

DEMOLITION GENERAL NOTES

- All demolition debris shall be disposed of legally in a permitted disposal facility.
- Contractor to only remove trees designated by the owner, and dispose of legally at a permitted disposal facility. Tree removal to include all stumps and root balls.
- Contractor is responsible for locating all existing utilities and protecting them through construction.
- Locations of existing structures and pavement to be removed are approximate and are shown for reference. Contractor is responsible for identifying the number, type, and size of all structures including pavement to be removed.
- All structures and foundations on site are to be removed to a minimum elevation of 2 feet below the proposed finished site grades. If basements are encountered, they are to be filled in engineered lifts and brought to finished grade as directed by the geotechnical engineer.
- The Contractor is responsible for identifying and obtaining all permits that are required for site demolition.
- The Contractor shall contact each utility company prior to demolition to coordinate the disconnection/relocation of utility services. All water and sanitary sewer services to be abandoned shall be disconnected and capped at the main or as required by the city.
- The Contractor must meet the requirements of the Texas Pollutant Discharge Elimination System General Permit No. TXR 150000, issued on March 5, 2018. If the project will disturb more than 1.0 acres of land, the contractor must prepare or have prepared a Storm Water Pollution Prevention Plan (SWPPP) and adhere to the requirements of the plan.

PAVING GENERAL NOTES

- All materials and workmanship shall conform to the City of Rockwall standards and specifications, and to the Standard Specifications for Public Works Construction for North Central Texas prepared by the North Texas Council of Governments, 5th edition and the City of Rockwall addendum thereto.
- The paving contractor shall be responsible for the adjustment of water and sanitary sewer appurtenances in accordance with the standard details and specifications of the City of Rockwall.
- Subgrade shall be scarified to depth of at least 6" and compacted to 95% percent of Standard Proctor density (ASTM D 698) at 0 to +3% of the materials optimum moisture content. The subgrade shall be in a moist condition at the time concrete is deposited thereon.
- Dummy joints should be formed by one of the following methods: sawed, hand-formed or formed by premolded filler. Joint depth should be equal to one-fourth (1/4) of the slab thickness. Hand formed joints should have a maximum edge radius of one-fourth (1/4) inch. Sawing of joints should begin as soon as the concrete has hardened sufficiently to permit sawing without excessive raveling. All joints should be completed before uncontrolled shrinkage cracking occurs. Joints should be continuous across the slab unless interrupted by full-depth premolded joint filler and should extend completely through the curb. All joint openings shall be cleaned and sealed before opening paved area to traffic.

Joint spacing

Expansion joints	90' max
Sawed Joints	17' for 7" pavement
Sawed Joints	15' for 6" pavement
Sawed Joints	12' for 5" pavement
Construction Joints	Located at sawed joints or Expansion joints

- Expansion joints or isolation joints shall be used to isolate fixed objects abutting or within the paved area. They should contain premolded joint filler for the full depth of the slab.
- All dimensions are to face of curb unless otherwise noted.
- All concrete shall have a min. compressive strength of 3600 psi (6.5 sack/cy min.) at 28 days, and a minimum of 6% air entrained unless otherwise noted.
- Contractor shall obtain and pay for all permits required.
- Contractor shall dispose of surplus dirt, debris, etc., legally offsite. All work areas shall be cleaned up at the completion of the work.
- Surface finishing shall be skid resistant, a liquid curing compound shall be uniformly sprayed on the concrete immediately after the finishing operation.
- Contractor shall provide all safety devices for the protection of the public.
- All parking stalls to be marked by a 4" wide painted white stripe as indicated on the drawings.
- Concrete pavement and structures shall be backfilled as soon as possible after forms are removed.
- Fire lanes shall be marked by six (6) inch wide lines using red traffic paint, with the wording "No Parking" and "Fire Lane" painted on the lines at intervals of fifteen (15) feet and lettering will be four (4) inches high and one (1) inch wide painted with white traffic paint or as required by the City.
- All Barrier Free Ramps (BFR) must meet current American Disability Act (ADA) and Texas Accessibility Standard (TAS) requirements for slope, surface finish, and color.
 - Textures on BFR may consist of pavers with raised truncated cones, the full width and depth of the curb ramp. Surfaces must be constructed in a way that prevents water from accumulating on the ramp.
 - For purposes of warning, the full width and depth of curb ramps shall have a light reflective value and texture that significantly contrasts with that of adjoining pedestrian routes.
- No sand allowed under paving.

GRADING GENERAL NOTES

- All materials and workmanship shall conform to the City of Rockwall standards and specifications, and to the Standard Specifications for Public Works Construction for North Central Texas prepared by the North Texas Council of Governments, 5th edition and the City of Rockwall addendum thereto.
- Areas around the perimeter of the building shall be graded at to ensure proper drainage away from the foundation.
- The contractor must refer to the geotechnical report, foundation plans, and landscape plans for 1) all backfill and compaction requirements, 2) foundation water proofing and 3) underdrains and landscape drains around the perimeter of the building.
- Grades shown on the plans around the perimeter of the building are finished grades and are inclusive of bedding material for proposed landscape beds, topsoil and sod for lawn areas, and pavement.
- Should the contractor encounter any unusual geological conditions during the construction of the project, he must notify the civil engineer for supplemental recommendations.
- All areas to receive paving shall be stripped to effectively remove all vegetation, top soil, and debris, if present. Debris shall be disposed of legally offsite. Topsoil shall be stockpiled for landscaping purposes.
- The contractor shall establish interior drainage swales to remove rainfall from the site. Water must not be allowed to pond in tree grub holes. The site should be graded such that positive surface drainage away from the work areas is established and maintained at all times. Water must not be allowed to pond on the surface during construction.
- The contractor shall provide sediment and erosion control measures as required by the City of Rockwall throughout the construction of the project. Filter fabric fences will be placed at the top and toe of slopes, in the flow line of ditches and along the perimeter of the project. Erosion controls must remain until landscaping is complete and ground cover is established.
- All areas that will receive fill shall be proof-rolled to identify weak zones. All weak zones must be removed and replaced prior to fill placement. The entire area to receive fill shall then be scarified and re-compacted as specified in the geotechnical report.
- Limestone or other rock-like materials used as fill shall be compacted to at least 95 percent of standard proctor maximum dry density. No individual rock pieces larger than 4 inches in diameter should be used as fill. Additionally, no rock fill should be used within 1 ft below the bottom of floor or pavement slabs.
- Fill materials should be placed in loose lifts, between 6 and 8 inches thick, and each lift compacted with sheepfoot roller to a minimum of 95 percent of the maximum dry density as defined in ASTM D 698 at 3 percent of optimum moisture content. Each lift should be inspected and approved by a qualified engineering technician, supervised by a geotechnical engineer before another lift is added.
- Testing is required, and shall be performed by a laboratory approved by the engineer/owner and paid for by the owner.
- It is the responsibility of the contractor to locate and protect all public utilities, in the construction of this project. All manholes, cleanouts, valve boxes, fire hydrants, etc., must be adjusted to proper line and grade by the contractor prior to and after the paving of permanent paving.
- The Contractor must meet the requirements of the Texas Pollutant Discharge Elimination System General Permit No. TXR 150000, issued on March 5, 2013. If the project will disturb more than 1.0 acres of land, the contractor must prepare or have prepared a Storm Water Pollution Prevention Plan (SWPPP) and adhere to the requirements of the plan.
- Contractor is required to adjust all existing utilities/storm appurtenances to finished grade.

STORM SEWER GENERAL NOTES

- All materials and workmanship shall conform to the City of Rockwall standards and specifications, and to the Standard Specifications for Public Works Construction for North Central Texas prepared by the North Texas Council of Governments, latest edition and the City of Rockwall addendum thereto.
- All drainage structures shall be 4200 psi (7.0 sacks/cy) concrete at 28 days.
- Reinforced Concrete Pipe shall be Class III unless otherwise noted. Preformed Butyl Pipe sealant shall be used on all pipe joints unless otherwise noted.
- PVC pipe shall be SDR 35 (ASTM 3034) unless otherwise noted.
- All pipe backfill shall be compacted to 95% of standard proctor density in six (6) inch lifts.
- Water jetting will not be allowed.
- All wye connections and bends shall be manufactured fittings.
- Contractor is responsible for locating all utilities and coordinating with utility companies prior to construction.

EROSION CONTROL - GENERAL NOTES

- All procedures and materials used for erosion control shall be approved by the City of Rockwall.
- It shall be the contractor's responsibility to use whatever means are necessary to control and limit silt and sediment leaving this site. Specifically, the contractor shall protect all public streets, alleys, streams, storm drain systems and inlets from erosion deposits. The contractor shall comply with storm water pollution prevention management practices per the City of Rockwall and TCEQ Requirements.
- Silt fencing shall be Beltech silt fence 751 37" width or approved equal. Accumulated sediment shall be graded away from fence periodically when necessary.
- Prior to commencing any construction, perimeter silt fence shall be installed at the locations shown on the plans and a stabilized construction entrance shall be constructed per the Erosion Control and Storm Water Pollution Prevention Plans as applicable.
- Plant materials must be suitable for use under local climate and soil conditions. In general, hydro seeding or sodding bermuda grass is acceptable during the summer months (May 1 to August 30). Winter rye or fescue grass may be planted during times other than the summer months as a temporary measure until such time as the permanent planting can be made.
- As inlets are completed, temporary sediment barriers and inlet protection shall be installed in accordance with the City of Rockwall Specifications.
- At the completion of the paving and final grading, the disturbed area(s) shall be revegetated in accordance with the plans and specifications.
- Silt fence and inlet sediment barriers shall remain in place until revegetation has been completed.
- Disturbed areas that are seeded or sodded shall be checked periodically to insure that grass coverage is properly maintained. Disturbed areas shall be watered, fertilized and reseeded or resodded, if necessary.
- If the erosion control is removed for construction and/or access purposes, the contractor shall replace it at the end of each work day.
- Erosion protection may be added or deleted per the City of Rockwall.
- If off-site soil borrow or spoil sites are used in conjunction with this project, this information shall be disclosed and shown on the Erosion Control Plan. Off-site borrow and spoil areas are considered a part of the project site and therefore shall comply with the City of Rockwall erosion control requirements. These areas shall be stabilized with permanent ground cover prior to final approval of the project.
- The Contractor must meet the requirements of the Texas Pollutant Discharge Elimination System General Permit No. TXR 150000, issued on March 5, 2018. If the project will disturb more than 1.0 acre of land, the contractor must prepare or have prepared a Storm Water Pollution Prevention Plan (SWPPP) and adhere to the requirements of the plan.
- The Contractor must provide appropriate controls to minimize dust and wind erosion during the construction process. Controls may include, but are not limited to 1) moisture conditioning the soil through the application of water, 2) sealing the soil with additives, or 3) covering the soils with less erodible materials, vegetation or pavement.
- All disturbed R.O.W. to be sodded before City acceptance.
- All disturbed landscape areas shall have 75-80% coverage of 1" stand or grass (no winter rye or weed allowed) prior to City acceptance.

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.

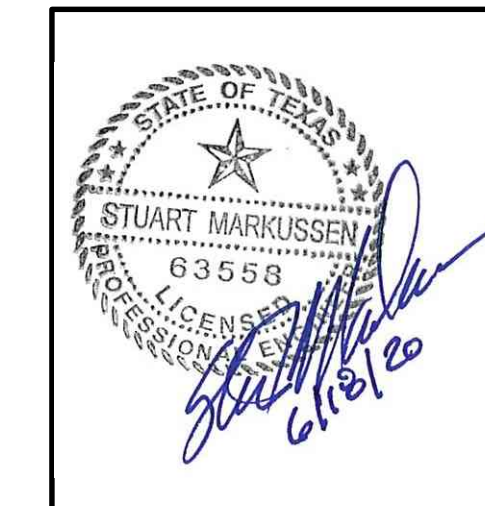
RECORD DRAWING
 TO THE BEST OF OUR KNOWLEDGE, RLG INC. HEREBY STATES THAT THESE PLANS ARE RECORD DRAWINGS. THIS INFORMATION IS BASED ON SURVEYING AT THE SITE AND INFORMATION PROVIDED BY THE CONTRACTOR.
 DATE: 06/18/2020

REVISIONS			
REV NO.	DATE	DESCRIPTION	BY

RLG CONSULTING ENGINEERS
 12001 N. CENTRAL EXPRESSWAY #300 DALLAS, TX 75243
 TBPE FIRM REG. F-493

GENERAL NOTES
THR PRESBYTERIAN HOSPITAL EXPANSION
ROCKWALL, TEXAS
PERKINS & WILL

PHASE I - PARKING EXPANSION - IFC					
REVIEW	DRAWN	DATE	FILE	NUMBER	SHEET
RLG	RLG	1/6/2020	1913	017	C8.00



BENCHMARKS:
 BENCHMARK #1: A CHISELED "X" CUT ON THE TOP OF A DROP INLET, 75'± NORTHWEST OF THE CENTERLINE OF TUBBS ROAD, 103'± SOUTHWEST OF THE CENTERLINE OF HORIZON ROAD. ELEVATION: 513.98'
 BENCHMARK #2: A CHISELED "X" CUT AT THE NORTHERMOST CORNER AN INLET, ON THE NORTHEASTERLY LINE OF A PRIVATE DRIVE, 10' NORTHWEST OF A CURB RETURN IN SAID NORTHEASTERLY LINE OF A PRIVATE DRIVE, 371'± NORTHWEST OF THE CENTERLINE OF TUBBS ROAD, AND 268'± SOUTHWEST OF THE CENTERLINE OF HORIZON ROAD. ELEVATION: 525.32'