

FORM APPROVED COUNTY COUNSEL
 BY: M. A. Victor 11/21/07
 MARSHA L. VICTOR DATE

2007-11-215



**SUBMITTAL TO THE BOARD OF SUPERVISORS
 COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**

FROM: Department of Facilities Management

SUBMITTAL DATE:
 November 2, 2007

SUBJECT: Southwest Justice Center Waste Grinder Project

RECOMMENDED MOTION: That the Board of Supervisors approve the plans and specifications for the Southwest Justice Center Waste Grinder project and authorize the Clerk of the Board to advertise for bids.

BACKGROUND: Due to regulatory changes in the pre-treatment requirements of wastewater from commercial facilities, the Eastern Municipal Water District now limits the maximum size of non-biodegradable items to be discharged into the sewer. In order to comply with this new regulation, a waste grinder system must be installed at the facility. Facilities Management requests approval to solicit bids for the project. Facilities Management will return to the Board with a Form 11 for approval of the total project budget and award of the construction contract to the lowest responsive and responsible bidder.

Departmental Concurrence

Lisa Brandl *Lisa Brandl for*
 Robert Field, Director
 Department of Facilities Management

RF:NC:jle
 Project #FM03250003573

FINANCIAL DATA	Current F.Y. Total Cost:	\$ 0	In Current Year Budget:	N/A
	Current F.Y. Net County Cost:	\$ 0	Budget Adjustment:	N/A
	Annual Net County Cost:	\$ 0	For Fiscal Year:	07/08

SOURCE OF FUNDS: Deferred Maintenance	Positions To Be Deleted Per A-30	<input type="checkbox"/>
	Requires 4/5 Vote	<input type="checkbox"/>

C.E.O. RECOMMENDATION: APPROVE

BY: *Jennifer L. Sargent*
 Jennifer L. Sargent

County Executive Office Signature

Policy
 Policy
 Consent
 Consent
 Dept't Recomm.:
 Per Exec. Ofc.:

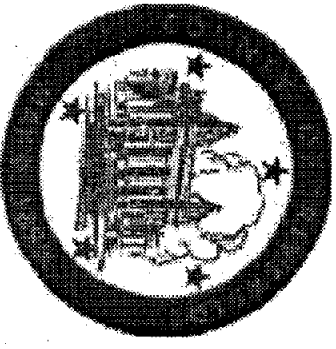
Prev. Agn. Ref.: | District: 3 | Agenda Number:

ATTACHMENTS FILED
 WITH THE CLERK OF THE BOARD

3.17

Available via augebill

GRINDER ADDITION



Located at

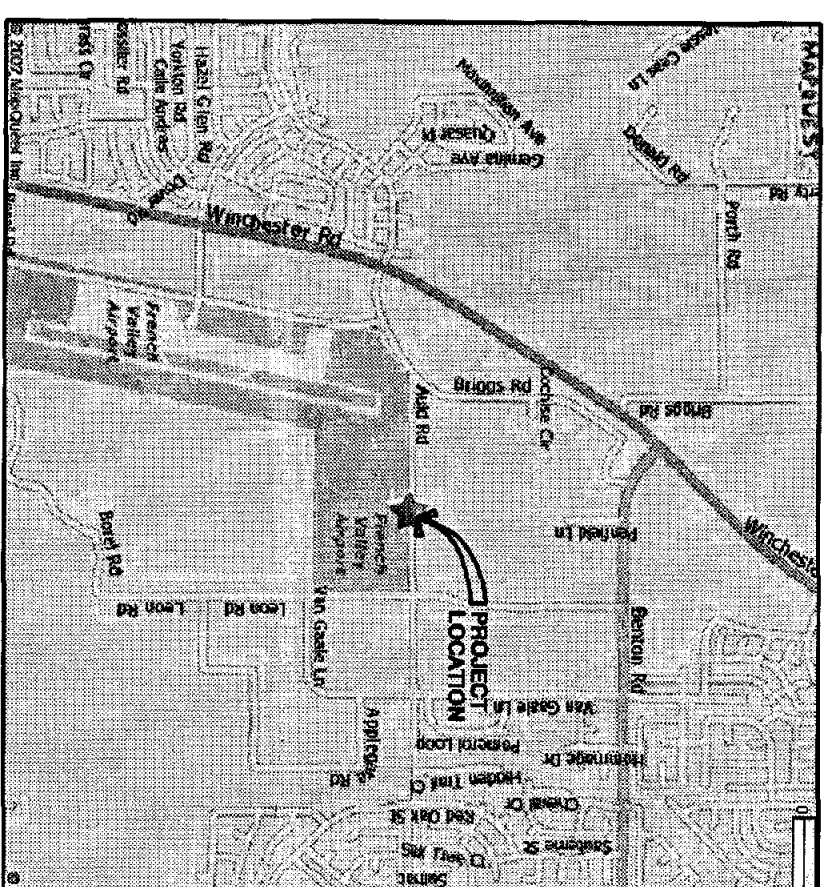
30755-D Auld Road, Suite 3220
Murrieta, CA 92563

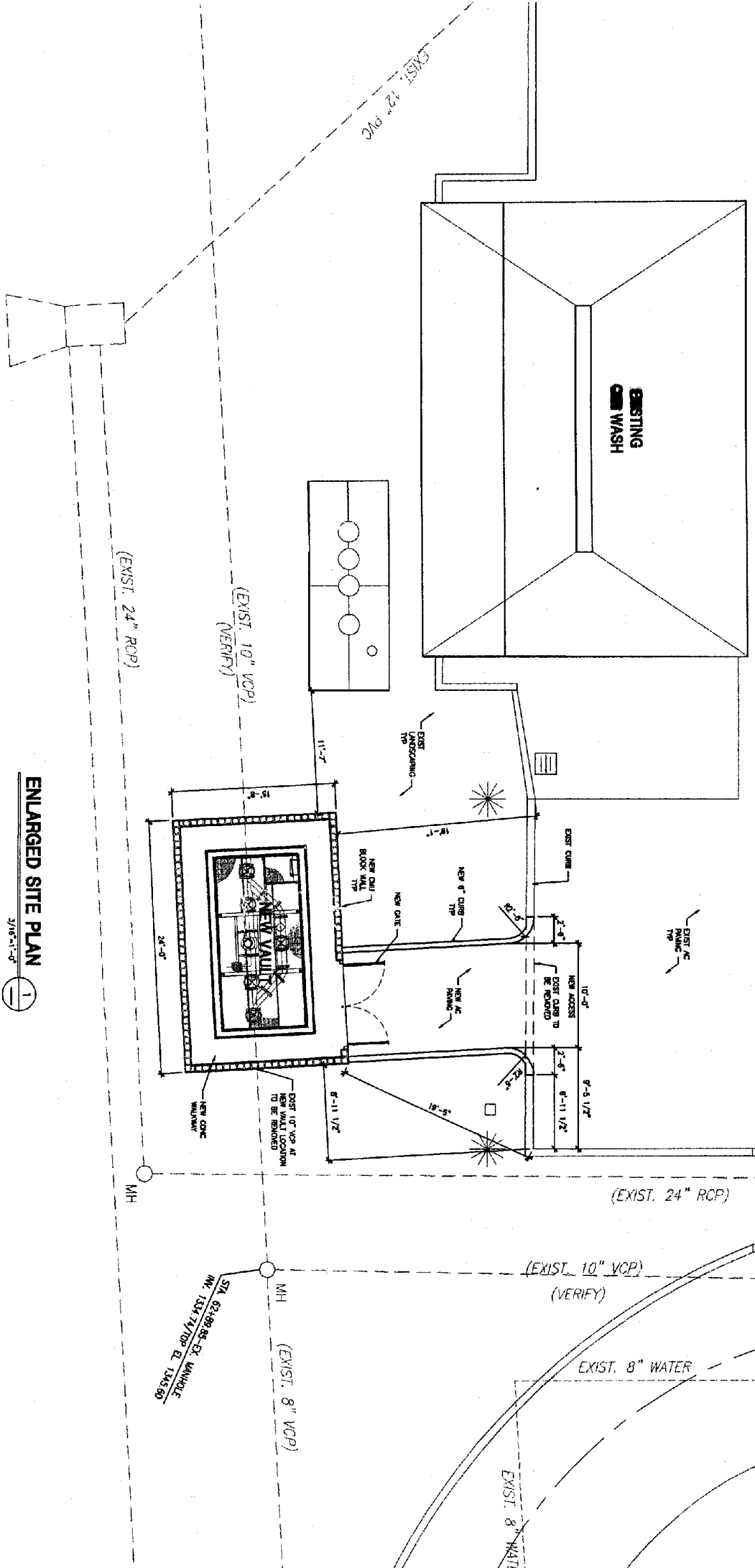
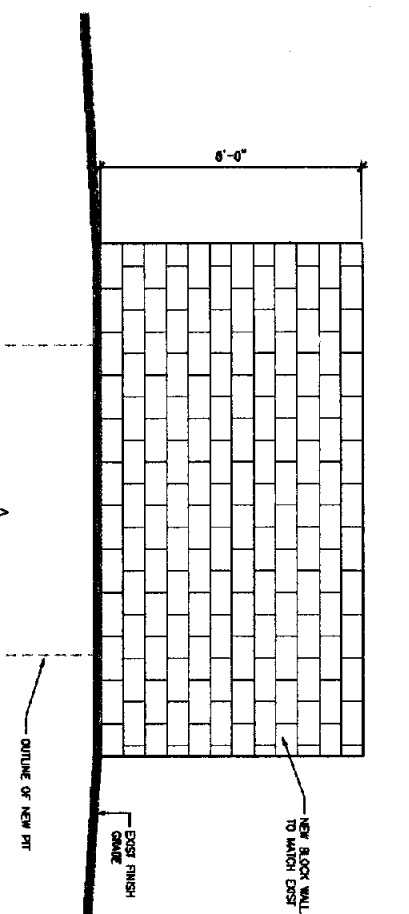
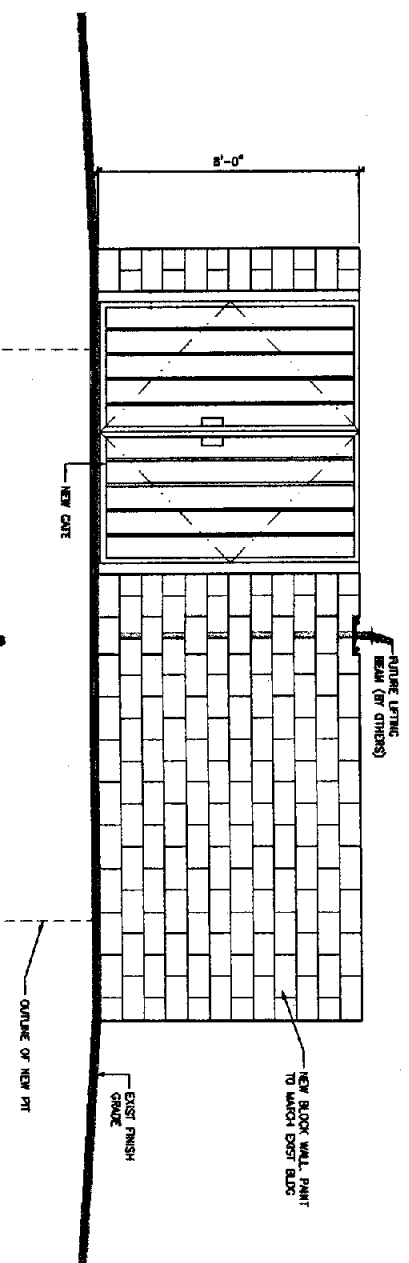
SHEET INDEX

- ARCHITECTURAL**
 T-1 NAME & VICINITY MAP
 A-1 GENERAL SITE PLAN
 A-2 DIMENSIONED SITE PLAN & WALL BEANINGS
- STRUCTURAL**
 S-1 STRUCTURAL NOTES & BEARING SCHEDULE
 S-2 DIMENSIONED WALL PLAN, ENCLOSURE SUB PLAN & WALL SECTIONS
- ELECTRICAL**
 E-1 WIRING & SINGLE LINE
 E-2 WIRING & POWER PLANS
- PIPING**
 PR-1 PIPING PLAN & SECTION

PROJECT TEAM

- OWNER:**
 COUNTY OF RIVERSIDE
 3133 MISSION IN AVENUE
 RIVERSIDE, CALIFORNIA 92507
- ARCHITECTS/ENGINEERS:**
 PETTIT
 1641 Commerce Street
 Corona, CA 92880
 Telephone (951) 738-8181
 CONTACT: JOHN O'DOHERTY
- STRUCTURAL ENGINEER:**
 PETTIT
 1641 Commerce Street
 Corona, CA 92880
 Telephone (951) 738-8181
 CONTACT: JOHN CALLEN
- ELECTRICAL ENGINEER:**
 DMI, INC.
 8140 WEIRICK ROAD
 CORONA, CALIFORNIA 92883
 Telephone (951) 277-9109
 CONTACT: DANNY IRANI

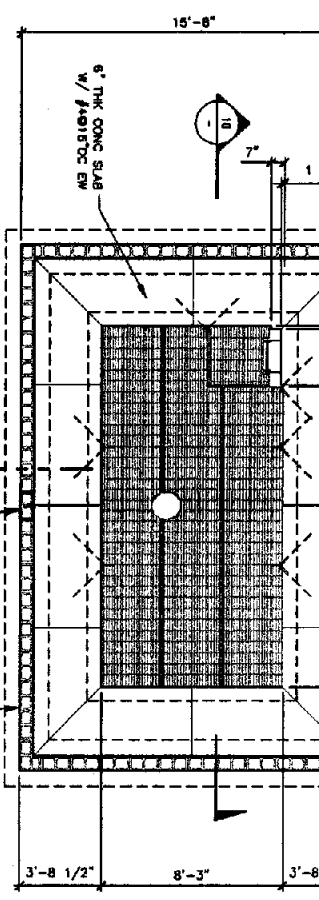
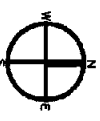




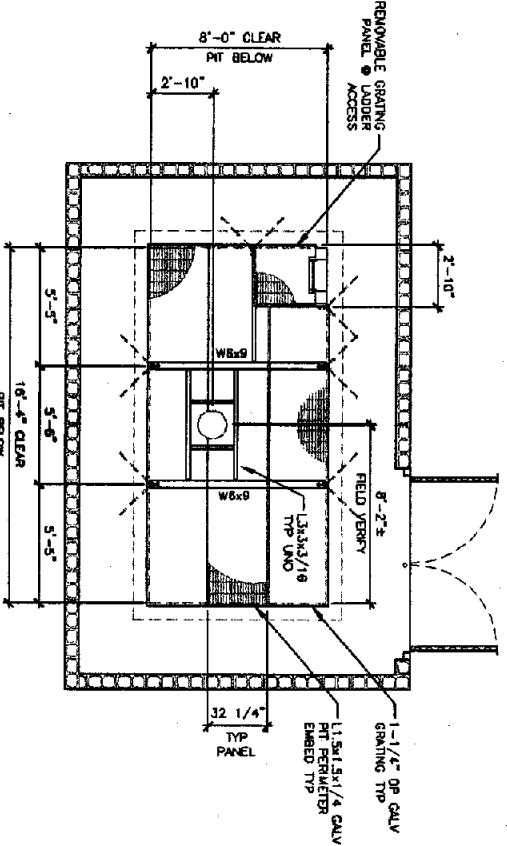
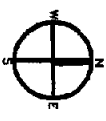
ENLARGED SITE PLAN

3/16-1'-0" 1

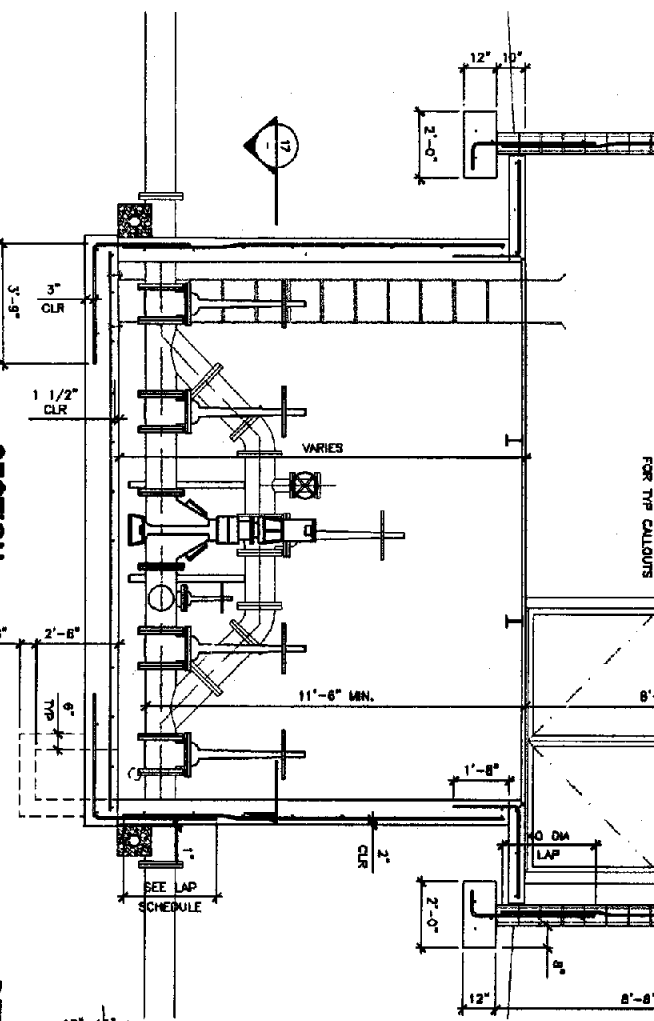
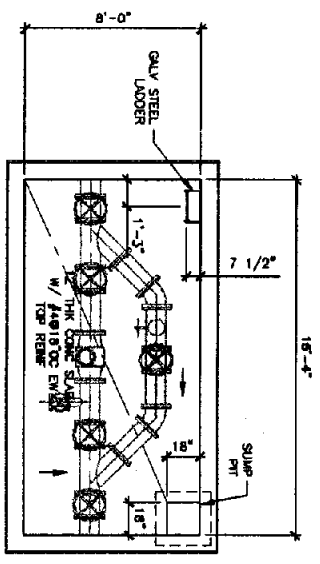
STA. 62+88.85 - EX. MANHOLE
 INV. 1337.74/709' EL. 1345.80



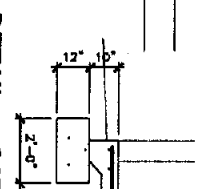
ENCLOSURE SLAB PLAN
SCALE 1/4" = 1'-0"



PIT COVER FRAMING PLAN
SCALE 1/4" = 1'-0"



SECTION 10
SCALE 3/8" = 1'-0"



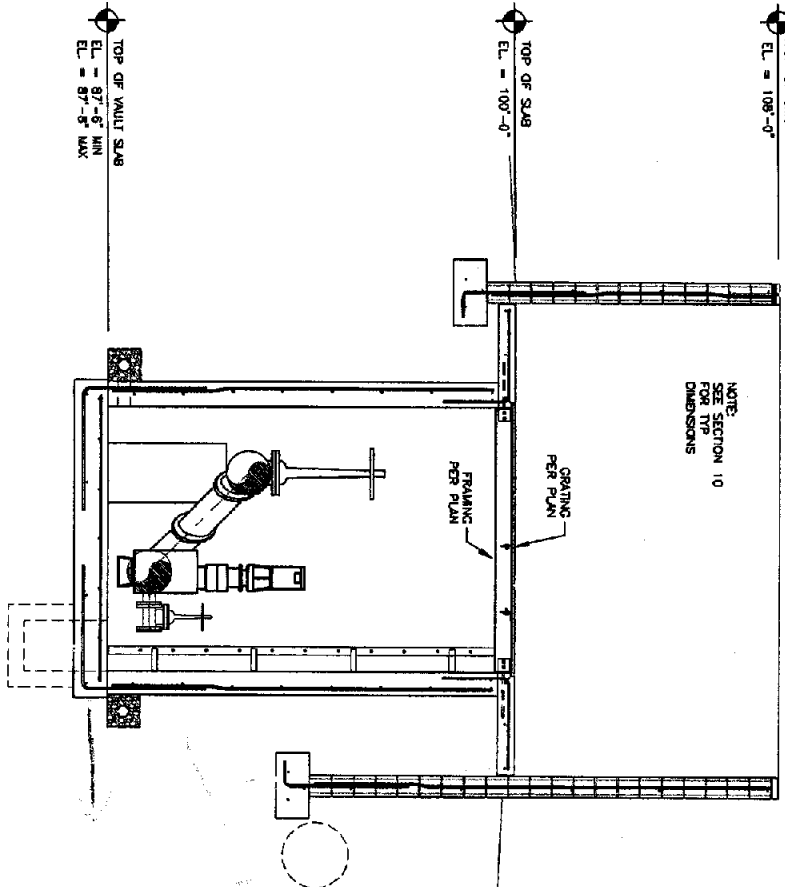
DETAIL OF GAT
SCALE 3/8" = 1'-0"

TOP OF CHAL
EL. = 108'-0"

TOP OF SLAB
EL. = 100'-0"

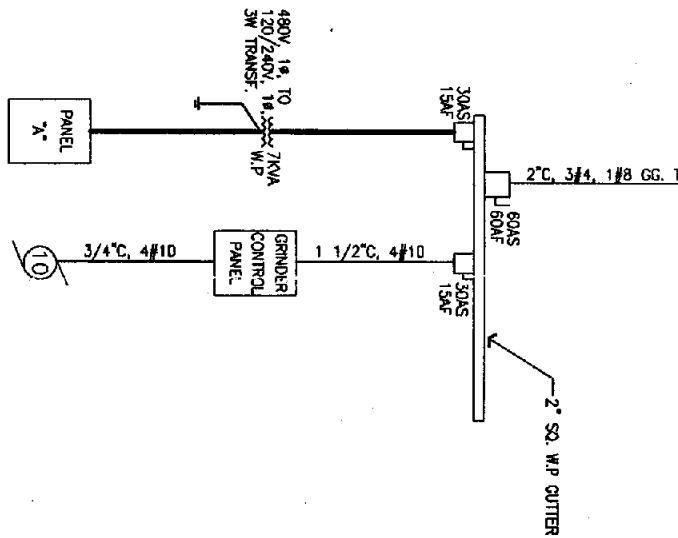
TOP OF VAULT SLAB
EL. = 87'-6" MIN
EL. = 87'-6" MAX

NOTE
SEE SECTION 10
FOR TYP
DIMENSIONS

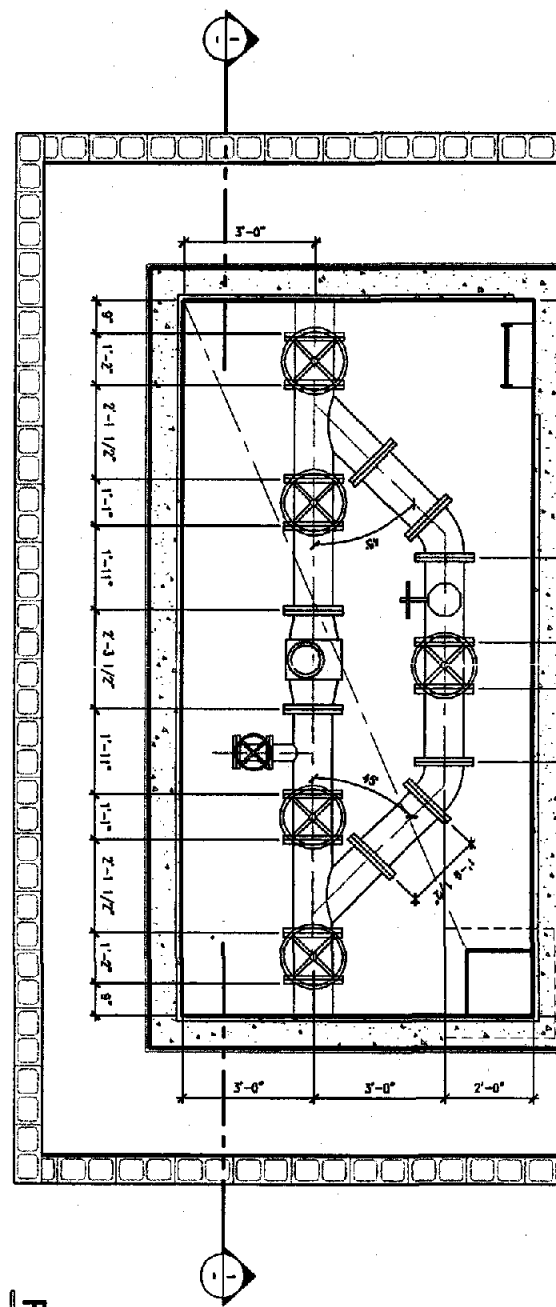
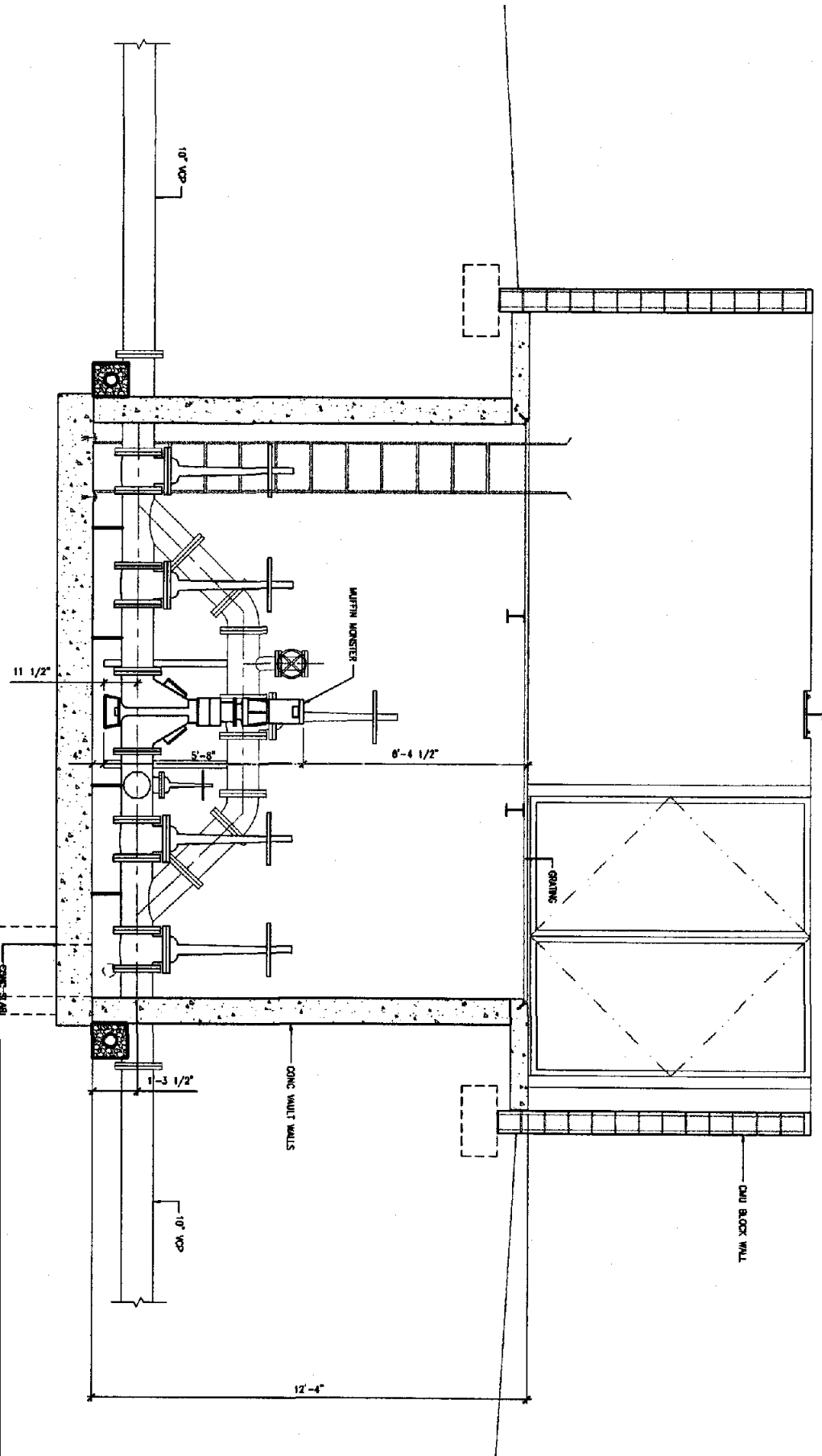


PR

4. ALL MATERIAL AND EQUIPMENT SHALL BE NEW AND IN PERFECT CONDITION WHEN INSTALLED, AND SHALL BE OF THE HIGHEST GRADE AND OF THE SAME MANUFACTURE FOR EACH CLASS OR GROUP OF EQUIPMENT, AND SHALL BE INSTALLED IN MANNER FOR WHICH THEY ARE DESIGNED AND APPROVED. MATERIAL AND EQUIPMENT SHALL BE OLD USED.
5. VERIFY EXISTING SITE CONDITIONS, SERVICE REQUIREMENTS, AND EXACT LOCATIONS OF SERVICE FACILITIES BEFORE SUBMITTING BID. SUBMITTAL OF BID INDICATES ELECTRICAL CONTRACTOR IS COGNIZANT OF ALL JOB SITE CONDITIONS AND WORK TO BE PERFORMED UNDER THIS CONTRACT.
6. CONTRACTOR SHALL MAINTAIN ONE SET OF THESE PLANS MARKED IN RED SHOWING EVERY CHANGE, ADDITION, DELETION, OR MODIFICATION. THIS SET-BUILT SET SHALL BE RETURNED TO THE OWNER BEFORE FINAL ACCEPTANCE OF THE WORK.
7. COMPLETE JOB SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR AFTER THE ACCEPTANCE DATE BY THE OWNER.
8. ENTIRE ELECTRICAL SYSTEM SHALL BE GROUNDED AS REQUIRED BY ALL APPLICABLE CODES AND SERVING UTILITIES. ELECTRICAL CONTRACTOR SHALL PERFORM ALL REQUIRED TESTS.
9. CONDUCTORS SHALL BE TYPE THHN/THWN INSULATION 90V VOLT COPPER, MINIMUM #12 AWG, EXCEPT FOR CONTROLS. #8 AWG AND LARGER SHALL BE STRANDED.
10. FURNISH AND INSTALL ALL LINE VOLTAGE WIRING, CONDUITS AND OUTLETS TO RENDER MECHANICAL, PLUMBING AND KITCHEN SYSTEMS COMPLETE AND OPERABLE. VERIFY VOLTAGE AND POWER REQUIREMENTS TO EACH PIECE OF EQUIPMENT WITH RESPECTIVE CONTRACTOR PERIOD TO ROUGH-IN.
11. REFER TO MECHANICAL, PLUMBING AND KITCHEN PLANS FOR EXACT EQUIPMENT LOCATIONS AND CONTROL REQUIREMENTS.
12. INCLUDE CODE SIZED GROUND CONDUCTOR FOR ALL NON-METALLIC AND FLEXIBLE CONDUIT RUNS. ALL CONDUIT SHALL BE CONCEALED EXCEPT WHERE NOTED. ALL EXPOSED CONDUIT SHALL RUN PARALLEL OR AT RIGHT ANGLES TO BUILDING WALLS. ALL CONDUIT ONLY (C.O.) SHALL HAVE NYLON PULLROPE.
13. ELECTRICAL CONTRACTOR SHALL NOT BORE, NOTCH, WELD OR IN ANY WAY CUT INTO ANY STRUCTURAL MEMBER WITHOUT WRITTEN APPROVAL FROM STRUCTURAL ENGINEER OR ARCHITECT.
14. ALL EQUIPMENT IN DAMP LOCATIONS AND ALL EXPOSED TO WEATHER SHALL BE WEATHERPROOF.
15. MOUNTING HEIGHT OF ALL DEVICES SHALL CONFORM TO ADA REQUIREMENTS AND CALIFORNIA STATE ACCESSIBILITY STANDARDS.
16. ALL ELECTRICAL EQUIPMENT AND LIGHT FIXTURES SHALL BE PLACED AND ANCHORED. SEISMIC ANCHORAGE SHALL CONFORM TO C.C.R. TITLE 24, SECTION 21306(C) AND TABLE 23-4.
17. MAIN SWITCHBOARD & PANELBOARDS SHALL BE BY "TRIE-SIGMA" OR EQUAL.
18. PROVIDE TYPEDWRITTEN DIRECTORY CARD IN ALL PANELBOARDS.
19. ALL CIRCUIT BREAKERS, SWITCHES, STARTERS, ETC. SHALL BE 3-POLE UNLESS OTHERWISE NOTED.

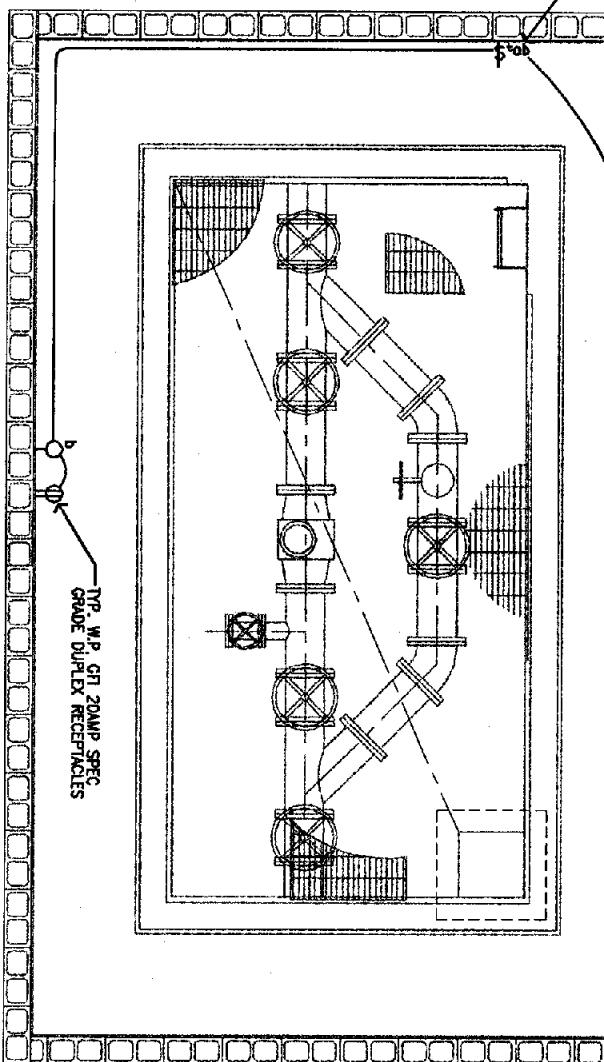


SINGLE LINE DIAGRAM



PIPING PLAN

1/2"=1'-0"



LIGHTING PLAN
1/2"-1"=1'-0"

