FIRST BAPTIST CHURCH PARKING ADDITION

BOUNDARY AND TOPOGRAPHIC INFORMATION TAKEN FROM A SURVEY PREPARED BY ROCKWALL SURVEYING CO. (1984 S. FM 551 ROYSE CITY, TX 15189 (912)112-5434) DATED JANUARY 29, 2008. CONTRACTOR SHALL FIELD VERIFY ALL CONTROL DIMENSIONS, ELEVATIONS AND FLOW LINE ELEVATIONS PRIOR TO CONSTRUCTION AND REPORT DISCREPANCIES TO ARCHITECT.

CONTRACTOR SHALL PROVIDE EROSION PROTECTION PER BMP MANUAL "STORM WATER QUALITY BEST MANAGEMENT PRACTICES FOR CONSTRUCTION ACTIVITIES" AS PUBLISHED BY THE NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS. PROVIDE SILT FENCE AT DOWNHILL SIDE OF ALL EXCAVATIONS GREATER THAN TEN FEET WIDE AND AT NO GREATER THAN 100' APART AT LARGER, OR LONGER, EXCAVATIONS. ALL DISTURBED AREAS SHALL RECEIVE HYDRO-MULCH AFTER TOP SOIL HAS BEEN REPLACED. NO AREA CAN EXCEED 3:1 SLOPE. ALL RIGHT-OF-WAY THAT IS DISTURBED MUST BE SODDED.

ALL FILL MATERIAL MAY BE ON-SITE, OR SIMILAR, MATERIAL (REFER TO SOILS REPORT FOR TYPE).

UNDER PAVING, AT CUT SECTIONS, OR

EXISTING GROUND PRIOR TO FILLS, SCARIFY 6" AND RECOMPACT TO A MINIMUM OF 95 PERCENT OF MAX DRY DENSITY FROM ASTM D-698 AT MOISTURE CONTENT BETWEEN -1 AND +2 PERCENT ABOVE OPTIMUM.

FILLS SHALL BE PLACED IN LESS THAN EIGHT LOOSE INCH LIFTS AND COMPACTED AS NOTED ABOVE. REFER TO SPECIFICATIONS FOR COMPACTION AT OTHER LOCATIONS. CONTRACTOR IS RESPONSIBLE FOR SAFETY ON THE PROJECT AND SHALL PROVIDE CONSTRUCTION PER OSHA REQUIREMENTS, TITLE 29, (LATEST), AS WELL AS OTHER APPLICABLE BUILDING CODE REQUIREMENTS.

ALL REINFORCING SHALL CONFORM TO ASTM A-615, GRADE 60. ALL SIDEWALKS, RIP-RAP, ETC. SHALL BE CITY OF ROCKWALL STANDARDS.

28 DAY ULTIMATE COMPRESSIVE STRENGTH OF 3600 PSI (6 SACK MIN. FOR MACHINE FINISHED AND 6 1/2 SACK MIN. FOR HAND FINISHED) AND FIRELANE PAVEMENT SHALL BE NORMAL WEIGHT CONCRETE WITH A MINIMUM 28 DAY ULTIMATE COMPRESSIVE STRENGTH OF 3600 PSI (6 SACK MIN. FOR MACHINE FINISHED AND 6 1/2 SACK MIN. FOR HAND FINISHED) REINFORCED WITH #3 00 18" ON CENTER EACH WAY, 2" CLEAR FROM TOP OF SLAB. TYPICAL PAVING THICKNESS SHALL BE 5" AND SHALL BE 6" AT FIRE LANES (SEE SHT. C-2). SUBGRADE (6" MINIMUM) SHALL BE 6" AT FIRE LANES FOOT ROLLER TO 35% STD. PROCTOR MINIMUM, AT A MOISTURE CONTENT OF WITHIN MINUS ONE PERCENT TO PLUS 2% OF OPTIMUM PER ASTM D-698. (NO SAND UNDER PAVEMENT) CONTRACTOR SHALL PROVIDE CONSTRUCTION OR CONTRACTION JOINTS AT BY ON CENTER EACH WAY MAXIMUM, WITH EXPANSION JOINTS AT EVERY FOURTH JOINT (60" ON CENTER MAX.) EACH DIRECTION. CONTRACTOR SHALL SUBMIT JOINTING PLAN FOR REVIEW AND APPROVAL.

LOCATION, SIZE AND TYPE OF EXISTING UTILITIES WERE BASED UPON NOTED SURVEY AND VERBAL DATA. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES TO CONNECT WITH, OR THAT MAY CONFLICT WITH, HIS CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ALL UTILITIES DURING CONSTRUCTION. ALL UTILITY CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AND DETAILS OF THE CITY OF ROCKWALL, TEXAS AND NCTCOG 3rd EDITION UNLESS NOTED OTHERWISE. CONTRACTOR SHALL PROVIDE BACKFLOW PROTECTION PER CITY REQUIREMENTS.

VER: SCALE: 7. : 1" = 20' 7. : 1" = 5'

STORM -

F.L. =

580.51

0+00

STAT. 0+96.33 PROPOSED 5' F.L. = CURB INLET 580.51 PROPOSED GRADE

THE EXISTING GRADE n = 0.12 PARTIAL FLOW c = 24.7 cfs Q 100 0+50 = 1.48 cfs STAT. 0+14.41 F.L. = HOR. BEND 582.72

 577

 577

STATION 0+00 PROPOSED 15'

CURB INLET

(BY TXDOT)

STORM - "B"

2+00 587.50 CURB INLET PROPOSED GRADE STM SWR ON 1.1% n = 0.12 PARTIAL FLOW c = 12.0 cfs Q 100 = 1+50 3.70 cfs EXISTING GRADE STAT. 0+96.82 METERING PIPE 1+00 F.L. = 586.50 CURB INLET PROPOSED P STM SWR $\begin{array}{c} n = 0.12 \\ PARTIAL FLOW \\ c = 29.3 cfs \end{array}$ Q 100 = 0+50 ow 6.6% GRADE CRADE STATION 0+00 PROPOSED 15' F.L. = 0+00 580.51 CURB INLET (BY TXDOT)

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STAT. 1+95.66

PROPOSED 5'

YER:

SCALE: R.: 1" = 20' RI.: 1" = 5'

F.L. =

STANDARDS. RECORD DRAWINGS FEBRUARY 10, 2010

USE

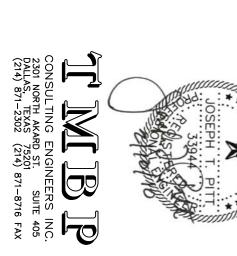
CITY

STANDARDS

AND NCTCOG

3rd

EDITION



J. PITT R.MITCH	DESIGN	CI		FIRS1		GE,	REV. N
	DESIGN DRAWN DATE SCALE NOTES FILE	CITY OF ROCKWALL, TEXAS	PUBLIC WORKS DEPARTMENT	FIRST BAPTIST CHURCH - ROCKWALL, TX	2008 PARKING ADDITION	GENERAL NOTES & DETAILS	REV. NO. TYPE OF WORK ENG.
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FIRST BAPTIST CHURCH PARKING ADDITION