UNDERGROUND FIRE PROTECTION PLAN

FOR

PERRIS VALLEY BIG LEAGUE DREAMS

UNDERGROUND NOTES

1. UNDERGROUND PIPING BELOW SLAB AND VERTICAL RISERS TO BE DUCTILE IRON. (CL.50)
2. UNDERGROUND PIPING FROM RISER TO CITY CONNECTION TO BE CLASS 150 P.V.C. OR DUCTILE IRON CL. 50 (PUBLIC MAIN PER LOCAL STANDARDS,)
3. PIPING TO MAINTAIN 3'–0" MINIMUM BURY.
4. UNDERGROUND PIPING TO BE PROPERLY RODDED, CLAMPED AND/OR THRUST BLOCKED PER N.F.P.A. 24 AND LOCAL STANDARDS.
5. SYSTEM TO BE HYDROSTATICALLY TESTED AT 200 PSI FOR TWO HOURS OR AT 50 PSI ABOVE THE SYSTEM OPERATING PRESSURE, WHICHEVER IS THE GREATER.
6. ALL UNDERGROUND PIPING SHALL BE FLUSHED AS INDICATED IN N.F.P.A.13. TABLE 1.11.1.2. PRIOR TO CONNECTION TO THE OVERHEAD SYSTEM PIPING. FLUSHING SHOULD CONTINUE UNTIL THE WATER IS CLEAR PER N.F.P.A. 24.
7. FIRE DEPARTMENT CONNECTION SHALL BE VISIBLE, ACCESSIBLE AND MEET LOCAL CODE REQUIREMENTS. PROTECTIVE CAPS, SIGN AND AN APPROVED CHECK VALVE TO BE PROVIDED AS CLOSE TO THE F.D.C. AS POSSIBLE.
8. ALARM BELLS TO BE LOCATED ADJACENT TO RISERS AND NOT NECESSARILY ON THE ADDRESS SIDE OF THE BUILDING.
9. SUPERVISORY ALARM SYSTEM, INCLUDING LIGHTS, HORNS, INTERIOR BELLS, SPEAKER WIRING, CONDUIT, AND SWITCHES, AS MAY BE REQUIRED PER STATE OF CALIFORNIA, OR LOCAL AUTHORITY ARE TO BE INSTALLED BY THE OWNER AND/OR TENANT.
10. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO PROVIDE EXACT LOCATIONS OF PLANTER CURBS, BUILDING LINES, AND FINISH GRADES, BEFORE UNDERGROUND PIPING IS INSTALLED AND ABOVE GRADE FLANGE ELEVATIONS ARE SET.
11. CONTRACTOR TO VERIFY ACTUAL RISER LOCATION PRIOR TO CONSTRUCTION.
12. ALL BARRELS TO BE CHROME YELLOW. TOPS AND CAPS SHALL BE PAINTED IN CLASS AA – LIGHT BLUE (1500 GPM OR GREATER)
13. HYDRANTS SHALL BE IDENTIFIED BY THE INSTALLATION OF BLUE REFLECTIVE MARKERS PER THE RCFD "GUIDELINES FOR USE OF BLUE REFLECTIVE MARKERS".
14. ALL PRIVATE HYDRANTS SHALL BE INSTALLED IN ACCORDANCE WITH CITY OF PERRIS FIRE DEPARTMENT REQUIREMENTS.
15. A NON–INDICATING VALVE SUCH AS AN UNDERGROUND GATE VALVE WITH APPROVED ROADWAY BOX, COMPLETE WITH T–WRENCH, AND ACCEPTED BY THE AUTHORITY HAVING JURISDICTION, SHALL BE PERMITTED.
16. THESE PLANS ARE NOT VALID FOR INSTALLATION UNTIL A CALIFORNIA LICENSED CONTRACTOR IS APPROVED BY THE CITY OF PERRIS FIRE DEPARTMENT.
17. THESE INSTALLATIONS WILL CONFORM TO NFPA 24, 2002 EDITION, AND THE CALIFORNIA FIRE CODE.
18. BEFORE ASKING FINAL APPROVAL OF AN INSTALLATION BY THE AUTHORITY HAVING JURISDICTION, THE INSTALLING CONTRACTOR SHALL FURNISH A CONTRACTORS MATERIAL AND TEST CERTIFICATE, COUNTER SIGNED BY THE OWNER OR REPRESENTATIVE.
19. JOINTS SHALL BE ASSEMBLED BY PERSONS FAMILIAR WITH THE PARTICULAR MATERIALS BEING USED AND IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND SPECIFICATIONS PER SECTION 10.3.6.1.
20. ALL BOLTED JOINT ACCESSORIES SHALL BE CLEANED AND THOROUGHLY COATED WITH ASPHALT OR OTHER CORROSION–RETARDING MATERIAL AFTER INSTALLATION.

FIRE NOTES

1. OFM SITE INSPECTIONS ARE REQUIRED FOR THIS PROJECT. PLEASE SCHEDULE ALL FIELD INSPECTIONS AT LEAST 48 HOURS IN ADVANCE. CALL (951) 443–1029 TO SCHEDULE INSPECTIONS.
2. A LUMBER DROP INSPECTION SHALL BE PERFORMED PRIOR TO BRINGING COMBUSTIBLE MATERIALS (OR COMBUSTIBLE FIXTURES AND FINISHES FOR STRUCTURES OF NON–COMBUSTIBLE CONSTRUCTION). ALL–WEATHER ACCESS ROADS CAPABLE OF SUPPORTING 68,000 LBS., TOPPED WITH ASPHALT, CONCRETE, OR EQUIVALENT SHALL BE IN PLACE AND HYDRANTS OPERATIONAL AT TIME OF LUMBER DROP INSPECTION.
3. PHASED INSTALLATION OF FIRE ACCESS ROADS REQUIRES ADDITIONAL INSPECTIONS NOT COVERED BY THE FEES PAID AT PLAN SUBMITTAL. CONTACT INSPECTION SCHEDULING TO ARRANGE FOR ADDITIONAL INSPECTIONS THAT MAY BE NEEDED AND ANY FEES THAT MAY BE DUE.
4. AN ORIGINAL APPROVED, SIGNED, WET–STAMPED FIRE DEPARTMENT ACCESS & WATER PLANS SHALL BE AVAILABLE ON–SITE AT TIME OF INSPECTION.
5. ACCESS ROADS AND HYDRANTS SHALL BE MAINTAINED AND REMAIN CLEAR OF OBSTRUCTIONS AT ALL TIMES DURING AND AFTER CONSTRUCTION. AREAS WHERE PARKING IS NOT PERMITTED SHALL BE CLEARLY IDENTIFIED AT ALL TIMES.
6. TEMPORARY FUEL TANKS OF 60 OR MORE GALLONS SHALL BE REVIEWED, INSPECTED BY OFFICE OF THE FIRE MARSHAL PRIOR TO USE.
7. THE PROJECT ADDRESS SHALL BE CLEARLY POSTED AND VISIBLE FROM THE PUBLIC ROAD DURING CONSTRUCTION.
8. ALL GATES IN CONSTRUCTION FENCING SHALL BE EQUIPPED WITH EITHER A KNOX OR BREAKAWAY PADLOCK.
9. FIRE LANE WIDTHS SHALL BE MEASURED FROM TOP FACE OF THE CURB TO TOP FACE OF THE CURB FOR FIRE LANES WITH STANDARD CURBS AND GUTTERS AND FROM FLOW–LINE TO FLOW–LINE FOR FIRE LANES WITH MODIFIED CURB DESIGNS (E.G., ROLLED, RAMPED, ETC).
10. ALL FIRE HYDRANTS SHALL HAVE A BLUE REFLECTIVE PAVEMENT MARKER INDICATING THEIR LOCATION PER THE OFM STANDARD. ON PRIVATE PROPERTY MARKERS ARE TO BE MAINTAINED IN GOOD CONDITION BY THE PROPERTY OWNER.
11. ADDRESS NUMBERS SHALL BE LOCATED AND BE OF A COLOR AND SIZE SO AS TO BE PLAINLY VISIBLE AND LEGIBLE FROM THE ROADWAY FROM WHICH THE BUILDING IS ADDRESSED. ADDRESS NUMBERS SHALL BE ILLUMINATED AT NIGHT.
12. ACCESS GATES SHALL BE APPROVED PRIOR TO INSTALLATION AND SHALL BE IN COMPLIANCE WITH CHAPTER 5 OF THE CFC AND CITY OF PERRIS, OFFICE OF THE FIRE MARSHAL GUIDELINES.
13. APPROVED ACCESS WALKWAYS SHALL BE PROVIDED TO ALL REQUIRED OPENINGS AND ALL RESCUE WINDOWS.
14. VEGETATION SHALL BE SELECTED AND MAINTAINED IN SUCH A MANNER AS TO ALLOW IMMEDIATE ACCESS TO ALL HYDRANTS, VALVES, AND FIRE DEPARTMENT CONNECTIONS, PULL STATIONS, EXTINGUISHERS, SPRINKLER RISERS, ALARM CONTROL PANELS, RESCUE WINDOWS, AND OTHER DEVICES OR AREAS USED FOR FIREFIGHTING PURPOSES. VEGETATION OR BUILDING FEATURES SHALL NOT OBSTRUCT ADDRESS NUMBERS OR INHIBIT THE FUNCTIONING OF ALARM BELLS, HORNS, OR STROBES.
15. ANY FUTURE MODIFICATION TO THE APPROVED FIRE DEPARTMENT ACCESS & WATER PLAN OR APPROVED SITE PLAN, INCLUDING BUT NOT LIMITED TO ROAD WIDTH, GRADE, SPEED HUMPS, TURNING RADII, GATES OR OTHER OBSTRUCTIONS, SHALL REQUIRE REVIEW, APPROVED, AND INSPECTED BY THE CITY OF PERRIS, OFFICE OF THE FIRE MARSHAL.
16. APPROVAL OF THIS PLAN SHALL NOT BE CONSTRUED AS APPROVAL OF ANY INFORMATION OR PROJECT CONDITIONS OTHER THAN THOSE ITEMS AND REQUIREMENTS IDENTIFIED IN THE CITY OF PERRIS, OFFICE OF THE FIRE MARSHAL. FIRE DEPARTMENT ACCESS & WATER GUIDELINE, AND RELATED PORTIONS OF THE CFC AND CBC. THIS PROJECT MAY BE SUBJECT TO ADDITIONAL REQUIREMENTS NOT STATED HERE–IN UPON EXAMINATION OF ACTUAL SITE AND PROJECT CONDITIONS OR DISCLOSURE OF ADDITIONAL INFORMATION.

PRIVATE ENGINEER'S NOTICE TO CONTRACTORS

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THIS PLAN 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 DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES SHOWN AND ANY OTHER LINES OR STRUCTURES NOT SHOWN ON THESE PLANS.

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".

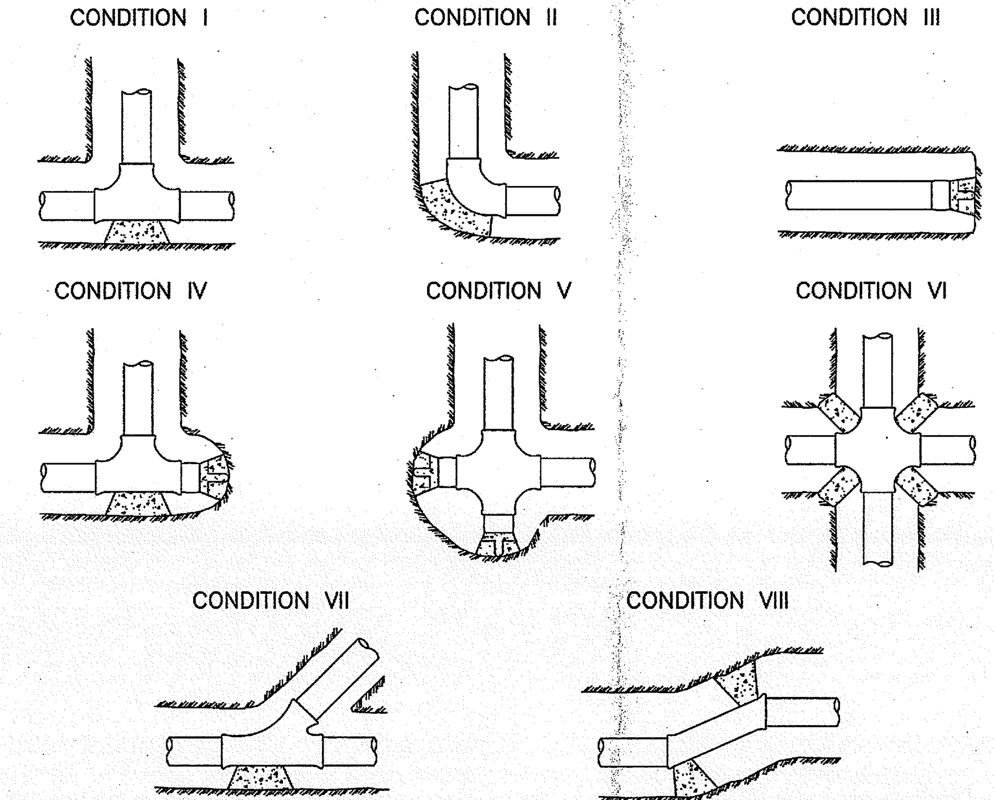
THE CIVIL ENGINEER SHALL NOT BE RESPONSIBLE IN ANY WAY FOR THE CONTRACTORS' AND SUBCONTRACTORS' COMPLIANCE WITH THE "OCCUPATIONAL SAFETY AND HEALTH REGULATIONS" OF THE U.S. DEPARTMENT OF LABOR OR WITH THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL RELATIONS' "CONSTRUCTION SAFETY ORDERS".

CONTRACTOR FURTHER 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; 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.

UNAUTHORIZES CHANGES AND USES

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

NOTES FOR THRUST BLOCK RESTRAINTS:



NOTES:

1. THRUST BLOCK AREAS BASED ON 200 PSI AND 1,500 PSF SOIL PRESSURE WITH 2 1/2 FEET OF COVER MINIMUM.
2. THRUST BLOCK BEARING FACES SHALL BE PLACED AGAINST UNDISTURBED SOIL, APPROVED COMPACTED BACKFILL, OR CLASS 100–E–100 SLURRY.
3. THRUST BLOCKS SHALL BE OF A CONCRETE MIX NOT LEANER THAN ONE PART CEMENT, TWO AND ONE–HALF PARTS SAND, AND FIVE PARTS STONE.
4. THRUST BLOCKS SHALL BE CLASS 560–C–3250 CONCRETE, UNLESS SPECIFIED OTHERWISE.
5. TO FACILITATE FUTURE REMOVAL OF THRUST BLOCKS AND LINE EXTENSIONS USE CARDBOARD SEPARATORS BETWEEN BLOCKS, IF NEEDED.

NFPA 24: TABLE A.10.8.2 (a)

THRUST AT FITTINGS @ 100 PSI WATER PRESSURE FOR DUCTILE IRON PIPE AND PVC PIPE				
PIPE SIZE	DEAD END "T"	90° BEND	45° BEND	22.5° BEND
4"	1,810	2,559	1,385	706
6"	3,739	5,288	2,862	1,459
8"	6,433	9,097	4,923	2,510
10"	9,677	13,685	7,406	3,776
12"	13,685	19,353	10,474	5,340

TO DETERMINE THRUST AT PRESSURE OTHER THAN 100 PSI, MULTIPLY THE THRUST OBTAINED IN THE TABLE BY THE RATIO OF THE PRESSURE TO 100 PSI.

EXAMPLE:
THRUST ON A 4", 90° BEND AT 200 PSI IS; 1,810 x (200/100) = 3,620

THRUST BLOCK BEARING AREA IN SQUARE FEET				
PIPE SIZE	DEAD END "T"	90° BEND	45° BEND	22.5° BEND
4"	3.6	5.1	2.8	1.4
6"	7.5	10.6	5.7	2.9
8"	12.9	18.2	9.8	5.0
10"	19.4	27.4	14.8	7.6
12"	27.4	38.7	20.9	10.7

BASED ON 200 PSI INTERNAL WATER & 1,500 PSI SOIL BEARING PRESSURES FACTOR OF SAFETY 1.5

EXAMPLE:
THRUST ON A 4", 90° BEND AT 200 PSI WITH A SOIL BEARING PRESSURE OF 1,500 PSI IS; (5,118/1,500) x 1.5 = 5.118 SQ. FT.

BLOCK HEIGHT SHOULD BE EQUAL TO OR LESS THAN 1/2 THE TOTAL DEPTH TO THE BOTTOM OF THE BLOCK BUT NOT LESS THAT THE PIPE DIAMETER.

BLOCK HEIGHT SHOULD BE CHOSEN SUCH THAT THE CALCULATED BLOCK WIDTH VARIES BETWEEN ONE AND TWO TIMES THE HEIGTH.

LEGAL DESCRIPTION

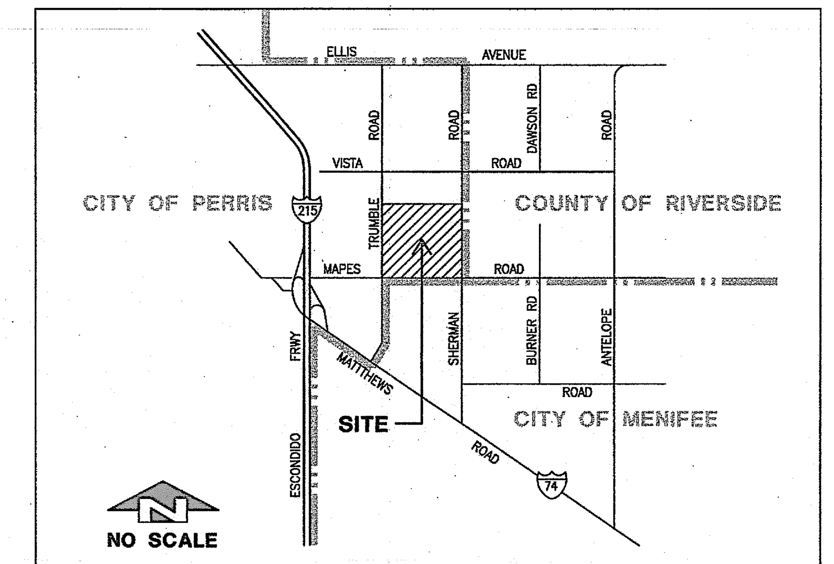
IN THE CITY OF PERRIS, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA, BEING LOTS 476 THROUGH 489 OF ROMOLA FARMS NO. 6A AS SHOWN BY MAP ON FILE IN BOOK 14 OF MAPS, PAGES 63, 64 AND 65, RECORDS OF SAID RIVERSIDE COUNTY, TOGETHER WITH THE SOUTHEAST ONE–QUARTER OF THE SOUTHEAST ONE–QUARTER OF THE SOUTHWEST ONE–QUARTER OF SECTION 3, TOWNSHIP 5 SOUTH, RANGE 3 WEST, SAN BERNARDINO MERIDIAN.

BASIS OF BEARINGS

BEARINGS SHOWN HEREON ARE BASED UPON THE CENTERLINE OF SHERMAN ROAD BEING NORTH 01°29'32" EAST AS SHOWN ON TRACT MAP NO. 25901, FILED IN BOOK 405, PAGES 86 THROUGH 91 OF MAPS, OFFICIAL RECORDS OF THE COUNTY OF RIVERSIDE.

BENCHMARK

RIVERSIDE COUNTY BENCHMARK: 600–33–68. ELEV. 1412.409
STANDARD BRASS DISK ON CONCRETE POST 1.3 MILES SOUTHEAST ALONG THE ATCHISON, TOPEKA AND SANTA FE RAILWAY FROM THE STATION IN PERRIS, 125 FT. NORTH OF CASE ROAD, 56 FT. NORTH OF THE MOST NORTHELY RAIL OF THE TRACK, 5 FT. WEST OF POWER POLE #74680, 2 FT. LOWER THAN THE RAILWAY, 2 FT. EAST OF A MARKER POST, SET A BRASS DISK IN THE TOP OF A CONCRETE POST.



TOWNSHIP 5 SOUTH RANGE 3 WEST SECTION 3

VICINITY MAP

NO SCALE

WATER QUANTITIES (FOR FIRE LINE CONSTRUCTION)

NO.	DESCRIPTION	QUANTITY	UNIT
70	CONNECT PROPOSED 8" PVC WATER LINE TO PROPOSED 8" DOUBLE CHECK DETECTOR ASSEMBLY PER SEPARATE OFF–SITE SEWER AND WATER PLAN.	1	EA
71	INSTALL BLUE REFLECTIVE MARKER PER CFC 901.4.3 AND DETAIL ON SHEET C5.02.	4	EA
72	CONSTRUCT 8" PVC AWWA C–900, CL150, WATER LINE WITH PIPE BEDDING PER E.M.W.D. STD. PLAN B–408 ON SHEET C5.02.	1,785	LF
73	CONSTRUCT 6" PVC AWWA C–900, CL150, WATER LINE WITH PIPE BEDDING PER E.M.W.D. STD. PLAN B–408 ON SHEET C5.02.	250	LF
74	CONSTRUCT 4"x 2 1/2"x 2 1/2" FIRE DEPARTMENT CONNECTION (FDC) PER DETAIL #74 ON SHEET C5.02 INCLUDING REQUIRED FITTINGS AND THRUST BLOCK PER DETAIL ON SHEET C5.01. PROVIDE IDENTIFICATION SIGN ON F.D.C. PER DETAIL #74 ON SHEET C5.02	3	EA
75	INSTALL 6" POST INDICATOR VALVE PER DETAIL #75 ON SHEET C5.02	3	EA
76	INSTALL 6" FIRE RISER PER DETAIL #76 ON SHEET C5.02.	3	EA
77	CONSTRUCT 6" FIRE HYDRANT PER E.M.W.D. STD. PLAN B–362 ON SHEET C5.02.	4	EA
78	INSTALL 8"x 22 1/2° BEND PER E.M.W.D. STD. PLAN B–663 ON SHEET C5.02 AND THRUST BLOCK PER DETAIL ON SHEET C5.01.	3	EA
79	INSTALL 8"x 11 1/4° BEND PER E.M.W.D. STD. PLAN B–663 ON SHEET C5.02 AND THRUST BLOCK PER DETAIL ON SHEET C5.01.	5	EA
80	CONSTRUCT 8" GATE VALVE PER E.M.W.D. STD. DWG. B–255 ON SHEET C5.02.	2	EA
81	INSTALL 8"x 45° BEND PER E.M.W.D. STD. PLAN B–663 ON SHEET C5.02 AND THRUST BLOCK PER DETAIL ON SHEET C5.01.	6	EA
82	INSTALL 8"x 8"x 8" TEE PER E.M.W.D. STD. PLAN B–663 ON SHEET C5.02 AND THRUST BLOCK PER DETAIL ON SHEET C5.01.	1	EA
83	INSTALL 8"x 8"x 6" TEE PER E.M.W.D. STD. PLAN B–663 ON SHEET C5.02 AND THRUST BLOCK PER DETAIL ON SHEET C5.01.	7	EA
84	INSTALL 6"x 90° BEND PER E.M.W.D. STD. PLAN B–663 ON SHEET C5.02 AND THRUST BLOCK PER DETAIL ON SHEET C5.01.	5	EA
85	INSTALL 6"x 45° BEND PER E.M.W.D. STD. PLAN B–663 ON SHEET C5.02 AND THRUST BLOCK PER DETAIL ON SHEET C5.01.	3	EA
86	INSTALL 6"x 22 1/2° BEND PER E.M.W.D. STD. PLAN B–663 ON SHEET C5.02 AND THRUST BLOCK PER DETAIL ON SHEET C5.01.	2	EA
87	INSTALL 6"x 11 1/4° BEND PER E.M.W.D. STD. PLAN B–663 ON SHEET C5.02 AND THRUST BLOCK PER DETAIL ON SHEET C5.01.	1	EA
88	INSTALL 6"x 6"x 6" TEE PER E.M.W.D. STD. PLAN B–663 ON SHEET C5.02 AND THRUST BLOCK PER DETAIL ON SHEET C5.01.	1	EA

LEGEND & ABBREVIATIONS

EX. W/L – HOT TAP
AVAR – COMBINATION A.V. & A.R.
FH – STANDARD FIRE HYDRANT
WM – SERVICE CONNECTION WITH METER
BO – BLOW–OFF
FDC – FIRE DEPARTMENT CONNECTION
RSGV – RESILIENT SEAT GATE VALVE F x F
RSGV – RESILIENT SEAT GATE VALVE H x H
– F x H ADAPTOR
RPP [B] – REDUCED PRESSURE BACKFLOW DEVICE
DCDA [DC] – DOUBLE CHECK DETECTOR ASSEMBLY
– REDUCER
– BLUE REFLECTIVE MARKER

NOTES

1. SEE SHEET C5.02 FOR UNDERGROUND FIRE PROTECTION STANDARD DRAWINGS AND DETAILS.
2. SEE SHEET C5.1 FOR WATER LINE PROFILES.
3. SEE SHEETS C5.2, C5.3 & C5.4 FOR UNDERGROUND FIRE LINES CONSTRUCTION.

BY: [signature] DATE: 6/18/09

I CERTIFY THAT THE DESIGN OF THE WATER SYSTEM IS IN ACCORDANCE WITH THE REQUIREMENTS PRESCRIBED BY THE CITY OF PERRIS FIRE DEPARTMENT.

APPROVED BY THE CITY OF
PERRIS FIRE ~~DEPARTMENT~~ MARSHAL

BY: [signature] for RENE AVILA
for Plan Check purposes

DATE: 6.30.09

MIG

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2552 WHITE ROAD • SUITE B, IRVINE, CA 92614
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PITASSI ARCHITECTS INC.

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WALDEN & ASSOCIATES

STRUCTURAL ENGINEERS
CORREIA CONSULTING & DESIGN

ELECTRICAL ENGINEERS
LRA ENGINEERS

IRRIGATION DESIGNER
WILLIAMS IRRIGATION DESIGN

GEOTECHNICAL ENGINEERS
CONVERSE CONSULTANTS

TURF GRASS CONSULTANT
GUISE AND ASSOCIATES

PERRIS VALLEY Big League Dreams

2155 Trumble Road
Perris, California, 92570

SHEET TITLE

UNDERGROUND FIRE PROTECTION TITLE SHEET

NOT FOR CONSTRUCTION

DATE	REVISIONS

STAMP

REGISTERED PROFESSIONAL ENGINEER
DAVID LEE BACON
No. 40496
Exp. 3-31-11
CIVIL
STATE OF CALIFORNIA

CHECKED BY	DATE
D.B.	

DATE	FILE NAME

DRAWN BY: B.A.

JOB NO.: 05208.00

SCALE: AS SHOWN

SHEET: C5.01 OF SHEETS