CO'S 110KV LINE SHALL BE INSTALLED A MINIMUM OF 15'-0" AWAY FROM THE 110KV LINE. ALL WIRING CROSSING THE 110KV LINE SHALL CLEAR THE LINE VERTICALLY BY AT LEAST 5'-0". (SEE CROSS SECTION ON CIVIL DRAWINGS FOR OTHER UTILITIES.)
4. CHECK PLUMBING DRAWINGS TO COORDINATE DUCT INSTALLATIONS.
5. UNDER THIS SECTION OF THE PUDSH INSTALL 2" PVC CONDUIT TO THE PROPERTY LINE. PG&E CO CONDUIT FROM VAULT WILL MEET THIS CONDUIT AT THE PROPERTY LINE. PG&E CO WILL FURNISH CONDUIT IN THE CONDUIT FROM THE VAULT TO THE MAIN WATER STREET AT THE SEWAGE PUMP STATION FOR 110KV/24KV 3" 4" DUCT RISES.
6. THE SEWAGE PUMP STATION IS TO BE SITED. ALL WIRING SHALL BE REISED IF NECESSARY TO MEET LOCAL & STATE REQUIREMENTS. ALL WIRING SHALL BE IN RAKEWAY.



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