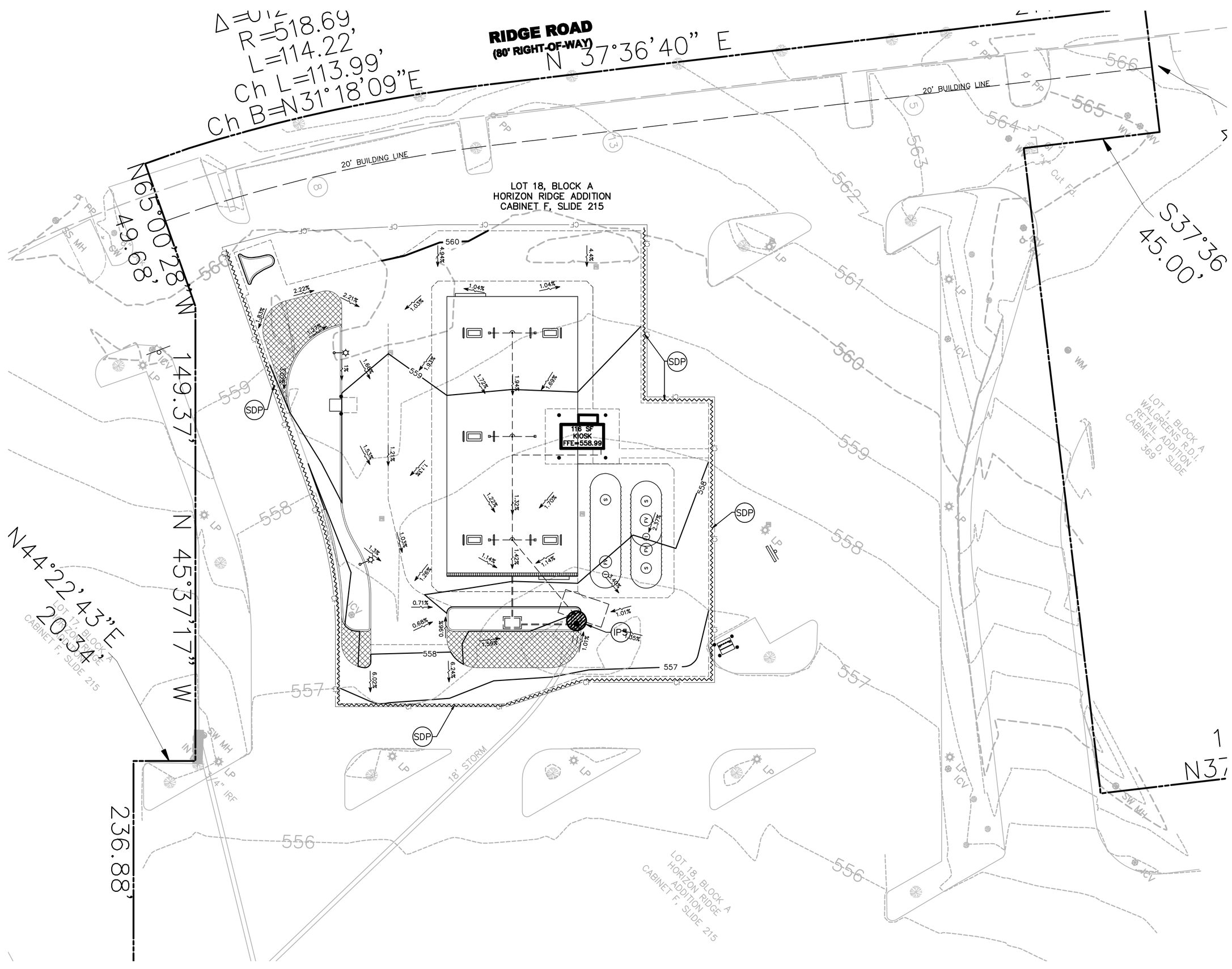


LEGEND

EXISTING

	BOUNDARY LINE	IRS	Iron Rod Set
	RIGHT OF WAY LINE	SS	Sanitary Sewer
	STORM DRAIN	SW	Storm Sewer
X"G	GAS	△	Control Monument
OHE	OVERHEAD ELECTRIC	GV	Gas Valve
OHE&T	OVERHEAD ELECTRIC AND TELEPHONE	GM	Gas Meter
OHT	OVERHEAD TELEPHONE	WM	Water Meter
OHTV	OVERHEAD TV	FH	Fire Hydrant
X"S	SEWER	LP	LIGHT POLE & PULL BOX
UGE	UNDERGROUND ELECTRIC	IV	Irrigation Valve
UGE&T	UNDERGROUND ELECTRIC AND TELEPHONE	CO	Clean Out
UGT	UNDERGROUND TELEPHONE	AC	Air Conditioner
UGTV	UNDERGROUND TV	TV	Cable Box
X"W	WATER	SB	Signal Box
e	EAST OR ELECTRIC	SP	Signal Pole
n	NORTH	EB	Electric Box
oh	OVERHEAD	PP	Power Pole
s	SOUTH OR SEWER	GW	Guy Wire
t	TELEPHONE	MH	Manhole
ug	UNDERGROUND	WV	Water Valve
w	WEST OR WATER	TP	Telephone Pedestal
		SN	Sign
		IRF	Iron Rod Found

PROPOSED

- BOUNDARY LINE
- CONSTRUCTION FENCE
- LIMITS OF CONSTRUCTION
- XXX CONTOUR ELEVATIONS
- GRADE BREAK LINE
- X.X% FLOW

EROSION DETAILS

- SDP SILT DIKE (ON EXISTING PAVEMENT)
- IP5 GRAVEL CURB INLET SEDIMENT FILTER

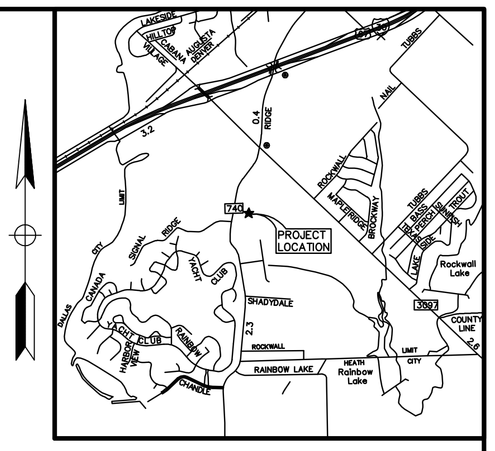
MAINTENANCE

ALL MEASURES STATED ON THIS EROSION AND SEDIMENT CONTROL PLAN, AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL FINAL STABILIZATION OF THE SITE. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A RAINFALL EVENT, AND SHOULD BE CLEANED AND REPAIRED IN ACCORDANCE WITH THE FOLLOWING:

1. ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED AND RESEEDED AS NEEDED.
2. SILT DIKE PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING, OR SHALL BE REPLACED IF THEY SHOW SIGNS OF DETERIORATION.
3. THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AS CONDITIONS DEMAND.

SEQUENCE OF CONSTRUCTION:

1. PREPARE TEMPORARY PARKING AND STORAGE AREA.
2. BEGIN GRADING THE SITE.
3. START CONSTRUCTION OF BUILDING PAD AND STRUCTURES.
4. INSTALL TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES.
5. PREPARE SITE FOR PAVING.
6. PAVE SITE.
7. COMPLETE GRADING AND INSTALL PERMANENT SEEDING AND PLANTING.
8. REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES (ONLY IF SITE IS STABILIZED).



Vicinity Map

Not to Scale

CALL BEFORE YOU DIG
1-800-245-4545
TEXAS ONE CALL SYSTEM

TEXAS EXCAVATION
SAFETY SERVICES
1-800-344-8377

0 20' 30' 40'
SCALE IN FEET

NOTE:
SEE ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF RAMPS, SLOPED PAVING, BUILDING UTILITY ENTRANCE LOCATIONS AND PRECISE BUILDING DIMENSIONS.

BENCHMARK INFORMATION:
BM #1 – AN "X" CUT FOUND ELEVATION = 563.79
BM #2 – A PK NAIL FOUND ELEVATION = 558.80

FLOOD NOTE:

According to the Federal Emergency Management Agency, Flood Insurance Rate Map Community Panel No. 48113C 0360 K, dated February 5, 2003, and 48113C 0370 J, dated August 23, 2001, this property is within Flood Zone X.

Zone X – Areas determined to be outside the 500-year floodplain.

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.

LIMITS OF DISTURBANCE	
22,482 SF	0.52 ACRE

GENERAL EROSION NOTES

A. ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH STORM WATER POLLUTION PREVENTION SHALL OBTAIN A COPY OF THE STORM WATER POLLUTION PREVENTION PLAN AND THE STATE OF _____TEXAS_____ NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM GENERAL PERMIT (NPDES PERMIT) AND BECOME FAMILIAR WITH THEIR CONTENTS.

B. THE TEMPORARY PARKING AND STORAGE AREA SHALL ALSO BE USED AS THE EQUIPMENT MAINTENANCE AREA, EQUIPMENT CLEANING AREA, EMPLOYEE BREAK AREA, AND AREA FOR LOCATING PORTABLE FACILITIES, OFFICE TRAILERS AND TOILET FACILITIES. THE EXACT LOCATIONS SHALL BE COORDINATED WITH THE OWNER'S CONSTRUCTION MANAGER.

C. ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING, EQUIPMENT CLEANING, ETC.) SHALL BE DISPOSED OF IN A MANNER THAT PREVENTS CONTACT BETWEEN THESE MATERIALS AND STORM WATER THAT IS DISCHARGED FROM THE SITE.

D. MAINTAIN ON THE SITE OR HAVE READILY AVAILABLE SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS TO CONTAIN AND CLEAN UP FUEL OR CHEMICAL SPILLS AND LEAKS.

E. DUST ON THE SITE SHALL BE CONTROLLED BY SPRAYING WATER ON DRY AREAS OF THE SITE. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.

F. NO RUBBISH, TRASH, GARBAGE OR OTHER SUCH MATERIALS SHALL BE DISCHARGED INTO DRAINAGE DITCHES OR WATERS OF THE STATE.

G. ALL STORM WATER POLLUTION PREVENTION MEASURES PRESENTED ON THIS PLAN, AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE INITIATED AS SOON AS PRACTICABLE.

H. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY WILL STOPPED FOR AT LEAST 21 DAYS, SHALL BE TEMPORARILY SEEDED WITHIN 14 DAYS.

I. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY STOPPED SHALL BE PERMANENTLY SEEDED. THESE AREAS SHALL BE SEEDED NO LATER THAN 14 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY OCCURRING IN THESE AREAS. REFER TO THE LANDSCAPE PLAN.

J. IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCES IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES ENTER A PUBLIC ROAD. IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE. THE EXACT LOCATIONS SHALL BE COORDINATED WITH THE OWNERS CONSTRUCTION MANAGER.

K. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.

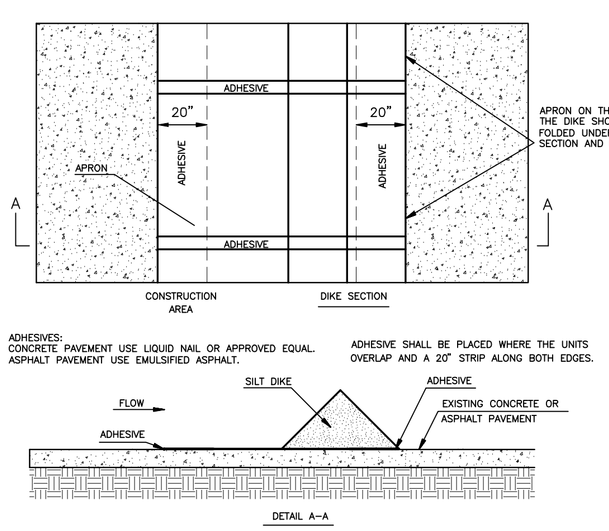
L. IF SOIL STOCKPILING IS EMPLOYED ON THE SITE, SILT FENCES SHALL BE USED TO HELP CONTAIN THE SEDIMENT.

M. SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.

N. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE DISPOSED OF WITHIN 30 DAYS AFTER FINAL STABILIZATION. FINAL STABILIZATION HAS OCCURRED WHEN ALL SOIL DISTURBING ACTIVITIES ARE COMPLETED AND A UNIFORM PERENNIAL VEGETATIVE COVER WITH A DENSITY OF 70% OF THE COVER FOR UNPAVED AREAS AND AREAS NOT COVERED BY PERMANENT STRUCTURES HAS BEEN EMPLOYED.

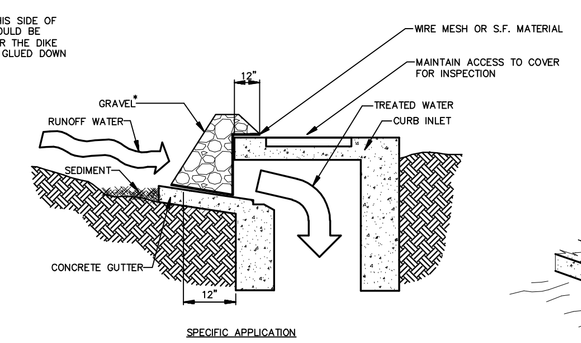
O. DUE TO THE GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION CONTROL MEASURES (SILT DIKE, ETC.) TO HELP PREVENT EROSION

P. ALL OFF-SITE CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH WORKING DAY, THIS INCLUDES BACKFILLING OF TRENCHES FOR STORM DRAINS & UTILITY CONSTRUCTION AND PLACEMENT OF GRAVEL OR BITUMINOUS PAVING



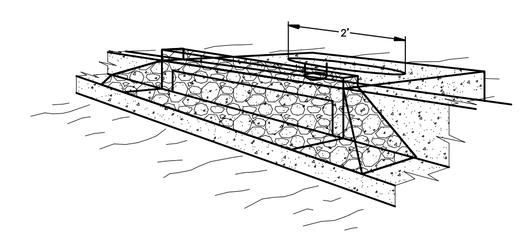
SILT DIKE (ON EXISTING PAVEMENT) SDP

N.T.S.



GRAVEL CURB INLET SEDIMENT FILTER IP5

N.T.S.



AS-BUILT

INITIAL DESIGN	11/28/11	LWY	CWO	TJA	TJA
	DATE	PRN	PM	DES	DRW

KROGER SW-575
FUEL CENTER

STATE OF TEXAS
LEONG-WEE YEE
93589
LICENSED
PROFESSIONAL ENGINEER
11/14/12

F-7524

CEI Engineering Associates, Inc.
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Dallas, TX 75234
(972)488-3737
(972)488-6732

EROSION CONTROL PLAN
2935 RIDGE ROAD
ROCKWALL, TEXAS

DATE 12/1/11 10:07 AM AS-BUILT

SHEET NO. C7 OF 11

25045PROJ

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