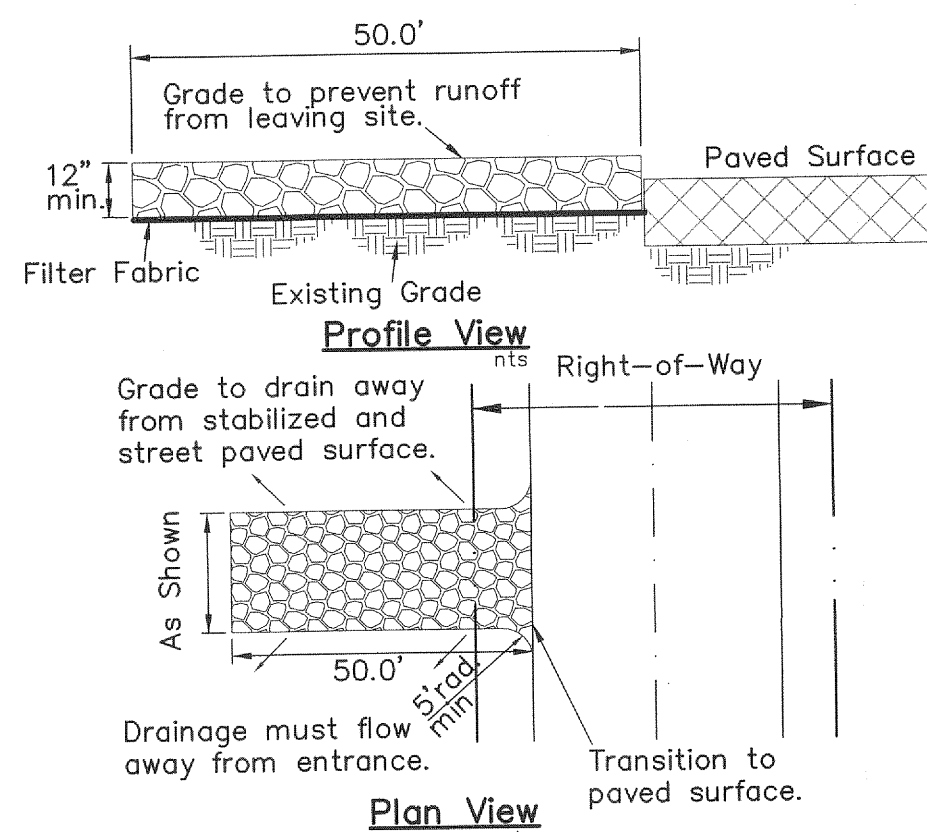


STABILIZED CONSTRUCTION ENTRANCE NOTES:

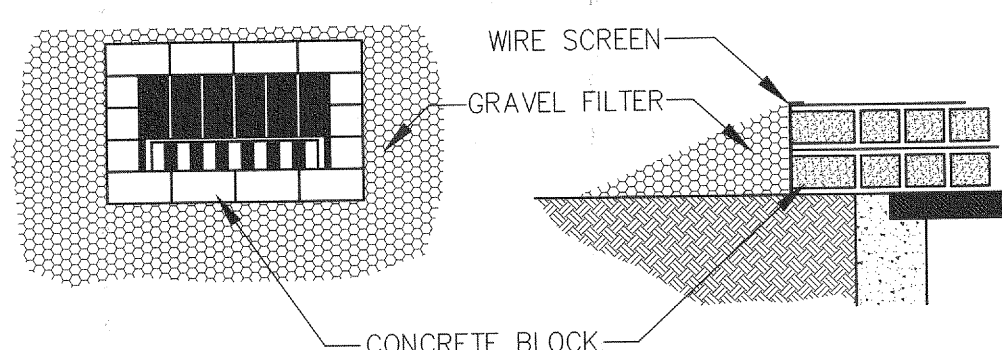
1. Stone shall be 4 to 6 inch diameter crushed rock or stone.
2. When necessary, vehicles shall be cleaned to remove sediment prior to entrance onto a public roadway. When washing is required, it shall be done on a area stabilized with crushed stone with drainage flowing away from both the street and the stabilized entrance/exit. All sediment shall be prevented from entering any storm drain, ditch or watercourse using approved methods.
3. The entrance/exit shall be maintained in a condition which will prevent tracking or flowing of sediment onto paved surfaces. This may require periodic top dressing with additional stone as conditions demand. All sediment spilled, dropped, washed or tracked onto paved surfaces, must be removed immediately.
4. The entrance/exit must be properly graded or incorporate a drainage swale to prevent runoff from leaving the construction site.
5. Revegetate TxDot R.O.W. per TxDot spec. book (2004) items 162& 164. Remove all erosion control devices from TxDot R.O.W. upon establishment of 70% vegetative cover inside TxDot R.O.W.



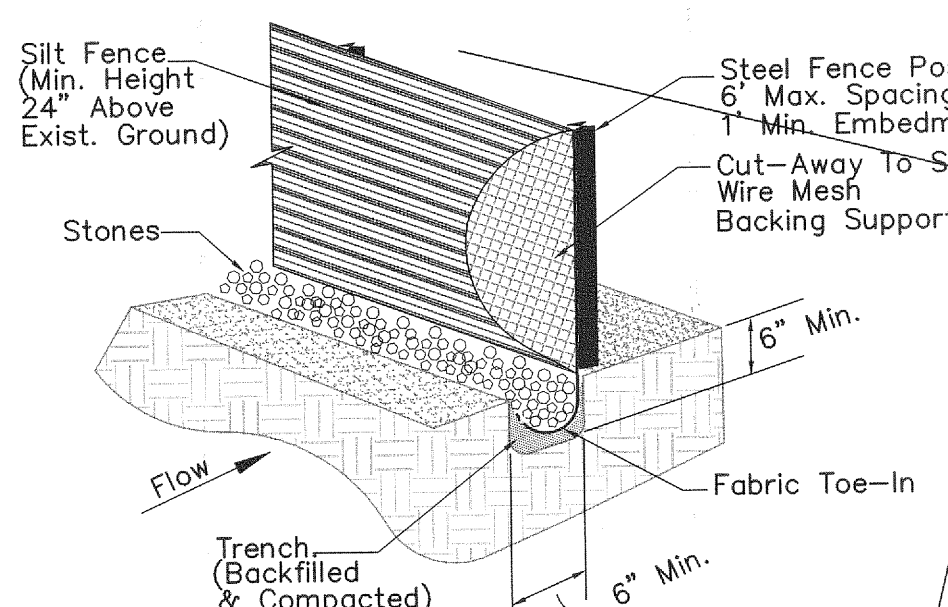
STABILIZED CONSTRUCTION ENTRANCE/EXIT

BLOCK AND GRAVEL PROTECTION

Concrete blocks are to be placed on their sides in a single row around the perimeter of the inlet, with ends abutting. Opening in the blocks should face outward, not upward. Wire mesh shall then be placed over the outside face of the blocks covering the holes. Filter stone shall then be piled against the wire mesh to the top of the blocks with the base of the stone being a minimum of 18 inches from the blocks. Periodically, when the stone filter becomes clogged, the stone must be removed and cleaned in a proper manner or replaced with new stone and piled back against the wire mesh.



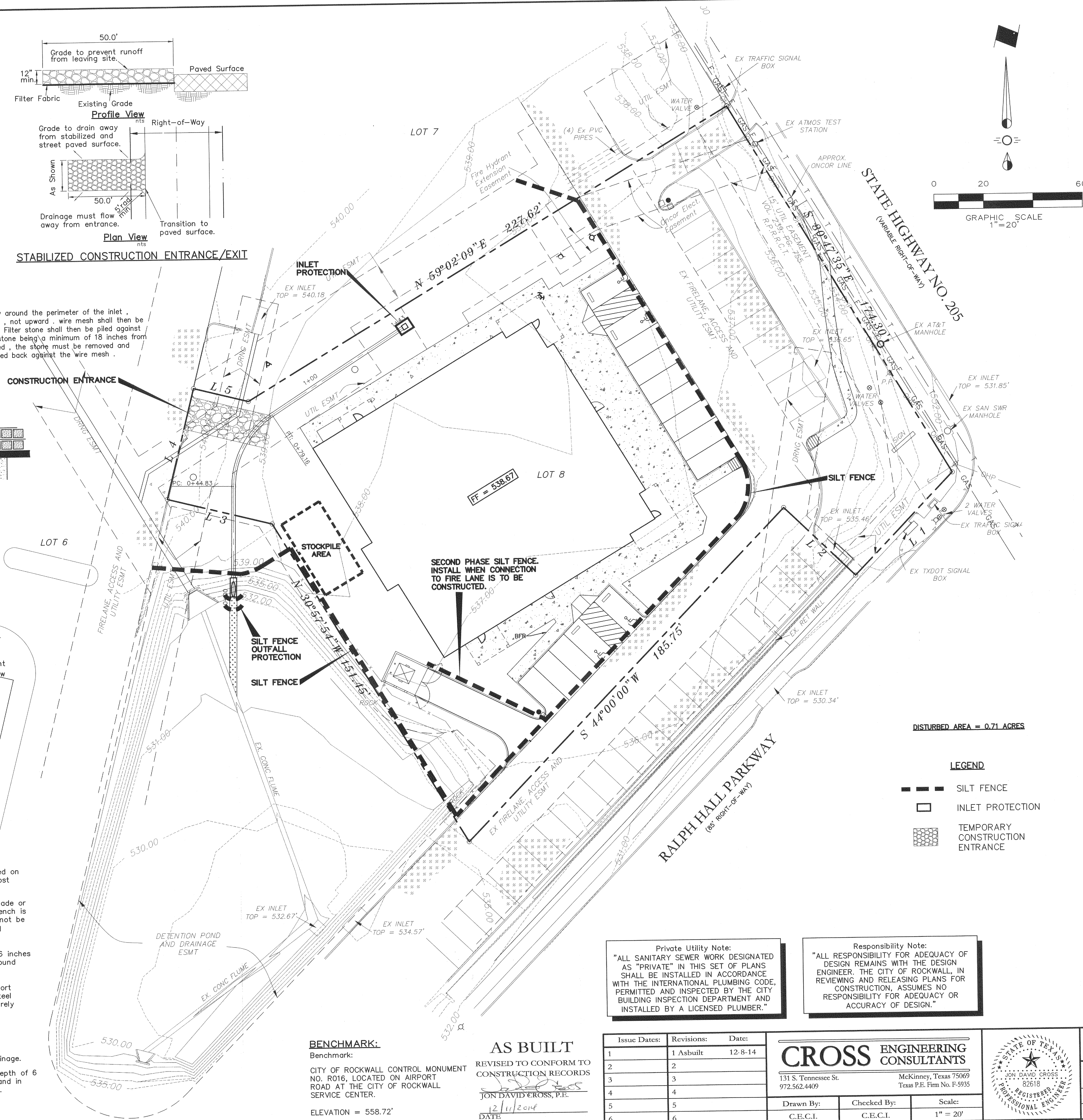
DROP INLET PROTECTION



SILT FENCE DETAIL

SILT FENCE CONSTRUCTION NOTES

1. Steel posts which support the silt fence shall be installed on a slight angle toward the anticipated runoff source. The post must be embedded a minimum of one foot.
2. The toe of the silt fence shall be trenched in with a spade or mechanical trencher, so that the downslope face of the trench is flat and perpendicular to the line of flow. Where fence cannot be trenched in (e.g. pavement), weight fabric flap with washed gravel on the uphill side to prevent flow under fence.
3. The trench must be a minimum of 6 inches deep and 6 inches wide to allow for the silt fence fabric to be laid in the ground and backfilled with compacted material.
4. Silt fence shall be securely fastened to each steel support post or to woven wire, which is in turn attached to the steel support post. There shall be a 6 inch double overlap, securely fastened where ends of fabric meet.
5. Inspection shall be made weekly or after each rainfall. Repair or replacement shall be made promptly as needed.
6. Silt fence shall be removed when the site is completely stabilized so as not to block or impede storm flow or drainage.
7. Accumulated silt shall be removed when it reached a depth of 6 inches. The silt shall be disposed of at an approved site and in such a manner as to not contribute to additional siltation.



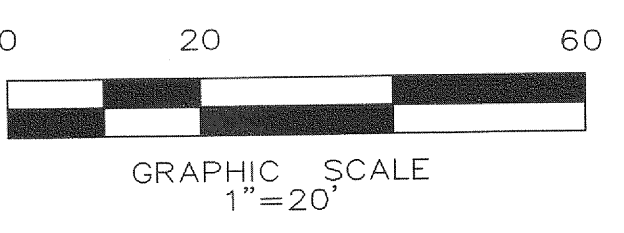
DISTURBED AREA = 0.71 ACRES

LEGEND

- SILT FENCE
- INLET PROTECTION
- ▨ TEMPORARY CONSTRUCTION ENTRANCE

STORMWATER POLLUTION PREVENTION NOTES

1. It is the intent of the information provided on this sheet to be used as the general guidelines of the storm water pollution prevention plan for this project to establish a minimum basis of compliance with federal regulations.
2. The storm water pollution prevention plan shall meet the requirements for storm water discharges from construction sites published in the Texas general permit no. Tsr 150000, dated March 5, 2013, issued pursuant to section 26.040 of the Texas water code and section 402 of the clean water act, by the Texas commission on environmental quality (tceq).
3. The storm water pollution prevention plan should address three goals:
 - a) diversion of upslope water around disturbed areas of the site;
 - b) limit the exposure of disturbed areas to the shortest duration possible; and
 - c) removal of sediment from storm water before it leaves the site.
4. The contractor shall have the storm water pollution prevention plan available onsite.
5. The contractor must amend plans whenever there is a change in design, construction, operation, or maintenance of the plan, or when the existing plan proves ineffective. Modifications including design and all additional materials and work shall be accomplished by the contractor at no additional expense to the owner.
6. Stabilization measures are to be inspected at a minimum of once every 7 days and within 24 hours after any storm event greater than .05 inches. Repairs and inadequacies revealed by the inspection must be implemented within 1 calendar day following the inspection. Rain gauge shall be placed on-site to measure and record.
7. An inspection report that summarizes inspection activities and implementation of the storm water pollution prevention plan shall be retained and made part of the plan.
8. All contractors and subcontractors identified in the plan must certify as to an understanding of the NPDES general permit before conducting any activity identified in the pollution prevention plan.
9. The contractor shall adopt appropriate construction site management practices to prevent the discharge of oils, grease, paints, gasoline, and other pollutants to storm water. Appropriate practices can include: Designating areas for equipment maintenance and repair; regular collection of wastes; conveniently located waste receptacles; and designating and controlling equipment washdown.
10. The contractor shall amend or modify this plan as required by construction means, methods, and sequence. Modifications shall not compromise the intent of the requirements of the law and this plan. Modifications shall not be basis for additional cost to the owner.
11. Areas of construction elsewhere on the jobsite shall conform to the detail shown on the plans.
12. Borrow areas, if excavated, shall be protected and stabilized utilizing the plan details. All work shall conform to governmental requirements and become part of the storm water pollution prevention plan (swp3). This work shall be done by the contractor at no additional expense to the owner.
13. All non-paved areas shall be mulched and seeded with erosion protection immediately upon completion of final grading. This includes all ditches and embankments. The contractor shall maintain final grading and keep seeded areas watered until fully established and accepted by owner.
14. The contractor shall construct a stabilized construction entrance/exit at designated traffic entrance/exit points prior to entering/exiting onto any paved roadway.
15. The contractor shall construct a silt fence at all locations shown on plans. The silt fence shall be constructed as detailed this sheet.
16. 75%-80% of all disturbed area to have a minimum 1" stand of grass prior to engineering acceptance/co.
17. Side and bottom of detention pond to have sod or anchored curlex installed prior to any paving or slab work.



BENCHMARK:
 Benchmark:
 CITY OF ROCKWALL CONTROL MONUMENT
 NO. R016, LOCATED ON AIRPORT
 ROAD AT THE CITY OF ROCKWALL
 SERVICE CENTER.
 ELEVATION = 558.72'

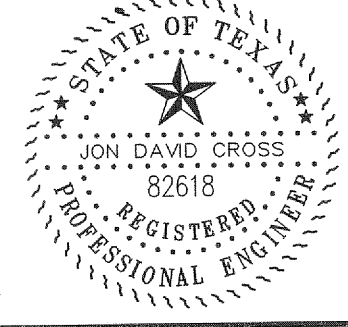
AS BUILT
 REVISED TO CONFORM TO
 CONSTRUCTION RECORDS
 JON DAVID CROSS, P.E.
 DATE: 12/11/2014

Private Utility Note:
 "ALL SANITARY SEWER WORK DESIGNATED AS 'PRIVATE' IN THIS SET OF PLANS SHALL BE INSTALLED IN ACCORDANCE WITH THE INTERNATIONAL PLUMBING CODE, PERMITTED AND INSPECTED BY THE CITY BUILDING INSPECTION DEPARTMENT AND INSTALLED BY A LICENSED PLUMBER."

Responsibility Note:
 "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."

Issue Dates:	Revisions:	Date:
1	1 Asbuilt	12-8-14
2	2	
3	3	
4	4	
5	5	
6	6	

CROSS ENGINEERING CONSULTANTS
 131 S. Tennessee St. McKinney, Texas 75069
 972.562.4409 Texas P.E. Firm No. F-5935
 Drawn By: C.E.C.I. Checked By: C.E.C.I. Scale: 1" = 20'



EROSION CONTROL PLAN
 ROCKWALL BUSINESS PARK - LOT 8
 EAST SUBDIVISION
 City of Rockwall, Texas

Sheet No. **C5** of **6**
 Project No. 13104

STOP! CALL BEFORE YOU DIG

 Know what's below.
 (@ least 72 hours prior to digging)

ROCKWALL BUSINESS PARK - LOT 8