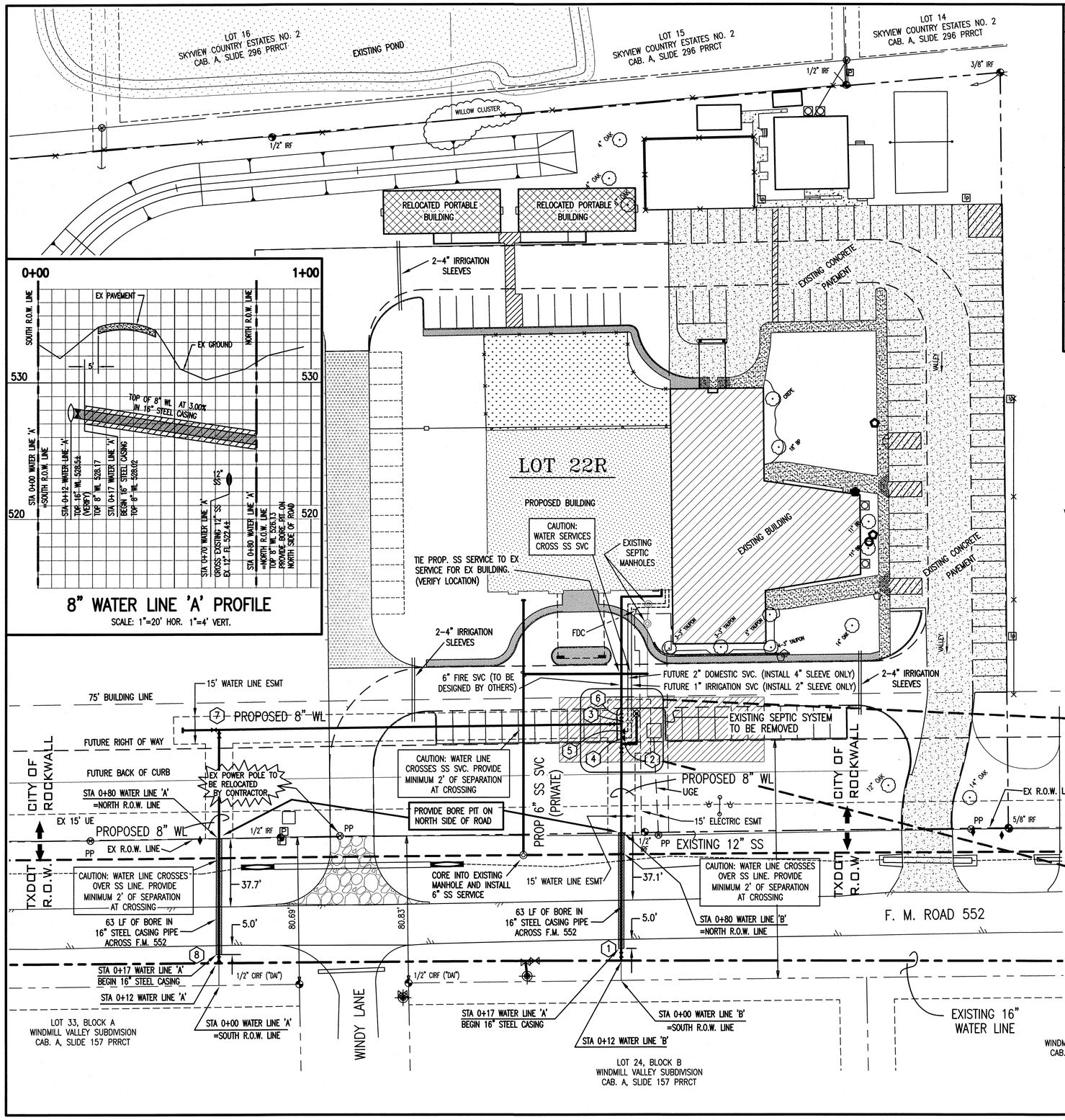
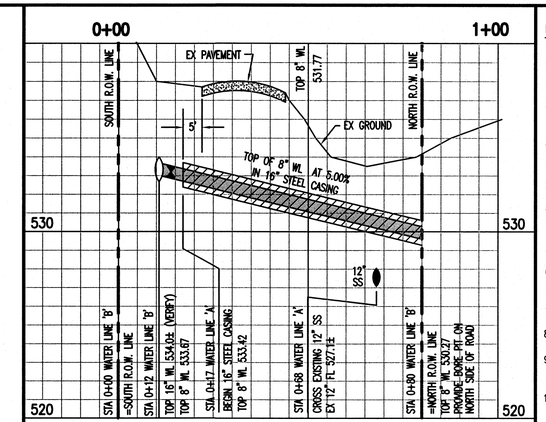


8" WATER LINE 'A' PROFILE

SCALE: 1"=20' HOR. 1"=4' VERT.



8" WATER LINE 'B' PROFILE

SCALE: 1"=20' HOR. 1"=4' VERT.

UTILITY NOTES

1. FIRE PROTECTION LINE TO BE DESIGNED BY LICENSED FIRE SPRINKLER CONTRACTOR. SHOWN FOR COORDINATION PURPOSES ONLY.
2. CONTRACTOR SHALL PROVIDE AND IMPLEMENT A TRENCH SAFETY PLAN FOR ALL TRENCHES IN ACCORDANCE WITH STATE LAW AND CITY OF ROCKWALL REQUIREMENTS.
3. COORDINATE ALL UTILITY WORK WITH WORK SHOWN ON MECHANICAL AND ARCHITECTURAL SHEETS.
4. ALL WATER MAINS SHALL BE C-900, CLASS 200 PVC, UNLESS OTHERWISE NOTED.
5. THERE SHALL BE A MINIMUM COVER OF 42 INCHES OVER THE WATER LINE AS MEASURED FROM THE TOP OF THE PIPE TO THE EXISTING GROUND, NATURAL GROUND, EXISTING PAVEMENT SUBGRADE, PROPOSED PAVEMENT SUBGRADE, OR THE PROPOSED FINISHED GRADE, WHICHEVER IS GREATER. DEPTH MAY BE GREATER AT CROSSING.
6. ALL FIRE HYDRANTS SHALL BE 3 TO 8 FEET BEHIND PROPOSED CURB. THE DEPTH OF BURY FOR FIRE HYDRANTS IS 4 FEET.
7. FIRE LINE SHALL HAVE 10' CLEARANCE FROM ALL UTILITIES UP TO 5' FROM BUILDING.
8. ALL DOMESTIC AND IRRIGATION SERVICES SHALL HAVE BACKFLOW W/DOUBLE CHECK VALVE.
9. CONTRACTOR SHALL VERIFY ELEVATIONS AND LOCATIONS FOR SEWER AND WATER SERVICE LINES TO BUILDINGS PER BUILDING CONSTRUCTION PLANS PRIOR TO CONSTRUCTION.
10. THE PAVING AND UTILITY CONTRACTORS SHALL PREPARE TRAFFIC CONTROL PLANS (TCP) WHICH COMPLY WITH THE CITY OF ROCKWALL STANDARDS, THE TCP's SHALL BE SIGNED BY THE RESPONSIBLE PARTY WITH A 24 HOUR PHONE NUMBER, THE TCP's SHALL BE SUBMITTED TO AND APPROVED BY THE CITY OF ROCKWALL. (PRIOR TO WORK IN THE RIGHT-OF-WAY, THE TCP'S SHALL BE PREPARED AND IMPLEMENTED AT NO EXTRA CHARGE. WORK WITHIN THE RIGHT OF WAY SHALL BE PROHIBITED BETWEEN THE HOURS OF 7:00 AM TO 9:00 AM AND 4:00 PM TO 6:00 PM.
11. ALL SIDEWALK CROSSINGS SHALL BE REPAIRED WITH 4" CLASS A CONCRETE WITH NO. 3 BARS AT 18" ON CENTERS BOTH WAYS.
12. DETECTOR CHECKS SHALL NOT BE PLACED IN EXISTING OR PROPOSED SIDEWALKS.
13. ALL IRRIGATION SLEEVES SHALL BE 4" SCHEDULE 40 PVC PIPE AND SHALL EXTEND 2' BEYOND THE BACK OF CURB. TOP OF SLEEVE SHALL BE 18 INCHES BELOW TOP OF PAVEMENT. CAP BOTH ENDS OF SLEEVE.
14. ALL SANITARY SEWER PIPE SHALL BE A MINIMUM SDR-35 PVC. SDR-26 IS REQUIRED FOR LINES DEEPER THAN 10' OR WITHIN 9' OF A WATER LINE.
15. THE CITY OF ROCKWALL WILL NOT SUPPLY DOMESTIC OR IRRIGATION WATER SERVICE.

BENCH MARK:

BM No. 1 (Set): North rim of sanitary sewer manhole located on north side of FM Road 552, approximately 220 feet west of drive entrance to Ridgeview Church and approximately 95 feet north of west intersection of Windy Lane.

ELEVATION: 533.11

FITTINGS LIST

(1) INSTALL:
1-16"X8" TAPPING SLEEVE AND VALVE. BEGIN 8" WATER LINE

(2) INSTALL:
1-8" X 6" TEE
1-6" GATE VALVE
1-8" GATE VALVE
1-6" 90° BEND
1-STANDARD FIRE HYDRANT ASSEMBLY

(3) INSTALL:
1-8"X8" TEE
1-8"X6" REDUCER
1-8" GATE VALVE

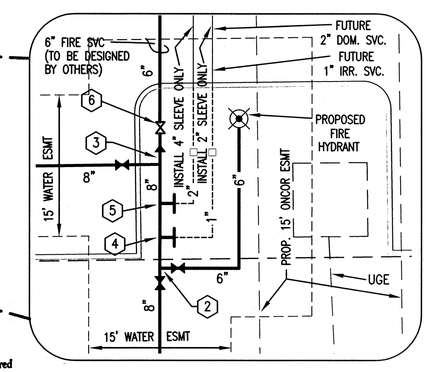
(4) INSTALL:
1-1" WATER TAP ON 8" LINE. LAY 3 LF 1" WATER LINE EAST AND CAP FOR FUTURE CONNECTION.

(5) INSTALL:
1-2" WATER TAP ON 8" LINE. LAY 3 LF 2" WATER LINE EAST AND CAP FOR FUTURE CONNECTION.

(6) INSTALL:
1-8"X8" TEE, 1-8"X6" REDUCER
1-6" DETECTOR CHECK ASSEMBLY WITH DOUBLE DETECTOR BACKFLOW PREVENTER ASSEMBLY (NO VAULT).
6" FIRE LINE (TO BE DESIGNED BY FIRE SPRINKLER CONTRACTOR)

(7) INSTALL:
1-8"X8" TEE
2-8" GATE VALVES
20 LF 8" WATER LINE
WEST & 1-8" PLUG FOR FUTURE EXTENSION

(8) INSTALL:
1-16"X8" TAPPING SLEEVE AND VALVE. BEGIN 8" WATER LINE



RECORD DOCUMENT

This Record Document (As Built) has been prepared based on information provided by others. The Engineer has not verified the accuracy and/or completeness of this information and shall not be responsible for any errors or omissions which may be incorporated herein as a result.

8/7/2012

STATE OF TEXAS
JOYCE P. STANTON
70197
LICENSED PROFESSIONAL ENGINEER

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ENGINEERING AND SURVEYING
401-A WEST ABRAM STREET • ARLINGTON, TEXAS 76010
(817) 275-3361
ESTABLISHED 1953 FIRM NUMBER F-615

WATER & SANITARY SEWER PLAN

LOT 22R
SKYVIEW COUNTRY ESTATES No. 3
ROCKWALL COUNTY, TEXAS

DESIGNED: JPS	SCALE: 1"=30'	DATE: NOVEMBER, 2011	SHEET: 5
DRAWN: CM, JCS		PROJECT No.: E-1030	
CHECKED: JPS			

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