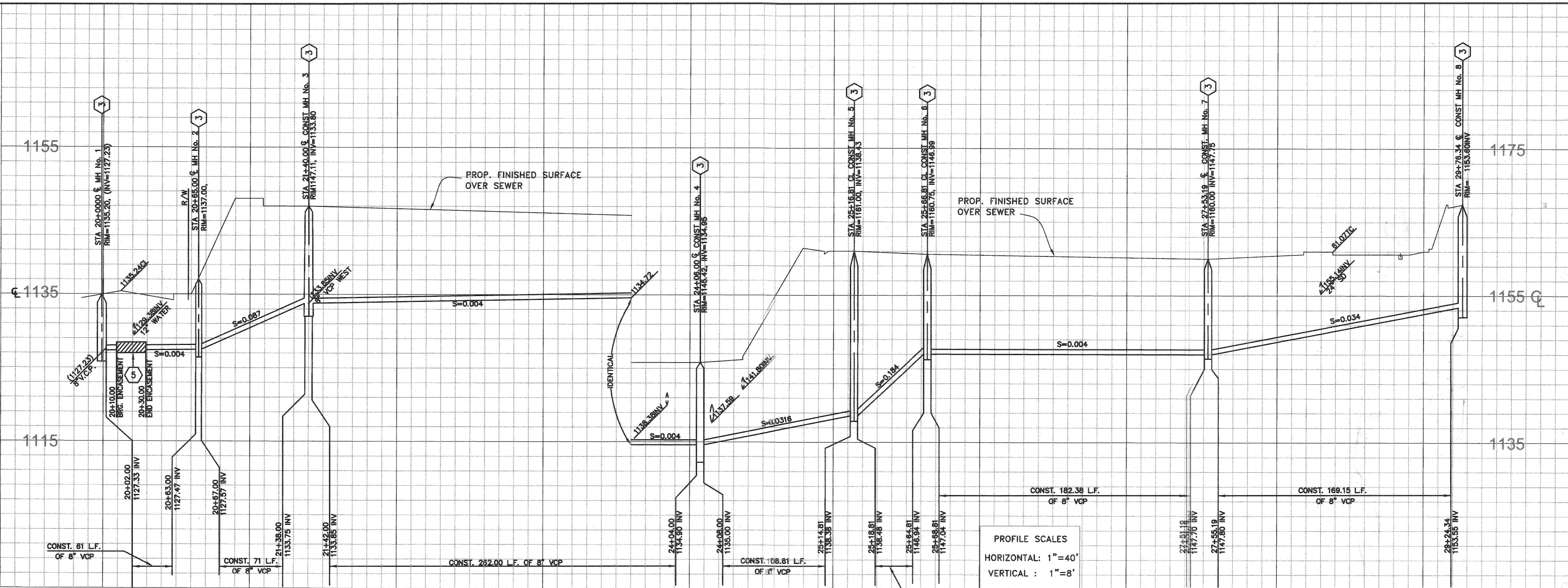


GENERAL NOTES:

- NO PERSON SHALL PERFORM ANY CONSTRUCTION ACTIVITY OR INSTALL ANY OBJECTS WITHIN THE PUBLIC RIGHTS-OF-WAY OR EASEMENTS OF THE CITY OF RIVERSIDE WITHOUT A VALID CONSTRUCTION PERMIT OR A STREET OPENING PERMIT OR AN ENCROACHMENT PERMIT ISSUED BY THE CITY'S PUBLIC WORKS DEPARTMENT.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CLEAR THE RIGHT OF WAY IN ACCORDANCE WITH THE PROVISIONS OF LAW AS IT EFFECTS EACH UTILITY INCLUDING IRRIGATION LINES AND APPURTENANCES AND AT NO COST TO THE CITY.
- CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE DEPARTMENT OF PUBLIC WORKS, STANDARD DRAWINGS, ITS SUPPLEMENTAL NOTES AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CURRENT EDITION.
- THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING ACCURACY AND ACCEPTABILITY OF THE WORK HEREON. IN THE EVENT OF DISCREPANCIES ARISING DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY THE CITY.
- QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
- THE DEVELOPER SHALL BE RESPONSIBLE FOR PRESERVING OR RE-ESTABLISHING AND REFERENCING SURVEY MONUMENTS DESTROYED, DISTURBED OR BURIED AS A RESULT OF CONSTRUCTION SHOWN HEREON.
- ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.
- ON ALL AREAS WITHIN PUBLIC RIGHT OF WAY WHERE THE FILL IS ONE (1) FOOT OR GREATER, A LETTER WILL BE REQUIRED FROM THE SOILS ENGINEER, CERTIFYING THE COMPACTION OF THE FILL BELOW SUBGRADE, PRIOR TO ISSUANCE OF THE CONSTRUCTION PERMIT/CUT SHEETS.
- THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (USA), PHONE # 1-800-227-2800, TWO WORKING DAYS BEFORE DIGGING. NO CONSTRUCTION PERMIT WILL BE ISSUED BY THE PUBLIC WORKS DEPARTMENT INVOLVING EXCAVATION FOR UNDERGROUND FACILITIES UNLESS THE APPLICANT HAS BEEN PROVIDED AN INQUIRY IDENTIFICATION NUMBER BY U.S.A.
- CONTRACTOR IS TO VERIFY EXISTING SEWER ELEVATION PRIOR TO CONSTRUCTION.
- LOCATION OF LATERALS TO BE DETERMINED IN THE FIELD AT THE DIRECTION OF THE OWNER. AVOID CONFLICT WITH PROPOSED AND/OR EXISTING LATERALS.
- NO FINISHED FLOOR ELEVATION SHALL BE LESS THAN 6" ABOVE THE UPPER MANHOLE RIM ELEVATION OF THE SEWER LINE SEGMENT BEING CONNECTED TO, WITHOUT HAVING A PROPER BACKWATER VALVE INSTALLED IN THE LATERAL.
- A PLUG SHALL BE INSTALLED AND WILL REMAIN IN PLACE WHERE THE NEW SEWER CONNECTS WITH THE EXISTING SEWER UNTIL THE NEW SEWER IS ACCEPTED BY THE CITY.
- THE SEWER CONTRACTOR SHALL ADJUST MANHOLES TO FINAL GRADE AFTER PAVING IS COMPLETED.
- THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.



NOTICE TO CONTRACTOR

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS IS FOR INFORMATION ONLY, HAVING BEEN OBTAINED BY A SEARCH OF AVAILABLE RECORDS. WHILE DUE CARE WAS TAKEN IN THE PREPARATION OF THIS MATERIAL, R.B. ENGINEERING CANNOT AND DOES NOT GUARANTEE THE ACCURACY NOR COMPLETENESS OF SAID INFORMATION.

ALL CONTRACTORS AND SUBCONTRACTORS PERFORMING WORK SHOWN ON OR RELATED TO THESE PLANS SHALL CONDUCT THEIR OPERATIONS SO THAT ALL EMPLOYEES ARE PROVIDED A SAFE PLACE TO WORK AND THE PUBLIC IS PROTECTED. ALL CONTRACTORS AND SUBCONTRACTORS SHALL COMPLY WITH THE "OCCUPATIONAL SAFETY AND HEALTH REGULATIONS" OF THE U.S. DEPARTMENT OF LABOR, AND THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL RELATIONS' "CONSTRUCTION SAFETY ORDERS".

THE CIVIL ENGINEER SHALL NOT BE RESPONSIBLE IN ANY WAY FOR THE CONTRACTORS' AND SUBCONTRACTORS' COMPLIANCE WITH THE "OCCUPATIONAL SAFETY AND HEALTH REGULATIONS" OF THE U.S. DEPARTMENT OF LABOR, AND THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL RELATIONS' "CONSTRUCTION SAFETY ORDERS".

WATER DEPARTMENT NOTE

DEVELOPER TO GIVE CITY WATER DIVISION FIVE (5) WORKING DAYS WRITTEN NOTICE PRIOR TO START OF CONSTRUCTION AND TO ALLOW CITY TEN (10) WORKING DAYS FOR COMPLETION OF WORK. (951) 351-6368

BENCH MARK J8-D3

LEAD & TACK IN TOP OF CURB 3.5' N/O BCR OF N/W CURB RETURN @ PALMYRITA AVE. & IOWA AVE.
CAUTION: THERE IS ALSO L&T AT MOC ADJ. AS PART OF AT&S RR @ IOWA PROJECT 2/96.

ELEVATION: 918.908

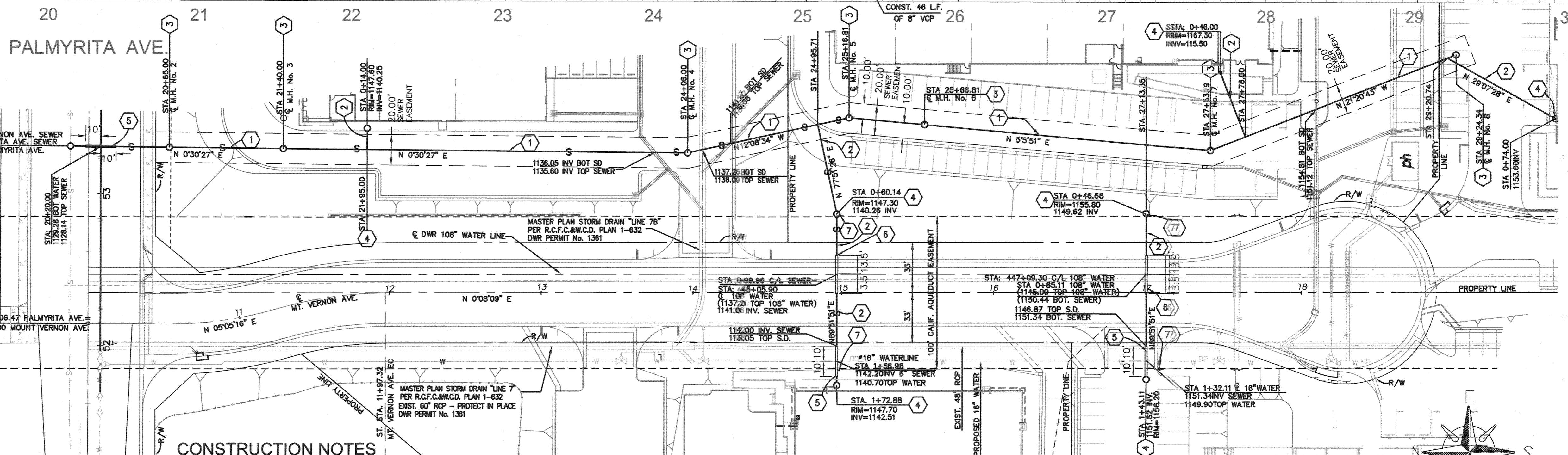
GENERAL NOTES FOR WORKING IN DWR EASEMENT

A SEVEN (7) DAY ADVANCE NOTIFICATION IS REQUIRED PRIOR TO STARTING WORK WITHIN STATE WATER PROJECT RIGHT OF WAY. CONTACT THE DEPARTMENT OF WATER RESOURCES, DIVISION OF ENGINEERING, ENCROACHMENT PERMIT SECTION, SACRAMENTO, CALIFORNIA AT (800) 600-4397. THE SOUTHERN FIELD DIVISION SHALL BE SIMULTANEOUSLY NOTIFIED AT (661) 944-8500.

EXCEPT AS OTHERWISE PROVIDED HEREIN, MEASURES SHALL BE TAKEN BY THE CONTRACTOR TO PROTECT IN PLACE ANY AND ALL SWP FACILITIES AND APPURTENANCES, INCLUDING BUT NOT LIMITED TO COMMUNICATION AND CONTROL CABLES AND CATHODIC PROTECTION TEST STATIONS. THE PERMITTEE AND CONTRACTOR WILL BE LIABLE FOR ALL DAMAGES TO SWP FACILITIES AND APPURTENANCES AS A RESULT OF THE CONSTRUCTION, AND FOR ANY OTHER DAMAGES OR LOSSES SUFFERED BY DWR OR ITS WATER CONTRACTORS, INCLUDING POWER, IRRIGATION, MUNICIPAL AND INDUSTRIAL WATER SUPPLY, AND COMMUNICATION LOSSES.

ALL TRENCH EXCAVATION SHALL COMPLY WITH THE MOST CURRENT OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION STANDARDS. TRENCH BACKFILL SHALL BE PLACED IN NO GREATER THAN 4-INCH LIFTS IF HAND COMPACTED, OR NO GREATER THAN 8-INCH LIFTS IF POWER COMPACTED. TRENCH BACKFILL COMPACTION WITHIN STATE WATER PROJECT RIGHT OF WAY SHALL BE COMPACTED TO 80 PERCENT RELATIVE COMPACTION (ASTM D1557), EXCEPT ACROSS SWP PIPELINES, ROAD, EMBANKMENTS, AND THROUGH PROTECTIVE DIKES, WHERE BACKFILL COMPACTION SHALL MEET 95 PERCENT (ASTM D1557).

CITY TAX CERTIFICATE NO. 106813, EXP. 03/14/2008



CONSTRUCTION NOTES

CONSTRUCTION BY CONTRACTOR

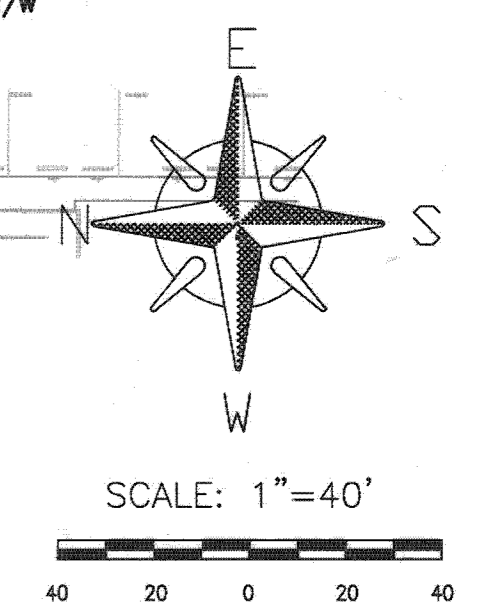
- CONST. 8" V.C.P. SEWER, CASE 1 BEDDING PER CITY OF RIVERSIDE STD. 452
- CONST. 6" V.C.P. SEWER LATERAL PER CITY OF RIVERSIDE STD. 562
- CONST. SEWER MANHOLE PER CITY OF RIVERSIDE STD. 500
- CONST. SEWER CLEANOUT PER CITY OF RIVERSIDE STD. 562A
- ENCASE SEWER LINE PER CWD DETAILS ON SHEET NO. 2
- CONST. STEEL SLEEVE PER DETAIL "A" ON SHEET NO. 2
- INSTALL SEWER LINE DWR UTILITY WARNING SIGN PER DWR STANDARDS AND SPECIFICATIONS

QUANTITIES

- 903 LF
- 404 LF
- 8 EA
- 6 EA
- 60 LF
- 50 LF
- 4 EA.

MT. VERNON AVENUE

NOTE:
FOR PROPOSED SEWER CROSSINGS OVER EXISTING 108" DWR LINE AT MT. VERNON SEWER STA 24+65.71 AND 27+13.35
SEE SHEET 2 OF 2



UNDERGROUND SERVICE ALERT
CALL TOLL FREE:
1-800-227-2600
TWO WORKING DAYS BEFORE YOU DIG

CITY OF RIVERSIDE
PUBLIC UTILITIES DEPARTMENT
WATER DIVISION
APPROVED BY: *MW McNeil* DATE: *4/26/07*

R.B. ENGINEERING
3198 N. ASHWOOD STREET
ORANGE, CA 92665
PHONE (714) 637-8100
FAX (714) 921-2221
ROBERT J. BELL
R.C.E. 37888 EXP. 3-31-09

PROFESSIONAL ENGINEER
ROBERT J. BELL
CIVIL
STATE OF CALIFORNIA
No. 37888
Exp. 3-31-09
DATE: *3-20-07*

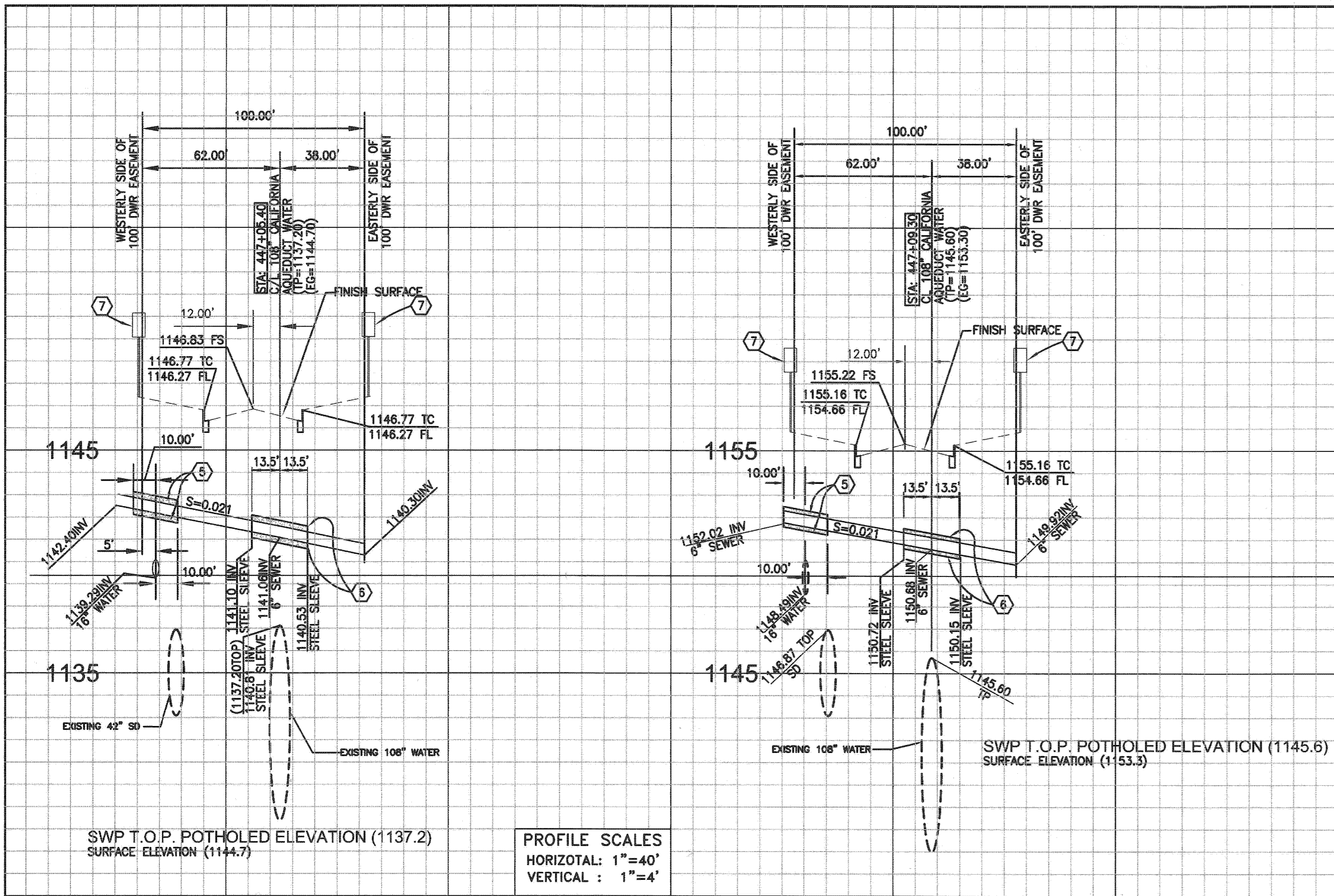
DESIGNED BY: C.H. DRAWN BY: C.H. CHECKED BY: R.B.
MARK REVISIONS APPR. DATE

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT
APPROVED BY: *[Signature]* DATE: *4/26/07*
APPROVED BY: *[Signature]* DATE: *4/26/07*
CITY ENGINEER

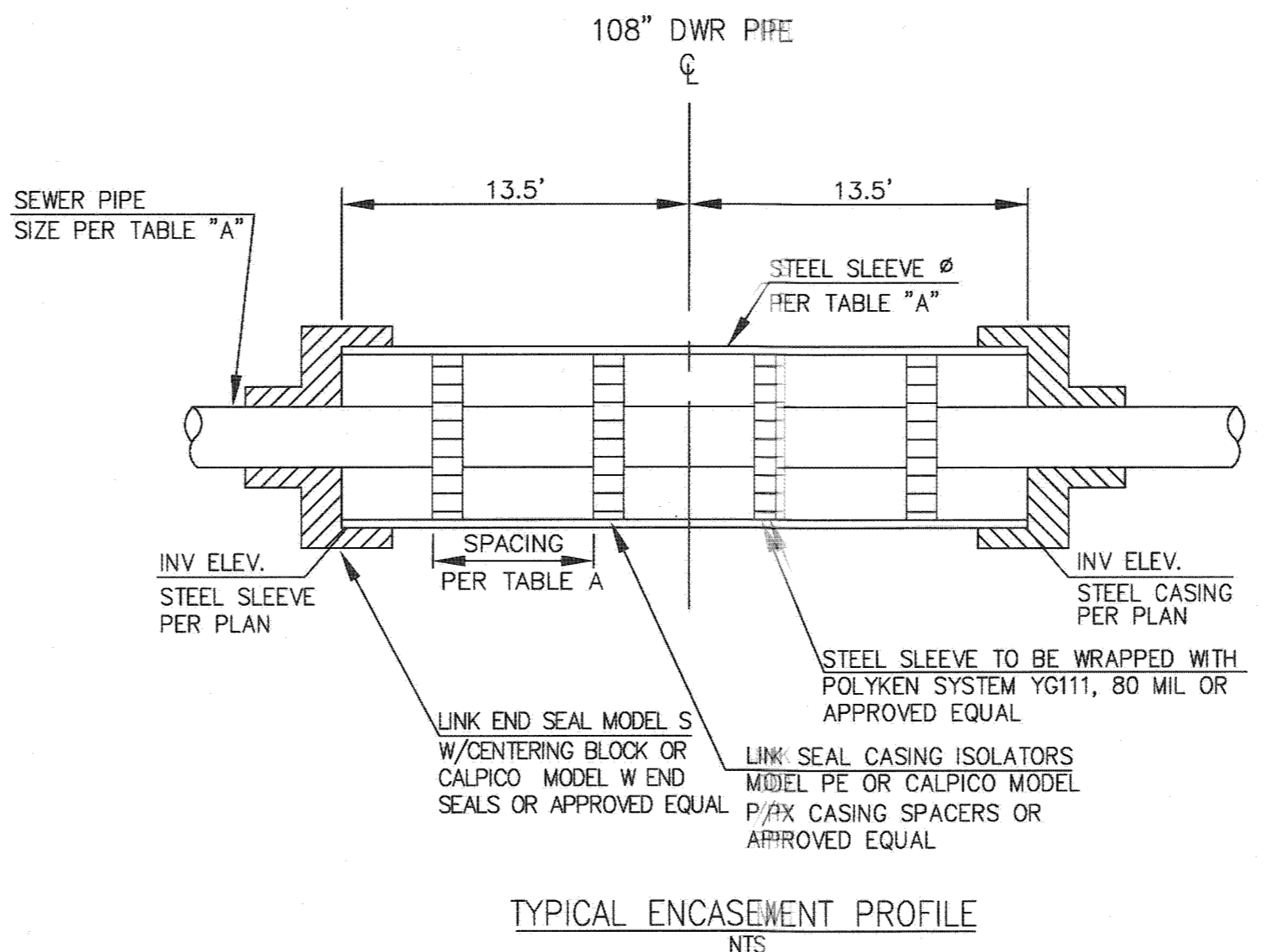
MT. VERNON AVENUE
SEWER IMPROVEMENT PLANS
FROM STA 20+00.00 TO STA 28+96.39
SCALE: 1" = 40'

PW06-0716
DRAWING NO. **S-2010**
SHEET 1 OF 2
CADME PG:

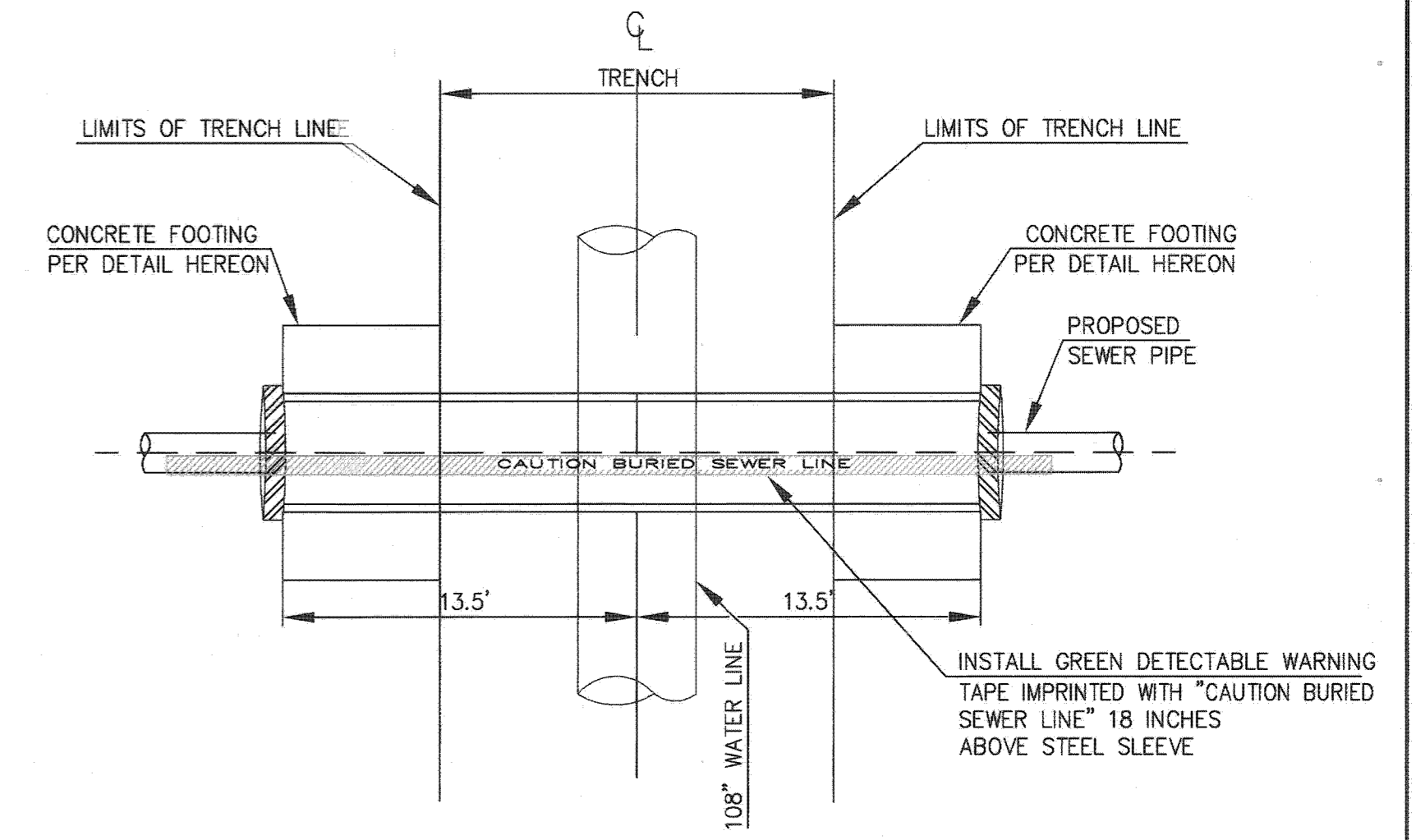
INDEXED 8-14-07 LFT



SEWER CROSSING AT SEWER STA. 24+95.71 STA. 445+05.90 ϕ DWR 108" WATER LINE
 SEWER CROSSING AT SEWER STA. 27+13.35 STA. 445+09.30 ϕ DWR 108" WATER LINE



TYPICAL ENCASMENT PROFILE NTS

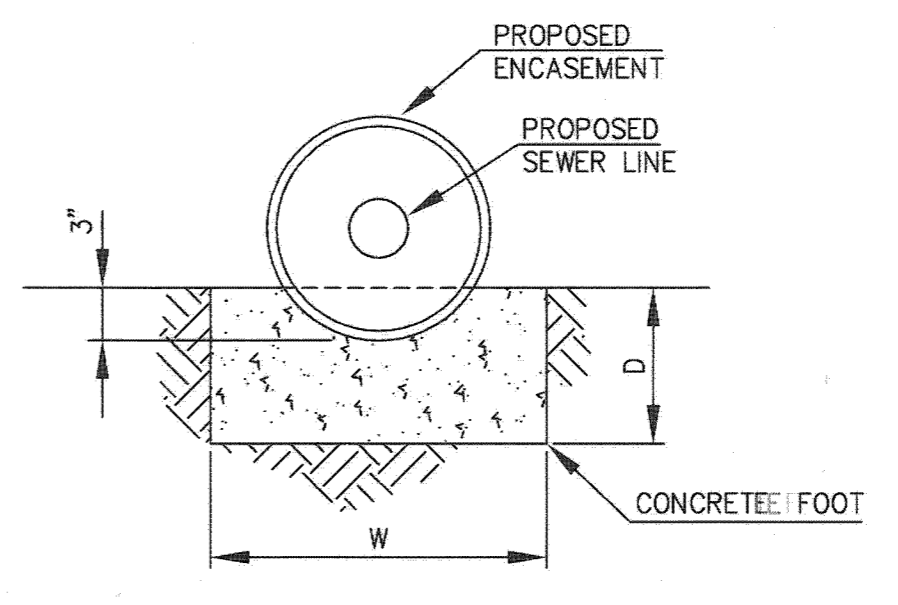


TYPICAL ENCASMENT PLAN VIEW STEEL SLEEVE ENCASING NTS

TABLE "A"

SEWER PIPE	STEEL SLEEVE/WALL THICKNESS	CASING ISOLATOR SPACE (*)	WxLxD FOOTING SIZE
6" VCP	12" ID-0.375	4' TO 5'	3X3X1

* SHALL CONFORM TO MANUFACTURERS RECOMMENDATIONS



TYPICAL FOOTING DETAIL NTS

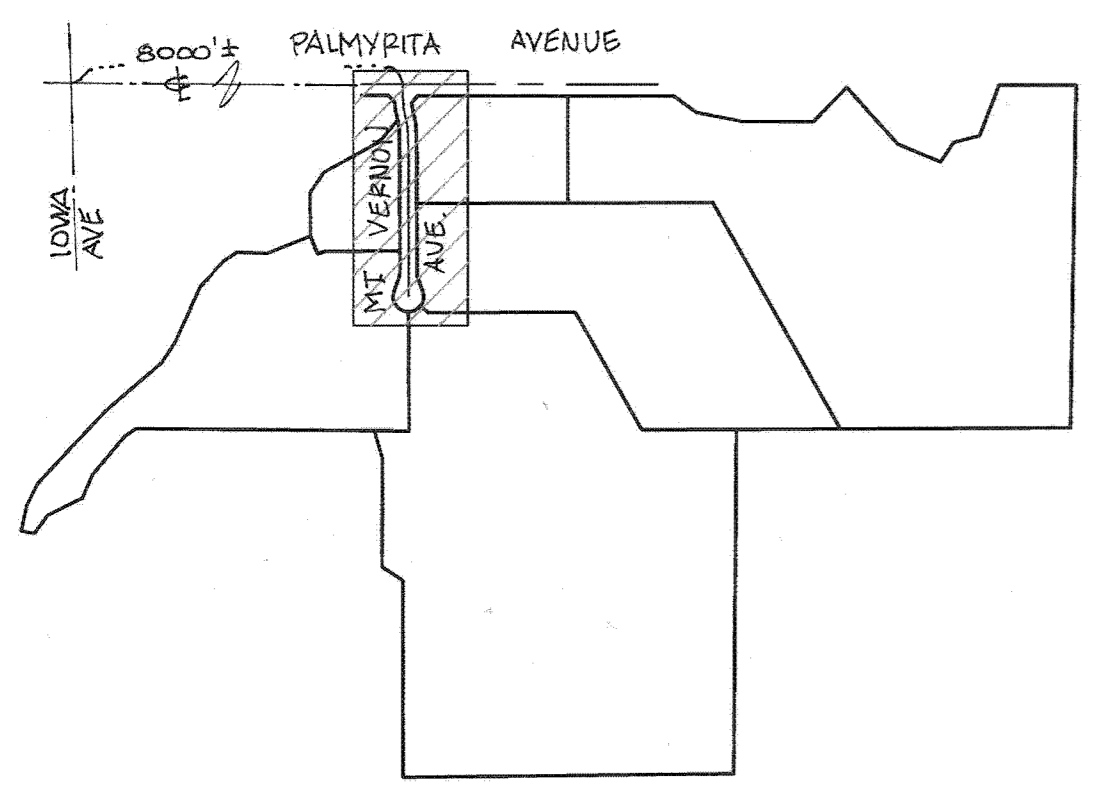
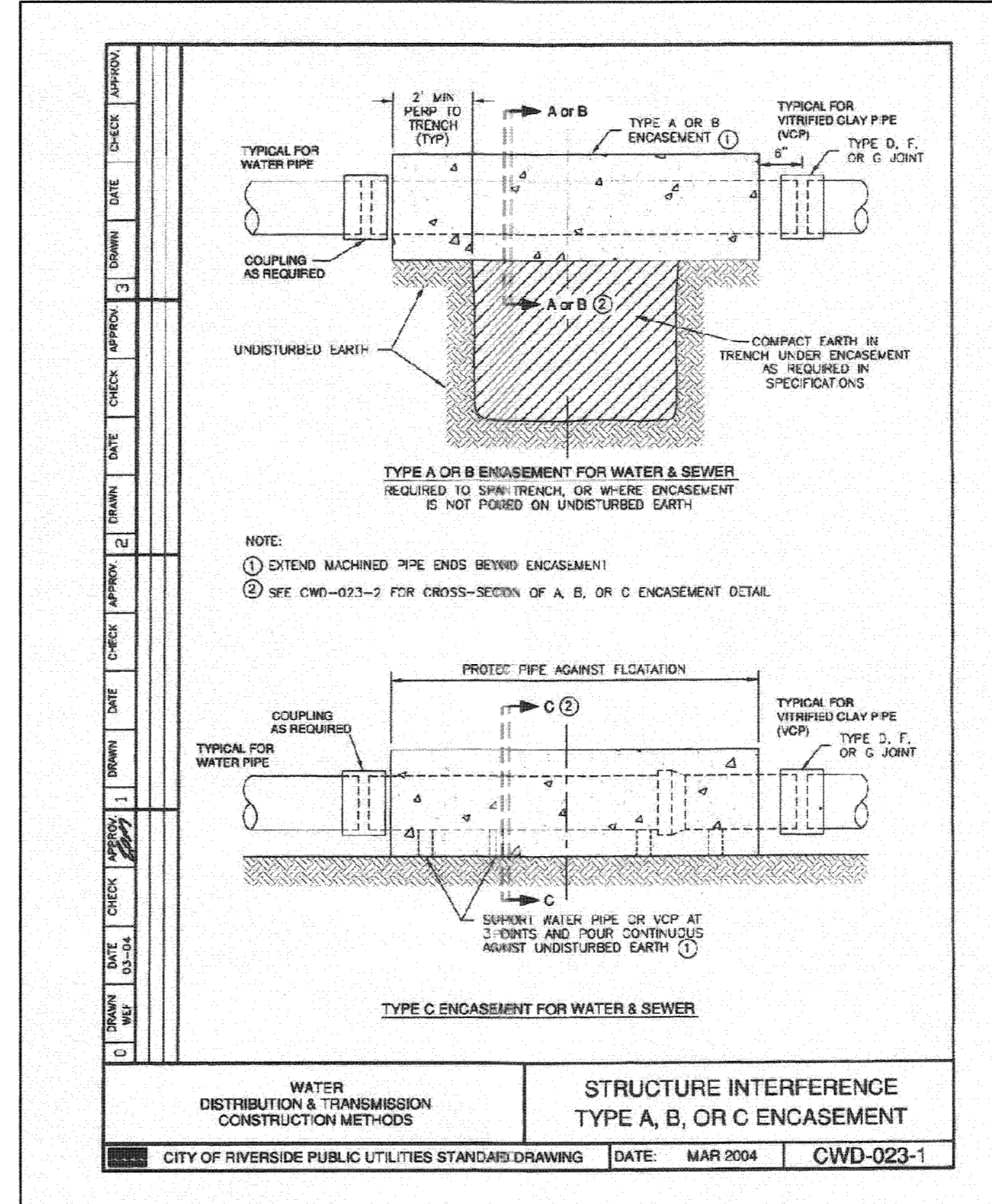
GENERAL NOTES: STEEL CASING

- STEEL SHAPES TO BE ASTM A500 GRADE B MIN. $F_y=42$ KSI
- PROPOSED SERVICES MAY REQUIRE SHORING EXCAVATION PER OSHA REQUIREMENTS
- PROVIDE ACCESS AND BARRICADING PER OSHA REQUIREMENTS
- CONTRACTOR TO VERIFY THAT REQUIRED CLEARANCES ARE OBTAINED
- CONTRACTOR TO VERIFY LOCATION OF ALL EXISTING UNDERGROUND UTILITIES AND/OR PIPES, PRIOR TO COMMENCING EXCAVATION, IN ORDER TO ELIMINATE ANY CONFLICTS WITH SHORING SYSTEM.
- FOOTING SHALL BE CLASS 560-C-3250 PER STD. SPECIFIED.
- FOOTING TO BE POURED AGAINST COMPACTED EARTH PRIOR TO PLACEMENT OF CONCRETE. THE SOILS ENGINEER SHALL INSPECT FOOTING EXCAVATION.

CONSTRUCTION NOTES

- ENCASE SEWERLINE PER CWD DETAIL HEREON.
- CONSTRUCT STEEL SLEEVE PER DETAIL "A" HEREON.
- INSTALL SEWER LINE DWR UTILITY WARNING SIGN PER DWR STANDARDS AND SPECIFICATIONS

SEWER ENCASMENT DETAIL AT DOMESTIC WATER STORM DRAIN CROSSINGS



KEY MAP NO SCALE

GENERAL NOTES FOR WORKING IN DWR EASEMENT

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OWNER / DEVELOPER

BIRCHER RIVERSIDE MT. VERNON, LLC.
 18201 VON KARMEN, SUITE 1170
 IRVINE, CA 92612
 PHONE (949) 502-5506

LEGAL DESCRIPTION

PARCELS "A" AND "B" OF LOT LINE ADJUSTMENT NO. P05-0776, RECORDED MARCH 24, 2006 AS INSTRUMENT NO. 2006-0209524, OF OFFICIAL RECORDS OF RIVERSIDE COUNTY, CALIFORNIA.

PARCELS "C" AND "D" OF LOT LINE ADJUSTMENT NO. P05-0778, RECORDED MARCH 24, 2006 AS INSTRUMENT NO. 2006-0209526, OF OFFICIAL RECORDS OF RIVERSIDE COUNTY, CALIFORNIA.

UNDERGROUND SERVICE ALERT
 CALL TOLL FREE:
1-800-227-2600
 TWO WORKING DAYS BEFORE YOU DIG

CITY OF RIVERSIDE
 PUBLIC UTILITIES DEPARTMENT
 WATER DIVISION

MW MCLD
 APPROVED BY

APR 10 2007
 DATE

3198 N. ASHWOOD STREET
 ORANGE, CA 92665
 PHONE (714) 637-8100
 FAX (714) 921-2223

ROBERT J. BELL
 R.C.E. 37888 EXP. 3-31-09

3-20-07
 DATE

MARK REVISIONS APPR. DATE
 DESIGNED BY: C.H. DRAWN BY: C.H. CHECKED BY: R.B.

CITY OF RIVERSIDE
 PUBLIC WORKS DEPARTMENT

APPROVED BY: DATE BY: APPROVED BY: DATE
 PRINCIPAL ENGINEER: DATE BY: CIVIL ENGINEER: DATE

MT. VERNON AVENUE
 SEWER IMPROVEMENT PLAN

PW06-0716
 DRAWING NO. S-2010
 SHEET 2 OF 2
 CADME PG.:

SCALE: 1" = 40'