

# NEW MAINTENANCE AND WAREHOUSE PROJECT

## FOR

# CALAVERAS COUNTY WATER DISTRICT SAN ANDREAS, CA

### GENERAL PROJECT NOTES

- BEFORE BEGINNING WORK AT THE SITE, WHERE POSSIBLE AND THROUGHOUT THE COURSE OF THE WORK, INSPECT AND VERIFY THE LOCATION OF EVERY ITEM AFFECTED BY THE WORK UNDER THIS CONTRACT AND REPORT DISCREPANCIES TO C.C.W.D. PROJECT MANAGEMENT BEFORE DOING WORK RELATED.
- WORK SHOWN IS NEW UNLESS SPECIFICALLY NOTED OR OTHERWISE INDICATED AS EXISTING
- THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING LABOR, MATERIALS AND EQUIPMENT NECESSARY FOR THE PROPER EXECUTION AND COMPLETION OF THE WORK.
- THE OWNER TO REVIEW AND APPROVE ALL ELECTRICAL POWER SITES, PHONES AND SECURITY SYSTEMS PRIOR TO INSTALLATION OF DRWWALL
- CONTRACTOR TO COORDINATE WITH OWNERS VENDORS SUCH AS PHONE, COMMUNICATIONS AND SECURITY SYSTEMS PRIOR TO INSTALLATION OF DRWWALL.
- THE CONTRACTOR TO CHECK ALL DIMENSIONS AT THE JOB AND SHALL BE RESPONSIBLE FOR ALL DISCREPANCIES BETWEEN THE DIMENSIONS OF THE ACTUAL WORK AND THOSE SHOWN IN THE DOCUMENTS OR APPROVED DRAWINGS.
- IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO ASSUME ALL THE SYSTEMS AND SUB-SYSTEMS DESCRIBED IN THE DRAWINGS COMPLY WITH APPLICABLE CODES AND ARE COMPLETE AND FINISHED PRODUCT.
- THESE PLANS ARE FOR GENERAL CONSTRUCTION PURPOSES ONLY. THEY ARE NOT EXHAUSTIVELY DETAILED NOR FULLY SPECIFIED. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO SELECT, VERIFY, RESOLVE AND INSTALL ALL MATERIALS AND EQUIPMENT REQUIRED FOR COMPLETION OF WORK.
- THE CONTRACTOR IS RESPONSIBLE FOR QUALITY CONTROL AND CONSTRUCTION STANDARDS FOR THIS PROJECT. ALL QUESTIONS AND CLARIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF C.C.W.D. CONSTRUCTION MANAGEMENT.

### PROJECT DATA

**MAINTENANCE AND WAREHOUSE BUILDING**  
**APN:** 044-032-024  
**CONSTRUCTION TYPE:** TYPE VA  
**STORIES:** ONE  
**OCCUPANCY:** SI/S2  
**SPRINKLERS:** NO  
**BUILDING AREA:** 9,600 SQ. FT.  
**PARKING REQUIRED:** 9,600/250 = 39 (12 STRIPED)

**BUILDING CODE INFORMATION**  
 THIS PROJECT SHALL COMPLY WITH THE REQUIREMENTS OF TITLE 24 PARTS 1 THROUGH 12 INCLUDING THE LATEST EDITION OF THE CALIFORNIA BUILDING CODE, CALIFORNIA PLUMBING CODE, CALIFORNIA MECHANICAL CODE, CALIFORNIA ELECTRICAL CODE, FIRE CODE AND ALL LOCAL ORDINANCES.

### CONTACTS

CALAVERAS COUNTY WATER DISTRICT  
 120 TOMA COURT  
 PO BOX 846  
 SAN ANDREAS, CA  
  
 PHONE: (209) 754-3543  
 FAX: (209) 754-1069

### DEFERRED SUBMITTALS

SUBMITTAL DOCUMENTS FOR DEFERRED SUBMITTAL ITEMS SHALL BE SUBMITTED TO C.C.W.D. DISTRICT ENGINEER WHO WILL REVIEW THEM AND FORWARD THEM TO CALAVERAS COUNTY BUILDING DEPARTMENT FOR PLAN CHECK WITH A NOTATION INDICATING THAT THE DEFERRED SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED AND FOUND TO BE IN GENERAL COMPLIANCE WITH THE CONTRACT. THE DEFERRED SUBMITTAL ITEMS SHALL NOT BE INSTALLED UNTIL THEIR DESIGN AND SUBMITTED DOCUMENTS HAVE BEEN APPROVED BY CALAVERAS COUNTY BUILDING DEPARTMENT.

- STEEL BUILDING ENGINEERED DESIGN (CONTRACTOR)
- BUILDING FOUNDATION ENGINEERED DESIGN (CONTRACTOR)
- FLOOR SLAB CONTROL JOINT PLAN (CONTRACTOR)
- TITLE 24 ENERGY COMPLIANCE (CONTRACTOR)
- TITLE 24 LIGHTING COMPLIANCE DOCUMENTS (CONTRACTOR)
- EROSION CONTROL PLANS (CONTRACTOR)
- HVAC EQUIPMENT (CONTRACTOR)
- ELECTRICAL POWER PLANS (CONTRACTOR)

### PLAN SHEETS

**MAINTENANCE AND WAREHOUSE BUILDING**  
**COVER SHEET** CS-1  
**SITE PLAN** SP-1

**CIVIL SHEETS**  
**DRAINAGE PLAN** C-1  
**DRAINAGE PROFILE** C-2  
**GRADING PLAN** C-3  
**UTILITY PLAN** C-4  
**SIDEWALK/ADA DETAILS** C-5  
**SITEWORK DETAILS** C-6

**ARCHITECTURAL SHEETS**  
**FLOOR PLAN** A-1  
**EXTERIOR ELEVATION (NORTH)** A-2  
**EXTERIOR ELEVATION (SOUTH)** A-3  
**EXTERIOR ELEVATION (EAST)** A-4  
**EXTERIOR ELEVATION (WEST)** A-5  
**GEN. FRAMING NOTES & DETAILS** A-6  
**INTERIOR SCHEDULE** A-7  
**BUILDING SLAB DETAILS** A-8

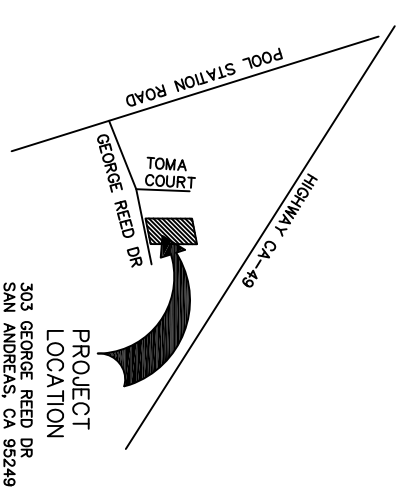
**STRUCTURAL SHEETS**  
**PRELIMINARY STRUCTURAL PLAN** S-1

**PLUMBING SHEETS**  
**PLUMBING NOTES/DETAILS** P-1  
**PLUMBING FLOOR PLAN** P-2  
**RESTROOM DETAILS** P-3

**MECHANICAL SHEETS**  
**HVAC FLOOR PLAN** M-1

**ELECTRICAL SHEETS**  
**ELECTRICAL AND LIGHTING NOTES** E-1  
**LIGHTING FLOOR PLAN** E-2  
**ELECTRICAL FLOOR PLAN** E-3

### VICINITY MAP



DRAWING NUMBER  
**CS-1**

SHEET NUMBER  
 1 OF 23

FILENAME


C.C.W.D. FILE NO.

REV.	DESCRIPTION	DATE	BY	CHKD

DESIGNED: \_\_\_\_\_  
 DRAWN: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 DATE: \_\_\_\_\_

ORIGINAL SCALE 1" = 30'

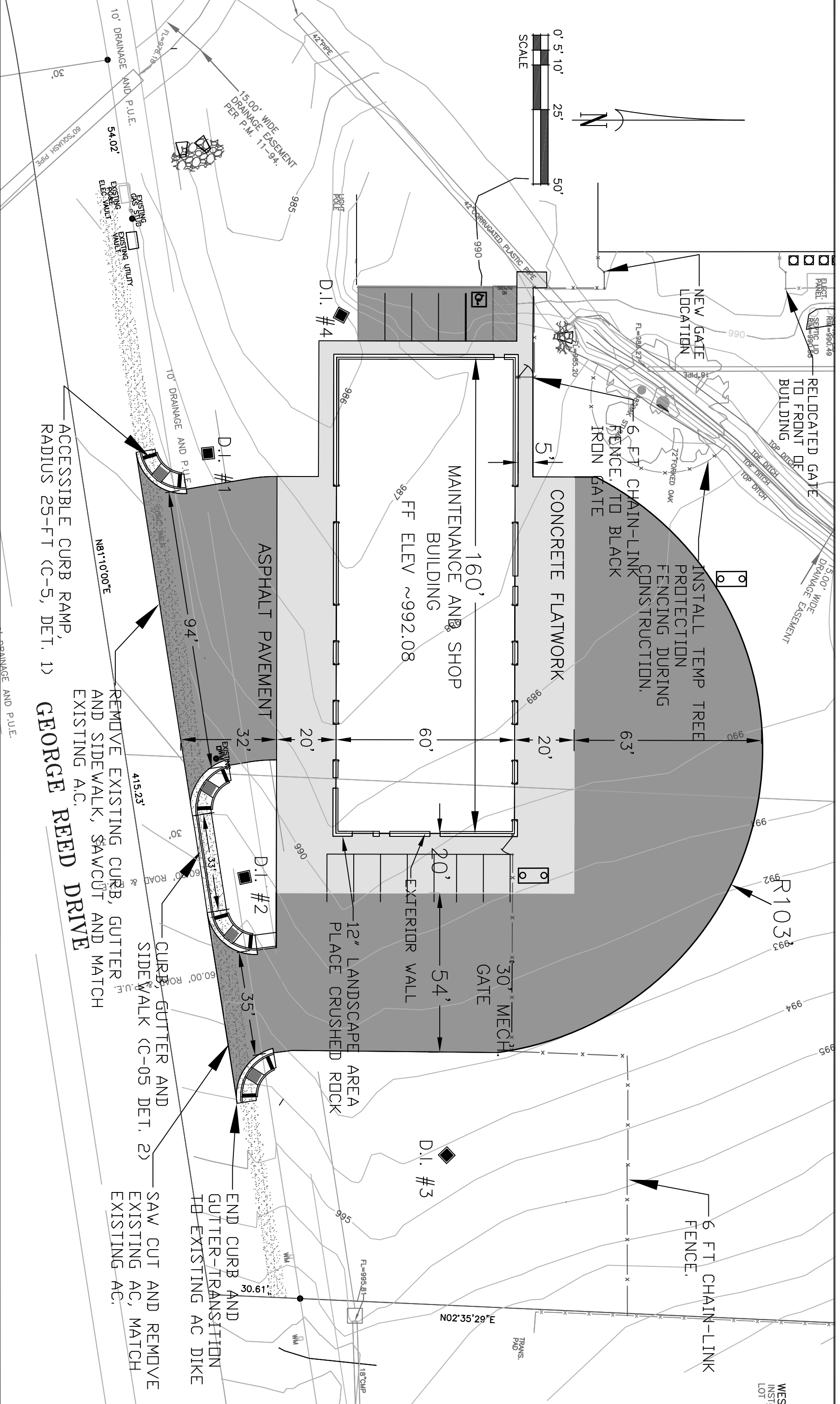
REVISIONS



**CALAVERAS COUNTY WATER DISTRICT**  
 130 TOWN COURT  
 SAN ANTONIO, CA 95040  
 (909) 754-0545 FAX: (909) 754-1089

MAIN CAMPUS EXPANSION - SHOP  
 SITE PLAN

DRAWING NUMBER	SP-1
SHEET NUMBER	2 OF 24
FILENAME	
COND FILE NO.	




REV.	DESCRIPTION	DATE	BY	CHKD.

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 DRAWN: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 DATE: \_\_\_\_\_

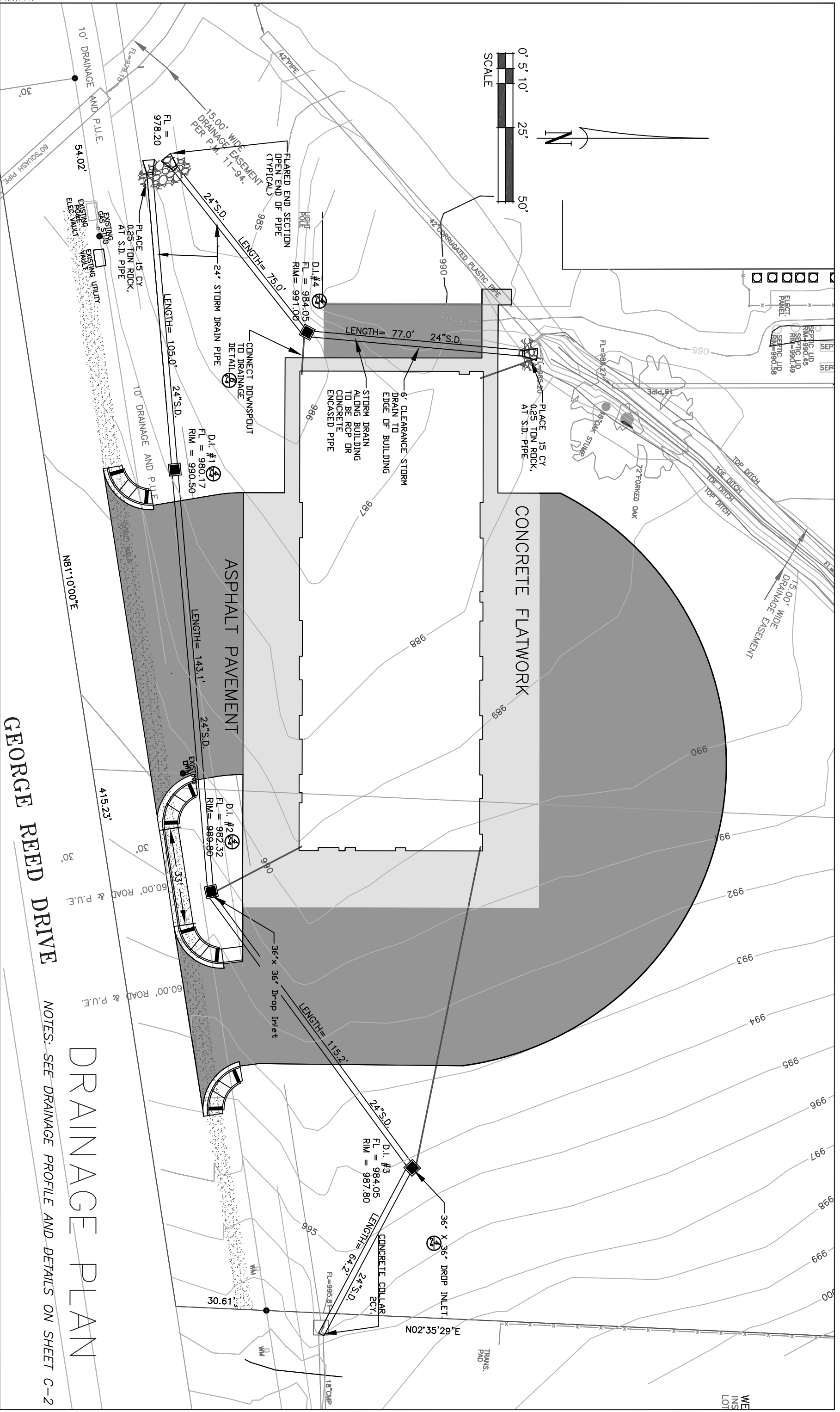
ORIGINAL SCALE: 1" = 30'

REVISIONS



**CALAVERAS COUNTY WATER DISTRICT**  
 180 TOWN CENTER  
 P.O. BOX 848  
 SAN ANTONIO, CA 95249  
 (800) 764-5643 FAX: (800) 764-1089

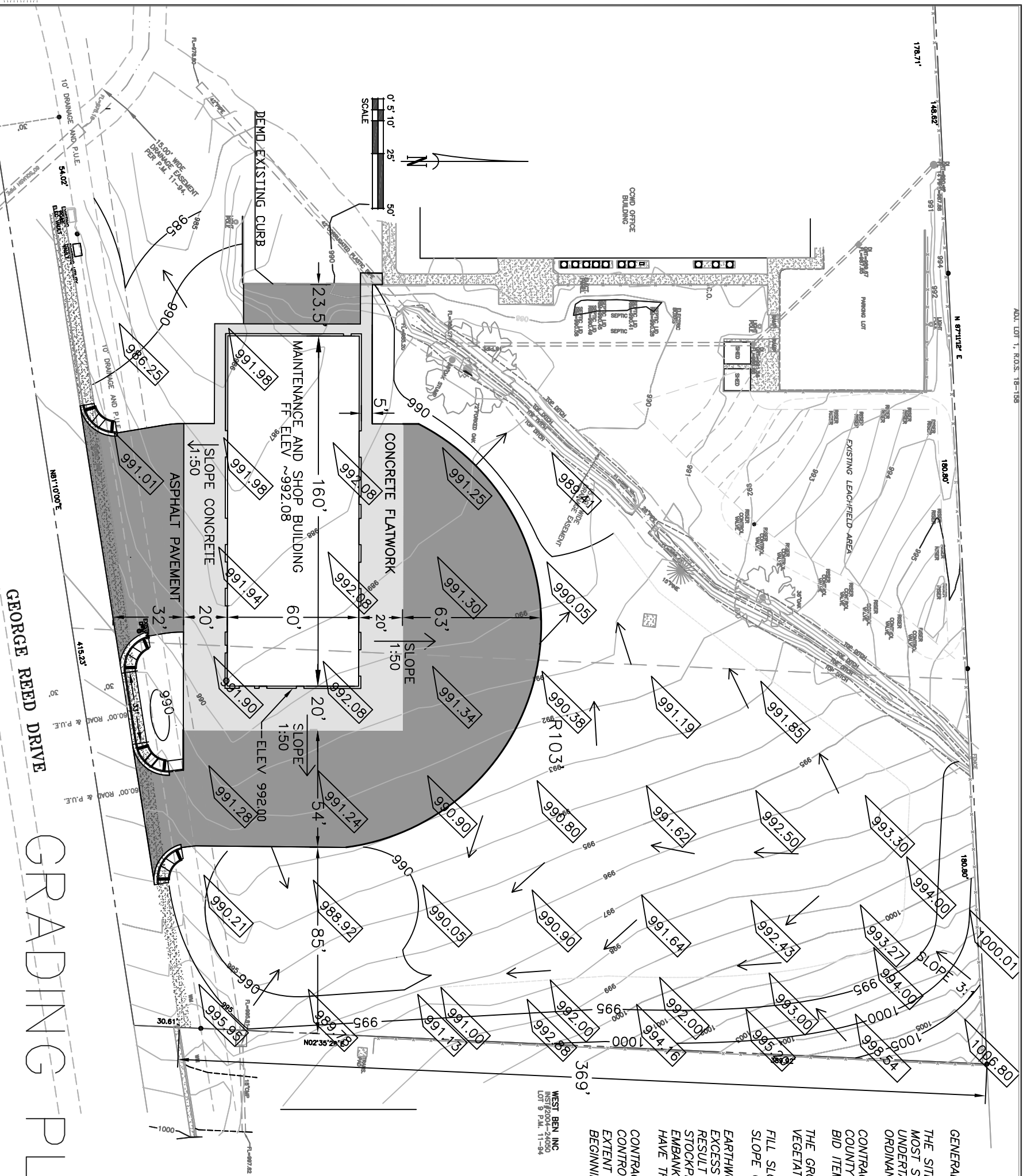
MAIN CAMPUS EXPANSION - SHOP  
 DRAINAGE PLAN  
 DRAWING NUMBER: C-1  
 SHEET NUMBER: 3 OF 24  
 FILENAME: \_\_\_\_\_  
 CADD FILE NO: \_\_\_\_\_



**GEORGE REED DRIVE**  
**DRAINAGE PLAN**

NOTES: SEE DRAINAGE PROFILE AND DETAILS ON SHEET C-2





**GENERAL GRADING NOTES:**

THE SITE WORK CONTRACTOR SHALL SELECT MATERIAL FROM ONSITE THAT IS MOST SUITABLE FOR FILL UNDER THE BUILDING SLAB FIRST. GRADING SHALL BE UNDERTAKING IN ACCORDANCE WITH THE CALIFORNIA BUILDING CODE, LOCAL ORDINANCES, AND THE PROJECT SPECIFICATION.

CONTRACTOR IS TO OBTAIN AND PAY FOR GRADING PERMIT FROM CALAVERAS COUNTY PUBLIC WORKS. THE ESTIMATED COST OF THIS PERMIT IS INCLUDED IN BID ITEM.

THE GROUND SURFACE MUST BE PREPARED TO RECEIVE FILL BY REMOVING VEGETATION, INCLUDING STUMPS AND HAULING THE MATERIAL OFF SITE.

FILL SLOPES SHALL NOT BE STEEPER THEN 4:1, AND CUT SLOPES 3:1. NO SLOPE GREATER THEN 10:1 WITHIN 2-FT. OF CONCRETE/ASPHALT. (H:V)

EARTHWORK (CUTS & FILLS SHOWN ON THE PLANS MAY NOT BALANCE). AN EXCESS OR DEFICIENT OF EXCAVATION OR EMBANKMENT MAY OCCUR AS A RESULT OF THIS GRADING. EXCESS MATERIALS MAY BE PLACED IN SINGLE STOCKPILE AS DIRECTED BY COWD. NOTIFY COWD IN ADVANCE OF WORK IF EMBANKMENT MATERIALS ARE NEEDED SO ARRANGEMENTS CAN BE MADE TO HAVE THE MATERIAL DELIVERED TO SITE.

CONTRACTOR SHALL IMPLEMENT "BEST MANAGEMENT PRACTICES (BMP'S)" TO CONTROL EROSION AND OFF-SITE DISCHARGE OF SEDIMENT TO THE MAXIMUM EXTENT POSSIBLE. EROSION CONTROL BMP'S SHALL BE IN PLACE PRIOR TO BEGINNING WORK AND MAINTAINED DURING CONSTRUCTION.

WEST BEN INC  
 NEST#2004-24050  
 LOT 9 P.M. 11-94

**LEGEND**

	NEW FINISH GRADE
	NEW CONTOURS - 5-FT INCREMENTS
	EXISTING CONTOURS - 1-FT INCREMENTS
	SLOPE DIRECTION
	2 1/2" ASPHALT 9 1/2" CLASS 2 AB
	5" CONCRETE 5" CLASS 2 AB

SEE BUILDING SLAB DETAILS SHEET A-8 FOR GRADING BUILDING SLAB

REV.	DESCRIPTION	DATE	BY	CHKD.

DESIGNED: \_\_\_\_\_  
 DRAWN: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 DATE: \_\_\_\_\_

ORIGINAL DRAWING SCALE 1" = 80'

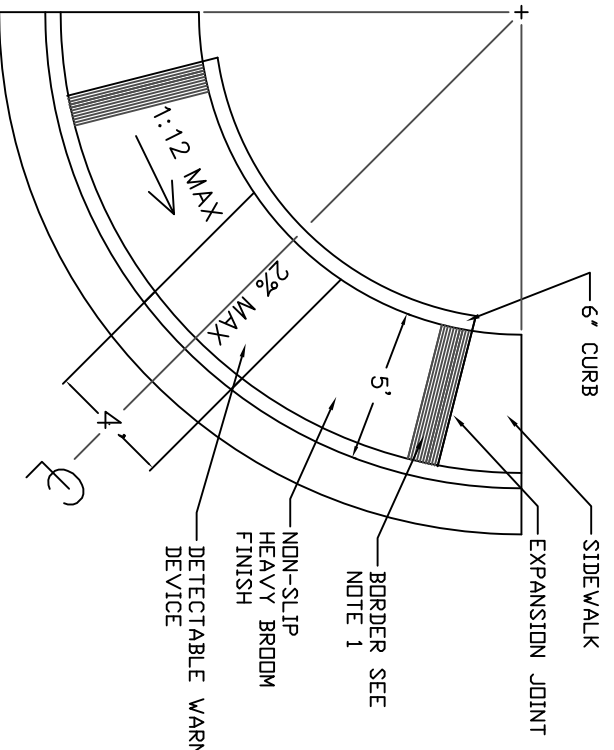
REVISIONS

**CALAVERAS COUNTY WATER DISTRICT**  
 180 TOWN CENTER  
 SAINT ANDREW, CA 95348  
 (209) 754-3843 FAX: (209) 754-1088

MAIN CAMPUS EXPANSION - SHOP  
 GRADING PLAN

DRAWING NUMBER	C-3
SHEET NUMBER	5 OF 23
FILENAME	
COWD FILE NO.	

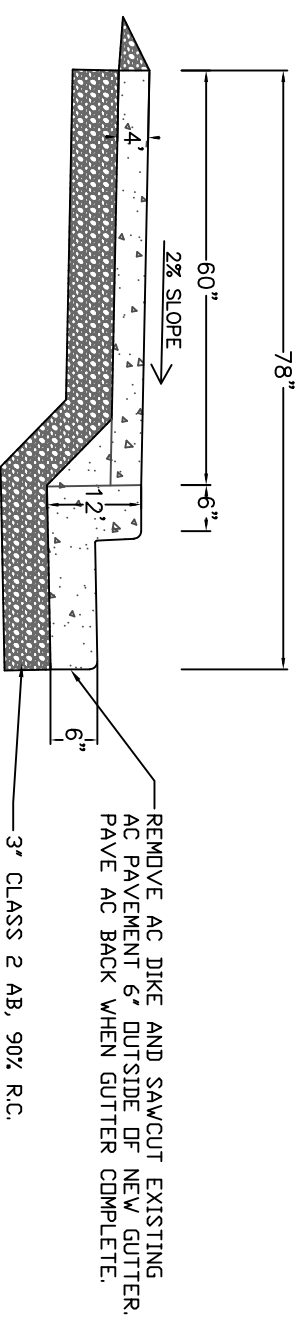
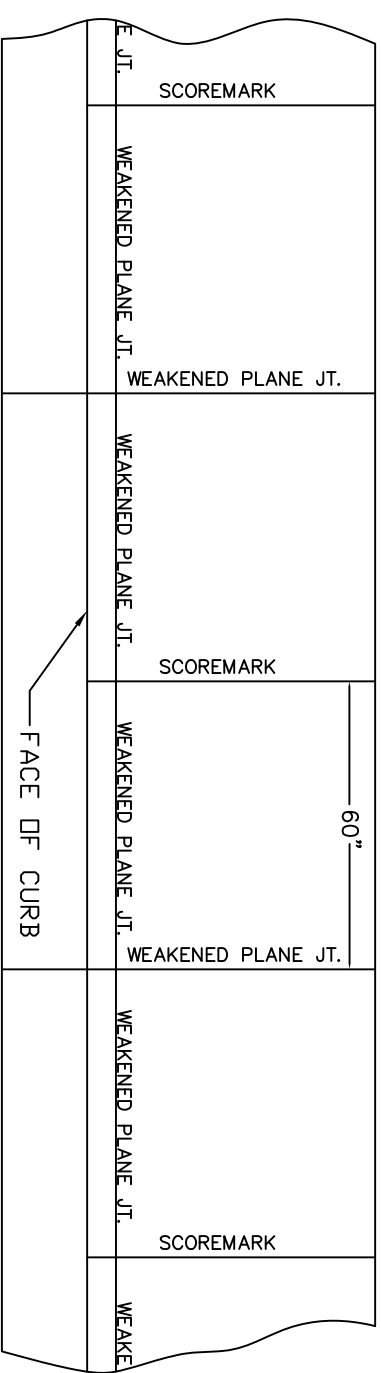




- ACCESSIBLE CURB RAMP**
- NOTES:
1. RAMP TO HAVE 12" WIDE BORDER WITH 1/4" GROOVES APPROXIMATELY 3/8" O.C.
  2. RAMP SHALL NOT EXCEED 1" RISE IN 12" RUN, OR 8.33% MAX. SLOPE
  3. CONCRETE SHALL CONFORM TO SECTION 73 OF CALTRANS STANDARD SPECIFICATIONS
  4. PROVIDE DETECTABLE WARNING DEVICE(S) AT CURB RAMPS PER CBC SECTION 1127B.5

**1 ACCESSIBLE CURB RAMP**

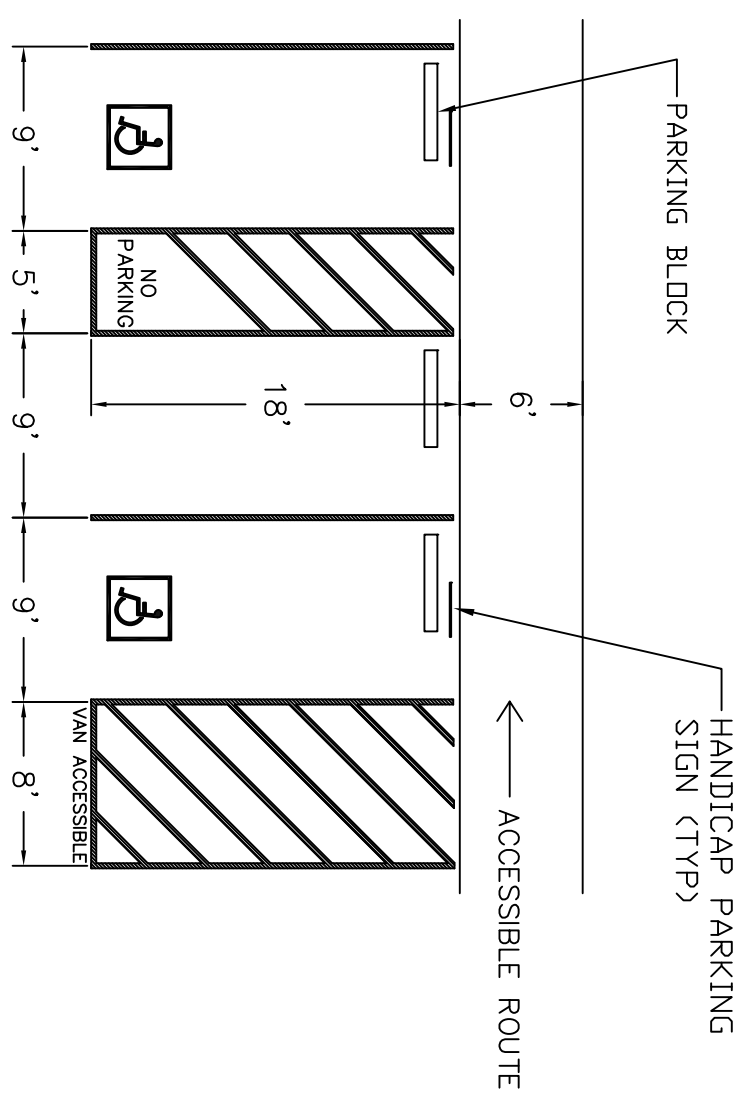
NOT TO SCALE



- NOTES:**
1. CONSTRUCT WEAKENED PLANE JOINTS AT 10' CENTER TO CENTER MAX., AT RETURNS, LIGHT STANDARDS, FIRE HYDRANTS, BOTH SIDES OF ANY DRIVEWAY AND OTHER FIXED OBJECTS.
  2. CURB REQUIRED UNLESS OTHERWISE SPECIFIED.
  3. ALL CONCRETE TO BE CLASS B OR BETTER
  4. FORMS SHALL BE APPROVED BY COUNTY PUBLIC WORKS PRIOR TO PLACEMENT OF CONCRETE.
  5. ALL WORK NEEDS TO BE DONE TO CALAVERAS COUNTY STANDARDS.

**2 CURB, GUTTER, WALKWAY**

NOT TO SCALE



- SINGLE PARKING SPACE DESIGN**
- 18' MINIMUM LENGTH OF EACH PARKING SPACE
  - 9' MINIMUM WIDTH OF EACH PARKING SPACE
  - MINIMUM 18'X5' ACCESS AISLE (PASSENGER SIDE)
  - SURFACE OF THE PARKING SPACE(S) AND ACCESS AISLE(S) DOSE NOT EXCEED 1:50 GRADIENT (2%) IN ANY DIRECTION.

**GENERAL DISABLED PARKING SPACE NOTES**

1. DISABLED PARKING SPACE MUST PERMIT USE OF EITHER CAR DOORS
2. A PARKING BUMPER IS REQUIRED WHEN NO CURB OR BARRIER IS PROVIDED WHICH WILL PREVENT ENROACHMENT OF CARS OVER THE ADJOINING ACCESSIBLE ROUTE.
3. WHEELCHAIR USERS MUST NOT BE FORCED TO GO BEHIND PARKED CARS OTHER THAN THEIR OWN TO ACCESS AN ADJOINING ACCESSIBLE ROUTE.
4. CURB RAMPS MAY NOT ENROACH INTO THE REQUIRED DIMENSIONS OF DISABLE PARKING SPACES OR ADJACENT ACCESS AISLES.
5. ACCESS AISLE (LOADING/UNLOADING AREAS) MUST CONNECT TO AN ACCESSIBLE PATH OF TRAVEL TO THE FACILITY.
6. WITHIN THE LOADING AND UNLOADING ACCESS AISLE PAINT THE WORDS "NO PARKING" IN 12" HIGH LETTERS MIN.

**3 ACCESSIBLE PARKING**

NOT TO SCALE

REV.	DESCRIPTION	DATE	BY	CHKD.

DESIGNED:	
DRAWN:	
CHECKED:	
DATE:	

NOT TO SCALE	
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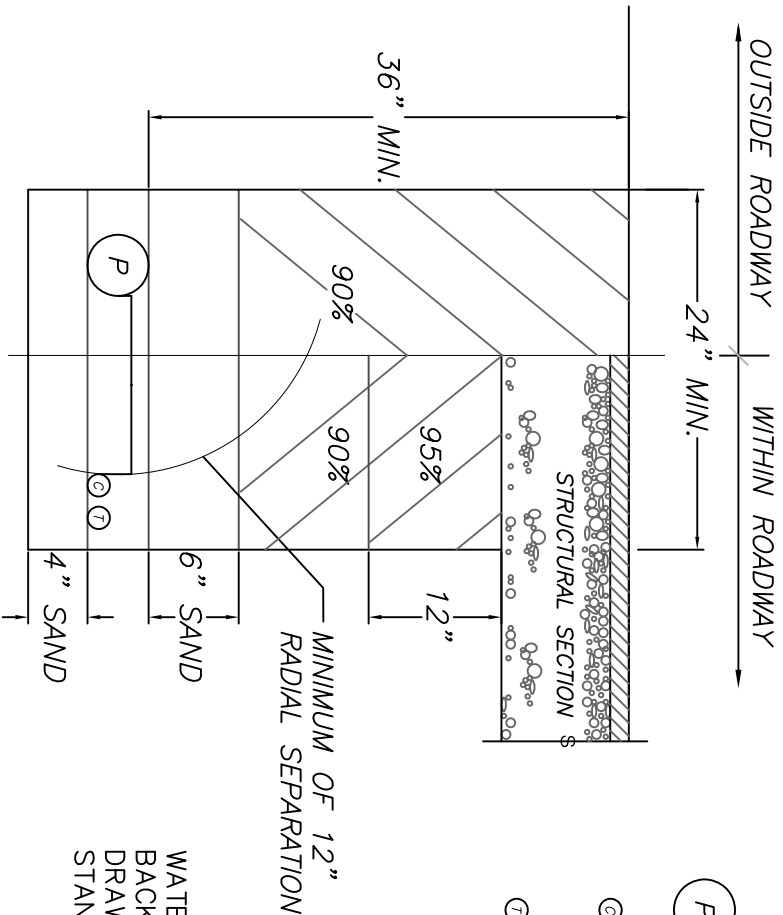
**CALAVERAS COUNTY WATER DISTRICT**

150 TOWN SQUARE  
P.O. BOX 948  
SAN ANDREAS, CA 95246

TEL: (209) 754-1089 FAX: (209) 754-1089

MAIN CAMPUS EXPANSION - SHOP	DRAWING NUMBER
SIDEWALK / A.D.A. DETAILS	C-5
	SHEET NUMBER
	7 OF 24
	FILENAME
	CONVD FILE NO.



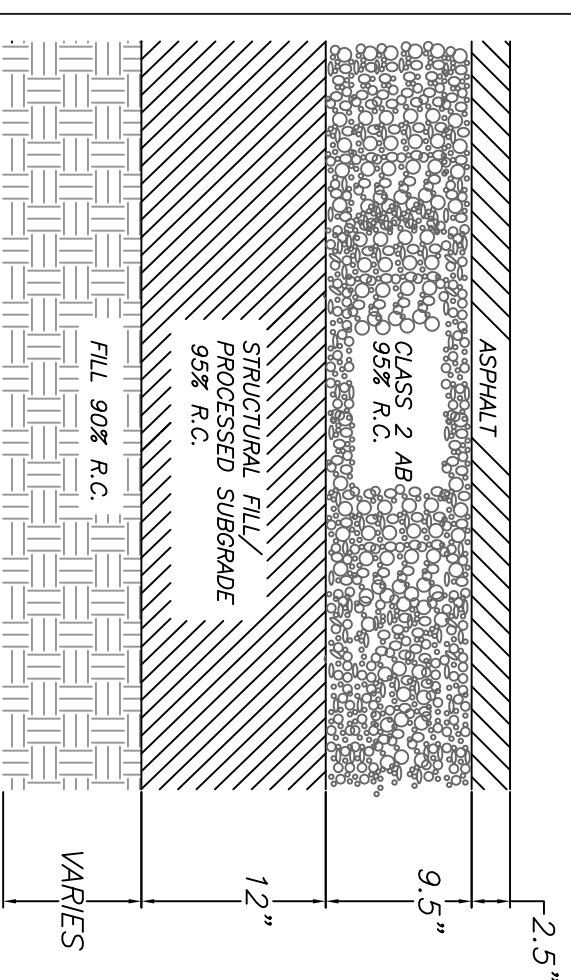


- (P) PGE
- (C) Cable TV
- (T) Telephone

WATER AND SEWER LINES TO BE BACKFILLED PER CCWD STANDARD DRAWINGS G05 AND CPUD STANDARDS WITHIN PUBLIC R.O.W.

### 5 JOINT TRENCH DETAIL/TRENCH DETAIL

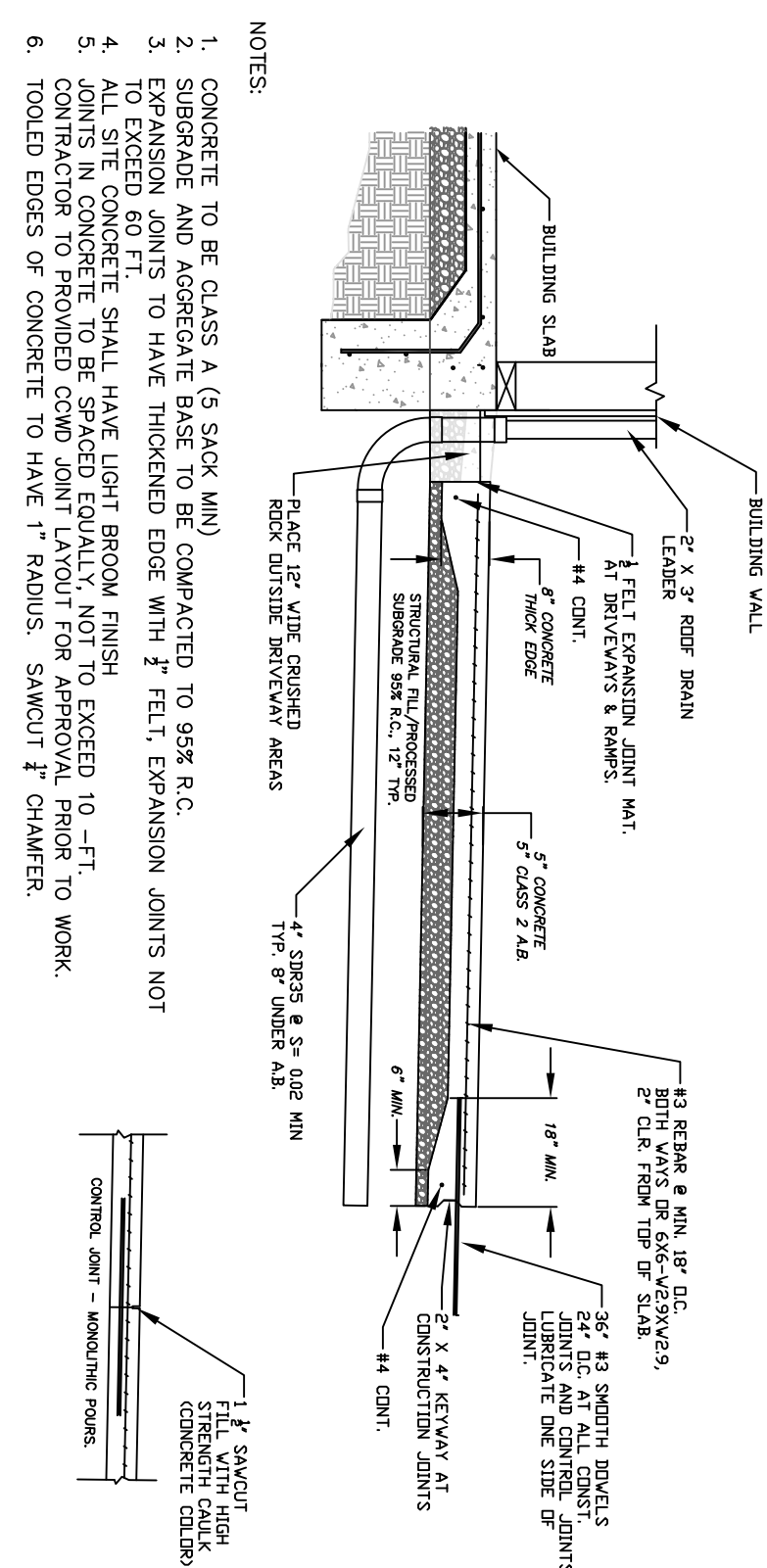
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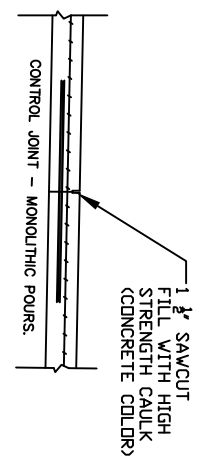
### 7 PAVEMENT SECTION

NOT TO SCALE

REV.	DESCRIPTION	DATE	BY	CHKD.

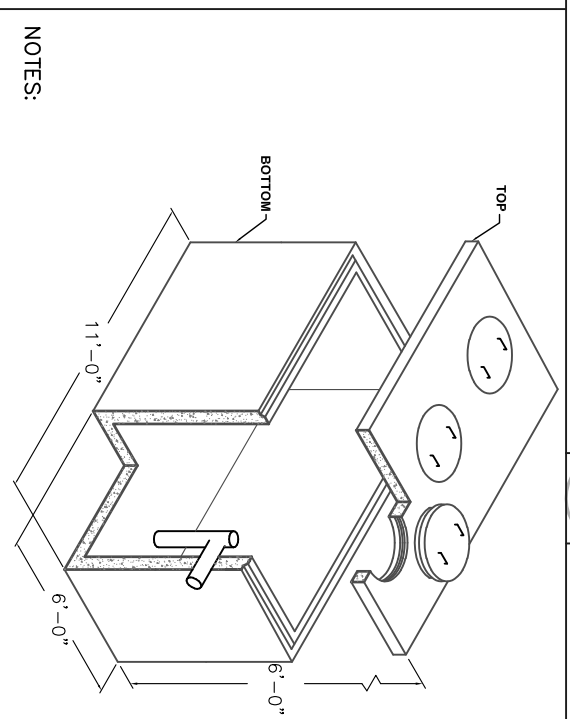


- NOTES:
1. CONCRETE TO BE CLASS A (5 SACK MIN)
  2. SUBGRADE AND AGGREGATE BASE TO BE COMPACTED TO 95% R.C.
  3. EXPANSION JOINTS TO HAVE THICKENED EDGE WITH 1/2" FELT, EXPANSION JOINTS NOT TO EXCEED 60 FT.
  4. ALL SITE CONCRETE SHALL HAVE LIGHT BROOM FINISH
  5. JOINTS IN CONCRETE TO BE SPACED EQUALLY, NOT TO EXCEED 10 -FT.
  6. CONTRACTOR TO PROVIDED APPROVAL LAYOUT FOR APPROVAL PRIOR TO WORK.
  6. TOOLED EDGES OF CONCRETE TO HAVE 1" RADIUS. SAWCUT 1/4" CHAMFER.



### 6 STEWWORK CONCRETE TYPICAL DETAIL

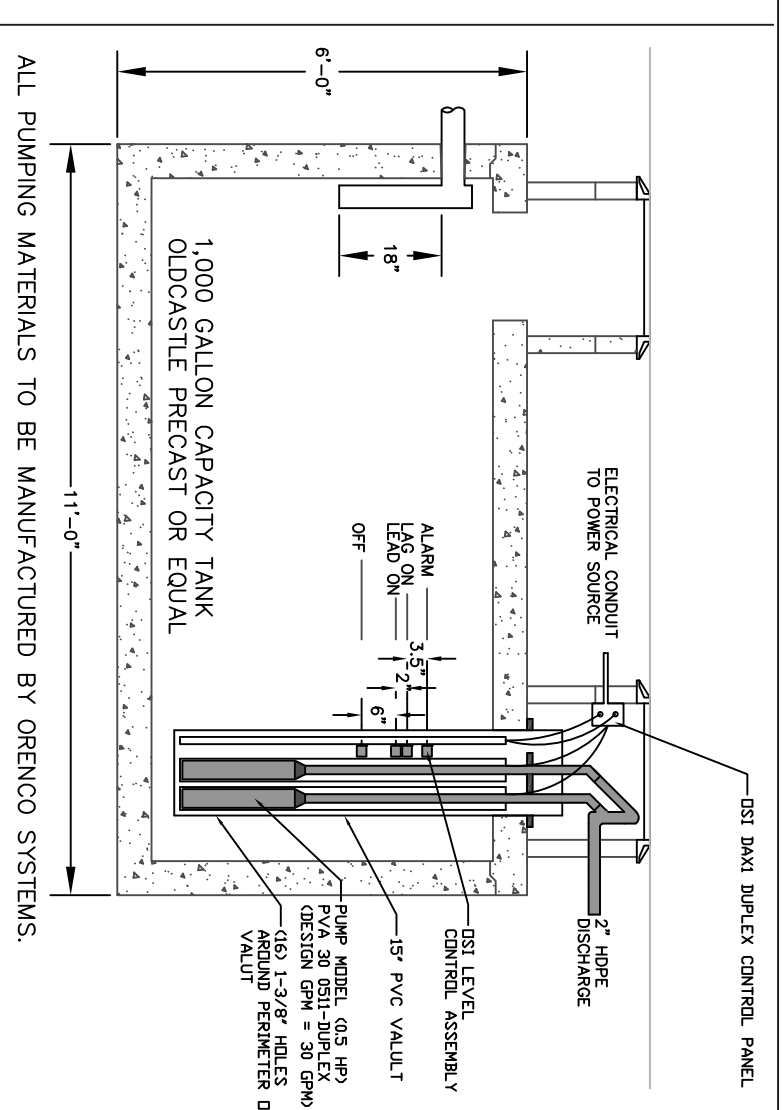
NOT TO SCALE



- NOTES:
1. T-LOCK LINING ON WALLS AND BASE OF HOLDING TANK.
  2. 1,500 GALLON PRECAST CONCRETE HOLDING TANK, OLDCASTLE OR EQUAL.
  3. BOX AND LIDS TO BE TRAFFIC RATED.
  4. 6" INLET INTO HOLDING TANK 2% SLOPE FROM BUILDING.
  5. TOP OF BOX TO BE MIN. 18" UNDER TOP OF PAVEMENT, PROVIDE GRADE RINGS TO RAISE COVER TO FINISH GRADE.
  6. PLACE PRECAST BOX ON 6" OF CRUSH ROCK.

### 8 HOLDING TANK - DRAINS

NOT TO SCALE



ALL PUMPING MATERIALS TO BE MANUFACTURED BY ORENCO SYSTEMS.

### 13 SEWER PUMP TANK

NOT TO SCALE

**CALAVERAS COUNTY**  
**WATER DISTRICT**

120 TOWN COURT  
P.O. BOX 246  
SAK, CALIFORNIA, CA 95249  
TEL: (209) 764-3543 FAX: (209) 764-1099

MAIN CAMPUS EXPANSION - SHOP

SITework DETAILS

DRAWING NUMBER	C-6
SHEET NUMBER	8 OF 24
FILENAME	
COND FILE NO.	

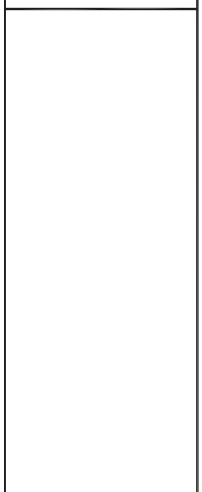




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 CHECKED: \_\_\_\_\_  
 DATE: \_\_\_\_\_

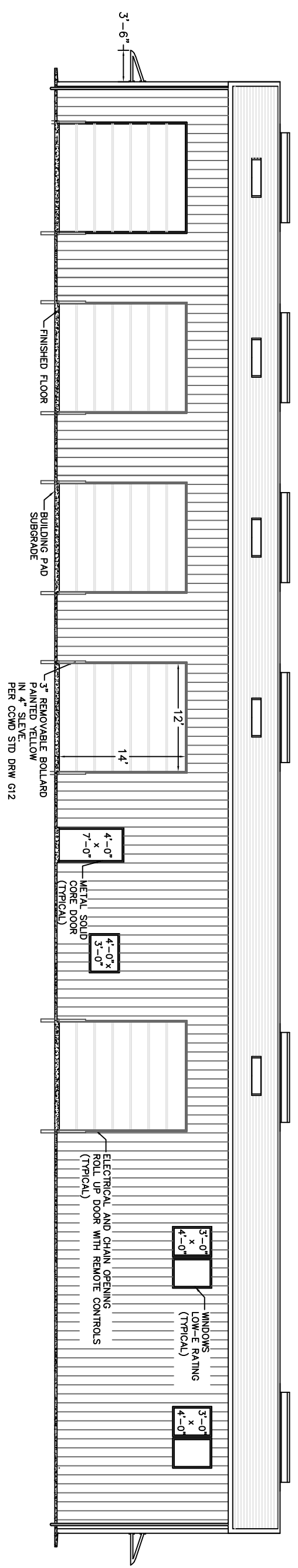
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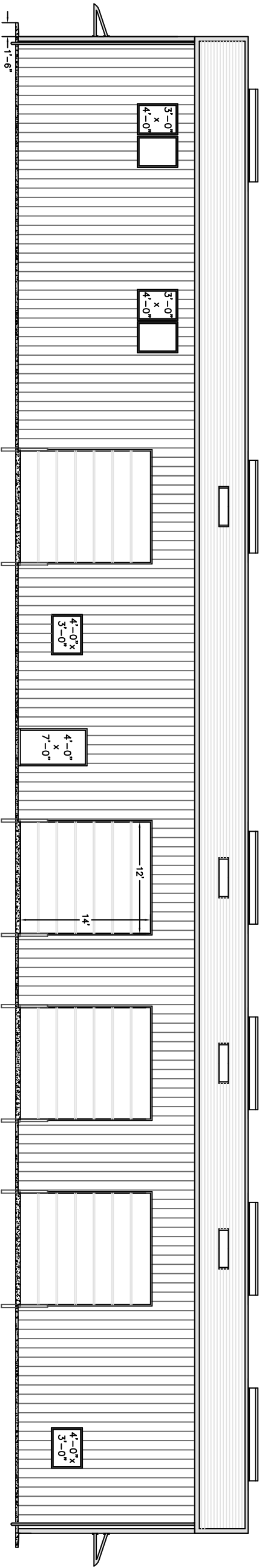
**CALAVERAS COUNTY**  
**WATER DISTRICT**  
 130 TOWN CENTER  
 P.O. BOX 248  
 SAN ANDREAS, CA 95248  
 (209) 754-5545 FAX: (209) 754-1088

MAIN CAMPUS EXPANSION - SHOP  
 NORTH ELEVATION  
 DRAWING NUMBER: **A-2**  
 SHEET NUMBER: 10 OF 24  
 FILENAME  
 CADD FILE NO.

# NORTH ELEVATION



- NOTES
- CONTRACTOR TO PROVIDE SAMPLES OF AVAILABLE BUILDING AND ROOF COLORS. CCMD WILL SELECT COLORS BASED ON SAMPLES PROVIDED.

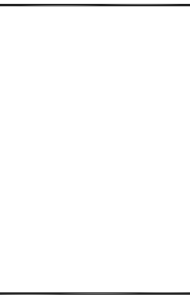


# SOUTH ELEVATION

REV.	DESCRIPTION	DATE	BY	CHKD

NOT TO SCALE

DESIGNED: \_\_\_\_\_  
 DRAWN: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 DATE: \_\_\_\_\_



**CALAVERAS COUNTY  
 WATER DISTRICT**  
 120 TOWN CENTER  
 SAN ANDREAS, CA 95340  
 (209) 764-3643 FAX: (209) 764-1089


MAIN CAMPUS EXPANSION - SHOP  
 SOUTH ELEVATION

DRAWING NUMBER  
**A-3**  
 SHEET NUMBER  
 11 OF 24  
 FILENAME  
 CCMWD-FILE-NO.

REV#	DESCRIPTION	DATE	BY	CHKD.

NOT TO SCALE

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 DRAWN: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 DATE: \_\_\_\_\_

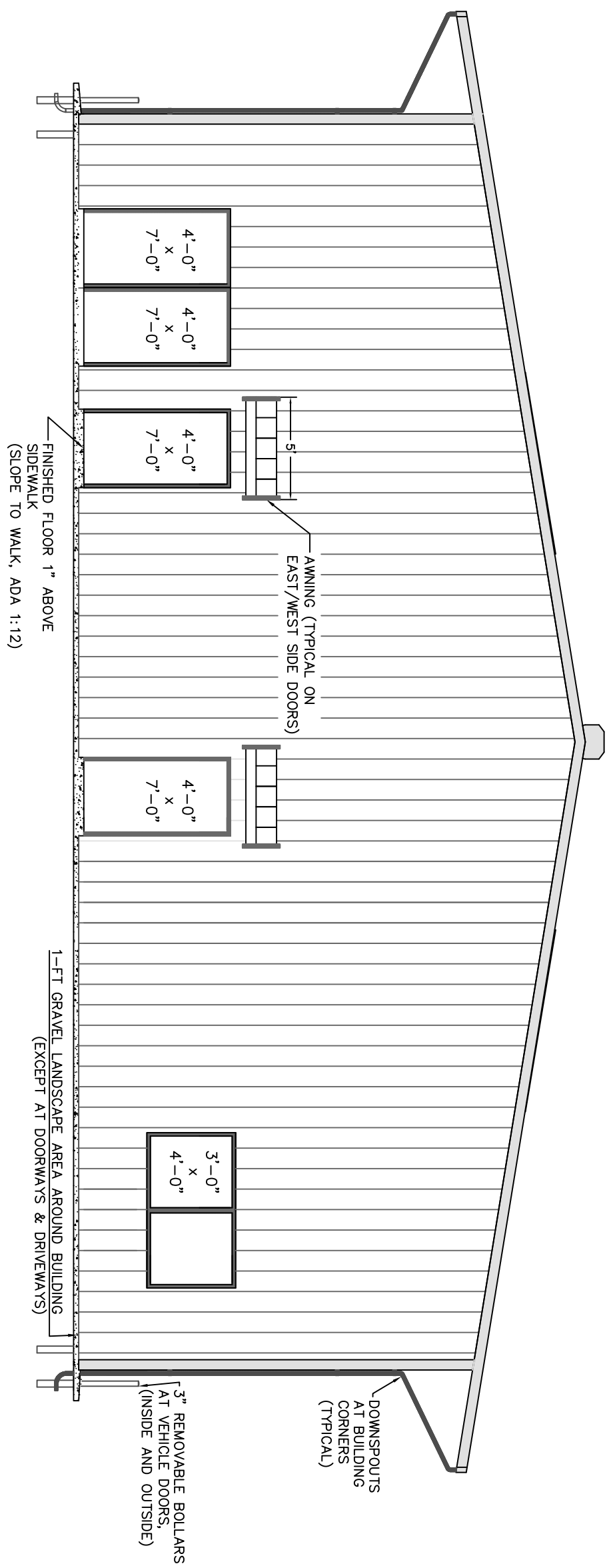


**CALAVERAS COUNTY  
 WATER DISTRICT**  
 129 TOWN CENTER  
 FOLSOM, CA 95630  
 SAN ANDREAS, CA 95649  
 (209) 754-3545 FAX: (209) 754-1069

MAIN CAMPUS EXPANSION - SHOP  
 EAST ELEVATION

DRAWING NUMBER  
**A-4**  
 SHEET NUMBER  
 12 OF 24  
 FILENAME  
 COWD.FLE.NC1

# EAST ELEVATION




REV.	DESCRIPTION	DATE	BY	CHKD.

DESIGNED: \_\_\_\_\_  
 DRAWN: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 DATE: \_\_\_\_\_

NOT TO SCALE

WEST ELEVATION

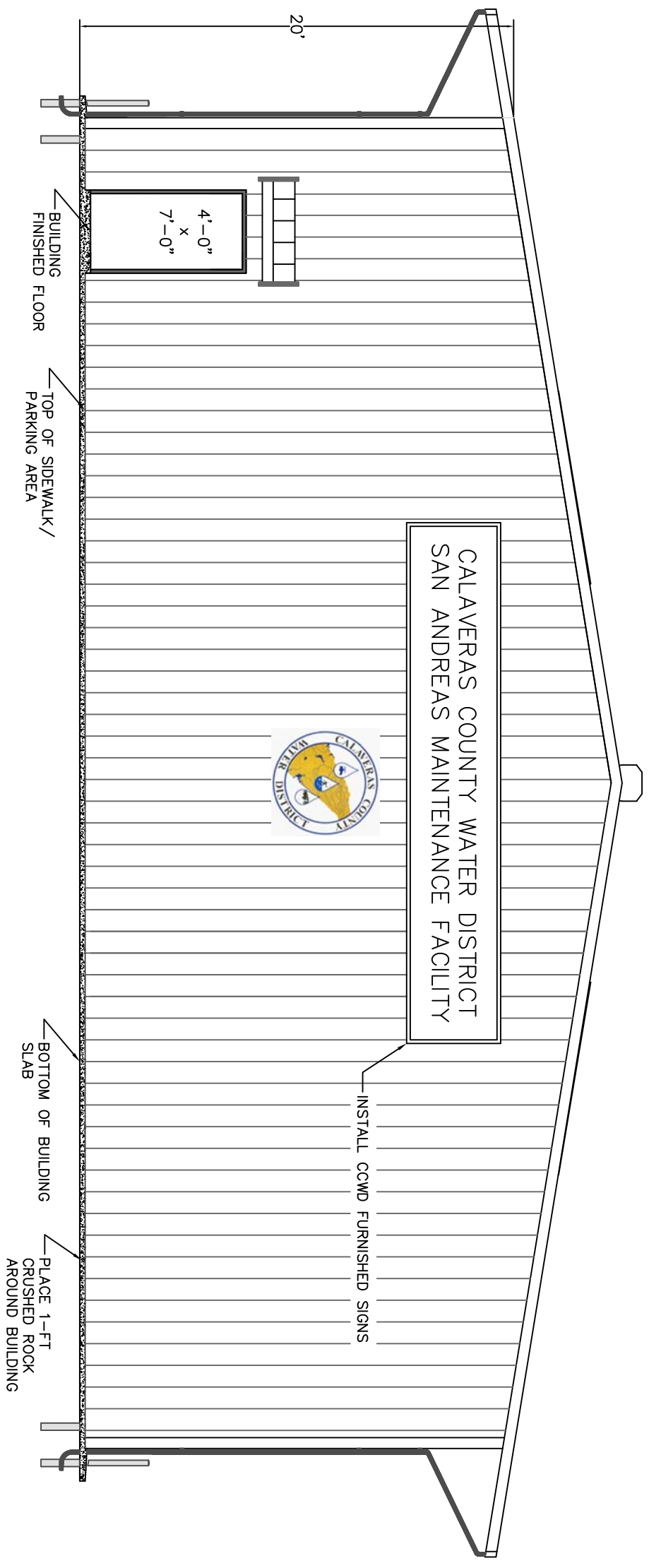


**CALAVERAS COUNTY WATER DISTRICT**  
 120 TOLA COURT  
 P.O. BOX 646  
 SAN ANDREAS, CA 95248  
 (209) 764-3643 FAX: (209) 764-1089

MAIN CAMPUS EXPANSION - SHOP  
 WEST ELEVATION

DRAWING NUMBER  
**A-5**  
 SHEET NUMBER  
 13 OF 24  
 FILENAME  
 CCWD FILE NO.

# WEST ELEVATION





## INTERIOR FINISH SCHEDULE

SPACE	FLOOR	BASE	WALLS	CEILING
1 WAREHOUSE	SEALED CONCRETE	RUBBER - 6" GYP. ONLY	METAL BUILDING (3 SIDE), GYP BOARD (1 SIDE) -PAG	METAL BUILDING
2 SHARED OFFICE/MEETING	STAINED CONCRETE	RUBBER - 4"	9'-0" (GYP. BOARD -PEG)	GYP. BOARD - PEG
3 CORRIDOR 1	STAINED CONCRETE	RUBBER - 6"	9'-0" (GYP. BOARD -PEG)	GYP. BOARD - PEG
4 BATH 1	STAINED CONCRETE	CERAMIC TILE - 4'-0"	9'-0" (CEMENT BOARD/ GYP. BOARD - PEG)	GYP. BOARD - PEG
5 BATH 2	STAINED CONCRETE	CERAMIC TILE - 4'-0"	9'-0" (CEMENT BOARD/ GYP. BOARD - PEG)	GYP. BOARD - PEG
6 PARTS STORAGE	SEALED CONCRETE	RUBBER - 4"	9'-0" (GYP. BOARD -PAG)	GYP. BOARD - PAG
7 SR. OFFICE	STAINED CONCRETE	RUBBER - 4"	9'-0" (GYP. BOARD -PEG)	GYP. BOARD - PEG
8 UTILITY/FLUIDS	SEALED CONCRETE/GRATED	RUBBER - 6"	12'-0" (GYP. BOARD -PAG)	GYP. BOARD - PAG
9 CORRIDOR 2	STAINED CONCRETE	RUBBER - 6"	9'-0" (GYP. BOARD -PEG)	GYP. BOARD - PEG
10 FABRICATION	SEALED CONCRETE	RUBBER - 6" GYP. ONLY	METAL BUILDING (2 SIDE), GYP BOARD (2 SIDE) -PAG	METAL BUILDING
12 SHOP	SEALED CONCRETE	RUBBER - 6" GYP. ONLY	METAL BUILDING (2 SIDE), GYP BOARD (2 SIDE) -PAG	METAL BUILDING
11 ELECTRICAL/MECHANICAL	SEALED CONCRETE	RUBBER - 4"	9'-0" (GYP. BOARD -PEG)	GYP. BOARD - PEG

**INTERIOR FINISH NOTES:**

PAG - ONE COAT OF SEALER/PRIMER TWO COATES OF GLOSS ACRYLIC ENAMEL  
 PES - ONE COAT OF SEALER/PRIMER TWO COATS OF EGGSHELL LATEX ENAMEL

**PAINT**

WALLS - KELLY MOORE 171 - SAND PEBBLE (CONFIRM COLOR WITH CCWD CONSTRUCTION MANAGEMENT)  
 TRIM - KELLY MOORE AC 250-5 - UMPEP SHADOW (CONFIRM COLOR WITH CCWD CONSTRUCTION MANAGEMENT)

## INTERIOR DOOR SCHEDULE

SIZE	THICK	TYPE	FRAME	HARDWARE
1 4-0 X 7-0	1 3/4	SOLID, WEATHERSTRIPPED, 1-HOUR FIRE/SMOKE, 10" KICKPLATE	HOLLOW METAL	PANIC HARDWARE, DOOR CLOSER
2 4-0 X 7-0	1 3/4	SOLID, WEATHERSTRIPPED, 1-HOUR FIRE/SMOKE, 10" KICKPLATE	HOLLOW METAL	PASSAGE SET, DOOR CLOSER
3 4-0 X 7-0	1 3/4	SOLID, WEATHERSTRIPPED, 1-HOUR FIRE/SMOKE, 10" KICKPLATE	HOLLOW METAL	PASSAGE SET & DEADBOLT, CLOSER

DOOR HARDWARE - SCHALGE 'D' SERIES - RHODES LEVER HANDLE - BRUSHED NICKLE  
 ALL EXIT DOORS/EXIT ACCESS DOORWAYS SHALL BE EQUIPPED WITH PANIC HARDWARE  
 PROVIDE "THIS DOOR TO REMAIN UNLOCKED DURING BUSINESS HOURS" ABOVE EXIT/ACCESS DOORS

## INTERIOR WINDOW SCHEDULE

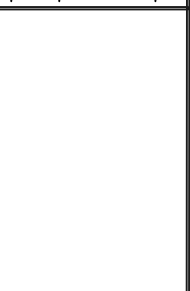
SIZE	TYPE	GLAZING	FRAME	REMARKS
1 30 36	FIXED	TEMPERED	VINYL OR ALUMINUM	WOOD CASING - TOP AT 6'-8"


MILGARD STYLELINE FIXED GLASS 1" NAILED FIN -DUAL GLAZED CLEAR GLASS -WOOD CASING INTERIOR

# INTERIOR FINISH SCHEDULE

REV.	DESCRIPTION	DATE	BY	CHKD

NOT TO SCALE	DESIGNED: _____
	DRAWN: _____
	CHECKED: _____
	DATE: _____



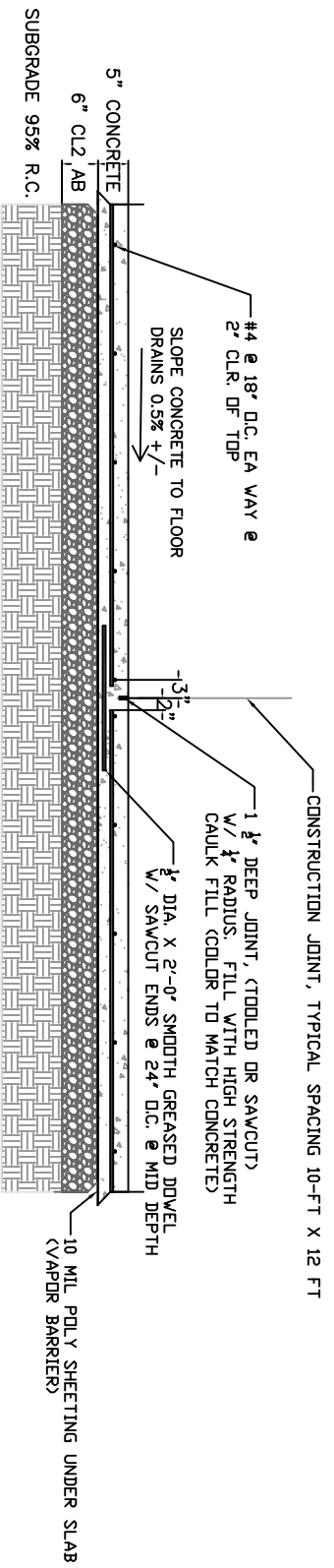


**CALAVERAS COUNTY**  
**WATER DISTRICT**

120 TONIA COURT  
 P.O. BOX 646  
 SAN ANDREAS, CA 95348  
 (209) 764-8648 FAX: (209) 764-1089

MAIN CAMPUS EXPANSION - SHOP	DRAWING NUMBER <b>A-7</b>
INTERIOR SCHEDULE	SHEET NUMBER 15 OF 24
	FILENAME
	CCWD FILE NO.



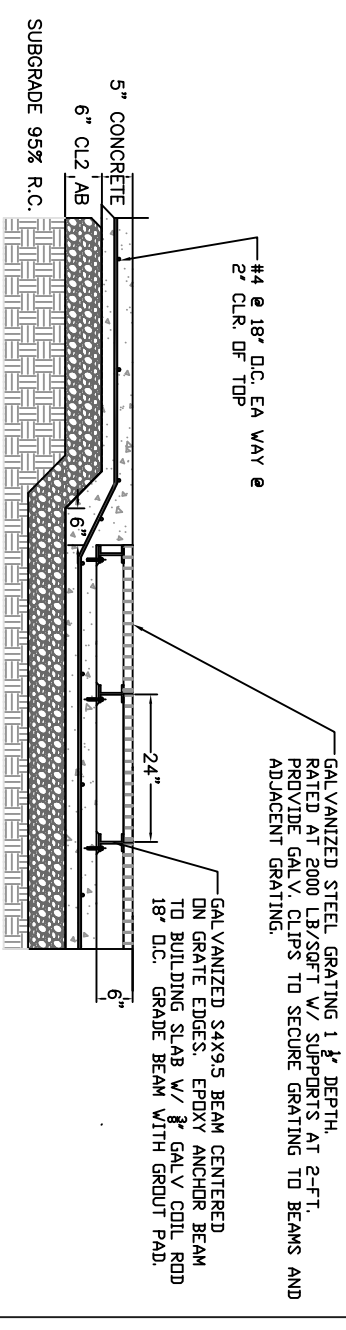


NO FOUNDATION CAN BE INSPECTED AND POURED UNTIL STEEL BUILDING DRAWINGS HAVE BEEN REVIEWED AND APPROVED BY CALAVERAS COUNTY PLAN BUILDING DEPARTMENT.

ALL FOUNDATION PREPARATION PER PLANS AND SPECIFICATIONS AND METAL BUILDING MANUFACTURE REQ.

**9** SLAB ON GRADE - BUILDING

NOT TO SCALE

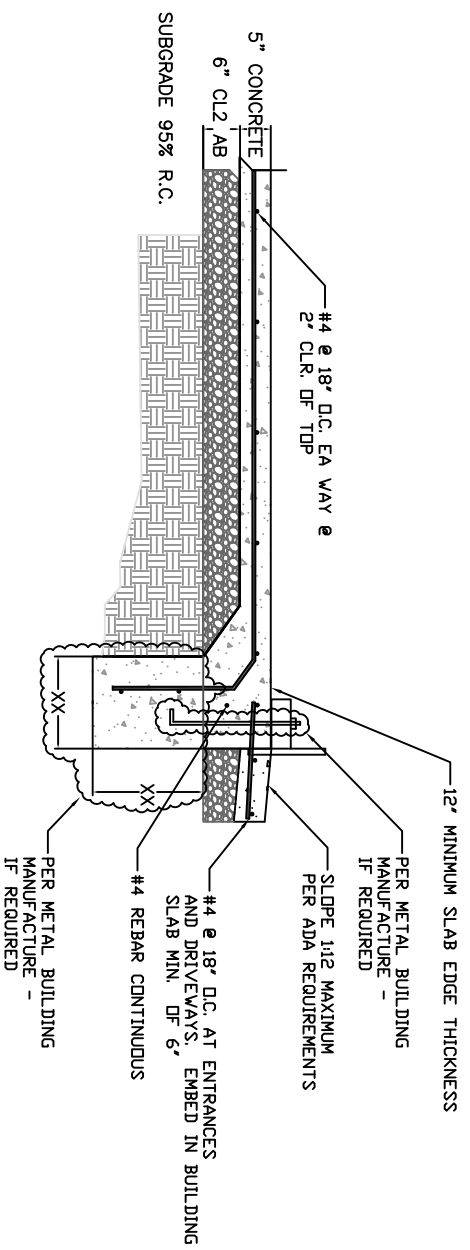


NO FOUNDATION CAN BE INSPECTED AND POURED UNTIL STEEL BUILDING DRAWINGS HAVE BEEN REVIEWED AND APPROVED BY CALAVERAS COUNTY PLAN BUILDING DEPARTMENT.

ALL FOUNDATION PREPARATION PER PLANS AND SPECIFICATIONS AND METAL BUILDING MANUFACTURE REQ.

**10** DEPRESSED SLAB/GRATING DETAIL

NOT TO SCALE



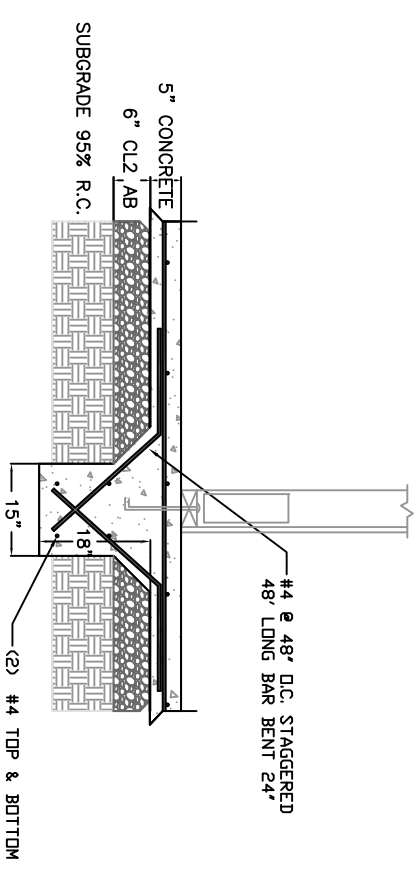
NO FOUNDATION CAN BE INSPECTED AND POURED UNTIL STEEL BUILDING DRAWINGS HAVE BEEN REVIEWED AND APPROVED BY CALAVERAS COUNTY PLAN BUILDING DEPARTMENT.

ALL FOUNDATION PREPARATION PER PLANS AND SPECIFICATIONS AND METAL BUILDING MANUFACTURE REQ.

COLUMN FOOTINGS TO BE DESIGNED BY METAL BUILDING MANUFACTURE AND APPROVED BY CCWD AND CALAVERAS COUNTY BUILDING DEPARTMENT.

**11** SLAB ON GRADE - PERIMETER BUILDING

NOT TO SCALE



NO FOUNDATION CAN BE INSPECTED AND POURED UNTIL STEEL BUILDING DRAWINGS HAVE BEEN REVIEWED AND APPROVED BY CALAVERAS COUNTY PLAN BUILDING DEPARTMENT.

ALL FOUNDATION PREPARATION PER PLANS AND SPECIFICATIONS AND METAL BUILDING MANUFACTURE REQ.

**12** FOOTING AT LOAD BEARING WALL

NOT TO SCALE

REV.	DESCRIPTION	DATE	BY	CHKD.

DESIGNED: \_\_\_\_\_  
 DRAWN: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 DATE: \_\_\_\_\_

NOT TO SCALE

REVISIONS



**CALAVERAS COUNTY**  
**WATER DISTRICT**  
 120 TOWN SQUARE  
 SAN ANTONIO, CA 95249  
 (209) 764-3843 FAX: (209) 764-1099

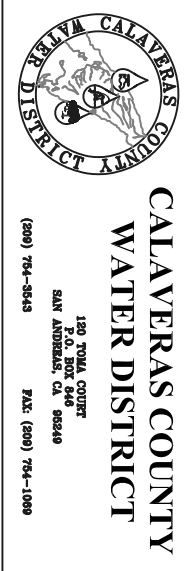
MAIN CAMPUS EXPANSION - SHOP	DRAWING NUMBER <b>A-8</b>
BUILDING SLAB DETAILS	SHEET NUMBER 16 OF 24
	FILE NAME
	CCWD FILE NO.

REV.	DESCRIPTION	DATE	BY	CHKD.

DESIGNED: \_\_\_\_\_  
 DRAWN: \_\_\_\_\_  
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 DATE: \_\_\_\_\_

NOT TO SCALE

150 TOWN CENTER  
 SAN ANTONIO, CA 78249  
 TEL: (202) 754-1099  
 (202) 754-3543

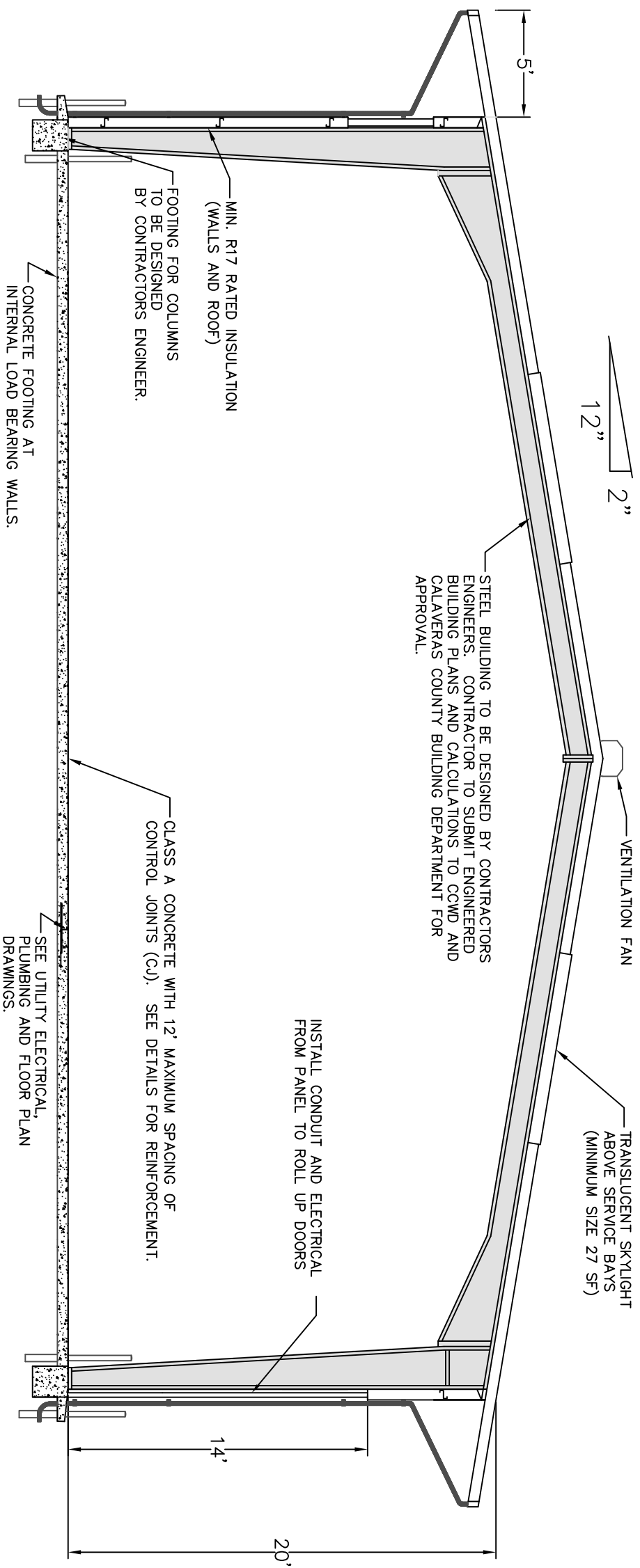


MAIN CAMPUS EXPANSION - SHOP  
 PRELIMINARY STRUCTURAL DRAWINGS

DRAWING NUMBER  
**S-1**  
 SHEET NUMBER  
 17 OF 24  
 FILENAME  
 COWD FILE NO.

# PRELIMINARY STRUCTURAL DETAILS

Cross Section



NOTE: BUILDING STRUCTURE TO BE DESIGNED TO ALLOW FOR BUILDING LENGTH TO BE INCREASED IN THE FUTURE ON EAST SIDE.

PLUMBING NOTES

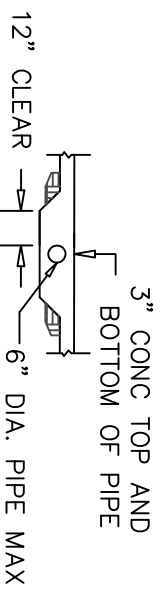
- THE CONTRACTOR SHALL FURNISH ALL PLANT, LABOR, EQUIPMENT AND SHALL PERFORM ALL OPERATIONS IN CONNECTION WITH THE PLUMBING SYSTEM(S) AS OUTLINED IN THE DRAWINGS AND IN DRAWINGS AND IN STRICT ACCORDANCE WITH THE CONDITIONS OF THE CONTRACT. ALL INCIDENTAL WORK NOT SHOWN OR SPECIFIED WHICH CAN BE REASONABLY BE TAKEN OR INFERRED AS BELONGING TO THE WORK AND NECESSARY TO PROVIDE SYSTEM DESCRIBED OR SHOWN SHALL BE THE CONTRACTORS RESPONSIBILITY. THE PLANS ARE NOT EXHAUSTIVELY DETAILED NOR FULLY SPECIFIED. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO SELECT, VERIFY, RESOLVE AND INSTALL ALL MATERIALS AND EQUIPMENT FOR COMPLETE AND READY FOR SERVICE BUILDING.
- WORK INCLUDED:
  - THE SYSTEMS TO BE INSTALLED CONSIST OF ESSENTIALLY OF THE FOLLOWING:
    - SANITARY SEWER AND VENT PIPING
    - WATER PIPING
    - GAS PIPING
    - CONDENSATION PIPING
    - PLUMBING FIXTURES
    - TRENCHING AND BACKFILL
    - TESTING AND ADJUSTING OF THE PLUMBING SYSTEM
  - WORKMANSHIP – WHERE OTHER INSTRUCTIONS ARE NOT GIVEN, EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE MANUFACTURER AND THE BEST STANDARD PRACTICES FOR THIS TYPE OF WORK.
  - RULES, REGULATIONS, AND CODES
    - ALL WORK AND MATERIALS SHALL BE IN FULL ACCORDANCE WITH THE LATEST RULES, CODES, AND REGULATIONS OF THE FOLLOWING
      - NATIONAL FIRE PROTECTION ASSOCIATION
      - STATE FIRE MARSHALL
      - PART – 5 T24 CALIFORNIA CODE OF REGULATIONS
      - STATE HEALTH DEPARTMENT
      - STATE INDUSTRIAL ACCIDENT COMMISSION'S SAFETY ORDERS
      - CALIFORNIA MECHANICAL CODE
      - CALIFORNIA BUILDING CODE
      - CALIFORNIA PLUMBING CODE
      - CALIFORNIA ELECTRICAL CODE
    - RULING AND INTERPRETATIONS OF THE ENFORCING AGENCY WILL BE CONSIDERED PART OF THE REGULATIONS
    - NOTHING IN THE PLANS OR SPECIFICATIONS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THE ABOVE, AND EXPENSE IN COMPLIANCE WITH THE ABOVE SHALL BE BORE BY THE CONTRACTOR.
    - THE GRADE OR QUALITY OF MATERIALS DESIRED IS INDICATED BY THE TRADE NAME AND THE MANUFACTURES SPECIFIED. ALL MATERIALS SHALL BE COMMERCIAL QUALITY.

GENERAL NOTES

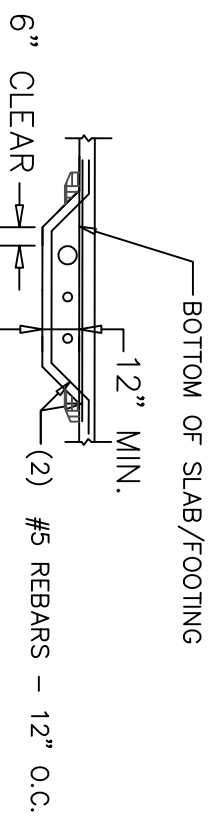
- FOR FIXTURE CONNECTIONS SIZES TO THE VARIOUS FIXTURES, REFER TO THE FIXTURE CONNECTION SCHEDULE.
- SLOPE OF ALL SANITARY SEWER LINES AND DRAIN LINES WITHIN THE BUILDING AT  $\frac{1}{4}$ "/FT.
- ALL WATER PIPING SHALL BE COPPER AND INSULATED WITH  $\frac{3}{4}$ " FIBERGLASS JACKET TYPE INSULATION.
- ALL CONDENSATE BELOW ROOF LINE TO BE PROVIDED WITH INSULATION.
- PLUMBING CONTRACTOR TO COORDINATE WITH MECHANICAL CONTRACTOR AND ELECTRICAL CONTRACTOR TO ELIMINATE ANY SPACE CONFLICTS.

FIRE SPRINKLER NOTES

- FIRE SPRINKLERS ARE NOT REQUIRED.



TYPICAL SINGLE PIPE IN SLAB



TYPICAL MULTIPLE PIPE IN SLAB

# PLUMBING NOTES

FIXTURE	SYM	WASTE		TRAP	VENT	COLD WATER		HOT WATER	
		BRANCH	OUTLET			BRANCH	OUTLET	BRANCH	OUTLET
WATER CLOSET (F.V.)	WC	4"	4"		2" 4"	1 1/2"	1"		
WATER CLOSET (TNK)	WC	4"	4"		2" 4"	3/4"	3/4"		
LAVATORY	LAV	2"	1 1/2"		1 1/2"	1/2"	1/2"		1/2"
SINK	S	2"	1 1/2"		1 1/2"	3/4"	1/2"		1/2"
SERVICE SINK	SS	3"	3"		3"	3/4"	1/2"		1/2"
FLOOR DRAIN 2" & 3"	FD	2" 4"	2" 3"		2" 3"				
FLOOR SINK	FS	2"	2"		2"	1 1/2"			
HOSE BIBB	HB					3/4"			

MARK	MAKE	MODEL	DESCRIPTION	TRIM
WC-2	KOHLER HIGHLINE	K-4405-0	ACCESSIBLE WATER CLOSET FLOOR MOUNTED	SLOAN ROYAL
LAV-1	KOHLER KINGSTON	K-2005	ACCESSIBLE WALL HUNG LAVATORY	CHICAGO (ADA)
SS-1	FIAT	MSB-2424	24" X 24" SERVICE SINK	#830-AA FAUCET
IMB-1	SPECIALTY PRODUCT	OB-800-1	ICE BOX MAKER	W/ TRAP PRIMER CONNECTION
FD-1	ZURN	ZN-415-S-P	SQUARE FLOOR DRAIN	BASS CASTING, CHROME FINISH
HB-1	WOODFORD	MODEL 75	WALL HYDRANT (INTERIOR)	W/ LOOSE KEY, NICKLE
HB-2	ZURN	Z-1300	NON-FREEZE WALL HYDRANT BOX (EXTERIOR)	
ECO	ZURN	Z-1400	FLOOR CLEANOUT	ADJ LEVEL CONTROL
IWH	NAVIEN	NR-240A	GAS INSTANTANEOUS WATER HEATER	INPUT 199 MBH, 120V -1 PH
FD-2	ZURN	Z-541	12" ROUND HEAVY DUTY FLOOR DRAIN	DRAIN TO INDUSTRIAL SUMP
DF	ELKAY	EZ58L	REFRIGERATED DRINKING FOUNTAIN	STAINLESS STEEL
ESH	BRADLEY	S19-120A	WALL MOUNTED EMERGENCY SHOWER	10-3/4" METAL HEAD, SHOWER PAN

REV.	DESCRIPTION	DATE	BY	CHKD.

DESIGNED: \_\_\_\_\_  
DRAWN: \_\_\_\_\_  
CHECKED: \_\_\_\_\_  
DATE: \_\_\_\_\_

NOT TO SCALE

DATE: \_\_\_\_\_



**CALAVERAS COUNTY**  
**WATER DISTRICT**

180 PUNK CENTER  
120 PUNK CENTER  
SAN ANDREAS, CA 95249  
(209) 764-8545 FAX: (209) 764-1089

MAIN CAMPUS EXPANSION - SHOP


PLUMBING NOTES

DRAWING NUMBER
P-1
SHEET NUMBER
18 OF 24
FILENAME
CADD FILE NO.

REV.	DESCRIPTION	DATE	BY	CHKD.

NOT TO SCALE

DESIGNED: \_\_\_\_\_  
 DRAWN: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 DATE: \_\_\_\_\_



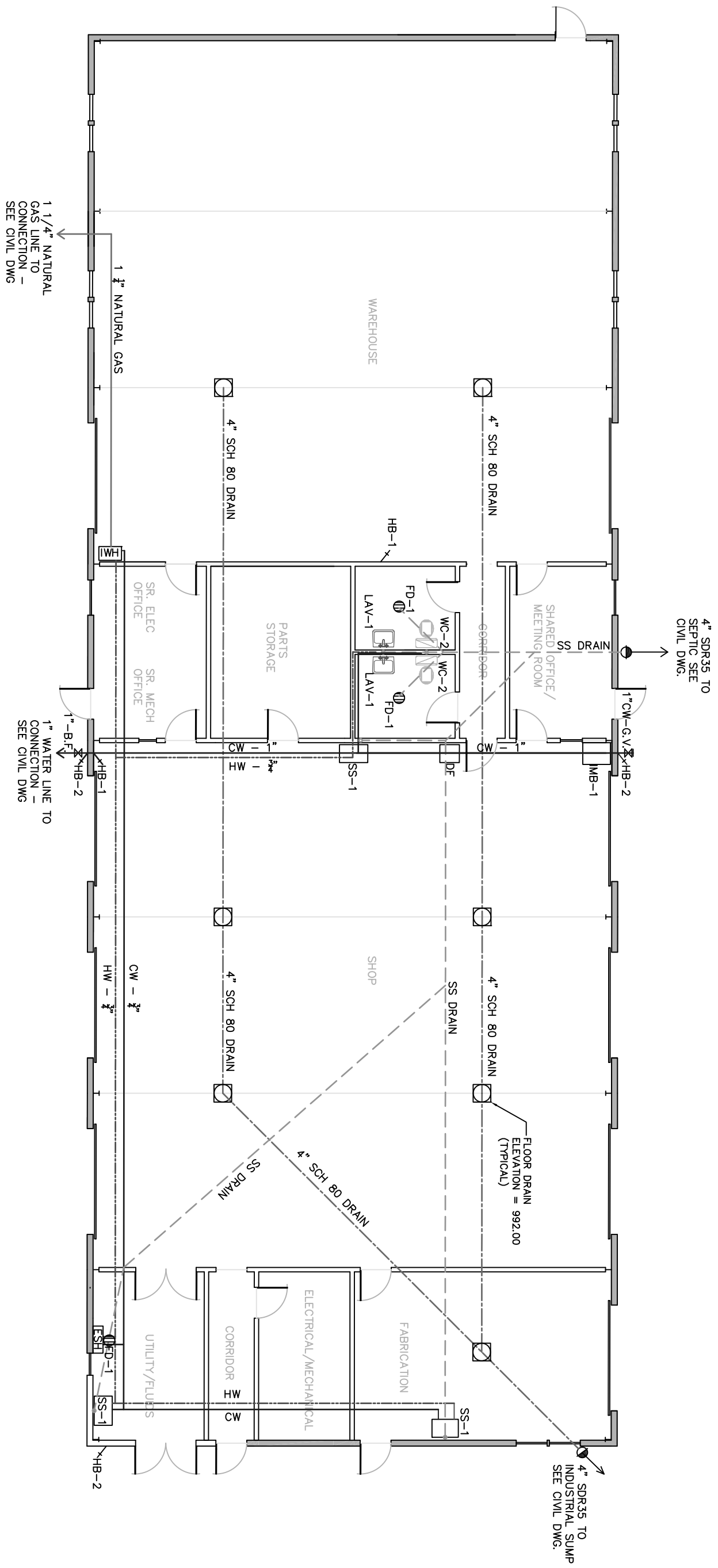
**CALAVERAS COUNTY WATER DISTRICT**  
 120 TOLA CORNER  
 P.O. BOX 546  
 SAINT ANDREAS, CA 95349  
 (209) 764-3843 FAX: (209) 764-1008

MAIN CAMPUS EXPANSION - SHOP  
 PUMPING FLOOR PLANS

DRAWING NUMBER	P-2
SHEET NUMBER	19 OF 24
FILENAME	
CCWD FILE NO.	

# PLUMBING FLOOR PLAN

NOTE: CONTRACTOR TO SUBMIT PLAN TO CCWD FOR APPROVAL SHOWING PROPOSED LOCATIONS OF LINES AND VENTS WITHIN FLOORS, WALLS, AND ROOF. VENT PIPE NOT SHOWN FOR CLARITY.



1 1/4" NATURAL GAS LINE TO CONNECTION - SEE CIVIL DWG

1" WATER LINE TO CONNECTION - SEE CIVIL DWG

4" SDR35 TO SEPTIC SEE CIVIL DWG.

4" SDR35 TO INDUSTRIAL SUMP SEE CIVIL DWG.

FLOOR DRAIN ELEVATION = 992.00 (TYPICAL)

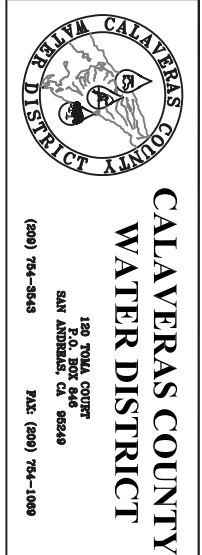


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DESIGNED: \_\_\_\_\_  
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NOT TO SCALE

MAIN CAMPUS EXPANSION - SHOP

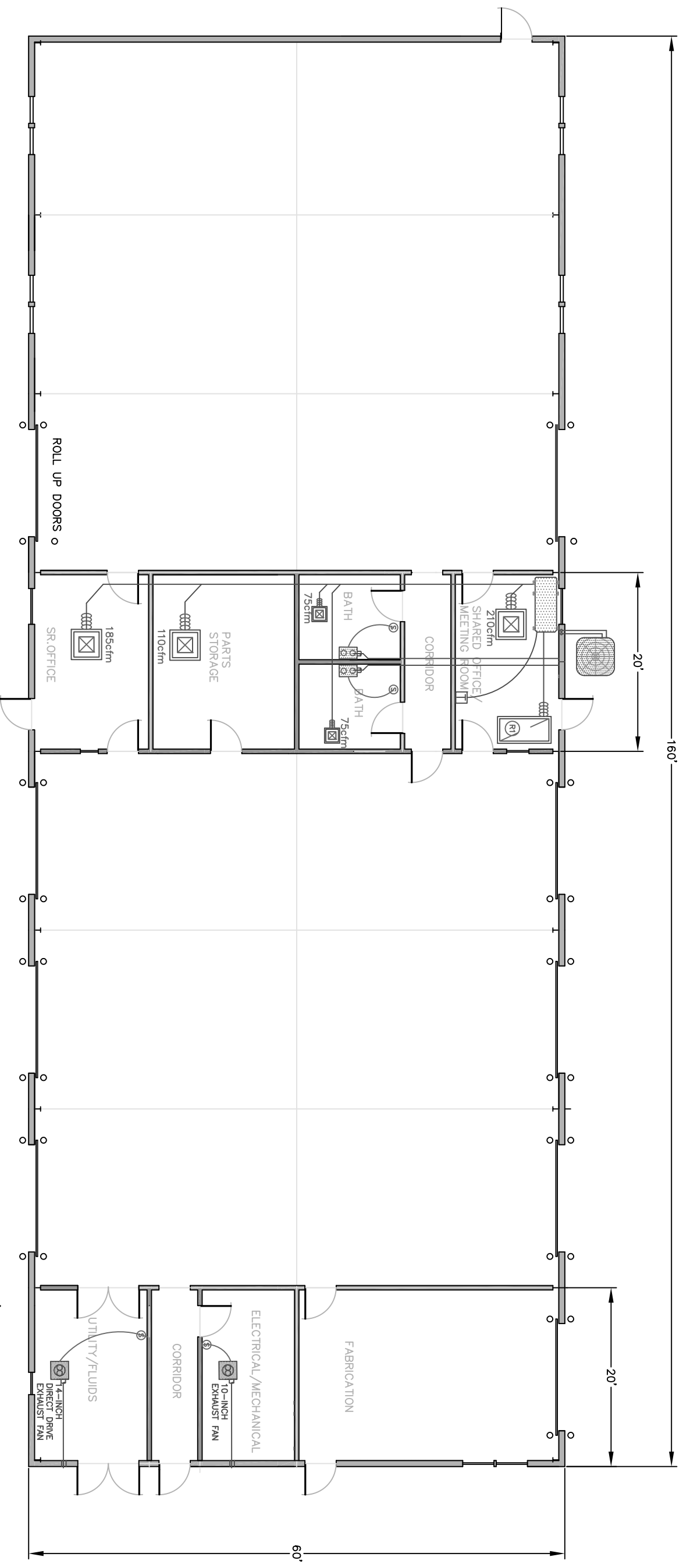


DRAWING NUMBER <b>M-1</b>
SHEET NUMBER 21 OF 24
FILENAME
CADD FILE NO.

## GENERAL NOTES

- 1.) ALL INDIVIDUAL BRANCH DUCTS ARE TO BE SUPPLIED WITH VOLUME DAMPERS, TYP.
- 2.) MECHANICAL CONTRACTOR TO COORDINATE WITH ELECTRICAL, PLUMBING, AND FIRE SPRINKLER CONTRACTOR TO ELIMINATE ANY SPACE CONFLICTS
- 2.) HVAC CONTRACTOR RESPONSIBLE FOR PERFORMING ENERGY CALCULATIONS, COMPLETE SYSTEM IS TO PROVIDED BY HVAC CONTRACTOR. PLAN IS INTENDED TO PROVIDE GENERAL DETAILS ONLY, AIR FLOW RATES SHOWN ARE INTENDED TO BE MINIMUMS.

# HVAC FLOOR PLAN



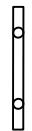













ELECTRICAL NOTES

GENERAL NOTES

- ELECTRICAL INSTALLATION SHALL COMPLY WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS INCLUDING THE FOLLOWING:
    - TITLE 24, COR, PART 2, CIRC
    - TITLE 24, COR, PART 3, CIRC
    - TITLE 24, COR, PART 4, CIRC
    - TITLE 24, COR, PART 9, CIRC
    - CALIFORNIA ENERGY CODE
    - CALIFORNIA GREEN BUILDING STANDARD CODE
    - ALL APPLICABLE CODES
  - ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING POWER SERVICES AT THE SITE PRIOR TO BIDDING. SERVICES SHALL CONFORM TO UTILITY COMPANY REQUIREMENTS. ELECTRICAL CONTRACTOR SHALL ARRANGE FOR SERVICE INSTALLATION PER UTILITY COMPANY REQUIREMENTS. ALL SERVICE INFORMATION AND LOCATIONS SHOWN ON THESE PLANS ARE ASSUMED TO BE VERIFIED WITH THE RESPECTIVE UTILITY COMPANIES AND MODIFIED AS REQUIRED TO SUIT. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE UTILITY COMPANIES IN A TIMELY FASHION TO OBTAIN AND COORDINATE THIS INFORMATION.
  - CONTRACTOR SHALL PROCURE AND PAY FOR ALL LICENSES, ETC. REQUIRED TO CARRY ON AND COMPLETE WORK.
  - PROVIDE ALL LABOR, MATERIALS, TOOLS, PLANT EQUIPMENT, TRANSPORTATION AND PERFORM ALL OPERATIONS NECESSARY FOR ANY REASONABLE INCIDENTALS TO PROPER EXECUTION AND COMPLETION OF ALL "ELECTRICAL WORK" WHETHER SPECIFICALLY MENTIONED OR NOT; ALL INDICATED, SPECIFIED HEREIN, AND/OR IMPLIED THEREBY TO CARRY OUT THE APPARENT INTENT THEREOF.
  - ALL MATERIALS SHALL BE NEW AND LISTED WITH THE UNDERWRITERS' LABORATORIES, INC., SHALL MEET THEIR REQUIREMENTS AND SHALL BEAR THEIR LABEL WHEREVER STANDARDS HAVE BEEN ESTABLISHED AND LABEL SERVICES IS REGULARLY FURNISH BY THAT AGENCY.
  - ELECTRICAL DRAWINGS ARE ESSENTIALLY DIAGRAMMATIC. THE PLANS ARE NOT EXHAUSTIVELY DETAILED NOR FULLY SPECIFIED. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO SELECT, VERIFY, RESOLVE AND INSTALL APPROPRIATE MATERIALS AND EQUIPMENT THAT MEETS ALL CODE REQUIREMENTS. THE DRAWINGS SHOW APPROXIMATE LOCATIONS OF EQUIPMENT, OUTLETS, SWITCHES, LIGHTING, ETC. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE CONDUCTOR SIZES. CONTRACTOR IS RESPONSIBLE FOR DETERMINING PATHWAYS AND RACEWAYS FOR WIRING. THE LOCATION OF CONDUITS SHOULD NOT INTERFERE WITH BUILDING FUNCTION.
  - WORK SHOWN ON THE DRAWINGS TO BE INSTALLED UNDERGROUND SHALL BE INSTALLED AT LEAST 24" BELOW GRADE. BACKFILL IN 6" THICK, PROPERLY MOISTENED LAYERS, SOLIDLY PACKED AND IRON TAMPED TO DENSITY NOT LESS THAN THAT OF ADJACENT, UNDISTURBED EARTH. RESTORE SURFACES, ROADWAYS, WALKS, CURBS TO ORIGINAL CONDITIONS IN ACCEPTABLE MANNER. CONFLICTS BETWEEN SPECIFICATION AND PLANS
  - ANY CONFLICT BETWEEN ELECTRICAL SPECIFICATIONS AND ELECTRICAL PLANS, OR BETWEEN ELECTRICAL PLANS AND PLANS OF ANOTHER DISCIPLINE SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER AND A RESOLUTION RECEIVED PRIOR TO PROCUREMENT OR INSTALLATION OF THE ITEM IN QUESTION.
- LIGHTING
- ALL LUMINAIRES AND BALLAST SHALL BE CERTIFIED BY THE MANUFACTURE TO THE CALIFORNIA ENERGY COMMISSION
  - ALL EMERGENCY LIGHTS AND EXIT SIGNS SHALL BE PROVIDED WITH AN UNSWITCHED HOT WIRE.
  - MINIMUM CONDUIT SIZE FOR SITE LIGHTING SHALL BE #2 & MINIMUM WIRE SIZE SHALL BE #10 UNLESS OTHERWISE SHOWN.
- WORKING CLEARANCES FOR PANELS & SWITCHBOARDS
- COORDINATE WITH OTHER TRADES TO ENSURE CODE REQUIRED WORKING CLEARANCES, ACCESS, ETC. FOR PANELS AND SWITCHBOARDS PER CEC SECTION 110.26 & ARTICLE 408.
- ARC FLASH HAZARD
- PROVIDE WARNING LABEL ON ALL SWITCHBOARDS, PANEL BOARDS CONTROL PANES AND MOTOR CONTROL CENTERS PER CEC 110.16.
- HVAC SYSTEMS
- ELECTRICAL CONTRACTOR SHALL COORDINATE WITH MECHANICAL CONTRACTOR FOR EXACT LOCATIONS OF ALL HVAC UNITS, DISCONNECTS AND DEVICES IN FIELD. COORDINATE EXACT LOCATIONS OF DISCONNECTS WITH ELECTRICAL CONNECTION POINTS ON THE UNITS TO KEEP FLEXIBLE CONDUIT LENGTH TO A MINIMUM (36" MAXIMUM). VERIFY AND CONFIRM THE ACTUAL MOUNTING LOCATIONS FOR THE DISCONNECT. ALL OUTDOOR SERVICING OUTLETS FOR HVAC UNITS SHALL BE WF/GFT.
  - THE RATING AND DISCONNECT SHALL BE SUCH AS TO ENABLE THE LARGEST FUSE SIZE ON THE UNIT NAMEPLATE TO BE INSTALLED IN THE DISCONNECT. PROVIDE FUSES OF THIS RATINGS.
  - FURNISH AND INSTALL ALL LINE VOLTAGE CONDUITS AND LINE VOLTAGE WIRING (LOW VOLTAGE CONDUITS AND WIRING BY MECHANICAL) TO HVAC EQUIPMENT AND ASSOCIATED CONTROLS AND DEVICES AS SHOWN ON ELECTRICAL, HVAC AND BUILDING PLANS.
- GROUNDING
- GROUND AND BOND ALL EQUIPMENTS REQUIRED BY GOVERNING CODES AND SPECIFICALLY INCLUDING SWITCHBOARDS, PANELBOARDS, MOTOR CASES, ETC.
  - PROVIDE GROUND WIRES IN ALL FEEDERS AND BRANCH CIRCUITS
  - ALL GROUND WIRES SHALL BE INSULATED GROUND WIRES.
- SMOKE DETECTORS
- SMOKE DETECTORS AND HEAT DETECTORS ARE NOT SHOWN ON THE DRAWINGS. THEY ARE TO BE INSTALLED WITHIN THE BUILDING AS REQUIRED BY CODE AND BUILDING DEPARTMENT.
- SUBMITTALS
- PROVIDE THE FOLLOWING SUBMITTALS FOR REVIEW AND APPROVAL:
- MAIN SERVICE SWITCHBOARD
  - PANELBOARDS
  - LIGHT FIXTURES
  - LIGHTING CONTROLS
  - BASIC ELECTRICAL MATERIALS.
  - WIRING DIAGRAMS
- ALL SUBMITTALS SHOULD COME WITH STATEMENT OF COMPLIANCE THAT MATERIALS MEETS ALL REQUIRED CODES AND SPECIFICATION.
- TESTING
- THE ENTIRE ELECTRICAL INSTALLATION SHALL BE FREE FROM SHORT CIRCUITS AND IMPROPER GROUNDS. TEST ALL WIRING AND CONNECTIONS FOR CONTINUITY AND GROUNDS BEFORE FIXTURES OR EQUIPMENT ARE CONNECTED AND WHERE SUCH TEST INDICATE FAULTY INSULATION OR OTHER DEFECTS, THEY SHOULD BE LOCATED, REPAIRED AND RETESTED AT THE CONTRACTORS EXPENSE. PROVIDE ALL INSTRUMENTS TO MAKE SUCH TEST.
- AS-BUILT DRAWINGS
- PROVIDE AS-BUILT DRAWINGS UPON COMPLETION OF WORK COVERED BY THIS CONTRACT.
  - PROVIDE THREE SETS OF OPERATIONS AND MAINTENANCE MANUALS FOR POWER, AND LIGHTING.
  - AS-BUILTS DRAWINGS ARE TO BE SUBMITTED PRIOR TO SUBSTANTIAL COMPLETION

# ELECTRICAL AND LIGHTING NOTES

## LEGEND

	LINEAR LED LIGHT FIXTURE – SURFACE MOUNTED
	HIGH BAY LED LIGHT FIXTURES – 14" ROUND SUSPENDED
	WALL BRACKET LIGHT FIXTURE
	LED CAN LIGHT – RECESSED 6" ROUND
	VENTILATION SWITCH MOTION AND TIMER CONTROL
	LIGHT SWITCH
	LIGHT SWITCH – 3 WAY
	TWO HEAD WALL MOUNT EMERGENCY LIGHT WITH BATTERIES
	MOTION SENSOR LIGHT SWITCH W/ MANUAL SWITCH
	SPECIAL PURPOSE OUTLET – VERIFY RATING/TYPE (FIELD)
	120 VOLT DUPLEX OUTLET
	120 VOLT FOUR PLEX OUTLET
	EXHAUST FAN
	MOTOR OUTLET
	EMERGENCY SIGN, SINGLE FACE, HIGH LEVEL
	ELECTRICAL PANEL – 400 AMP
	FUSED DISCONNECT SWITCH

REVISIONS			
REV.	DESCRIPTION	DATE	BY / CHNG

DESIGNED: _____	DATE: _____
DRAWN: _____	CHECKED: _____
NOT TO SCALE	

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**CALAVERAS COUNTY**  
**WATER DISTRICT**  
 180 TOWN CENTER  
 P.O. BOX 248  
 SAN ANDREAS, CA 95248  
 (909) 754-6545 FAX: (909) 754-1089

MAIN CAMPUS EXPANSION - SHOP	DRAWING NUMBER <b>E-1</b>
ELECTRICAL AND LIGHTING NOTES	SHEET NUMBER 22 OF 24
	FILENAME
	CADD FILE NO.

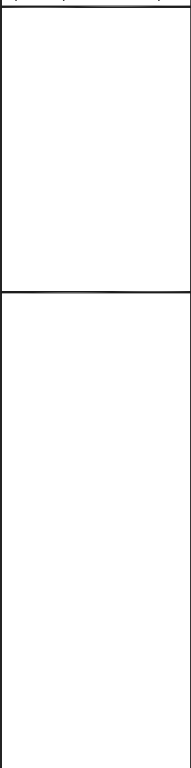




REV.	DESCRIPTION	DATE	BY	CHKD.

NOT TO SCALE

DESIGNED: \_\_\_\_\_  
 DRAWN: \_\_\_\_\_  
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 DATE: \_\_\_\_\_



**CALAVERAS COUNTY**  
**WATER DISTRICT**  
 150 TOWN COURT  
 P.O. BOX 416 95249  
 SAN ANDREAS, CA  
 TEL: (209) 754-1088

MAIN CAMPUS EXPANSION - SHOP  
 ELECTRICAL FLOOR PLAN

DRAWING NUMBER  
**E-3**  
 SHEET NUMBER  
 24 OF 24  
 FILENAME  
 CADD FILE NO.

# ELECTRICAL FLOOR PLAN

