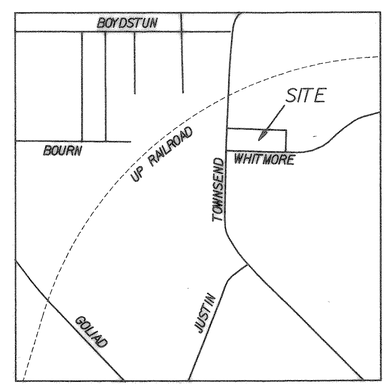
LOT 8, BLOCK A - MUNICIPAL INDUSTRIAL PARK

PAVING, DRAINAGE & UTILITY IMPROVEMENTS

CITY OF ROCKWALL, TEXAS

PAVING AND GRADING GENERAL NOTES

1. All construction shall conform to the City of Rockwall Standard Construction Details, NCTCOG 3rd Addition Standard Specifications for Public Works Construction. In the event that an item is not covered, the contractor shall bring the problem to the attention of the engineer for approval or modification.
2. Excavation or fill operations shall not interfere with or obstruct pre-construction drainage patterns until such time as on-site drainage improvements are constructed.
3. Top of curb elevations are noted with (TC) following them. Gutter elevations are 0.50 feet below top of curb. All other spot elevations shown are to top of pavement or finished grade unless otherwise noted. The intention of this grading plan is preclude ponding water on paving or grassed areas. If the contractor finds any location that will result in ponding water, the Engineer shall be notified for clarification prior to pavement placement.
4. All subgrade beneath proposed pavement shall be scarified 8" deep and compacted to 95% Standard Proctor (ASTM-D-698) at or slightly above optimum moisture content. No objectionable fill to be exposed. Refer to Geotech in field to determine if additional soil preparation required.
5. All driveways/approaches shall match existing street pavement sections. Firelane and access to the dumpster location and access easement pavement shall be 6" thick 6.0 sack min for machine place, 6.5 sack min for hand place 3600 psi concrete with #3 bars on 18" centers both ways. Parking lot pavement shall be 5" 3000 psi concrete with #3 bars on 18" centers both ways.
6. The trash enclosure foundation shall be constructed of 8" thick 3000 psi concrete with #3 bars on 18" centers both ways. Slab edges shall be 12" wide by 24" deep with two #5 bars top and bottom.
7. Sawed transverse dummy joints shall be installed in concrete pavement on 15' centers. Sawed longitudinal dummy joints shall be installed along centerline of fire lane and outsides were applicable. All joints shall be filled with an approved sealer.
8. Transverse expansion joints shall be installed at all drive returns. Expansion joints shall be placed along all fixed objects such as light poles and foundations.
9. Contractor shall adjust all manholes and water valves to match finished grades as shown on drawings.
10. Street lights shall be installed 3 1/2 to 4' behind back of curbs as required but shall not encroach on any sidewalks.
11. Contractor shall construct barrier free ramps at all intersections per City of Rockwall Details. All handicap ramps, stalls, walks and access to the building(s) shall meet ADA standards.
12. All conduit for irrigation sleeves shall be class 200 PVC installed 12" below concrete pavement and extend 2' outside of back of curb.
13. Contractor shall be responsible for traffic control, warning and safety devices until all work has been accepted by the City of Rockwall and the owner.
14. Contractor shall be responsible for Trench Safety in compliance with the Occupational Safety and Health Administration's trench safety standards.
15. The location of existing utilities shown on these plans are approximate. All utilities may not be shown. It is the responsibility of the contractor to contact the City of Rockwall and all area utilities that may conflict with construction prior to beginning work.
16. Erosion control shall conform to latest City of Rockwall Erosion Control Manual.
17. All fill to be compacted to 95% standard proctor density using a sheepsfoot roller.



VICINITY MAP
NOT TO SCALE

RECORD DRAWING 10-29-07

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UTILITY CONSTRUCTION GENERAL NOTES

1. All water construction shall conform to the City of Rockwall Standard Construction Details and Standard Specifications for Public Works Construction. In the event an item is not covered, the contractor shall bring the problem to the attention of the Engineer for a decision, approval or modification.
2. All water mains shall be Class 200, C900 PVC pipe.
3. All gate valves shall be City approved resilient Seat Gate Valves (A-2370-series).
4. All fire hydrants must meet City of Rockwall Specifications.
5. Hose/pumper nozzles on fire hydrants shall be 18" above top of curb, or finished grade and shall face the streets or firelane. Fire hydrant shall not be placed less than 2.0' nor more than 6.0' behind the curb.
6. All water mains shall have a minimum cover of 48" below finished grade.
7. All water mains shall be pressure tested in accordance with the specifications. The Contractor shall flush and sterilize all water mains.
8. The location of existing utilities shown on these plans is approximate. All utilities may not be shown. It is the responsibility of the contractor to contact all area utilities that may conflict with construction prior to beginning work.
9. All concrete blocking and embedment for water and sewer line shall be in accordance with the City of Rockwall construction standards.
10. Contractor shall be responsible for traffic control, warning and safety devices until all work has been accepted by the City of Rockwall and the owner.
11. Contractor shall be responsible for Trench Safety in compliance with the Occupational Safety and Health Administration's trench safety standards.
12. Install green EMS disk on the sanitary sewer at every change in direction, manhole, cleanout and service.

13. ALL FIRE HYDRANTS SHALL HAVE 5' CLEARANCE.

ENGINEER:

HELMBERGER ASSOCIATES, INC.

CIVIL AND ENVIRONMENTAL ENGINEERS

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Topography and field surveying provided by Rockwall Surveying, Inc..

Asbuilt utilities, paving and drainage information obtained from record drawings on file with the City of Rockwall.