

GENERAL NOTES

1. THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (USA). PHONE #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.
2. CONTRACTOR IS TO VERIFY EXISTING SEWER ELEVATION PRIOR TO CONSTRUCTION.
3. LOCATION OF LATERALS TO BE DETERMINED IN THE FIELD AT THE DIRECTION OF THE OWNER. AVOID CONFLICT WITH PROPOSED AND/OR EXISTING FACILITIES.
4. NO FINISHED FLOOR ELEVATION SHALL BE LESS THAN 4' ABOVE THE SEWER FLOW LINE AT POINT OF CONNECTION WITHOUT HAVING A PROPER BACKWATER VALVE INSTALLED IN THE LATERAL.
5. 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.
6. THE SEWER CONTRACTOR SHALL ADJUST MANHOLES TO FINAL GRADE AFTER PAVING IS COMPLETED.
7. 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 LINES AND APPURTENANCES AND AT NO COST TO THE CITY.
8. 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.
9. 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 AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY THE CITY.
10. 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.
11. ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.

12. A SANITARY SEWER LINE CROSSING A WATER MAIN SHALL BE CONSTRUCTED OF:

- A. A CONTINUOUS SECTION OF DUCTILE IRON PIPE WITH HOT DIP BITUMINOUS COATING.
- B. A CONTINUOUS SECTION OF REINFORCED CONCRETE PRESSURE PIPE (PER AWWA C302-74) ENTERED ON THE PIPE BEING CROSSED.
- C. VERIFIED CLAY SANITARY SEWER PIPE WITHIN A CONTINUOUS SLEEVE.
- D. VERIFIED CLAY SANITARY SEWER PIPE SEPARATED BY TEN-FOOT BY TEN-FOOT, FOUR-INCH THICK REINFORCED CONCRETE SLAB.

13. 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.

14. QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.

GENERAL CONSTRUCTION NOTES

1. EXISTING UTILITIES SHOWN ON THIS PLAN ARE PLOTTED FROM UTILITY RECORDS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO LOCATE AND PROTECT ALL UTILITIES WHETHER OR NOT SHOWN ON THIS PLAN. IF THE COVER OF A UTILITY IS KNOWN, IT IS SHOWN IN THE PROFILE. UTILITIES SHOWN IN THE PROFILE AS INDICATES THAT THE COVER IS UNKNOWN, BUT THE UTILITY IS NOT EXPECTED TO CONFLICT WITH THE PROPOSED IMPROVEMENTS.
2. ALL ELEVATIONS SHOWN ON THE PLANS SHALL BE STAKED IN THE FIELD.
3. PRIME CONTRACTORS BIDDING THIS WORK SHALL HAVE A CLASS "A" LICENSE.
4. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE STANDARD DWGS AND STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 2003 EDITION.
5. TRIM EDGE OF EXISTING PAVEMENT WHERE NEW PAVEMENT JOINS TO A SMOOTH STRAIGHT LINE.

Legal Description:

That portion of Parcels G, H, I, J, K and L in the City of Riverside, County of Riverside, State of California, as described in the documents recorded on January 22, 1990 as Instrument No. 25706 and January 30, 1990 as Instrument No. 38362, both of Official Records, in the Office of the County Recorder of said County.

Utility Note:

Contractor Shall verify exact size and location (horizontal and vertical) of existing crossing and joining utilities prior to construction and immediately notify the engineer of any conflict. Contractor shall construct gravity utilities (sanitary sewer and storm drain) before other utilities. Construction of these gravity utilities to start from the downstream ends.

REFERENCE PLANS

S-1849  
S-1409

Water Note:

Water services provided by E.M.W.D. from main to meter.  
All on-site water is private and the responsibility of the owner.

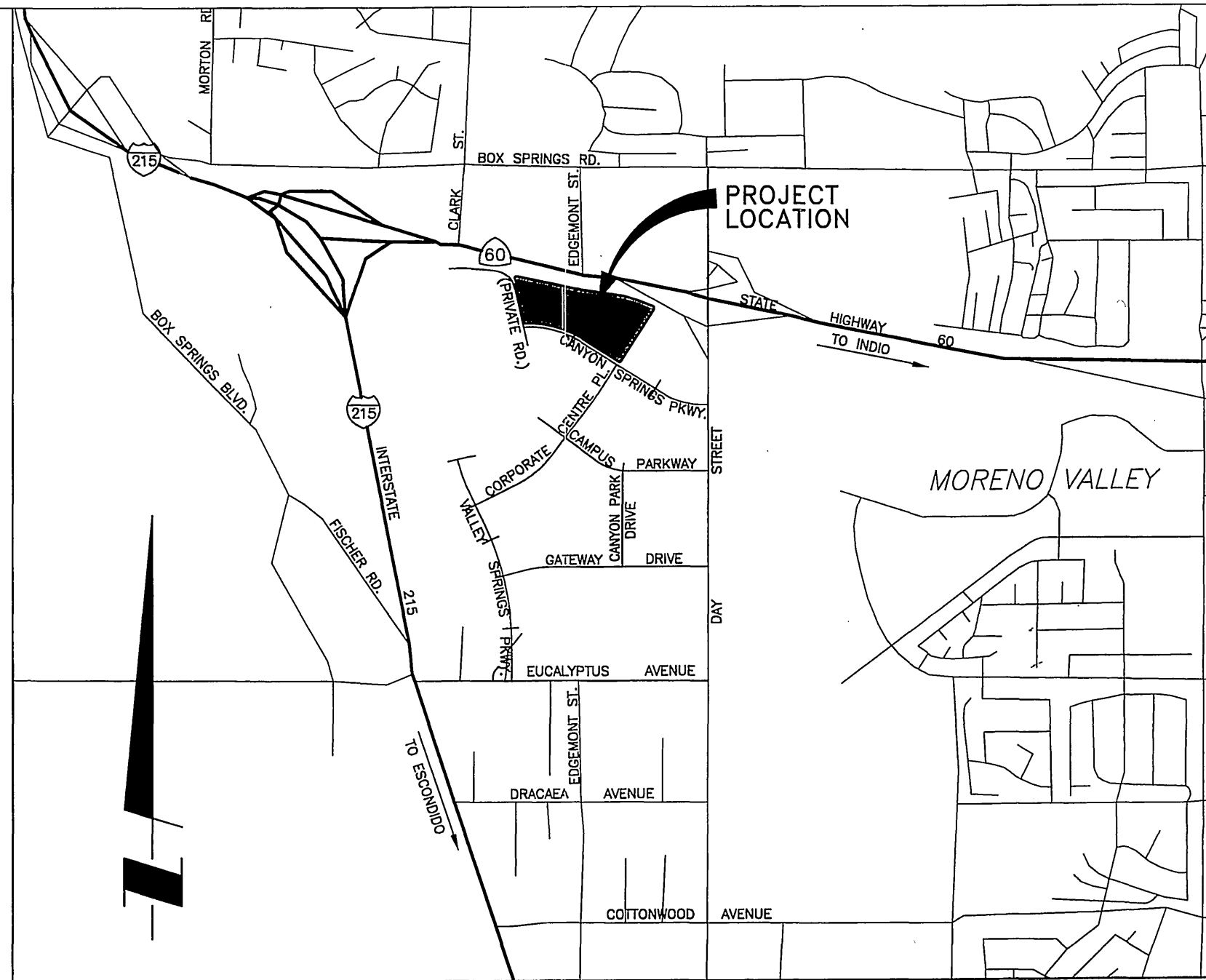
RIVERSIDE



CALIFORNIA

PUBLIC WORKS DEPARTMENT

CANYON SPRINGS MARKETPLACE  
SEWER PLAN



VICINITY MAP

1"=1500'

LIABILITY FOR UNDERGROUND STRUCTURES

ALL UNDERGROUND UTILITIES SHOWN ON THE PLANS WERE OBTAINED FROM A REVIEW OF AVAILABLE RECORD DATA, WHILE DUE CARE WAS TAKEN IN PREPARATION OF THIS INFORMATION, THE ENGINEER CANNOT AND DOES NOT GUARANTEE THE ACCURACY OR COMPLETENESS OF THE INFORMATION.

IT SHALL BE THE RESPONSIBILITY AND LIABILITY OF THE CONTRACTOR TO DETERMINE THE EXISTENCE OR NON-EXISTENCE OF SUCH UTILITIES AND TO PROTECT THEM IN PLACE.

IN THE EVENT UNKNOWN UTILITIES OR UNKNOWN STRUCTURES ARE FOUND, OR KNOWN FACILITIES ARE FOUND DURING CONSTRUCTION AT UNEXPECTED ELEVATIONS OR LOCATIONS, THE ENGINEER IS TO BE NOTIFIED OF SUCH CONDITIONS AT ONCE. THE ENGINEER WILL MAKE ANY REQUIRED DESIGN CHANGES AND THE CONTRACTOR AGREES TO COMPLETE THE WORK INCLUDING REPAIRS REQUIRED IN AN EXPEDITIOUS MANNER.

THE 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 THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.

PSOMAS IS NOT RESPONSIBLE FOR ANY INFORMATION SHOWN ON THIS DRAWING PROVIDED BY OTHERS.

UNAUTHORIZED CHANGES & USES

CAUTION:

THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, UNAUTHORIZED CHANGES TO OR USE OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.

CONSTRUCTION NOTES

NO.	DESCRIPTION	UNIT	QUANTITY**
<b>SEWER</b>			
1	CONSTRUCT 8" VCP SSWR MAIN	L.F.	1330
2	CONSTRUCT SSWR MH PER CITY OF RIVERSIDE STD. 500	EA.	12
3	CONSTRUCT 6" VCP SSWR LATERAL PER CITY OF RIVERSIDE STD. 562	L.F.	620
4	CONSTRUCT SSWR CLEANOUT PER CITY OF RIVERSIDE STD. 560	L.F.	13
20	ABANDON IN PLACE		

\*\* NOTE: THE ABOVE QUANTITIES ARE FOR DESIGN AND BONDING PURPOSES ONLY, AND NOT FOR CONTRACT PURPOSES. THE CONTRACTOR IS RESPONSIBLE FOR COMPUTING HIS OWN QUANTITIES.



Underground  
Service Alert  
of Southern California  
Call: TOLL FREE  
1-800  
227-2600  
TWO WORKING DAYS BEFORE YOU DIG

CITY OF RIVERSIDE  
G.P.S.-86  
2-1/2" BRASS DISK STAMPED CITY OF RIVERSIDE GPS  
STA 66 1991. SET IN TOP OF C.B. ALONG THE NLY  
SIDE OF CANYON SPRINGS PKWY 0.3 MILES WEST OF  
CORPORATE WAY FORMERLY DAY ST.

ELEV. 1594.281 ADJUSTMENT 1991 (NGVD 29)

**PSOMAS**

3187 Red Hill Avenue, Suite 250  
Costa Mesa, CA 92626  
(714) 751-7373 (714) 545-8883 (FAX)

City of Riverside Business Tax Certificate No. 21337

Exp. 10/01/05

*Sam Ali*  
SAM ALI  
R.C.E. No. 36050 expires 6/30/06  
DATE 5-5-05



DESIGNED BY: SAB DRAWN BY: JH CHECKED BY: SA

CITY OF RIVERSIDE, CALIFORNIA  
PUBLIC WORKS DEPARTMENT

APPROVED BY: *Sam Ali* BY: DATE: *5/16/05*  
PRINCIPAL ENGINEER: *Sam Ali* CITY ENGINEER: *Sam Ali*  
DATE: *5/16/05*

CANYON SPRINGS MARKETPLACE  
ONSITE COLLECTION SYSTEM

TITLE SHEET

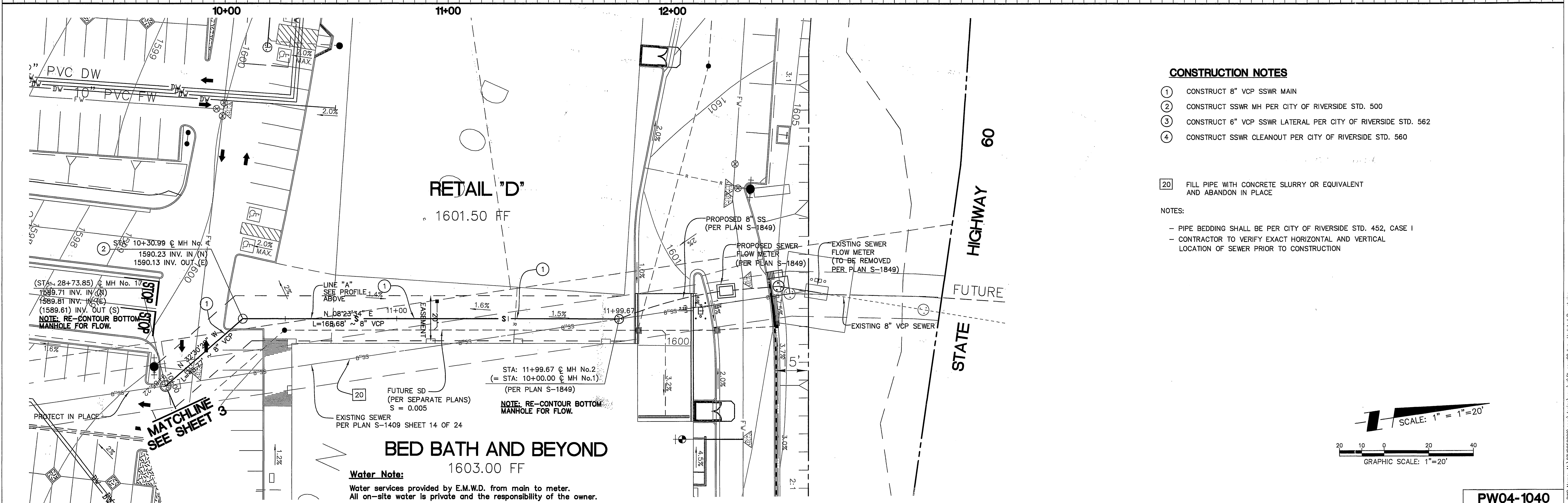
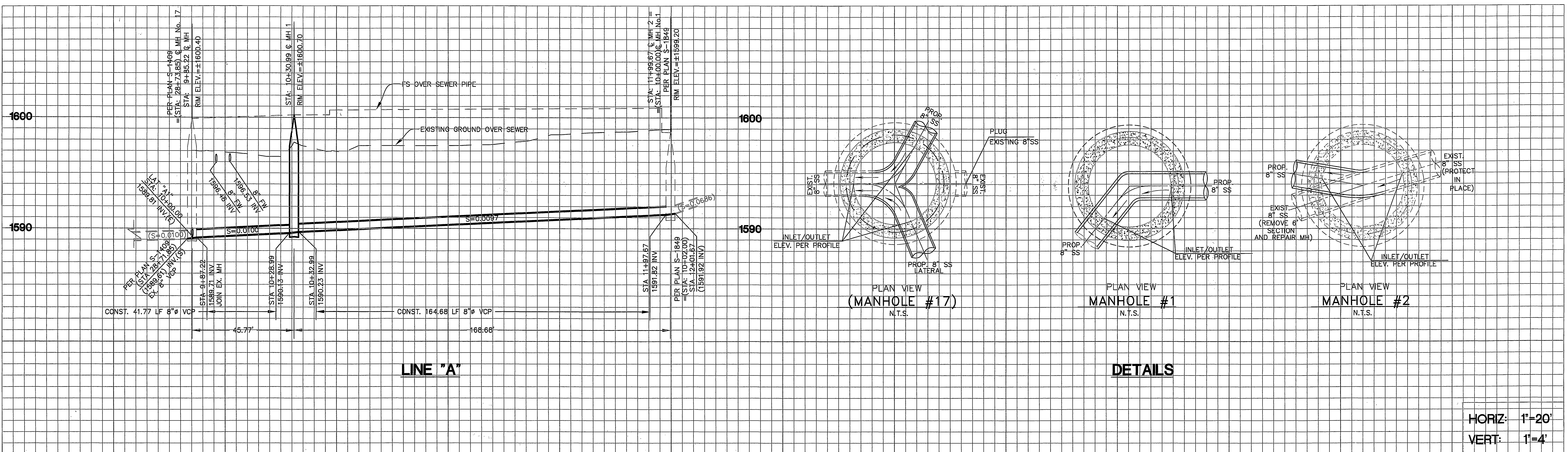
PW04-1040

S-1906

SHEET 1 OF 5

INDEXED 5-31-05 LTH





Underground Service Alert  
of Southern California  
Call: TOLL FREE  
1-800  
227-2600  
TWO WORKING DAYS BEFORE YOU DIG

**PSOMAS**

3187 Red Hill Avenue, Suite 250  
Costa Mesa, CA 92626  
(714) 751-7373 (714) 545-8883 (FAX)  
City of Riverside Business Tax Certificate No. 21337

*Samy Ali*

SAM ALI  
R.C.E. No. 36050 expires 6/30/06  
DATE 5-5-05

CITY OF RIVERSIDE, CALIFORNIA  
PUBLIC WORKS DEPARTMENT

APPROVED BY: *[Signature]* BY: *[Signature]* DATE: 5/26/05

PRINCIPAL ENGINEER: *[Signature]* CITY ENGINEER: *[Signature]*

DESIGNED BY: SAB DRAWN BY: JH CHECKED BY: SA

CANYON SPRINGS MARKETPLACE  
ONSITE COLLECTION SYSTEM

**SEWER  
PLAN/PROFILE**

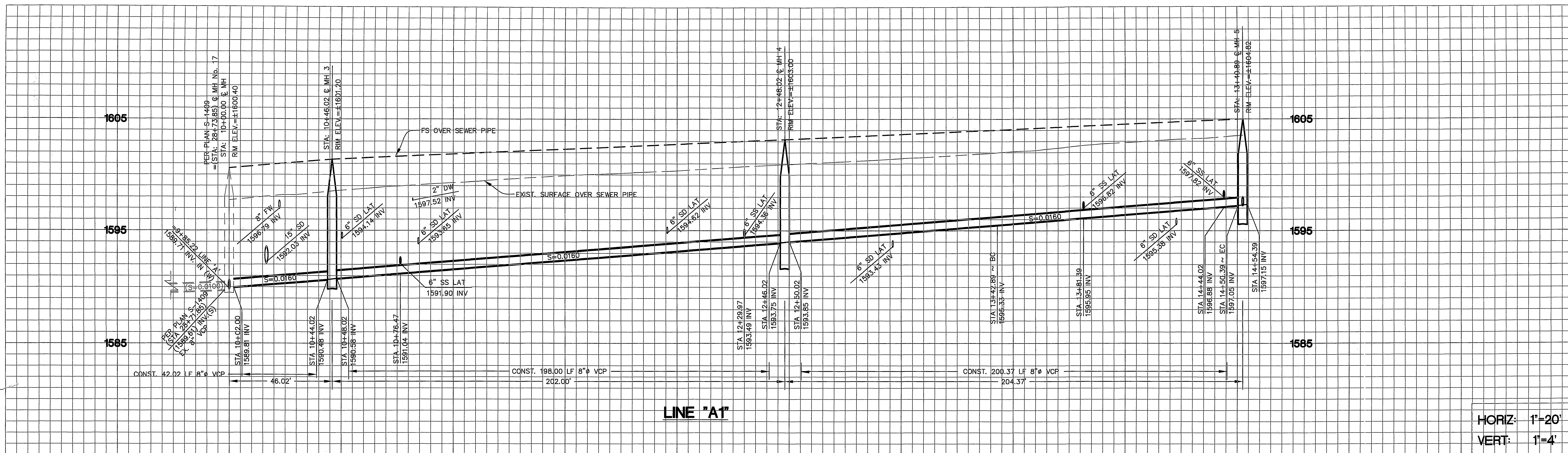
**PW04-1040**

**S-1906**

SHEET **2** OF **5**

INDEXED 5-31-05 LHM





HORIZ: 1"=20'  
VERT: 1"=4'

MAJOR "B"  
± 30,904 SF  
2660 Canyon Springs Pkwy  
1603.00 FF  
1602.25 PAD

MAJOR "C"  
± 32,940 SF  
2676 Canyon Springs Pkwy  
1604.50 FF  
1603.75 PAD

RETAIL  
"D"  
± 9,051 SF  
2688 Canyon Springs Pkwy  
1605.50 FF  
1604.75 PAD

#### CONSTRUCTION NOTES

1. CONSTRUCT 8" VCP SSWR MAIN
2. CONSTRUCT SSWR MH PER CITY OF RIVERSIDE STD. 500
3. CONSTRUCT 6" VCP SSWR LATERAL PER CITY OF RIVERSIDE STD. 562
4. CONSTRUCT SSWR CLEANOUT PER CITY OF RIVERSIDE STD. 560

20. FILL PIPE WITH CONCRETE SLURRY OR EQUIVALENT AND ABANDON IN PLACE

#### NOTES:

- PIPE BEDDING SHALL BE PER CITY OF RIVERSIDE STD. 452, CASE 1
- CONTRACTOR TO VERIFY EXACT HORIZONTAL AND VERTICAL LOCATION OF SEWER PRIOR TO CONSTRUCTION

SCALE: 1"=20'

GRAPHIC SCALE: 1"=20'

MATCHLINE  
SEE SHEET 2

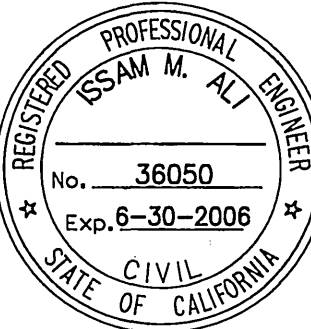
#### Water Note:

Water services provided by E.M.W.D. from main to meter.  
All on-site water is private and the responsibility of the owner.

**PSOMAS**

3187 Red Hill Avenue, Suite 250  
Costa Mesa, CA 92626  
(714) 751-7373 (714) 545-8883 (FAX)  
City of Riverside Business Tax Certificate No. 21337

Exp. 10/01/05



SAM ALI  
R.C.E. No. 36050 expires 6/30/06  
DATE 5-5-05

CITY OF RIVERSIDE, CALIFORNIA  
PUBLIC WORKS DEPARTMENT

APPROVED BY: [Signature]  
BY: [Signature]  
DATE: 5/24/05  
CITY ENGINEER

CANYON SPRINGS MARKETPLACE  
ONSITE COLLECTION SYSTEM

SEWER  
PLAN/PROFILE

PW04-1040

S-1906

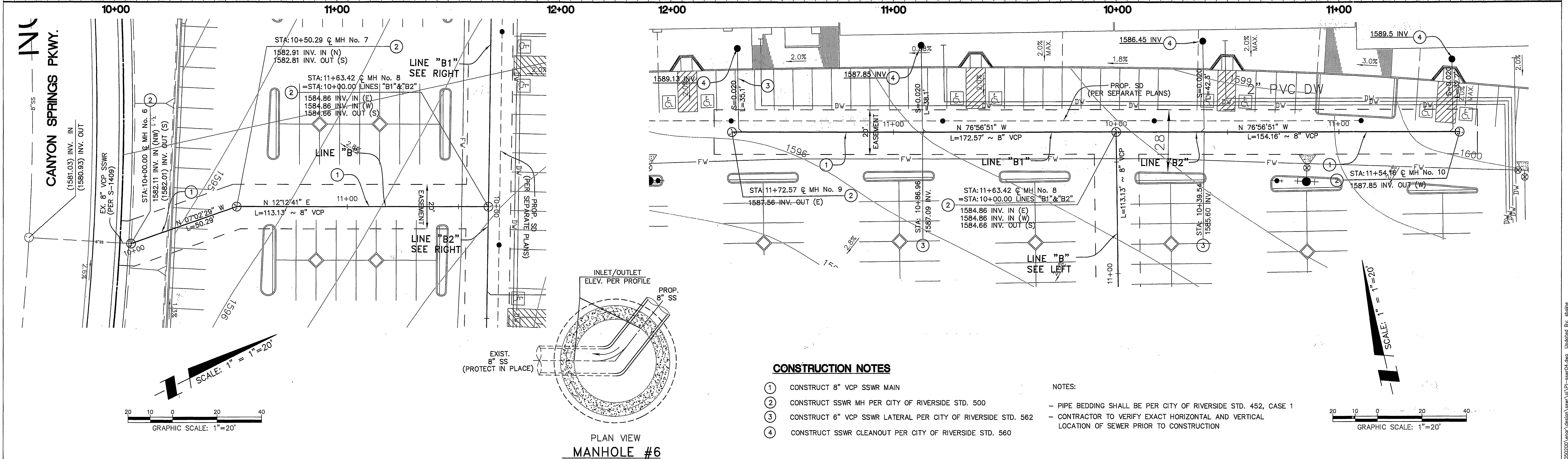
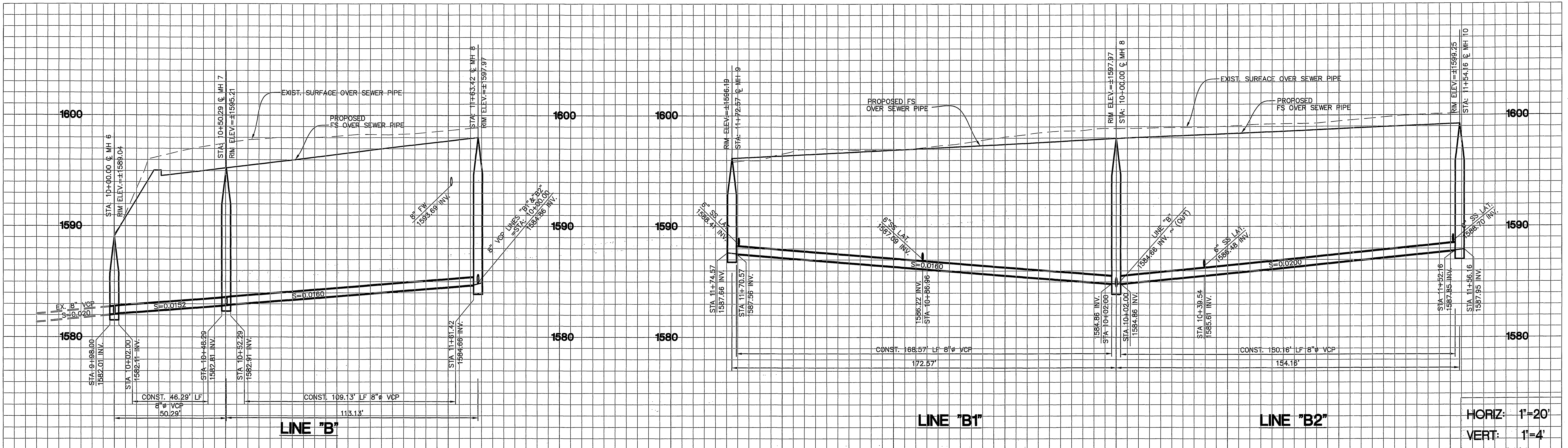
SHEET 3 OF 5

INDEXED 5-31-05



Underground  
Service Alert  
of Southern California  
Call: TOLL FREE  
1-800  
227-2600  
TWO WORKING DAYS BEFORE YOU DIG





# CONSTRUCTION NOTES

1. CONSTRUCT 8" VCP SSWR MAIN
2. CONSTRUCT SSWR MH PER CITY OF RIVERSIDE STD. 500
3. CONSTRUCT 6" VCP SSWR LATERAL PER CITY OF RIVERSIDE STD. 562
4. CONSTRUCT SSWR CLEANOUT PER CITY OF RIVERSIDE STD. 560

## NOTES:

- PIPE BEDDING SHALL BE PER CITY OF RIVERSIDE STD. 452, CASE 1
- CONTRACTOR TO VERIFY EXACT HORIZONTAL AND VERTICAL LOCATION OF SEWER PRIOR TO CONSTRUCTION

## Water Note:

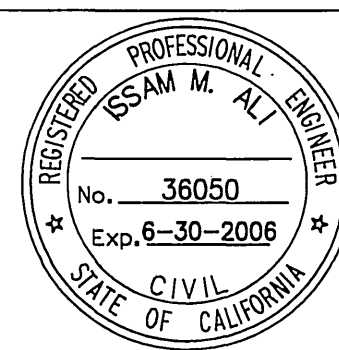
Water services provided by E.M.W.D. from main to meter.  
All on-site water is private and the responsibility of the owner.

**PSOMAS**

3187 Red Hill Avenue, Suite 250  
Costa Mesa, CA 92626  
(714) 751-7373 (714) 545-8883 (FAX)  
City of Riverside Business Tax Certificate No. 21337

Exp. 10/01/05

SAM ALI  
R.C.E. No. 36050 expires 6/30/06  
DATE: 5-5-05



MARK	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT			
APPROVED BY:	BY:	DATE:	APPROVED BY:
PRINCIPAL ENGINEER			CITY ENGINEER

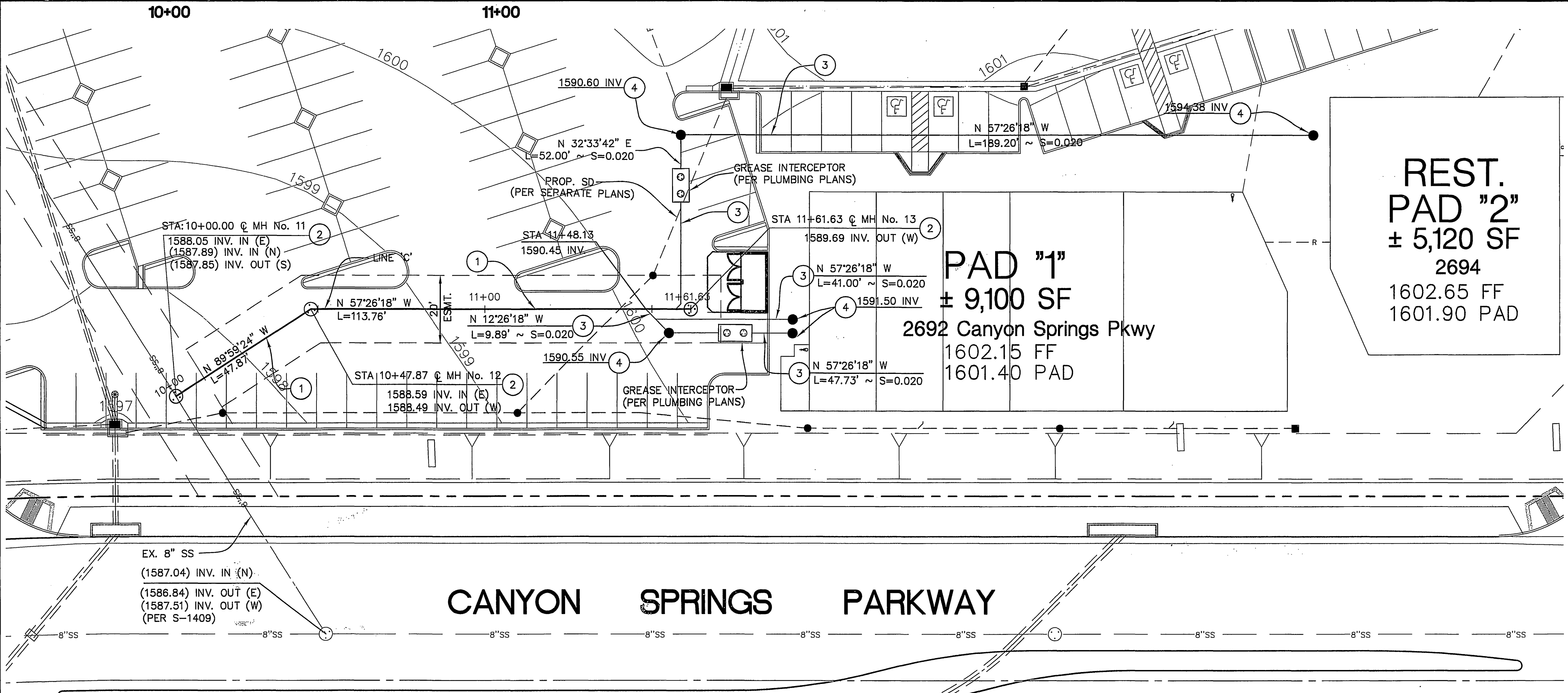
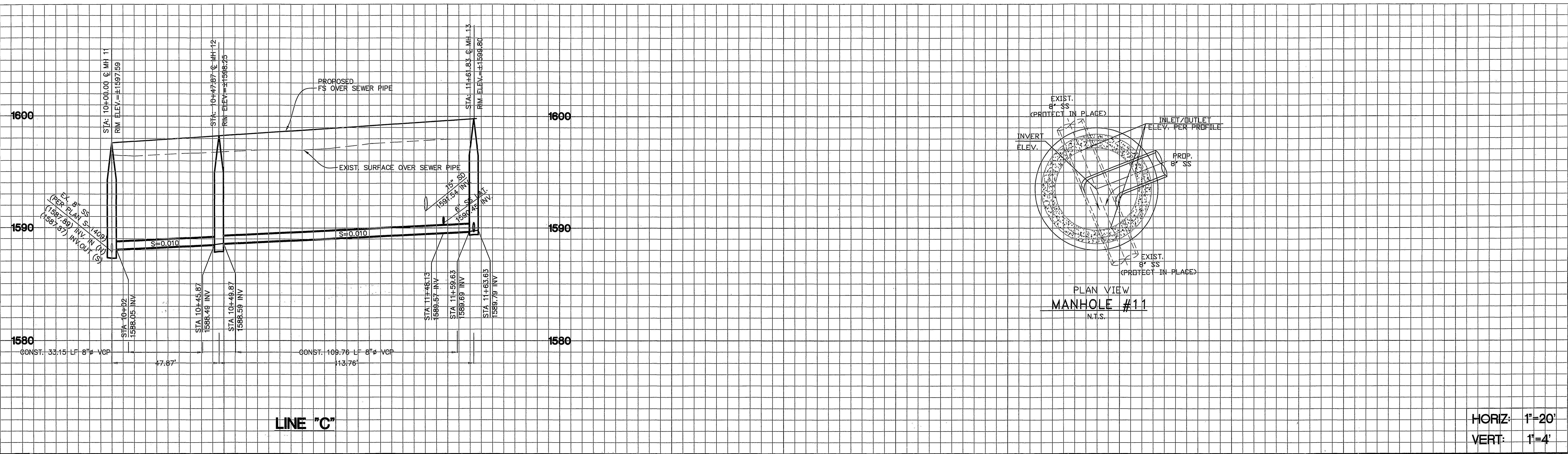
CANYON SPRINGS MARKETPLACE ONSITE COLLECTION SYSTEM	
SEWER PLAN/PROFILE	

PW04-1040
S-1906
SHEET 4 OF 5



Underground  
Service Alert  
of Southern California  
Call: TOLL FREE  
1-800  
227-2600  
TWO WORKING DAYS BEFORE YOU DIG

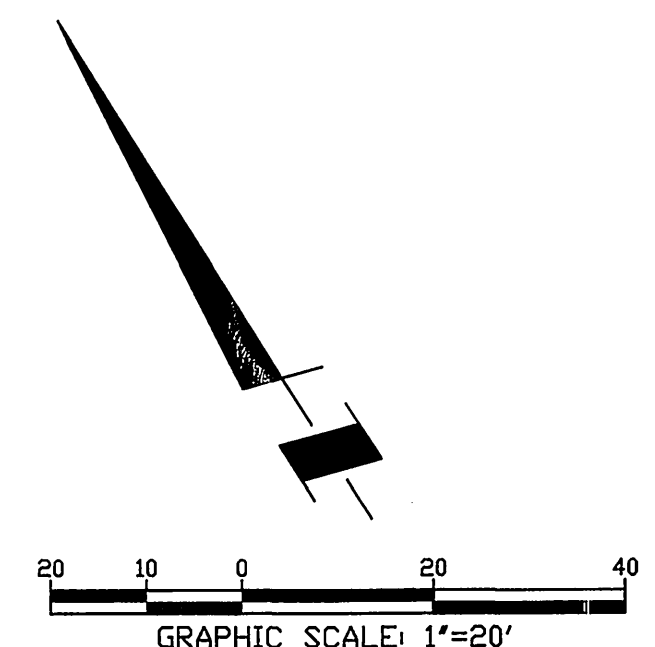




**CONSTRUCTION NOTES**

- ① CONSTRUCT 8" VCP SSWR MAIN
- ② CONSTRUCT SSWR MH PER CITY OF RIVERSIDE STD. 500
- ③ CONSTRUCT 6" VCP SSWR LATERAL PER CITY OF RIVERSIDE STD. 562
- ④ CONSTRUCT SSWR CLEANOUT PER CITY OF RIVERSIDE STD. 560

NOTES:  
- PIPE BEDDING SHALL BE PER CITY OF RIVERSIDE STD. 452, CASE 1  
- CONTRACTOR TO VERIFY EXACT HORIZONTAL AND VERTICAL LOCATION OF SEWER PRIOR TO CONSTRUCTION



**Water Note:**  
Water services provided by E.M.W.D. from main to meter.  
All on-site water is private and the responsibility of the owner.

**Underground Service Alert**  
Call: TOLL FREE 1-800-227-2600  
TWO WORKING DAYS BEFORE YOU DIG

**PSOMAS**  
3187 Red Hill Avenue, Suite 250  
Costa Mesa, CA 92626  
(714) 751-7373 (714) 545-8883 (FAX)  
City of Riverside Business Tax Certificate No. 21337  
Exp. 10/01/05

**SAM ALI**  
R.C.E. No. 36050 expires 6/30/06  
DATE 5-5-05

**PROFESSIONAL ENGINEER**  
No. 36050  
Exp. 6-30-2006  
CIVIL  
STATE OF CALIFORNIA

DESIGNED BY: **SAB** DRAWN BY: **JH** CHECKED BY: **SA**

**CITY OF RIVERSIDE, CALIFORNIA**  
**PUBLIC WORKS DEPARTMENT**  
APPROVED BY: **SA** DATE: **5/16/05**  
PRINCIPAL ENGINEER: **SA** CITY ENGINEER: **SA**

**CANYON SPRINGS MARKETPLACE**  
**ONSITE COLLECTION SYSTEM**  
**SEWER PLAN/PROFILE**

**PW04-1040**  
**S-1906**  
SHEET **5** OF **5**

INDEXED 5-31-05 LTH