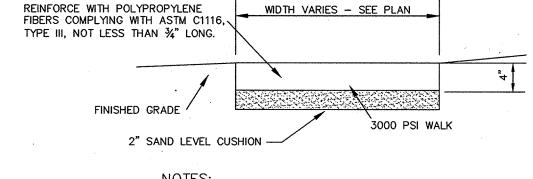


DESIGN SPECIFICATIONS REQUIRE USE OF DS-221 FOR KHA PROJECT NO. 063887045



- 1. PROVIDE 3/8" GROOVED CONTROL JOINTS AT 5' CENTERS. 2. PROVIDE 1/2" EXPANSION JOINTS AT 25', MAXIMUM, SPACING AND FILLED WITH PREMOLDED BITUMINOUS EXPANSION JOINT FILLER MATERIAL OR REDWOOD. EXPANSION JOINTS SHALL HAVE #4 DOWELS, LUBRICATED, 18" LONG, AT 12" CENTERS, 6" FROM EDGE. 3. PROVIDE 1/2" BITUMINOUS EXPANSION JOINT FILLER MATERIAL WHERE WALK ABUTS EXISTING IMPROVEMENTS
- AND AT ALL CHANGES IN GRADE. 4. REFER TO CITY DETAILS FOR ALL PUBLIC SIDEWALKS.

CONCRETE SIDEWALK

TAS SECTION 4.7.2 - SLOPE (REFERENCE DETAIL 3.1)

- A. MAXIMUM SLOPES OF CURB RAMPS SHALL NOT EXCEED 1:12. B. MAXIMUM SLOPES OF ADJOINING GUTTERS, ROAD SURFACE IMMEDIATELY ADJACENT TO THE CURB RAMP, OR ACCESSIBLE ROUTE SHALL NOT EXCEED
- TAS SECTION 4.7.3 WIDTH (REFERENCE DETAIL 3.1)
- A. THE MINIMUM WIDTH OF A CURB RAMP SHALL BE 36", EXCLUSIVE OF FLARED
- TAS SECTION 4.7.5 SIDES OF CURB RAMPS
- (REFERENCE DETAIL 3.1) A. IF A CURB RAMP'IS LOCATED WHERE PEDESTRIANS MUST WALK ACROSS THE RAMP OR WHERE IT IS NOT PROTECTED BY HANDRAILS OR GUARDRAILS, IT SHALL HAVE FLARED SIDES; THE MAXIMUM SLOPE OF THE FLARE SHALL BE 1:10. CURB RAMPS WITH RETURNED CURBS MAY BE USED WHERE PEDESTRIANS WOULD NOT NORMALLY WALK ACROSS THE RAMP.
- TAS SECTION 4.7.10 DIAGONAL CURB RAMPS A. IF DIAGONAL CURB RAMPS HAVE RETURNED CURBS OR OTHER WELL-DEFINED EDGES, SUCH EDGES SHALL BE PARALLEL TO THE DIRECTION OF PEDESTRIAN FLOW. THE BOTTOM OF DIAGONAL CURB RAMPS SHALL HAVE 48" MINIMUM CLEAR SPACE. IF DIAGONAL CURB RAMPS ARE PROVIDED AT MARKED CROSSINGS, THE 48" CLEAR SPACE SHALL BE WITHIN THE MARKING. IF

THE CURB RAMP AND WITHIN THE MARKED CROSSING.

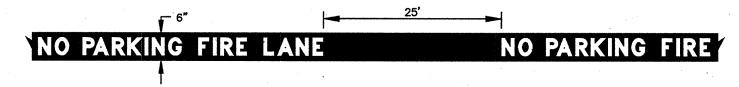
TAS SECTION 4.7.11 - ISLANDS A. ANY RAISED ISLANDS IN CROSSINGS SHALL BE CUT THROUGH LEVEL WITH THE STREET OR HAVE CURB RAMPS AT BOTH SIDES AND A LEVEL AREA AT LEAST 48" LONG BETWEEN THE CURB RAMPS IN THE PART OF THE ISLAND INTERSECTED BY THE CROSSINGS.

DIAGONAL CURB RAMPS HAVE FLARED SIDES, THEY SHALL ALSO HAVE AT

LEAST A 24" LONG SEGMENT OF STRAIGHT CURB LOCATED ON EACH SIDE OF

- 1. TEXTURES SHALL CONSIST OF EXPOSED CRUSHED STONE AGGREGATE, ROUGHENED CONCRETE, RUBBER, RAISED ABRASIVE STRIPS, OR GROOVES EXTENDING THE FULL WIDTH AND DEPTH OF THE CURB RAMP. SURFACES THAT ARE RAISED, ETCHED, OR GROOVED IN A WAY THAT WOULD ALLOW
- WATER TO ACCUMULATE ARE PROHIBITED. REFERENCE TAS 4.29.2 OR TM 99-15 FOR SURFACE TEXTURE. 2. FOR PURPOSES OF WARNING, THE FULL WIDTH AND DEPTH OF CURB RAMPS SHALL HAVE A LIGHT AND REFLECTIVE VALUE AND TEXTURE THAT
- TAS SECTION 4.29.2 DETECTABLE WARNINGS ON WALKING SURFACES A. DETECTABLE WARNINGS SHALL CONSIST OF RAISED TRUNCATED DOMES WITH A DIAMETER OF NOMINAL 0.9 IN, A HEIGHT OF NOMINAL 0.2 IN, AND A CENTER TO CENTER SPACING OF NOMINAL 2.35 IN, AND SHALL CONTRAST VISUALLY WITH ADJOINING SURFACES, EITHER LIGHT-ON-DARK, OR DARK-ON-LIGHT. THE MATERIAL USED TO PROVIDE CONTRAST SHALL BE AN INTEGRAL PART OF THE WALKING SURFACE.

SIGNIFICANTLY CONTRASTS WITH THAT OF ADJOINING PEDESTRIAN ROUTES.

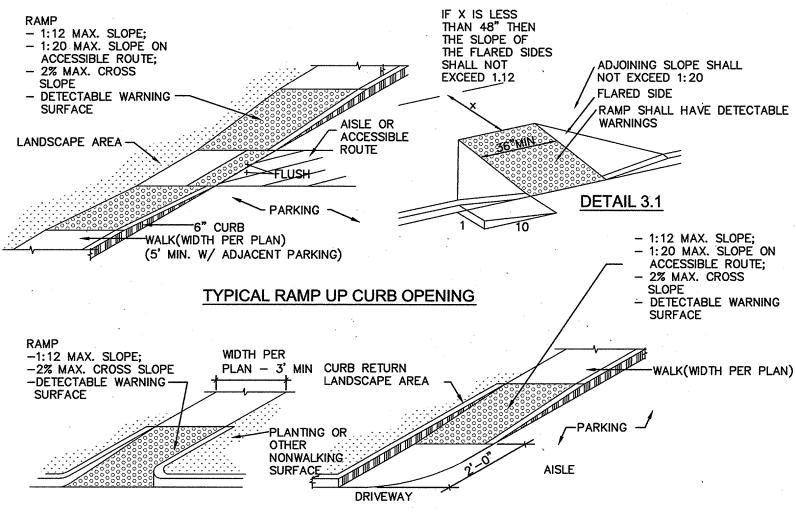


NO PARKING FIRE

NO PARKING FIRE LANE

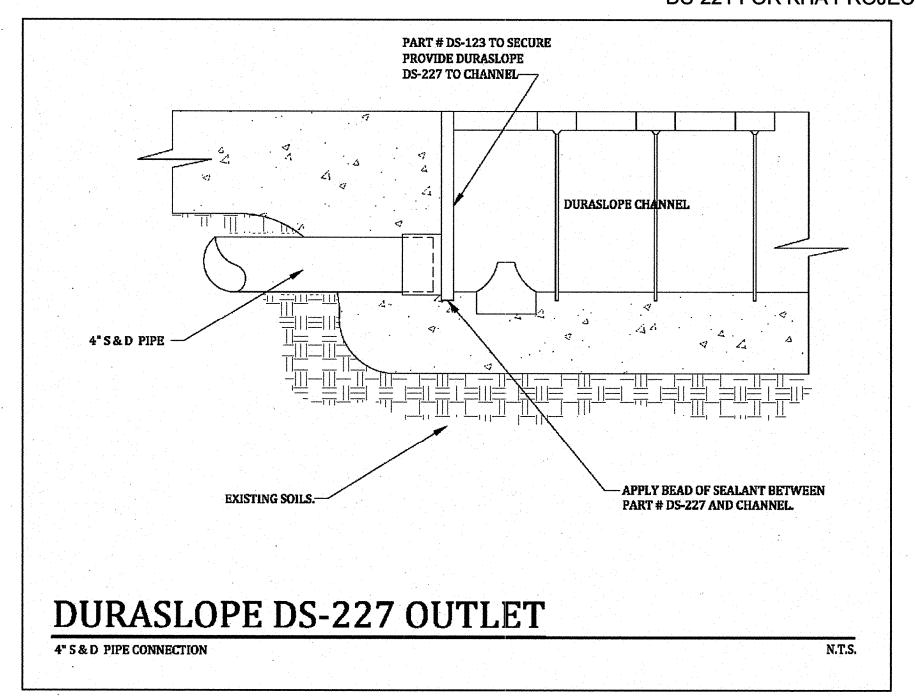
FIRE LANE STRIPING SHALL BE 6" RED STRIPES WITH 4" INCH WHITE LETTERS READING "NO PARKING FIRE LANE". STRIPING SHALL BE PLACED ON THE TOP EDGE OF THE SIDEWALK ABUTTING THE PAVED DRIVE OR AS SPECIFIED BY LOCAL

FIRE LANE MARKING



-WALK(WIDTH PER PLAN) **CURB RAMP - RETURNED CURB** TYPICAL RAMP UP CURB OPENING

BARRIER FREE RAMPS (ON-SITE PRIVATE)



TRENCH DRAIN DETAILS

"RECORD DRAWING"

THIS DRAWING HAS BEEN REVISED TO SHOW THOSE CHANGES DURING THE CONSTRUCTION PROCESS VISUALLY VERIFIED BY A REPRESENTATIVE FROM OUR OFFICE AND REPORTED BY THE CONTRACTOR TO KIMLEY-HORN AND ASSOCIATES, INC. AND CONSIDERED TO BE SIGNIFICANT. THIS DRAWING IS NOT GUARANTEED TO BE "AS-BUILT" BUT IS BASED ON THE INFORMATION MADE AVAILABLE.

CONTRACTOR TO USE DETAILS AS OUTLINED IN THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, NORTH CENTRAL TEXAS, THIRD EDITION AND THE CITY OF ROCKWALL STANDARDS OF DESIGN AND CONSTRUCTION FOR ANY DETAILS NOT PROVIDED.

Architecture Interior Planning 195 South "C" Street 200 Tustin, California 92780 714 832-1834

ARCHITECTS PROJECT #:

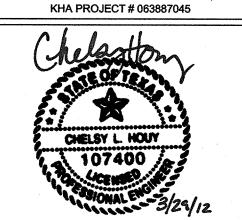
FAX 832-1910

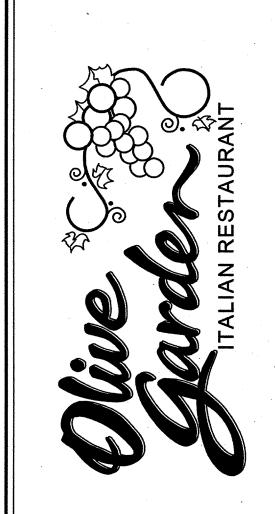
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Kimlev-Horn and Associates. Inc. 601 NW LOOP 410, SUITE 350 SAN ANTONIO, TEXAS 78216 PHONE: 210-541-9166

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07/18/11 **REVISION INFORMATION** 07/21/11 GENERAL REVISIONS 09/07/11 CITY COMMENTS

Issue Date:

Restaurant #:

OLIVE GARDEN PROTOTYPE OG-P-75R ROCKWALL BUSINESS PARK EAST SUBDIVISION 1043 EAST IH-30

11L0042

AUTHORIZED FOR: PERMIT/BID

ROCKWALL, TEXAS

DRAWING MISCELLANEOUS CONSTRUCTION DETAILS

C6.1