

# CITY OF PLACERVILLE, CALIFORNIA ENGINEERING DEPARTMENT PROJECT PLANS FOR: GIOVANNI ROAD SEWER LINE REPLACEMENT PROJECT

R.E.Y. PROJECT No. 6884.020 / CIP #42224

UTILITY REPRESENTATIVES		
UTILITY	REPRESENTATIVE	TELEPHONE
ELECTRICITY PG & E	JOSHUA R. BERGER	(209) 986-0184
TELEPHONE AT&T	NATHAN DIXON	(916) 296-6359
WATER EL DORADO IRRIGATION DISTRICT	LIZ CARRINGTON	(530) 642-4135
SEWER CITY OF PLACERVILLE	PUBLIC WORKS DEPT	(530) 642-5250
DRAINAGE CITY OF PLACERVILLE	PUBLIC WORKS DEPT	(530) 642-5250
U.S.A. U.S.A.		1-800-227-2600
FIRE FIRE DEPARTMENT	BRANDON MCKAY	(530) 644-9630
CABLE TV COMCAST	CAMERON ALVES	C: (916) 200-9060

## SHEET INDEX

C01 - TITLE SHEET  
C02 - LAYOUT PLAN, SURVEY CONTROL, & DETAILS

## ABBREVIATIONS

AB	CLASS II AGGREGATE BASE	PVMT	PAVEMENT
ABN	ABANDONED	R&R	REMOVE & REPLACE
AC	ASPHALT CONCRETE	R/W	RIGHT OF WAY
APN	ASSESSOR PARCEL NUMBER	RD	ROAD
AVE	AVENUE	RT	RIGHT
BC	BEGINNING OF CURVE	S:	SLOPE
BLDG	BUILDING	SD	STORM DRAIN
BOW	BACK OF WALK	SDMH	STORM DRAIN MANHOLE
CONC	CONCRETE	SF	SQUARE FOOT
CB	CATCH BASIN	SHLD	SHOULDER
CL	CONSTRUCTION CENTERLINE	SPECS	SPECIFICATIONS AND
CMP	CORRUGATED METAL PIPE		SPECIAL PROVISIONS
DI	DRAIN INLET	SS	SANITARY SEWER
DWY	DRIVEWAY	SSCO	SANITARY SEWER CLEANOUT
E	ELECTRIC	SSMH	SANITARY SEWER MANHOLE
EC	END OF CURVE	ST	STREET
EG	EXISTING GROUND	STA	STATION
EL	ELEVATION	STD	STANDARD
EP	EDGE OF PAVEMENT	SW	SIDEWALK
ETW	EDGE OF TRAVELED WAY	TYP.	TYPICAL
(E)	EXISTING	VAR	VARIES
FG	FINISH GRADE	WH/AP	WHERE APPLICABLE
FL	FLOW LINE	W	WATER
FT	FEET	WM	WATER METER
H	HORIZONTAL	XING	CROSSING
HMA	HOT MIX ASPHALT		
L	LENGTH		
LT	LEFT		
LF	LINEAR FOOT		
LL	LIMIT LINE		
LN	LANE		
MAX	MAXIMUM		
MC	MIDDLE OF CURVE		
MH	MANHOLE		
MIN	MINIMUM		
NTS	NOT TO SCALE		
(N)	NEW		
O.C.	ON CENTER		
OH	OVERHEAD		

### RECORD DRAWING CERTIFICATE:

THIS SET OF PLANS, HAVING BEEN REVIEWED BY ME, REFLECT ALL APPROVED REVISIONS TO THE PROJECT KNOWN TO ME, AND ALL FIELD DEVIATIONS TO THE PLANNED IMPROVEMENTS BY THE CONSTRUCTION CONTRACTOR, AS REPORTED TO ME AS OF \_\_\_\_\_.  
IT DOES NOT REPRESENT FIELD VERIFICATION OF PLANNED IMPROVEMENTS BY ME.

RESIDENT ENGINEER

JAMES W. FISHER, P.E.

MELISSA MCCONNELL, P.E., CITY ENGINEER

### STANDARD GENERAL NOTES

- MATERIALS, CONSTRUCTION QUALITY, AND METHODS FOR THIS PROJECT ARE SUBJECT TO THE COUNTY OF EL DORADO DESIGN AND IMPROVEMENT STANDARDS MANUAL STANDARD PLANS, AND THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD PLANS AND STANDARD SPECIFICATIONS.
- TRAFFIC CONTROL SHALL BE SUBMITTED FOR REVIEW 2 WEEKS PRIOR TO THE COMMENCEMENT OF WORK. ACCESS TO ALL RESIDENT DRIVEWAYS SHALL REMAIN OPEN DURING CONSTRUCTION.
- CONSTRUCTION AREA SIGNS SHALL NOTE THAT THIS PROJECT IS LOCALLY FUNDED USING MEASURE H & L SALES TAX. SIGNS SHALL BE SUBMITTED 2 WEEKS PRIOR TO COMMENCEMENT OF WORK AND SHALL BE LEFT ON THE JOBSITE UNTIL FINAL PROJECT CLOSEOUT.
- WATER POLLUTION CONTROL PROGRAM SHALL FOLLOW SECTION 13 CALTRANS 2023 STANDARD SPECIFICATIONS.
- ALL REFERENCE TO PLACERVILLE SHALL MEAN THE CITY OF PLACERVILLE PUBLIC WORKS, CITY OF PLACERVILLE ENGINEERING DEPARTMENT, OR AUTHORIZED REPRESENTATIVE.
- ALL WORK SHALL BE ACCOMPLISHED TO THE SATISFACTION OF PLACERVILLE OR AN AUTHORIZED REPRESENTATIVE.
- ALL REFERENCE TO THE STANDARD SPECIFICATIONS SHALL MEAN THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS DATED 2023.
- THE CONTRACTOR SHALL HAVE A RESPONSIBLE PARTY, WHO SHALL HAVE FULL AUTHORITY TO REPRESENT AND ACT FOR THE CONTRACTOR ON SITE AT ALL TIMES DURING WORKING HOURS.
- THE CONTRACTOR SHALL NOTIFY PLACERVILLE 48 HOURS IN ADVANCE OF COMMENCING WORK TO SCHEDULE A PRE-CONSTRUCTION CONFERENCE AND INSPECTION WITH THE ENGINEER AND PLACERVILLE. NO WORK SHALL BEGIN UNTIL AFTER THE PRE-CONSTRUCTION CONFERENCE AND INSPECTION HAVE BEEN COMPLETED.
- THE CONTRACTOR'S ATTENTION IS DIRECTED TO SECTION 7, "LEGAL RELATIONS AND RESPONSIBILITY TO THE PUBLIC" OF THE STANDARD SPECIFICATIONS.
- RIGHTS TO ENTER AND CONSTRUCT SHALL BE OBTAINED PRIOR TO CONSTRUCTING ANY WORK OUTSIDE THE CITY RIGHT-OF-WAY SHOWN IN THESE PLANS. COPIES OF SUCH DOCUMENTS SHALL BE KEPT ON-SITE AT ALL TIMES DURING THE PERFORMANCE OF WORK OUTSIDE THE CITY RIGHT-OF-WAY.
- THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT (USA) 811 OR 1-800-642-2444 PRIOR TO PERFORMING ANY EXCAVATION ON THE PROJECT SITE. THE OWNER(S) OF IDENTIFIED EXISTING UNDERGROUND FACILITIES SHALL ALSO BE CONTACTED PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL NOT CONSTRUCT ANY WORK WITHOUT ADEQUATE CONSTRUCTION STAKING. AS A MINIMUM, THE FOLLOWING STAKING SHALL BE REQUIRED: 1) CLEARING LIMITS, 2) SLOPE STAKES, 3) WATER LINE STAKES, 4) SEWER LINE STAKES, 5) STORM DRAIN STAKES, 6) FINISHED GRADE STAKES. ADDITIONAL STAKING MAY BE REQUIRED BY EDC DOT DUE TO THE NATURE AND/OR COMPLEXITY OF THE WORK. LOST OR DAMAGED STAKES SHALL BE REPLACED TO THE SATISFACTION OF EDC DOT WHETHER RESULTING FROM CONSTRUCTION PROCEDURES, VANDALISM, OR ANY OTHER CAUSE. SURVEY CUT SHEETS SHALL BE PROVIDED TO THE CONTRACTOR WITHIN ONE BUSINESS DAY OF COMPLETION OF THE SURVEY REQUEST. CONTRACTOR SHALL PROVIDE ALL CUT SHEETS TO THE EDC DOT & EID INSPECTOR THE SAME DAY THEY ARE RECEIVED.
- TO REDUCE THE POTENTIAL IMPACT OF CONSTRUCTION NOISE WITHIN THE VICINITY OF THE PROJECT SITE TO A LESS THAN SIGNIFICANT LEVEL, ALL CONSTRUCTION ON THE PROJECT SITE SHALL BE LIMITED TO THE HOURS BETWEEN 7:00 A.M. AND 7:00 P.M., MONDAY THROUGH FRIDAY, AND BETWEEN 7:00 A.M. AND 5:00 P.M. ON SATURDAY. NO CONSTRUCTION SHALL BE ALLOWED ON SUNDAY UNLESS IN AN EMERGENCY AND WITH WRITTEN PERMISSION FROM THE CITY.
- THE CONTRACTOR SHALL PROVIDE, PLACE, AND MAINTAIN ALL LIGHTS, SIGNS, DELINEATORS, BARRICADES, TEMPORARY TRAFFIC STRIPING, FLAGMEN, DETOURS, OR OTHER DEVICES NECESSARY TO PROVIDE FOR THE SAFE AND CONVENIENT PASSAGE OF PUBLIC VEHICLE AND PEDESTRIAN TRAFFIC THROUGH THE CONSTRUCTION SITE.
- THE CONTRACTOR SHALL OBTAIN THE EXPRESS WRITTEN CONSENT OF PLACERVILLE PRIOR TO IMPLEMENTING ANY LANE CLOSURE OR DETOUR ON A CITY MAINTAINED STREET OR HIGHWAY. ALL LANE CLOSURES OR DETOURS SHALL CONFORM TO CHAPTER 5 "TRAFFIC CONTROL DEVICES FOR LOW VOLUME ROADS" OF THE CALIFORNIA MUTCD. CONTRACTOR TO OBTAIN AN ENCROACHMENT PERMIT FOR ANY WORK WITHIN THE CITY RIGHT OF WAY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DUST CONTROL DURING CONSTRUCTION. AT LEAST ONE WATER TRUCK SHALL BE ON SITE AT ALL TIMES. ADDITIONAL EQUIPMENT MAY BE REQUIRED AS DETERMINED BY PLACERVILLE.
- THE CONTRACTOR SHALL OBTAIN AN APPROVED FUGITIVE DUST CONTROL PLAN, INCLUDING PROVISIONS FOR ASBESTOS HAZARD MITIGATION, IF REQUIRED, FROM THE COUNTY OF EL DORADO ENVIRONMENTAL MANAGEMENT DIVISION PRIOR TO BEGINNING OF WORK.
- IF UNUSUAL AMOUNTS OF STONE, BONE, OR ARTIFACTS ARE UNCOVERED DURING CONSTRUCTION, ALL WORK SHALL BE STOPPED WITHIN ONE HUNDRED FEET (100') OF THE FIND, A QUALIFIED ARCHEOLOGIST SHALL BE CONTACTED TO EXAMINE THE DEPOSIT AND DETERMINE ITS NATURE AND SIGNIFICANCE. THE RECOMMENDATION OF THE ARCHEOLOGIST FOR REMOVAL, PRESERVATION AND/OR OTHER TREATMENT SHALL BE IMPLEMENTED. CONSTRUCTION SHALL NOT RESUME UNTIL TREATMENT IS IMPLEMENTED FOR THE AFFECTED RESOURCE.
- IF THE PRESENCE OF SERPENTINE ROCK (SAF) IS DISCOVERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER, EDC DOT, AND THE COUNTY OF EL DORADO ENVIRONMENTAL MANAGEMENT DIVISION THAT SERPENTINE ROCK IS PRESENT ON THE SITE. ADDITIONALLY, THE CONTRACTOR SHALL IMPLEMENT THE ASBESTOS HAZARD MITIGATION PROVISIONS OF THE FUGITIVE DUST PLAN PRIOR TO CONTINUATION OF EARTHWORK IN AREAS WHERE SERPENTINE ROCK IS PRESENT.
- UPON JOB COMPLETION, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE INFORMATION TO R.E.Y. ENGINEERS, INC. (ENGINEER), REGARDING ANY MATERIAL CHANGES MADE DURING CONSTRUCTION AS WELL AS ANY OTHER INFORMATION REQUIRED TO BE SHOWN ON THE RECORD DRAWINGS BY PLACERVILLE, THE EL DORADO IRRIGATION DISTRICT (EID), OTHER UTILITY COMPANIES, OR OTHER RESPONSIBLE AGENCIES.

### GENERAL NOTES:

#### OWNER OF RECORD

CITY OF PLACERVILLE  
3101 CENTER ST,  
PLACERVILLE, CA 95667  
(530)621-2489

#### BENCH MARK DESCRIPTION

COORDINATES AND ELEVATIONS ARE ON AN ASSUMED SYSTEM

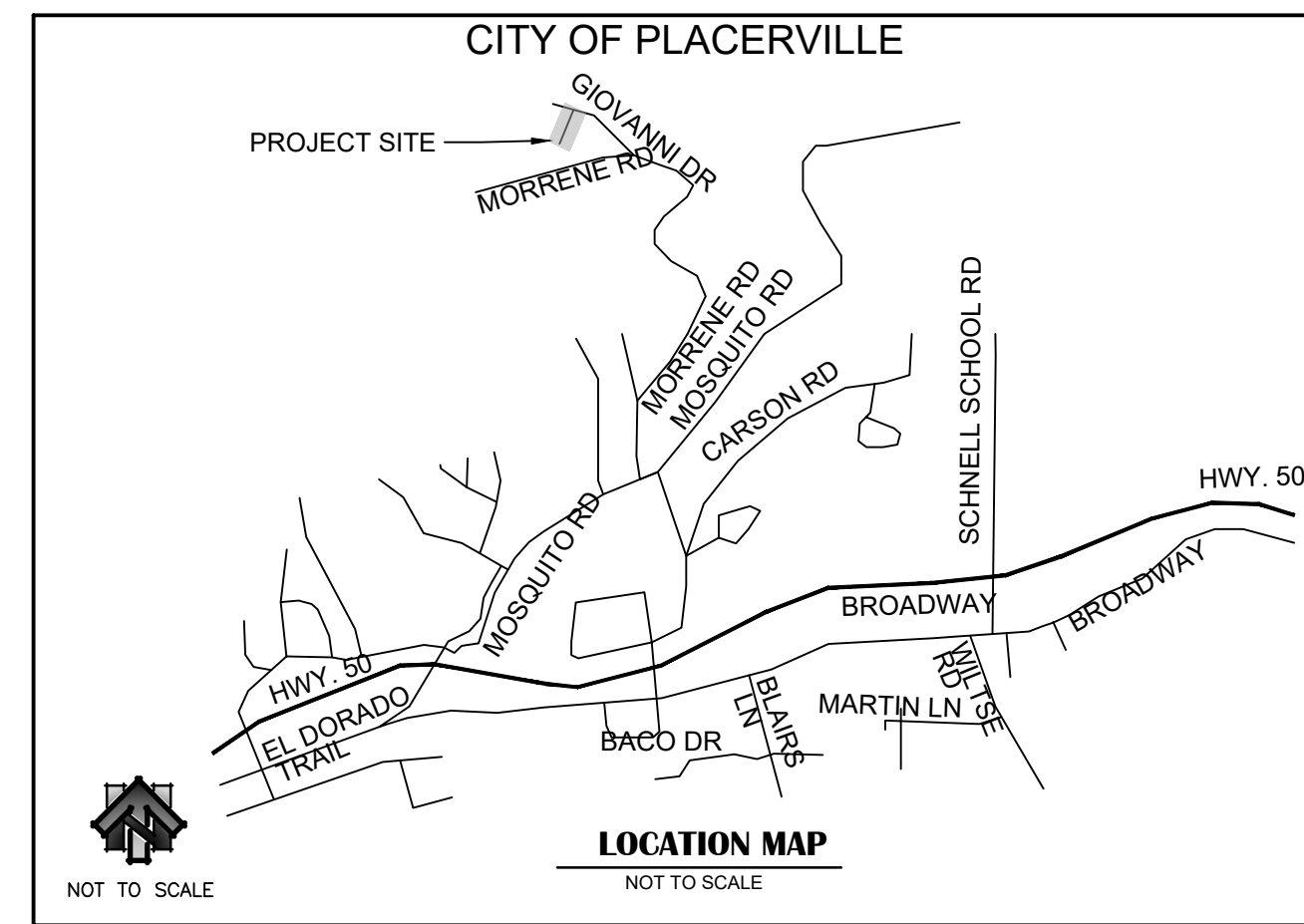
#### GEOTECHNICAL ENGINEERING REPORT

TITLE: GEOTECHNICAL INVESTIGATION GIOVANNI SEWER LIFT STATION ACCESS ROAD  
DATE: MAY 2024  
**PROJECT NUMBER: S2787-05-01**

PREPARED BY: GEOCON CONSULTANTS, INC.

#### BASIS OF BEARING

BEARINGS ARE BASED ON BOOK 37 OF RECORDS OF SURVEYS, PAGE 65



### LEGEND

SCALED FOR CLARITY

#### PROPOSED

- ROADWAY SECTION (SEE DETAIL ON SHEET C02)
- ROCK STABILIZATION (SEE DETAIL ON SHEET C02)
- AC DIKE (SEE CALTRANS RSP A87B)
- SSMH
- SEWER CLEANOUT
- SS PIPE AND SIZE
- CUT & CAP
- MODIFIED TRASH RACK
- FLARED END SECTION

#### EXISTING

- (E)PROPERTY LINE
- (E)EASEMENT
- (E)SEWER PIPE
- (E)STORM DRAIN PIPE
- (E)OVERHEAD UTILITIES
- (E)SSMH
- (E)SSCO
- (E)CB
- (E)TREE
- (E)SURVEY CONTROL POINT

APPROVED BY CITY OF PLACERVILLE

*Melissa Savage*  
MELISSA SAVAGE, P.E., CITY ENGINEER

4/20/2026

DATE

DESIGNED UNDER THE DIRECTION OF

*James W. Fisher*  
JAMES W. FISHER, PE, R.C.E. # 73197

4/20/2026

DATE



#### DRAWING SCALE

HOR. SCALE: AS NOTED  
VERT. SCALE: N.T.S.



R.E.Y. ENGINEERS, INC.  
Civil Engineering, Land Surveying, Remote Sensing  
903 Suter Street, Suite 200, Folsom, CA 95630  
916 366-3040 Fax 916 366-3033

PROJECT PLANS FOR:  
GIOVANNI ROAD SEWER LINE REPLACEMENT PROJECT

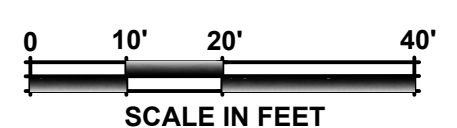
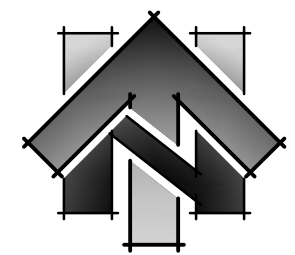
PLACERVILLE  
TITLE SHEET  
CA

#### DRAWING INFO

DATE: 04/20/2026  
DRAFTER: KHT/TH  
DESIGNER: KHT  
REVIEWER: JWF

PROJECT NO.  
**6884.020**

SHEET NO. C01 OF C02

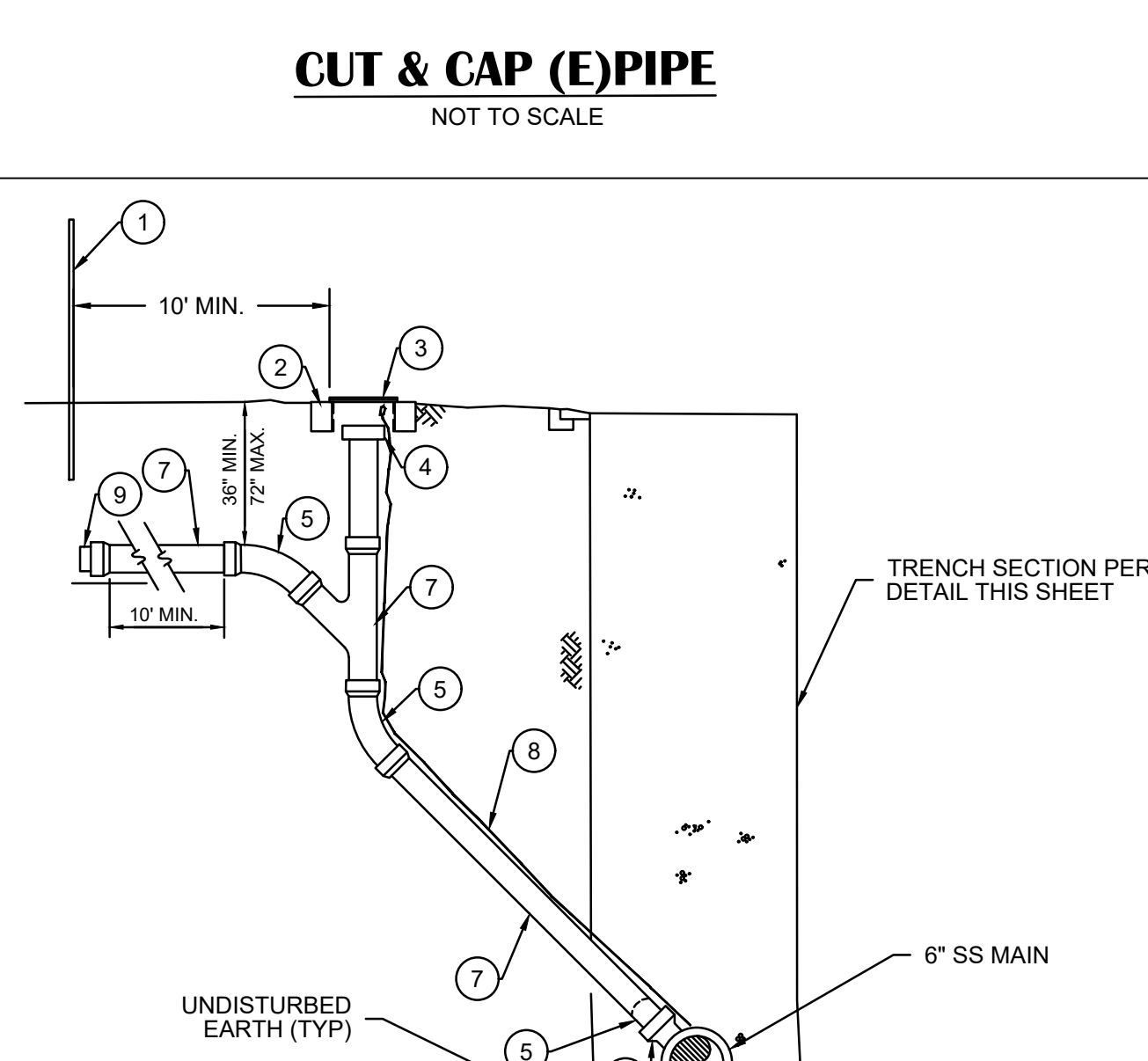
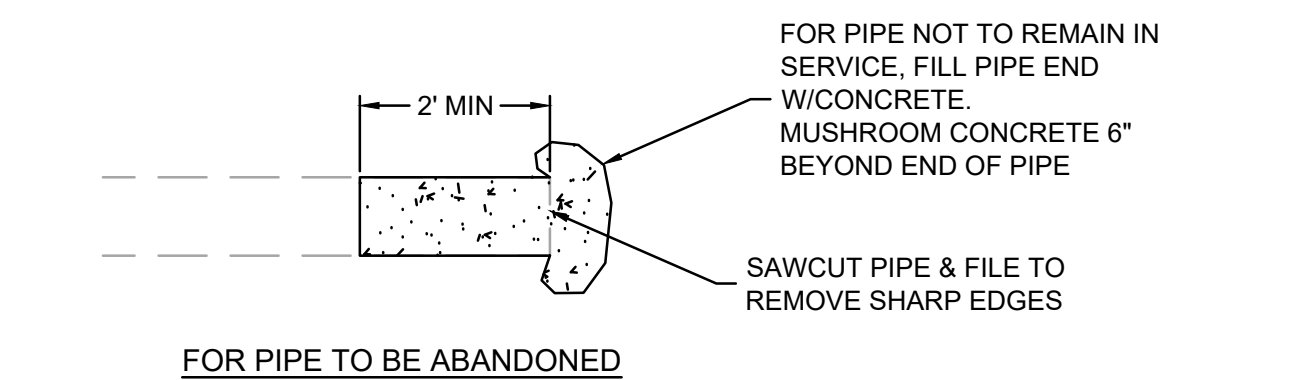
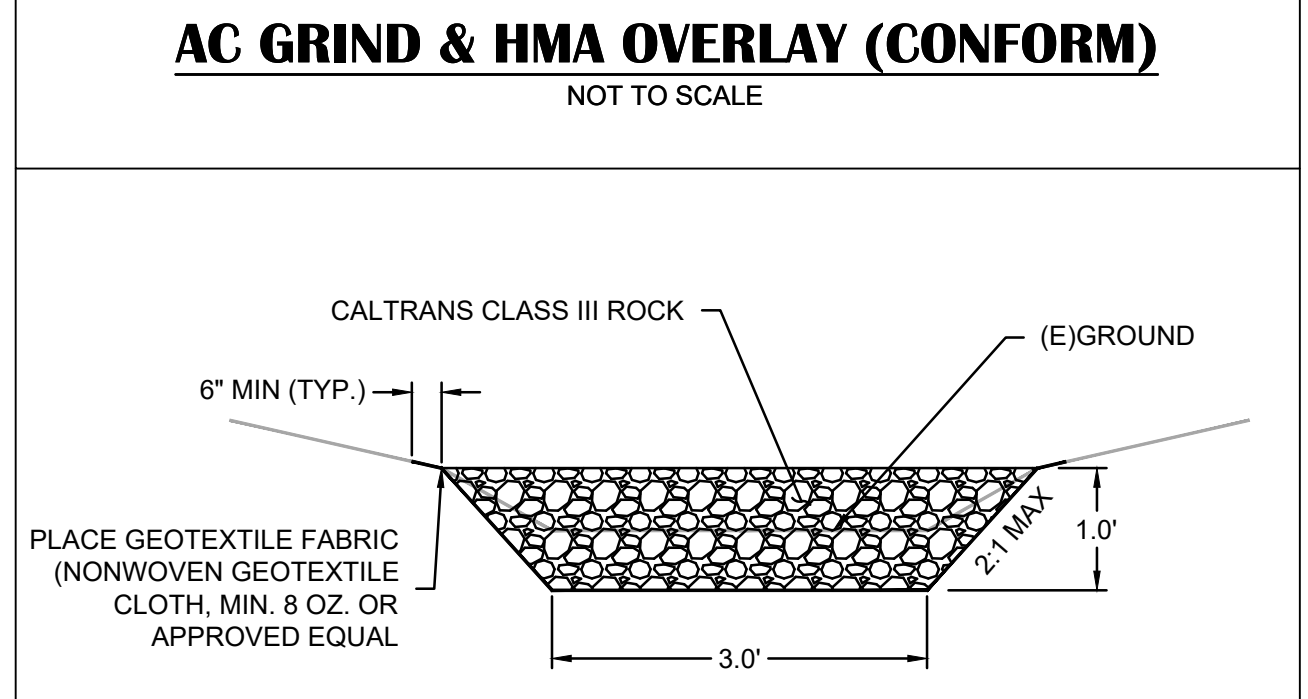
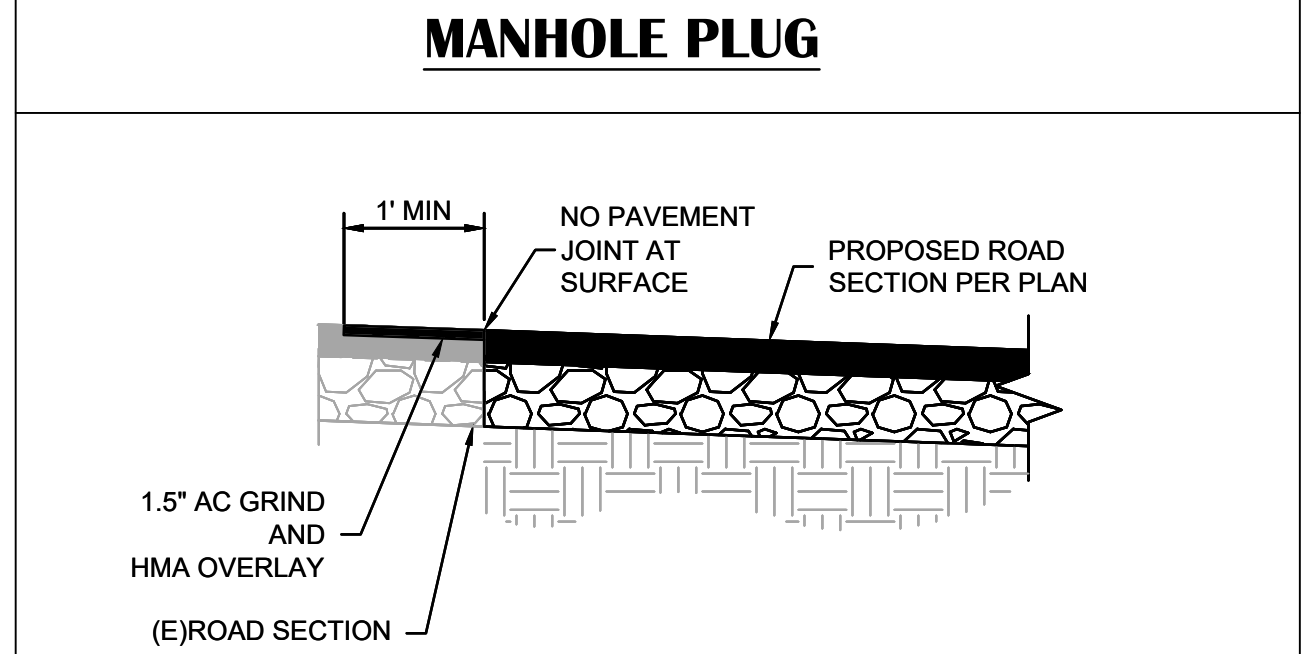
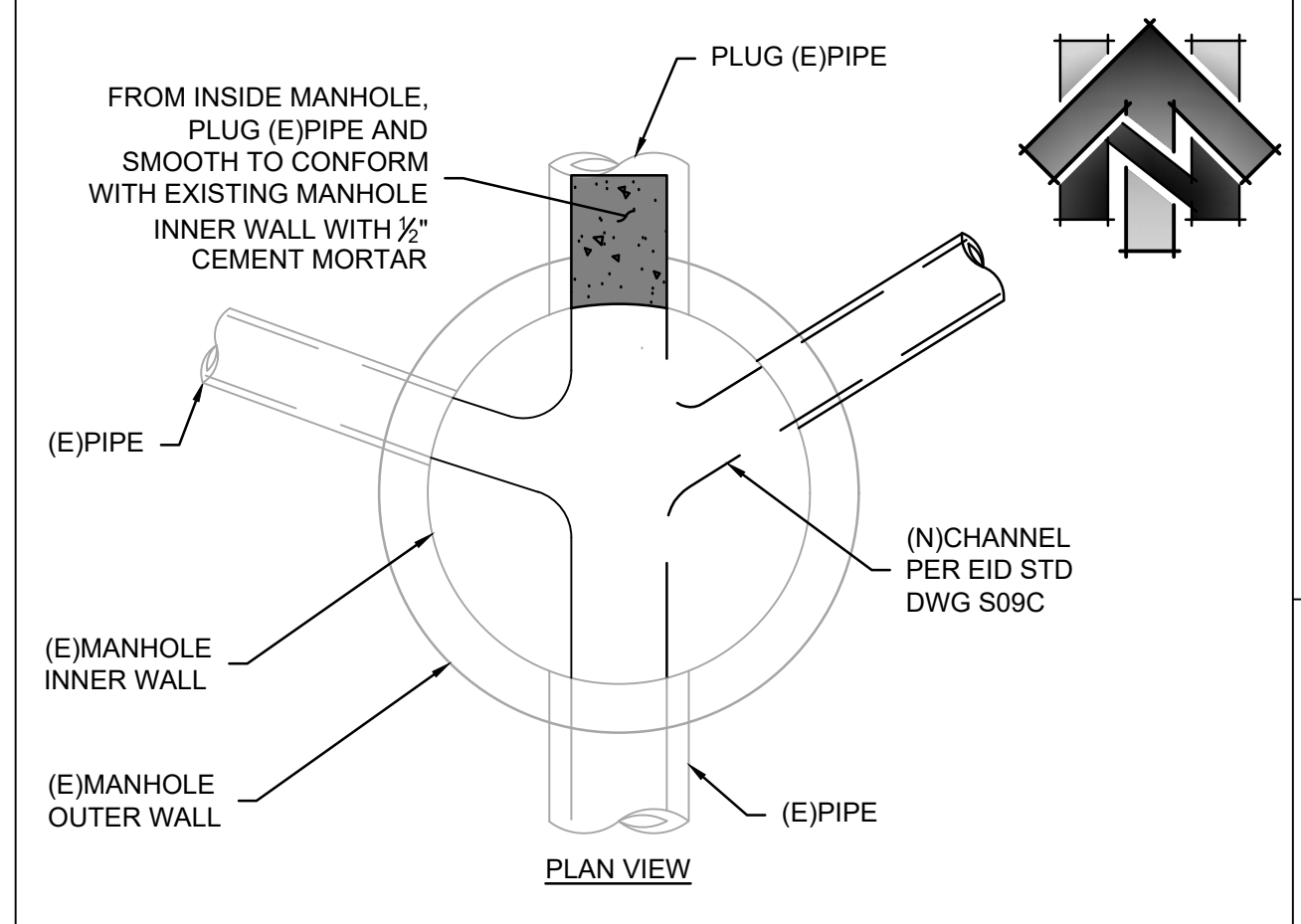
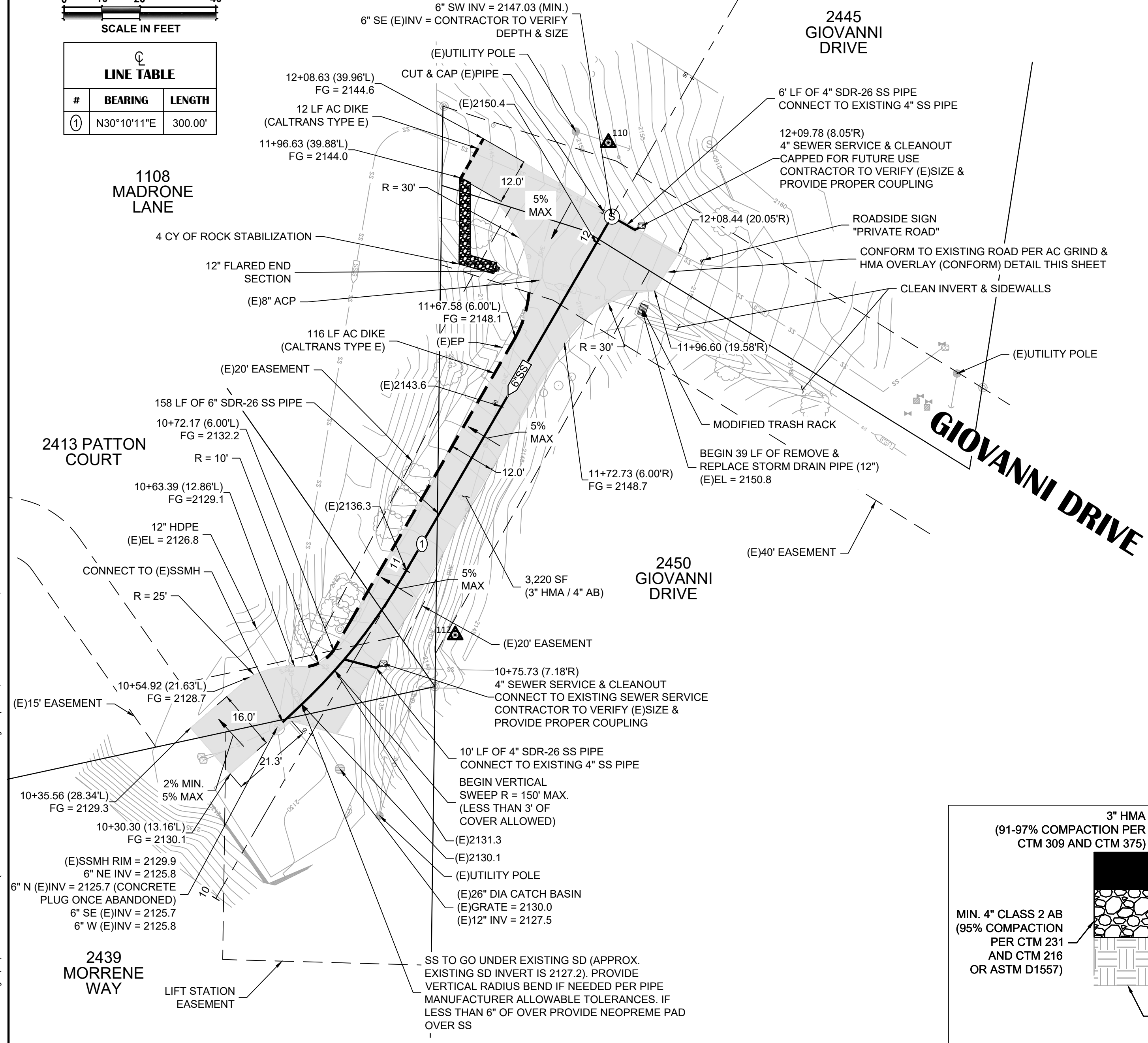


#	BEARING	LENGTH
1	N30°10'11"E	300.00'

Pt No	Northing	Eastng	Elevation	Description
110	19987.99	9999.00	2152.14	5/8" REBAR W/ "R.E.Y." PLASTIC CAP
111	19807.23	10209.86	2183.82	5/8" REBAR W/ "R.E.Y." PLASTIC CAP
112	19858.20	9958.60	2143.61	5/8" REBAR W/ "R.E.Y." PLASTIC CAP

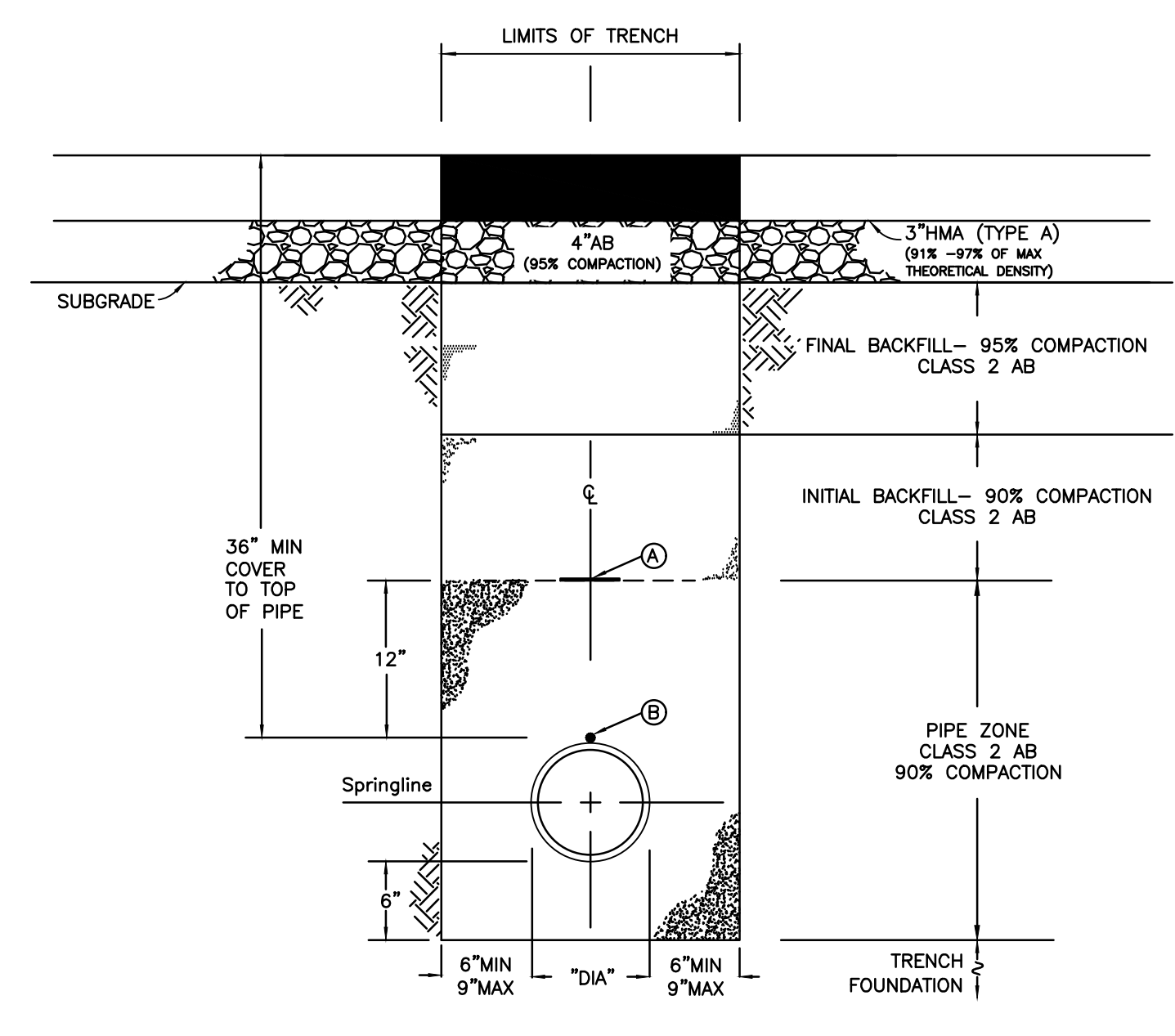
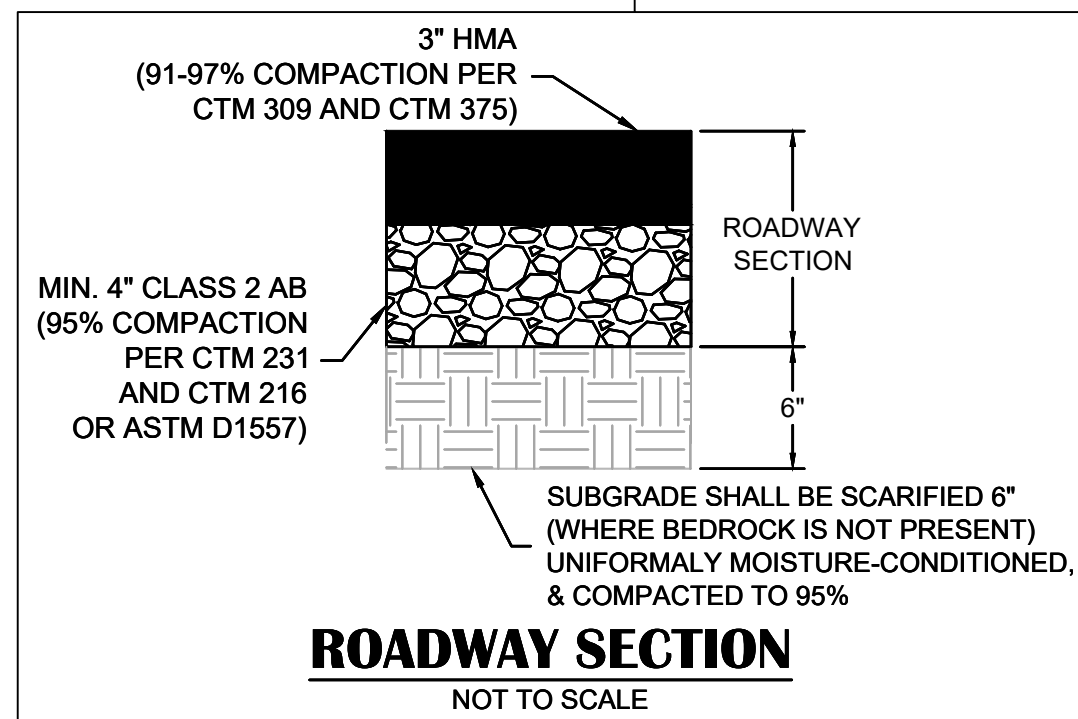
COORDINATES AND ELEVATIONS ARE ON AN ASSUMED SYSTEMS  
BEARINGS ARE BASED ON BOOK 37 OF RECORDS OF SURVEYS, PAGE 65

48" SSMH RIM = 2150.53  
6" SW INV = 2147.03 (MIN.)  
6" SE (E)INV = CONTRACTOR TO VERIFY DEPTH & SIZE



ITEM #	DESCRIPTION
1	LOCATION POST - GREEN METAL TEE POST IN UNDEVELOPED AREAS
2	4\"/>

- CONSTRUCTION NOTES**
- MINIMUM SLOPE OF PIPE SHALL BE 1/4\"/>



- CONSTRUCTION NOTES**
- PIPE TO BE LAID WITH LABEL UP ON EACH JOINT.
  - COMPACTION IS RELATIVE TO CALTRANS CALIFORNIA TEST 231F OR ASTM 1557.
  - INSTALL #10 TRACER WIRE ON ALL APPURTENANCES.
  - PIPE ZONE BACKFILL SHALL BE 3/8\"/>

ITEM #	DESCRIPTION
A	12\"/>
B	TRACING WIRE #10 A.W.G. DIR. BUR.

PIPE SIZE	TRENCH WIDTH TABLE	
	MIN	MAX
4"	16"	22"
6"	18"	24"

- SANITARY SEWER**
- EXISTING GROUND ABOVE PROPOSED SEWER SHALL BE UTILIZED WITH SEWER PIPE TRENCH SECTION TO DETERMINE EXCAVATION QTY'S.
  - PIPE MATERIAL SHALL BE SDR-26. PIPE JOINTS SHALL BE CONSTRUCTED WITH AN INTEGRAL BELL AND SPIGOT WITH AN ELASTOMERIC GASKET PUSH-ON-TYPE JOINT.
  - SEWER PIPE IS TO CONNECT TO MANHOLES WITH A WATER TIGHT BOOT OR APPROVED WATER TIGHT RING.
  - WHERE PIPE IS CONNECTED TO MANHOLES OR CONCRETE STRUCTURES, CONNECTIONS SHALL BE MADE SO THAT THE STANDARD PIPE JOINT IS LOCATED NOT MORE THAN 2 FEET FROM THE OUTSIDE EDGE OF THE STRUCTURE UNLESS OTHERWISE SHOWN.
  - SSMH SHALL CONFORM TO EID STD DWG AND CAN BE PRE-CAST OR CAST-IN PLACE. IF IT IS FOUND THE EXISTING 4\"/>
- ROADWAY**
- ROADWAY SHALL BE GRADED SO WATER FLOWS AWAY FROM 1108 MADRONE LANE PROPERTY DRIVEWAY. ROADWAY SHALL SLOPE TOWARD THE SEWER LIFT STATION AND INTO THE VEGETATION ON THE WEST SIDE.
  - WHERE BEDROCK IS PRESENT AT OR ABOVE PLANNED SUBGRADE, THE AB SECTION THICKNESS TO ACCOMMODATE THE VARIABLE DEPTH TO SHALLOW BEDROCK, PROVIDED IT IS AT LEAST 4\"/>

- STORM DRAIN & DRAINAGE**
- MODIFIED TRASH RACK SHALL BE PER CALTRANS STANDARD PLAN FOR HOLE SIZE OPENING. A CUSTOM, INLET TRASH RACK CAN BE FABRICATED AS LONG AS IT FITS SNUG TO THE NEW STORM DRAIN PIPE.
  - FLARED END SECTION SHALL BE 12\"/>



NO.	REVISION	DESCRIPTION	CHECKED BY	DATE

**DRAWING SCALE**  
HOR. SCALE: AS NOTED  
VERT. SCALE: N.T.S.



**PROJECT PLANS FOR:  
GIOVANNI ROAD SEWER LINE REPLACEMENT PROJECT**

**LAYOUT PLAN, SURVEY CONTROL, & DETAILS**

**PLACERVILLE CA**

**DRAWING INFO**  
DATE: 04/23/2020  
DRAFTER: KTH  
REVIEWER: JWF

PROJECT NO.  
**6884.020**  
SHEET NO. **C02** OF **C02**

N:\6884 - City of Placerville\020 - Giovanni Lift Station Access Road\10 - CAD Drawings\Improvement Plans\6884.020 - LAYOUT PLAN.dwg Apr 20, 2020 - 9:37am, khoeber