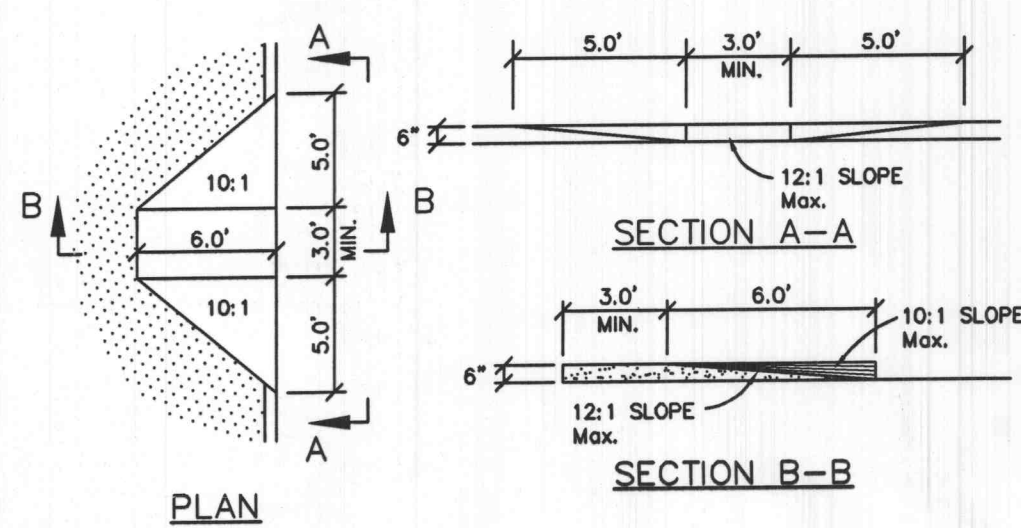


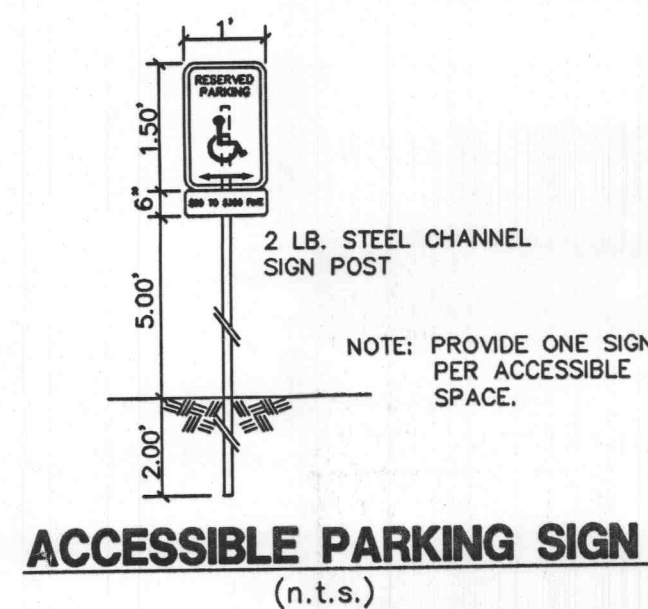
DETAIL OF CONCRETE SIDEWALK



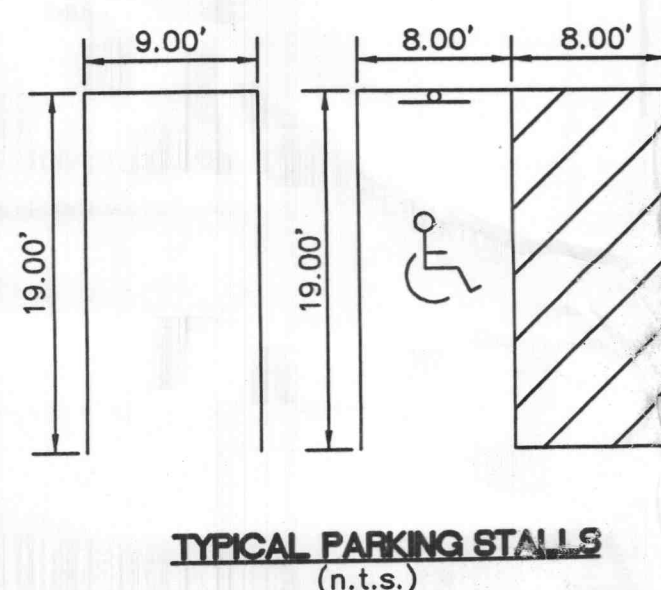
TYPICAL HANDICAP RAMP DETAIL (n.t.s.)



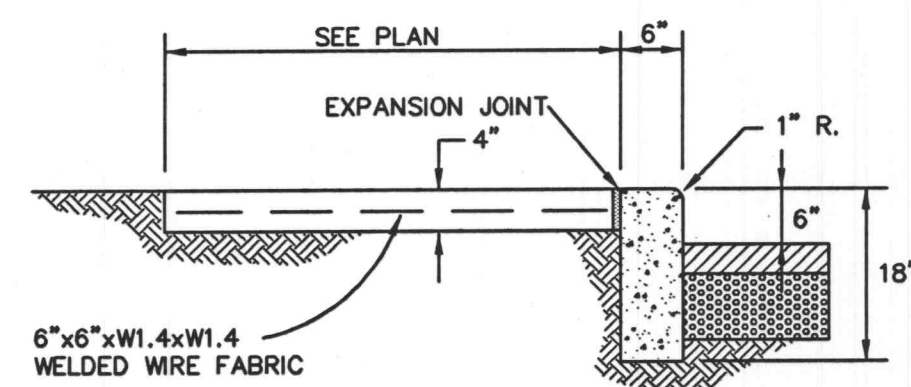
HANDICAP SIGN (n.t.s.)



ACCESSIBLE PARKING SIGN (n.t.s.)



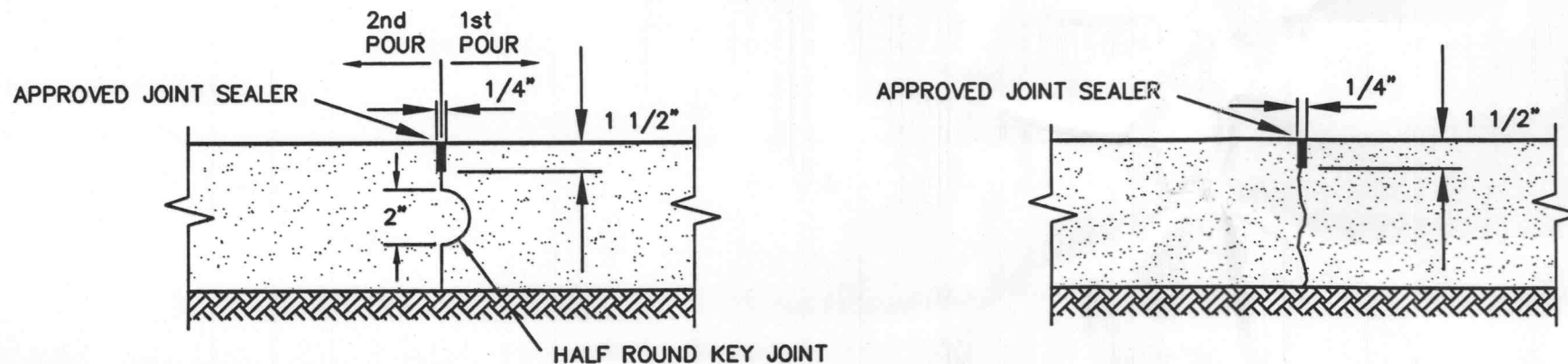
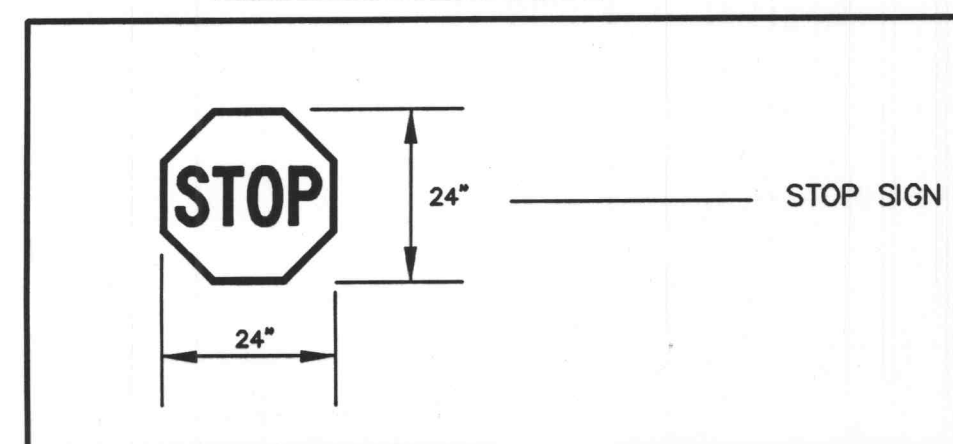
TYPICAL PARKING STALLS (n.t.s.)



NOTE: EXPANSION JOINT MATERIAL SHALL BE INSTALLED IN THE WALK FOR ITS FULL WIDTH AND DEPTH AT INTERVALS OF APPROX. 15'. CONTROL JOINTS AT INTERVALS OF 1.5 TIMES ITS WIDTH.

INTEGRAL CONCRETE SIDEWALK & CURB (n.t.s.)

SIGN LEGEND



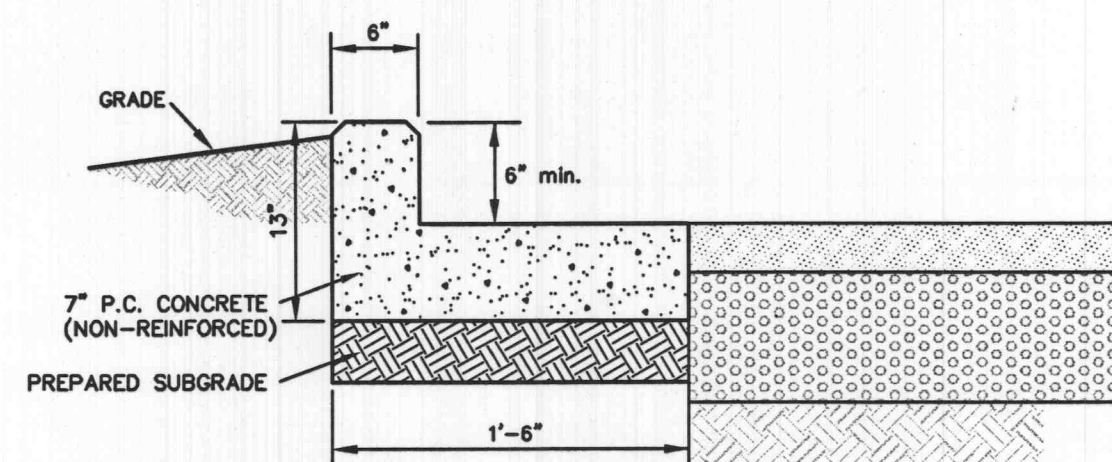
CONSTRUCTION JOINT

CONTROL JOINT

ISOLATION OR EXPANSION JOINT

JOINT DETAILS (n.t.s.)

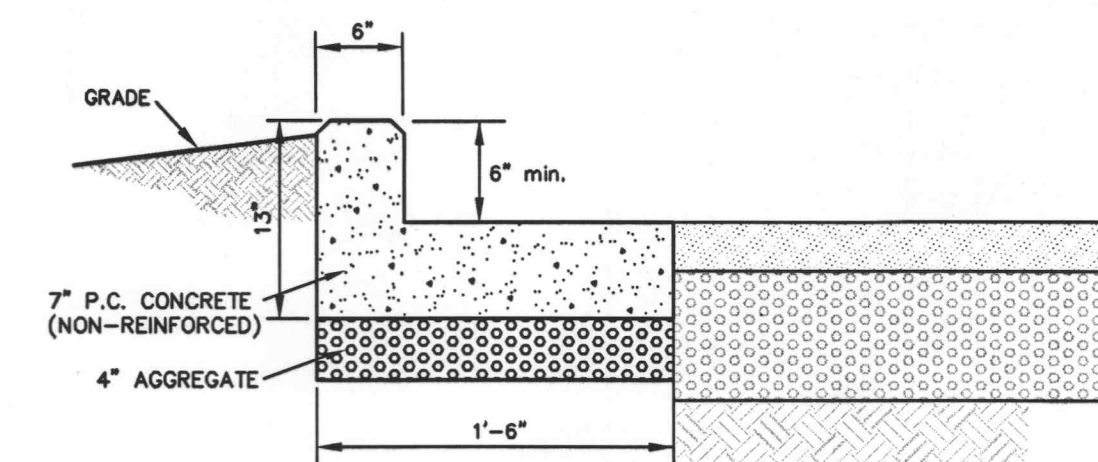
- CONSTRUCTION JOINTS ARE REQUIRED BETWEEN ALL POURS SEPARATED BY MORE THAN 90 MINUTES TIME.
- FIFTEEN FOOT (15) SPACING BETWEEN CONTROL AND CONSTRUCTION JOINTS.
- FILL JOINTS TO WITHIN 1/8" OF SURFACE WITH JOINT SEALER.
- WHEN A JOINT FALLS WITHIN 5' OF A MANHOLE, LIGHT POLE BASE, OR OTHER STRUCTURE, SHORTEN ONE OR MORE PANELS ON EITHER SIDE OF STRUCTURE TO ALLOW CONTROL JOINTS TO FALL AT STRUCTURE.
- NINETY FOOT (90) SPACING BETWEEN EXPANSION JOINTS.
- FOR ENTRANCE APRONS, CONTRACTOR TO REFER TO MoDOT SPECIFICATIONS FOR JOINT LOCATIONS.



ON-SITE CONCRETE CURB & GUTTER TYPE 1 (TO BE USED ON SITE, SEE PLAN)

NOTE:

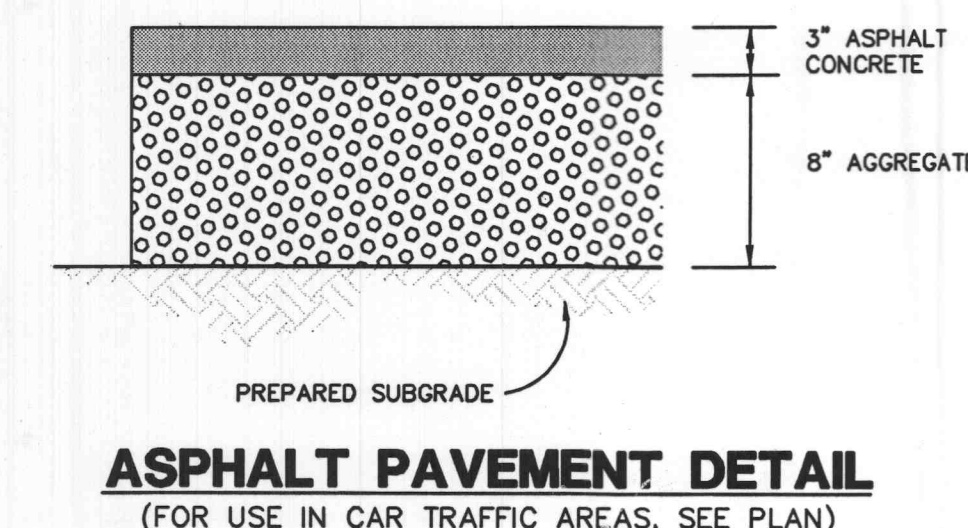
- ALL CONCRETE SHALL BE MIN. FC. = 4000 PSI. (UNLESS OTHERWISE NOTED)
- ANY UNSUITABLE SOIL (AS DETERMINED BY SOILS ENGINEER) BELOW STRUCTURE SHALL BE REMOVED AND REPLACED WITH SELECT EARTHEN MATERIAL COMPACTED IN PLACE WITH VIBRATORY TAMPER.
- ALL EXPOSED CONCRETE EDGES TO HAVE 3/4" CHAMFER.
- DIMENSIONS SHOWN ARE TO BACK OF CURB.
- INSTALL EXPANSION JOINTS AT INTERVALS OF APPROXIMATELY 20'-0" O.C. IF NOT SPECIFICALLY CALLED OUT ON DRAWINGS.



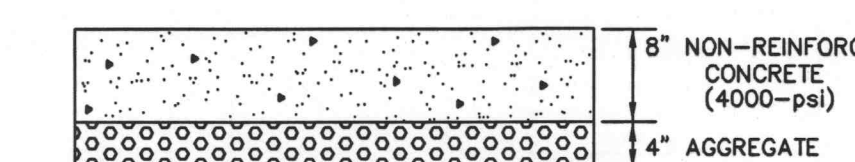
6" CONCRETE CURB & GUTTER TYPE 2 (TO BE USED IN WINGHAVEN BLVD. ENTRANCES)

NOTE:

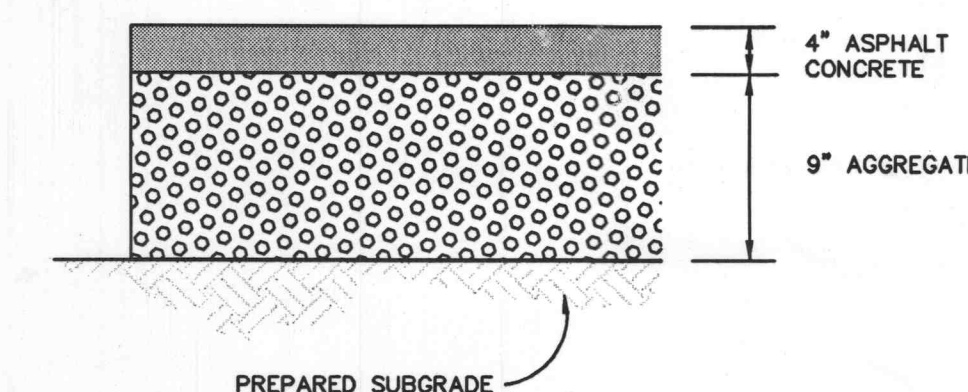
- ALL CONCRETE SHALL BE MIN. FC. = 4000 PSI. (UNLESS OTHERWISE NOTED)
- ANY UNSUITABLE SOIL (AS DETERMINED BY SOILS ENGINEER) BELOW STRUCTURE SHALL BE REMOVED AND REPLACED WITH SELECT EARTHEN MATERIAL COMPACTED IN PLACE WITH VIBRATORY TAMPER.
- ALL EXPOSED CONCRETE EDGES TO HAVE 3/4" CHAMFER.
- DIMENSIONS SHOWN ARE TO BACK OF CURB.
- INSTALL EXPANSION JOINTS AT INTERVALS OF APPROXIMATELY 20'-0" O.C. IF NOT SPECIFICALLY CALLED OUT ON DRAWINGS.



ASPHALT PAVEMENT DETAIL (FOR USE IN CAR TRAFFIC AREAS, SEE PLAN)



MoDOT CONCRETE PAVEMENT DETAIL (FOR USE AT ENTRANCE ONTO NORTH OUTER 40 ROAD) PER MoDOT

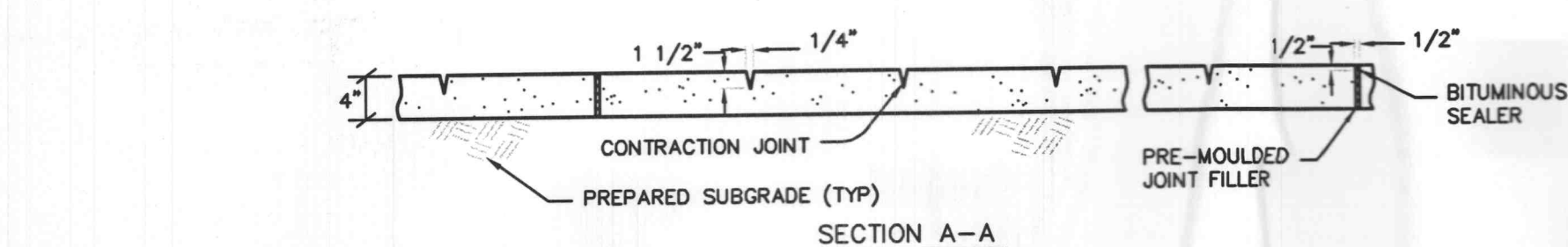


ASPHALT PAVEMENT DETAIL (FOR USE IN TRUCK TRAFFIC AREAS, SEE PLAN)

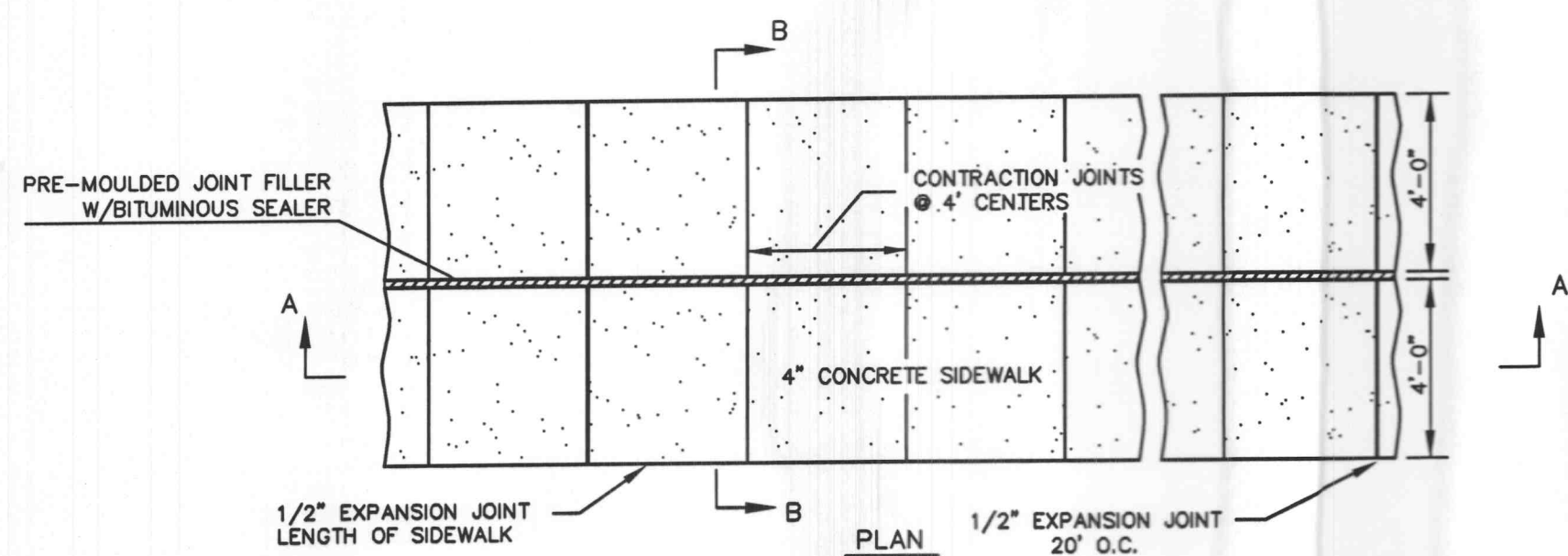


CONCRETE PAVEMENT DETAIL (FOR USE AT ENTRANCES AND TRASH ENCLOSURE PADS AS INDICATED ON PLAN)

SEE SHEET C21 FOR REQUIRED MoDOT DETAILS



DETAIL OF 8" W CONCRETE SIDEWALK



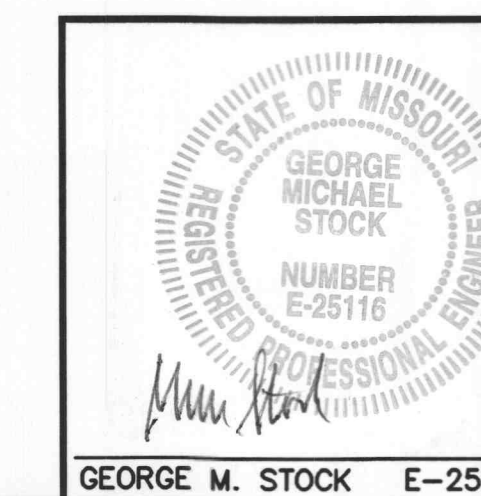
03/19/03 O'FALLON COMMENTS

02/28/03 DCS, MoDOT COMMENTS AND DESIGN COORDINATION

LAKESIDE SHOPPES
SITE DETAILS

STOCK & ASSOCIATES
CONSULTING ENGINEERS, INC.

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DRAWN BY: J.T.R. DATE: 11/21/02 CHECKED BY: G.M.S. DATE: 11/21/02 JOB NUMBER: 202-2777 SHEET: C20 of 25