AREA SUMMARY (IN ACRES)	
TOTAL PROJECT AREA	33.175
ON-SITE DISTURBED AREA	33.175
OFF-SITE DISTURBED AREA (LOT 8)	4.500
OFF-SITE DISTURBED AREA (TXDOT R.O.W.)	1.682
TOTAL DISTURBED AREA	39.357

N

GRAPHIC SCALE

0 40 80 160

(IN FEET)
1 INCH = 80 FT.

INTERSTATE HIGHWAY 30
(VARIABLE WIDTH R.O.W.)

LOT 1, BLOCK 1
TOYOTA OF ROCKWALL
CABINET G, SLIDE 153-155,
P.R.R.C.T.

N32°44'27"E

S42°33'15"E

372.41'

SILT FENCE

STABILIZED CONSTRUCTION ENTRANCE

INLET PROTECTION (TYP)

EXISTING 100 YR FLOOD PLAIN

DETENTION AREA

24" LAYER RIP-RAP
12" MIN. DIA. ROCK WITH
GEOTEXTILE FABRIC

10' WIDE DETENTION BASIN ACCESS DRIVE (12% MAX. SLOPE)

TEMPORARY DEWATERING SYSTEM TO REMAIN IN PLACE UNTIL SITE IS STABILIZED. PERMANENT OUTLET STRUCTURES TO BE BUILT WHEN TEMPORARY DEWATERING SYSTEM IS REMOVED.

CONCRETE WASH AREA

STABILIZED CONSTRUCTION ENTRANCE

20 L.F. 24" HDPE PIPE

HIGHWAY 205
(140' R.O.W.)

1338
HIGHWAY 276
(120' R.O.W.)

HIGHW
(120' R

THE CAN
VO

VICINITY MAP

N.T.S.

SITE

GENERAL EROSION NOTES

A. BEST MANAGEMENT PRACTICES (BMP'S) AND CONTROLS SHALL CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS OR MANUAL OF PRACTICE, AS APPLICABLE CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY PERMITTING AGENCY OR OWNER.

B. 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.

C. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS STOPPED FOR AT LEAST 21 DAYS, SHALL BE TEMPORARILY SEEDED. THESE AREAS SHALL BE SEEDED NO LATER THAN 14 DAYS FROM THE LAST CONSTRUCTION ACTIVITY OCCURRING IN THESE AREAS.

D. 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 GRADING PLAN AND/OR LANDSCAPE PLAN.

E. 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.

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

G. CONTRACTORS OR SUBCONTRACTORS WILL BE RESPONSIBLE FOR REMOVING SEDIMENT IN THE DETENTION POND AND ANY SEDIMENT THAT MAY HAVE COLLECTED IN THE STORM SEWER DRAINAGE SYSTEMS IN CONJUNCTION WITH THE STABILIZATION OF THE SITE.

H. ON-SITE & OFFSITE SOIL STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BEST MANAGEMENT PRACTICES. STOCKPILE AND BORROW AREA LOCATIONS SHALL BE NOTED ON THE SITE MAP AND PERMITTED IN ACCORDANCE WITH GENERAL PERMIT REQUIREMENTS.

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

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

K. ALL CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH WORKING DAY, THIS INCLUDES BACKFILLING OF TRENCHES FOR UTILITY CONSTRUCTION AND PLACEMENT OF GRAVEL OR BITUMINOUS PAVING FOR ROAD CONSTRUCTION.

MAINTENANCE

ALL MEASURES STATED ON THIS EROSION AND SEDIMENT CONTROL PLAN, AND IN THE STORM WATER POLLUTION PREVENTION PLANATION, SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON IN ACCORDANCE WITH THE CONTRACT DOCUMENTS OR THE APPLICABLE PERMIT, WHICHEVER IS MORE STRINGENT, AND REPAIRED IN ACCORDANCE WITH THE FOLLOWING:

1. INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING, OR DETERIORATION.

2. ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED, AND RESEEDED AS NEEDED.

3. SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES ONE-HALF THE HEIGHT OF THE SILT FENCE.

4. THE CONSTRUCTION ENTRANCES SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION ENTRANCES AS CONDITIONS DEMAND.

5. 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.

6. OUTLET STRUCTURES IN THE SEDIMENTATION BASINS SHALL BE MAINTAINED IN OPERATIONAL CONDITIONS AT ALL TIMES. SEDIMENT SHALL BE REMOVED FROM SEDIMENT BASINS OR TRAPS WHEN THE DESIGN CAPACITY HAS BEEN REDUCED BY 50 %.

LEGEND

- SILT FENCE
- EXISTING 1' CONTOURS
- EXISTING 5' CONTOURS
- PROPOSED 5' CONTOURS
- PROPOSED 1' CONTOURS
- PROPOSED STORM DRAIN PIPE
- SITE BOUNDARY
- STABILIZED CONSTRUCTION ENTRANCE
- DIRECTIONAL FLOW ARROW
- INLET PROTECTION
- 8" TO 12" SIZE ROCK RIP-RAP PAD
- CD ROCK CHECK DAM
- DD TEMPORARY DIVERSION CHANNEL – 2' DEEP
- DS DEWATERING SYSTEM / STRUCTURE
- PS PERMANENT SEEDING
- TS TEMPORARY SEEDING

PROJECT PHASING TABLE

-TO BE FILLED OUT BY CONTRACTOR-

PHASE	DESCRIPTION	LOCATION	START DATE	END DATE

Revision _____ Date _____

RECORD DRAWING

TO THE BEST OF OUR KNOWLEDGE CPH ENGINEERS, INC., HEREBY STATES THAT THIS PLAN IS A REPRESENTATION OF THE AS-BUILT CONDITIONS OF THE SUBJECT PROJECT. THE INFORMATION PRESENTED IS BASED ON INFORMATION PROVIDED BY THE CONTRACTOR ALONG WITH DATA PROVIDED BY THE PROJECT LAND SURVEYOR.

STATE OF TEXAS
WILLIAM A. STUEBER
90436
LICENSED
PROFESSIONAL ENGINEER

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY WILLIAM A. STUEBER, P.E. 90436 ON 05/04/2009 . ALTERATION OF A SEALED DOCUMENT TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

NOTICE
THE SIZE OF THIS PLAN MAY HAVE BEEN SLIGHTLY ALTERED BY REPRODUCTION PROCESSES. THIS MUST BE CONSIDERED WHEN SCALING ANY REPRODUCED PLAN FOR THE PURPOSE OF COLLECTING DATA.

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Engineers
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Architects
Planners
Landscape Architects
Environmental Scientists
Construction Management
Design/Build

No.	Date	Revision	By
1	05/04/09	PER AS-BUILTS	WAS
2	01/09/09	NO CHANGES THIS SHEET	WAS
3	11/06/08	NO CHANGES THIS SHEET	WAS
4	09/23/08	NO CHANGES TO THIS SHEET	WAS
5	08/04/08	PER CPH REVIEW	WAS
6	06/26/08	NO CHANGES TO THIS SHEET	WAS
7	06/03/08	NO CHANGES TO THIS SHEET	WAS
8	05/19/08	NO CHANGES TO THIS SHEET	WAS
9	03/07/08	NO CHANGES TO THIS SHEET	WAS
10	12/05/07	PER CITY COMMENTS 11/28/07	WAS
11	10/31/07	PER CITY COMMENTS 10/22/07	WAS

No.	Date	Revision	By
1	03/05/09	NO CHANGES THIS SHEET	WAS
2	11/21/08	NO CHANGES THIS SHEET	WAS
3	10/03/08	NO CHANGES THIS SHEET	WAS
4	09/08/08	NO CHANGES TO THIS SHEET	WAS
5	06/30/08	NO CHANGES TO THIS SHEET	WAS
6	06/10/08	NO CHANGES TO THIS SHEET	WAS
7	05/23/08	NO CHANGES TO THIS SHEET	WAS
8	05/06/08	PER COSTCO PLANS	WAS
9	01/29/08	PER CITY COMMENTS 12/06/07	WAS
10	11/15/07	PER CITY COMMENTS 11/05/07	WAS
11	10/19/07	PER CLIENTS NEW SITE LAYOUT	WAS

Designed by:	HMH
Drawn by:	H.H.
Checked by:	WAS
Approved by:	WAS
Scale:	1" = 80'
Date:	10/19/2007
Job No.:	S13217
File:	ECP

EROSION CONTROL / SWPPP PLAN

ROCKWALL CENTRE CORNERS

INTERSTATE HIGHWAY 30 AND S.H. 205
CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS

Sheet No.
C-5

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