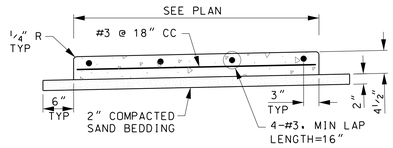
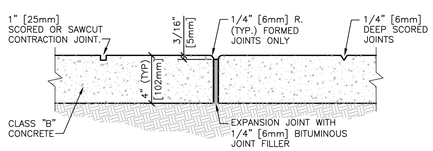
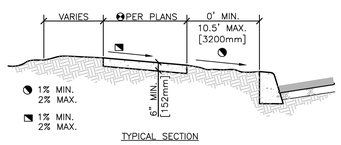


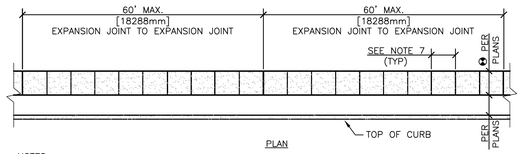
1 SIDEWALK DETAILS
SCALE: NTS



EXPANSION AND SCORED JOINT DETAIL



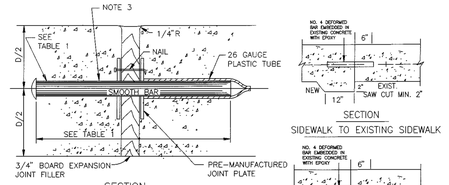
TYPICAL SECTION



PLAN

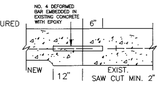
NOTES:
1. EXPANSION JOINTS SHALL BE LOCATED WHERE SIDEWALK ABUTS CONCRETE DRIVEWAYS, CURB OR OTHER ADJACENT STRUCTURES.
2. ONE-HALF INCH BITUMINOUS JOINT FILLER SHALL BE INSTALLED AT EXPANSION JOINT LOCATIONS AND SHALL EXTEND THE FULL DEPTH OF THE CONCRETE.
3. 1" DEEP CONTRACTION JOINTS SHALL BE PLACED AT INTERVALS OF APPROXIMATELY 15' [4572mm] OR AT A SPACING THAT MATCHES THE ADJACENT CURB.
4. FORMED CONTRACTION JOINTS SHALL BE FINISHED WITH A TOOL HAVING A 1/4" [6mm] RADIUS.
5. SCORED JOINTS SHALL BE 1/4" [6mm] DEEP AND PLACED AT THE SPACING INDICATED FOR THE WIDTH OF SIDEWALK OR MATCH SCORED JOINTS OF ADJACENT CURB.
6. CONCRETE SHALL BE FINISHED BY MEANS OF A FLOAT, STEEL TROWELLED AND BROOMED WITH A FINE BRUSH IN A TRANSVERSE DIRECTION.
7. 1/4" DEEP SCORED JOINTS (TYP) SPACED AT 6' [1829mm] OR EQUAL TO SIDEWALK WIDTH.

2 SIDEWALK DETAILS
SCALE: NTS



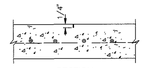
SECTION
DOWEL TYPE EXPANSION JOINT
N.T.S

SECTION
SIDEWALK TO EXISTING SIDEWALK

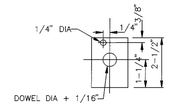


SECTION
SIDEWALK TO EXISTING DRIVEWAY

PLAN – JOINT PLATE



SECTION
CONTROL JOINT
N.T.S.



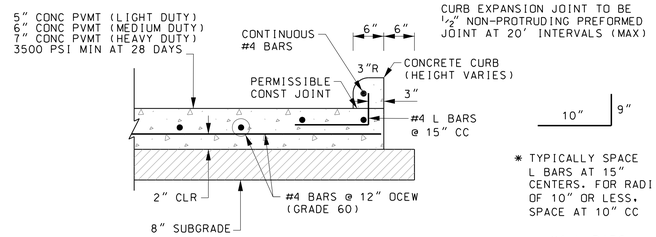
ELEVATION – JOINT PLATE
N.T.S.

NOTES:
1. STEEL TO MEET ASTM STANDARD SPECIFICATIONS FOR CONCRETE REINFORCING BARS.
2. EXPANSION JOINT TO BE PLACED AT THE END OF EACH CURB RADIUS AND SPACED AT A MAXIMUM DISTANCE OF 36' FEET. MAXIMUM SPACING FOR CONTROL JOINTS SHALL BE 5' FEET.
3. CENTER DOWEL HORIZONTALLY ON JOINT.
4. CENTER DOWEL VERTICALLY IN CONCRETE AS NEEDED TO MAINTAIN 2" MIN. COVER.

TABLE 1

PAVEMENT THICKNESS (IN)	DOWEL SIZES AND SPACINGS		
	DIAMETER (IN)	LENGTH (IN)	SPACING (IN)
4 1/2	1/2	18	12
5	1/2	18	12
6	3/4	18	12
7	1	18	12

3 SIDEWALK JOINT DETAILS
SCALE: NTS



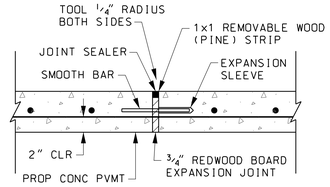
* TYPICALLY SPACE L BARS AT 15" CENTERS. FOR RADII OF 10" OR LESS, SPACE AT 10" CC

#4 L BARS

SUBGRADE FOR 5", 6", OR 7" PAVEMENT:

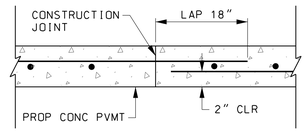
1. PROOF ROLL & REMOVE SOFT SPOTS, SHAPE SCARIFY, AND STABILIZE UPPER 8" OF SUBGRADE.
2. CLAY SOILS TO BE STABILIZED WITH 8%-10% HYDRATED LIME.
3. SANDY/SILTY SOILS OR SELECT FILL TO BE STABILIZED WITH A MIXTURE OF LIME-FLYASH APPLIED AS 3% LIME AND 6% PERCENT FLYASH.
4. COMPACT SUBGRADE SOIL TO 95% OF STANDARD PROCTOR DENSITY PER ASTM D 898.
5. MOISTURE CONTENT TO BE -1% TO +3% OF OPTIMUM AT TIME OF COMPACTION.
6. STABILIZE SUBGRADE IN ACCORDANCE WITH TxDOT ITEM 260 AND 264 FOR LIME-FLYASH STABILIZED SUBGRADE.

4 CONCRETE PAVEMENT & CURB DETAIL
SCALE: NTS



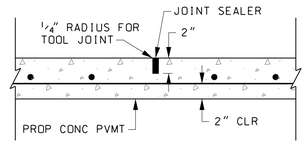
* CONTRACTOR TO USE SHEP-LOAD STANDARD SIZE LOAD TRANSFER UNIT (OR EQUAL) AT 18" CENTERS SHEP-LOAD ECONO LOAD (3/4"x18")

PAVEMENT LOAD TRANSFER DEVICE AT EXPANSION JOINT



* THE LOCATION OF CONSTRUCTION JOINTS MAY BE VARIED, WITH THE APPROVAL OF THE ENGINEER

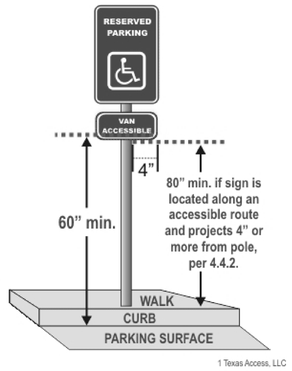
CONSTRUCTION JOINT



* SEAL JOINT WITH BITUMINOUS MATERIAL

CONTROL JOINT
SAWCUT OR TOOLED

5 CONCRETE PAVEMENT JOINT DETAILS
SCALE: NTS



6 ADA PARKING SIGN DETAIL
SCALE: NTS

ISSUE FOR CONSTRUCTION
FULLY SPRINKLERED

Revisions	Date
ADDENDUM NO. 3	9-12-2012

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PROFESSIONAL SEALS
STATE OF TEXAS — TODD J. HENNING — 86937 — LICENSED PROFESSIONAL ENGINEER — 9-12-12

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Drawing Title: SHEET NAME DETAILS - PAVING
Approved:
Project Title: Expansion and Renovations of Building 108 for Mental Health
Project Abbreviation: MHC
Location: 2002 Holcombe Blvd Houston, TX 77030
Date: 06-15-2012 | Checked: TJH | Drawn: TJH
Project Number: VA256-P-1104
Building Number: 108A
Drawing Number: C-201
Dwg. of
Office of Construction and Facilities Management
Department of Veterans Affairs

VA FORM 08-6231
FILE NAME