





# GENERAL NOTES

- ALL IMPROVEMENTS SHALL BE CONSTRUCTED IN STRICT ACCORDANCE WITH THE CITY OF STOCKTON STANDARD SPECIFICATIONS AND PLANS, LATEST EDITION, AND ALL AMENDMENTS THERETO TO-DATE.
- ELEVATIONS ARE REFERRED TO NGVD 29.
- THE CITY OF STOCKTON STANDARD PLANS AND DETAILS AS SHOWN HEREON ARE FOR THE CONVENIENCE OF THE CONTRACTOR. PRIOR TO AND DURING CONSTRUCTION THE CONTRACTOR SHALL BE RESPONSIBLE FOR BEING FAMILIAR WITH THE CURRENT CITY OF STOCKTON STANDARDS AND ALL UPDATES AND REVISIONS MADE TO ANY OF THE CITY OF STOCKTON STANDARD DETAILS SHOWN ON THESE PLANS. THE CONTRACTOR IS ALSO RESPONSIBLE FOR BEING FAMILIAR WITH THE WRITTEN SPECIFICATIONS AND/OR OTHER STANDARD DETAILS NOT SHOWN BUT WHICH ARE INCLUDED IN THE CITY OF STOCKTON STANDARD SPECIFICATIONS AND PLANS.
- DRAWING NUMBERS SHOWN ON THE PLANS REFER TO CITY OF STOCKTON STANDARD PLANS, SHOWN THUS: DWG. NO.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING FROM DAMAGE ALL EXISTING IMPROVEMENTS THAT ARE TO REMAIN. SUCH IMPROVEMENTS THAT ARE DAMAGED BY THE CONTRACTOR SHALL BE REPLACED AT HIS EXPENSE.
- EXCAVATION OF 5 FEET OR MORE IN DEPTH WILL REQUIRE AN EXCAVATION PERMIT FROM THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL SAFETY.
- THE CONTRACTOR SHALL DEMOLISH, EXCAVATE, REMOVE AND DISPOSE OF ALL EXISTING CONCRETE CURB, GUTTER OR SIDEWALK, ASPHALT CONCRETE PAVING, AND DELETERIOUS MATERIAL AS REQUIRED TO CONSTRUCT THE CONTRACT WORK. ALL SUCH EXCESS MATERIAL GENERATED SHALL BE DISPOSED OF FROM THE SITE BY THE CONTRACTOR.
- THE CONTRACTOR SHALL OBTAIN AN ENCROACHMENT PERMIT FOR ANY WORK DONE WITHIN THE CITY RIGHT-OF-WAY FROM THE CITY OF STOCKTON PUBLIC WORKS DEPARTMENT, AND NOTIFY THE CITY 24 HOURS IN ADVANCE OF STARTING ANY WORK TO BE ACCEPTED FOR OWNERSHIP AND MAINTENANCE BY THE CITY OF STOCKTON.
- WORK IN PUBLIC RIGHT-OF-WAY IS SUBJECT TO THE APPROVAL AND ACCEPTANCE OF THE CITY OF STOCKTON PUBLIC WORKS DEPARTMENT.
- EXISTING UTILITIES ARE SHOWN AS THEY ARE BELIEVED TO EXIST. THE OWNER AND THE ENGINEER DO NOT ACCEPT RESPONSIBILITY FOR THEIR ACCURACY. PRIOR TO COMMENCING ANY WORK, THE CONTRACTOR SHALL HAVE EACH UTILITY COMPANY ACCURATELY LOCATE, IN MAINS AND SERVICE LINES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT ALL EXISTING UTILITIES.
- ATTENTION IS CALLED TO: SECTION 1540 (A) (1) OF THE CONSTRUCTION SAFETY ORDERS (TITLE 8 CALIFORNIA ADMINISTRATION CODE, SECTION 1540), ISSUED BY THE OCCUPATIONAL SAFETY AND HEALTH STANDARDS BOARD PURSUANT TO THE CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH ACT OF 1973, AS AMENDED, WHICH STATES:  
"PRIOR TO OPENING AN EXCAVATION, EFFORT SHALL BE MADE TO DETERMINE WHETHER UNDERGROUND INSTALLATION (I.E., SEWER, WATER, FUEL, ELECTRIC LINES, ETC.) WILL BE ENCOUNTERED AND, IF SO, WHERE SUCH UNDERGROUND INSTALLATIONS ARE LOCATED. WHEN THE EXCAVATION APPROACHES THE APPROXIMATE LOCATION OF SUCH AN INSTALLATION, THE EXACT LOCATION SHALL BE DETERMINED BY CAREFUL PROBING OR HAND DIGGING AND WHEN IT IS UNCOVERED, ADEQUATE PROTECTION SHALL BE PROVIDED FOR THE EXISTING INSTALLATION. ALL KNOWN OWNERS OF UNDERGROUND FACILITIES IN THE AREA CONCERNED SHALL BE ADVISED OF PROPOSED WORK AT LEAST 48 HOURS PRIOR TO THE START OF ACTUAL EXCAVATION."
- THE CONTRACTOR SHALL CONTACT KENNETH MOECKEL (937-8381) OF THE CITY OF STOCKTON AT LEAST 72 HOURS TO SCHEDULE A PRE-CONSTRUCTION CONFERENCE PRIOR TO STARTING ANY WORK.
- PRIOR TO COMMENCING ANY WORK, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO HAVE EACH UTILITY COMPANY LOCATE IN THE FIELD THEIR MAIN SERVICE LINES. THE CONTRACTOR SHALL NOTIFY MEMBERS OF THE UNDERGROUND SERVICE ALERT (U.S.A.) 48 HOURS IN ADVANCE OF PERFORMING EXCAVATION WORK BY CALLING THE TOLL-FREE NUMBER (800-227-2600).
- THE CONTRACTOR SHALL CHECK WITH THE UTILITY COMPANIES AND VERIFY ALL UTILITY LOCATIONS. IT SHALL BE CONTRACTOR'S SOLE RESPONSIBILITY TO PROTECT ALL EXISTING UTILITIES SO THAT NO DAMAGE RESULTS TO THEM DURING THE PERFORMANCE OF HIS CONTRACT. THE CONTRACTOR SHALL BE REQUIRED TO COOPERATE WITH OTHER CONTRACTORS AND UTILITY COMPANIES INSTALLING NEW STRUCTURES, UTILITIES AND SERVICES TO THE DEVELOPMENT.
- WHENEVER EXISTING PAVEMENT IS BROKEN OR CUT DURING THE INSTALLATION OF THE WORK COVERED BY THESE PLANS AND SPECIFICATIONS, THE PAVEMENT SHALL BE REPLACED WITH PAVEMENT MATERIALS EQUAL TO OR BETTER THAN THE MATERIALS USED IN THE ORIGINAL PAVING. THE FINISHED PAVEMENT SHALL BE SUBJECT TO THE APPROVAL OF THE CITY ENGINEER IF LOCATED WITHIN CITY RIGHT-OF-WAY.
- PAYMENT FOR PAVEMENT WILL BE MADE FOR THE AREAS SHOWN ON THE PLANS. REPLACEMENT OF PAVEMENT WHICH IS BROKEN OR CUT IN THE INSTALLATION OF THE IMPROVEMENTS COVERED BY THESE PLANS AND SPECIFICATIONS, AND WHICH LIES OUTSIDE OF SAID AREAS, SHALL BE INCLUDED IN THE STREET CONTRACTOR'S UNIT PRICE FOR PAVEMENT, AND NO ADDITIONAL PAYMENT SHALL BE MADE FOR SUCH WORK.
- THE CONTRACTOR SHALL EXPOSE EXISTING STORM DRAINS AND SANITARY SEWERS WHERE CONNECTIONS ARE TO BE MADE SO EXISTING FLOWLINES AND LOCATIONS CAN BE VERIFIED BEFORE THE START OF CONSTRUCTION.
- THE CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOBSITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.
- CONSTRUCTION STAKING:  
IF SIEGFRIED ENGINEERING IS NOT PERFORMING THE CONSTRUCTION STAKING, AND AN ERROR OR OMISSION ON THE PLANS IS DISCOVERED BY THE SURVEYOR PERFORMING THE CONSTRUCTION STAKING DURING THE PREPARATION OF THE STAKING PLAN AND IT IS NOT IMMEDIATELY BROUGHT TO THE ATTENTION OF SIEGFRIED ENGINEERING THEN SIEGFRIED ENGINEERING CAN NOT, AND WILL NOT TAKE RESPONSIBILITY FOR THE CONSTRUCTION COSTS HAD THE ERROR OR OMISSION BEEN TAKABLE PRIOR TO CONSTRUCTION.
- "CLASS A SUBGRADE" SHALL BE GRADED TO RELATIVE COMPACTION OF 95% TO A DEPTH OF SIX INCHES.
- AFTER THE SANITARY SEWER PIPE HAS BEEN LAID AND BACKFILLED, A LOW PRESSURE AIR TEST PER CITY OF STOCKTON STANDARD SPECIFICATIONS 71.1.11F "AIR PRESSURE TEST" SHALL BE MADE ON EACH SECTION OF PIPE BETWEEN MAINTENANCE HOLES. THE PRESSURE TEST SHALL BE CONDUCTED AS PRESCRIBED BY THE CITY ENGINEER AND SHALL MEET AIR PRESSURE LOSS PER TIME PERIOD IN ACCORDANCE WITH CITY OF STOCKTON STANDARD SPECIFICATIONS. SHOULD ANY TEST ON ANY SECTION OR PIPELINE DISCLOSE AN AIR LOSS GREATER THAN THAT PERMITTED, THE CONTRACTOR SHALL AT HIS OWN COST LOCATE AND REPAIR THE DEFECTIVE JOINTS OR PIPE AND RETEST UNTIL THE AIR LOSS IS WITHIN THE SPECIFIED ALLOWANCE. CONTRACTOR SHALL TELEPHONE LINES AND PRESENT THE CITY OF STOCKTON WITH A COPY OF THE VIDEO TAPE. ANY DEFECTS FOUND BY THE CITY OF STOCKTON BY TELEVISION INSPECTION SHALL BE REPAIRED BY THE CONTRACTOR PRIOR TO CONSTRUCTION OF THE STREET PAVEMENT.
- THE UNDERGROUND CONTRACTOR SHALL PROVIDE SUFFICIENT RECORDS AND SHALL LEAVE ADEQUATE MARKS IN THE FIELD FOR THE CURB, GUTTER AND SIDEWALK CONTRACTOR TO ACCURATELY STAMP THE "S" AND "W" MARKINGS FOR SANITARY AND WATER SERVICES. PRIOR TO THE PLACING OF ANY SIDEWALK OR CURB SECTION, THE CURB, GUTTER AND SIDEWALK CONTRACTOR SHALL FURNISH DATA TO THE CITY OF STOCKTON FIELD INSPECTOR SHOWING HE HAD ADEQUATE INFORMATION TO ACCURATELY FIELD LOCATE AND MARK THE "S" AND "W" MARKINGS TO BE STAMPED IN HIS WORK. SANITARY SEWER SERVICES IN NEW SUBDIVISIONS SHALL BE MARKED BY THE CURB, GUTTER AND SIDEWALK CONTRACTOR WITH AN "S" STAMPED ON THE BACK OF THE SIDEWALK OR ON THE TOP OF THE CURB. WATER SERVICES IN NEW SUBDIVISIONS SHALL BE MARKED BY THE CURB, GUTTER AND SIDEWALK CONTRACTOR WITH A "W" STAMPED ON THE BACK OF THE SIDEWALK OR ON THE TOP OF CURB. PRIOR TO FINAL TROWELING OF THE CONCRETE, THE CITY OF STOCKTON FIELD INSPECTOR SHALL DETERMINE THAT THE "S" AND "W" MARKINGS HAVE BEEN STAMPED ON THE BACK OF SIDEWALK OR ON THE TOP OF CURB.
- THE CONTRACTOR SHALL OBTAIN A PERMIT FROM THE CALIFORNIA WATER SERVICE COMPANY FOR USE OF WATER FROM FIRE HYDRANTS FOR CONSTRUCTION PURPOSES. THE PERMIT SHALL BE APPROVED BY THE CITY OF STOCKTON FIRE DEPARTMENT.
- ALL STATIONS ARE STREET PAVEMENT CENTERLINE STATIONS.
- THE PROPERTY OWNERS, DEVELOPERS, AND/OR SUCCESSORS IN INTEREST SHALL COMPLY WITH THE PROVISIONS OF THE CALIFORNIA CONSTRUCTION ACTIVITY STORM WATER PERMIT AND STATE WATER RESOURCES CONTROL BOARD ORDER NUMBER 99-08-DWQ COMPLIANCE IS MANDATORY PER THE CITY OF STOCKTON'S GRADING AND EROSION CONTROL ORDINANCE, CHAPTER 13, PART V, SECTIONS 13-500 THROUGH 13-513 OF THE STOCKTON MUNICIPAL CODE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMITS AND LICENSES REQUIRED FOR THE CONSTRUCTION AND COMPLETION OF THE PROJECT.  
THE CONTRACTOR SHALL OBTAIN AN ENCROACHMENT PERMIT AND A GRADING AND EROSION CONTROL PERMIT PRIOR TO STARTING ANY WORK, UNLESS OTHERWISE APPROVED BY THE CITY.
- DUST CONTROL SHALL BE PERFORMED AT ALL TIMES, AT THE CONTRACTORS' EXPENSE, TO MINIMIZE ANY DUST NUISANCE AND SHALL BE IN ACCORDANCE WITH SECTION 10 OF CALTRANS STANDARD SPECIFICATIONS AND THE REQUIREMENTS OF THE CITY OF STOCKTON.
- THE CONTRACTOR SHALL FURNISH, INSTALL OPERATE AND MAINTAIN ALL MACHINERY, APPLIANCES AND EQUIPMENT TO MAINTAIN ALL EXCAVATIONS FREE FROM WATER DURING CONSTRUCTION AND SHALL DEWATER AND DISPOSE OF THE WATER SO AS TO NOT CAUSE INJURY TO PUBLIC OR PRIVATE PROPERTY, OR TO CAUSE A NUISANCE OR MENACE TO THE PUBLIC. THE DEWATERING SYSTEM SHALL BE INSTALLED AND OPERATED SO THE GROUNDWATER LEVEL OUTSIDE THE EXCAVATION IS NOT REDUCED TO THE EXTENT WHICH WOULD CAUSE DAMAGE OR ENDANGER ADJACENT STRUCTURES OR PROPERTY. ALL COSTS FOR DEWATERING SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ALL PIPE CONSTRUCTION. THE STATIC WATER LEVEL SHALL BE DRAWN DOWN A MINIMUM OF 1 FOOT BELOW THE BOTTOM OF EXCAVATION OF ANY FILL TO THE SPECIFIED DENSITY. DISPOSAL OF WATER SHALL BE IN ACCORDANCE WITH THE APPROVED SWPPP AND SHALL NOT DAMAGE PROPERTY, CREATE A PUBLIC NUISANCE OR VIOLATE THE LAW. THE CONTRACTOR SHALL HAVE ON HAND, PUMPING EQUIPMENT AND MACHINERY IN GOOD WORKING CONDITION FOR EMERGENCIES AND SHALL HAVE WORKMEN AVAILABLE FOR ITS OPERATION. THE DEWATERING SYSTEM SHALL OPERATE CONTINUOUSLY UNTIL BACK-FILL HAS BEEN COMPLETED TO 1 FOOT ABOVE THE NORMAL STATIC GROUNDWATER LEVEL.
- UTILIZE A SEDIMENTATION OR FILTERING CONTROL MEASURE TO REMOVE SEDIMENT FROM DEWATERING WATERS PRIOR TO DISCHARGE.  
SEE SEDIMENT FILTER DETAIL ON THE EROSION CONTROL PLAN.
- IN ACCORDANCE WITH THE REQUIREMENTS OF THE RECENTLY ADOPTED STORM WATER NPDES PERMIT, MUD IS REVISING ITS PROCEDURE FOR REVIEW OF STORM WATER POLLUTION PREVENTION PLANS (SWPPPS). IN LIEU OF SUBMITTING A SWPPP FOR REVIEW, THE FOLLOWING MUST BE SUBMITTED PRIOR TO OR DURING THE PRECONSTRUCTION MEETING:
  - TRANSMITTAL MEMO THAT INCLUDES:
    - THE NAME AND PHONE NUMBER OF THE PERSON RESPONSIBLE FOR SWPPP IMPLEMENTATION, AND
    - IF APPLICABLE, A LISTING OF THE POST-CONSTRUCTION BEST MANAGEMENT PRACTICES THAT WILL BE INSTALLED TO SATISFY THE REQUIREMENTS OF ORDINANCE 10-97.
  - COPY OF A SIGNED NOTICE OF INTENT FORM OR A WASTE DISCHARGE IDENTIFICATION NUMBER.
- THE DISCHARGE OF CHLORINATED AND DE-CHLORINATED WATER INTO THE STORM DRAIN SYSTEM IS PROHIBITED. THE DISCHARGE OF CHLORINATED AND DE-CHLORINATED WATER INTO THE SANITARY SEWER SYSTEM REQUIRES PRIOR APPROVAL FROM MUD. CONTACT MUD AT 209-937-8750.
- IN ORDER TO COMPLY WITH THE LATEST STORM WATER QUALITY STANDARDS, ALL WORK DONE WITHIN THE PROJECT SHALL FOLLOW THE LATEST STORM WATER QUALITY DESIGN CRITERIA PLAN APPROVED AND ADOPTED BY THE CITY COUNCIL ON NOVEMBER 26, 2003.
- IN ORDER TO COMPLY WITH STATE WATER RESOURCES CONTROL BOARD ORDER NUMBER 99-08-DWQ, THE STORM WATER DIVISION REQUIRES THAT ALL NEW CATCH BASINS INSTALLED COMPLY WITH STORM WATER STANDARDS DESIGN CRITERIA PAGES 4-3 & 4-4.
- LOCATION OF SAW CUTTING AS REPRESENTED ON THESE PLANS SHALL BE DETERMINED IN THE FIELD WITH THE PUBLIC WORKS INSPECTOR. IF THE EXISTING SECTION REQUIRES GRINDING OR OVERLAYING OF AC, IT SHALL BE DETERMINED IN THE FIELD WITH THE PUBLIC WORKS INSPECTOR.
- REMOVAL AND ABANDONMENT OF SANITARY SEWER LATERALS SHALL BE CONDUCTED IN ACCORDANCE WITH THE POLICIES OF THE CITY OF STOCKTON MUNICIPAL UTILITIES DEPARTMENT. CONTACT RANDY CORNELL OF OMI/THAMES WATER AT (209) 937-8725 TO COORDINATE.
- THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, BARRICADES, SIGNS, FLAGMEN OR OTHER DEVICES NECESSARY FOR PUBLIC SAFETY.
- CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL AND/OR DETOUR PLAN FOR APPROVAL BY THE CITY OF STOCKTON TRAFFIC ENGINEER PRIOR TO THE START OF CONSTRUCTION.
- THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE OWNER AND THE CITY ENGINEER.

- WHENEVER EXISTING FACILITIES ARE REMOVED, DAMAGED, BROKEN OR CUT IN THE INSTALLATION OF THE WORK COVERED BY THESE PLANS OR SPECIFICATIONS, SAID FACILITIES SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. AFTER PROPER BACKFILLING AND/OR CONSTRUCTION, WITH MATERIALS EQUAL TO OR BETTER THAN THE MATERIALS USED IN THE ORIGINAL EXISTING FACILITIES. THE FINISHED PRODUCT SHALL BE SUBJECT TO THE APPROVAL OF THE OWNER, THE ENGINEER, AND THE RESPECTIVE REGULATORY AGENCY.
- THE CONTRACTOR SHALL MAINTAIN A NEATLY MARKED SET OF FULL-SIZE AS-BUILT RECORD DRAWINGS SHOWING THE FINAL LOCATION AND LAYOUT OF ALL MECHANICAL, ELECTRICAL AND OTHER INSTRUMENTATION EQUIPMENT, PIPING AND CONDUITS, STRUCTURES AND OTHER FACILITIES. THE AS-BUILTS OF THE ELECTRICAL SYSTEM SHALL INCLUDE THE STREET LIGHT LAYOUT PLAN SHOWING LOCATION OF LIGHTS, CONDUITS, CONDUCTORS, POINTS OF CONNECTIONS TO SERVICES, PULLBOXES, AND WIRE SIZES. AS-BUILT RECORD DRAWINGS SHALL REFLECT CHANGE ORDERS, ACCOMMODATIONS, AND ADJUSTMENTS TO ALL IMPROVEMENTS CONSTRUCTED. WHERE NECESSARY, SUPPLEMENTAL DRAWINGS SHALL BE PREPARED AND SUBMITTED BY THE CONTRACTOR.
- THIS SUBDIVISION WILL NOT BE SUBMITTED TO THE CITY COUNCIL FOR ACCEPTANCE OF IMPROVEMENTS UNTIL ALL STREET LIGHTS ARE INSTALLED AND ENERGIZED. COMPLETE AS-BUILT PLANS ARE ALSO REQUIRED PRIOR TO INSPECTION.

## CAL WATER NOTE

- ALL WATER IMPROVEMENTS MUST BE REVIEWED AND APPROVED BY CAL WATER. CITY NO LONGER RECEIVES CAL WATER MAPS TO VERIFY WATER IMPROVEMENTS.

# SPECIFICATIONS

## SPECIFICATIONS FOR PVC AND ABS SANITARY SEWER PIPE

- PVC AND ABS SANITARY SEWER PIPE SHALL BE IN ACCORDANCE WITH CITY OF STOCKTON STANDARDS, SECTION 71.
- DEFORMATION TESTING OF INSTALLED FLEXIBLE PIPE SHALL BE CONDUCTED IN ACCORDANCE WITH CITY OF STOCKTON STANDARDS 71-1.07 AND 71-1.11.
- ALL SANITARY SEWER PIPE BEDDING SHALL BE ACCORDING TO CITY OF STOCKTON STANDARDS SECTION 71.1.04.

## SPECIFICATIONS FOR VCP SANITARY SEWER PIPE

- VCP SANITARY SEWER PIPE SHALL PER C.O.S. STANDARDS SECTION 71-1.02B

## SPECIFICATIONS FOR SANITARY SEWER MAINTENANCE HOLES

- SANITARY SEWER MAINTENANCE HOLES SHALL BE IN ACCORDANCE WITH CITY OF STOCKTON STANDARDS, SECTION 71 AND STD. DWG. 54 AND 55.
- MAINTENANCE HOLES SHALL BE CONSTRUCTED SUCH THAT NO INFILTRATION OR EXFILTRATION WILL OCCUR AT ANY JOINTS OR LIFT HOLES. ALL INFILTRATION SHALL BE CORRECTED PRIOR TO PAINTING OR COATING.
- IN ADDITION TO THE REQUIREMENTS OF THE CITY OF STOCKTON STANDARD SPECIFICATION 71-1.09A, ALL SANITARY SEWER MAINTENANCE HOLES CONSTRUCTED ON 15-INCH THROUGH 30-INCH SEWERS SHALL RECEIVE POLYURETHANE COATING.
- WHERE THE EXISTING FOUNDATION IS WET OR NORMALLY WET PRIOR TO DEWATERING, THE MAINTENANCE HOLE BASE SHALL BE INSTALLED ON A BEDDING OF MINIMUM 6" THICKNESS OF CRUSHED, EVENLY GRADED ROCK MEETING ASTM C33, GRADATION 67 SPECIFICATIONS. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO SEE THAT THIS TYPE BEDDING ROCK DOES NOT JEOPARDIZE THE POLYETHYLENE SLEEVE WHERE SUCH SLEEVE IS PRESENT.

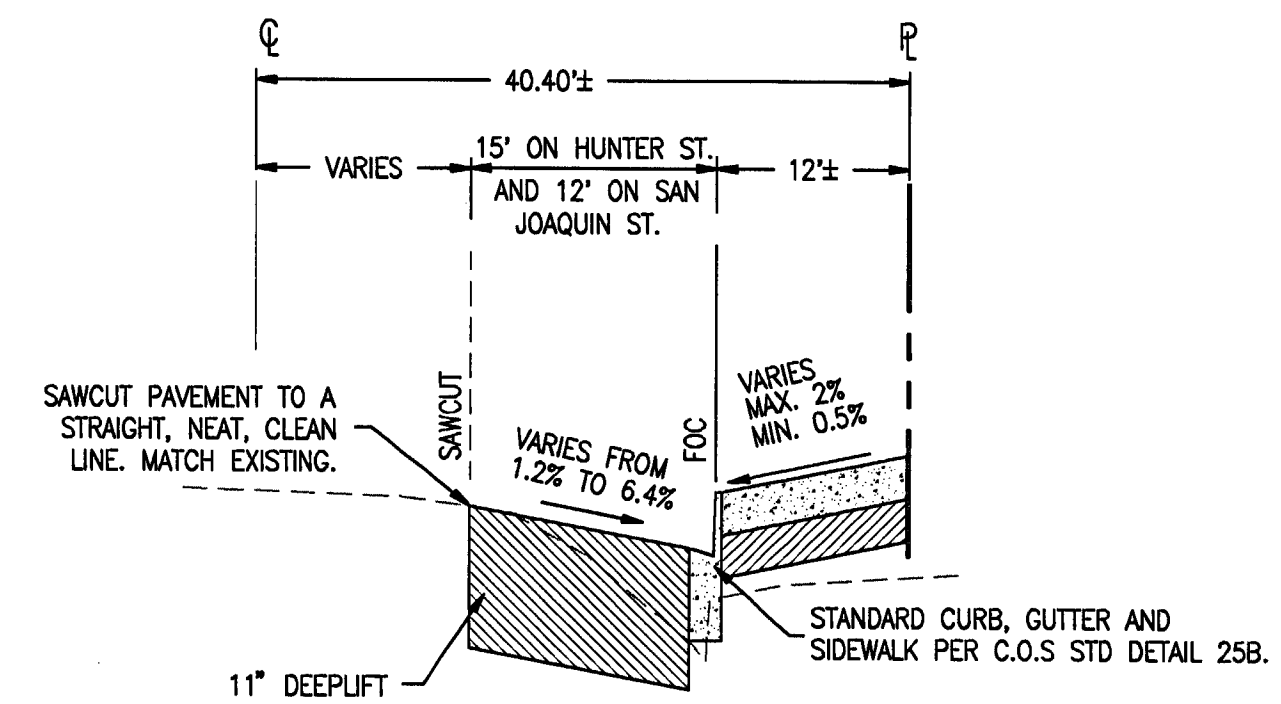
## SPECIFICATIONS FOR INITIAL BACKFILL (ALL TRENCHES)

- ALL TRENCH EXCAVATIONS SHALL BE IN ACCORDANCE WITH THE CITY OF STOCKTON STANDARD SPECIFICATION 7-1.01E.
- JETTING OF THE INITIAL BACKFILL LIFT SHALL NOT BE PERMITTED, UNLESS SPECIFIED BY THE SOILS ENGINEER. NOR WILL JETTING BE ALLOWED PRIOR TO ANY WET MORTAR REACHING A 24-HOUR SET.

PIPE TABLE			
TYPE OF PIPE	PIPE DIAMETER	TYPE & CLASS	BEDDING CLASS
SANITARY SEWER	4"	ABS, DUCTILE IRON PIPE, VCP DIP, OR PVC	PER C.O.S. STDS. SECTION 71 (TYP.)
	6"	PER C.O.S. STDS. SECTION 71 (TYP.)	PER C.O.S. STDS. SECTION 71 (TYP.)
STORM DRAIN	6"	RCP OR PVC	PER C.O.S. STDS. SECTION 71 (TYP.)
	10"	PER C.O.S. STDS. SECTION 71 (TYP.)	
	12"	PER C.O.S. STDS. SECTION 71 (TYP.)	

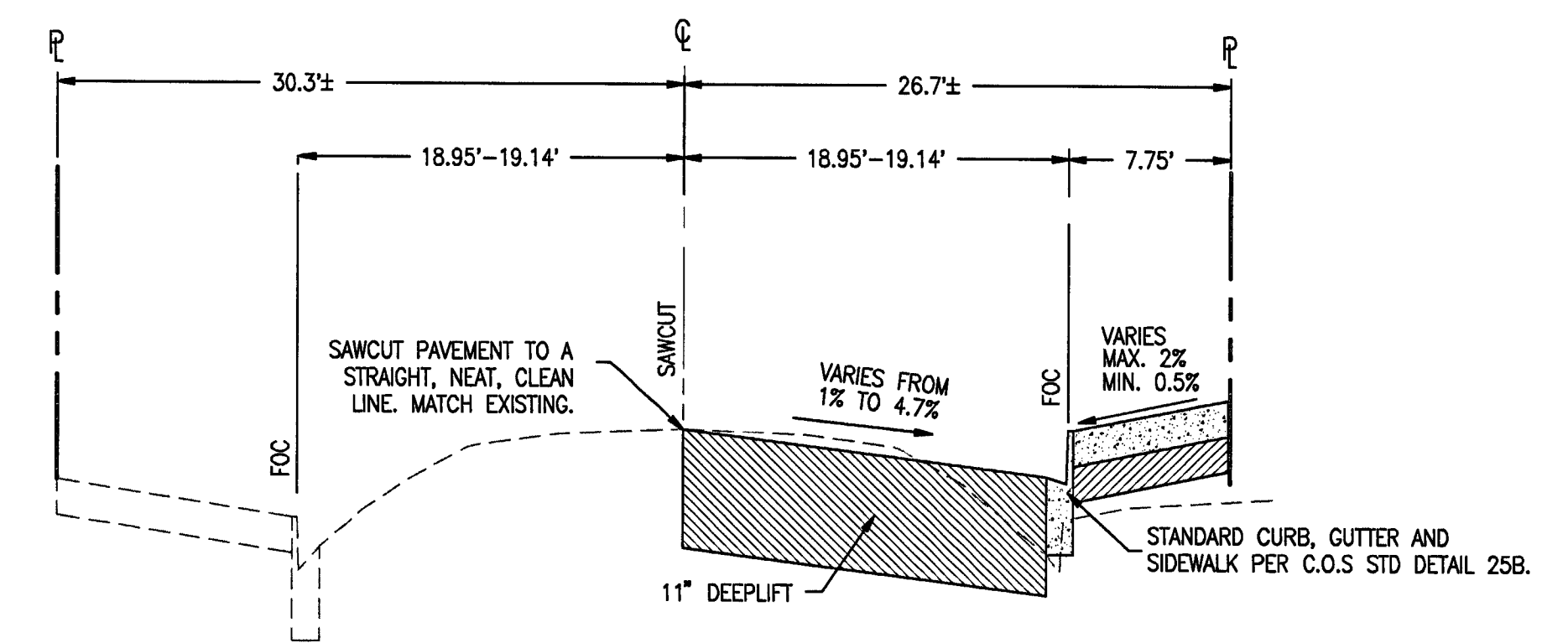
## CONTACT LIST

- |                       |   |                      |   |
|-----------------------|---|----------------------|---|
| A) REGULATORY AGENCY: | CITY OF STOCKTON<br>425 N. EL DORADO STREET<br>STOCKTON, CA 95202<br>937-8279 | E) TELEPHONE:        | PACIFIC BELL<br>2300 E. EIGHT MILE ROAD<br>STOCKTON, CA 95210<br>474-4727                               |
| B) OWNER:             | CFY<br>1001 6TH STREET SUITE 200<br>SACRAMENTO, CA 95814<br>916-446-4040      | F) CABLE TELEVISION: | AT&T BROADBAND<br>6505 TAM O'SHANER DRIVE<br>STOCKTON, CA 95210<br>473-4955                             |
| C) GEOTECHNICAL:      | KLEINFELDER, INC.<br>2825 E. MYRTLE STREET<br>STOCKTON, CA 95205<br>948-1345  | G) SEWER:            | CITY OF STOCKTON M.U.D.<br>2500 NAVY DRIVE<br>STOCKTON, CA 95206<br>937-8701                            |
| D) GAS & ELECTRIC:    | P. G. & E.<br>4040 WEST LANE<br>STOCKTON, CA 95204<br>942-1489                | H) FIBER OPTIC       | MCI WORLD COM.<br>1-800-MCI-LOCATES   |
|                       |   | I) WATER             | CALIFORNIA WATER SERVICE COMPANY<br>1550 W. FREMONT STREET, SUITE 110<br>STOCKTON, CA 95203<br>464-8311 |



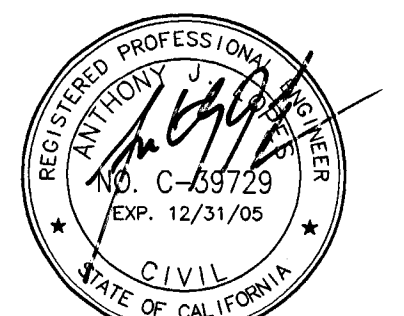
## HUNTER AND SAN JOAQUIN STREETS TYPICAL STREET HALF SECTION

NOT TO SCALE  
(R<5, T1=7)



## CHANNEL STREET TYPICAL STREET HALF SECTION

NOT TO SCALE  
(R<5, T1=7)



DATE SIGNED: 7/10/05

## NOTES:

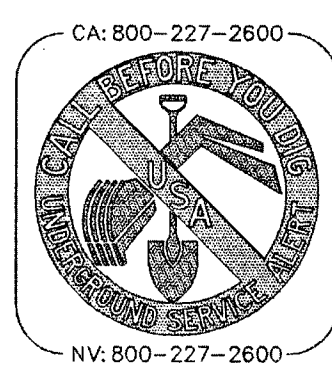
- AC SHALL BE INSTALLED PER CITY OF STOCKTON STANDARD PLANS AND SPECIFICATIONS.

## EDMUND S. 'ED' COY PARKING STRUCTURE OFFSITE IMPROVEMENTS

### GENERAL NOTES, SPECIFICATIONS, AND TYPICAL CROSS SECTIONS

DEPARTMENT OF PUBLIC WORKS CITY OF STOCKTON, CALIFORNIA		SCALE: AS NOTED	APPROVED BY: DATE	SHEET NO.
DESIGNED BY: GE	DRAWN BY: GE	CHECKED BY: AJL	F. B. NO.:	C-2
DWG. FILE: G-6---	CITY ENGINEER STOCKTON, CALIFORNIA		OF 11 SHEETS C.O.S. JOB NO.	

4792.1C

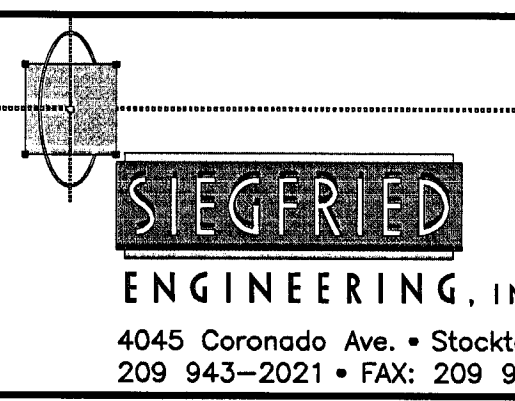


## BENCH MARK:

BENCH MARK NO. 27 TOP OF "R" IN COREY ON TOP OF FIRE HYDRANT AT THE SOUTHWEST CORNER OF WEBER AVENUE AND SAN JOAQUIN STREET.

(MARCH 1992 DATUM) ELEVATION= 14.27 FT

REVISIONS				
NO.	DESCRIPTION	DATE	BY	APPROV. BY

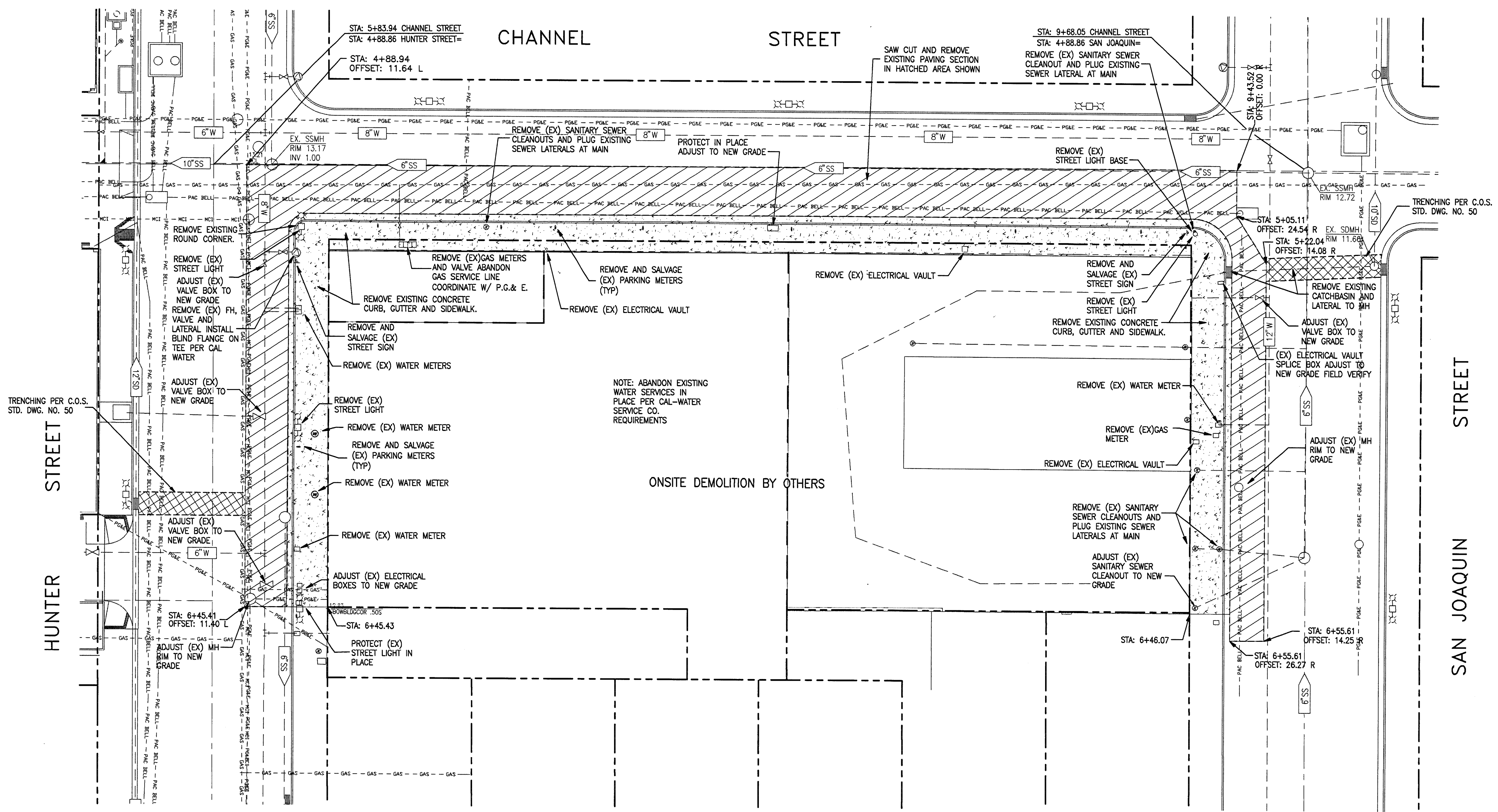


- Civil Engineering
- Land Surveying
- Structural Engineering
- Planning

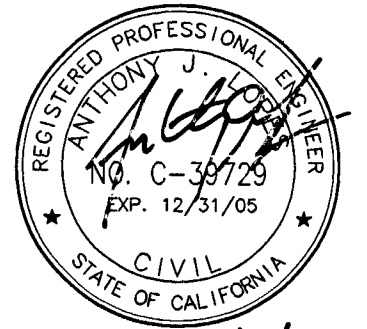
4792.1C  
 ED COY PARKING STRUCTURE  
 HUNTER AND SAN JOAQUIN STREETS  
 SIEGFRIED ENGR.  
 JULY 13, 2005



SCALE: 1"=20'



*Harold Holland*  
*Somchai Hattaka*  
 3-21-06



DATE SIGNED: 7/8/05

**EDMUND S. 'ED' COY PARKING STRUCTURE  
 OFFSITE IMPROVEMENTS  
 DEMOLITION PLAN**

DESIGNED BY: GE		APPROVED BY: DATE	SHEET NO.
DRAWN BY: GE		<i>7/8/05</i>	<b>C-3</b>
CHECKED BY: AJL		<i>Edmund S. Coy</i>	OF 11 SHEETS
F. B. NO.:		CITY ENGINEER/ STOCKTON, CALIFORNIA	C.O.S. JOB NO.
DWG. FILE: G-6---			

REVISIONS				
NO.	DESCRIPTION	DATE	BY	APPROV. BY

**STIEGRIED**  
 ENGINEERING, INC.  
 4045 Coronado Ave. • Stockton, CA 95204-2396  
 209 943-2021 • FAX: 209 942-0214 • E-Mail: mail@stiegfriedeng.com

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- Land Surveying
- Structural Engineering
- Planning

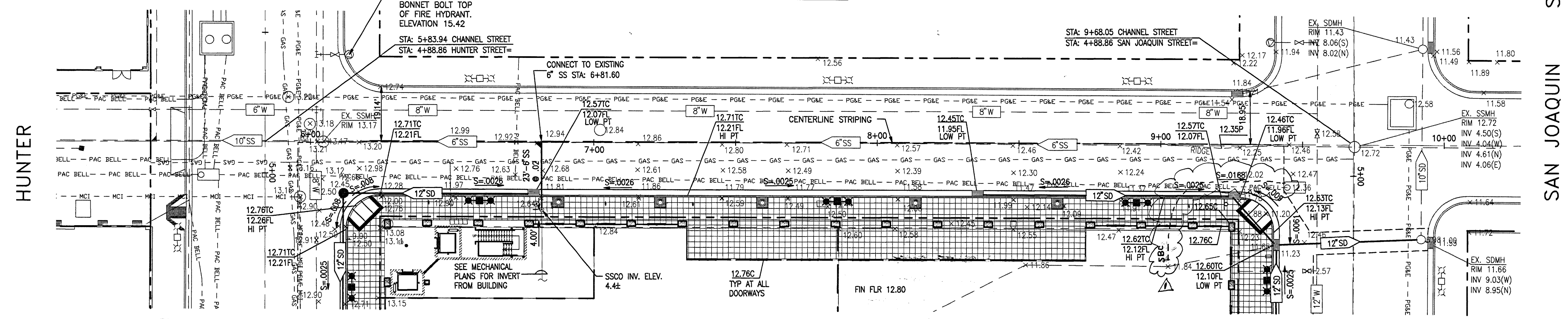
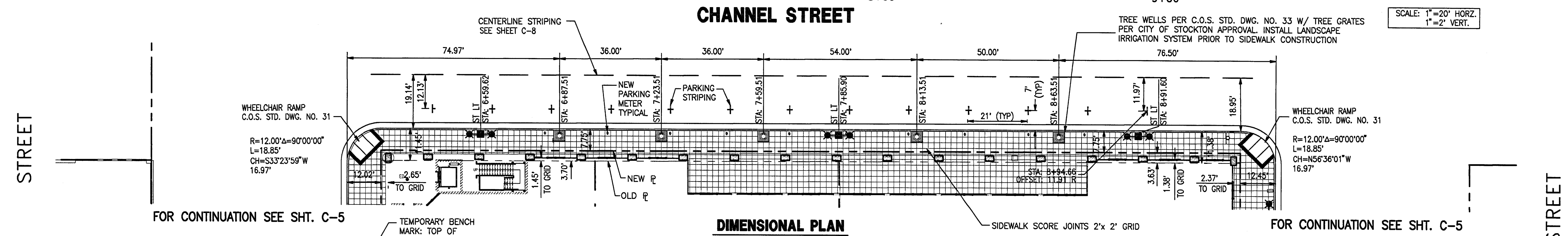
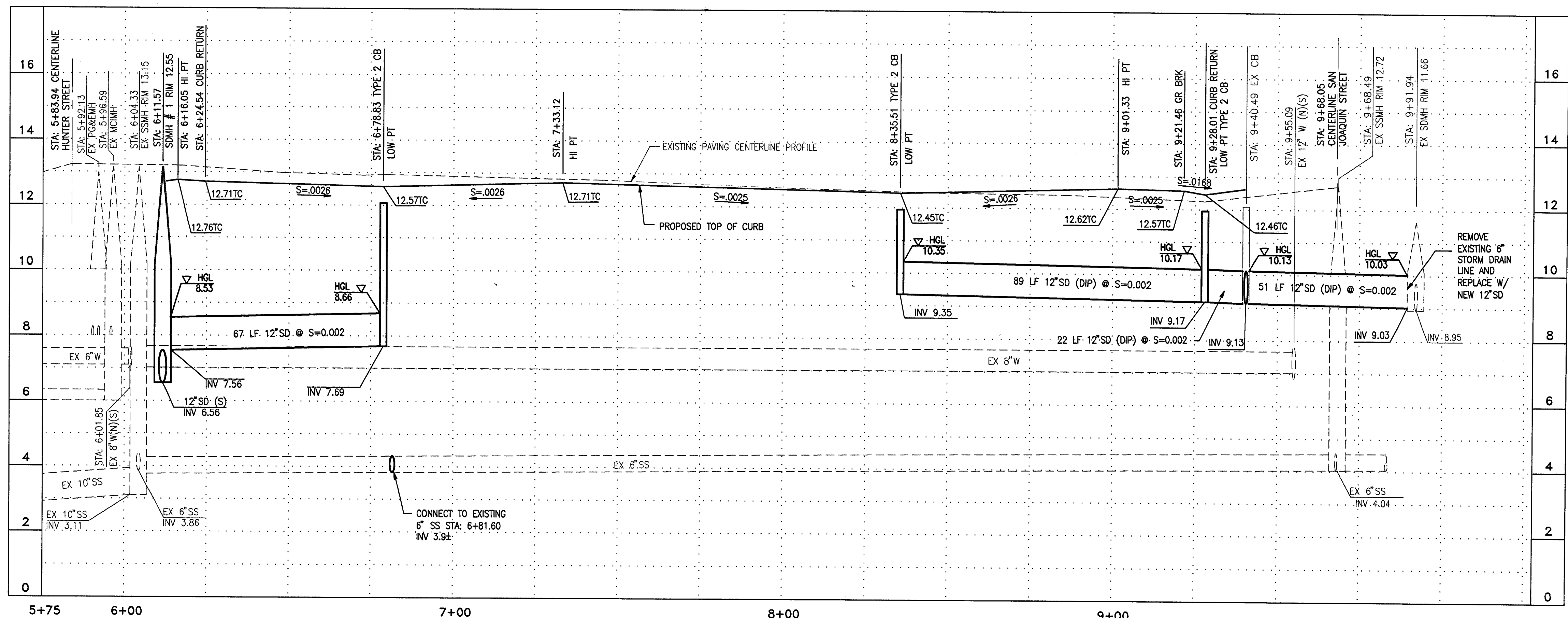


**BENCH MARK:**  
 BENCH MARK NO. 27 TOP OF "R" IN COREY ON TOP OF FIRE HYDRANT AT THE  
 SOUTHWEST CORNER OF WEBER AVENUE AND SAN JOAQUIN STREET.  
 (MARCH 1992 DATUM) ELEVATION= 14.27 FT

4792.2C

4792.2C PARKING STRUCTURE  
 IMPROVEMENTS  
 HUNTER/CHANNEL/SAN JOAQUIN  
 SIEGFRIED ENGR. JULY 13, 2005

4792.3C  
 ED COY PARKING STRUCTURE  
 IMPROVEMENT PLANS  
 HUNTER/CHANNEL/SAN JOAQUIN  
 JULY 13, 2006



**PLAN**  
 1. ALL DRY AND WET UTILITIES THAT ARE TO BE DEMOLISHED OR ABANDONED ARE SHOWN ON THE DEMOLITION PLAN, AND ARE NOT SHOWN ON THIS PLAN. PRIOR TO DIGGING SEE DEMOLITION PLAN FOR ALL EXISTING UTILITIES.

*Harold Holland*  
 SOMCHAN KHAEK  
 3-21-06

REVISIONS					
NO.	DESCRIPTION	DATE	BY	APPD. BY	
1	SHOWED LOCATION OF EXIST. SBC UTILITY LINE	3-21-06	SK		

**SEIERIED ENGINEERING, INC.**  
 4045 Coronado Ave. • Stockton, CA 95204-2396  
 209 943-2021 • FAX: 209 942-0214 • E-Mail: mail@siegeriedeng.com

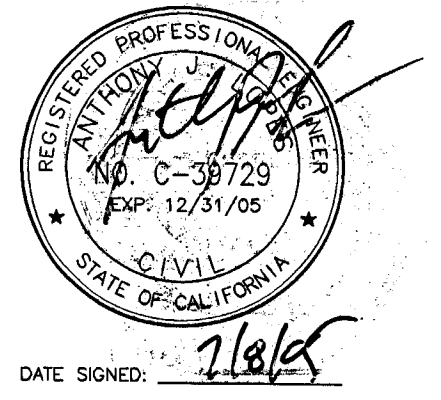
- Civil Engineering
- Land Surveying
- Structural Engineering
- Planning

**EDMUND S. 'ED' COY PARKING STRUCTURE OFFSITE IMPROVEMENTS**  
**PLAN AND PROFILE CHANNEL STREET**  
 DEPARTMENT OF PUBLIC WORKS  
 CITY OF STOCKTON, CALIFORNIA

SCALE: 1"=20'H  
 DESIGNED BY: GE  
 DRAWN BY: GE  
 CHECKED BY: AJL  
 F. B. NO.:  
 DWG. FILE: C-6---

APPROVED BY: DATE  
*Edmund S. Coy* 7/13/06  
 CITY ENGINEER  
 STOCKTON, CALIFORNIA

SHEET NO. **C-4**  
 OF 11 SHEETS  
 C.O.S. JOB NO.



4792.3C

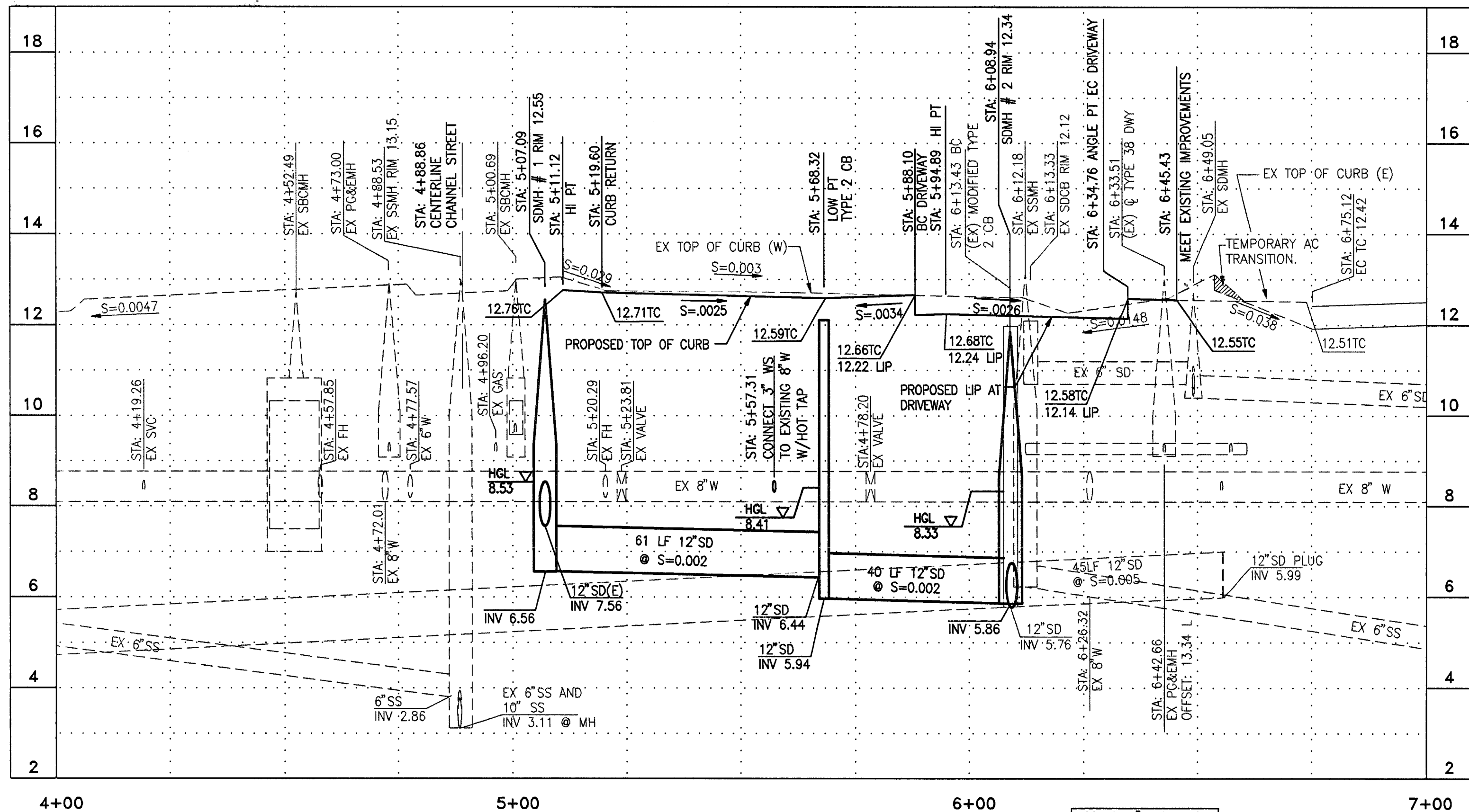


**BENCH MARK:**  
 BENCH MARK NO. 27 TOP OF "R" IN COREY ON TOP OF FIRE HYDRANT AT THE SOUTHWEST CORNER OF WEBER AVENUE AND SAN JOAQUIN STREET.  
 (MARCH 1992 DATUM) ELEVATION= 14.27 FT

SCALE: 1"=20'

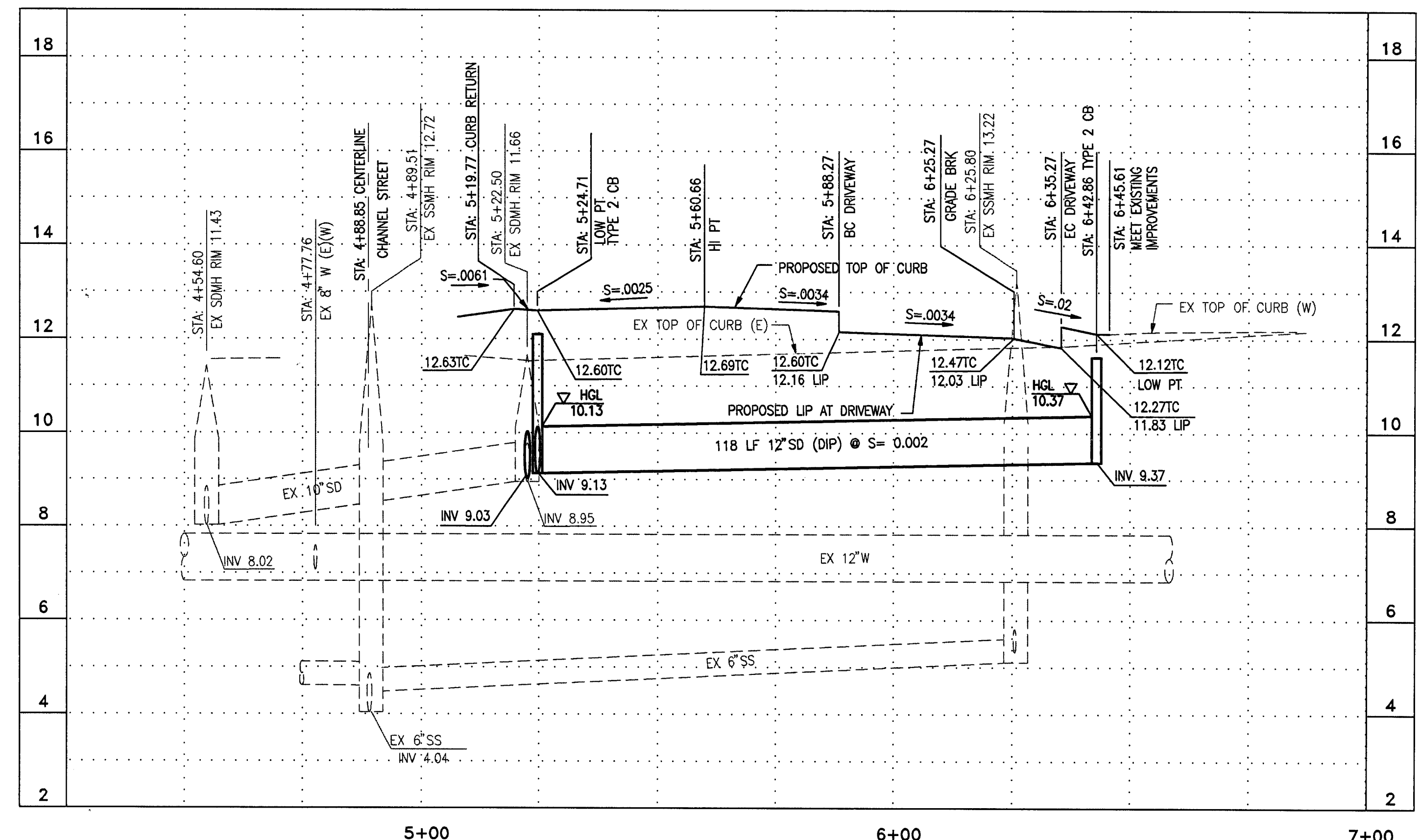
SCALE: 1"=20' HORZ.  
 1"=2' VERT.





**HUNTER STREET**

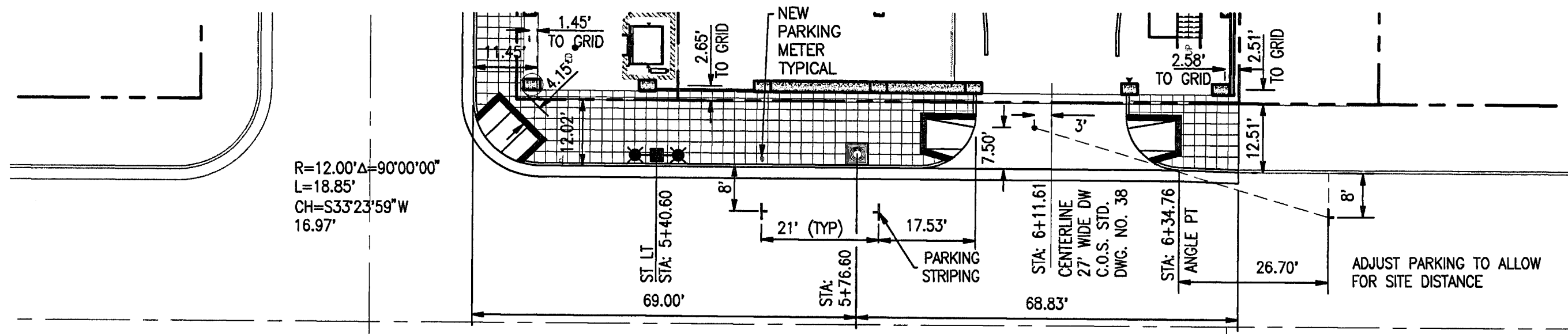
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1"=2' VERT.



**SAN JOAQUIN STREET**

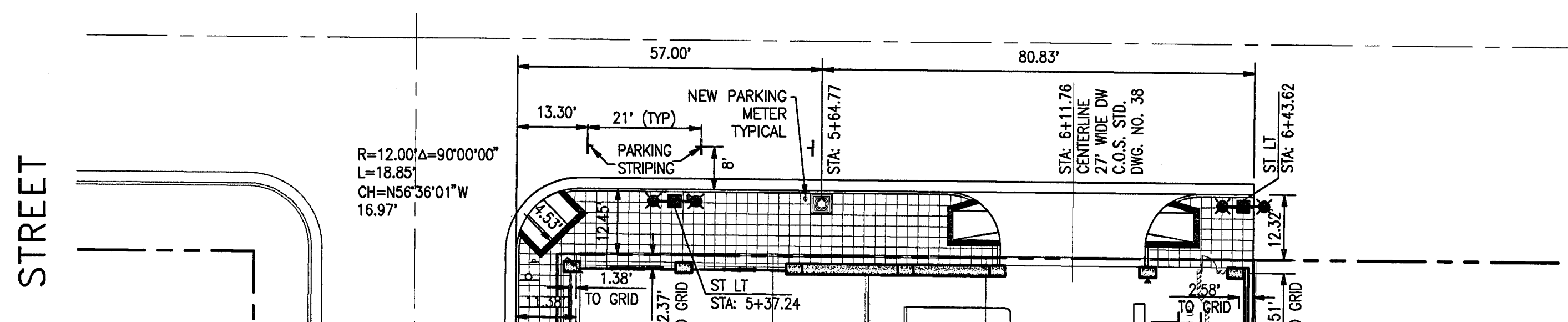
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FOR CONTINUATION SEE SHT. C-4

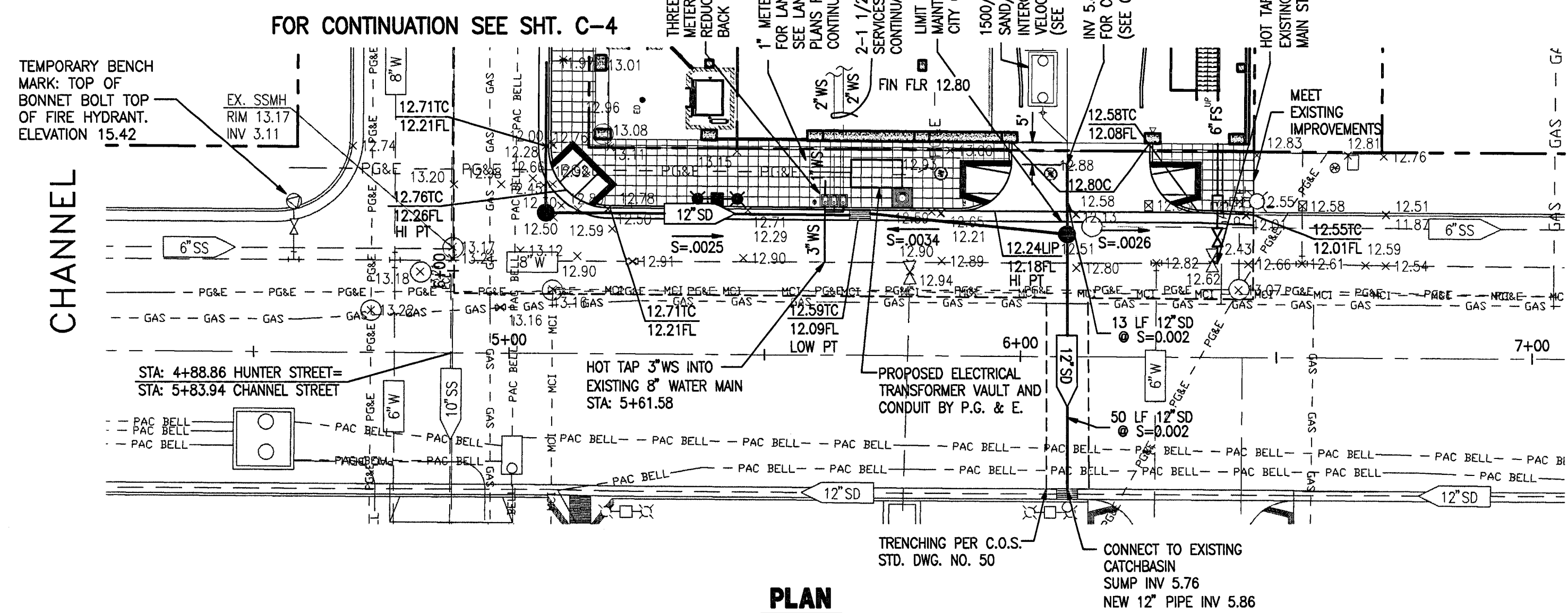


**DIMENSIONAL PLAN**

FOR CONTINUATION SEE SHT. C-4

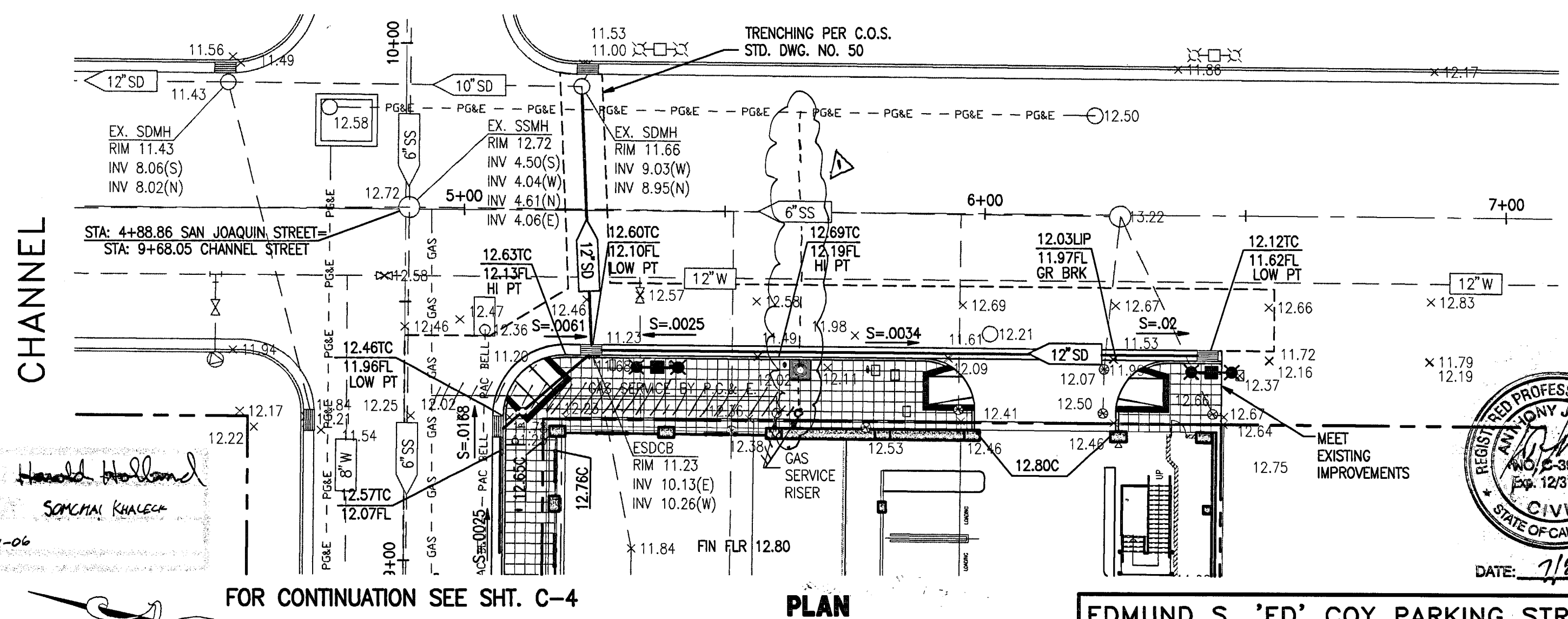


**DIMENSIONAL PLAN**



**PLAN**

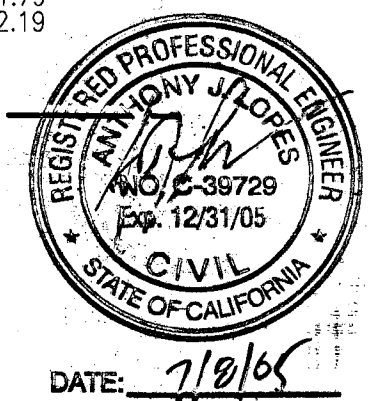
SCALE: 1"=20'



**PLAN**

SCALE: 1"=20'

NOTE  
1. ALL DRY AND WET UTILITIES THAT ARE TO BE DEMOLISHED OR ABANDONED ARE SHOWN ON THE DEMOLITION PLANS AND ARE NOT SHOWN ON THIS PLAN. PRIOR TO DIGGING SEE DEMOLITION PLAN FOR ALL EXISTING UTILITIES.



**EDMUND S. 'ED' COY PARKING STRUCTURE OFFSITE IMPROVEMENTS**

**PLAN AND PROFILE HUNTER AND SAN JOAQUIN STREETS**

DEPARTMENT OF PUBLIC WORKS  
CITY OF STOCKTON, CALIFORNIA

SCALE: 1"=20'H 1"=2' V	APPROVED BY: DATE	SHEET NO.
DESIGNED BY: GE	7/10/05	C-5
DRAWN BY: GE		OF 11 SHEETS
CHECKED BY: AJL		C.O.S. JOB NO.
F. B. NO.:		
DWG. FILE: G-6---		



**BENCH MARK:**  
BENCH MARK NO. 27 TOP OF "R" IN COREY ON TOP OF FIRE HYDRANT AT THE SOUTHWEST CORNER OF WEBER AVENUE AND SAN JOAQUIN STREET.  
(MARCH 1992 DATUM) ELEVATION = 14.27 FT

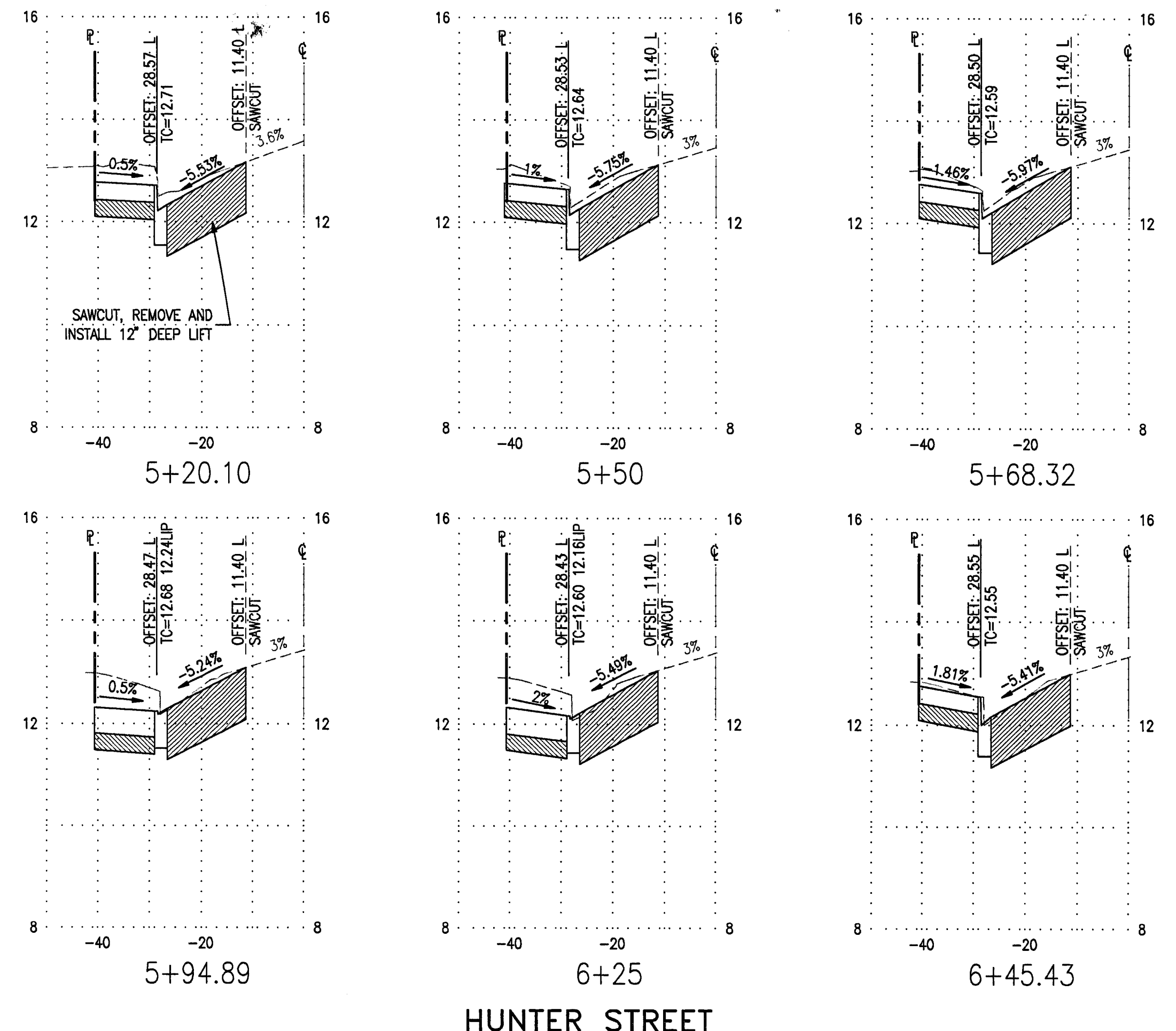
REVISIONS				
NO.	DESCRIPTION	DATE	BY	APPROV. BY
1	SHOW LOCATION OF EXISTING GAS LINE	3-21-06	SK	



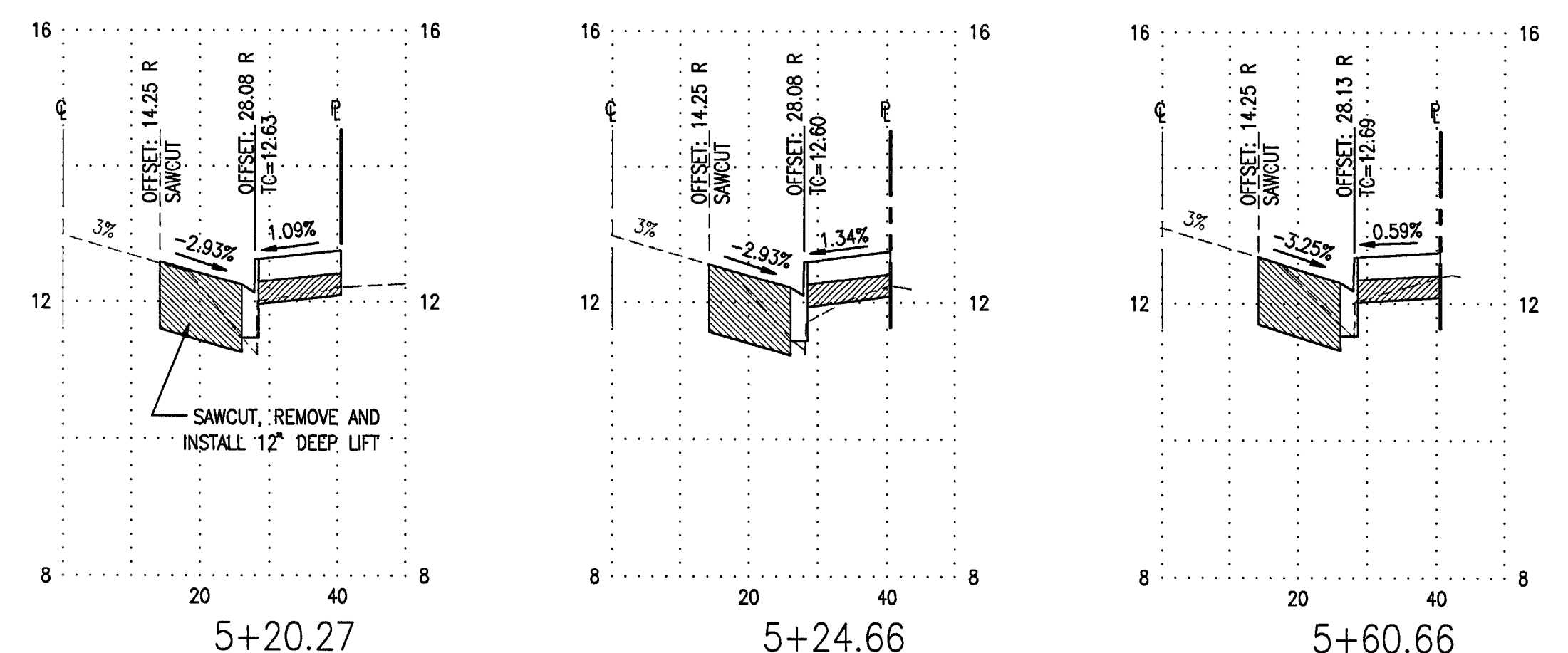
**SIEGFRIED ENGINEERING, INC.**  
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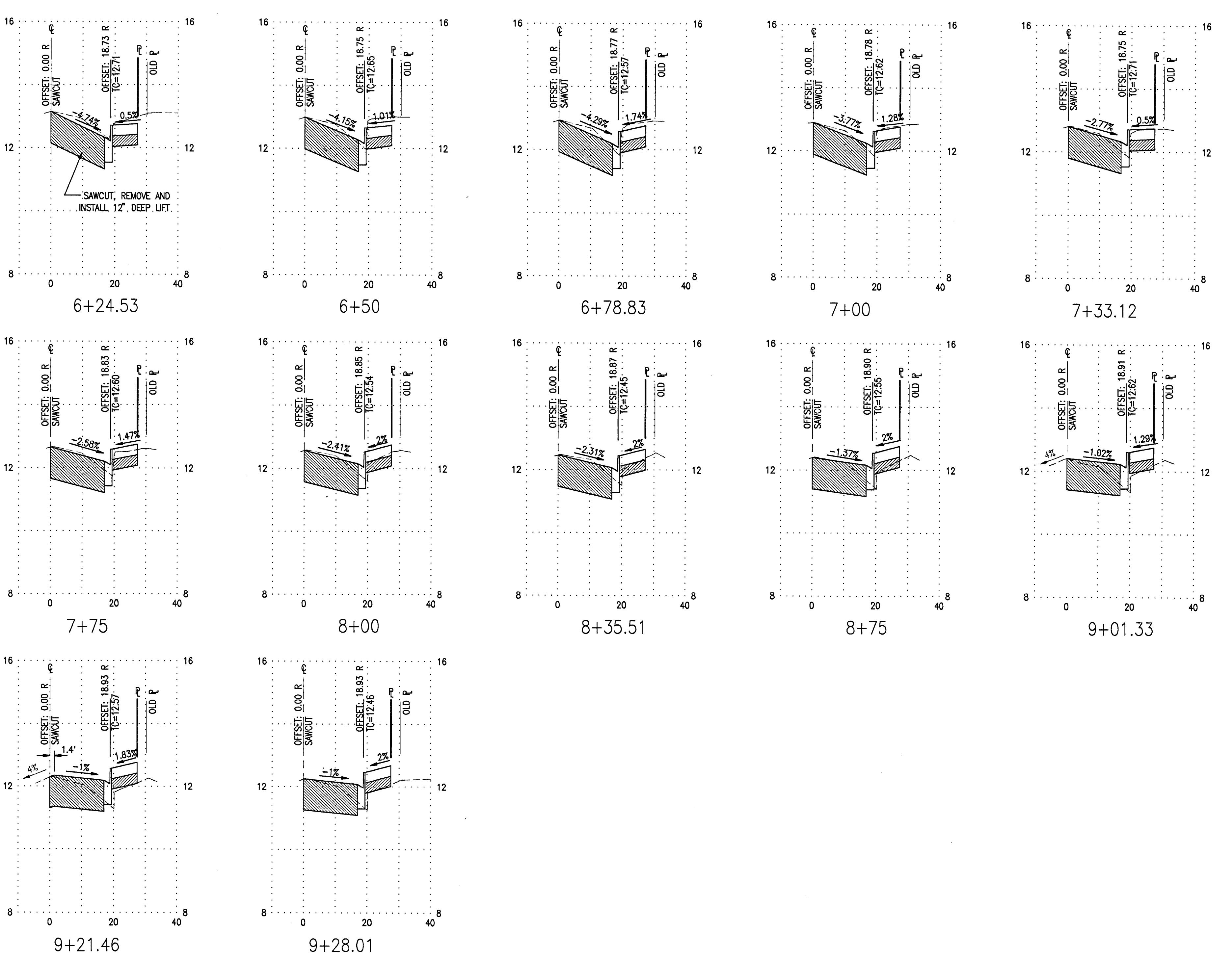
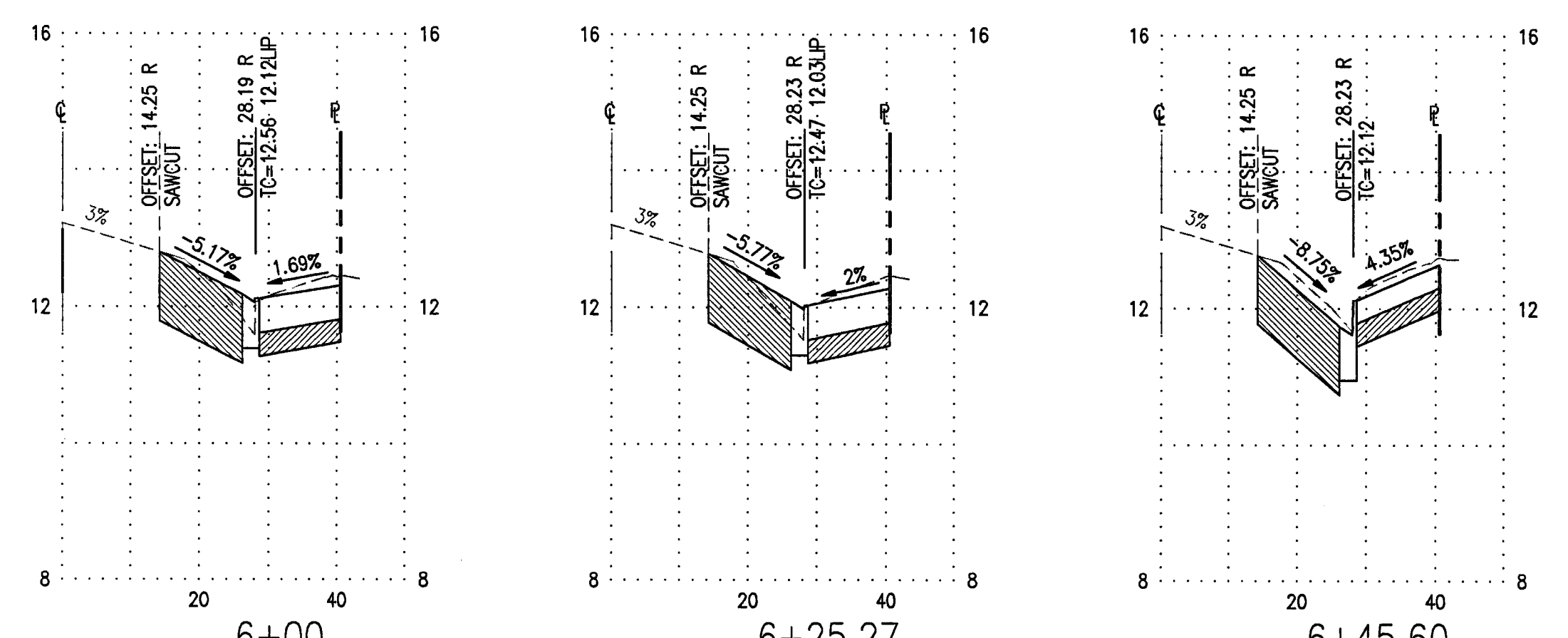
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HUNTER STREET



SAN JOAQUIN STREET



CHANNEL STREET

**BENCH MARK:**  
 BENCH MARK NO. 27 TOP OF "R" IN COREY ON TOP OF FIRE HYDRANT AT THE  
 SOUTHWEST CORNER OF WEBER AVENUE AND SAN JOAQUIN STREET.  
 (MARCH 1992 DATUM) ELEVATION= 14.27 FT

REVISIONS				
NO.	DESCRIPTION	DATE	BY	APP'D. BY

**ENGINEERING, INC.**  
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- Land Surveying
- Structural Engineering
- Planning

**EDMUND S. 'ED' COY PARKING STRUCTURE**  
 OFFSITE IMPROVEMENTS  
 CROSS SECTIONS  
 HUNTER, CHANNEL AND SAN JOAQUIN STREETS  
 DEPARTMENT OF PUBLIC WORKS  
 CITY OF STOCKTON, CALIFORNIA

SCALE: 1"=20'H 1"=2'V  
 DESIGNED BY: GE  
 DRAWN BY: GE  
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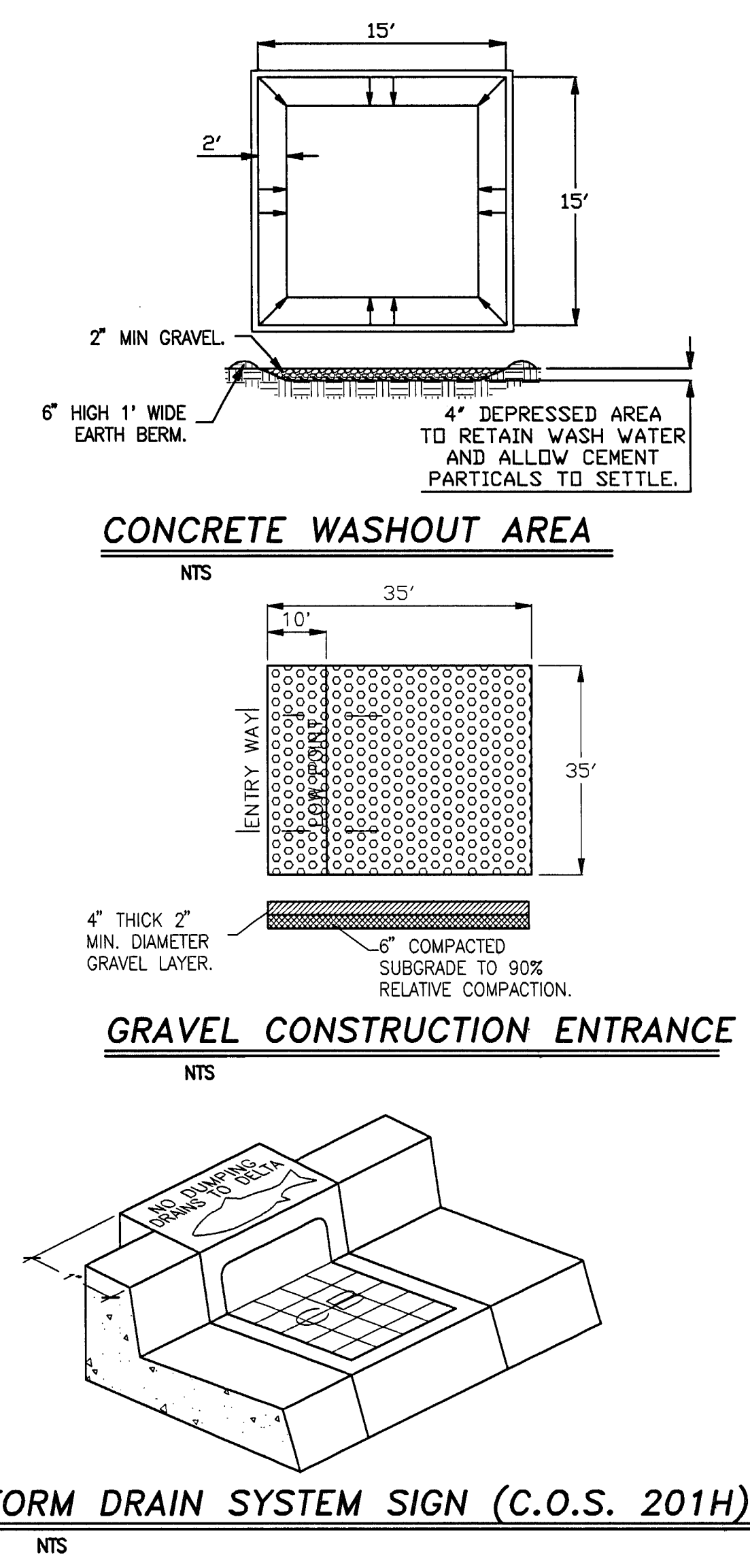
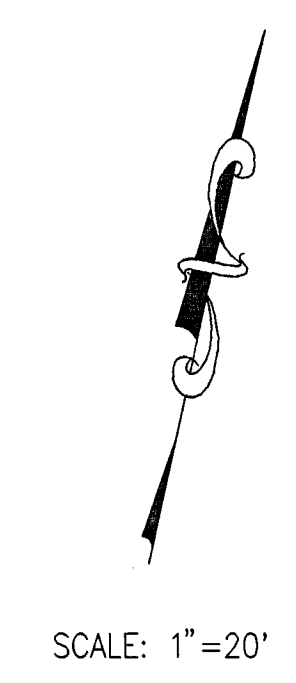
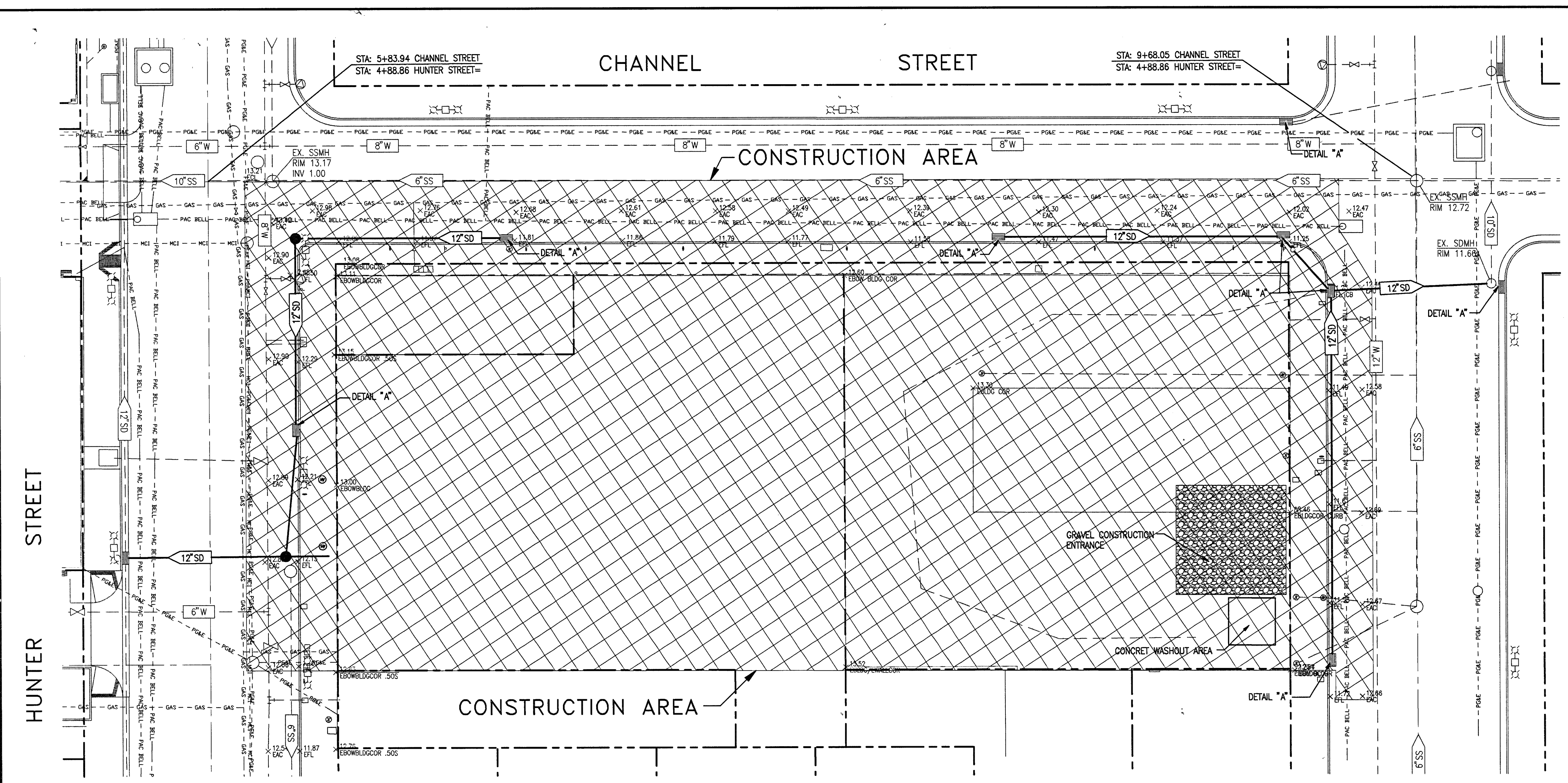
APPROVED BY: DATE  
  
 7/12/05  
 CITY ENGINEER  
 STOCKTON, CALIFORNIA

SHEET NO.  
**C-6**  
 OF 11 SHEETS  
 C.O.S. JOB NO.

4792.5C

4792.5C  
 ED COY PARKING STRUCTURE  
 HUNTER, CHANNEL AND  
 SAN JOAQUIN STREETS  
 SIEGFRIED ENGR. JULY 13, 2005





**EROSION CONTROL CONSTRUCTION NOTES**

- BMP CA2: PAVING OPERATIONS**
- AVOID PAVING DURING WET WEATHER
  - USE DRIP PANS UNDER PAVING EQUIPMENT IF LEAKING OIL OR GREASE
  - DO NOT ALLOW SAND OR GRAVEL PLACED OVER NEW ASPHALT TO WASH INTO CATCH BASINS.
- BMP CA23: CONCRETE WASTE MANAGEMENT**
- PERFORM WASHOUT OF CONCRETE TRUCKS IN DESIGNATED AREAS.
  - DO NOT DUMP EXCESS CONCRETE ONSITE.
  - TRAIN EMPLOYEES AND SUB-CONTRACTORS IN PROPER CONCRETE WASTE MANAGEMENT.
  - CONTAIN CONCRETE WASTE AND DISPOSE OF PROPERLY.
- BMP ESC21: DUST CONTROL**
- USE REQUIRED DUST CONTROL MEASURES DURING CONSTRUCTION ESPECIALLY DURING GRADING OPERATIONS.
- BMP ESC51/52: SAND BAG OR STRAW BALE BARRIERS**
- USE BARRIERS TO TRAP SEDIMENT GOING INTO CATCH BASINS AND SEDIMENT THAT COULD POTENTIALLY LEAVE THE SITE.
  - SEE THIS SHEET FOR BARRIER DETAILS.
- ADDITIONAL NOTES**
- CONSTRUCTION OPERATIONS- DUST SHALL BE CONTROLLED. WASTEWATER GENERATED DURING CONSTRUCTION SHALL NOT BE DISCHARGED TO THE STORM DRAIN SYSTEM. THIS INCLUDES WASTE FROM PAINTING, SAWCUTTING, CONCRETE WORK ETC. THE CONTRACTOR SHALL MAKE ARRANGEMENTS TO ELIMINATE DISCHARGES TO THE STORM DRAIN SYSTEM AND, IF NECESSARY, PROVIDE AN AREA FOR ON-SITE WASHING ACTIVITIES DURING CONSTRUCTION. MATERIALS WHICH COULD CONTAMINATE STORM RUNOFF SHALL BE STORED IN AREAS WHICH ARE DESIGNED TO PREVENT EXPOSURE TO RAINFALL AND TO NOT ALLOW STORM WATER TO RUN ONTO THE AREA.
  - PAVEMENT CLEANING- FLUSHING OF STREETS/ PARKING LOTS TO REMOVE DIRT AND CONSTRUCTION DEBRIS IS PROHIBITED UNLESS PROPER SEDIMENT CONTROLS ARE USED. PREFERABLY, AREAS REQUIRING CLEANING SHOULD BE SWEEPED.

**MONITORING PROGRAM FOR POLLUTANTS NOT VISUALLY DETECTABLE IN STORM WATER:**

THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION SHALL CONTACT A QUALIFIED WATER QUALITY TESTING COMPANY AND ESTABLISH AN EMERGENCY TESTING PROCEDURE.

IF A SITE BMP HAS FAILED OR BEEN BREACHED IN ANY WAY THE CONTRACTOR SHALL DO THE FOLLOWING:

- REPAIR THE FAILED/BREACHED BMP IMMEDIATELY AND DETERMINE IF ADDITIONAL BMP'S ARE NECESSARY
- CLEAN UP THE POLLUTANT AND DETERMINE IF THE POLLUTANT HAS REACHED THE STORM WATER SYSTEM. IF IT HAS REACHED THE STORM SYSTEM THE CONTRACTOR SHALL DO THE FOLLOWING:
  - CONTACT THE GENERAL CONTRACTOR'S WATER QUALITY TESTING AGENCY TO COME AND COLLECT THE APPROPRIATE STORM WATER SAMPLES.
  - THE SAMPLES SHALL BE COLLECTED DURING THE FIRST 2 HOURS OF THE SUCCEEDING STORM OR DURING THE EVENT THE FAILURE OCCURRED. THE SAMPLES SHALL BE COLLECTED FROM THE STORM DRAIN THAT IS MOST LIKELY TO RECEIVE THE POLLUTANTS.
  - THE WATER QUALITY TESTING COMPANY SHALL DETERMINE THE SAMPLE SIZE, NUMBER OF SAMPLES, AND COLLECTION TECHNIQUE THAT IS APPROPRIATE FOR THE POLLUTANT THAT HAS POTENTIALLY REACHED THE STORM SYSTEM BASED ON THE PROCEDURES SET FORTH IN 40 CFR PART 136. THE FOLLOWING ARE EXAMPLES OF SOME BUT NOT ALL POLLUTANTS THAT ARE TYPICALLY FOUND IN INFRASTRUCTURE CONSTRUCTION MATERIALS THAT COULD REACH THE STORM SYSTEM: CONCRETE WASH WATER, CONCRETE SAWCUTTING WASTE, BITUMINOUS MATERIAL FROM PAVING OPERATIONS, AND POSSIBLE EQUIPMENT OIL LEAKS.
  - A SUFFICIENTLY LARGE SAMPLE OF STORM WATER THAT HAS NOT COME IN CONTACT WITH THE DISTURBED SOIL OR THE MATERIALS STORED OR USED ON-SITE (UNCONTAMINATED SAMPLE) SHALL BE COLLECTED FOR COMPARISON WITH THE DISCHARGE SAMPLE. THE UNCONTAMINATED SAMPLE SHALL BE COMPARED TO THE SAMPLES OF DISCHARGE USING FIELD ANALYSIS OR THROUGH LABORATORY ANALYSIS. ANALYSES MAY INCLUDE, BUT ARE NOT LIMITED TO, INDICATOR PARAMETERS SUCH AS: PH, SPECIFIC CONDUCTANCE, DISSOLVED OXYGEN, CONDUCTIVITY, SALINITY, AND TDS.
  - FOR LABORATORY ANALYSIS, ALL SAMPLING, SAMPLE PRESERVATION, AND ANALYSES MUST BE CONDUCTED ACCORDING TO TEST PROCEDURES UNDER 40 CFR PART 136.
  - DURING THE COLLECTION, TESTING, AND REPORTING PHASES OF THE EVENT PROPER CHAIN OF CUSTODY (COC) FORMS SHALL BE USED AND THIS INFORMATION SHALL BE KEPT IN THE SWPPP ONSITE AT ALL TIMES.
  - THE SAMPLES SHALL BE TESTED FOR CONSTITUENTS THAT ARE LIKELY TO BE FOUND IN THE POLLUTANT THAT MAY HAVE REACHED THE STORM SYSTEM. THE CONSTITUENTS THAT ARE TO BE OF CONCERN ARE THOSE THAT ARE LIKELY TO IMPACT THE TERMINAL WATER BODY. THIS INFORMATION CAN BE FOUND ON THE IMPACTED WATERWAY CHARTS PUBLISHED BY THE REGIONAL WATER QUALITY CONTROL BOARD.
  - LEVELS THAT EXCEED STATE HEALTH MAXIMUMS, OR IF IMPACTED CONSTITUENTS ARE PRESENT IN THE SAMPLE, CONTACT CITY OF STOCKTON MUNICIPAL UTILITIES, STORM WATER DIVISION.

**GENERAL SAMPLING NOTES:**

CONSTRUCTION MATERIALS AND COMPOUNDS THAT ARE NOT STORED IN WATER-TIGHT CONTAINERS UNDER A WATER-TIGHT ROOF OR INSIDE A BUILDING ARE EXAMPLES OF MATERIALS FOR WHICH THE DISCHARGE MAY HAVE TO IMPLEMENT SAMPLING AND ANALYSIS PROCEDURES IF ACCIDENTALLY DISCHARGED. THE GOAL OF THE SAMPLING AND ANALYSIS IS TO DETERMINE WHETHER THE BMP'S EMPLOYED AND MAINTAINED ON-SITE ARE EFFECTIVE IN PREVENTING THE POTENTIAL POLLUTANTS FROM COMING IN CONTACT WITH STORM WATER AND CAUSING OR CONTRIBUTING TO AN EXCEEDANCE OF WATER QUALITY OBJECTIVES IN THE RECEIVING WATERS. VISUAL OBSERVATIONS BEFORE, DURING, AND AFTER STORM EVENTS MAY TRIGGER THE REQUIREMENT TO COLLECT SAMPLES. ANY BREACH, MALFUNCTION, LEAKAGE, OR SPILL OBSERVED WHICH COULD RESULT IN THE DISCHARGE OF POLLUTANTS TO SURFACE WATERS THAT WOULD NOT BE VISUALLY DETECTABLE IN STORM WATER SHALL TRIGGER THE COLLECTION OF A SAMPLE OF DISCHARGE. SAMPLES SHALL BE COLLECTED AT ALL DISCHARGE LOCATIONS WHICH DRAIN THE AREAS IDENTIFIED BY THE VISUAL OBSERVATIONS AND WHICH CAN BE SAFELY ACCESSED. FOR SITES WHERE SAMPLING AND ANALYSIS IS REQUIRED, PERSONNEL TRAINED IN WATER QUALITY SAMPLING PROCEDURES SHALL COLLECT STORM WATER SAMPLES.

**EROSION CONTROL GENERAL NOTES**

THE FOLLOWING PLANS ARE ACCURATE FOR EROSION CONTROL PURPOSES ONLY. THE CONTRACTOR SHALL FOLLOW THESE PLANS UNLESS FIELD CONDITIONS DICTATE MODIFICATION. IF MODIFICATION IS NECESSARY, A SWPPP AMENDMENT MUST BE DONE. THIS MAY REQUIRE MODIFICATION TO THESE DRAWINGS AND ENGINEER CONCURRENCE.

SANDBAGS SHALL BE WOVEN GEOTEXTILE FABRIC. CONSTRUCT ON GENTLY SLOPING STREETS WHERE WATER CAN POND AND ALLOW SEDIMENT TO SEPARATE OUT OF SUSPENSION. LEAVE A GAP OF ONE BAG IN THE MIDDLE OF THE TOP ROW OF BAGS TO SERVE AS THE SPILLWAY. SPILLWAY HEIGHT SHALL BE LOWER THAN CURB HEIGHT & SUFFICIENT IN SIZE TO PASS FLOWS FROM SEVERE STORM EVENTS. FILL BAG WITH 3/4" DRAIN ROCK OR 1/4" PEA GRAVEL. STACK TWO LAYERS OF SANDBAGS, OVER-LAPPING BAGS AND PACK THEM TIGHTLY TOGETHER TO MINIMIZE THE SPACE BETWEEN BAGS.

INSPECT AND REPAIR FILTERS AFTER EACH STORM EVENT. REMOVE SEDIMENT WHEN 1/2 OF THE FILTER DEPTH HAS BEEN FILLED. REMOVED SEDIMENT SHALL BE DEPOSITED IN AN AREA TRIBUTARY TO A SEDIMENT BASIN OR OTHER FILTERING MEASURE. SEDIMENT AND GRAVEL SHALL BE IMMEDIATELY REMOVED FROM PAVEMENT OF ROAD.

ALTERNATE INLET PROTECTION SHALL BE USED ON ROADS OPEN TO THE PUBLIC IF ANY HAZARDOUS MATERIALS OR WASTES WHICH HAVE BEEN TREATED, STORED, DISPOSED, SPILLED, OR LEAKED IN SIGNIFICANT QUANTITIES ONTO THE CONSTRUCTION SITE, THE CONTRACTOR SHALL BE RESPONSIBLE TO REMOVE THEM FROM THE SITE AND DISPOSE OF PROPERLY.

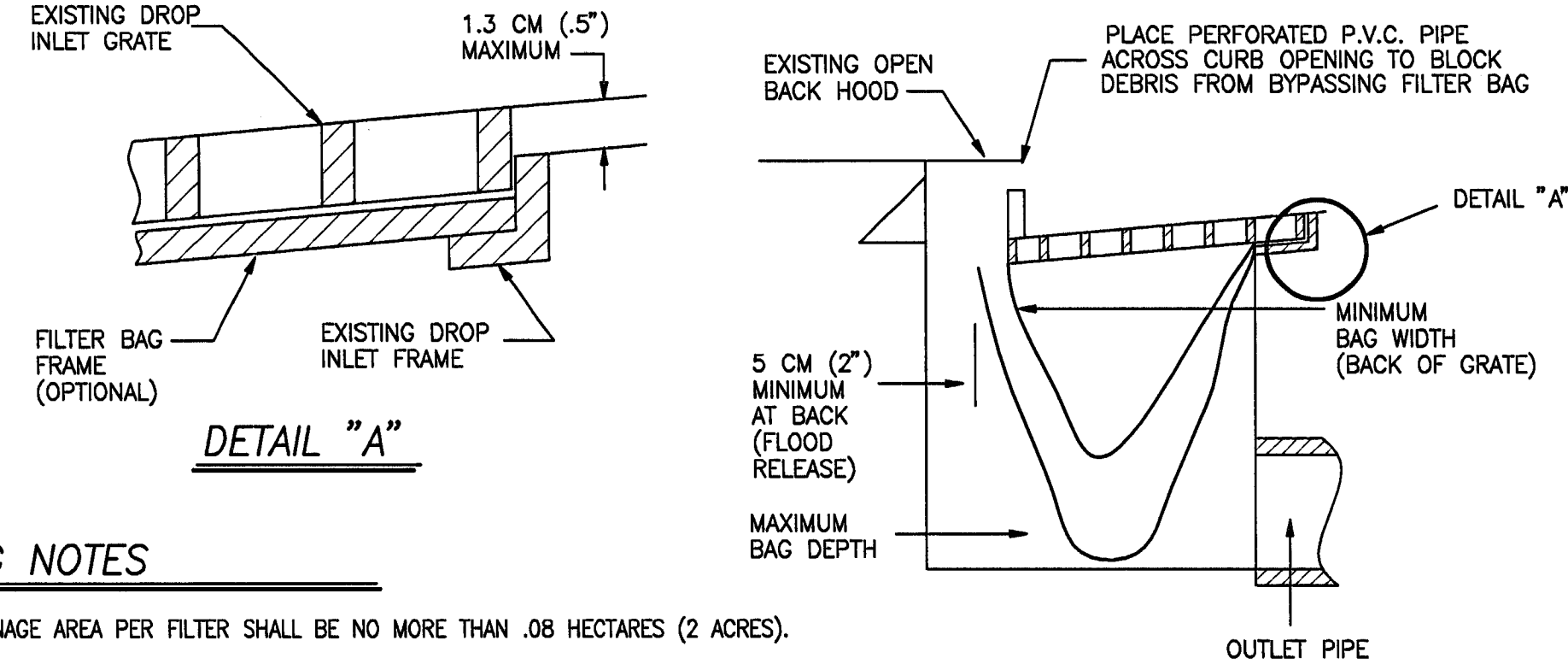
POTENTIAL NON-STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION SITE INCLUDE RUNOFF FROM VEHICLE/MACHINERY WASHING, CONCRETE TRUCK WASH WATER, SAW-CUT SLURRY, HIGHLY CHLORINATED PIPE FLUSHING WATER, AND OTHER PROCESS WATER DISCHARGES MAY BE DISPOSED THIS WATER INTO THE SANITARY SEWER SYSTEM UPON APPROVAL OF THE CITY OF STOCKTON MUNICIPAL UTILITY DEPARTMENT.

CHLORINATED OR DECHLORINATED WATER SHALL NOT BE DISCHARGED INTO THE STORM DRAIN SYSTEM. THE CONTRACTOR MAY DISPOSE THIS WATER INTO THE SANITARY SEWER SYSTEM UPON APPROVAL OF THE CITY OF STOCKTON MUNICIPAL UTILITY DEPARTMENT.

THE CONTRACTOR SHALL IMPLEMENT THE BEST AVAILABLE TECHNOLOGY ECONOMICALLY FEASIBLE AND THE BEST CONVENTIONAL POLLUTANT CONTROL TECHNOLOGY TO REDUCE OR ELIMINATE STORM WATER POLLUTION.

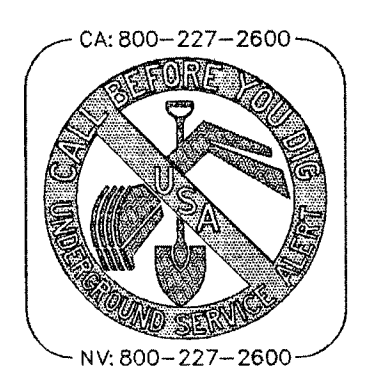
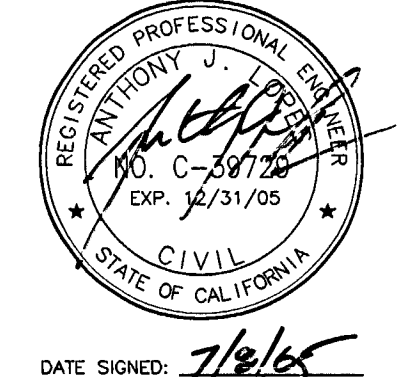
THE CONTRACTOR SHALL KEEP MAINTENANCE, INSPECTION, AND REPAIR PROCEDURES TO ENSURE THAT ALL GRADED SURFACES, WALLS, BERMS, DRAINAGE STRUCTURES, VEGETATION, EROSION AND SEDIMENT CONTROL MEASURES, AND OTHER CONTROLS ARE MAINTAINED IN GOOD AND EFFECTIVE CONDITION AND ARE PROMPTLY REPAIRED OR RESTORED WHEN NECESSARY. ANY DEWATERING WATER SHALL NOT BE DISCHARGED DIRECTLY INTO THE STORM WATER SYSTEM, AND SHALL NOT BE DISCHARGED INTO THE SEWER SYSTEM.

ALL DEWATERING WATER MUST BE CHANNLED THROUGH AN APPROVED SEDIMENT BARRIER PRIOR TO THE WATER ENTERING THE STORM SYSTEM.



**DETAIL A: CATCH BASIN SEDIMENT PROTECTION**

- THE MAXIMUM DRAINAGE AREA PER FILTER SHALL BE NO MORE THAN .08 HECTARES (2 ACRES).
- THE FILTER BAG SHALL BE MANUFACTURED FROM UV RESISTANT POLYPROPYLENE NYLON, POLYESTER, OR ETHYLENE FABRIC WITH A MINIMUM TENSILE STRENGTH OF 50 LBS PER LINEAL FOOT. AN EQUIVALENT OPENING SIZE NOT GREATER THAN A 20 SIEVE AND WITH A MINIMUM FLOW RATE OF 40 GALLON/SQ. FT.
- THE FILTER BAG MAY BE SUSPENDED FROM OR HELD IN PLACE BY EXISTING INLET GRATE (OR OTHER APPROVED METHOD), PROVIDING NO MODIFICATION OR DRAINAGE SHALL BE DONE TO THE INLET GRATE OR FRAME. THE INLET GRATE SHALL NOT BE CAUSED TO REST MORE THAN 1.3 CM (.5) ABOVE THE INLET FRAME (SEE DETAIL A).
- THE FILTER BAG MAY EXTEND TO THE BOTTOM OF THE INLET BOX PROVIDED THE OUTLET PIPE IS UNOBSTRUCTED.
- FLOWS SHALL NOT BE ALLOWED TO BYPASS THE BAG. THE BAG OR ITS FRAME SHALL CATCH FLOWS AT ALL SIDES OF THE INLET EXCEPT AS SHOWN FOR FLOOD RELEASE.
- INLET FILTER BAGS SHALL BE INSPECTED WEEKLY AND AFTER EACH RAINFALL DURING THE WET SEASON AND MONTHLY DURING THE DRY SEASON. SEDIMENT AND DEBRIS SHALL BE REMOVED BEFORE ACCUMULATIONS HAVE REACHED ONE THIRD THE DEPTH OF THE BAG. BAGS SHALL BE REPAIRED OR REPLACED AS SOON AS DAMAGE OCCURS.



REVISIONS				
NO.	DESCRIPTION	DATE	BY	APP'D. BY

**EROSION CONTROL PLAN FOR INFRASTRUCTURE ONLY**

**SIEGFRIED ENGINEERING, INC.**  
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 209 943-2021 • FAX: 209 942-0214 • E-Mail: mail@siegfriedeng.com

- Civil Engineering
- Land Surveying
- Structural Engineering
- Planning

**EDMUND S. 'ED' COY PARKING STRUCTURE OFFSITE IMPROVEMENTS**

STORMWATER POLLUTION PREVENTION PLAN

DEPARTMENT OF PUBLIC WORKS  
CITY OF STOCKTON, CALIFORNIA

SCALE: 1"=20'

DESIGNED BY: GE  
DRAWN BY: GE  
CHECKED BY: AJL  
F. B. NO.:  
DWG. FILE: G-6---

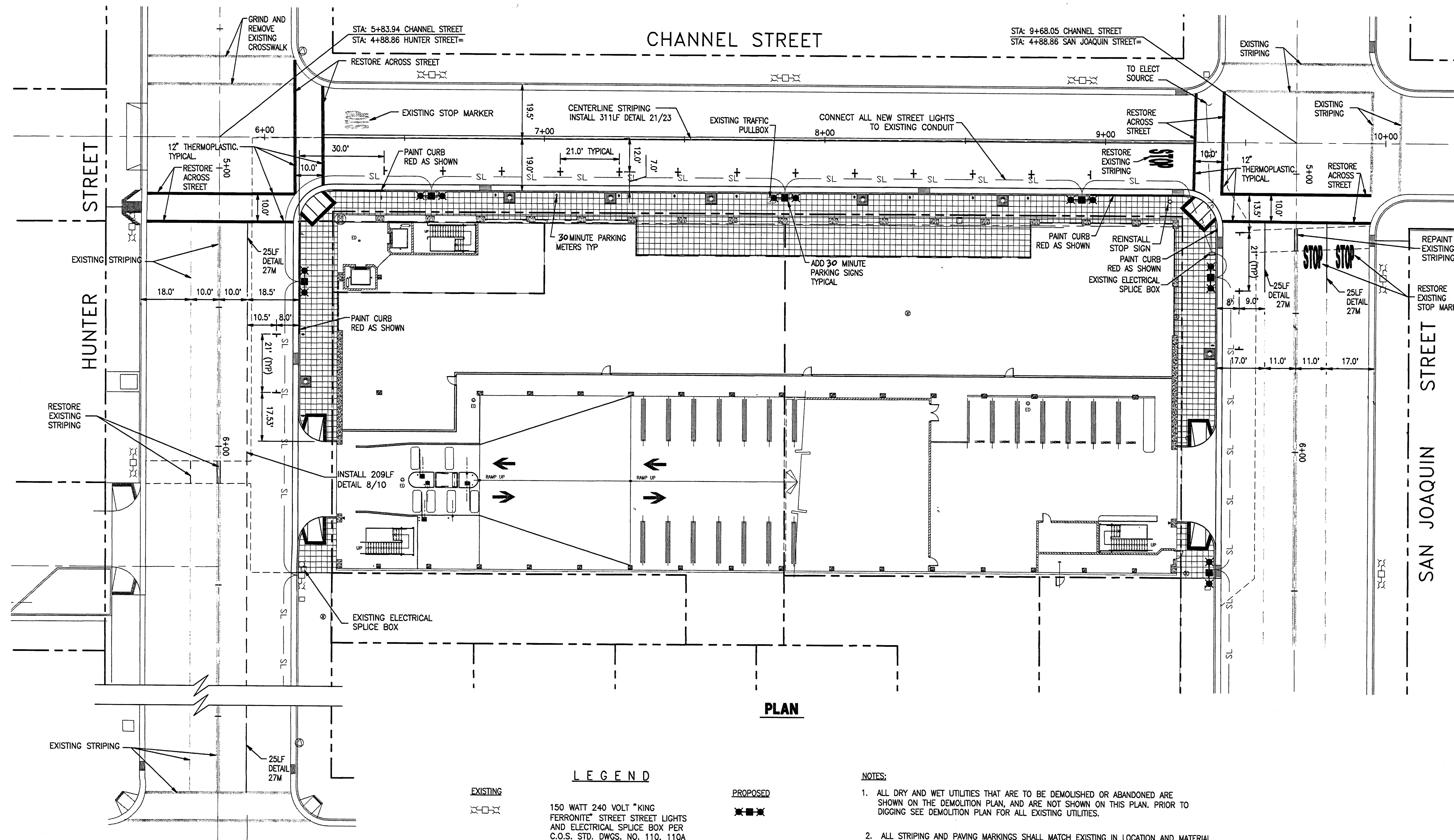
APPROVED BY: DATE: 7/13/05

SHEET NO. C-7  
OF 11 SHEETS  
C.O.S. JOB NO.

4792.6C

4792.6C  
 ED' COY PARKING STRUCTURE  
 IMPROVEMENT PLANS  
 HUNTER/CHANNEL/SAN JOAQUIN  
 SIEGFRIED ENGR. JULY 13, 2005





PLAN

LEGEND

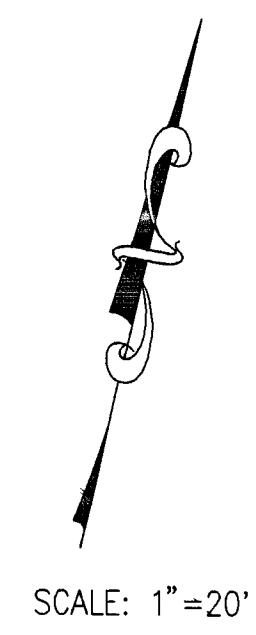
- EXISTING**  

 150 WATT 240 VOLT "KING FERRONITE" STREET STREET LIGHTS AND ELECTRICAL SPLICE BOX PER C.O.S. STD. DWGS. NO. 110, 110A AND 111.
- PROPOSED**  

 1 1/2" CONDUIT W/ 2-#8 WIRE W/GROUND (600V)

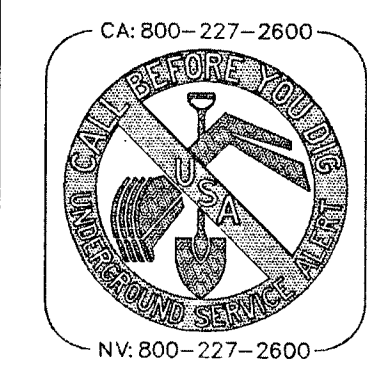
NOTES

- ALL DRY AND WET UTILITIES THAT ARE TO BE DEMOLISHED OR ABANDONED ARE SHOWN ON THE DEMOLITION PLAN, AND ARE NOT SHOWN ON THIS PLAN. PRIOR TO DIGGING SEE DEMOLITION PLAN FOR ALL EXISTING UTILITIES.
- ALL STRIPING AND PAVING MARKINGS SHALL MATCH EXISTING IN LOCATION AND MATERIAL, AND SHALL BE IN ACCORDANCE WITH MUTCD STANDARDS.



WEBER AVENUE

**BENCH MARK:**  
 BENCH MARK NO. 27 TOP OF "R" IN COREY ON TOP OF FIRE HYDRANT AT THE SOUTHWEST CORNER OF WEBER AVENUE AND SAN JOAQUIN STREET.  
 (MARCH 1992 DATUM) ELEVATION= 14.27 FT



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- Land Surveying
- Structural Engineering
- Planning

**EDMUND S. 'ED' COY PARKING STRUCTURE OFFSITE IMPROVEMENTS**  
**LIGHTING PLAN AND STRIPING PLAN**  
 DEPARTMENT OF PUBLIC WORKS  
 CITY OF STOCKTON, CALIFORNIA

SCALE: 1"=20'H  
 DESIGNED BY: GE  
 DRAWN BY: GE  
 CHECKED BY: AJL  
 F. B. NO.:  
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APPROVED BY: DATE 7/12/05  
  
 CIVIL ENGINEER  
 STOCKTON, CALIFORNIA

SHEET NO. **C-8**  
 OF 11 SHEETS  
 C.O.S. JOB NO.

4792.7C  
 ED COY PARKING STRUCTURE  
 LIGHTING PLAN AND STRIPING PLAN  
 HUNTER/CHANNEL/SAN JOAQUIN  
 SIEGFRIED ENGR. JULY 13, 2005

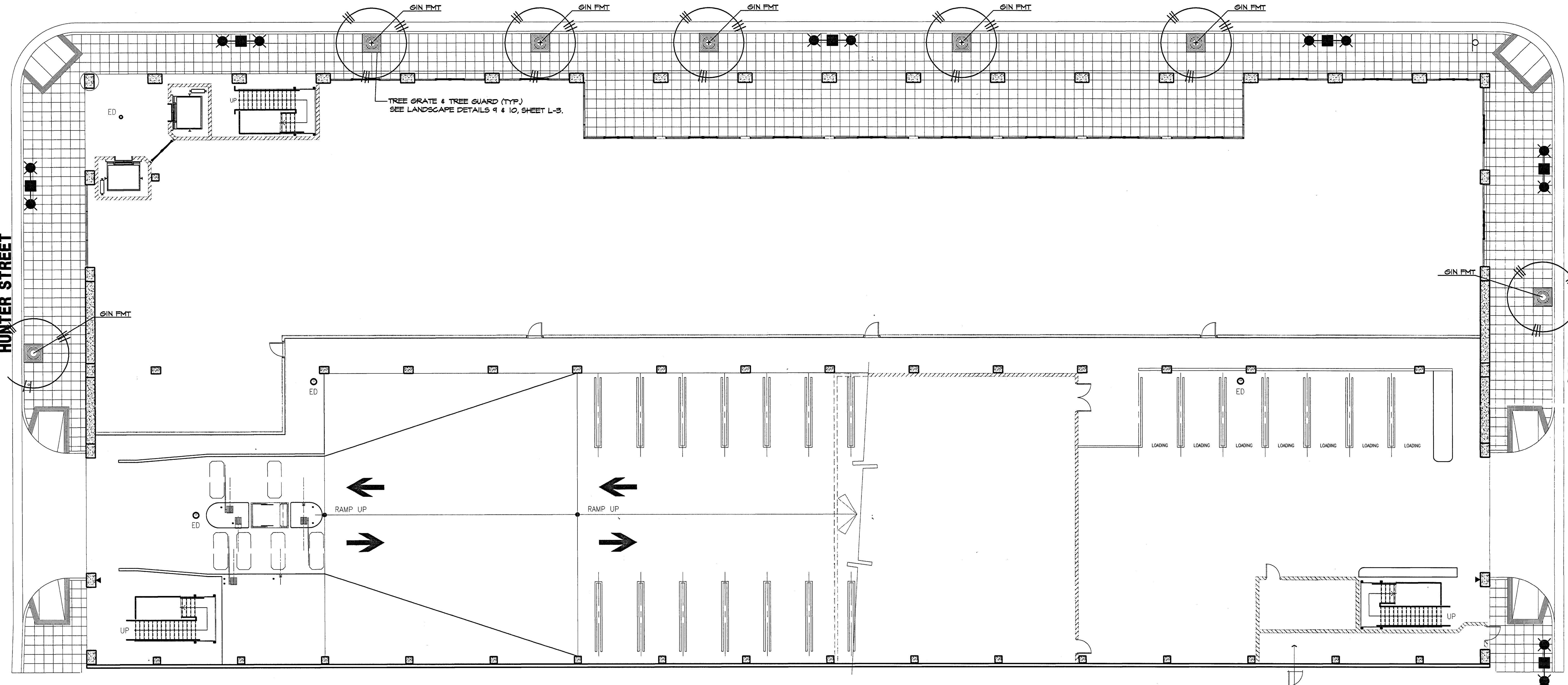
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CHANNEL STREET

HUNTER STREET

SAN JOAQUIN STREET



TREE GRATE & TREE GUARD (TYP.)  
SEE LANDSCAPE DETAILS 9 & 10, SHEET L-3.

RAMP UP

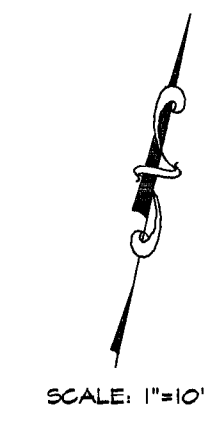
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**PLANTING NOTES**

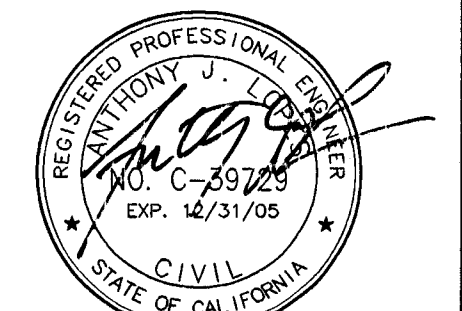
- IF A DISCREPANCY BETWEEN THESE PLANS AND ACTUAL ON-SITE CONDITIONS OCCURS, THE LANDSCAPE CONTRACTOR IS TO NOTIFY THE ENGINEER IMMEDIATELY, BEFORE PROCEEDING WITH HIS WORK, FOR A DECISION.
- ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE LOCAL CODES AND ORDINANCES WHICH APPLY TO THE CITY OF STOCKTON.
- ALL PLANTS BROUGHT ONTO THE SITE SHALL BE WATERED AND PROTECTED FROM EXCESSIVE WIND, SUN, FROST, PHYSICAL DAMAGE AND THEFT UNTIL PLANTED.
- ALL ASPHALT, BASE COURSE AND OTHER DEBRIS ARE TO BE REMOVED COMPLETELY BELOW PLANTING AREAS.
- THE LANDSCAPE CONTRACTOR TO BE RESPONSIBLE FOR OBTAINING A SOILS TEST AND PROVIDING THE APPROPRIATE AMENDMENTS BASED ON THE TEST RESULTS. FOR PURPOSES OF BIDDING, THE FOLLOWING AMENDMENTS WILL BE USED (PER 1000 SQ. FT.):  
-3 YDS. NITROLIZED OR REDWOOD OR FIR BARK COMPOST  
-200 LBS GRO-POWER PLUS  
-40 LBS SYPSUM  
MIX AMENDMENTS TO A DEPTH OF 6" IN TWO DIRECTIONS. FINISH GRADE OF PLANTED AREAS TO BE ONE (1) INCH BELOW PAVING. WATER SOIL THOROUGHLY BEFORE PLANTING.
- ALL PLANTS SHALL BE SET AT SUCH A LEVEL THAT AFTER SETTLING THEY BEAR THE SAME RELATIONSHIP TO THE SURROUNDING FINISH GRADE AS THEY BORE TO THE SOIL LINE GRADE IN THE CONTAINER, UNLESS OTHERWISE NOTED.
- IT SHALL BE THE LANDSCAPE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ADEQUATE DRAINAGE OF ALL PLANTINGS, SUFFICIENT TO INSURE HEALTHY GROWTH.
- ALL SHRUBS AND TREES TO HAVE AGRI-FORM OR EQUAL PLANT-TABS (20-10-5) SET AT MIDPOINT OF BACKFILL. QUANTITY ACCORDING TO MANUFACTURER'S DIRECTIONS.
- TREES ARE TO BE STAKED PER DETAIL.
- INSTALL 2 LF. OF ROOTBARRIER CENTERED ON TREES (MODEL #UB24-2) PER DETAIL, AT TREES.
- THE LANDSCAPE CONTRACTOR SHALL MAINTAIN THE ENTIRE LANDSCAPED AREA OF THIS CONTRACT FOR A MINIMUM OF SIXTY (60) DAYS.
- TREES SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR AFTER THE END OF THE MAINTENANCE PERIOD PROVIDED THAT NORMAL CARE HAS BEEN PROVIDED.
- AN AUTOMATIC IRRIGATION SYSTEM IS TO BE PROVIDED TO WATER ALL PLANTING AREAS. LANDSCAPE CONTRACTOR IS TO PROVIDE ADEQUATE COVERAGE FOR ALL INDICATED PLANTING AREAS PRIOR TO PLANT INSTALLATION.
- PLANT QUANTITIES ARE APPROXIMATE ONLY. CONTRACTOR VERIFY QUANTITIES.
- ALL TREE WELLS LOCATED ON CHANNEL STREET TO BE COVERED WITH A 2" MINIMUM LAYER OF BARK MULCH.

**PLANTING LEGEND**

SYMBOL	SIZE	BOTANICAL NAME	COMMON NAME	QTY.
<b>TREES</b>				
GIN FMT	24" BOX	GINKGO BILOBA 'FAIRMOUNT'	MAIDEN HAIR	7



SCALE: 1"=10'



DATE SIGNED: 7/8/05

EDMUND S. 'ED' COY PARKING STRUCTURE  
OFFSITE IMPROVEMENTS  
LANDSCAPE PLANTING PLAN

DEPARTMENT OF PUBLIC WORKS  
CITY OF STOCKTON, CALIFORNIA

SCALE: 1"=10'  
DESIGNED BY: RJN  
DRAWN BY: RJN  
CHECKED BY: AJL  
F. B. NO.:  
DWG. FILE: G-6----

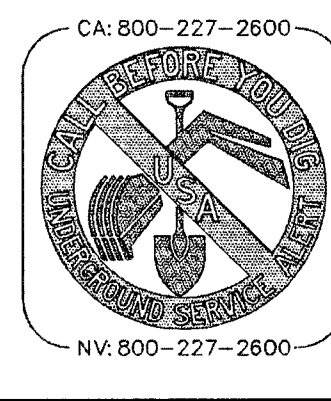
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*[Signature]* 7/8/05

SHEET NO.  
**L-1**  
OF 11 SHEETS  
C.O.S. JOB NO.

REVISIONS				
NO.	DESCRIPTION	DATE	BY	APPROV. BY

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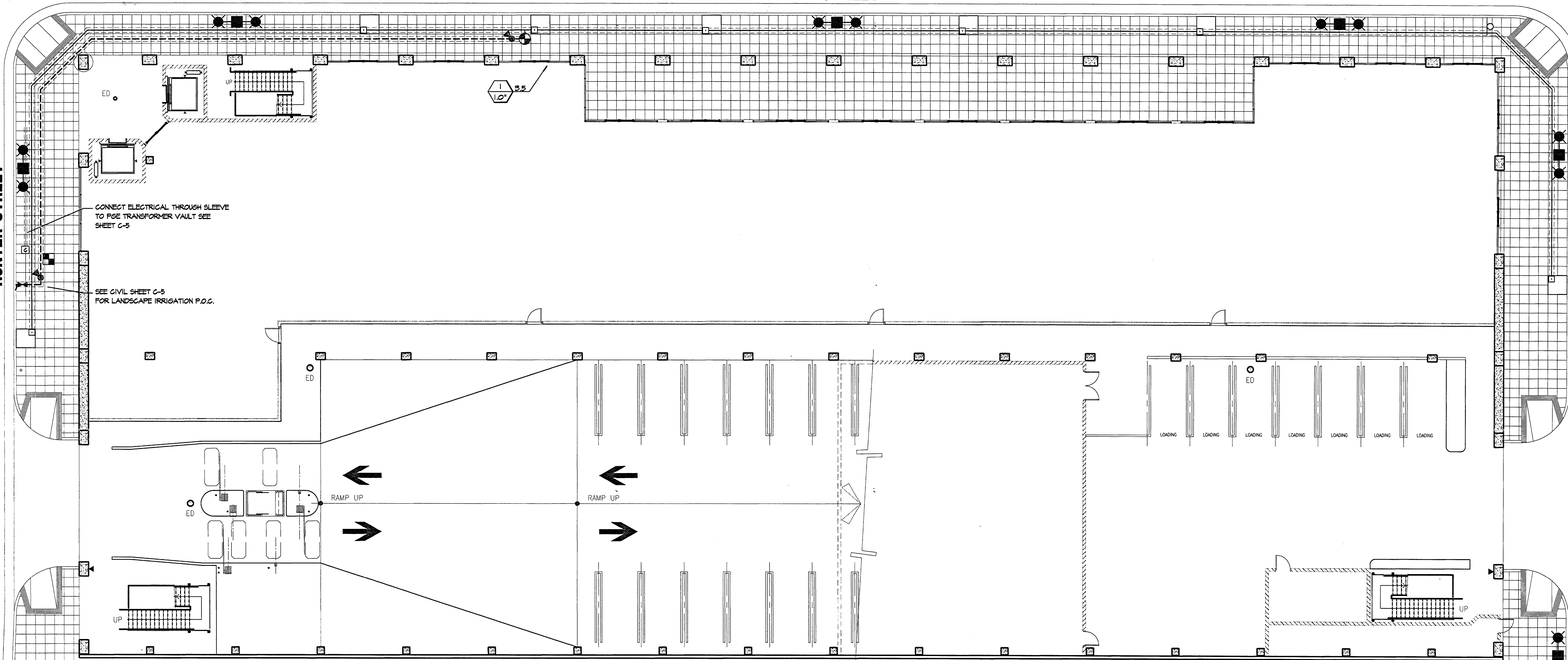
4792.BC PARKING STRUCTURE  
 IMPROVEMENT PLANS  
 HUNTER/HANDEL/SAN JOAQUIN  
 SIEGFRIED ENGR.  
 JULY 13, 2005



CHANNEL STREET

HUNTER STREET

SAN JOAQUIN STREET



IRRIGATION NOTES

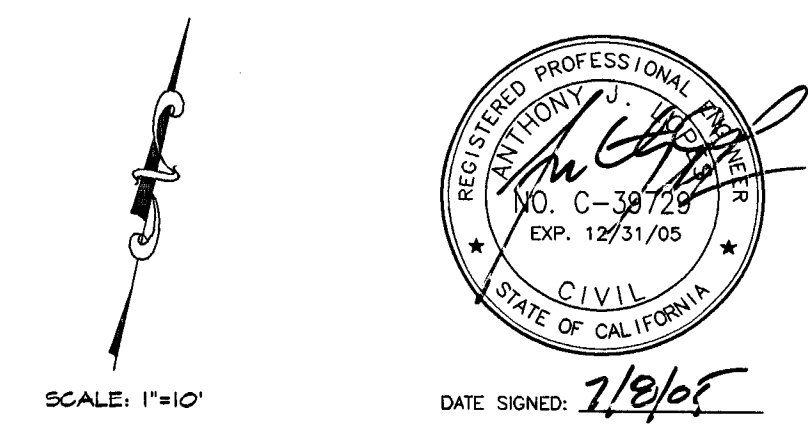
1. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE LOCAL CODES AND ORDINANCES WHICH APPLY TO THE CITY OF STOCKTON. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS.
2. THE SPRINKLER SYSTEM IS DESIGNED TO OPERATE AT 30 PSI. THE CONTRACTOR IS TO PERFORM A STATIC AND DYNAMIC PRESSURE TEST; VERIFY AT LEAST 45 PSI. STATIC AND THEN RECORD THE PRESSURE READING AT 5 GPM. REPORT THE FINDINGS TO THE ENGINEER FOR ANY REASONS NECESSARY. IF CONTRACTOR FAILS TO DO SO, THE CONTRACTOR WILL TAKE FULL RESPONSIBILITY.
3. THE INTENT OF THIS IRRIGATION SYSTEM IS TO PROVIDE THE MINIMUM AMOUNT OF WATER REQUIRED TO SUSTAIN GOOD PLANT HEALTH. LANDSCAPE CONTRACTOR SHALL GUARANTEE 100% COVERAGE OF SYSTEM.
4. 120 VOLT AC ELECTRICAL SERVICE FOR THE CONTROLLER ENCLOSURES TO BE PROVIDED BY THE OWNER. POWER FOR CONTROLLER SHALL BE PROVIDED FROM STREETLIGHT SPLICE BOX. IRRIGATION CONTRACTOR TO MAKE FINAL CONNECTION FROM ELECTRICAL SUB-OUT TO CONTROLLER AND PROVIDE PROPER GROUNDING PER CONTROLLER MANUFACTURER'S INSTRUCTIONS.
5. EACH CONTROLLER SHALL HAVE ITS OWN INDEPENDENT GROUND WIRE. SPLICING OF ANY WIRES WILL NOT BE PERMITTED EXCEPT IN VALVE BOXES. LEAVE A 24" COIL OF EXCESS WIRE AT EACH SPLICE AND 100 FEET ON CENTER ALONG WIRE RUN. TAPE WIRES IN BUNDLES 10 FEET ON CENTER. NO TAPING PERMITTED INSIDE SLEEVES. ALL WIRE SHALL BE UL APPROVED FOR DIRECT BURIAL. COPPER AWG-#6 600 #14 (MIN) USE ONLY PACKAGED APPROVED WIRE CONNECTORS.
6. SPLICING OF 24 VOLT WIRES IS NOT PERMITTED EXCEPT IN VALVE BOXES. LEAVE A 36" LONG, 1" DIAMETER COIL OF EXCESS WIRE AT EACH SPLICE AND 36" LONG EXPANSION LOOP EVERY 100 FEET ALONG WIRE RUN. TAPE WIRE TOGETHER EVERY TEN FEET. TAPING WIRES IS NOT REQUIRED INSIDE SLEEVES. RUN WIRE FROM EACH REMOTE CONTROL VALVE TO THE CONTROLLER. ALL CONTROLLER WIRES TO BE INDEXED AT VALVES AND CONTROLLER.
7. VALVE COVERS AND LIDS TO BE CONCRETE CHRISTY BOXES OR EQUAL. LIDS TO BE T-STYLE NON-HINGED COVERS MARKED IRRIGATION.
8. INSTALL REMOTE CONTROL VALVE BOXES 12" FROM WALK, CURB, LAWN, HEADER BOARD, BUILDING, OR LANDSCAPE FEATURE. AT MULTIPLE VALVE BOX GROUPS, EACH BOX SHALL BE AN EQUAL DISTANCE FROM THE WALK, CURB, LAWN, ETC. AND EACH BOX SHALL BE 12" APART. SHORT SIDE OF RECTANGULAR VALVE BOXES SHALL BE PARALLEL TO WALK, CURB, LAWN, ETC.
9. THIS PLAN IS DIAGRAMMATIC. ALL PIPING, VALVES, ETC. SHOWN WITHIN PAVED AREAS IS FOR DESIGN CLARIFICATION ONLY AND SHALL BE INSTALLED IN PLANTING AREAS WHERE POSSIBLE. AVOID ANY CONFLICTS BETWEEN THE SPRINKLER SYSTEM AND PLANTING AND ARCHITECTURAL FEATURES.
10. THE IRRIGATION CONTRACTOR SHALL FLUSH ALL LINES AND ADJUST ALL HEADS FOR MAXIMUM PERFORMANCE.
11. ALL SPRINKLER HEADS SHALL BE SET PERPENDICULAR TO FINISH GRADE OF THE AREA TO BE IRRIGATED UNLESS OTHERWISE NOTED ON THE DRAWINGS.
12. SEE SPECIFICATIONS FOR COMMON TRENCHING REQUIREMENTS.
13. ALL PVC SLEEVES UNDER PAVEMENT AND ROADWAYS TO BE SCH. 40 OR CLASS 315. SLEEVES TO BE TWICE THE DIAMETER OF PIPE OR WIRE BUNDLE THAT WILL PASS THROUGH SLEEVE. CHANGE ALL RING-TITE PIPE THAT WOULD PASS THROUGH SLEEVES TO CLASS 315 SOLVENT WELD PIPE OF SAME SIZE.
14. INSTALL CHECK VALVES OR IN-HEAD CHECK VALVES TO ELIMINATE LOW HEAD DRAINAGE WHERE NECESSARY.
15. SUBSTITUTION FOR IRRIGATION EQUIPMENT SPECIFIED ON THE PLANS MAY BE DONE ONLY WITH THE APPROVAL OF THE ENGINEER AND THE OWNER'S REPRESENTATIVE.
16. PROVIDE A MINIMUM 18" COVER OVER ALL MAIN LINE PIPING AND 12" OVER ALL LATERAL LINES.

17. THE IRRIGATION CONTRACTOR SHALL NOT WILLFULLY INSTALL THE SYSTEM AS DESIGNED WHEN IT IS OBVIOUS IN THE FIELD THAT OBSTRUCTIONS OR GRADE DIFFERENCES EXIST THAT WERE NOT IDENTIFIED IN THE DRAWINGS. SUCH CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE OR THE ENGINEER. OTHERWISE, THE CONTRACTOR MUST ASSUME FULL RESPONSIBILITY FOR ANY NECESSARY REVISIONS.
18. THE SYSTEM SHALL BE FULLY GUARANTEED FOR A PERIOD OF ONE YEAR. ANY DEFECTIVE MATERIALS OR POOR WORKMANSHIP SHALL BE REPLACED OR CORRECTED BY THE IRRIGATION CONTRACTOR AT NO COST TO THE OWNER. LANDSCAPE CONTRACTOR SHALL MAINTAIN LEVEL TRENCHES (I.E., NOT SETTLING) FOR 365 DAYS AFTER ACCEPTANCE.
19. ALL WIRE CONNECTIONS TO BE MADE IN VALVE BOX WITH WATER TIGHT CONNECTORS PER MANUFACTURER'S DIRECTIONS. WIRE SPLICES SHALL NOT BE PERMITTED UNLESS APPROVED BY THE OWNER'S REPRESENTATIVE OR THE ENGINEER. WIRE SPLICE LOCATIONS MUST BE INDICATED ON 'AS-BUILTS' PER THE SPECIFICATIONS.

20. UPON COMPLETION OF THE JOB, THE LANDSCAPE CONTRACTOR IS TO PROVIDE THE OWNER WITH THE XEROX VELLUM OF THE 'AS-BUILT'.
21. CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO TRENCHING OPERATIONS. CONTACT UNDERGROUND SERVICE ALERT AT (800) 221-2600 AT LEAST 48 HOURS PRIOR TO START OF EXCAVATION / TRENCHING.
22. ALL PIPE 2 1/2" AND SMALLER TO BE SOLVENT WELD AND ALL PIPE 3" AND OVER TO BE RING-TITE.
23. SEE IRRIGATION DETAILS FOR ADDITIONAL INFORMATION.

IRRIGATION LEGEND

- RAINBIRD 1402 PRESSURE COMPENSATING FULL CIRCLE TREE BUBBLER, 30 PSI, 0.50 GPM.
- RAINBIRD FCB REMOTE CONTROL VALVE, SEE PLAN FOR SIZE.
- NIBCO BALL VALVE (ONE AT EACH VALVE MANIFOLD), SIZE PER VALVE SIZE.
- 
- GATE VALVE, LINE SIZE.
- RAINBIRD ESP-8MC-SS 8 STATION STAINLESS STEEL PEDESTAL AUTOMATIC IRRIGATION CONTROLLER.
- 
- SCH. 40 PVC SLEEVE, TWICE THE SIZE OF THE PIPE (CONTRACTOR SHALL ALSO INSTALL A 2\"/>
- SCH. 40 PVC MAINLINE, 1" (W/ 18" COVER), UNLESS NOTED
- 
- 
- 
- REMOTE CONTROL VALVE IDENTIFICATION NUMBER
- REMOTE CONTROL VALVE 6PM
- REMOTE CONTROL VALVE SIZE



EDMUND S. 'ED' COY PARKING STRUCTURE  
OFFSITE IMPROVEMENTS  
LANDSCAPE IRRIGATION PLAN

DEPARTMENT OF PUBLIC WORKS  
CITY OF STOCKTON, CALIFORNIA

SCALE: 1"=10'  
DESIGNED BY: RJN  
DRAWN BY: RJN  
CHECKED BY: AJL  
F. B. NO.:  
DWG. FILE: G-6---

APPROVED BY: DATE: 7/13/05  
CITY ENGINEER  
STOCKTON, CALIFORNIA

SHEET NO. L-2  
OF 11 SHEETS  
C.O.S. JOB NO.

REVISIONS				
NO.	DESCRIPTION	DATE	BY	APPD. BY

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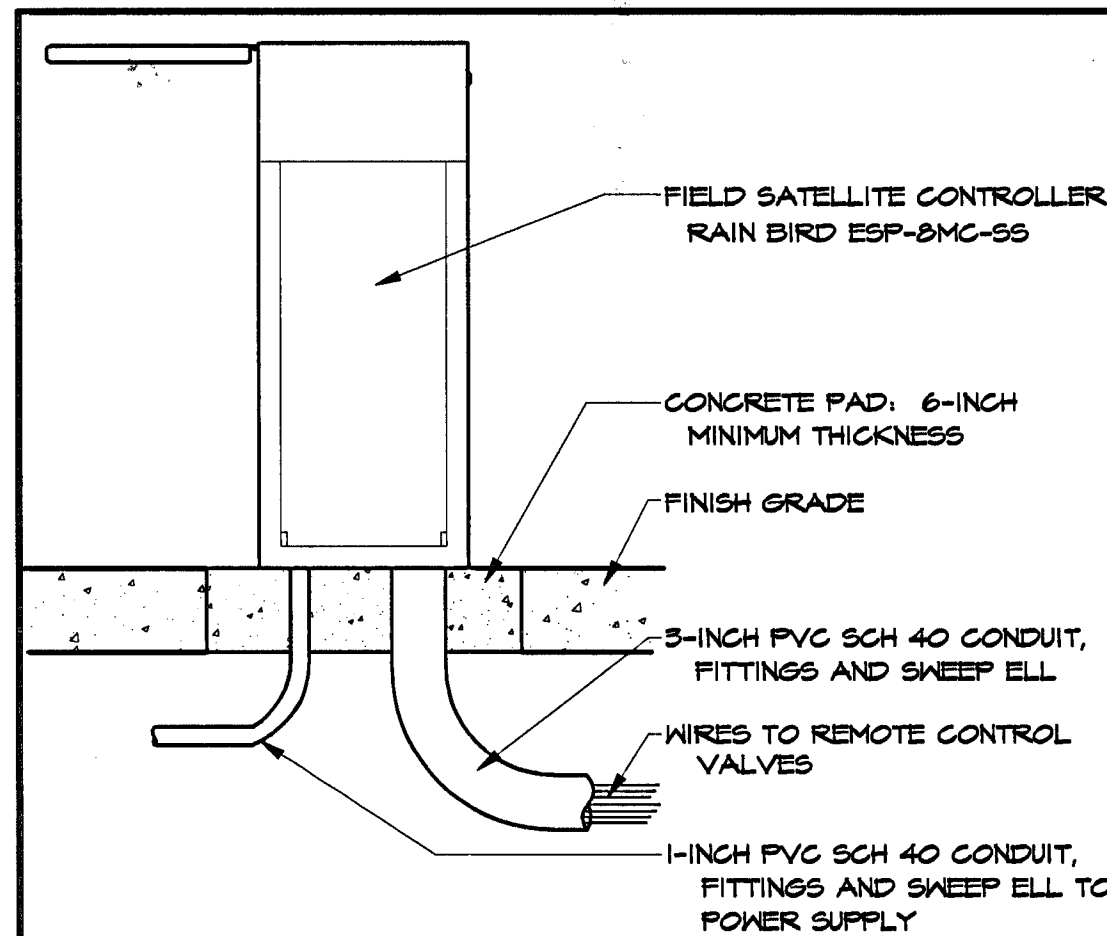
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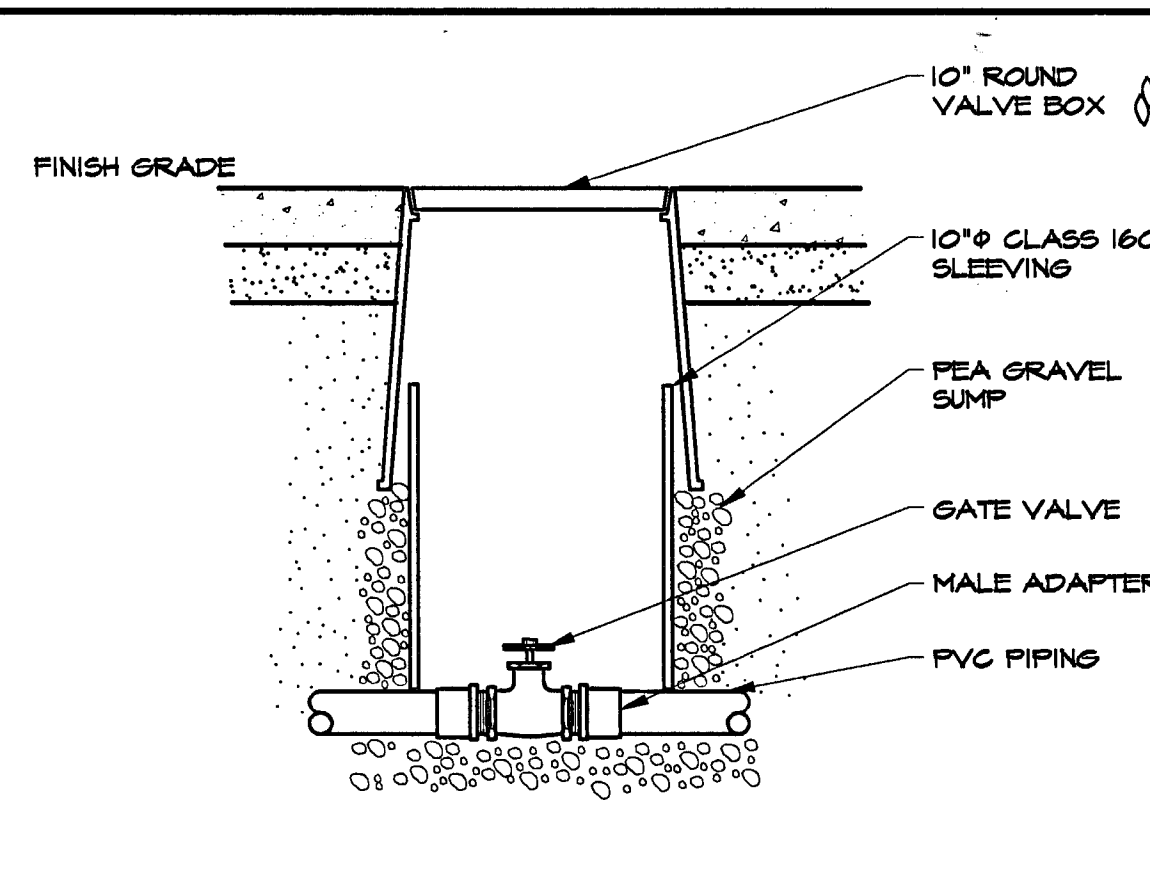
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 IMPROVEMENT PLANS  
 HUNTER/CHANNEL/SAN JOAQUIN  
 SEIGFRIED ENGR.  
 JULY 13, 2005





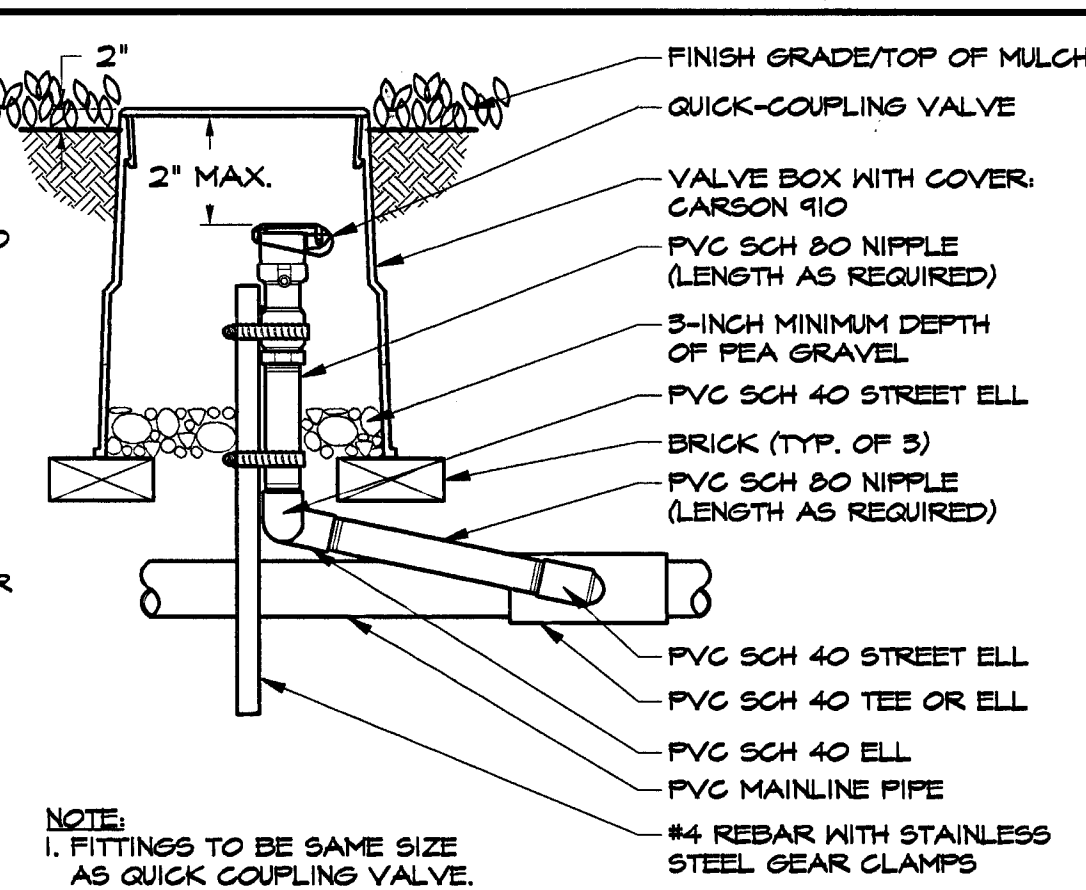
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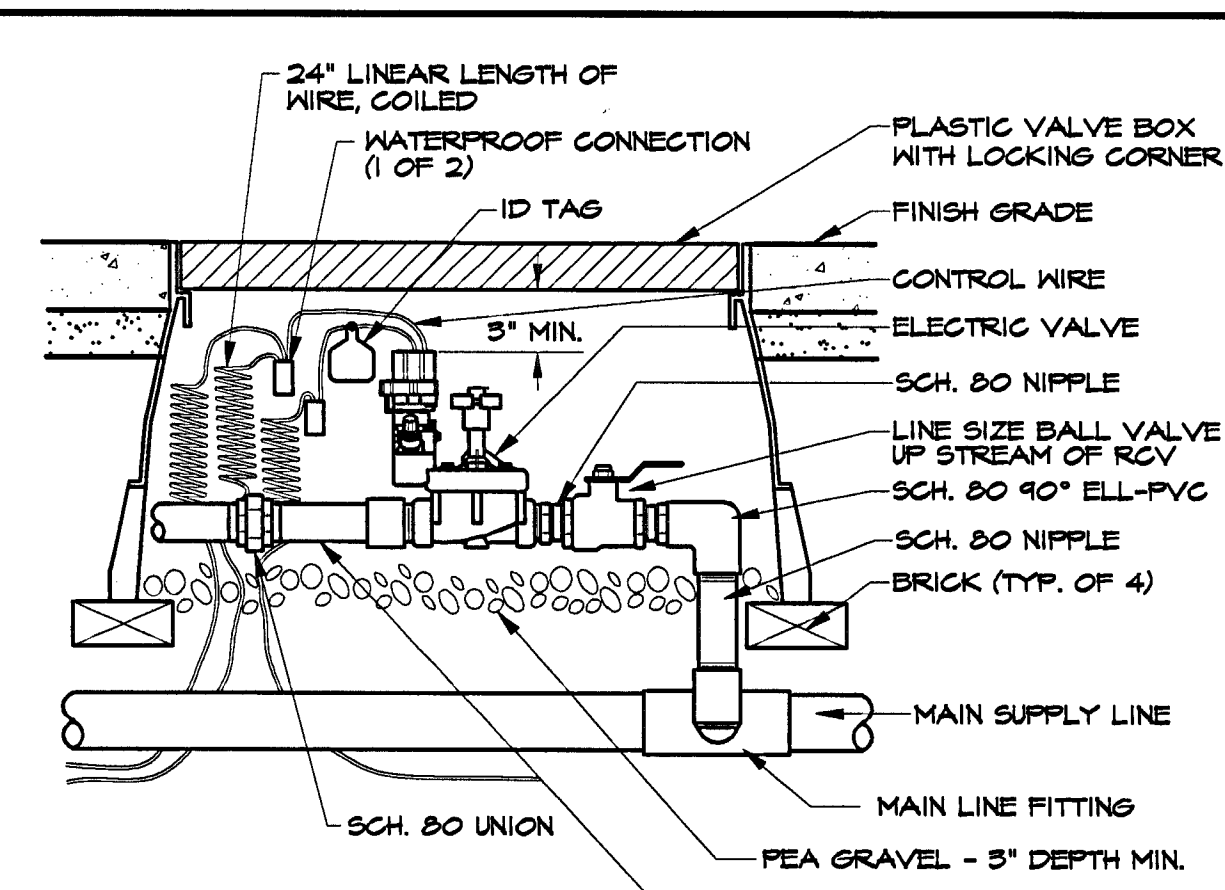
**2 GATE VALVE**

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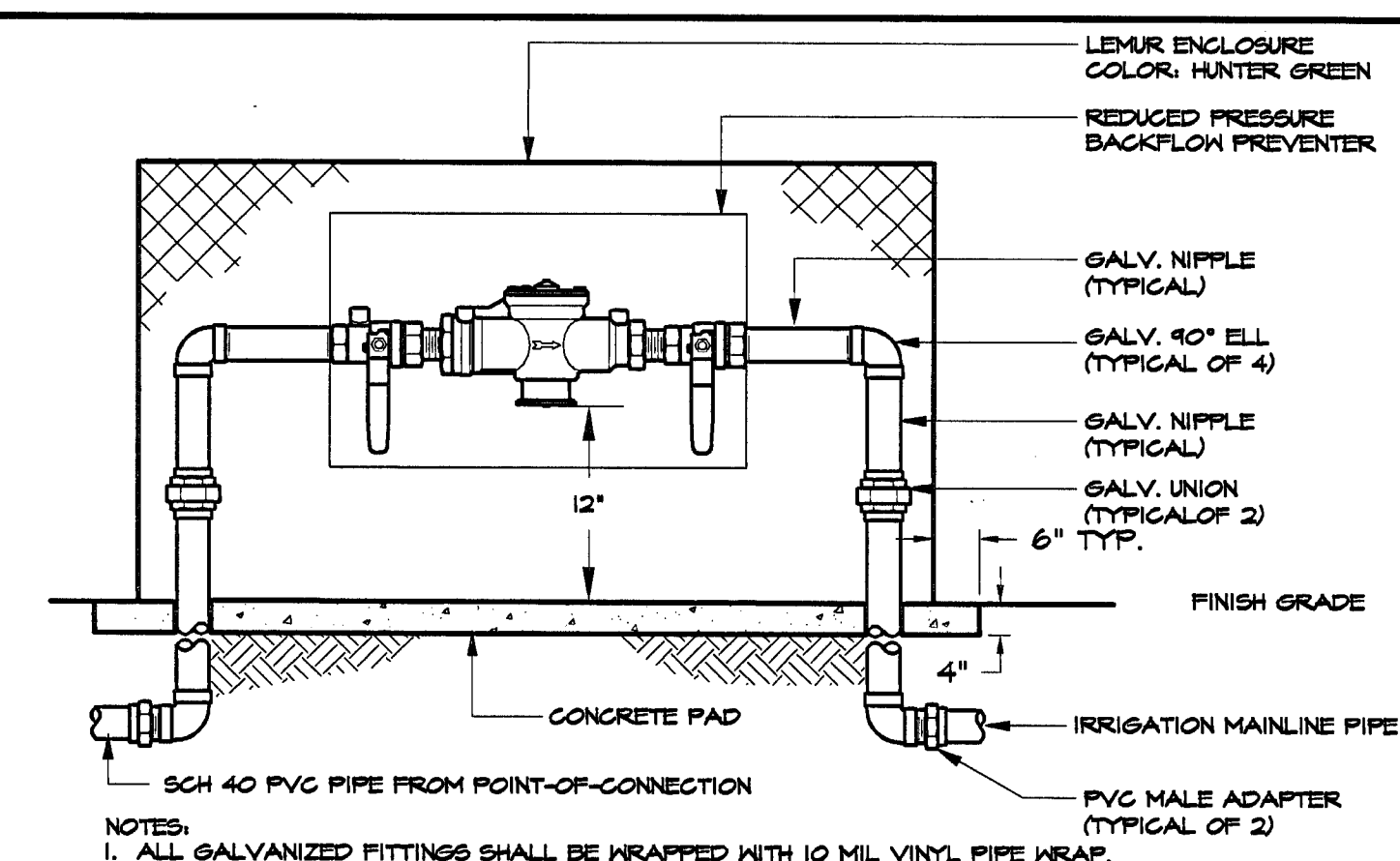
**3 QUICK COUPLER**

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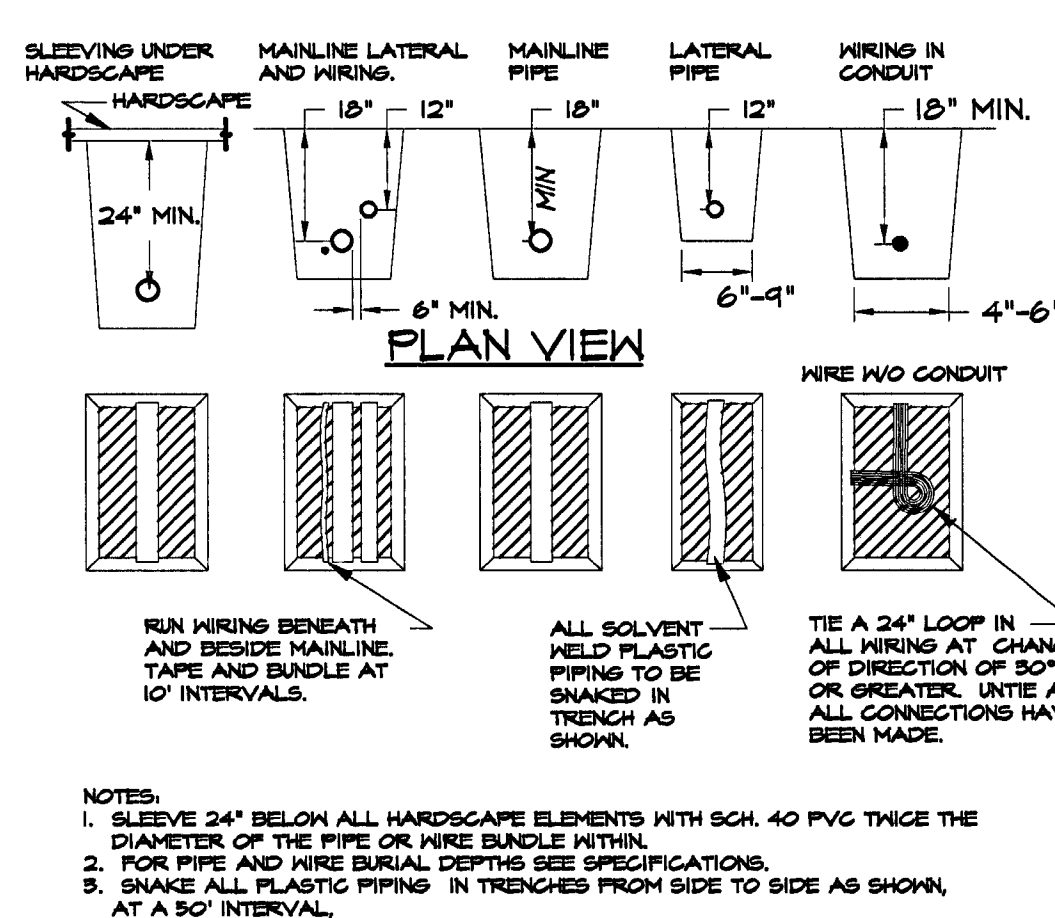
**4 REMOTE CONTROL VALVE**

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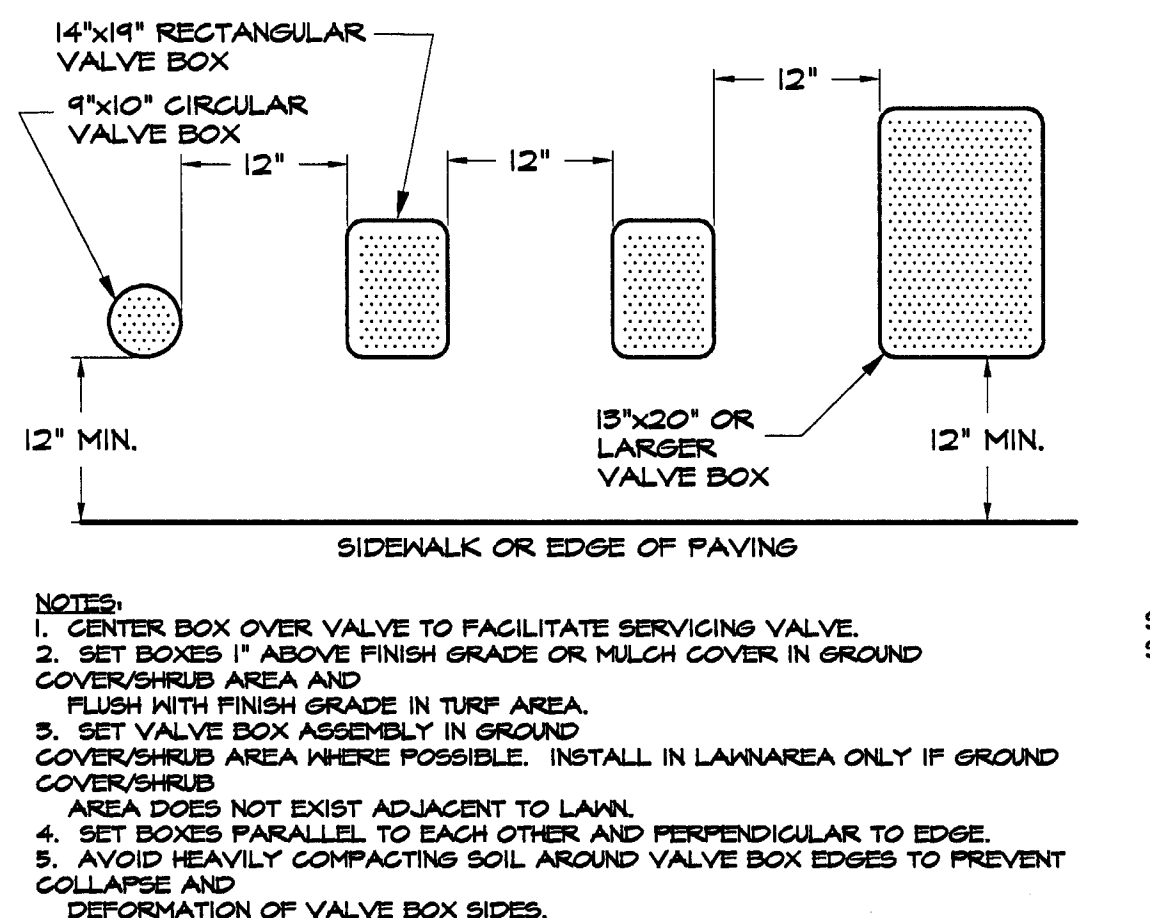
**5 REDUCED PRESSURE BACKFLOW**

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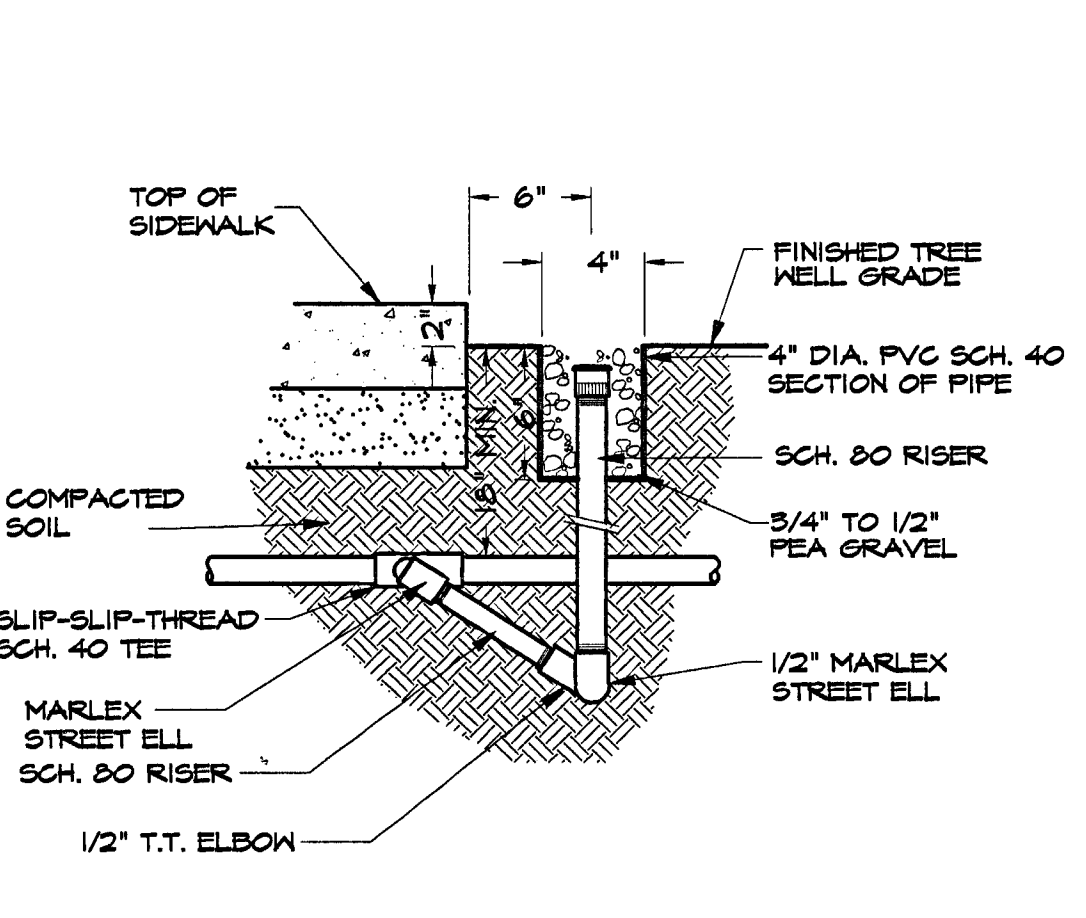
**6 PIPE AND WIRE TRENCHING**

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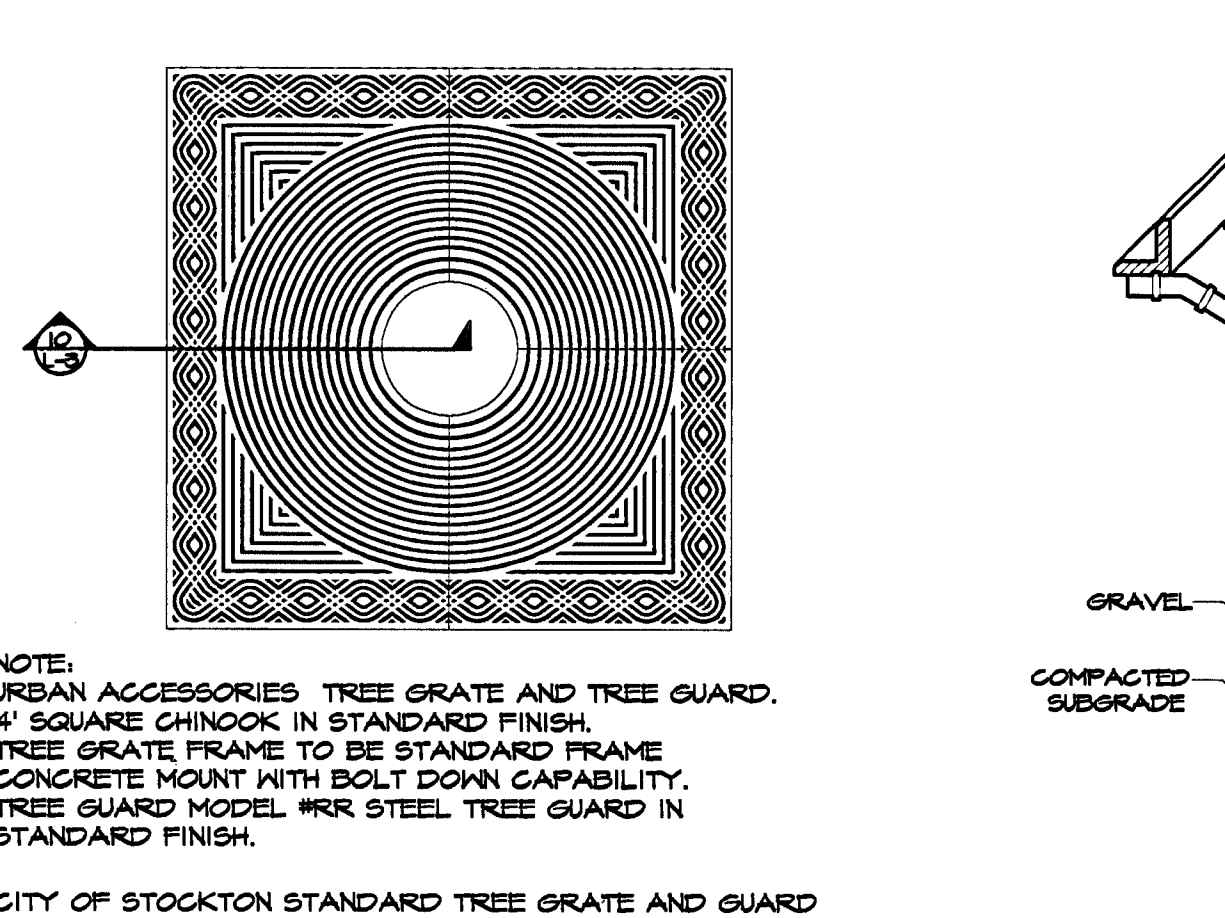
**7 VALVE BOX**

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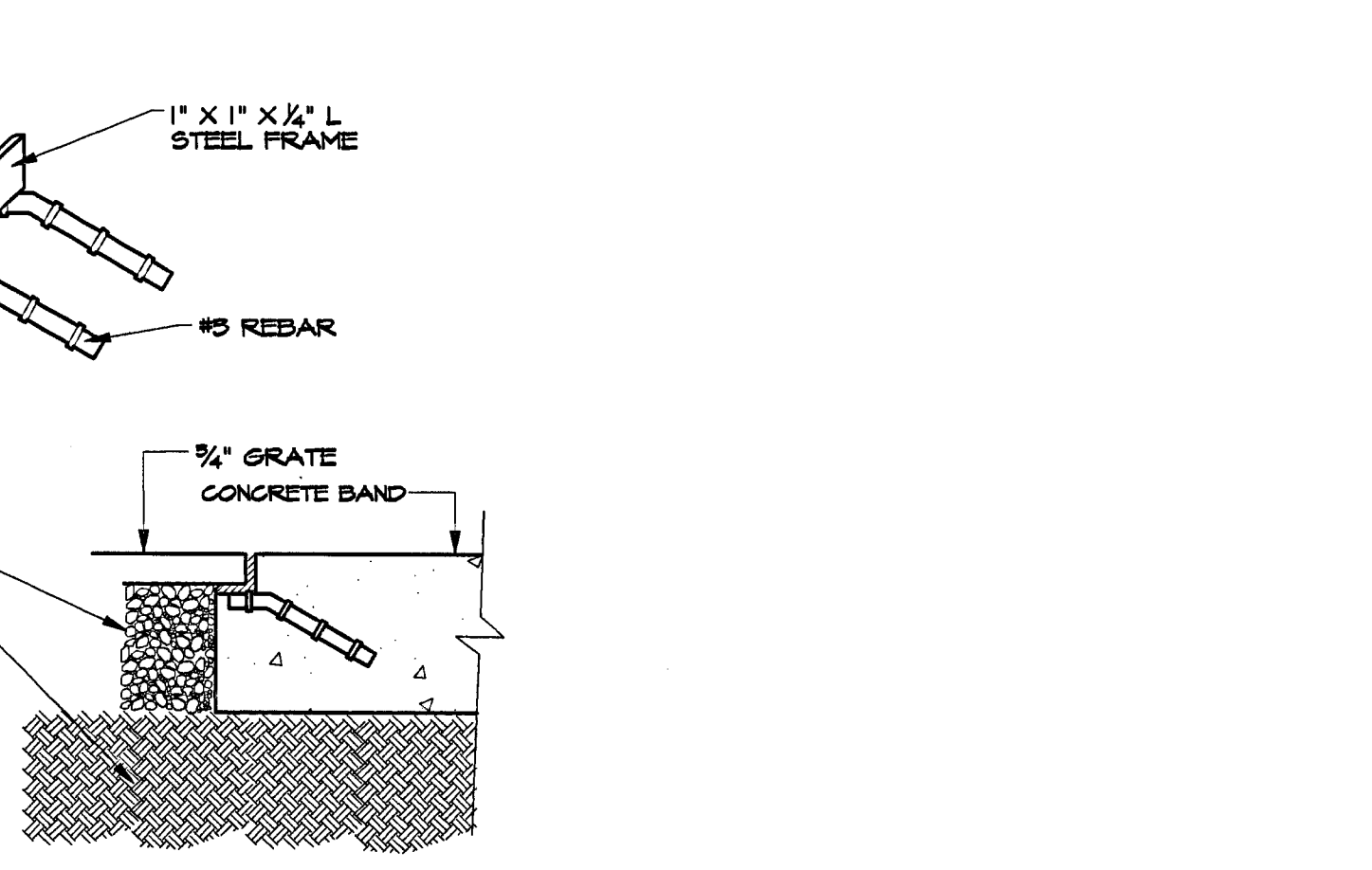
**8 COS TREE BUBBLER**

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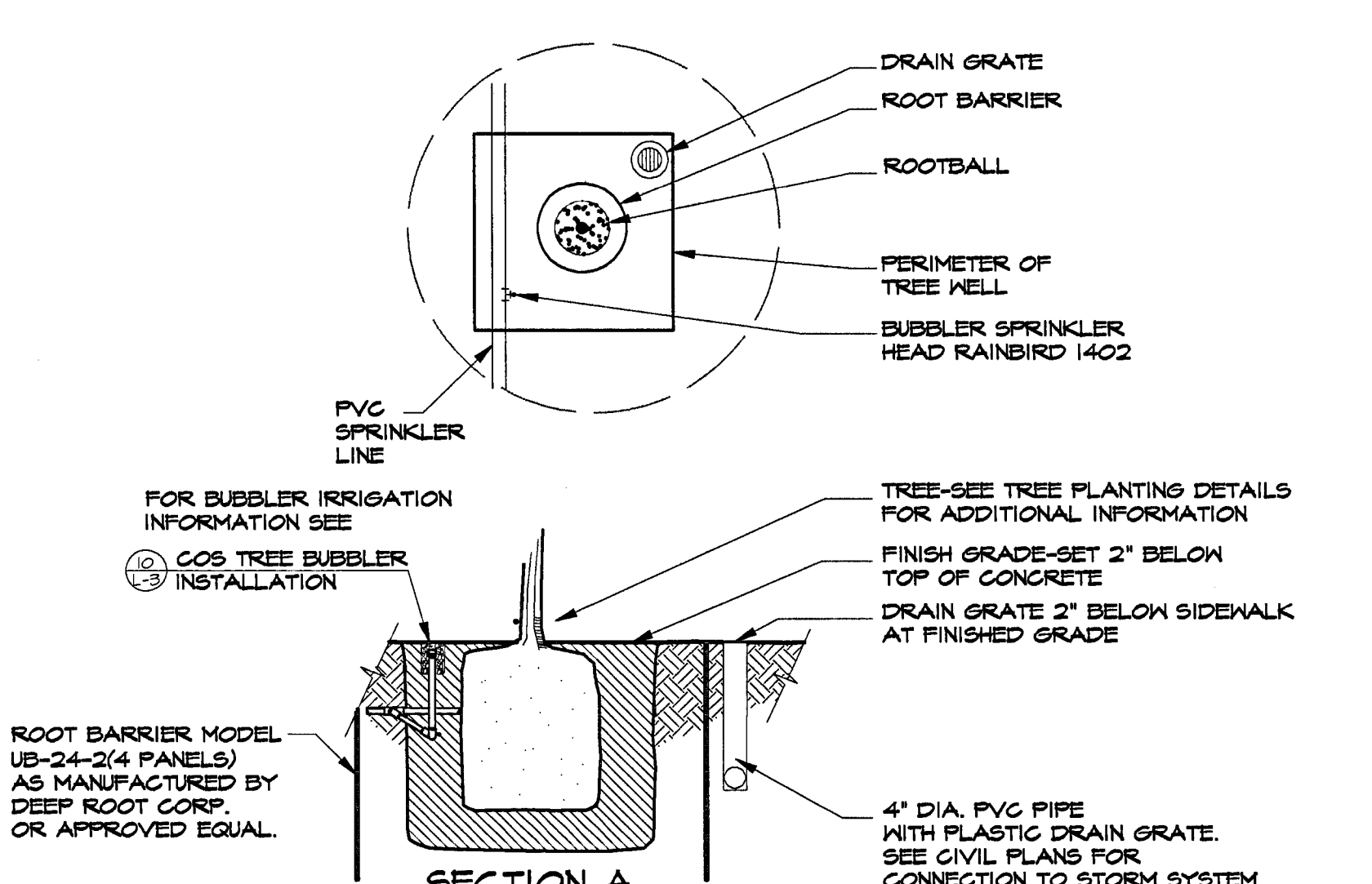
**9 TREE GRATE - PLAN**

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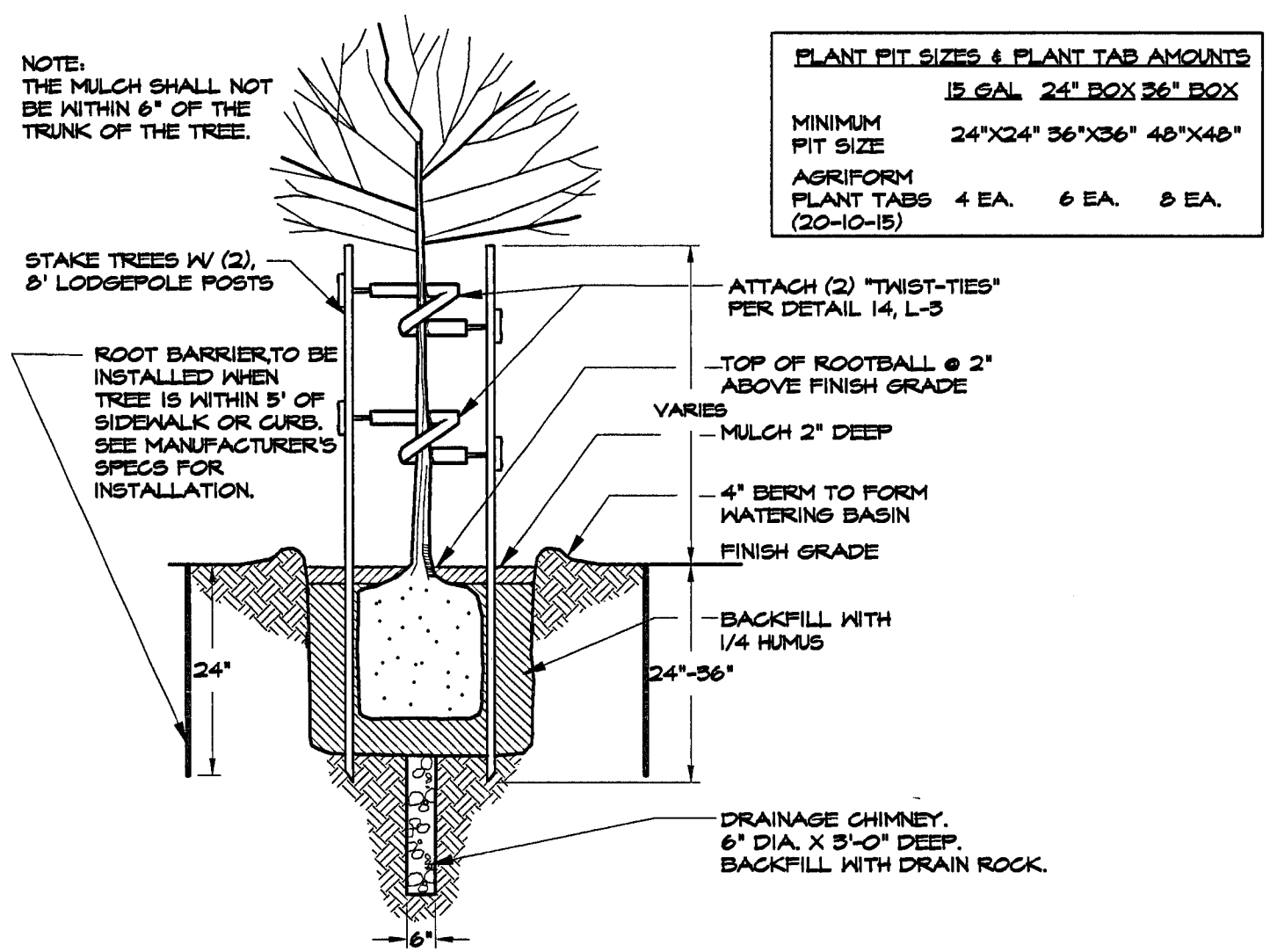
**10 TREE GRATE - SECTION**

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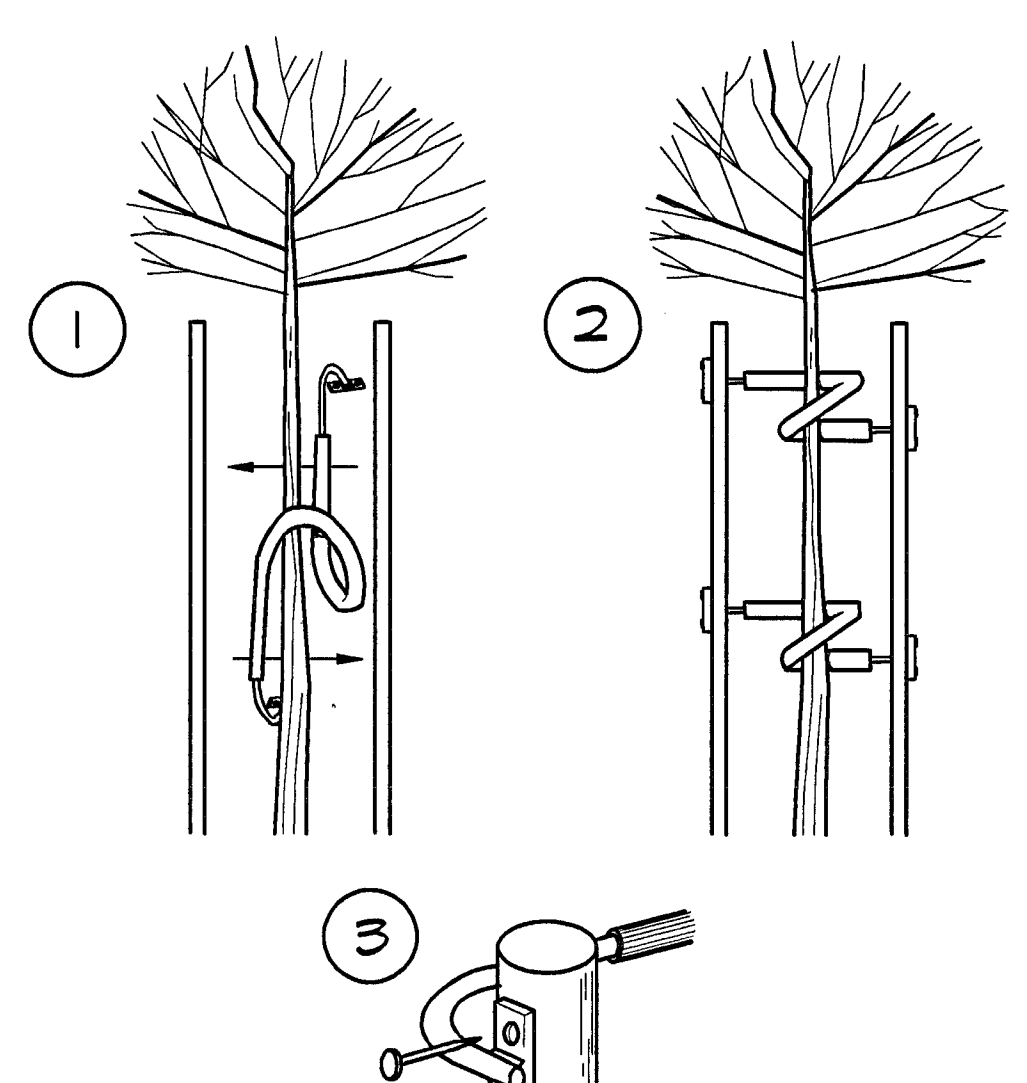
**11 COS - TREE WELL IRRIGATION & DRAINAGE**

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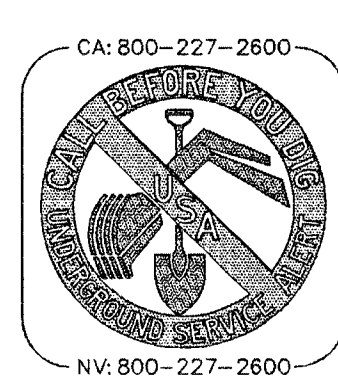
**12 PLANTING & STAKING**

NTS



**13 TREE TIE**

NTS



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**EDMUND S. 'ED' COY PARKING STRUCTURE OFFSITE IMPROVEMENTS**

LANDSCAPE DETAILS

DEPARTMENT OF PUBLIC WORKS  
CITY OF STOCKTON, CALIFORNIA

SCALE: N.T.S. APPROVED BY: DATE: SHEET NO. L-3 OF 11 SHEETS C.O.S. JOB NO.

DESIGNED BY: RJN  
DRAWN BY: RJN  
CHECKED BY: AJL  
F. B. NO.:  
DWG. FILE: G-6

DATE SIGNED: 7/9/05

4792.100 PARKING STRUCTURE IMPROVEMENT PLANS HUNTERCHANNEL/SAN JOAQUIN SEIGRIED ENGR. JULY 13, 2005

4792.100