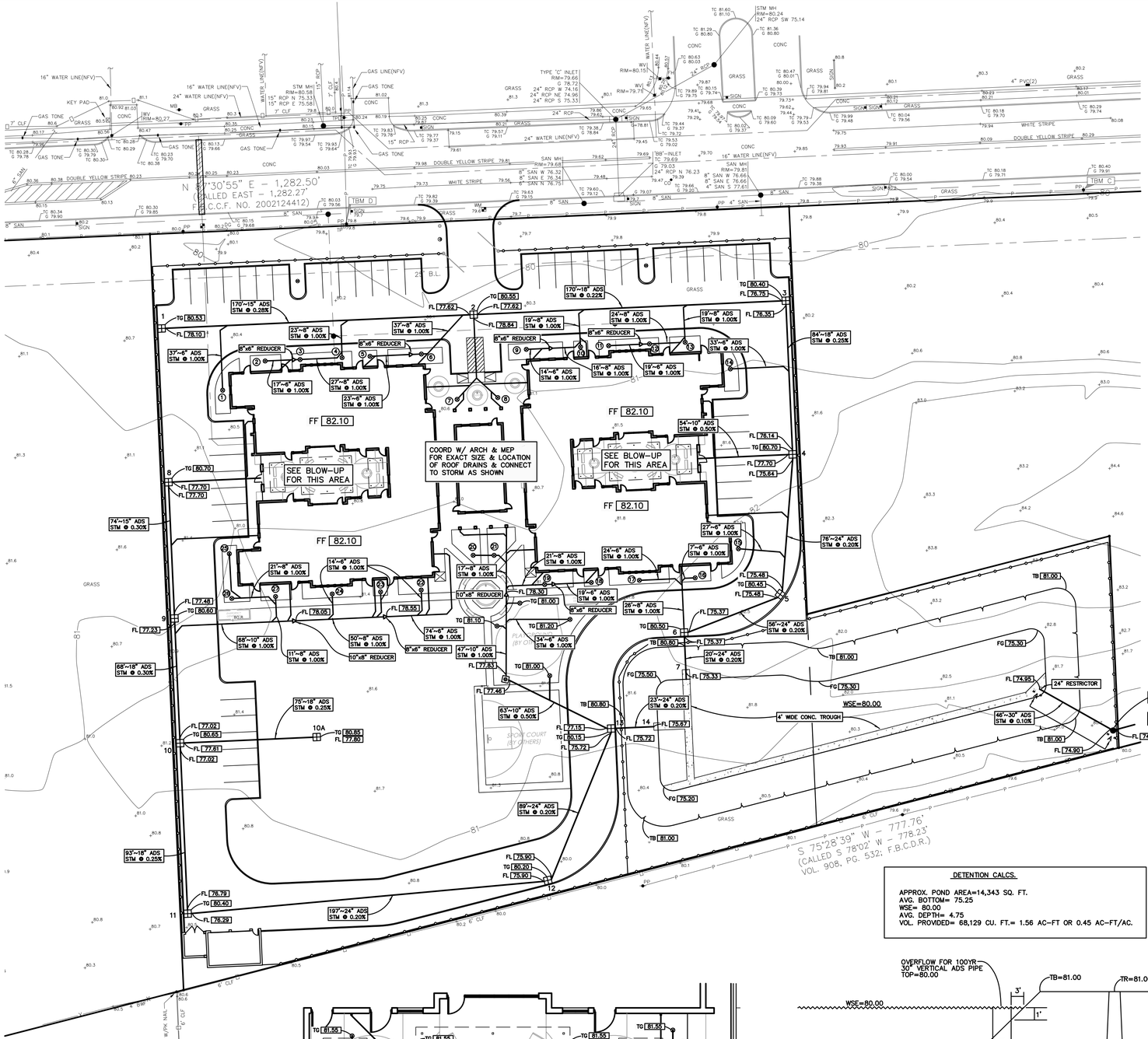


6" CIRCULAR GRATE INLETS

1	TG=81.40 FL=78.90	15	TG=81.40 FL=78.90
2	TG=81.40 FL=78.90	16	TG=81.40 FL=78.90
3	TG=81.40 FL=78.71	17	TG=81.40 FL=78.90
4	TG=81.40 FL=78.44	18	TG=81.40 FL=78.90
5	TG=81.40 FL=78.90	19	TG=81.40 FL=78.64
6	TG=81.40 FL=78.67	20	TG=81.40 FL=78.90
7	TG=81.85 FL=79.35	21	TG=81.40 FL=78.78
8	TG=81.85 FL=79.35	22	TG=81.40 FL=78.90
9	TG=81.40 FL=78.90	23	TG=81.40 FL=78.90
10	TG=81.40 FL=78.60	24	TG=81.40 FL=78.90
11	TG=81.40 FL=78.90	25	TG=81.40 FL=78.90
12	TG=81.40 FL=78.67	26	TG=81.40 FL=78.63
13	TG=81.40 FL=78.47	27	TG=81.40 FL=78.39
14	TG=81.40 FL=78.90		

NOTE:
CONTRACTOR TO FIELD VERIFY ALL CRITICAL EXISTING ELEV'S, LOCATION AND FLOW LINES OF EXISTING STORM SEWER, DRAINAGE FACILITIES, WATER AND SANITARY SEWER BEFORE COMMENCING ANY CONSTRUCTION.

NOTE:
COORDINATE WITH ARCHITECT FOR ALL DEMOLITION.

OWNER TO OBTAIN ALL PERMITS REQUIRED BY CITY OF SUGAR LAND, AND ALL GOVERNMENTAL AUTHORITIES WITH JURISDICTION, PRIOR TO STARTING CONSTRUCTION OF UTILITY AND/OR DRIVEWAYS WITHIN PUBLIC RIGHTS OF WAY.

NOTE:
CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH CIVIL DRAINAGE PLAN AND ASSURE POSITIVE DRAINAGE FROM THE BUILDING OVER THE SIDEWALK AND TO THE PARKING LOT. ANY PROBLEMS ENCOUNTERED DURING CONSTRUCTION SHALL BE COORDINATED WITH THE CIVIL ENGINEER BEFORE FINAL CONSTRUCTION. IF LANDSCAPING BEDS ARE USED ADJACENT TO THE BUILDING CONTRACTOR SHALL ASSURE THAT DRAINAGE IS NOT BLOCKED. REFER TO LANDSCAPE FRENCH DRAIN DETAIL IF NEEDED.

NOTE:
CONTRACTOR SHALL COORDINATE WITH OWNER, GEOTECHNICAL ENGINEER AND STRUCTURAL ENGINEER FOR SELECT FILL REQUIREMENTS AND PROCEDURES UNDER BUILDING SLABS. SEE SOILS REPORT FOR ALL REQUIRED DESIGN CRITERIA. CONTRACTOR SHALL NOT PROCEED WITH CONSTRUCTION UNTIL THE REQUIRED SELECT FILL PROCEDURE UNDER BUILDING SLABS HAS BEEN APPROVED.

NOTE:
CONTRACTOR SHALL ALSO COORDINATE WITH SOILS REPORT FOR ALL REQUIRED FILL, COMPACTING AND LIME STABILIZATION UNDER PROPOSED PAVING SECTIONS.

NOTE:
CLEAN-OUTS, MANHOLES, INLETS AND/OR JUNCTION BOXES LOCATED IN PAVEMENT OR SIDEWALK SHALL HAVE TRAFFIC BEARING LIDS OR GRATES.

CONTRACTOR TO COORD W/ ARCHITECTURAL AND MEP PLANS (PLUMBING PLANS) FOR THE EXACT LOCATION AND CONTINUATION OF STORM SEWER TO BUILDING. (TYP)

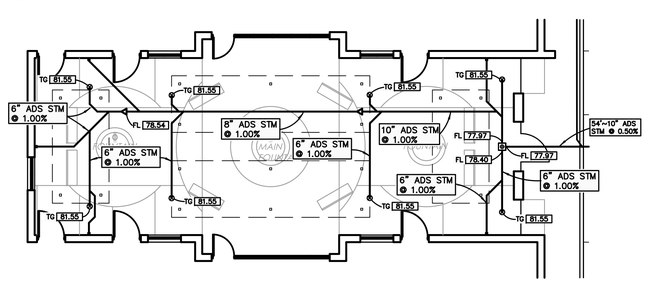
NOTE:
REFER TO SHEET C-7"NOTES AND DETAILS", NOTES #1 & 2 FOR SPECIFICATION OF STORM SEWER PIPE MATERIAL.

LEGEND

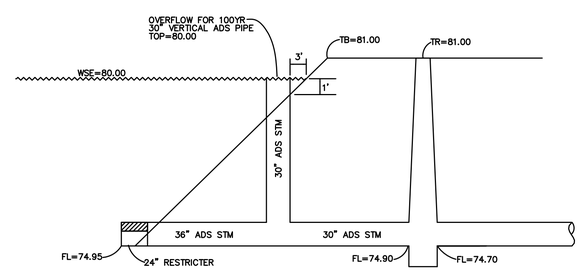
105.5	EXISTING ELEV.
TG 108.10	TOP OF GRATE ELEV.
104.80	TOP OF PAVEMENT
FL 104.80	FLOW LINE ELEV.
JB 108.10	TOP OF JUNCTION BOX ELEV.
FF 110.00	FINISHED FLOOR
⊞	SQUARE GRATE INLET
⊕	6" CIRCULAR GRATE INLET
⊞	JUNCTION BOX

DETENTION CALCS.

APPROX. POND AREA=14,343 SQ. FT.
AVG. BOTTOM= 75.25
WSE= 80.00
AVG. DEPTH= 4.75
VOL. PROVIDED= 68,129 CU. FT.= 1.56 AC-FT OR 0.45 AC-FT/AC.



BLOW-UP
SCALE: 1"=10'



SECTION "A"-"A"
NTS

C-2 STORM SEWER LAYOUT

Scale 1" = 30' JOB NO: 130-2

SEE SHT C-0 FOR TOPOGRAPHIC SURVEY
SEE SHT C-1 FOR GRADING & DRAINAGE
SEE SHT C-2 FOR STORM SEWER LAYOUT
SEE SHT C-3 FOR DRAINAGE AREA MAP
SEE SHT C-4 FOR SANITARY & WATER LAYOUT
SEE SHT C-5 FOR PAVING JOINT LAYOUT
SEE SHT C-6 FOR SWPPP & DETAILS
SEE SHT C-7 FOR NOTES & DETAILS
SEE SHT C-8 FOR P&P OVERALL
SEE SHT C-9 FOR PUBLIC STORM P&P
SEE SHT SL-01 FOR GENERAL CONSTRUCTION NOTES I
SEE SHT SL-02 FOR GENERAL CONSTRUCTION NOTES II
SEE SHT SL-03 FOR STORM SEWER MANHOLE DETAILS
SEE SHT SL-04 FOR STORM SEWER MANHOLE DETAILS
SEE SHT SL-05 FOR STORM SEWER CONSTRUCTION NOTES
SEE SHT SL-20 FOR STORM SEWER PIPE BEDDING & BACKFILL DETAILS

TEXAS ENGINEERING AND MAPPING
12810 CENTURY DRIVE
STAFFORD, TEXAS 77477
PHONE: (281) 491-2525 FAX: (281) 491-2535

TEXAS ENGINEERING & MAPPING CO.
REGISTRATION # F-2906
THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW UNDER THE AUTHORITY OF CARLOS J. BARILLAS, P.E. 50474 ON 03-28-13. IT IS NOT TO BE USED FOR CONSTRUCTION PURPOSES.

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FAX (713) 933-0512

#	Date	Description
1	12.10.12	SCHEMATIC DESIGN

Project No.1201.31

STORM SEWER LAYOUT

Sheet No.

C-2