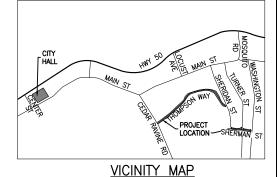
CITY OF PLACERVILLE, CALIFORNIA ENGINEERING DEPARTMENT PROJECT PLANS FOR:

# PHASE 1 - UTILITY PLAN THOMPSON WAY REPAVING PROJECT (CIP #42206) SHERMAN STREET REPAVING PROJECT (CIP #42208)



NO SCALE

# **GEOTECHNICAL ENGINEER** GEOCON CONSULTANTS, INC. 3160 GOLD VALLEY DRIVE, SUITE 800 RANCHO CORDOVA, CA 95742 JEREMY J. ZORNE, PE, GE LAND SURVEYOR UNICO ENGINEERING 80 BLUE RAVINE ROAD, SUITE 250 FOLSOM, CA 95630 ROB MARKES 916-900-6623

2010 EPOCH GRID COORDINATE DATUM OF NGS NAVD88 VERTICAL DATUM BM PID - AC9231 FL-1.853.3' 2 1/2" BRASS DISC STAMPED CA-HPGN-DENSIFICATION STA. 03-EM

THE BASIS OF BEARINGS IS NAD83 CALIFORNIA COORDINATE SYSTEM ZONE 2 (2017.5 EPOCH), ESTABLISHED FROM OBSERVATIONS TO FOUND NGS MONUMENTS PID AC9233, AC9231, AND JS4060. THE

DISTANCES AND CORDINATES SHOWN HEREON ARE GROUND MEASUREMENTS. MULTIPLY THE DISTANCES AND COORDINATES SHOWN HEREON BY 0.99993386 FROM CONTROL POINT #108 TO OBTAIN THE

### **CIVIL ENGINEER**

BASIS OF BEARING

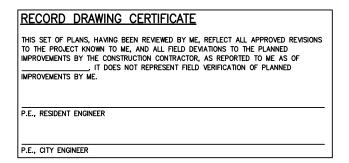
RICK ENGINEERING COMPANY 2525 EAST BIDWELL STREET FOLSOM, CA 95630 M. SCOTT LILLIBRIDGE, P.E. 916-638-8200

CITY OF PLACERVILLE 3101 CENTER STREET PLACERVILLE, CA 95667

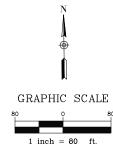
<u>TEM</u>	EXISTING	PROPOSED
SAWCUT		
DGE OF PAVEMENT		
IDEWALK		
TRIPING		
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OST AND CHAIN FENCE	<b></b>	
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VATER VALVE	•	
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POWER POLE	—P—	
SIGN		

	PACEWILLE ELEMENTARY SCHOOL DISTRICT	
004-011-046 EL DORADO CO FEDERATED CHURCH	004-031-024 WILLIAMS/KHAN	
PROJECT CONSTRUCTION SIGN SEE SHEET COS	004-021-018 VALENCIA 004-021-014 LEE 004-031-005	
004-011-073 WONG/TEKULSKY 004-011-079 004-011-078 004-011-078 004-011-061 004-011-061 MESCHI	O04-031-005  VILLIAMS  O04-031-013  RAPUE  O04-031-013	WASHINGTON CT
2 NO04-011-060 MUNOZ	004-021-009 SHERMAN ST 004-031-015 004-031-014 FORESIDENCE 004-031-014 MILLER/WEI	023

SHEET INDEX		
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C01	COVER SHEET	
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C07	PLAN & PROFILE-THOMPSON WAY	
C08	PLAN & PROFILE-SHERMAN STREET	

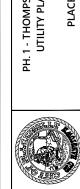












DESIGN: MAM
CHK'D: FCA

C01

SHEET NO. 1 OF 8

- CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT. INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; AND THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS: AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIEY AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON ACCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO INSURE THAT ALL GRADING IS DONE AND STORM DRAINS BUILT IN ACCORDANCE WITH THESE PLANS. IF THERE ARE ANY QUESTIONS REGARDING THESE PLANS OR FIELD STAKES, THE CONTRACTOR SHALL REQUEST AN INTERPRETATION BEFORE BEGINNING WORK. THE CONTRACTOR SHALL ALSO TAKE THE NECESSARY STEPS TO PROTECT THE PROJECT AND ADJACENT PROPERTY FROM ANY EROSION AND SILTATION THAT RESULT FROM HIS OPERATIONS BY APPROPRIATE MEANS (GRAVEL BAGS HAY BALES TEMPORARY DESILTING BASINS DIKES SHORING, ETC.) UNTIL SUCH TIME THAT THE PROJECT IS COMPLETED AND ACCEPTED FROM MAINTENANCE BY WHATEVER OWNER, AGENCY OR ASSOCIATIONS IS TO BE ULTIMATELY RESPONSIBLE FOR MAINTENANCE.
- CONTRACTOR SHALL MAKE EXPLORATORY EXCAVATIONS AND LOCATE EXISTING UNDERGROUND FACILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS IF ANY REVISIONS ARE NECESSARY BECAUSE OF ACTUAL LOCATIONS OF EXISTING FACILITIES.
- LOCATION AND ELEVATION OF IMPROVEMENTS TO BE MET BY WORK TO BE DONE SHALL 25. NOTIFY USA (811) AT LEAST TWO (2) BUSINESS DAYS IN ADVANCE PRIOR TO ANY BE CONFIRMED BY FIELD MEASUREMENTS PRIOR TO CONSTRUCTION OF NEW WORK.
- BEFORE EXCAVATING FOR THIS CONTRACT, THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL UNDERGROUND UTILITIES WITH THE APPROPRIATE UTILITY
- ANY QUESTION RAISED RELATIVE TO THE ACCURACY OF IMPROVEMENT INSTALLATION SHALL NOT BE RAISED SUBSEQUENT TO COMPLETION OF THE WORK UNLESS ALL SURVEY STAKES ARE MAINTAINED INTACT. SHOULD SUCH STAKES NOT BE PRESENT. AND VERIFIED AS TO THEIR ORIGIN, NO CLAIM FOR ADDITIONAL COMPENSATION FOR CORRECTION SHALL BE PRESENTED TO ANY PARTY AND SUCH WORK SHALL BE CORRECTED BY THE CONTRACTOR AT HIS EXPENSE.
- 8. THE CONTRACTOR SHALL FOLLOW THE GUIDELINES AND REGULATIONS AS SET FORTH BY
- WHERE TRENCHES ARE WITHIN EASEMENTS OR WITHIN 10' OF ANY BUILDING, A SOILS REPORT SHALL BE SUBMITTED TO THE ENGINEER OF WORK BY A QUALIFIED GEOTECHNICAL ENGINEER WHICH INDICATES THAT THE TRENCH BACKFILL WAS COMPACTED UNDER THE OBSERVATION OF THE GEOTECHNICAL ENGINEER AND IN ACCORDANCE WITH THE ABOVE NAMED SPECIFICATIONS. INSPECTION BY PROJECT GEOTECHNICAL ENGINEER.
- 10. THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITIES OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED FROM A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO OTHER EXISTING UTILITIES EXCEPT AS SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN HEREON AND ANY OTHER NOT OF RECORD OR NOT SHOWN ON THESE PLANS. ALL DAMAGES THERETO CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE APPROPRIATE SPECIFICATIONS AND AT THE EXPENSE OF THE CONTRACTOR.
- 11. CUT AND FILL SLOPES SHALL BE TRIMMED TO THE FINISH GRADE TO PRODUCE A SMOOTH SURFACE AND UNIFORM CROSS SECTION. THE SLOPE OF THE EXCAVATIONS OR EMBANKMENTS SHALL BE SHAPED AND TRIMMED AS SHOWN ON THE PLANS AND LEFT IN A NEAT AND ORDERLY CONDITION. ALL STONES, ROOTS OR OTHER WASTE MATTER EXPOSED ON EXCAVATION OR EMBANKMENT SLOPES SHALL BE REMOVED AND DISPOSED OF OFF SITE IN A LEGAL MANNER BY THE CONTRACTOR.
- 12. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE ALL UNDERGROUND PIPELINES, TELEPHONE AND ELECTRIC CONDUITS AND STRUCTURES IN ADVANCE OF ANY CONSTRUCTION AND TO OBSERVE ALL POSSIBLE PRECAUTIONS TO AVOID ANY DAMAGE TO SUCH. THE ENGINEER AND/OR OWNER WILL NOT GUARANTEE ANY LOCATIONS AS SHOWN ON THESE PLANS OR THOSE OMITTED FROM SAME
- 13. CONTRACTOR SHALL TAKE THE NECESSARY PRECAUTIONS REQUIRED TO PROTECT ADJACENT PROPERTIES DURING THE GRADING OPERATIONS.
- 14. ALL FRAMES, COVERS, VALVE BOXES AND MANHOLES SHALL BE ADJUSTED TO FINISHED GRADE UPON COMPLETION OF PAVING OR RELATED CONSTRUCTION.
- 15. THE SOILS REPORT PREPARED BY GEOCON CONSULTANTS, INC. (PROJECT NO. S2827-05-01). TITLED GEOTECHNICAL INVESTIGATION PLACERVILLE REPAYING PROJECT. DATED SEPTEMBER 2024, AND ALL ADDENDA THERETO, SHALL BE CONSIDERED AS PART OF THESE GRADING PLANS. ALL GRADING SHALL BE DONE IN ACCORDANCE WITH THE RECOMMENDATIONS AND SPECIFICATIONS CONTAINED IN SAID REPORT.
- 16. ALL GRADING SHALL BE DONE UNDER THE OBSERVATION OF A QUALIFIED GEOTECHNICAL ENGINEER. ALL AREAS TO BE FILLED SHALL BE PREPARED TO BE FILLED AND ALL FILL SHALL BE PLACED IN ACCORDANCE WITH THE RECOMMENDED GRADING SPECIFICATIONS AND SPECIAL PROVISIONS ATTACHED TO THE SOILS REPORT FOR THIS PROJECT. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PLACE. SPREAD, WATER AND COMPACT THE FILL IN STRICT ACCORDANCE WITH THESE SPECIFICATIONS. INSPECTION BY PROJECT GEOTECHNICAL ENGINEER.
- 17. OBSERVATIONS AND COMPACTION TESTS SHALL BE MADE BY THE GEOTECHNICAL ENGINEER DURING THE FILLING AND COMPACTING OPERATIONS SO THAT THEY CAN STATE THEIR OPINION THAT THE FILL WAS CONSTRUCTED IN ACCORDANCE WITH THE EARTHWORK SPECIFICATIONS. INSPECTION BY PROJECT GEOTECHNICAL ENGINEER.

- 18. IN THE CASE OF CONFLICTS. THE REQUIREMENTS OF THE EARTHWORK SPECIFICATIONS PREPARED FOR THE PROJECT BY THE GEOTECHNICAL ENGINEER SHALL GOVERN THE REQUIREMENTS OF THIS PLAN AND THESE NOTES. PLANS SHALL BE REVISED 13. THE CONTRACTOR IS TO MAINTAIN ADEQUATE DUST CONTROL PER SECTION 10, CALTRANS ACCORDINGLY.
- COMPANIES PERTAINING TO POLE REMOVAL. ADJUSTING WATER BLOWOFFS AND WATER FACILITIES TO GRADE OR ANY OTHER UTILITY ADJUSTMENTS.
- 20. ALL DIMENSIONS AND CURVE DATA IS TO BACK OF CURB. UNLESS OTHERWISE NOTED. 15. THE CONTRACTOR SHALL REMOVE ALL ROAD MARKINGS, PAVEMENT MARKS, AND OTHER
- 21. STATIONING TO DI'S IS TO THE MIDDLE OF THE GRATE, FLOWLINE, OR AT THE BACK OF CURB. UNLESS NOTED OTHERWISE.
- 22. THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE 16. THE CONTRACTOR IS RESPONSIBLE FOR SECURING THE CONSTRUCTION SITE. THE UTILITY LINES SHOWN HEREON AND ANY OTHER EXISTING LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.
- THESE PLANS ON SITE AT ALL TIMES FOR THE USE OF THE ENGINEER OF WORK. GEOTECHNICAL ENGINEER AND THE AGENCY INSPECTORS. THE GENERAL CONTRACTOR SUPERINTENDENT IS REQUIRED TO UPDATE SAID PLANS WITH AS-BUILT INFORMATION ON A DAILY BASIS AS WORK PROGRESSES. SAID AS-BUILT INFORMATION SHALL BE GIVEN TO THE ENGINEER OF WORK AT THE COMPLETION OF THE PROJECT AND CERTIFIED BY THE SUPERINTENDENT AS ACCURATE AND COMPLETE.
- 24. DURING CONSTRUCTION, THE CONTRACTOR SHALL PROPERLY GRADE ALL SURFACES TO PROVIDE POSITIVE DRAINAGE AND PREVENT PONDING OF WATER. THE CONTRACTOR 19. IF ANY CULTURAL REMAINS ARE ENCOUNTERED DURING SUBSURFACE DEVELOPMENT OR SHALL CONTROL SURFACE WATER TO AVOID DAMAGE TO ADJOINING PROPERTIES OR TO FINISHED WORK ON THE SITE. THE CONTRACTOR SHALL TAKE REMEDIAL MEASURES TO PREVENT EROSION OF FRESHLY GRADED AREAS AND UNTIL SUCH TIME AS PERMANENT DRAINAGE AND EROSION CONTROL MEASURES HAVE BEEN INSTALLED.

#### **GENERAL NOTES**

- 1. THE CONTRACTOR SHALL NOT BEGIN WORK SHOWN ON THESE PLANS UNTIL THE ENGINEER'S SIGNATURE OF APPROVAL IS AFFIXED HEREON; ALL APPLICABLE PERMITS. EASEMENT AND RIGHT-OF-WAYS HAVE BEEN OBTAINED: AND THE CITY HAS ISSUED THE
- ALL CONSTRUCTION AND MATERIALS AND METHODS SHALL BE IN ACCORDANCE WITH THESE PLANS, CITY OF PLACERVILLE STANDARD, AND THE 2024 EDITION OF CALTRANS STANDARD SPECIFICATIONS. RANK SHALL BE IN THE ABOVE LISTED ORDER WHERE
- 3. THE CONTRACTOR SHALL CONTACT THE CITY OF PLACERVILLE DEPARTMENT OF PUBLIC WORKS (530-642-5232) AND THE EL DORADO COUNTY FIRE PREVENTION DISTRICT AT LEAST 48 HOURS PRIOR TO THE START OF CONSTRUCTION.
- THE CONTRACTOR SHALL MAKE THE SITE INSPECTIONS PRIOR TO BIDDING TO DETERMINE ALL ITEMS NOT SHOWN AS BID ITEMS WHICH ARE NECESSARY TO PERFORM A COMPLETE AND ACCEPTABLE JOB AND INCLUDE IN BID.
- THE CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR CONSTRUCTION OF THE PROJECT. INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL DEFEND INDEMNITY AND HOLD THE OWNER AND THE ENGINEER AND CITY OF PLACERVILLE 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 ENGINEER OR CITY OF PLACERVILLE.
- THE CONTRACTOR IS HEREBY NOTIFIED THAT PRIOR TO COMMENCING CONSTRUCTION, HE IS RESPONSIBLE FOR CONTACTING ALL UTILITY COMPANIES FOR VERIFICATION AT THE CONSTRUCTION SITE OF THE LOCATIONS OF ALL UNDERGROUND FACILITIES WHERE SUCH FACILITIES MAY POSSIBLY CONFLICT WITH THE PLACEMENT OF IMPROVEMENTS SHOWN ON THESE PLANS. CALL UNDERGROUND SERVICE ALERT AT 800-642-2444 48 HOURS
- THE LOCATIONS OF ALL UNDERGROUND FACILITIES SHOWN ON THIS PLAN ARE APPROXIMATE. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE AND DELINEATE ALL UNDERGROUND FACILITIES. HOWEVER, THE CONTRACTOR ASSUMES NO LIABILITY FOR THE ACCURACY OR COMPLETENESS OF THE EXISTING FACILITIES SHOWN HEREON OR FOR THE EXISTENCE OF OTHER UNDERGROUND UTILITIES OR OBJECTS WHICH MAY BE DISCOVERED BUT ARE NO SHOWN ON THESE PLANS. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING FACILITIES AND IMMEDIATELY NOTIFY THE ENGINEER IF ANY SUCH FACILITIES INTERFERE WITH THE CONSTRUCTION OF IMPROVEMENTS.
- PUBLIC SAFETY AND TRAFFIC CONTROL HAVE BEEN PROVIDED IN ACCORDANCE WITH CITY REQUIREMENTS AND AS DIRECTED BY THE ENGINEER. SAFE VEHICULAR AND PEDESTRIAN ACCESS SHALL BE PROVIDED AT ALL TIMES DURING CONSTRUCTION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE ALL TRAFFIC AND PEDESTRIAN CONTROL WITH CITY ENGINEER.
- THE CONTRACTOR SHALL PROVIDE OWN CONSTRUCTION STAKING, IF NECESSARY, PER SPECIFICATION 01160 3.0.
- 10. CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING MONUMENTS AND OTHER SURVEY MARKERS. MONUMENTS AND SURVEY MARKERS DESTROYED DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE
- 11. ALL EXISTING A.C. SURFACES SHALL BE SAWCUT AS SHOWN TO A NEAT STRAIGHT LINE AND REMOVED UNLESS OTHERWISE DIRECTED. THE EXPOSED EDGE SHALL BE SEALED WITH EMULSION TO PAVING. THE EXPOSED BASE MATERIAL SHALL BE REMOVED AND REPLACED AND SHALL BE SEALED PRIOR TO PAVING
- 12. THE UPPER LIFT (SURFACE COURSE) OF ASPHALT CONCRETE SHALL BE TYPE B, 1/2" MAXIMUM, MEDIUM AGGREGATE GRADING, THE ASPHALT CONCRETE BELOW THE SURFACE COURSE SHALL BE TYPE B. 3" MAXIMUM. MEDIUM AGGREGATE GRADING. VISCOCITY GRADE 4000, FOG SEAL SHALL BE SS-1. AGGREGATE BASE SHALL CONFORM TO SECTION 20

OF THE CALTRANS STANDARD SPECIFICATION

- SPECIFICATIONS.
- 19. GRADING CONTRACTOR IS TO COORDINATE THE GRADING OPERATION WITH UTILITY 14. AFTER STRIPING, THE DEBRIS, ANY EXISTING LOOSE FILL, UNSUITABLE SOIL, SILTY SAND DEPOSITS. OR DISTURBED NATURAL SOILS SHALL BE EXCAVATED AND PROPERLY DISPOSED OF TO THE SATISFACTION OF THE CITY AND THE GEOTECHNICAL ENGINEER.
  - DELINEATION THAT ARE IN CONFLICT WITH THE DELINEATION SHOWN ON THE PLANS OR AS DIRECTED BY THE CITY ENGINEER, THE CONTRACTOR SHALL LAYOUT ALL PAVEMENT
  - CONTRACTOR SHALL ERECT ADEQUATE VEHICULAR BARRICADES TO THE SATISFACTION OF THE ENGINEER TO PREVENT VEHICULAR TRAFFIC INTO THE SITE.
- 23. THE GENERAL CONTRACTOR IS REQUIRED TO KEEP AND MAINTAIN A SIGNED SET OF 17. THE CONTRACTOR SHALL PROVIDE ONE COMPLETE, ACCURATE SET OF AS-BUILT
  THESE PLANS ON SITE AT ALL TIMES FOR THE LISE OF THE ENGINEER OF WORK.

  CHANGES, THE CHANGES SHALL BE PLACED ON A CLEAN SET OF BLUELINE DRAWINGS IN RED AND GIVEN TO THE ENGINEER AT JOB COMPLETION.
  - 18. CONSTRUCTION ACTIVITIES SHALL BE RESTRICTED TO THE HOURS OF 7:00 AM TO 5:00 PM MONDAY THROUGH FRIDAY PER SECTION 00700 4.0. ALL EARTHMOVING AND OTHER POWER FOLIPMENT SHALL BE FOLIPPED WITH FACTORY INSTALLED OR FOLIVALENT
  - CONSTRUCTION, ALL WORK WITHIN 20 METERS OF THE DISCOVERY MUST BE STOPPED. IN THE UNLIKELY EVENT THAT HUMAN REMAINS ARE DISCOVERED, WORK WILL CEASE AND THE EL DORADO CORNER SHALL BE CONTRACTED.

<u>ABBREVIA</u>	<u>ABBREVIATIONS</u>		
ABBREVIATION			
0	AT		
AB	AGGREGATE BASE		
AVE	AVENUE		
BC	BACK OF CURB		
BOT	BOTTOM OF PIPE		
C&G	CURB & GUTTER		
CHK'D	CHECKED		
CIPP	CURED-IN-PLACE PIPE		
€, CL	CENTERLINE		
СТ	COURT		
D	DEPTH		
DI	DRAIN INLET		
DWG	DRAWING		
E	EAST		
EDC	EL DORADO COUNTY		
EG	EXISTING GRADE		
EP	EDGE OF PAVEMENT		
EX	EXISTING		
FG —	FINISHED GRADE		
FT	FEET		
GB	GRADE BREAK		
GL	GUTTER LIP		
HMA	HOT MIX ASPHALT		
HORIZ	HORIZONTAL HIGHWAY		
HWY IE, INV	INVERT ELEVATION		
L INV	LEFT		
LF	LINEAR FEET		
MAX	MAXIMUM		
MIN	MINIMUM		
MH	MANHOLE		
N.	NORTH		
NE	NORTHEAST		
NW	NOTHWEST		
NO	NUMBER		
PH	PHASE		
PVC	POLYVINYL CHLORIDE		
R	RIGHT		
RCP	REINFORCED CONCRETE PIPE		
RD	ROAD		
SDR	STANDARD DIMENSIONAL RATIO		
SD	STORM DRAIN		
SDDI	STORM DRAIN DRAIN INLET		
SS	SANITARY SEWER		
SSMH	SANITARY SEWER MANHOLE		
ST	STREET		
STA	STATION		
STD	STANDARD		
S	SOUTH		
SE	SOUTHEAST		
SW	SOUTHWEST		
TC	TOP OF CURB		
TOP	TOP OF PIPE		
VERT	VERTICAL		
W	WATER		
W	WEST		







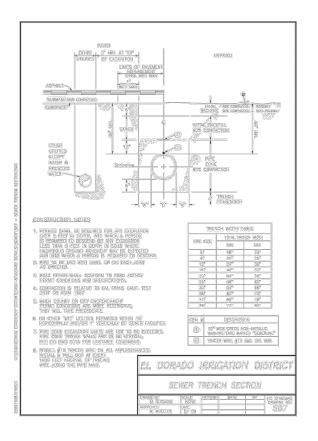
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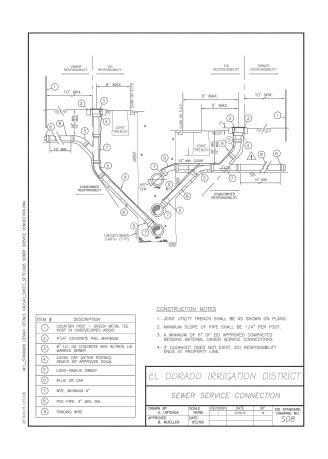
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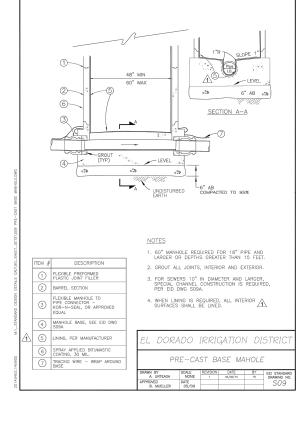
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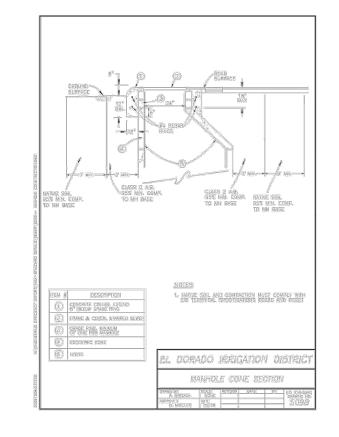
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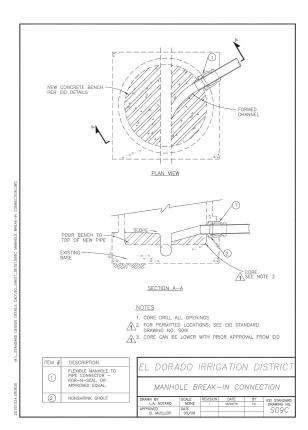


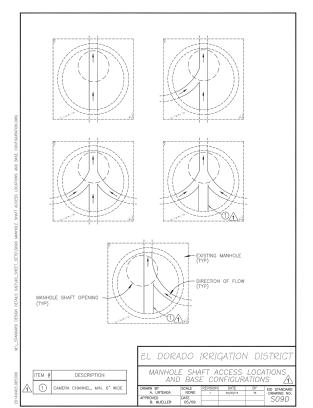


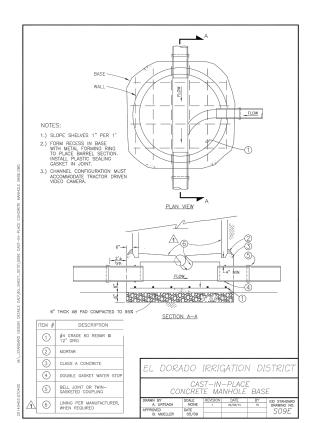


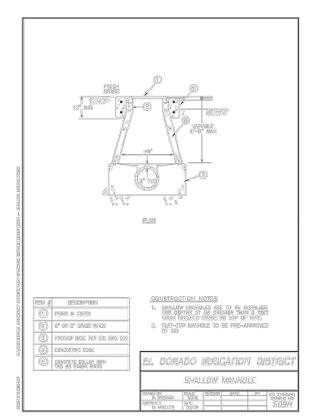


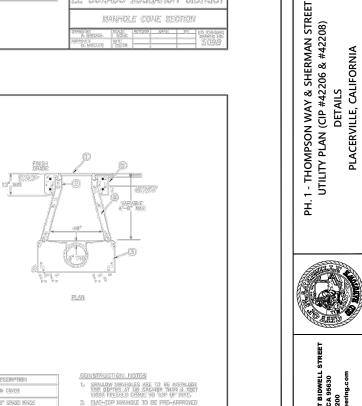


















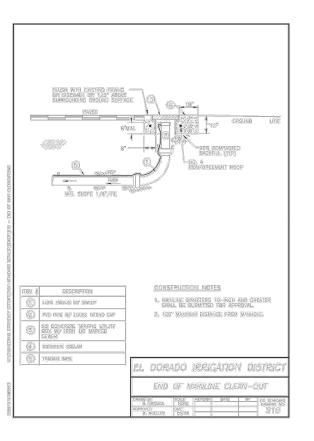


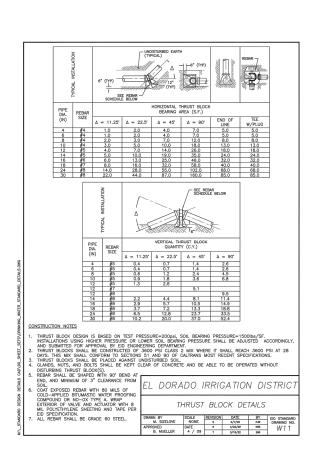
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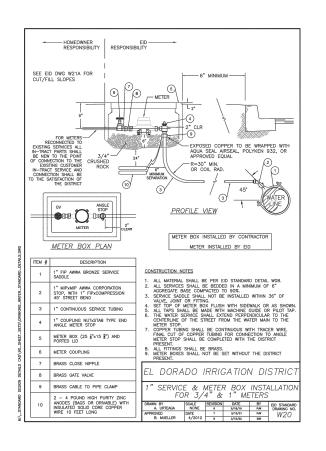
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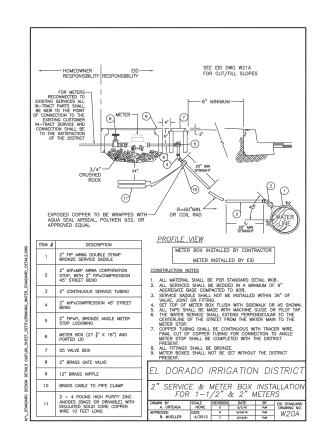
100% PLAN BID SET

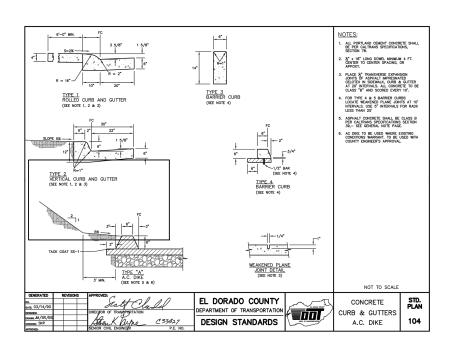


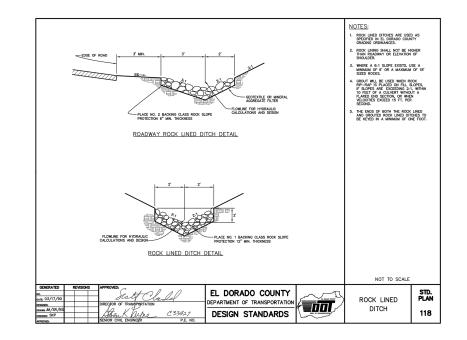


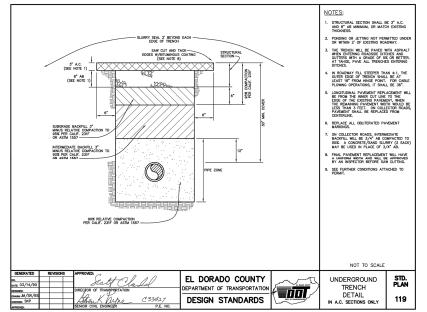


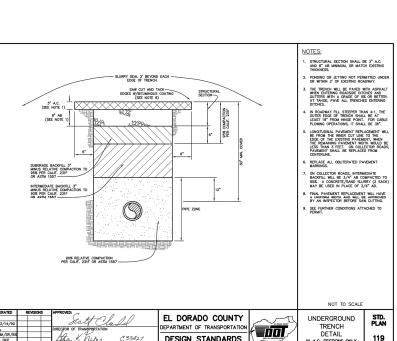
















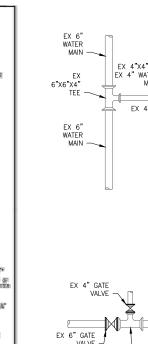


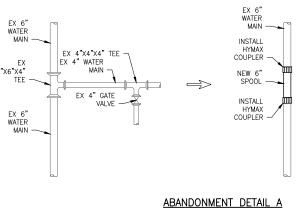




SHEET NUMBER C04

SHEET NO. 4 OF 8





6"X6"X4"

ALL JOINTS TO BE RESTRAINED

NEW 6" MJ X

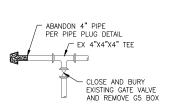
FLANGED VALVE -

RESTRAINED

NEW 6" FLANGED X

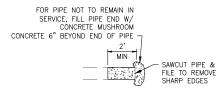
MECHANICAL JOINT

ABANDONMENT DETAIL B



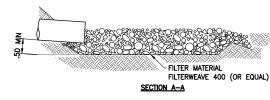
- ABANDON 4" PIPE PER PIPE PLUG DETAIL

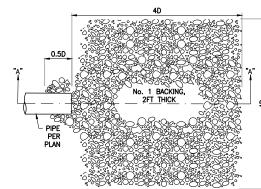
INSTALL RESTRAINED



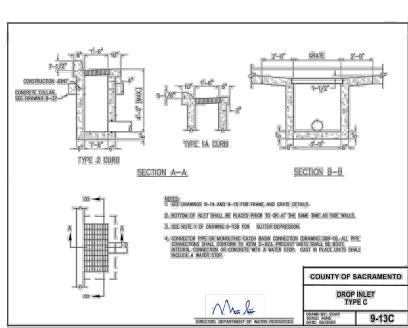
FOR PIPE TO BE ABANDONED

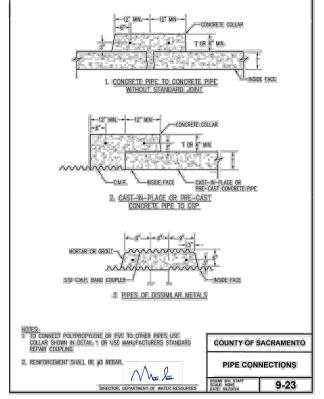
PIPE PLUG DETAIL

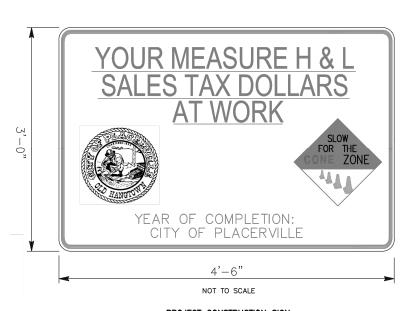




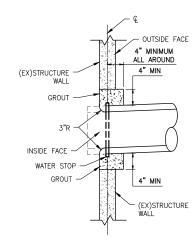
ENERGY DISSIPATOR







PROJECT CONSTRUCTION SIGN



NOTES:
1. EMBED PIPE 3" MINIMUM INTO STRUCTURE

- CENTER WATERSTOP WITHIN STRUCTURE WALL.
  REMOVE ALL PORTIONS OF PIPE PROTRUDING
  INTO THE STUCTURE IN ORDER TO FORM 3°
  RADIUS BETWEEN PIPE AND STRUCTURE WALL.
- INCREASE WALL THICKNESS OF STRUCTURE BY ADDING A 4" CONCRETE COLLAR AROUND PIPE, AS NEEDED TO ACCOMMODATE MINIMUM EMBEDMENT REQUIREMENTS.
- 4. TO BE USED ON ALL (E)CONCRETE STRUCTURES. NOT ALLOWED ON PRE-CAST STRUCTURES.

(EX)CONCRETE STRUCTURE

(N)CONNECTION TO

1 - THOMPSON WAY & SHERMAN STREET UTILITY PLAN (CIP #42206 & #42208) DETAILS PLACERVILLE, CALIFORNIA P.





DATE: 3/25/2025 DESIGN:

NUMBER C05

SHEET NO. 5 OF 8

1875 1900

1870 + 1895

11+50

10+00 TO 14+50

SCALE: HORIZ. 1"=20' VERT. 1"=4'

11+00

1881.03 N 1880.93

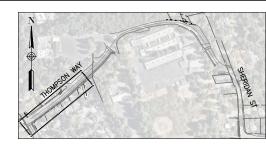
5 SSMH-1 RIM 1885.8 6" IE IN 18 6" IE OUT

Θ

1870 +

9+75

100% PLAN BID SET



#### KEY MAP NO SCALE

#### **CONSTRUCTION NOTES**

- 1. ALL RESIDENCES SHALL HAVE THE SEWER AND WATER SERVICE LATERALS RECONNECTED TO THE NEW 6" SEWER MAIN AND EX 6" WATER MAIN, RESPECTIVELY, ALL CONNECTIONS SHALL BE IN ACCORPANCE WITH EL DORADO IRRIGATION DISTRICT STANDARDS AND SPECIFICATIONS.
- BEFORE EXCAVATING FOR THIS CONTRACT, THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL UNDERGROUND UTILITIES WITH THE APPROPRIATE UTILITY COMPANY.
- 3. ALL DRAINAGE PIPE CONNECTIONS SHALL BE PER SACRAMENTO COUNTY DETAIL 9-23 ON SHEET CO5.

### **SEWER NOTES**

8

SKET

1935

1930

- 1925

- 1920

+ 1915

14+50

14+00

1(4)

(8)

004-011-070 FRAGA

3073 EDYTHE CT

14+00

HLAG

9

1895 + 1915

13+00

- EX SEWER MANHOLE PROTECT IN PLACE. DISCONNECT EX
   6" SS PIPE. CONNECT NEW 6" SS PVC SDR26. MATCH EX
   INVERT. SEE CONNECTION DETAIL SO9C ON SHEET CO3.
- 2 REMOVE EX 6" SS BETWEEN EX SSMH1 AND EX SSMH2.
- (3) REMOVE EX SSMH2. FILL VOID WITH FILL MATERIAL CONFORMING WITH THE RECOMMENDATIONS IN THE GEOTECHNICAL REPORT.
- (4) INSTALL 6" SS PVC SDR26. CONSTRUCT TRENCH PER EL DORADO IRRIGATION DISTRICT DETAIL SO7 ON SHEET CO3.
- $\ensuremath{5}$  construct 48" ssmh per el dorado irrigation district details on sheet co3.
- (6) INSTALL NEW SS SERVICE LATERAL AND CONNECT TO NEW 6" SS MAIN PER EL DORADO IRRIGATION DISTRICT DETAIL SOB ON SHEET CO3.
- (7) EXTEND/SHORTEN EX SS SERVICE LATERALS AND CONNECT TO NEW 6" SS MAIN/SSMH PER EL DORADO IRRIGATION DISTRICT DETAIL SOB, SO9C, SO9D, AND SO9E ON SHEET CO3. VERIFY LOCATION AND ELEVATION.
- 8 ABANDON EX SS PER EL DORADO IRRIGATION DISTRICT TECHNICAL SPECIFICATIONS SECTION 330190.

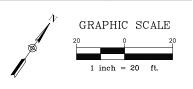
#### WATER NOTES

- 1 ABANDON WATERMAIN PER ABANDONMENT DETAIL A ON SHEET
- 2 ABANDON WATERMAIN PER ABANDONMENT DETAIL B ON SHEET CO5.
- 3 REMOVE EXISTING WATER SERVICE UP TO THE CORPORATION STOP AND INSTALL NEW 1" WATER SERVICE WITH METER BOX PER EL DORADO IRRIGATION DISTRICT DETAIL W20 ON SHEET CO4.
- 4 ABANDON EX 6" WATER IN PLACE PER EL DORADO IRRIGATION DISTRICT TECHNICAL SPECIFICATIONS SECTION 330190.
- 5 REMOVE AND REPLACE EX WATER SERVICE LINE FROM ANGLE STOP IN METER BOX AND CONNECT TO EX 6" WATER PER EL DORADO IRRIGATION DISTRICT DETAIL W20 ON SHEET CO4.
- 6 EX 6" WATER PROTECT IN PLACE.

# STORM DRAIN NOTES

1 INSTALL CIPP LINING IN SD RCP PER PROJECT SPECIFICATIONS.

	SD PIPE DEFECTS TABLE			
STA	TION	DEFECT	REPAIR	
10+	12.01	SURFACE DAMAGE-GRATE INLET	PATCH DAMAGE	
10+6	8.40	CRACKED PIPE	CIPP LINING	
10+8	38.31	BROKEN PIPE	CIPP LINING	
10+9	9.91	BROKEN PIPE	CIPP LINING	
11+7	77.12	BROKEN PIPE	CIPP LINING	
12+3	50.85	CRACKED PIPE	CIPP LINING	
12+5	1.54	FRACTURED PIPE	CIPP LINING	
12+6	8.31	FRACTURED PIPE	CIPP LINING	







REVISIONS
PITONS
DATE APPROVED

H.1 - THOMPSON WAY & SHERMAN STREET UTILITY PLAN (CIP #42206 & #42208)
PLAN & PROFILE-THOMPSON WAY
PLACERVILLE, CALIFORNIA



2525 EAST BIDWELL STR FOLSOM, CA 95630 916-638-8200 rickengineering.com



- ALL RESIDENCES SHALL HAVE THE SEWER AND WATER SERVICE LATERALS RECONNECTED TO THE NEW 6" SEWER MAIN AND EX 6" WATER MAIN, RESPECTIVELY. ALL CONNECTIONS SHALL BE IN ACCORDANCE WITH EL DORADO IRRIGATION DISTRICT STANDARDS AND SPECIFICATIONS.
- 2. BEFORE EXCAVATING FOR THIS CONTRACT, THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL UNDERGROUND UTILITIES WITH THE APPROPRIATE UTILITY
- 3. ALL DRAINAGE PIPE CONNECTIONS SHALL BE PER SACRAMENTO COUNTY DETAIL 9-23 ON SHEET CO5.

#### SEWER NOTES

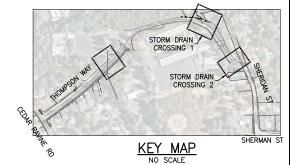
- (4) INSTALL 6" SS PVC SDR26. CONSTRUCT TRENCH PER EL DORADO IRRIGATION DISTRICT DETAIL S07 ON SHEET C03.
- (6) INSTALL NEW SS SERVICE LATERAL AND CONNECT TO NEW 6" SS MAIN PER EL DORADO IRRIGATION DISTRICT DETAIL SOB ON SHEET CO3.
- (8) ABANDON EX SS PER EL DORADO IRRIGATION DISTRICT TECHNICAL SPECIFICATIONS SECTION 330190.
- (9) INSTALL SS FLUSHER BRANCH PER EL DORADO IRRIGATION DISTRICT DETAIL S10 ON SHEET CO4.
- 10 install SS 2-way cleanout. Connect New 6° SS main and EX 6° SS TO CLEANOUT.

#### STORM DRAIN NOTES

- (2) CUT EX SD PIPE FROM SCHOOL AT CURB.
- 3 REMOVE EX SD SYSTEM.
- CONSTRUCT TYPE B DROP INLET PER SACRAMENTO COUNTY DETAIL 9-13B ON SHEET CO5.
- 5 INSTALL 12" RCP. CONSTRUCT TRENCH PER EL DORADO COUNTY DETAIL 119 ON SHEET CO4.
- (6) PIPE OUTFALL. REGRADE EX DRAINAGE DITCH (APPROX 30LF) PER EL DORADO COUNTY DETAIL 118 ON SHEET CO4 AND ENERGY DISSIPATOR DETAIL ON SHEET CO5.
- (7) EX SD RCP SHALL BE SPOT REPAIRED, APPROXIMATELY 3' FROM EXIST CATCH BASIN 5 LINEAR FEET, USE SACRAMENTO COUNTY DETAIL 9—23 ON SHEET CO5 FOR PIPE CONNECTIONS.

# WATER NOTES

6 EX 6" WATER - PROTECT IN PLACE.



15+25.28 10.29'L

**THOMPSON WAY** 14+50 TO 15+50

10 15+47.89 16.23'R

004-021-026 PLACERVILLE ELEMENTARY

SCHOOL DISTRICT

6

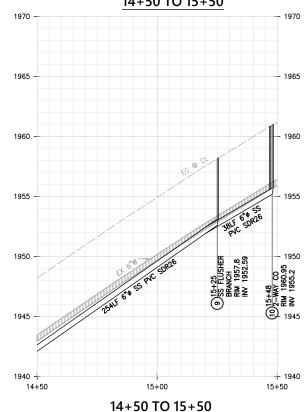
004-011-046 EL DORADO CO FEDERATED CHURCH

900

SEET

SEE

MATCHLINE

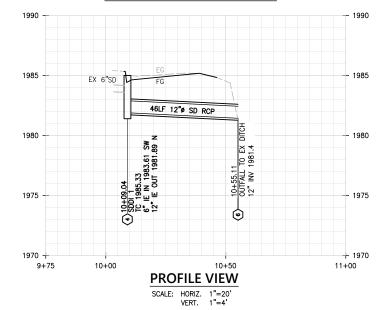


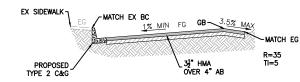
11) EX 6" SS TO REMAIN. 004-021-029 HART LIMITS OF GRADING
MATCH EX PAVEMENT GRADE 004-021-026 PLACERVILLE ELEMENTARY 3 ½" HMA OVER 4" AB SCHOOL DISTRICT 21+03.70 15.35'L 004-021-03 MATCH EX EP 1986.23 MULHERIN 3084 SHERIDAN 21+37.79 13.98'R GL 1985.03 -EX FENCE AND COLUMNS PROTECT IN PLACE C&G PER EDC STD. DWG. 104 21+36.92 10.00'L FG 1985.16 BC 1985.26 SAWCUT 6" BEHIND EX FACE OF CURB SURVEY MON (TYP OF PROTECT IN PLACE MATCH NEW BACK OF (3) CURB TO EX SIDEWALK 21+62.55 14.41'R GL 1984.61 21+58.81 10.66'L HP 1985.08 (2) EX 6" SD 10+00 10+55.11(6) 4 10+09.04 SDDI 1 SEE PROFILE BELOW EX SIGN
PROTECT IN PLACE 21+77.17 14.00'R GL 1984.69 PROTECT IN PLACE 22+12.59 16.40'R END NEW C&G BC 1985.56 21+87.48 26.40'L MATCH EX EP 1985.47 22+12.78 13.90'R GL 1985.36 N 004-021-026
PLACERVILLE ELEMENTARY
SCHOOL DISTRICT

STORM DRAIN CROSSING 1

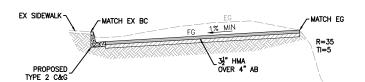
LIMITS OF GRADING MATCH EX PAVEMENT GRADE

3½" HMA OVER 4" AB

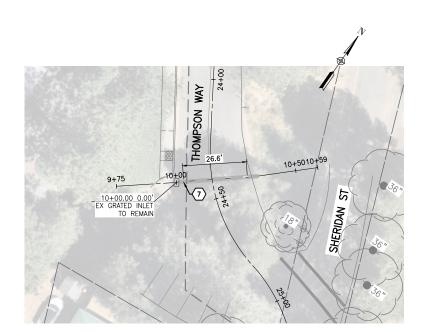




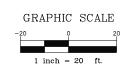
**SECTION 1** NOT TO SCALE



**SECTION 2** NOT TO SCALE



STORM DRAIN CROSSING 2









H.1 - THOMPSON WAY & SHERMAN STREET UTILITY PLAN (CIP #42206 & #42208)
PLAN & PROFILE-THOMPSON WAY
PLACERVILLE, CALIFORNIA



JOB #: 20092-A DATE: 3/25/2025 DESIGN: MAM CHK'D: SHEET NUMBER C07

SHEET NO. 7 OF 8

004-031-015 FORESIDENCE

6

1102 SHERMAN

2000

1995

1990

1985

1980

1975

BEFORE EXCAVATING FOR THIS CONTRACT, THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL UNDERGROUND UTILITIES WITH THE APPROPRIATE UTILITY

3. ALL DRAINAGE PIPE CONNECTIONS SHALL BE PER SACRAMENTO COUNTY DETAIL 9-23 ON SHEET CO5.

7)11+13.05 11.36'R

(7)11+30.60 10.81'R

7 RECONNECT SS SERVICE

SS FLUS BRANCH

11+00

911+11.18 11.42'R

FORESIDENCE

004-021-021 SIDBURY/BLACKBURN

3160 TURNER ST

(7) 11+82.52 8.10°R/

12 20+98.30 SSMH-2

6 11+60.70 16.21'L

SEWER NOTES

EX SEWER MANHOLE - PROTECT IN PLACE. DISCONNECT EX 6" SS PIPE. CONNECT NEW 6" SS PVC SDR26. MATCH EX INVERT. SEE CONNECTION DETAIL SOOC ON SHEET CO3.

(4) INSTALL 6" PVC SDR26. CONSTRUCT TRENCH PER EL DORADO IRRIGATION DISTRICT DETAIL SO7 ON SHEET CO3.

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11>

**PLAN VIEW SHERMAN ST** 

5≥≥33<sub>7</sub>

**PROFILE VIEW** SCALE: HORIZ. 1"=20' VERT. 1"=4'

(2)<sub>12+00</sub>

<u> ששש</u>

12+50

13+00

SEE SEWER PROFILE ON TURNER STREET FOR CONTINUATION (THIS SHE

ARECONN

11+50

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(6) INSTALL NEW SS SERVICE LATERAL AND CONNECT TO NEW 6" SS MAIN PER EL DORADO IRRIGATION DISTRICT DETAIL SO8 ON SHEET CO3.

EXTEND/SHORTEN EX SS SERVICE LATERALS AND CONNECT TO NEW 6" SS (2) CONSTRUCT SHALLOW SEWER MANHOLE PER EL DORADO MAIN/SSMH PER EL DORADO IRRIGATION DISTRICT DETAIL SOB, SOBC, IRRIGATION DISTRICT DETAIL SOBH ON SHEET SO3. 7 MAIN/SSMH PER EL DORADO IRRIGATION DISTRICT DETAIL SOB, SO9C, SO9D, AND SO9E ON SHEET CO3. VERIFY LOCATION AND ELEVATION.

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13+71

- 1975

+ 1970

13+75

13+50

13+61.61 8.06'L EX SSMH-2

**B** 

(15)13+70.24 13.24'R/

(8) ABANDON EX SS PER EL DORADO IRRIGATION DISTRICT TECHNICAL SPECIFICATIONS SECTION 330190.

004-042-023 MILLER/WEISETH

3147 TURNER ST

004-043-002 MARSHALL MED CENTER

1124 SHERMAN ST

13+00

6

30+65.18 EX. DRAIN INLET (13)

12+50

30+30.89 DRAIN INLET 2 8

20+52.37 SSMH-1

 $\begin{tabular}{llll} \hline \end{tabular} 9$  install SS flusher branch per el dorado irrigation district detail S10 on sheet co4.

(13) INSTALL 45° SDR26 LONG RADIUS SWEEP FITTING.

(14) EX 6" SS PIPE - PROTECT IN PLACE.

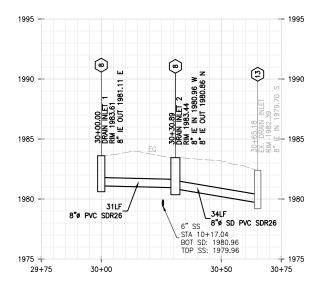
# WATER NOTES

6 EX 6" WATER - PROTECT IN PLACE.

### STORM DRAIN NOTES

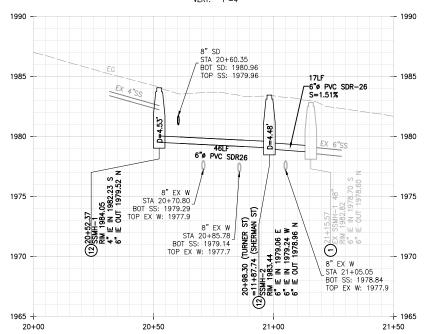
- (8) EX SD RCP SHALL BE SPOT REPAIRED, AS NOTED IN THE TABLE BELOW. INSTALL CAST—IN—PLACE TYPE C DRAIN INLET PER SACRAMENTO COUNTY DETAIL 9-13C ON SHEET CO5.
- (9) INSTALL 8" PVC SDR26. CONSTRUCT TRENCH PER EL DORADO IRRIGATION DISTRICT DETAIL SO7 ON SHEET CO3.
- (10) REMOVE SECTION OF THE EX 8" SD IN CONFLICT WITH NEW SSMH2. FILL VOID WITH FILL MATERIAL CONFORMING WITH THE RECOMMENDATIONS IN THE GEOTECHNICAL REPORT.
- ABANDON EX 8° SD PER EL DORADO IRRIGATION DISTRICT TECHNICAL SPEC 330190.
- REMOVE AND REPLACE EX 8" SD WITH 8" PVC SDR26. RECONNECT TO EX DOWNSTREAM DRAIN INLET.
- (13) EX DRAIN INLET PROTECT IN PLACE. DISCONNECT EX 8"SD PIPE. CONNECT NEW 8"SD PVC SDR26. MATCH EX INVERT. SEE CONNECTION DETAIL ON SHEET CO5.
- EX SD RCP SHALL BE SPOT REPAIRED, AS NOTED IN THE TABLE BELOW 10 LINEAR FEET. USE SACRAMENTO COUNTY DETAIL 9—23 ON SHEET CO5 FOR PIPE CONNECTION.
- (15) EX DRAIN INLET PROTECT IN PLACE.

SD PIPE DEFECTS TABLE—WASHINGTON STREET				
STATION	DEFECT	REPAIR		
13+47 15'R	BROKEN PIPE/DEBRIS DEPOSITS	CONSTRUCT TYPE C DRAIN INLET		
13+45 3.1'L	BROKEN PIPE	REPAIR PIPE SECTION		



## TURNER STREET STORM DRAIN PROFILE VIEW

SCALE: HORIZ. 1"=20' VERT. 1"=4'



TURNER STREET SANITARY SEWER PROFILE VIEW

SCALE: HORIZ. 1"=20' VERT. 1"=4'







KEY MAP



H.1 - THOMPSON WAY & SHERMAN STREET UTILITY PLAN (CIP #42206 & #42208) PLAN & PROFILE-SHERMAN STREET PLACERVILLE, CALIFORNIA



SHEET NUMBER C08

SHEET NO.8 OF 8

JOB #: 20092-A DATE: 3/25/2025 DESIGN: CHK'D:

GRAPHIC SCALE

1 inch = 20

100% PLAN BID SET

1970 -

10+75