NOTES:
1. ANY CONNECTIONS ABOVE MANHOLE BASE SHALL BE CORED AND INSTALLED WITH RESILIENT FLEXIBLE CONNECTION. AN ADDITIONAL FLEXIBLE CONNECTION SHALL BE PLACED 24" OUTSIDE BASE.
2. IF PIPE CROWN TO FINISH GRADE IS BETWEEN 30" AND 39", USE A 18" CONE. IF LESS THAN 30" USE A FLAT SLAB TOP.

Abbreviations:
- AC - ASPHALT CONCRETE
- AB - AGGREGATE BASE
- APN - ASSESSOR PARCEL NUMBER
- C - CURB
- CL - CENTERLINE
- CIP - CAST-IN-PLACE
- CLR - CLEAR
- CMP - CORRUGATED METAL PIPE
- COMM - COMMUNICATION
- CONC - CONCRETE
- C.P. - CONCRETE PIPE
- DI - DRAINAGE INLET
- DIA - DIAMETER
- EG - EXISTING GRADE
- ELEC - ELECTRIC
- EP - EDGE OF PAVEMENT
- ETW - EDGE OF TRAVEL WAY
- (E) - EXISTING
- (E) - EAST
- FG - FINISH GRADE
- FL - FLOW LINE
- FT - FEET
- HDPE - HIGH DENSITY POLYETHYLENE
- HMA - HOT MIX ASPHALT
- HWY - HIGHWAY
- IN - INCH
- INV - INVERT
- L - LEFT
- LF - LINEAR FOOT
- MAX - MAXIMUM
- MIN - MINIMUM
- MH - MANHOLE
- (N) - NORTH
- (NE) - NORTH EAST
- (NS) - NORTH SOUTH
- NTS - NOT TO SCALE
- O.C. - ON CENTER
- OG - ORIGINAL GROUND
- OH - OVERHEAD
- PCC - PORTLAND CEMENT CONCRETE
- PVMT - PAVEMENT
- R - RIGHT
- RD - ROAD
- R/W - RIGHT OF WAY
- S - SLOPE
- (S) - SOUTH
- SD - STORM DRAIN
- (SE) - SOUTH EAST
- SHLD - SHOULDER
- SHT - SHEET
- SF - SQUARE FOOT
- SS - SANITARY SEWER
- STA - STATION
- STD - STANDARD
- ST - STREET
- (SW) - SOUTH WEST
- SW - SIDEWALK
- TBC - TOP BACK OF CURB
- TYP - TYPICAL
- (W) - WEST
- WH/AP - WHERE APPLICABLE
- WTR - WATER
- XING - CROSSING
1. Pipe to be laid with label up on each joint.

2. Compaction is relative to Caltrans California Test 231F or ASTM 1557.

3. Install #10 tracer wire on all appurtenances.

4. Pipe zone backfill shall be 3/8" minus imported screened sand with minimum sand equivalent of 50% per California Test 217-G. If groundwater is encountered, use 1" uniform crushed or non-crushed drain rock free of organic matter. Drain rock to be wrapped in geotextile fabric.

*Permanent paving to be coordinated with 2.5" cold plane & HMA improvements per Upper Broadway Bike Lanes Project (no surface joint allowed at edge of trench after final paving.).

CONSTRUCTION NOTES

SEWER SERVICE PIPE TRENCH SECTION

NOT TO SCALE

STORM DRAIN PIPE TRENCH SECTION

NOT TO SCALE

COLLAR DETAIL

NOT TO SCALE

6" OR LESS OF CLEARANCE TO CROSSING PIPE

NOT TO SCALE

COLLAR DETAIL
STORM DRAIN REPLACEMENT PROJECT

STORM DRAIN CENTERLINE ALIGNMENT CURVE SEGMENT (SEE TABLE ON THIS SHEET)

STORM DRAIN PLAN AND PROFILE - SD-A

CONSTRUCTION NOTES:

1. DEMOLISH EXISTING STORM DRAIN (137 LF) WITH 6" PVC SDR 26. (MAX DEPTH: 8 FT)

2. CLEAN (E)STORM DRAIN (137 LF) SERVICE FROM BACK OF WALK TO SSMH CONNECTION TO DI LINE SEGMENT (SEE TABLE ON THIS SHEET)

3. REMOVE AND REPLACE SANITARY SEWER TABLE SEGMENT (SEE TABLE ON THIS SHEET)

4. CONNECTION TO SDMH STORM DRAIN CENTERLINE ALIGNMENT CURVE SEGMENT (SEE TABLE ON THIS SHEET)

5. CONTRACTOR SHALL TAKE PRECAUTIONS TO PROTECT (E)UTILITIES IN APPROPRIATE LOCATION BASED ON SUBSURFACE UTILITY MARKOUT, FIELD SURVEY. ALL CITY OF PLACERVILLE APPROXIMATE AND ARE DETERMINED BY THE CITY OF PLACERVILLE (E)SERVICE CROSSINGS LOCATED ON STREET.

6. CONSTRUCTION NOTES:

- REMOVE AND REPLACE SANITARY SEWER TABLE SEGMENT (SEE TABLE ON THIS SHEET)
- CONNECTION TO SDMH STORM DRAIN CENTERLINE ALIGNMENT CURVE SEGMENT (SEE TABLE ON THIS SHEET)
- CONTRACTOR SHALL TAKE PRECAUTIONS TO PROTECT (E)UTILITIES IN APPROPRIATE LOCATION BASED ON SUBSURFACE UTILITY MARKOUT, FIELD SURVEY. ALL CITY OF PLACERVILLE APPROXIMATE AND ARE DETERMINED BY THE CITY OF PLACERVILLE (E)SERVICE CROSSINGS LOCATED ON STREET.

MATCHLINE STA 14+00

GRID EASTING:

GRID NORTHING:

STORM DRAIN C

CURVE DATA

LENGTH

RADIUS

DELTA

ELEVATION

BENCHMARK DATA

LENGTH

RADIUS

DELTA

ELEVATION

GRID EASTING

GRID NORTHING

LINE DATA

SCALE IN FEET

VERT. SCALE:

1" = 20'

HOR. SCALE:

1' = 4'

DEVELOPED BASE

WORKING BASE

SHEET LEGEND:

- Construction Note
- Storm Drain Centerline Alignment Line Segment (See Table on This Sheet)
- Storm Drain Plan and Profile - SD-A

CONTRACTOR:

- Civil Engineers
- Land Surveyors
- LiDAR

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