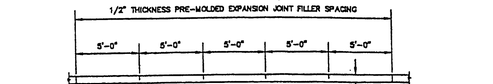
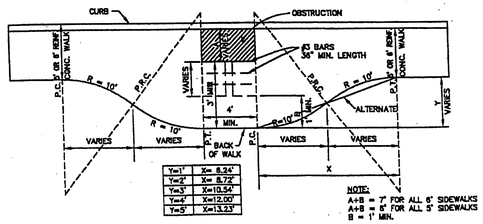
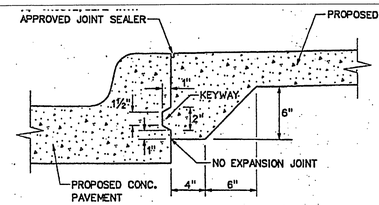


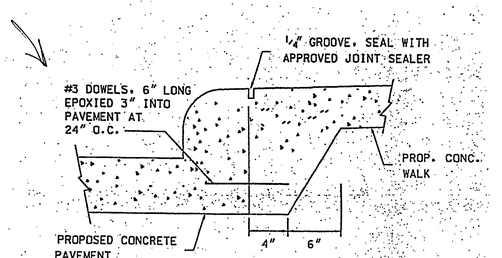
CONCRETE SIDEWALK



SIDEWALK WIDENING REQUIRED AROUND OBSTACLES IN SIDEWALK



JOINT DETAIL FOR SIDEWALK ADJACENT TO PROPOSED PAVEMENT

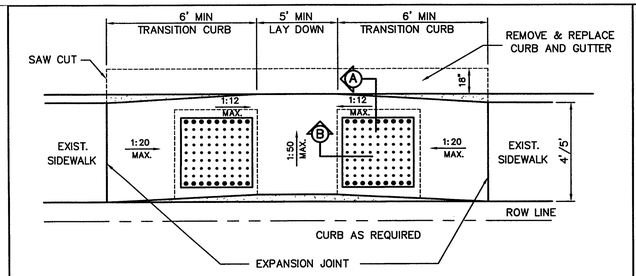


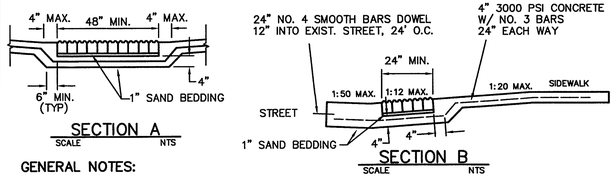
ALTERNATE JOINT DETAIL FOR SIDEWALK

NOT TO SCALE

SIDEWALK NOTES :

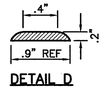
1. THE CONTRACTOR SHALL PROVIDE TOOLED JOINTS USING A JOINTING TOOL APPROVED BY THE ENGINEER.



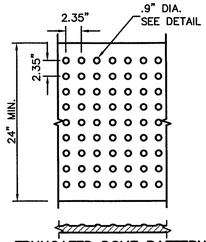


GENERAL NOTES:

1. THE TRUNCATED DOME PATTERN SHALL BE 24 INCHES IN DEPTH, EXTENDING THE FULL WIDTH OF THE RAMP.
2. THE TRUNCATED DOME PATTERN SHALL BEGIN 6 TO 8 INCHES BEHIND PROJECTED BACK-OF-CURB LINE AND SHALL BE AN INTEGRAL PART OF THE WALKING SURFACE.
3. DOMES SHALL BE ARRANGED ON A SQUARE GRID, ALIGNED PERPENDICULAR TO THE BACK-OF-CURB.
4. BARRIER FREE RAMPS SHALL BE CONSTRUCTED IN ACCORDANCE WITH ADA ACCESSIBILITY GUIDELINES.
5. THIS DETAIL TYPICAL FOR "RETROFITTED" RAMPS.
6. MINIMUM DIMENSIONS SHOWN FOR TRUNCATED PATTERN AREA SHALL BE CONSTRUCTED WITHOUT CUTTING ANY OF THE PATTERNED PAVERS. ACTUAL DIMENSIONS MAY BE LARGER THAN THOSE SHOWN.
7. DO NOT DOWEL INTO THE BACK OF CURBS.

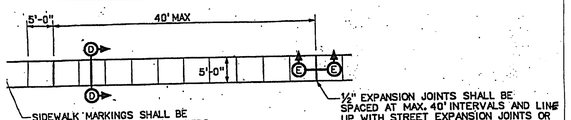


DETAIL D



TRUNCATED DOME PATTERN

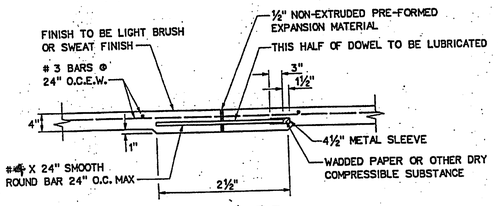
BARRIER FREE RAMP AT MID-BLOCK



NOTE:
CONCRETE TO HAVE MINIMUM 4000 PSI COMPRESSIVE STRENGTH AT 28 DAYS AND MINIMUM CEMENT CONTENT OF 5 SACKS PER CUBIC YARD OF CONCRETE.

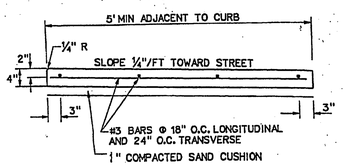
REINFORCED CONCRETE SIDEWALK - PLAN VIEW

NOT TO SCALE

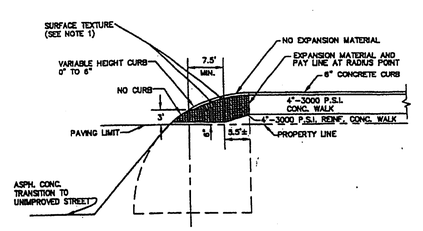


SECTION E-E EXPANSION JOINT DETAIL

NOT TO SCALE

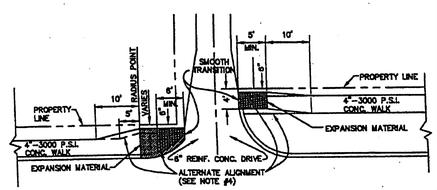


SECTION D-D



BARRIER FREE RAMP AT INTERSECTION WITH RESTRICTED RIGHT-OF-WAY

(WALK ABUTTING CURB)
SCALE: 3/32" = 1'-0"

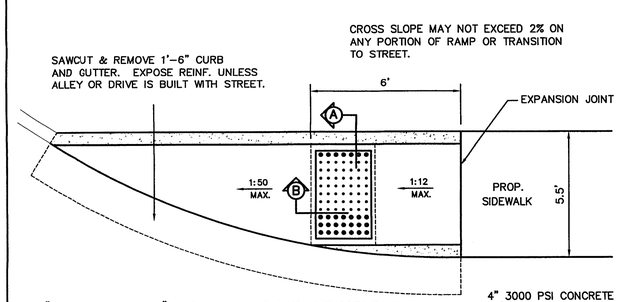


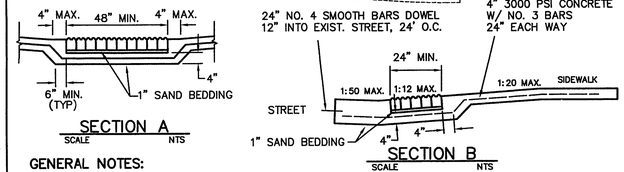
BARRIER FREE RAMPS AT ALLEYS

SCALE: 3/32" = 1'-0"

NOTES:

1. HANDICAP RAMPS SHALL INCLUDE GROOVES 1/4"-3/4" WIDE AT 3/4"-2" SPACING AT A MAX. DEPTH OF 3/8". RAMPS SHALL BE STAINED/DYED RED.
2. MAXIMUM SLOPE ON BARRIER FREE RAMPS MUST NOT EXCEED 1" PER FOOT IN ANY DIRECTION.
3. DESIGNS SHOWN ARE FOR 6" CURBS. FOR CURBS WITH HEIGHT GREATER THAN 6", DIMENSIONS MUST BE INCREASED PROPORTIONATELY.
4. STREETS ON STEEP GRADE WILL REQUIRE LONGER TRANSITION ON UPGRADE SIDE.
5. LOCATION OF BARRIER FREE RAMP MAY BE SHIFTED TO CLEAR OBSTRUCTIONS.
6. GRADE OF ANY INTERSECTING DRIVE FROM GUTTER LINE OF STREET TO PROPERTY LINE SHALL NOT EXCEED 8%.
7. SIDEWALKS CROSSING STEEP DRIVEWAYS MUST HAVE 2% CROSS-SLOPE BREAK IN DRIVE.





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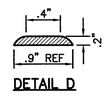
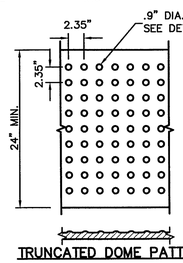


DETAIL D



TRUNCATED DOME PATTERN

BARRIER FREE RAMP AT DRIVE

REVISIONS	DATE

C. MICHAEL DANIEL 62457 REGISTERED PROFESSIONAL ENGINEER
STATE OF TEXAS

NDM NATHAN D. MAIER CONSULTING ENGINEERS, INC.
WWW.NDMCE.COM
Two Northpark 8080 Park Lane Suite 600
Dallas, Texas 75231 214.739.4741

SIDEWALK CONSTRUCTION DETAILS

TRINITY CHRISTIAN ACADEMY
CITY OF ADDISON, DALLAS COUNTY, TEXAS

SHEET NO. 2 / 2

DESIGN	DRAWN	SCALE	DATE	NOTES
NDMCE	NDMCE	1" = 30'	SEP. 25, 2007	07076.A.PL01

JOB NUMBER 07-08-076

9-25-07