

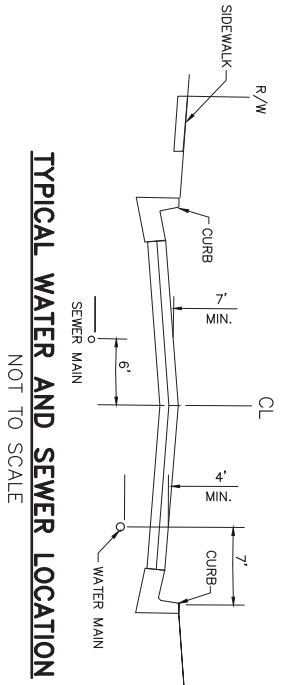
**RUBIDOUX COMMUNITY SERVICES DISTRICT
GENERAL CONSTRUCTION NOTES FOR SEWER
PIPELINES**

- 1. ALL WORK SHALL CONFORM TO THE DESIGN AND CONSTRUCTION STANDARDS OF RCSD FOR WATER AND SANITARY SEWER FACILITIES.
- 2. SEWER SYSTEM SHALL BE CONSTRUCTED BY THE DEVELOPER FOR DEDICATION TO THE RUBIDOUX COMMUNITY SERVICES DISTRICT. INSTALLATION MATERIALS, TESTING AND INSPECTION SHALL MEET THE REQUIREMENTS FOR RCDUC SERVICES DISTRICT. ALL WORK SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME. DELAYED START DATES DUE TO HAVING JURISDICTION FAILURE TO MEET THESE REQUIREMENTS WILL BE CAUSE FOR REJECTION. SEWER PIPE SHALL BE EXTRA STRENGTH UNFIBRED CLAY PIPE (UWP) UNLESS OTHERWISE APPROVED BY THE DISTRICT ENGINEER.
- 3. CONSTRUCTION OF THE SEWER SYSTEM SHALL NOT COMMENCE UNTIL A FINAL MAP HAS BEEN RECORDED BY RIVERSIDE COUNTY AND THE DEVELOPER'S ENGINEER HAS CERTIFIED THAT ALL STREETS ARE CONSTRUCTED TO FINAL GRADE FOR CURB AND GUTTER.
- 4. CONTRACTOR SHALL PROVIDE TRENCH PROTECTION AND CONDUCT ALL CONSTRUCTION IN ACCORDANCE WITH CALIFORNIA REQUIREMENTS AND SHALL DETERMINE DEPTH AND LOCATION OF EXISTING UNDERGROUND FACILITIES PRIOR TO TRENCHING. OPEN TRENCH AT ANY ONE TIME SHALL BE LIMITED TO 500 FEET ALONG ROAD RIGHT OF WAY AND SHALL BE BACKFILLED AND COMPACTED AT THE CONCLUSION OF EACH DAY.
- 5. PIPE SHALL BE HANDLED SO AS TO PROTECT THE PIPE AT ALL TIMES AND SHALL BE CAREFULLY BEDDED TO PROVIDE CONTINUOUS BEARING AND TO PREVENT UNEVEN SETTLEMENT. PIPE SHALL BE PROTECTED AGAINST FLOTATION AT ALL TIMES. OPEN ENDS OF INSTALLED SEWER SHALL BE SEALED AT ALL TIMES WHEN CONSTRUCTION IS NOT IN PROGRESS.
- 6. PIPE JOINTS SHALL NOT BE DETECTED AT ANY ANGLE GREATER THAN THE MAXIMUM ANGLE RECOMMENDED BY THE PIPE MANUFACTURER.
- 7. DEPTH AND LOCATION OF EXISTING UNDERGROUND FACILITIES SHALL BE DETERMINED BY THE CONTRACTOR BY POthOLING PRIOR TO TRENCHING. THE CONTRACTOR SHALL ALSO CONTACT UNDERGROUND SERVICE ALERT (800) 227-2600 PRIOR TO ANY EXCAVATION.
- 8. WHERE THE SEWER MAIN CROSSES STORM DRAINS, OTHER PIPELINES, TELEPHONE AND ELECTRIC DUCTS, OR SIMILAR INSTALLATIONS, A MINIMUM OF 12 INCHES OF CLEARANCE SHALL BE PROVIDED BETWEEN THE MAIN AND OTHER INSTALLATIONS. SEPARATION OF THE WATER AND SEWER LINES MUST COMPLY WITH THE RIVERSIDE COUNTY HEALTH DEPARTMENT STANDARDS AS SHOWN ON RIVERSIDE COUNTY STANDARD PLAN 609 AND RCSD STANDARD DRAWING S2020 AND SHALL MEET OR EXCEED THE REQUIREMENTS OF THE STATE OF CALIFORNIA, DEPARTMENT OF HEALTH.
- 9. CONNECTIONS TO EXISTING RCSD SEWER PIPELINES SHALL NOT BE ACCOMPLISHED UNLESS THE DISTRICT INSPECTOR IS PRESENT TO VERIFY THE EXISTING PIPELINE DEPTH AND LOCATION. EXISTING SEWER LINES PRIOR TO CONNECTIONS TO EXISTING RCSD SEWERLINES WILL BE ALLOWED ON FIBROYS.
- 10. BACKFILL SHALL BE COMPACTED TO THE GREATER OF 90% RELATIVE DENSITY, EQUIVALENT TO THE SURROUNDING GROUND, OR TO THE REQUIREMENTS OF THE AGENCY HAVING JURISDICTION, WHICHEVER IS MORE STRINGENT.
- 11. SEWER LATERALS SHALL BE 4" UP UNLESS OTHERWISE INDICATED. EXACT LOCATIONS OF WRES AND LATERALS ARE TO BE ESTABLISHED IN THE FIELD PRIOR TO INSTALLATION AND SHALL BE MARKED ON THE GROUND FACILITY WITH SERVICE LATERAL LOCATION AND A STEEL ROD OR STAKE SHALL BE INSTALLED AT THE END OF EACH SEWER LATERAL TO ASSIST IN LOCATING AT A LATER DATE.
- 12. UNLESS NAMED BY THE RCSD, A 2" WIDE METALLIC LOCATION TAPE SHALL BE PLACED WITH EACH SEWER AND EACH SEWER AND SERVICE LATERAL TO ASSIST IN FUTURE LOCATION. TAPE SHALL BE PLACED AT LEAST 6" ABOVE THE PIPE BUT NOT DEEPER THAN 4" FROM THE PROPOSED FINISHED GRADE.
- 13. ALL SEWERS SHALL BE BAILED, AIR TESTED AND VIDEO INSPECTED PRIOR TO ACCEPTANCE BY THE DISTRICT.
- 14. SURFACE IMPROVEMENTS DAMAGED AS A RESULT OF THE CONTRACTOR'S OPERATIONS SHALL BE RECONSTRUCTED BY THE CONTRACTOR TO THE REQUIREMENTS OF THE AGENCY HAVING JURISDICTION.
- 15. THE DEVELOPER SHALL PROVIDE ONE SET OF PRINTS SHOWING ALL "AS-BUILT" CONDITIONS INCLUDING THE STATIONING OF SEWER LATERAL CONNECTIONS AND PWD ELEVATIONS AS A CONDITION OF FINAL APPROVAL.
- 16. ANY REVISION TO THESE DRAWINGS MUST BE APPROVED IN WRITING BY THE RUBIDOUX COMMUNITY SERVICES DISTRICT.
- 17. THE DEVELOPER SHALL BE RESPONSIBLE FOR THE INSTALLATION OF BACKWATER VALVES, WHERE REQUIRED, PER UNIFORM PLUMBING CODE AND PER RCSD STANDARDS.
- 18. THE CONTRACTOR IS ADVISED THAT THE WORK ON THIS PROJECT MAY INVOLVE WORKING IN A CONFINED AIR SPACE. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH CONFINED AIR SPACE ARTICLE 108, TITLE 8 CALIFORNIA ADMINISTRATIVE CODE.
- 19. CONTRACTOR SHALL WARRANTY ALL WORK FOR 12 MONTHS AFTER THE DATE OF FINAL INSPECTION.
- 20. IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER OR CONTRACTOR TO APPLY TO THE CITY OF JURUPA VALLEY, PERMIT SECTION, FOR AN ENCROACHMENT PERMIT, FOR ALL WORK ON EXISTING COUNTY MAINTAINED ROADS.

**RUBIDOUX COMMUNITY SERVICES DISTRICT
CITY OF JURUPA VALLEY
SEWER AND WATER PLANS
TRACT MAP NO. 36649**

- CONSTRUCTION NOTES: SEWER**
- DESCRIPTION
 - 1. CONSTRUCT NEW SEWER MANHOLE PER RCSD STD. DWG. S2030.
 - 2. CONSTRUCT 8" DIA. PVC SDR-35 SEWER MAIN LINE WITH PIPE BEDDING PER RCSD STD. DWG. S2010.
 - 3. CONSTRUCT 4" DIA. PVC SDR-35 SEWER LATERAL PER RCSD DWG. S2080.
- PROVIDE PIPE BEDDING PER RCSD STD. DWG. S2010.

DESCRIPTION	QUANTITY
MANHOLE PER RCSD STD. DWG. S2030	7 EA
SEWER LATERAL PER RCSD STD. DWG. S2080	644 L.F.
CONSTRUCT 4" DIA. PVC SDR-35 SEWER LATERAL PER RCSD DWG. S2080.	24 EA



SHEET INDEX

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SHEET 2	: TITLE SHEET (WATER)
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SHEET 6	: STREET B WATER PLAN AND PROFILE

UTILITY PURVEYORS:

1. SANITARY SERVICE: RUBIDOUX COMMUNITY SERVICES DISTRICT	951-684-7321
2. DOMESTIC WATER SERVICE: RUBIDOUX COMMUNITY SERVICES DISTRICT	951-684-7321
3. GAS SERVICE: SOUTHERN CALIFORNIA GAS CO.	800-497-2200
4. ELECTRIC SERVICE: SOUTHERN CALIFORNIA EDISON	1-800-855-4555
5. TELEVISION SERVICE: COMCAST CABLE TELEVISION	1-800-342-4649
6. CABLE TELEVISION SERVICE: COMCAST CABLE TELEVISION	1-800-534-6489

NOTICE TO CONTRACTOR

THE EXISTENCE, HORIZONTAL AND VERTICAL LOCATIONS OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS, TO THE BEST OF OUR KNOWLEDGE. THERE ARE NO EXISTING UTILITIES EXCEPT THOSE SHOWN ON THESE PLANS.

THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN, AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS. LOCATIONS OF UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF CONSTRUCTION.

THE QUANTITY ESTIMATE SHOWN HEREON IS FOR THE USE OF GOVERNING AGENCIES IN DETERMINING BOND AMOUNT AND/OR FEES AND IS NOT TO BE USED FOR BID PURPOSES.

ABBREVIATION:

- ABAND ABANDON
- AH AHED STATION
- ANSI AMERICAN NATIONAL STANDARDS INSTITUTE
- ASTM AMERICAN SOCIETY FOR TESTING MATERIALS
- A V AIR VALVE
- A WMA AMERICAN WATER WORKS ASSOCIATION
- B C BRICK
- BC BRICK CORE VALVE
- BK BACK STATION
- BLD FLD BLD FLANGE
- BLW OFF BLOW OFF
- BOT BOTTOM
- BOI BOTTOM
- CHD CHANNEL
- CHD TEST STATION
- CIS CEMENT
- CO./M/C CEMENT PORTLAND (MUD)/CEMENT MORTAR COATED
- CP/C COMPURING
- DIP DUCTILE IRON PIPE
- END CURVE END CURVE
- ELEC ELECTRICAL
- EMST EXHUST
- EX EXHUST
- FLG FLOWLINE
- FLG FLANGE OR FLANGED
- FL FLOWLINE
- G GAS LINE OR SERVICE
- GAL GALLONS PER MINUTE
- GPM GATE VALVE POINT OF INTERSECTION
- HPT HORIZONTAL POINT OF INTERSECTION
- HP HORIZONTAL POINT OF INTERSECTION
- IPS IRON PIPE SIZE
- MANHOLE MANHOLE
- PC POINT OF COMPOUND CURVE
- PFC POINT OF REVERSE CURVE
- PE POLYETHYLENE
- PVC POLYVINYL CHLORIDE
- R/R RESTRIANED JOINT
- RJ RESTRIANED JOINT
- S SD SEWER MAIN OR HOUSE LATERAL
- SD SD
- SG SIGARDE ELEVATION
- ST ST STREET LIGHT
- ST LT STREET LIGHT
- TELEPHONE TELEPHONE
- UG UNDERGROUND
- UNFIBRED CLAY PIPE UNFIBRED CLAY PIPE
- VP VERTICAL POINT OF INTERSECTION
- WPI WATER MAIN OR SERVICE
- WSP WELDED STEEL PIPE
- WM WATER METER
- WSW WATER METER
- S00 SEWER CLEAN OUT

PROPERTY OWNER/SUBDIVIDER:

SCORDED HOME GROUP INC. AND HOMEQUEST, LLC.
ATTN: MR. MAX WOODNETT
238 W. MAIN STREET SUITE 101
TUSLON, CA. 92780
(714) 721-7788 OFFICE
(714) 368-0012 FAX

APN:

179-060-027

PROPERTY ADDRESS:

3604 AVALON ST.
JURUPA VALLEY, CA. 92509

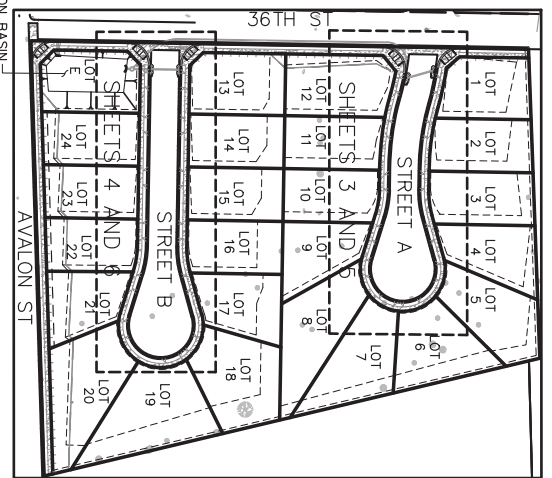
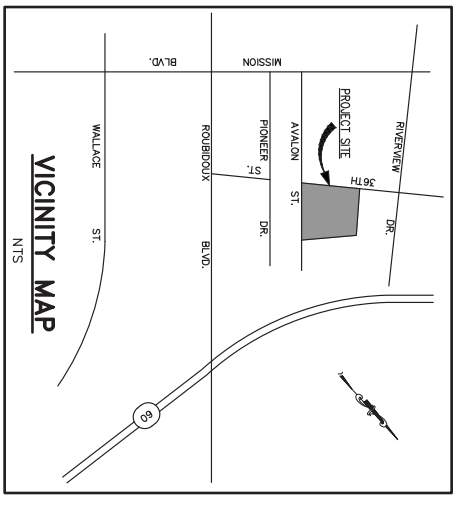
BENCHMARK:

POINT ID: G95-63 ELEVATION: 793.250 (NAD 88)
DATE RELEASD: 1991

DESCRIPTION:
2 1/2" BRASS DOCK STAMPED "CITY OF RIVERSIDE GPS STATION NO 53 1991 CALUMET SET IN THE SIDEWALK, 1 FOOT SOUTH OF THE SOUTH CURB OF MISSION BLVD. BRIDGE AT THE WEST END OF THE BRIDGE CROSSING THE STA. ANA RIVER.

BASIS OF BEARINGS:

THE CENTERLINE OF 36TH ST. (FORMALLY "A" ST.) WHICH BEARS N48°58'30"W AS SHOWN ON RECORD SOUTH CURB OF MISSION BLVD. PAGE 81 RECORDS OF RIVERSIDE COUNTY



NO WORK SHALL BE DONE ON THIS PROJECT UNLESS THE DISTRICT ENGINEER HAS BEEN ADVISED OF ANY CHANGES TO THE DESIGN OR UNDERGROUND SERVICE ALERT

ASSISTANT GENERAL MANAGER/DISTRICT ENGINEER, RCE 48109

DATE: 8/11

APPROVED BY THE RUBIDOUX COMMUNITY SERVICES DISTRICT FOR CONSTRUCTION

DATE	DESCRIPTION	DATE	BY
	DESIGN		
	DRAWN		
	CHECKED		

RUBIDOUX COMMUNITY SERVICES DISTRICT

CITY OF JURUPA VALLEY

SEWER IMPROVEMENT PLAN

TRACT NO. 36649

SEWER TITLE SHEET

SHEET NO. 1

OF 6 SHEETS

IP17-006