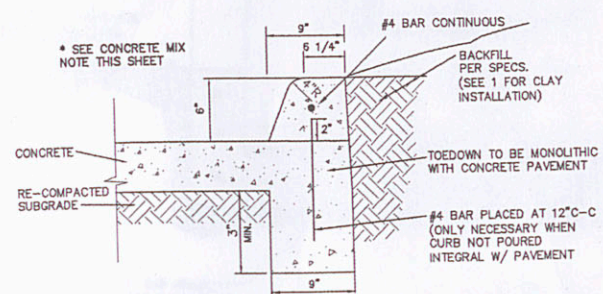
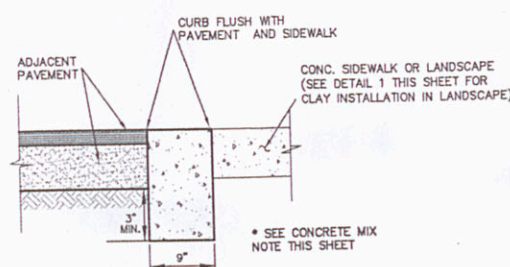


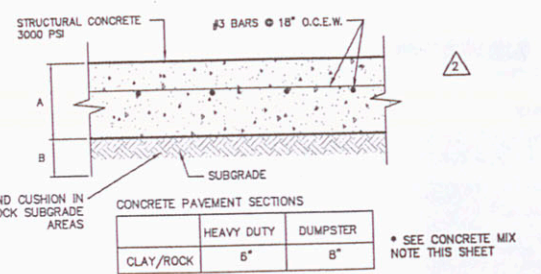
1 STANDARD ON-SITE CURB
NOT TO SCALE



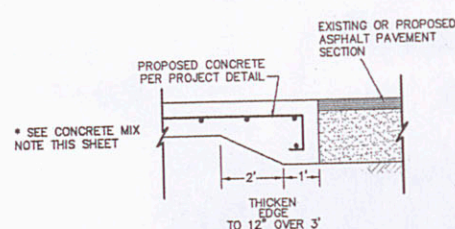
2 CONCRETE PAVEMENT CURB DETAIL
NOT TO SCALE



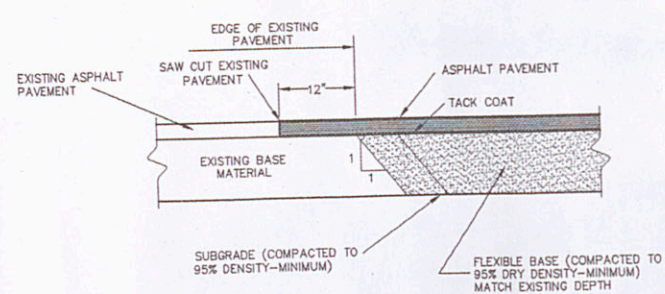
3 HEADER CURB DETAIL
NOT TO SCALE



4 CONCRETE PAVEMENT/SIDEWALK DETAIL
NOT TO SCALE



5 CONCRETE/ASPHALT JUNCTURE DETAIL
NOT TO SCALE

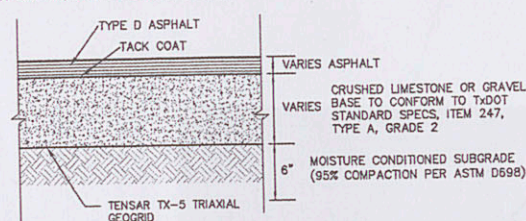


6 EXISTING TO PROPOSED PAVEMENT JUNCTURE DETAIL
NOT TO SCALE

Pavement Type	Subgrade Condition*	Surface Course (Inches)	Base (Inches)
LIGHT DUTY PMT	CLAY SUBGRADE	2	7 (FLEXIBLE BASE)
MEDIUM DUTY PMT	CLAY SUBGRADE	2	10 (FLEXIBLE BASE)
HEAVY DUTY PMT	CLAY SUBGRADE	3.5	16 (FLEXIBLE BASE) **
LIGHT DUTY PMT	ROCK SUBGRADE	2	6 (FLEXIBLE BASE)
MEDIUM DUTY PMT	ROCK SUBGRADE	2	8 (FLEXIBLE BASE)
HEAVY DUTY PMT	ROCK SUBGRADE	2	13 (FLEXIBLE BASE)

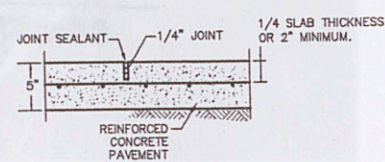
** THE FLEXIBLE BASE THICKNESS MAY BE REDUCED BY 6 IN IF GEOTECH IS UTILIZED BENEATH THE FLEXIBLE BASE.

REFERENCE GEOTECH REPORT - BY RABA KISTNER, PROJECT NO. AS411-097-00, DATED FEBRUARY 2, 2012.



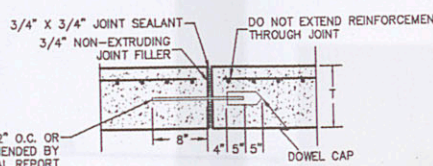
BASE COURSE SHOULD BE BROUGHT TO NEAR OPTIMUM MOISTURE CONDITIONS AND COMPACTED IN TWO LIFTS TO AT LEAST 95% OF MAX. DRY DENSITY AS DETERMINED BY TEST METHODS ASTM D 1557

7 ASPHALT PAVEMENT DETAIL
NOT TO SCALE



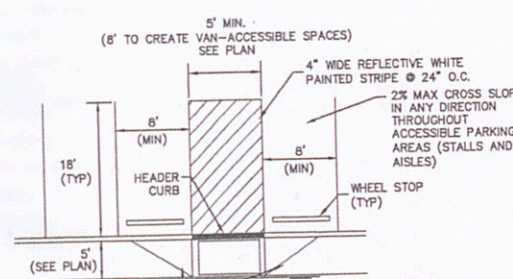
NOTE: CONTRACTION JOINT MAY BE SAWED, HAND FORMED, OR CREATED BY USE OF PREMOULDED JOINT FILLER. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT CONCRETE PAVEMENT MEETS ALL FINISHING REQUIREMENTS AFTER INSTALLATION OF CONTRACTION JOINT.

8 CONCRETE JOINT DETAILS
NOT TO SCALE



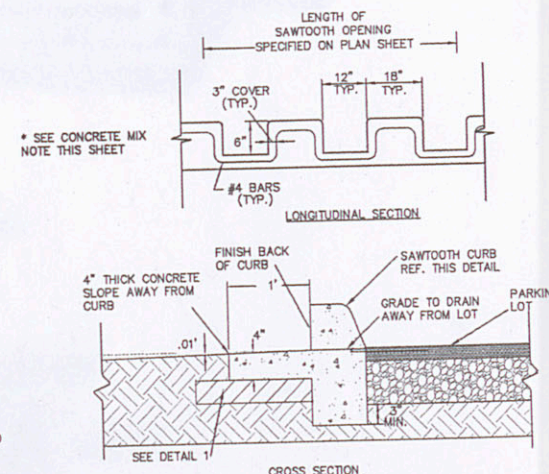
NOTE: IN THIS LOCALITY, DRYING SHRINKAGE OF CONCRETE TYPICALLY SIGNIFICANTLY EXCEEDS ANTICIPATED EXPANSION DUE TO THERMAL EFFECTS. AS A RESULT, THE NEED FOR EXPANSION JOINTS IS ELIMINATED PROVIDED ALL JOINTS (INCLUDING SAWCUTS) ARE SEALED. CONSTRUCTION OF AN UNNECESSARY JOINT MAY ALSO BECOME A MAINTENANCE PROBLEM. ALL JOINTS SHOULD BE SEALED. IF ALL JOINTS, INCLUDING SAWCUTS, ARE NOT SEALED THEN EXPANSION JOINTS SHOULD BE INSTALLED.

9 LONGITUDINAL JOINT
NOT TO SCALE

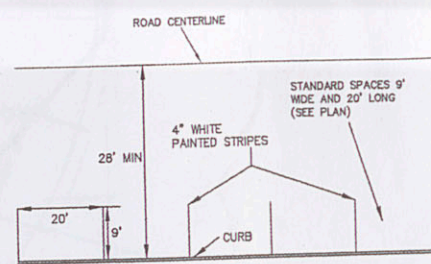


2% MAX CROSS SLOPE ON ALL RAMP AND WALKS
NOTE: TYPICAL FEATURES SHOWN; ARRANGEMENT/PLAN MAY VARY

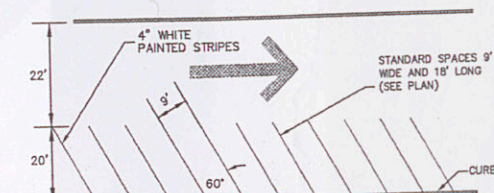
10 ACCESSIBLE PARKING SPACE DETAIL
NOT TO SCALE



11 6\"/>

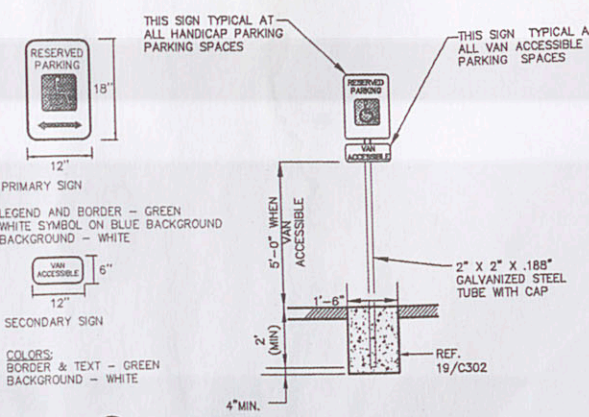


12 STRIPING FOR 60-DEGREE ANGLED PARKING
NOT TO SCALE

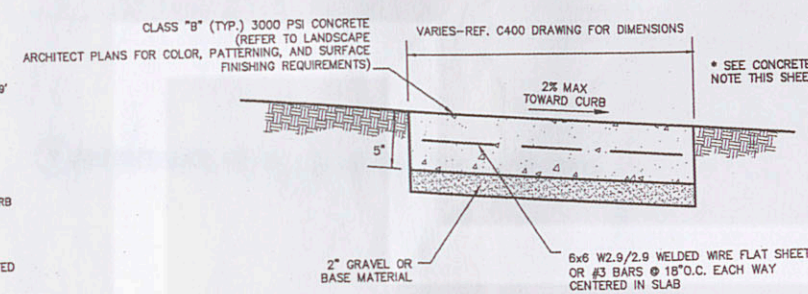


NOTE: ALL SPACES SHOWN ON PLAN STD. (9x18) UNLESS OTHERWISE NOTED

13 PARALLEL PARKING DETAIL
NOT TO SCALE



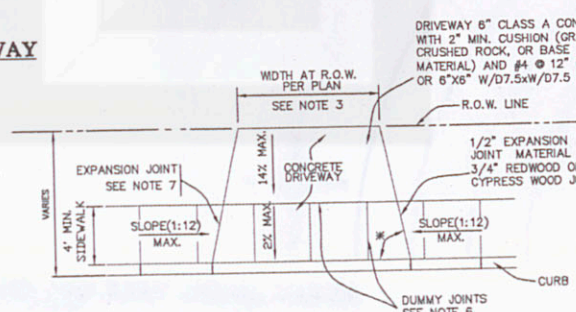
14 SIDEWALK DETAIL
NOT TO SCALE



15 CURB PROFILE AT DRIVEWAY
NOT TO SCALE

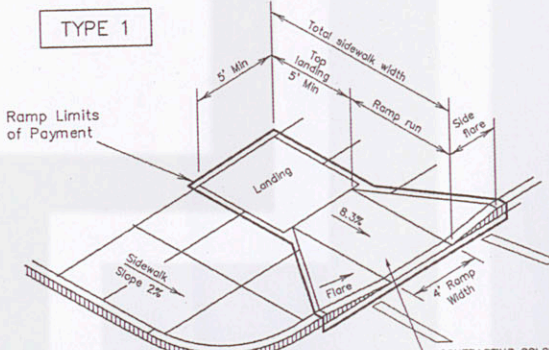
CONCRETE DRIVEWAY NOTES

1. DRIVEWAY PENETRATION REFERS TO A PORTION OF THE DRIVEWAY THAT MAY BE NECESSARY TO RECONSTRUCT WITHIN PRIVATE PROPERTY TO COMPLY WITH A MAXIMUM DRIVEWAY SLOPE. THIS PORTION OF THE DRIVEWAY SHALL BE PAID FOR UNDER THE FOLLOWING ITEMS AS MAY APPLY.
2. 7" MINIMUM HEIGHT WILL NOT NECESSARILY OCCUR AT THE PROPERTY LINE. IT MAY OCCUR WITHIN THE RIGHT OF WAY OR WITHIN THE DRIVEWAY PENETRATION ON PRIVATE PROPERTY.
3. THE PROPOSED DRIVEWAY WIDTH SHALL BE WITHIN THE FOLLOWING VALUES:
COMMERCIAL 1-WAY 12' MIN/20' MAX
COMMERCIAL 2-WAY 24' MIN/30' MAX
DUMMAY JOINTS PARALLEL TO THE CURB SHALL BE PLACED WHERE THE SIDEWALK MEETS THE DRIVEWAY. DUMMAY JOINTS PERPENDICULAR TO THE CURB AND WITHIN THE BOUNDARIES OF THE DRIVEWAY SHALL BE PLACED AT INTERVALS EQUAL TO THE WIDTH OF THE SIDEWALK. A MINIMUM OF TWO ROUND AND SMOOTH DOWEL BARS 3/8" IN DIAMETER AND 18" IN LENGTH SHALL BE SPACED 18" APART AT EACH EXPANSION JOINT.
4. SIDEWALK RAMP LENGTHS SHALL BE OF SUFFICIENT LENGTH TO MAINTAIN 8.33% (1:12) MAXIMUM SLOPE. WHERE SIDEWALKS CROSS DRIVEWAYS, SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2%.
5. SIDEWALK RAMP SURFACE SHALL BE BRUSH FINISHED.

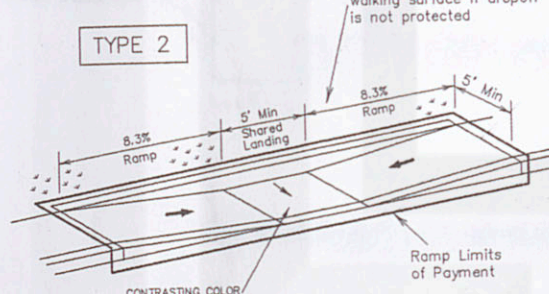


16 TYPICAL DRIVEWAY PLAN VIEW
WITH SIDEWALK ABUTTING CURB

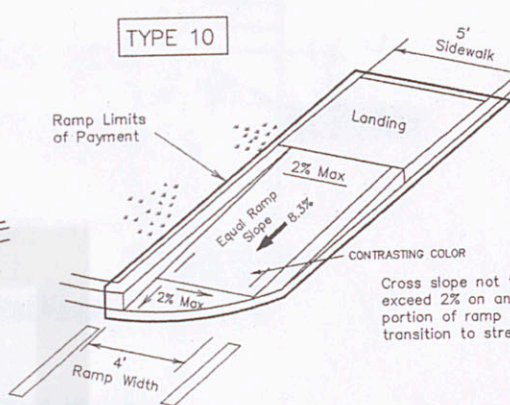
15 TYPICAL DRIVEWAY DETAIL
NOT TO SCALE



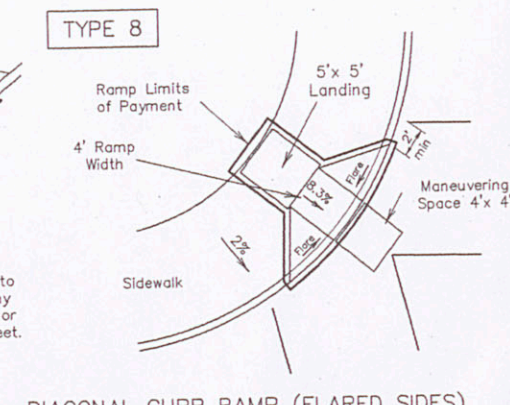
17 PERPENDICULAR CURB RAMP



18 PARALLEL CURB RAMP
(Use only where water will not pond in the landing.)

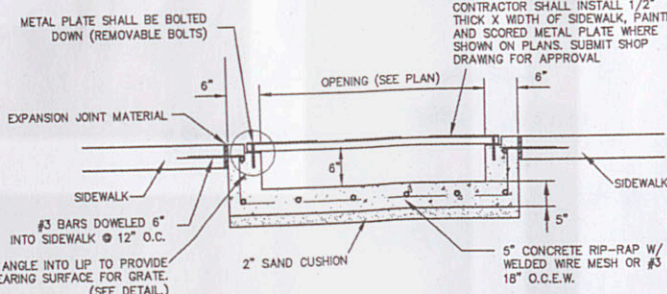


19 DIRECTIONAL RAMP WITHIN RADIUS
(Sidewalk adjacent to curb)

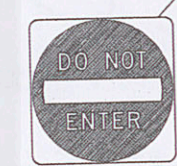


20 DIAGONAL CURB RAMP (FLARED SIDES)

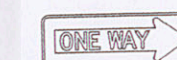
16 CURB RAMP DETAILS
NOT TO SCALE



21 SIDEWALK BOX DETAIL
NOT TO SCALE



22 "DO NOT ENTER" SIGN
NOT TO SCALE



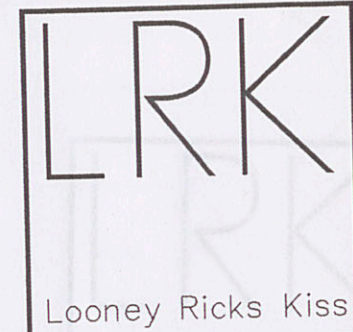
23 "ONE WAY" SIGN
NOT TO SCALE



24 "STOP" SIGN
NOT TO SCALE



25 ACCESSIBLE PARKING STALL SYMBOL
NOT TO SCALE



Architecture Planning Interiors Research
175 Toyota Plaza, Suite 600
Memphis, Tennessee 38103
Telephone 901 521 1440
Fax 901 525 2760
E-mail info@lrk.com

Client:

LOADSTAR, Inc.
9830 Colonnade Boulevard, Suite 600
San Antonio, Texas 78230

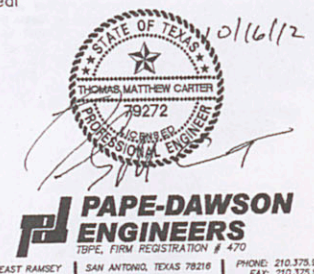
Issues and Revisions

No.	Date	Issues
1	06/08/2012	PRICING SET
2	07/11/2012	BLDG PERMIT ISSUE
3	10/15/2012	FOR CONSTRUCTION SET

No. Date Revisions

©2010 LRK Inc.
Drawings, written material, and design concepts shall not be used or reproduced in whole or part in any form or format without prior written consent of LRK Inc. Do not scale drawings. Use given dimensions only. If not shown, verify correct dimensions with the Architect. Contractor shall check and verify all dimensions and conditions at job site.

Seal



Project Number: 7801-13

Project Name: TOWN CENTER AT LA CANTERA

La Cantera
Phase I
Market Street
San Antonio,
Texas

Drawing Name:

CIVIL SITE AND PAVING DETAILS
(SHEET 1 OF 2)

Drawn By: AA/CS/JG/DS

Checked By: WK/PLS

C410