

CIVIL CONSTRUCTION PLANS

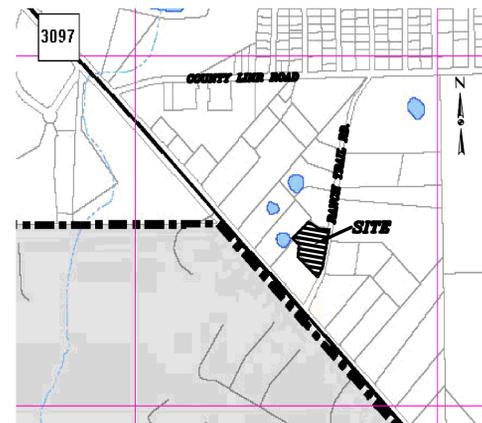
LOT 5, BLOCK A MAVERICK RANCH ADDITION SITE IMPROVEMENTS

JOSEPH STRICKLAND, ABST # 187

CITY OF ROCKWALL
ROCKWALL COUNTY, TEXAS

**GENERAL NOTES
(APPLICABLE TO ALL SHEETS)**

1. Excavated material shall be placed as directed by the Owner.
2. Construction shall meet the requirements of the latest revision of the Standards of Design and Standard Details for the City of Rockwall & NCTCOG Standards, 5TH Edition.
3. All fill areas to be density controlled and compacted to 95% density at optimum moisture content. Compacted with sheep foot roller.
4. Pavement thickness and strength shall be as follows:
Fire Lanes.....6"
Parking areas.....5"
Drive Approach within right of way ..8"
3600 psi at 28 days and reinforced with No.4 bar at 18" centers each way using a 6 sack mix for machine pour and a 6-1/2 sack mix for hand pour.
5. All sidewalks shall be 4" thick 3000 psi reinf. conc. with No. 3 rebar at 24" O.C.E.W. Cement content shall be not less than 5.5 sack per cubic yard
6. All streets shall be constructed with min. 6% lime stabilized subgrade compacted to 95% standard proctor density, lime series needs to be performed to verify.
7. It shall be the responsibility of the Contractor to locate and verify all existing utilities prior to the beginning of construction to insure no conflicts between all utility lines.
8. Where water pipelines either cross or otherwise come within 10 feet of a sanitary sewer pipeline, the sewer pipeline shall be with a minimum working pressure Class 150 psi.
9. All water lines installed to be PVC pipe C900 conforming to AWWA DR14 Standard C-900, fitting shall be mechanical or O-ring.
10. All water lines are to be installed a minimum of 48" deep measured from top of pipe.
11. All storm inlets shall be cast-in-place with a minimum of 4200 psi and 7.0 sack for all structures. No fly ash
12. Utility contractor shall use MEGALUGS when installing the water line and double strap services when installing the services.
13. Water services shall be a minimum of 1" SDR-9 polyethylene pipe installed with two in-line nylon ball cutoff valves inside the meter box. Corporation cock shall be Mueller No. H-15000 w/ straight coupling nut or approved equal. Curb stops shall be Mueller No. H-15174 MK orisael or approved equal.
14. All water lines shall be pressure tested and disinfected in accordance with AWWA C 601.
15. All gate valves shall be Mueller or approved equal and conform to AWWA C-500 specifications. All gate valves shall be iron body, bronze mounted, double disk, parallel seat, non-rising stem, internal wedging type.
16. All fire hydrants shall be located 2' to 6' behind curb line. All fire hydrants shall be Mueller or approved equal.
17. All handicap ramps shall be installed with paving.
18. Contractor is responsible for acquiring NCTCOG and Rockwall Standards and Details.
19. Blue EMS disk to installed at every change in direction, services, and valves on waterlines
20. Green EMS disks to installed at every change in direction, manhole, cleanout, and service on sanitary sewer lines..
21. Floodway monument shall be installed per City of Rockwall detail.
22. All gravity sewer shall be SDR 35, unless otherwise noted and in conformance with City of Rockwall Standards.
23. All City and TxDOT right-of-way to be sodded.
24. Contractor to adjust all proposed utilities to grade.
25. All detention to be constructed in place, stabilized, and functioning per approved plans with sodd or anchor seeded curlex before paving and building can start.



LOCATION MAP
NTS

**GENERAL NOTES
(APPLICABLE TO ALL SHEETS)**

1. ALL WORKS ON THIS PROJECT/CONTRACT SHALL COMPLY WITH ALL THE REQUIREMENTS OF CITY OF ROCKWALL AND AUTHORITIES HAVING JURISDICTION.

SHEET INDEX

- 1.0 COVER SHEET
- 1.1 FINAL PLAT
- 1.2 GENERAL CONSTRUCTION NOTES
- 2.0 SITE PLAN
- 3.0 DIMENSION CONTROL AND PAVING PLAN
- 4.0 EXISTING AREA DRAINAGE MAP
- 4.1 DRAINAGE AREA MAP, WEIRS 1,2,& 3
- 4.2 DRAINAGE WEIRS 4 & 5
- 5.0 STORMWATER DETENTION CALCULATIONS
- 6.0 GRADING PLAN
- 7.0 UTILITIES PLAN
- 8.0 STORM SEWER PLAN
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- 10.0 LANDSCAPE PLAN
- 11- 15 CONSTRUCTION DETAILS

CAUTION!!!

UNDERGROUND UTILITIES

EXISTING UTILITIES AND UNDERGROUND FACILITIES INDICATED ON THESE PLANS HAVE BEEN LOCATED FROM REFERENCE INFORMATION SUPPLIED BY THE VARIOUS OWNERS OF THE FACILITIES. THE ENGINEER DOES NOT ACCEPT THE RESPONSIBILITY FOR THE UTILITY LOCATIONS SHOWN. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY BOTH HORIZONTALLY AND VERTICALLY THE LOCATION OF ALL EXISTING UTILITIES AND UNDERGROUND FACILITIES PRIOR TO CONSTRUCTION, TO TAKE NECESSARY PRECAUTIONS IN ORDER TO PROTECT ALL FACILITIES ENCOUNTERED, AND TO NOTIFY THE ENGINEER PROMPTLY OF ALL CONFLICTS OF THE WORK WITH EXISTING FACILITIES. THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING FACILITIES FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGE BY THE CONTRACTOR TO EXISTING UTILITIES SHALL BE REPAIRED BY THE CONTRACTOR AT HIS/HER EXPENSE.

NOTE:

CONTRACTOR TO VERIFY IN THE FIELD THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. INFORMATION PROVIDED WITHIN THESE PLANS DOES NOT RELIEVE THE CONTRACTOR OF THE FULL AND TOTAL RESPONSIBILITY FOR THE PROTECTION OF EXISTING UTILITIES NOR ANY DAMAGES CAUSED BY SAID CONTRACTOR DURING CONSTRUCTION.



ALL RESPONSIBILITY FOR ADEQUACY OF DESIGN REMAINS WITH THE DESIGN ENGINEER. THE CITY OF ROCKWALL, IN REVIEWING AND RELEASING PLANS FOR CONSTRUCTION, ASSUMES NO RESPONSIBILITY FOR ADEQUACY OR ACCURACY OF DESIGN.

REVISED TO CONFORM TO CONSTRUCTION RECORDS.

W. Douphrate II

DATE: 2-17-26

CIVIL ENGINEER

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THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY W.L. DOUPHRATE II, TEXAS P.E. NO. 60102, F-886, ON AUG 26, 2019



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