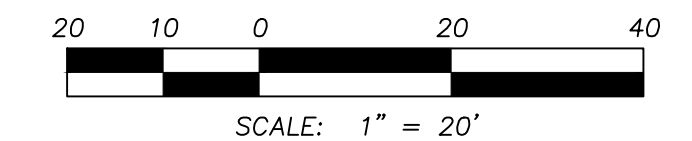
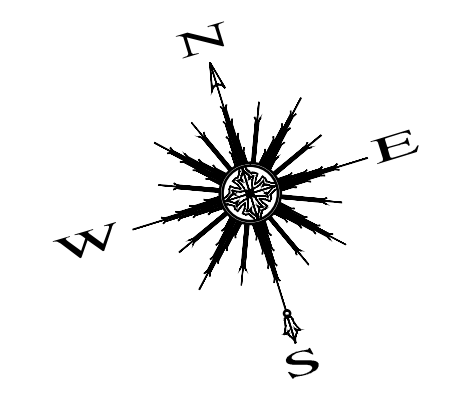


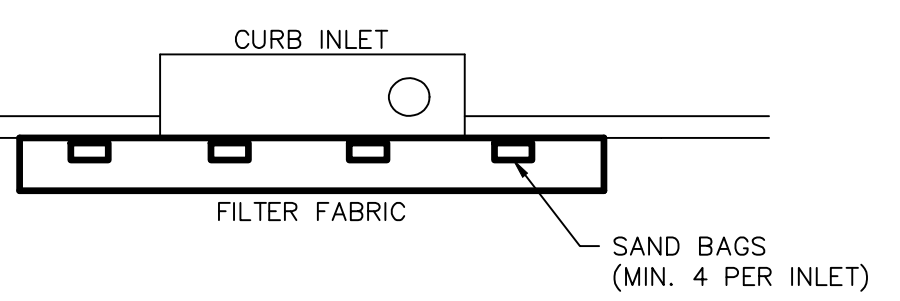
R=3074.27
L=447.07
Δ=08°19'56"
CH=446.67
CB=S77°19'14"E

R=1512.50
L=211.41
Δ=08°00'30"
CH=211.23
CB=N73°18'03"W

SITE AREA: 1.50 ACRES
AREA OF DISTURBANCE: 1.68 ACRES



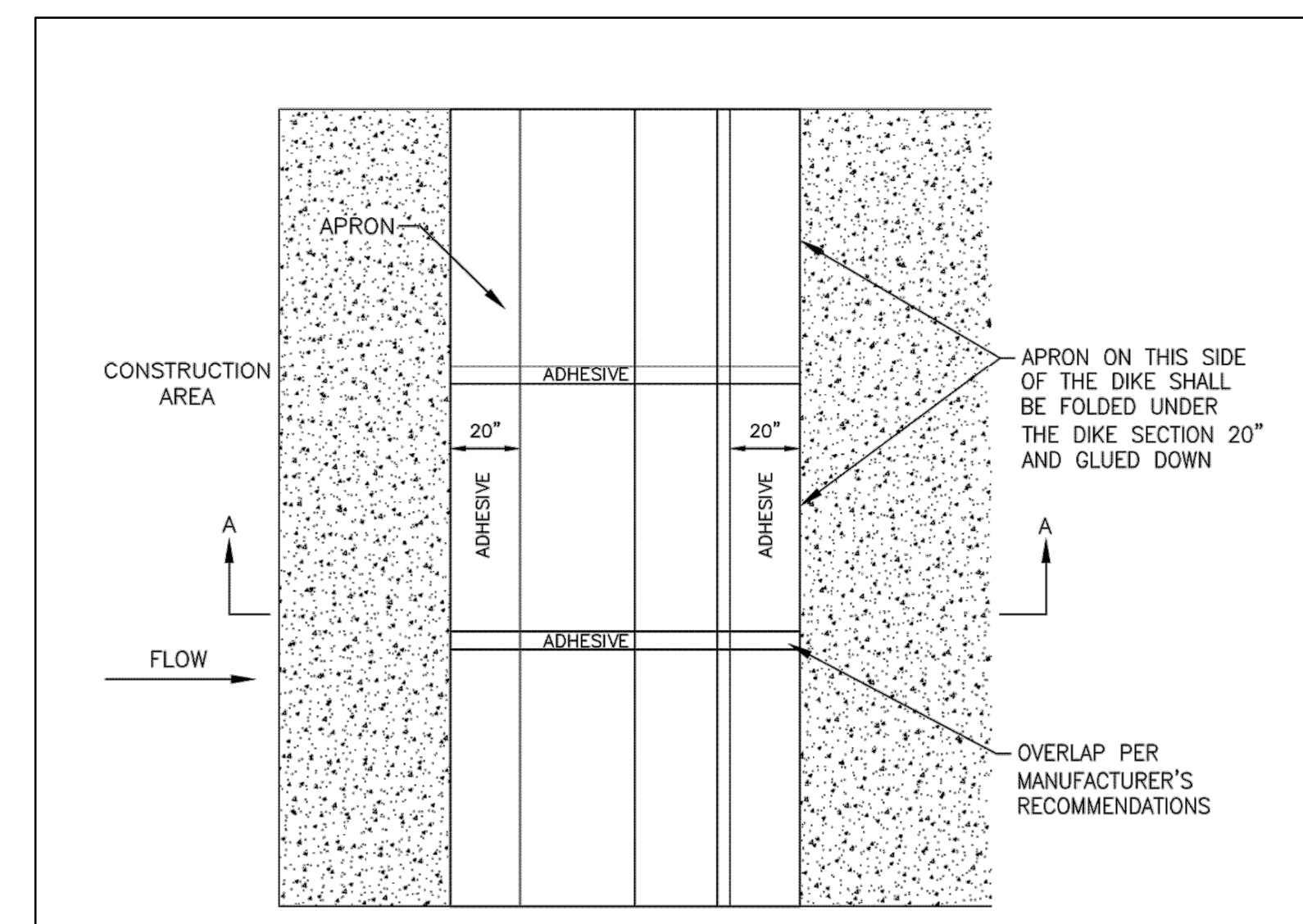
CAUTION EXISTING UTILITIES !!!
CALL TEXAS 811!!! EXISTING UTILITIES AND UNDERGROUND FACILITIES INDICATED ON THESE PLANS HAVE BEEN LOCATED FROM REFERENCE INFORMATION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY BOTH HORIZONTALLY AND VERTICALLY THE LOCATION OF ALL EXISTING UTILITIES AND UNDERGROUND FACILITIES PRIOR TO CONSTRUCTION, TO TAKE THE NECESSARY PRECAUTIONS IN ORDER TO PROTECT ALL FACILITIES ENCOUNTERED. THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION.



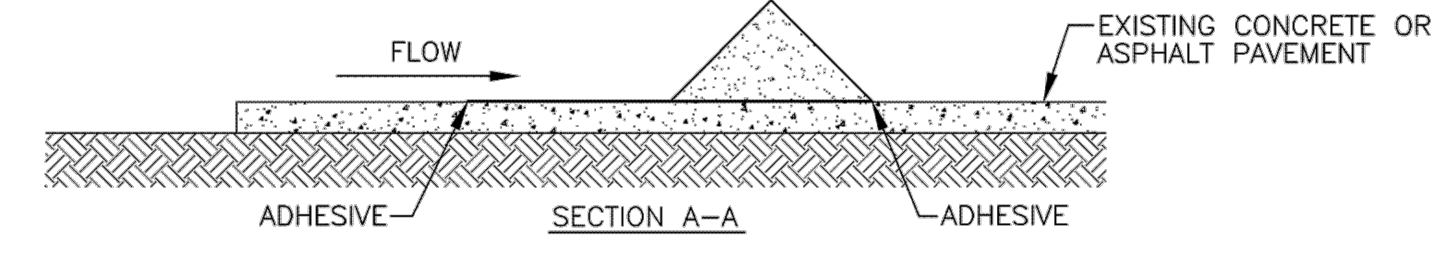
CURB INLET PROTECTION
NOT TO SCALE

LEGEND

- PROPERTY LINE
- - - - 471 - - - - EXISTING CONTOUR
- - - - 470 - - - - PROPOSED CONTOUR
- FLOW DIRECTION
- - - - SILT FENCE - - - - PROPOSED SILT FENCE



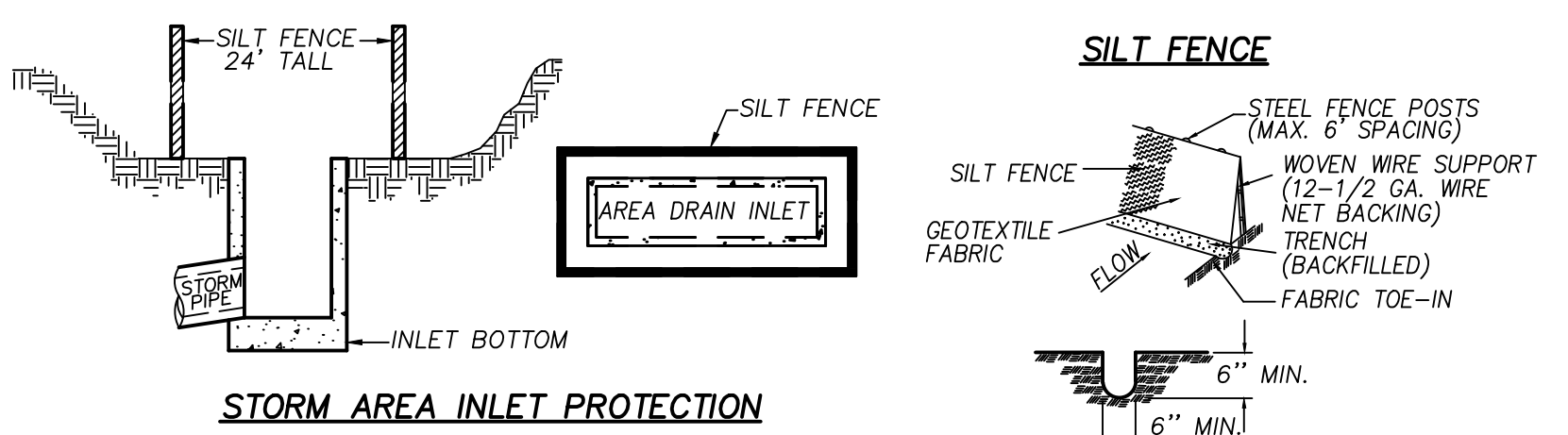
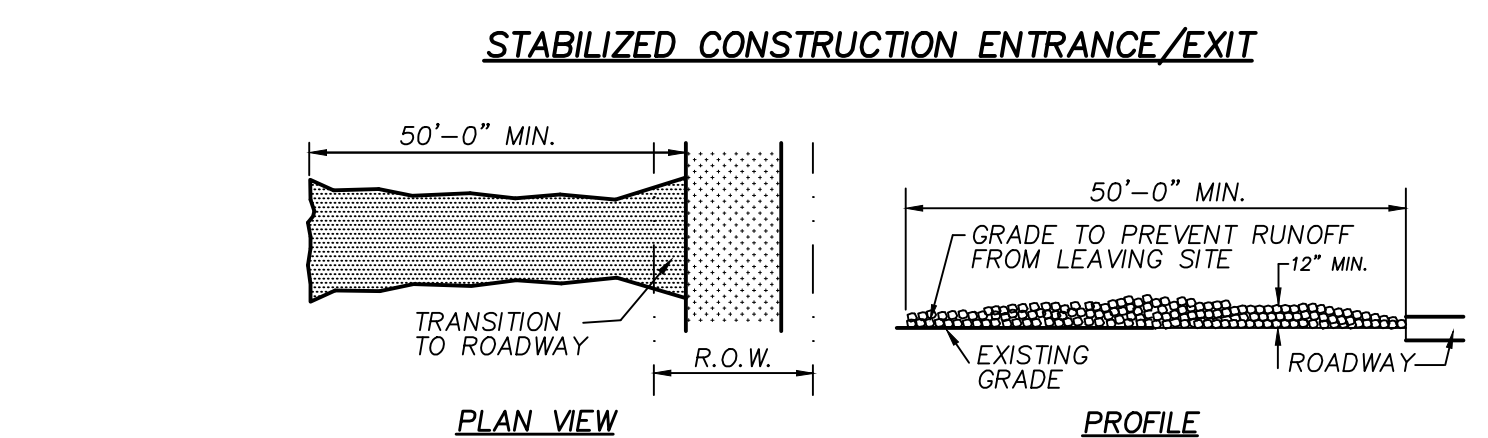
- NOTES:**
1. INSTALLED SILT DIKE UNIT SHALL HAVE CONTINUOUS AND FIRM CONTACT WITH PAVEMENT.
 2. ADHESIVES SHALL BE LIQUID NAIL OR APPROVED EQUAL FOR CONCRETE PAVEMENT APPLICATIONS AND EMULSIFIED ASPHALT FOR ASPHALT APPLICATIONS. ADHESIVE SHALL BE PLACED WHERE THE UNITS OVERLAP AND A 20" STRIP ALONG BOTH EDGES.



SILT DIKE (ON EXISTING PAVEMENT)
N.T.S.

Benchmark Note

"X" cut on curb lying on the South side of Summer Lee Drive approximately 766 feet East from the intersection of Summer Lee Drive and Ridge Road. At the Northwest PC of the curb line of Summer Lee Drive and Oak Drive. Elevation = 562.80



STORM AREA INLET PROTECTION
N.T.S.

SILT FENCE TRENCH CROSS-SECTION
N.T.S.

- SILT FENCE GENERAL NOTES:**
1. STEEL POSTS WHICH SUPPORT THE SILT FENCE SHALL BE INSTALLED ON A SLIGHT ANGLE TOWARD THE ANTICIPATED RUNOFF SOURCE. 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 CAN NOT BE TREATED IN (e.g. pavement) WEIGHT FABRIC FLAP WITH WASHED GRAVEL ON 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 SHOULD BE SECURELY FASTENED TO EACH STEEL SUPPORT POSTS OR TO WOVEN WIRE, WHICH IS IN TURN ATTACHED TO THE STEEL FENCE POST.
 5. INSPECTION SHALL BE MADE WEEKLY OR AFTER EACH RAINFALL EVENT AND 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 REACHES A DEPTH OF 6 INCHES. THE SILT SHALL BE DISPOSED OF IN AN APPROVED SITE AND IN SUCH A MANNER AS TO NOT CONTRIBUTE TO ADDITIONAL SILTATION.

- STABILIZED CONSTRUCTION ENTRANCE GENERAL NOTES:**
1. STONE SIZE- 4 TO 6 INCH OPEN GRADED ROCK (NO CRUSHED CONCRETE ALLOWED).
 2. LENGTH- AS EFFECTIVE, BUT NOT LESS THAN 50 FEET.
 3. THICKNESS- NOT LESS THAN 12 INCHES.
 4. WIDTH- NOT LESS THAN FULL WIDTH OF ALL POINTS OF INGRESS OR EGRESS.
 5. WASHING- WHEN NECESSARY, WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC ROADWAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE WHICH DRAINS INTO AN APPROVED STRAP OR SEDIMENT BASIN. ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING ANY STORM DRAIN, DITCH, OR WATERCOURSE USING APPROVED METHODS.
 6. MAINTENANCE- THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC ROADWAYS. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND, AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC ROADWAY MUST BE REMOVED IMMEDIATELY.
 7. DRAINAGE- ENTRANCE MUST BE PROPERLY GRADED OR INCORPORATE A DRAINAGE SWALE TO PREVENT RUNOFF FROM LEAVING THE CONSTRUCTION SITE.
 8. OWNER TO PROVIDE N.O.I. FOR STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITIES AND PROVIDE A COPY TO THE CITY OF ROCKWALL.

Revision	Date	Description

Owner: **LOWDENT, LLC.**
17393 Adams Trail • Forney, TX 75126 • (214) 869-7181

LOWRANCE / YOUNG MEDICAL OFFICE BUILDINGS
Rockwall, Texas

HALL AND LEE LAND COMPANY, LLC.
217 Rush Creek • Heath, TX 75032 • (972) 816-2904

~ Civil Engineer ~
F.C. CUNY CORPORATION
#2 Horizon Court • Heath, Texas 75032 • (469) 402-7700
Texas Registered Engineering Firm F-7449

7/28/2016

Drawn By: F.C. CUNY
Checked By: F.C. CUNY

Date: 04/15
Project No.: -
Sheet Title: **Erosion Control Plan**

Scale: 1"=20'
Sheet No.: 3 of 9