

**GENERAL NOTES**

GENERAL SEWER NOTES

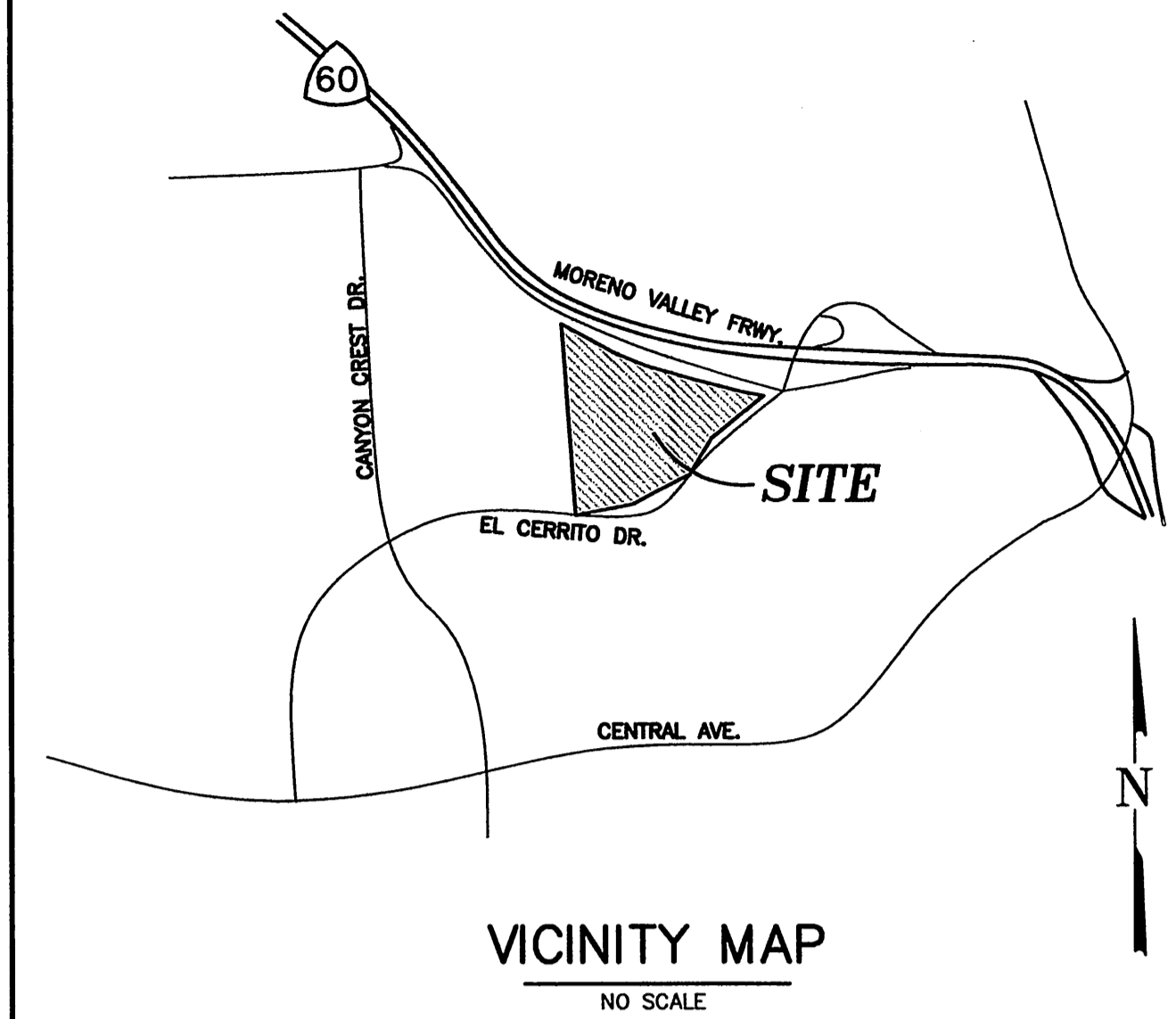
1. THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF THE WORK HEREON. IN THE EVENT OF DISCREPANCIES ARISING DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AND ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY THE CITY.
2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CLEAR THE RIGHT OF WAY IN ACCORDANCE WITH THE PROVISIONS OF LAW AS IT AFFECTS EACH UTILITY INCLUDING IRRIGATION, GAS LINES AND APPURTENANCES AND AT NO COST TO THE CITY.
3. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE DEPT. OF PUBLIC WORKS, STD. DWGS., ITS SUPPLEMENTAL NOTES AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CURRENT EDITION.
4. LOCATION OF LATERALS TO BE DETERMINED IN THE FIELD AT THE DIRECTION OF THE OWNER. AVOID CONFLICT WITH PROPOSED AND/OR EXISTING FACILITIES.
5. CONTRACTOR IS TO VERIFY EXISTING SEWER ELEVATION PRIOR TO CONSTRUCTION.
6. THE SEWER CONTRACTOR SHALL ADJUST MANHOLES TO FINAL GRADE AFTER PAVING IS COMPLETED.
7. 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.
8. 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 OF RIVERSIDE.
9. ALL MANHOLES TO BE CITY OF RIVERSIDE STANDARD NO. 500.
10. ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.
11. THE CONTRACTOR SHALL CALL IN A LOCATIONS REQUEST TO UNDERGROUND SERVICE ALERT (USA), PHONE NO. 1-800-227-2600, 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.
12. THE DEVELOPER SHALL BE RESPONSIBLE FOR PRESERVING OR REESTABLISHING AND REFERENCING SURVEY MONUMENTS DESTROYED, DISTURBED OR BURIED AS A RESULT OF CONSTRUCTION SHOWN HEREON.
13. TRENCH BACKFILL TO BE PER CITY OF RIVERSIDE STD. NO. 453.
14. QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
15. ANY TRAFFIC CONTROL STRIPING OBLITERATED AND/OR BADLY WORN DURING CONSTRUCTION SHALL BE RESTORED BY THE CONTRACTOR WITHIN FIVE DAYS AFTER NOTIFICATION FROM THE CITY INSPECTORS.
16. 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.
17. PIPE BEDDING SHALL BE CASE II PER CITY STD DRAWING NO 452.

**SEWER IMPROVEMENT PLANS**

**TR. 32820**

FOR

**VAN DAELE DEVELOPMENT CORPORATION**



<b>OWNER</b> VAN DAELE DEVELOPMENT CORPORATION 2800 ADAMS STREET STE C-25 RIVERSIDE, CA 92504 (951)354-2121	<b>JOB ADDRESS</b> NORTHWEST CORNER OF SYCAMORE CANYON BLVD. AND EL CERRITO DRIVE
<b>SOIL ENGINEER</b> JOHN R. BYERLY INCORPORATED 2257 S. LILAC AVE. BLOOMINGTON, CA 92316-2907 (909) 877-1324	<b>CIVIL ENGINEER</b> THIELMANN ENGINEERS 221 S. GLASSSELL STREET ORANGE, CA 92666 (714) 744-9700 FAX 744-9312
<b>ASSESSOR'S PARCEL No'S</b> 253-190-002, -006, -008, -011, 253-240-025, 051-978-745	

**PRIVATE ENGINEERS NOTICE TO CONTRACTOR**

SAFETY RESPONSIBILITY

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, that the requirements shall apply continuously and not be limited to normal working hours; and that the contractor shall defend, indemnify and hold the owner and the engineer 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 the engineer.

EXISTING UNDERGROUND STRUCTURES

The existence and location of any underground utilities or structures shown in these plans are obtained by a search of 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 all precautionary measures to protect the utilities shown, and any other lines or structures not shown on these plans, and is responsible for the protection of, and any damage to these lines or structures. The contractor shall call Digalert and have all utilities marked before digging.

**CONSTRUCTION NOTES**

1. CONSTRUCT SEWER MANHOLE PER STD DWG NO 500 10 EA
2. CONSTRUCT 8" PVC SEWER LINE SDR-35 2,215 LF
3. CONSTRUCT 4" SEWER LATERAL WITH PL CLEANOUT PER STD DWG 562A 43 EA



CITY OF RIVERSIDE ELECTRIC <i>Butman</i> 6-7-06 REVIEWED BY: DATE	CITY OF RIVERSIDE WATER <i>MW MULL</i> 6/7/06 REVIEWED BY: DATE	BENCH MARK No. H8-J3 ELEV. 1088.225 LOCATION: PK NAIL AND CITY ENGINEER TAG IN THE CATCH BASIN WING AT THE NORTHEASTERLY CURB RETURN AT CANYON CREST DRIVE AND EL CERRITO DRIVE.	PW05-1068
---	---	---	-----------

**THIELMANN ENGINEERS**

221 S GLASSSELL ST ORANGE, CA 92666  
(714) 744-9700 FAX (714) 744-9312

CITY BUSINESS TAX CERTIFICATE NO.122545 EXPIRES 11-28-06

DATE	BY	MARK	REVISIONS	APPR. DATE
DESIGNED BY				
DRAWN BY				
CHECKED BY				

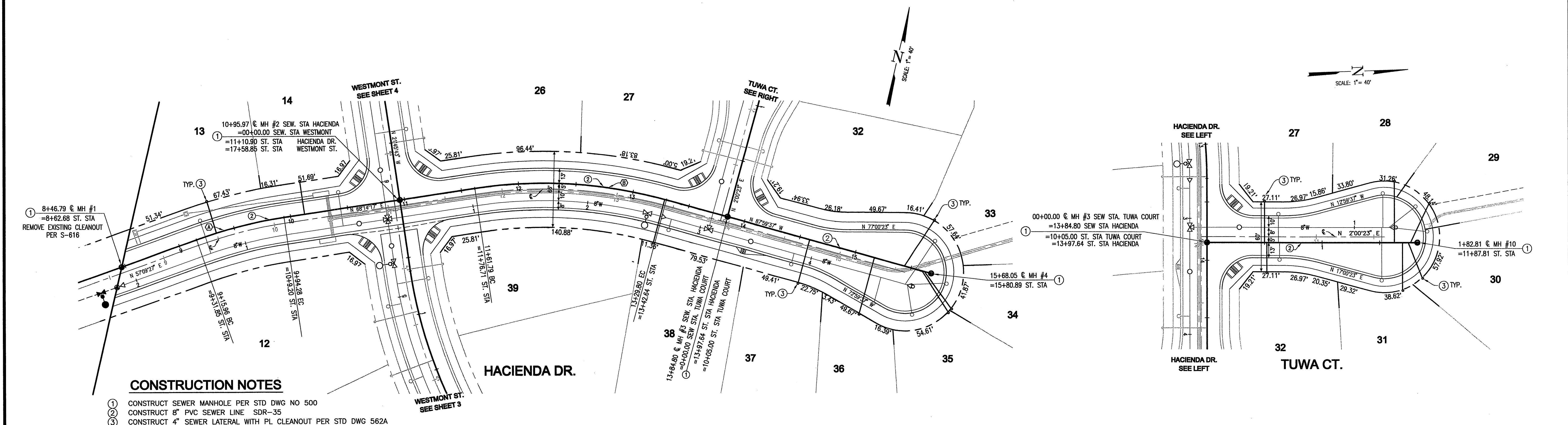
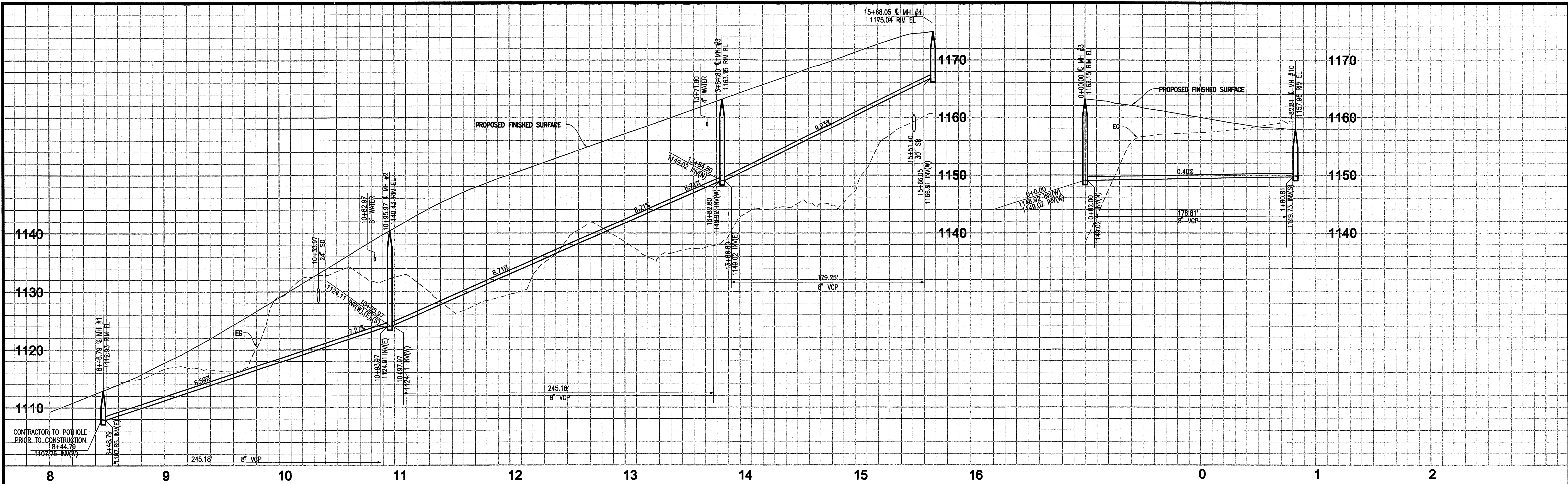


PREPARED BY *Jens Thielmann* DATE 6-6-06  
R.C.E. No. 25742 EXP. DATE 12/31/07

**CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT**

APPROVED BY PRINCIPAL ENGINEER <i>[Signature]</i>	DATE 6/20/06	BY CITY ENGINEER <i>[Signature]</i>	DATE 6/20/06
---	-----------------	---	-----------------

<b>SEWER IMPROVEMENT PLAN</b> TRACT 32820 SEWER IMPROVEMENT PLANS <b>TITLE SHEET</b>	ACCOUNT NO S-1948 SHEET 1 OF 4
---	--------------------------------------



**CONSTRUCTION NOTES**

- ① CONSTRUCT SEWER MANHOLE PER STD DWG NO 500
- ② CONSTRUCT 8" PVC SEWER LINE SDR-35
- ③ CONSTRUCT 4" SEWER LATERAL WITH PL CLEANOUT PER STD DWG 562A

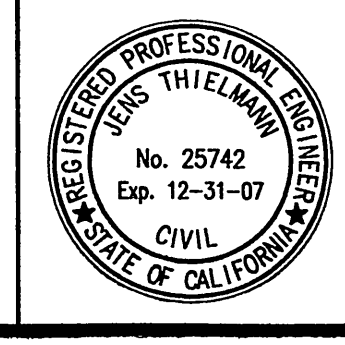
**UNDERGROUND SERVICE ALERT**  
CALL TOLL FREE  
1-800-227-2600  
TWO WORKING DAYS BEFORE YOU DIG

CURVE TABLE				
#	Δ	R	L	T
(A)	11°04'50"	405'	78.32'	39.28'
(B)	23°46'06"	405'	168.01'	85.23'

CITY OF RIVERSIDE ELECTRIC REVIEWED BY: <i>[Signature]</i> DATE: 6-7-06	CITY OF RIVERSIDE WATER REVIEWED BY: <i>[Signature]</i> DATE: 6/7/06	BENCH MARK No. H8-J3 ELEV. 1088.225 LOCATION: PK NAIL AND CITY ENGINEER TAG IN THE CATCH BASIN WING AT THE NORTHEASTERLY CURB RETURN AT CANYON CREST DRIVE AND EL CERRITO DRIVE.	PW05-1068
--	---	---	-----------

**THIELMANN ENGINEERS**  
221 S GLASSSELL ST ORANGE, CA 92866  
(714) 744-9700 FAX (714) 744-9312  
CITY BUSINESS TAX CERTIFICATE NO.122545 EXPIRES 11-28-06

DATE	BY	MARK	REVISIONS	APPR.	DATE	
DESIGNED BY	JT		DRAWN BY	JS	CHECKED BY	GT



PREPARED BY: *[Signature]* DATE: 6-6-06  
R.C.E. No. 25742 EXP. DATE 12/31/07

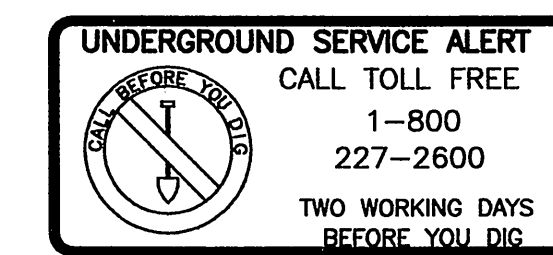
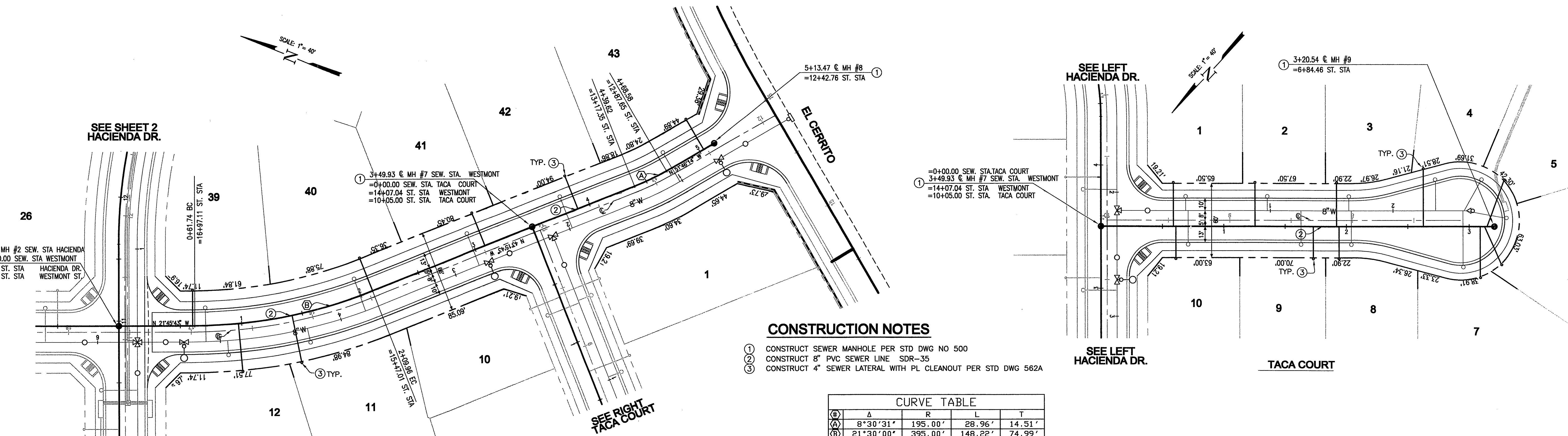
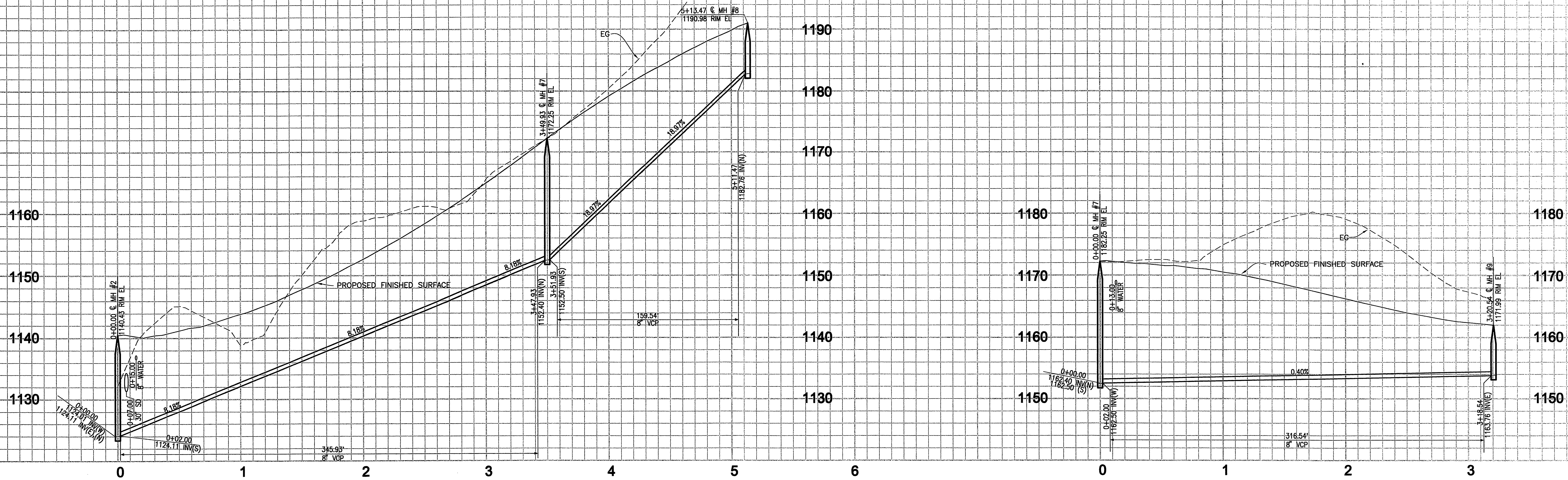
**CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT**

APPROVED BY: *[Signature]* DATE: 6/22/06  
PRINCIPAL ENGINEER  
CITY ENGINEER

**SEWER IMPROVEMENT PLAN**

TRACT 32820  
PLAN AND PROFILE  
STA 8+46.79 TO 15+68.05  
HACIENDA DR.  
STA 00+00 TO 1+83  
TUWA CT.  
HORIZONTAL SCALE: 1"=40' VERTICAL SCALE: 1"=8'

ACCOUNT NO. S-1948  
SHEET 2 OF 4

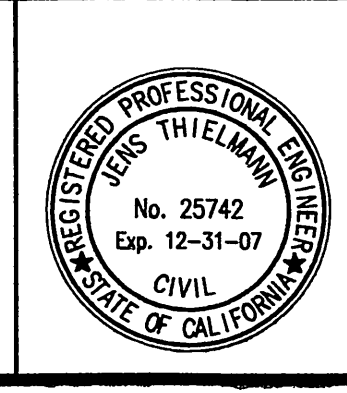


SEE SHEET 2 HACIENDA DR.  
WESTMONT ST.  
SOUTHERLY

CITY OF RIVERSIDE ELECTRIC REVIEWED BY: <i>Sumner</i> DATE: 6.7.06	CITY OF RIVERSIDE WATER REVIEWED BY: <i>MW McEl</i> DATE: 6/7/06	BENCH MARK No. H8-J3 ELEV. 1088.225 LOCATION: PK NAIL AND CITY ENGINEER TAG IN THE CATCH BASIN WING AT THE NORTHEASTERLY CURB RETURN AT CANYON CREST DRIVE AND EL CERRITO DRIVE.	PW05-1068
---	---	---	-----------

**THIELMANN ENGINEERS**  
221 S GLASSSELL ST ORANGE, CA 92666  
(714) 744-9700 FAX (714) 744-9312  
CITY BUSINESS TAX CERTIFICATE NO.122545 EXPIRES 11-28-06

DATE	BY	MARK	REVISIONS	APPR.	DATE
DESIGNED BY	JT	DRAWN BY	JS	CHECKED BY	GT

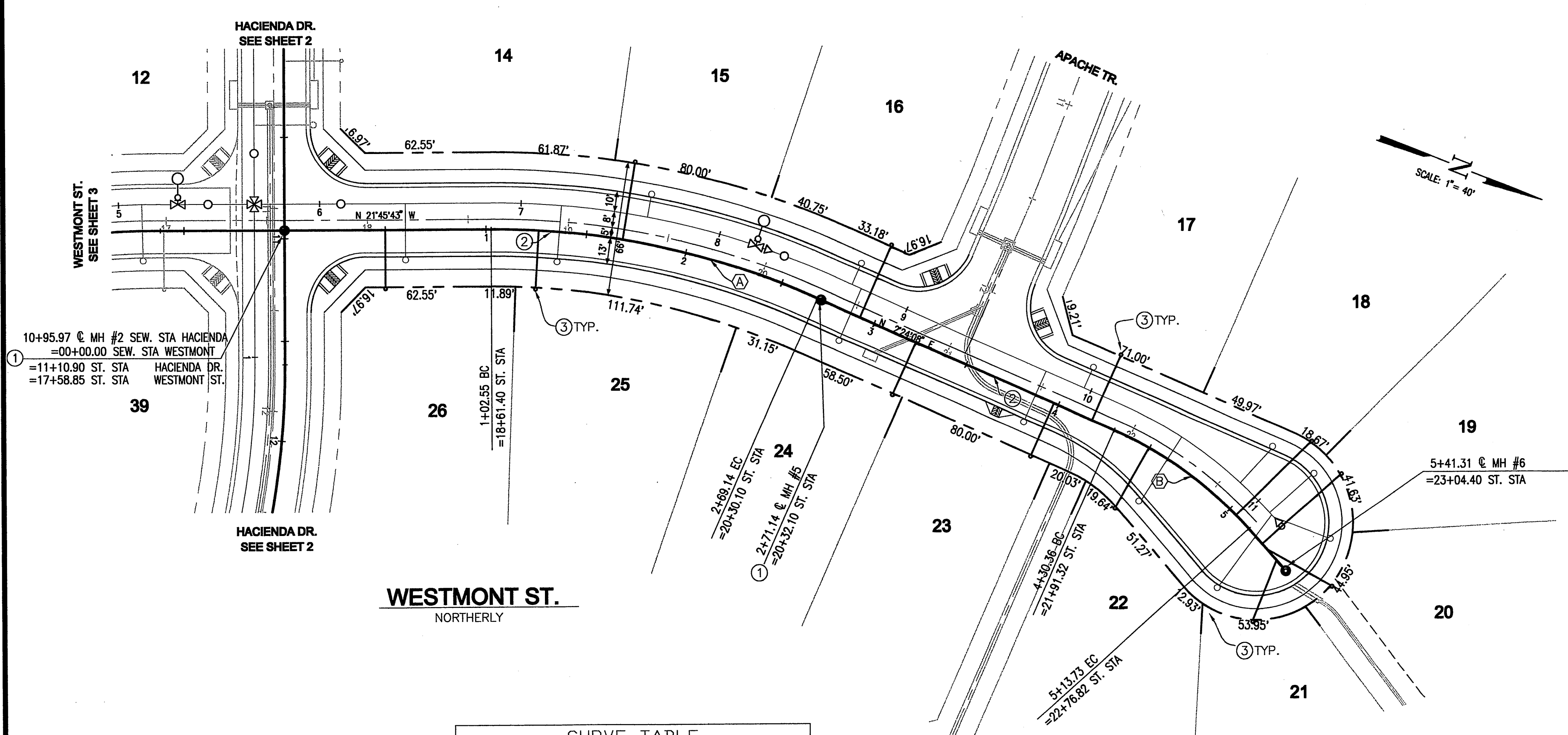
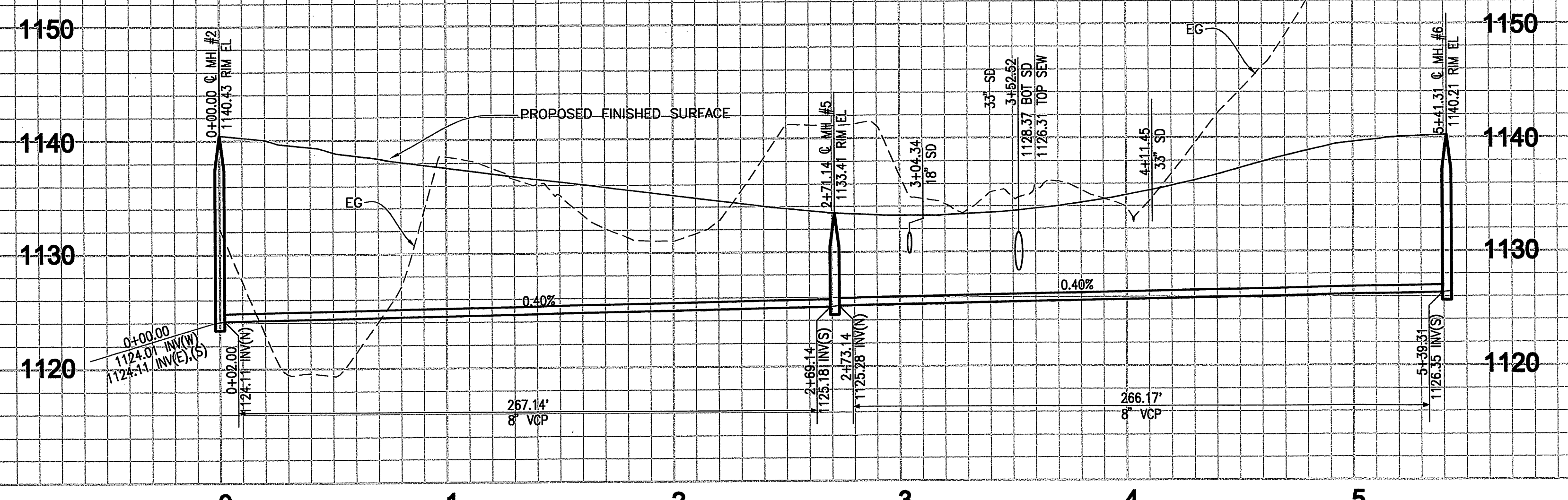


PREPARED BY: *Jens Thielmann* DATE: 6-6-06  
R.C.E. No. 25742 EXP. DATE: 12/31/07

**CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT**  
APPROVED BY: *John P. ...* DATE: 6/22/06  
PRINCIPAL ENGINEER  
CITY ENGINEER

**SEWER IMPROVEMENT PLAN**  
TRACT 32820  
PLAN AND PROFILE  
STA 00+00 TO 5+13  
WESTMONT ST.  
STA 00+00 TO 3+21  
TACA COURT  
HORIZONTAL SCALE: 1"=40' VERTICAL SCALE: 1"=8'

ACCOUNT NO: S-1948  
SHEET 3 OF 4



**CONSTRUCTION NOTES**

- ① CONSTRUCT SEWER MANHOLE PER STD DWG NO 500
- ② CONSTRUCT 8" PVC SEWER LINE SDR-35
- ③ CONSTRUCT 4" SEWER LATERAL WITH PL CLEANOUT PER STD DWG 562A

CURVE TABLE				
④	Δ	R	L	T
①	24°09'51"	395.00'	166.59'	84.55'
②	24°29'41"	195.00'	83.36'	42.33'

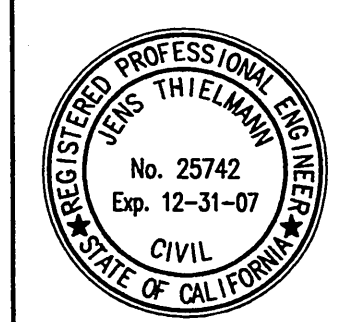
CITY OF RIVERSIDE ELECTRIC REVIEWED BY: <i>Buttman</i> DATE: 6-7-06	CITY OF RIVERSIDE WATER REVIEWED BY: <i>MW McLeod</i> DATE: 6/7/06	BENCH MARK No. HB-J3 ELEV. 1088.225 LOCATION: PK NAIL AND CITY ENGINEER TAG IN THE CATCH BASIN WING AT THE NORTHEASTERLY CURB RETURN AT CANYON CREST DRIVE AND EL CERRITO DRIVE.	ACCOUNT NO <b>PW05-1068</b>
--	---	---	--------------------------------



**THIELMANN ENGINEERS**  
 221 S GLASSSELL ST ORANGE, CA 92866  
 (714) 744-9700 FAX (714) 744-9312  
 CITY BUSINESS TAX CERTIFICATE NO.122545 EXPIRES 11-28-06

DATE	BY	MARK	REVISIONS	APPR. DATE

DESIGNED BY JT DRAWN BY JS CHECKED BY GT



PREPARED BY: *Jens Thielmann* DATE: 6-6-06  
 JENS THIELMANN  
 R.C.E. No. 25742 EXP. DATE 12/31/07

**CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT**

APPROVED BY: <i>[Signature]</i> DATE: <i>6/7/06</i> BY: <i>[Signature]</i>	APPROVED BY: <i>[Signature]</i> DATE: <i>6/7/06</i>
PRINCIPAL ENGINEER	CITY ENGINEER

**SEWER IMPROVEMENT PLAN**

TRACT 32820  
**PLAN AND PROFILE**  
 STA 00+00 TO 5+41.31  
**WESTMONT ST.**

HORIZONTAL SCALE: 1"=40' VERTICAL SCALE: 1"=8'

ACCOUNT NO  
**S-1948**  
 SHEET **4** OF **4**