CAUTION EXISTING UTILITIES !!!

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.

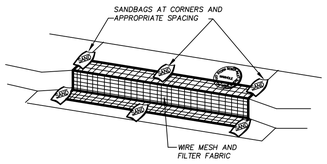
BENCHMARK:

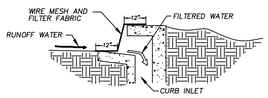
CITY OF ROCKWALL MONUMENT. N.W. CORNER OF INLET ON LAKEVIEW TRAIL AT SUMMER LEE.

N 7013358.3381
E 2588850.5919
ELEV. 469.06

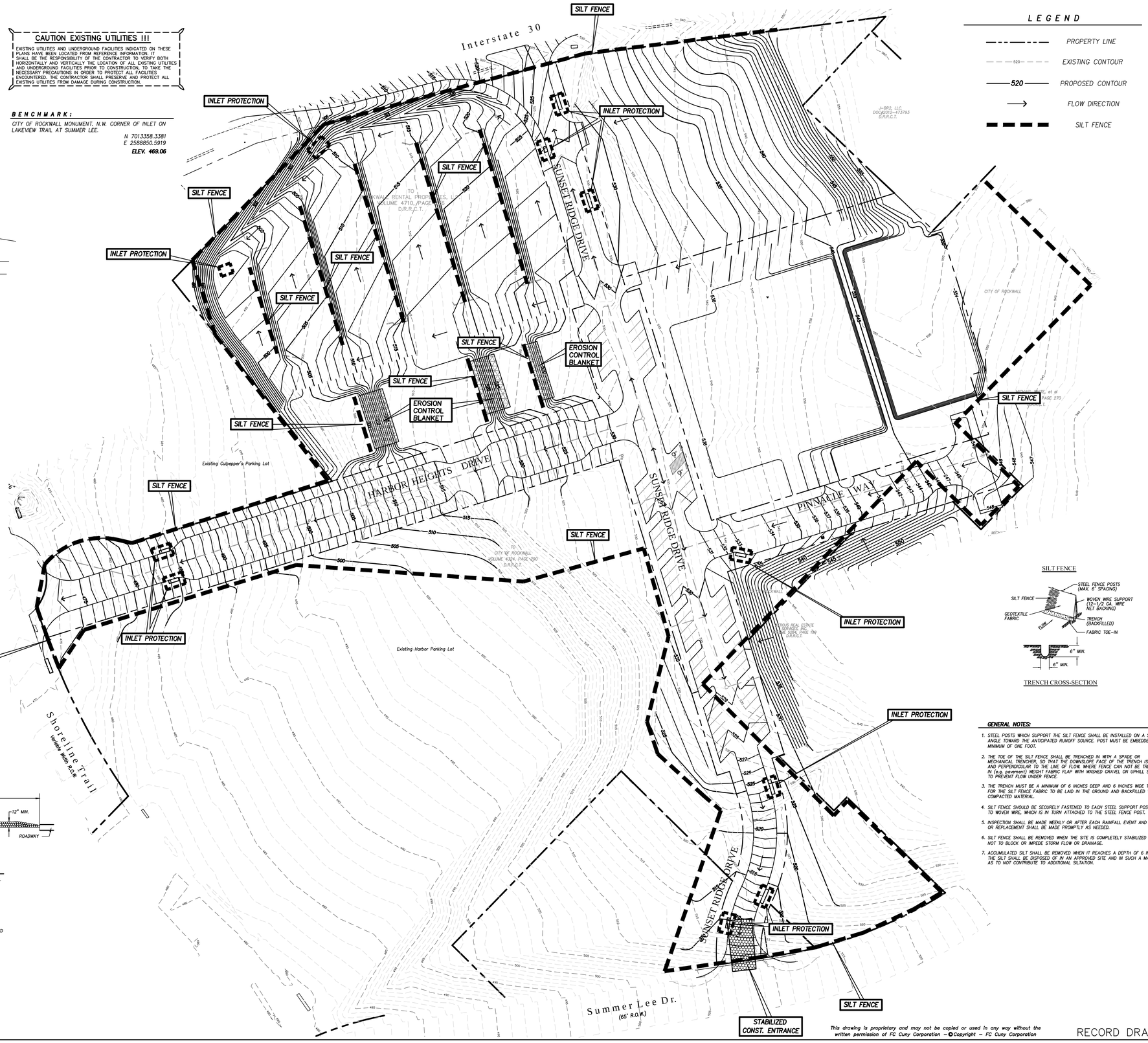
N
W E
S

50 25 0 50 100
1" = 50'





SEDIMENT BARRIER AT INLETS OR APPROVED EQUAL
N.T.S.



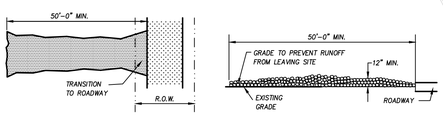
LEGEND

- PROPERTY LINE
- 520 EXISTING CONTOUR
- 520 PROPOSED CONTOUR
- FLOW DIRECTION
- SILT FENCE

GENERAL NOTES:

1. ALL FILL TO BE COMPACTED TO 95% STANDARD DENSITY (MIN.) AND WITH SHEEPS FOOT ROLLER.
2. REFER TO GEOTECH REPORT PREPARED BY ALLIANCE GEOTECHNICAL GROUP (2-24-2011) FOR COMPACTION AND PAD PREPARATION SPECIFICATIONS.
3. REFER TO PAVING PLANS FOR TYPICAL PAVING CROSS SECTIONS.

STABILIZED CONSTRUCTION ENTRANCE/EXIT



STABILIZED CONSTRUCTION ENTRANCE GENERAL NOTES:

1. STONE SIZE- 3 TO 5 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.
9. BOTH PONDS SHALL BE COMPLETE (SOD OR SEEDED CURLEX ANCHORED ON ALL SIDES AND BOTTOM WITH OUTFALL STRUCTURES COMPLETE AND SILT FENCE INSTALLED) PRIOR TO ANY PAVING.

SILT FENCE

TRENCH CROSS-SECTION

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.

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RECORD DRAWING

Revision	Date	Description

Owner:
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Harbor District Infrastructure
Rockwell, Texas

~ Civil Engineer ~
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THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY CHRISTOPHER R. CUNY, P.E. 65642

STATE OF TEXAS
CHRISTOPHER R. CUNY
65642
REGISTERED PROFESSIONAL ENGINEER
9-30-2019

Drawn By:	Checked By:
F.C. CUNY	F.C. CUNY
Date: 08/11	Project No.: –

Sheet Title:
Erosion Control Plan

Scale:	Sheet No.:
1"=50'	6 of 21