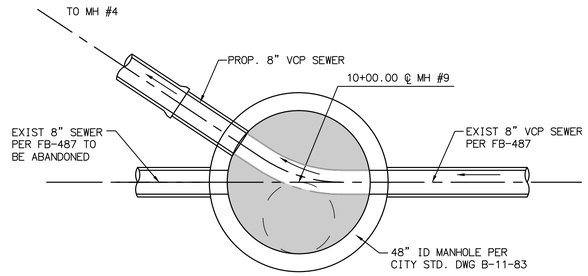
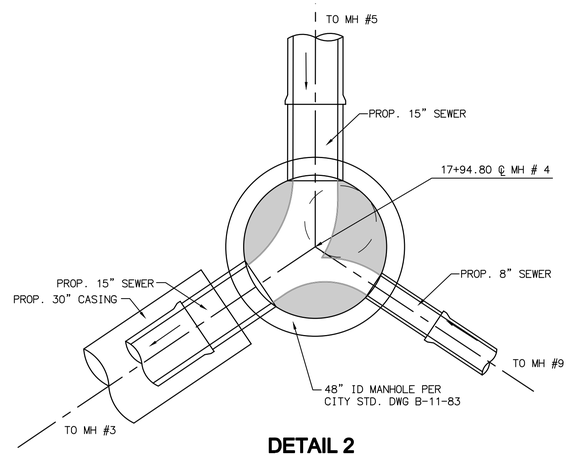
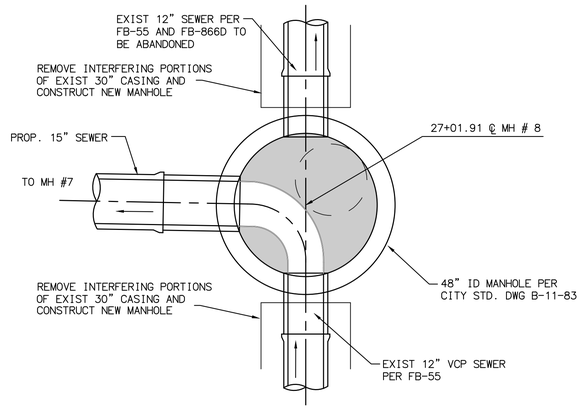


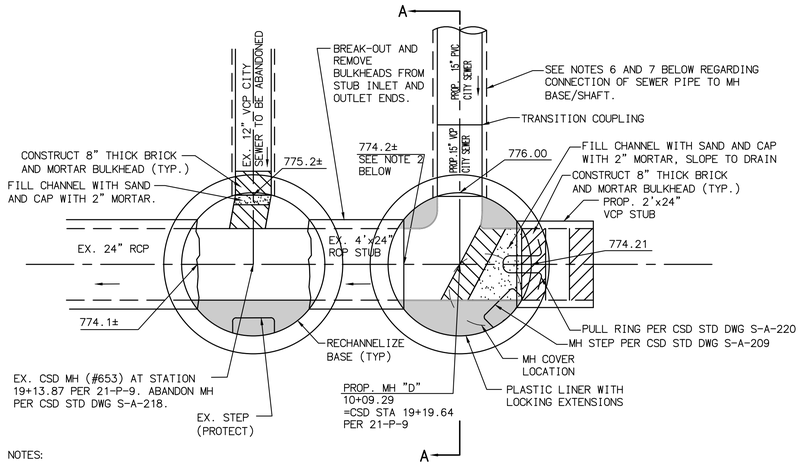
DETAIL 1
MH #9 10+00.00



DETAIL 2
MH #4 17+94.80



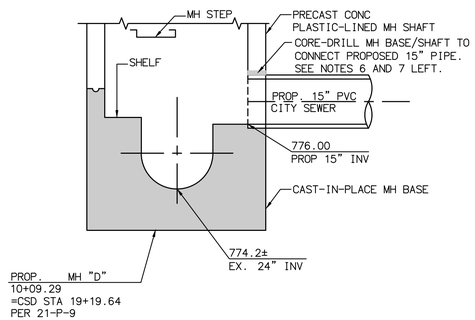
DETAIL 3
MH #8 27+01.91



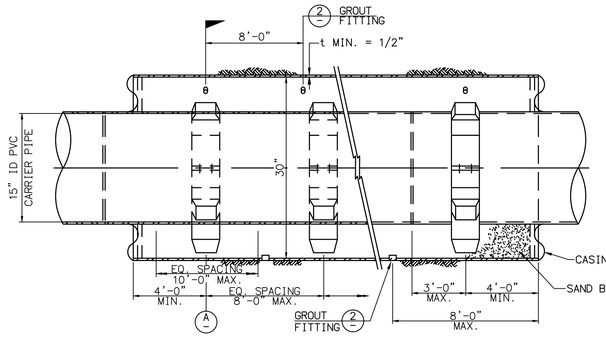
NOTES:

1. WHEN ALLOWED BY THE COUNTY SANITATION DISTRICTS (CSD) REPRESENTATIVE, THE CONTRACTOR SHALL REMOVE/BREAK-OUT THE CAP/BULKHEAD IN THE EXISTING 24" RCP STUB AND CONSTRUCT THE PROPOSED MANHOLE. ONCE THE MANHOLE HAS BEEN ACCEPTED BY THE CSD REPRESENTATIVE, THE CONTRACTOR SHALL BREAK-OUT THE BULKHEADS IN THE 24" INLET CHANNEL FROM THE EAST INSIDE CSD MH #653, RECHANNELIZE THE MANHOLE BASE AS NECESSARY, AND PLACE THE NEW 15" CITY SEWER IN SERVICE. THE CONTRACTOR SHALL THEN INSERT A FLOW-THRU PLUG IN CSD MH #653 TO CONTAIN THE FLOW AND CONSTRUCT BRICK AND MORTAR BULKHEADS IN THE 12" INLET CHANNEL FROM THE NORTH. THE CONTRACTOR SHALL THEN ABANDON CSD MH #653 PER CSD STD DWG S-A-218.
2. FIELD VERIFY LOCATION AND ELEVATION OF EXISTING 24" RCP STUB PRIOR TO CONSTRUCTION.
3. CONSTRUCT MANHOLE PER CSD STANDARD DRAWING S-A-204.
4. SUBMIT MANHOLE SHOP DRAWING, STACKING PLAN AND SHORING PLAN TO THE CSD SEWER DESIGN SECTION FOR APPROVAL PRIOR TO CONSTRUCTION.
5. NOTIFY MR. ABDUL EDOUNI, THE CSD RESIDENT ENGINEER AT (626) 962-8605 AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE START OF MANHOLE CONSTRUCTION TO ARRANGE FOR INSPECTION.
6. AFTER THE MANHOLE HAS BEEN CONSTRUCTED, CORE DRILL A CIRCULAR OPENING IN THE MANHOLE BASE/SHAFT (PIPE OD + 1" MAX) TAKING CARE NOT TO CAUSE EXCESS DAMAGE TO THE PLASTIC LINER, SEAL THE EXPOSED LINER JOINT AROUND THE OPENING WITH SIKADUR 31 EPOXY. INSTALL THE PROPOSED 15" PIPE, DRY PACK THE ANNULAR SPACE WITH NON-SHRINK GROUT, AND CHANNELIZE THE MANHOLE BASE. THE PROPOSED PIPE SHALL BE FLUSH WITH THE INSIDE SHAFT WALL.
7. PRIOR TO CONNECTING THE 15" PIPE TO THE MANHOLE, THE CONTRACTOR SHALL WRAP THE PIPE END TO BE WITHIN THE MANHOLE WALL WITH A HYDROPHILIC WATERSTOP. THE WATERSTOP SHALL BE ADEKA ULTRA SEAL MC-2005T WITH 3M 2141 BONDING AGENT, GREENSTREAK SWELLSTOP WITH SWEELSTOP PRIMER ADHESIVE, OR APPROVED EQUAL.

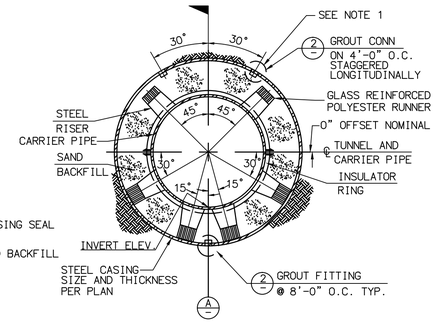
DETAIL 4
PROP. MH "D" AT 10+08.55
=CSD STA 19+19.64 PER 21-P-9
SCALE: 1/2" = 1'-0"



SECTION A-A
NTS



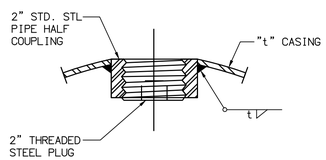
JACKED CASING 1
NTS



TUNNEL SECTION A
NTS

NOTE:

1. BLOCK INSIDE OF CASING AFTER INSTALLATION AND GROUT ALL VOIDS OUTSIDE OF CASING. MAXIMUM GROUT PRESSURE = 0.6 x OVERBURDEN PRESSURE.
2. BACKFILL ANNULAR SPACE BETWEEN CASING AND CARRIER PIPE WITH SAND.
3. FOR LOCATIONS OF PIPE IN JACKED STEEL CASING SEE PLANS.
4. ALL STEEL CASING PIPE FIELD JOINTS SHALL BE WELDED FULL CIRCUMFERENCE.
5. SEWER PIPE SHALL BE PRESSURE TESTED PER SPECIFICATIONS PRIOR TO PLUGGING ENDS OF CASING.



JACKED CASING GROUT CONNECTION 2
NTS

ACCEPTED
BY: "SEE SHEET NO. 1" DATE:
PUBLIC WORKS DIRECTOR

CONCURRED
BY: DATE:
WATER & WASTEWATER OPERATIONS

RECOMMENDED
BY: DATE:
CITY ENGINEER

C.O. NO. 8176
REFERENCE DWG. #

CITY OF POMONA
PUBLIC WORKS DEPARTMENT/ENGINEERING DIVISION

SEWER TRUNK – FAIRPLEX DRIVE
PROJECT NUMBER 586-86001
DETAIL SHEET

BENCHMARK

FOOTHILL BENCHMARK NO. 117.
L. AND N. ON CURB 40'± EAST OF ℄ OF TOWNE AVENUE AND 16'± SOUTH OF ℄ OF GROVE STREET
1965 ADJUSTED ELEVATION 1169.87

HOLT BENCHMARK NO. 383.
L. AND N. ON NORTH CURB OF HOLT AVE 65' EAST OF ℄ OF ERIE STREET AND WEST EDGE OF CATCH BASIN 1965 ADJUSTED ELEVATION 816.88

DIG ALERT
CALL BEFORE YOU DIG
SECTION 4216/4217 OF THE GOVERNMENT CODE REQUIRES A DIGALERT IDENTIFICATION NUMBER BE ISSUED BEFORE A "PERMIT TO EXCAVATE" WILL BE VALID. FOR YOUR DIGALERT I.D. NUMBER CALL UNDERGROUND SERVICE ALERT TOLL FREE TWO WORKING DAYS BEFORE YOU DIG.
811
CAUTION: REMEMBER THAT THE USA CENTER NOTIFIES ONLY THOSE UTILITIES BELONGING TO THE CENTER. THERE COULD BE OTHER UTILITIES PRESENT AT THE WORK SITE. THE CENTER WILL INFORM YOU OF WHOM THEY WILL NOTIFY.

REGISTERED PROFESSIONAL ENGINEER MICHAEL J. BOECK No. 66417 CIVIL STATE OF CALIFORNIA

RBF CONSULTING
PLANNING ■ DESIGN ■ CONSTRUCTION
40810 COUNTY CENTER DRIVE, SUITE 100
TEMECULA, CALIFORNIA 92591-6022
951.676.8042 • FAX 951.676.7240 • www.RBF.com

SIGNATURE
MICHAEL J. BOECK RCE 66417 DATE

REV	DESCRIPTION	DATE	BY
1	REVISED MH # 1 LOCATION, DETAIL 4	1/12/15	RBF
2			
3			
4			
5			
6			

SCALE: AS SHOWN

DESIGNED: PRIVATE ENGINEER
DRAWN: PRIVATE ENGINEER
CHECKED: PRIVATE ENGINEER
REVIEWED:
REVIEW – CONST:
REVIEW – TRAFFIC:

DT-1
SHEET 6 of 9

H:\PDATA\15102031\CADD\WATER\DLV\2031-DT-001.DWG JCHINAEFF 1/15/15 10:35 am