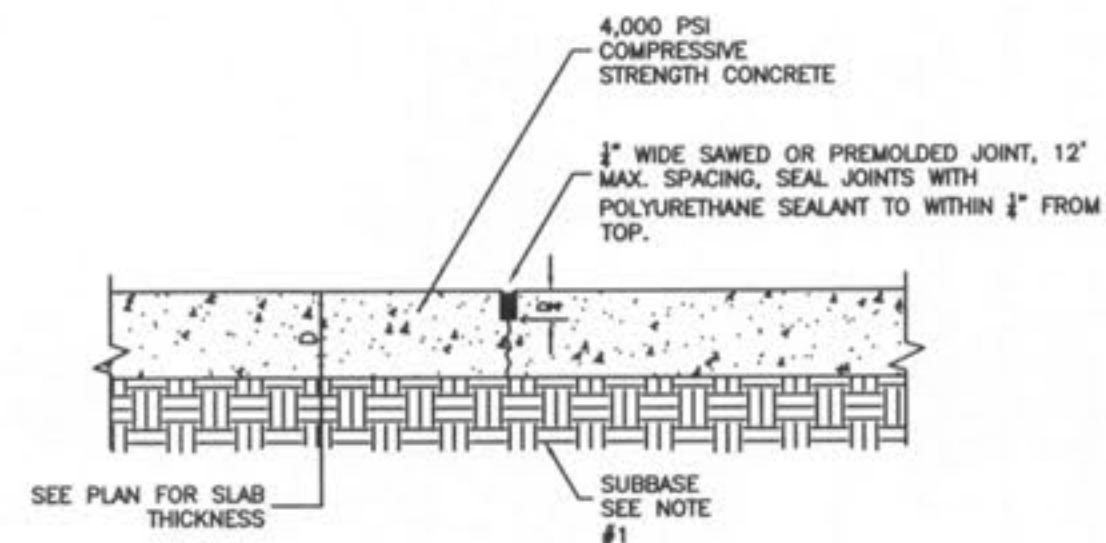


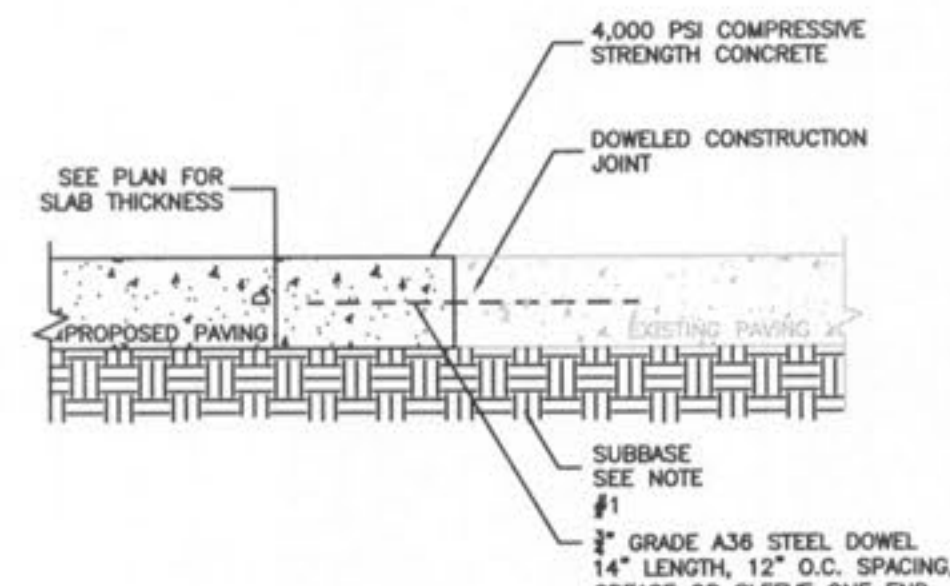
22 TYPICAL PAVEMENT SECTION
NOT TO SCALE

- NOTE: 1. GENERAL CONTRACTOR SHALL REFERENCE SITE SPECIFIC GEOTECHNICAL REPORT FOR PAVEMENT, AGGREGATE, AND SUBGRADE SECTION REQUIREMENTS.
2. MINIMUM PAVEMENT THICKNESS SHOULD BE 8\"/>



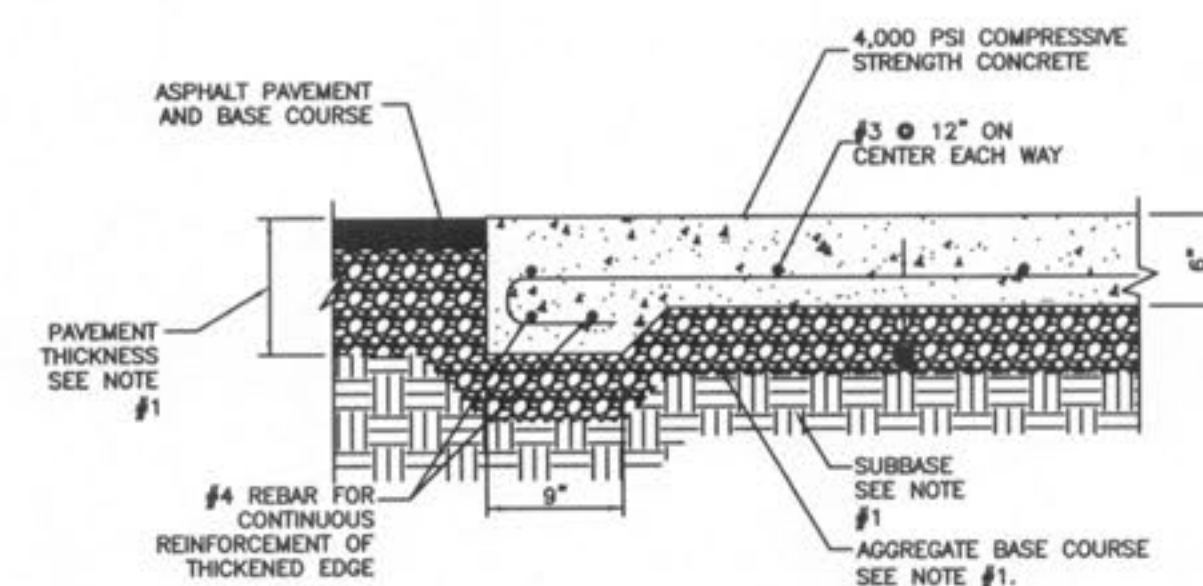
23 TRANSVERSE AND LONGITUDINAL CONTRACTION JOINT
NOT TO SCALE

- NOTE: 1. GENERAL CONTRACTOR SHALL REFERENCE GEOTECHNICAL REPORT FOR PAVEMENT SECTION REQUIREMENTS.



24 TRANSVERSE AND LONGITUDINAL DOWELED CONSTRUCTION JOINT
NOT TO SCALE

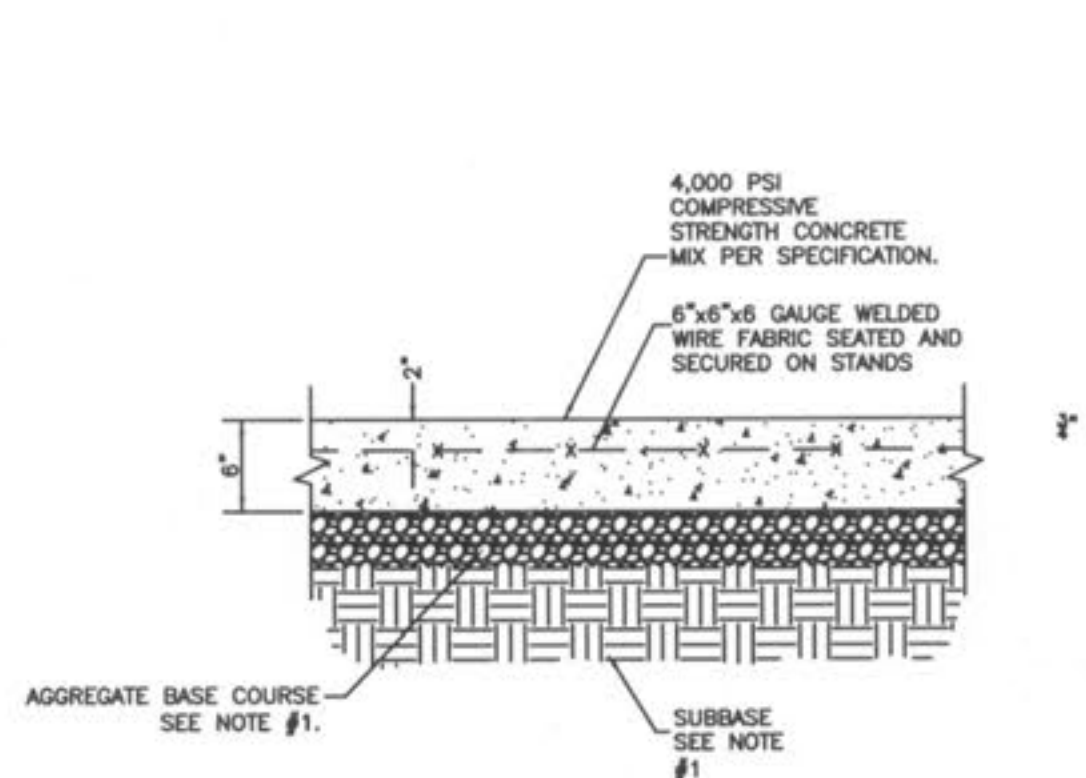
- NOTE: 1. GENERAL CONTRACTOR SHALL REFERENCE GEOTECHNICAL REPORT FOR PAVEMENT SECTION REQUIREMENTS.



25 CONCRETE APRON @ TRASH ENCLOSURE
NOT TO SCALE

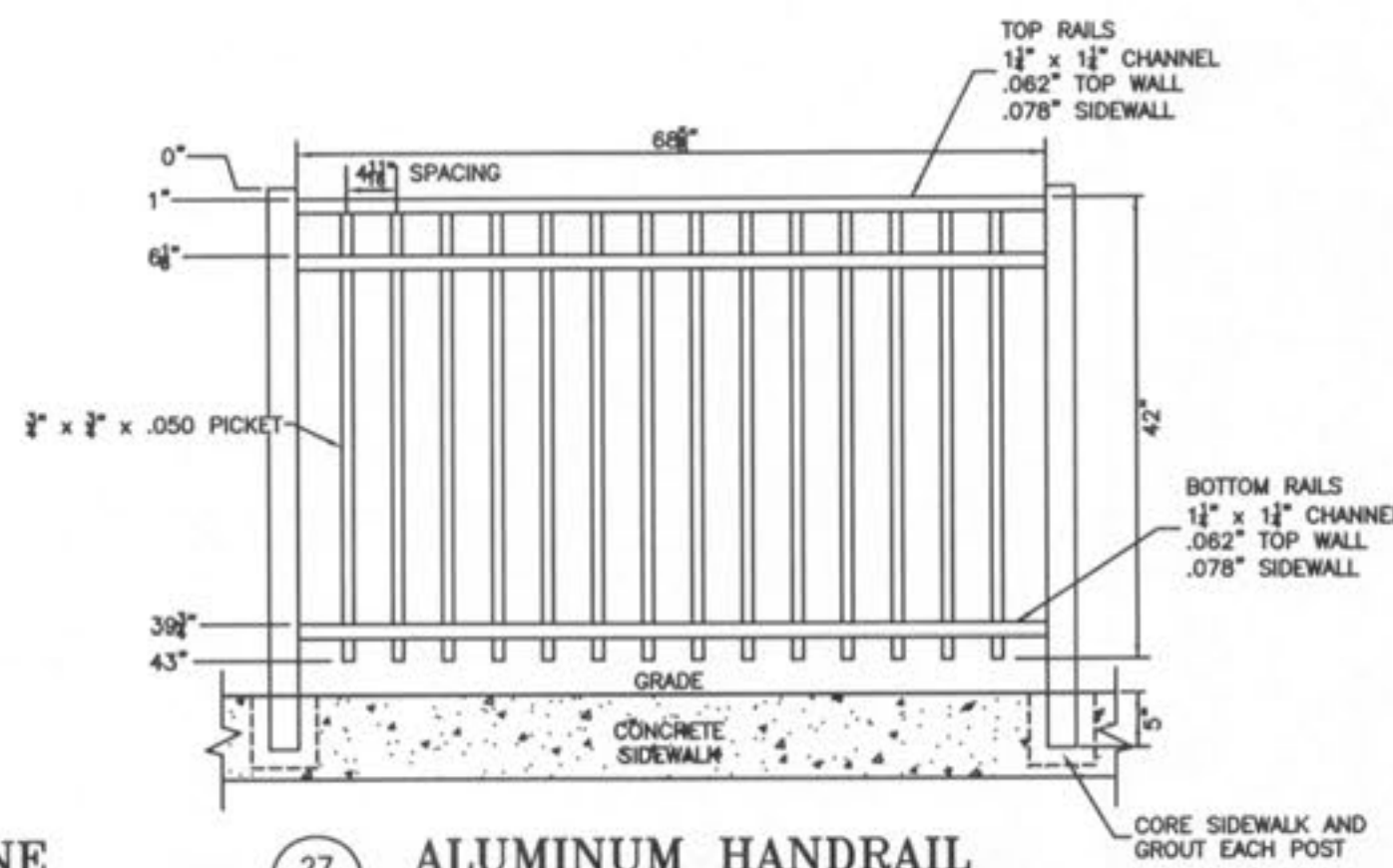
- NOTE: 1. GENERAL CONTRACTOR SHALL REFERENCE GEOTECHNICAL REPORT FOR PAVEMENT SECTION REQUIREMENTS.

ALL NON-REINFORCED CONCRETE SHALL BE 4,000 PSI AT 28 DAYS



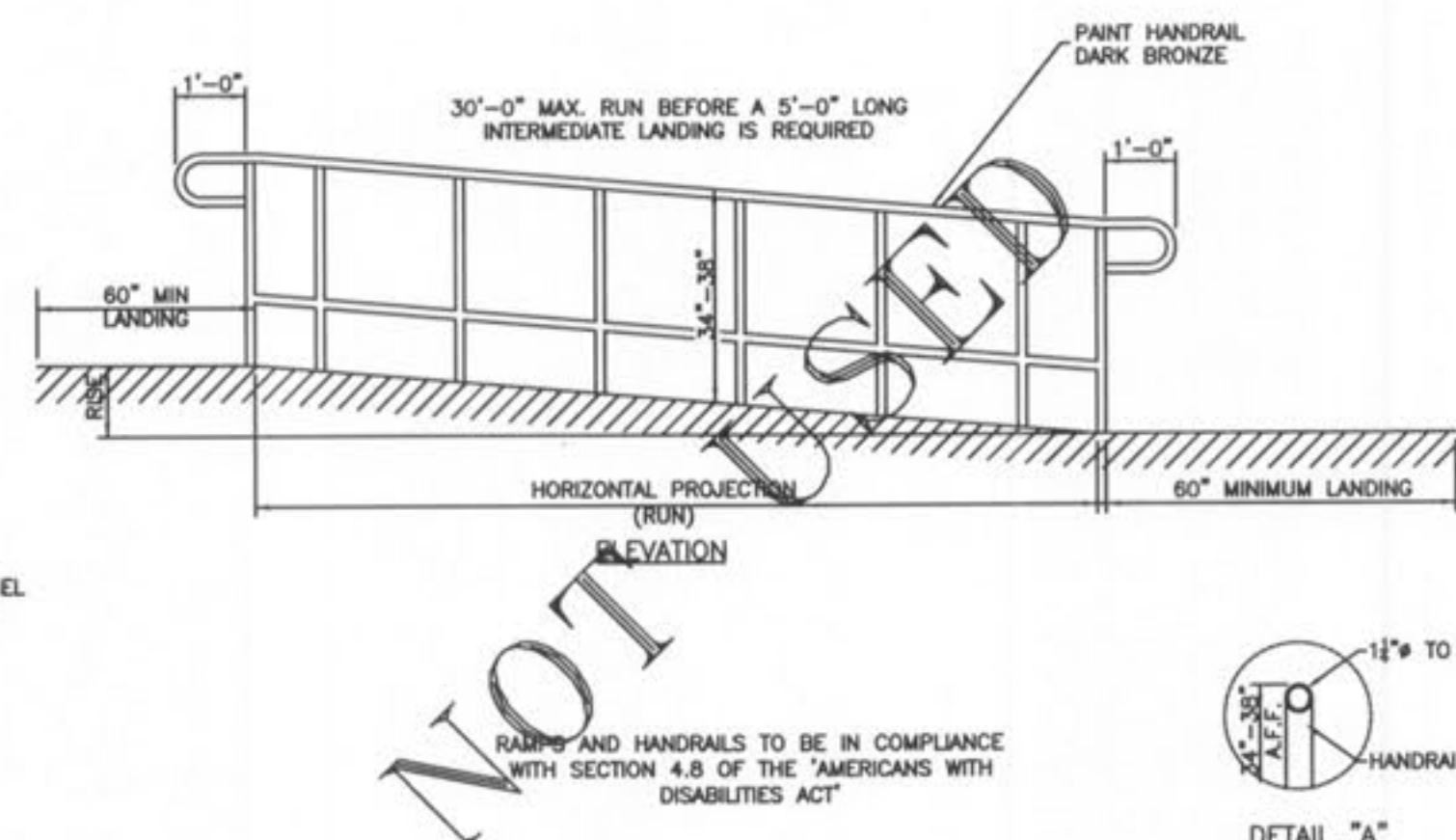
26 CONCRETE PAVING DRIVE-THRU LANE
NOT TO SCALE

- NOTE: 1. GENERAL CONTRACTOR SHALL REFERENCE GEOTECHNICAL REPORT FOR PAVEMENT SECTION REQUIREMENTS.



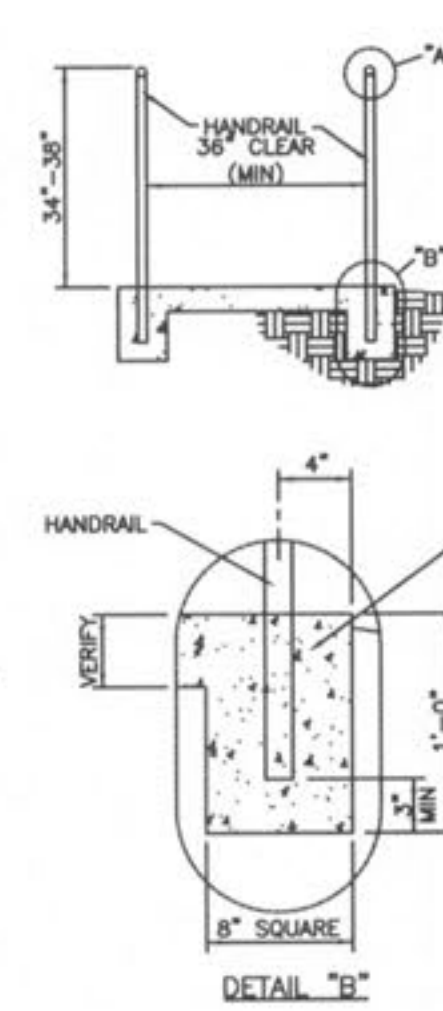
27 ALUMINUM HANDRAIL
NOT TO SCALE

- NOTE: 1. USE ONLY COMMERCIAL GRADE ALUMINUM FENCING WITH DARK BRONZE POWDER COAT FINISH



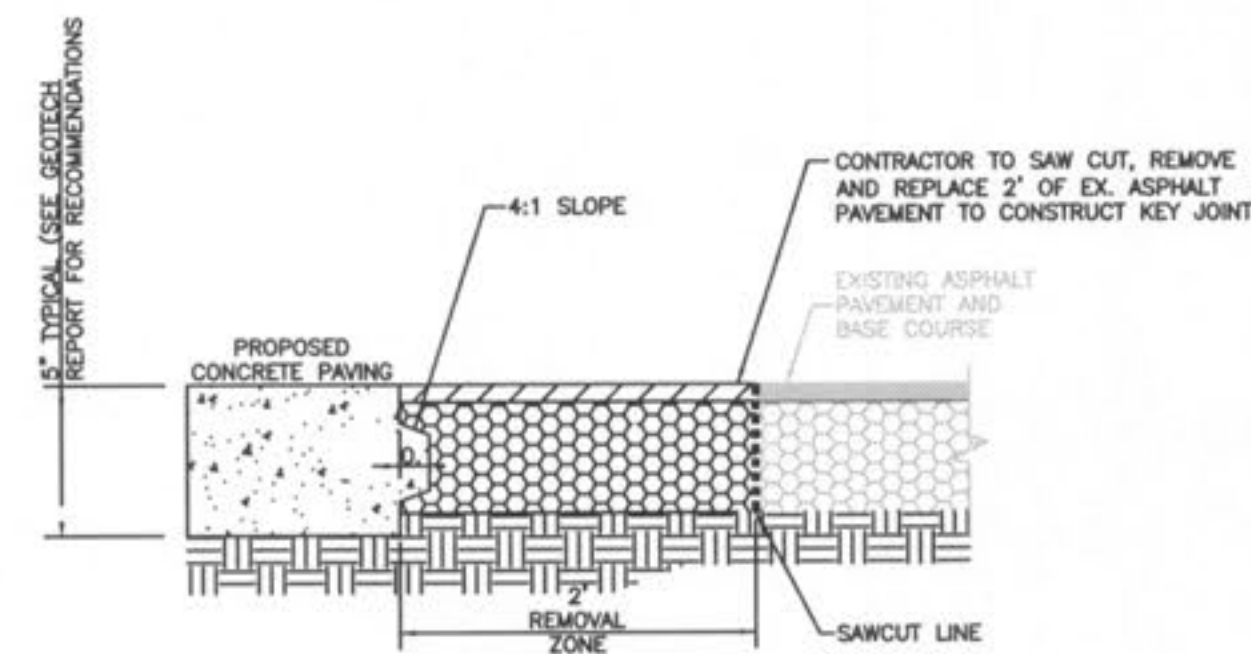
28 TYPICAL ADA RAMP AND HANDRAIL
NOT TO SCALE

- NOTE: 1. USE ONLY COMMERCIAL GRADE ALUMINUM FENCING WITH DARK BRONZE POWDER COAT FINISH

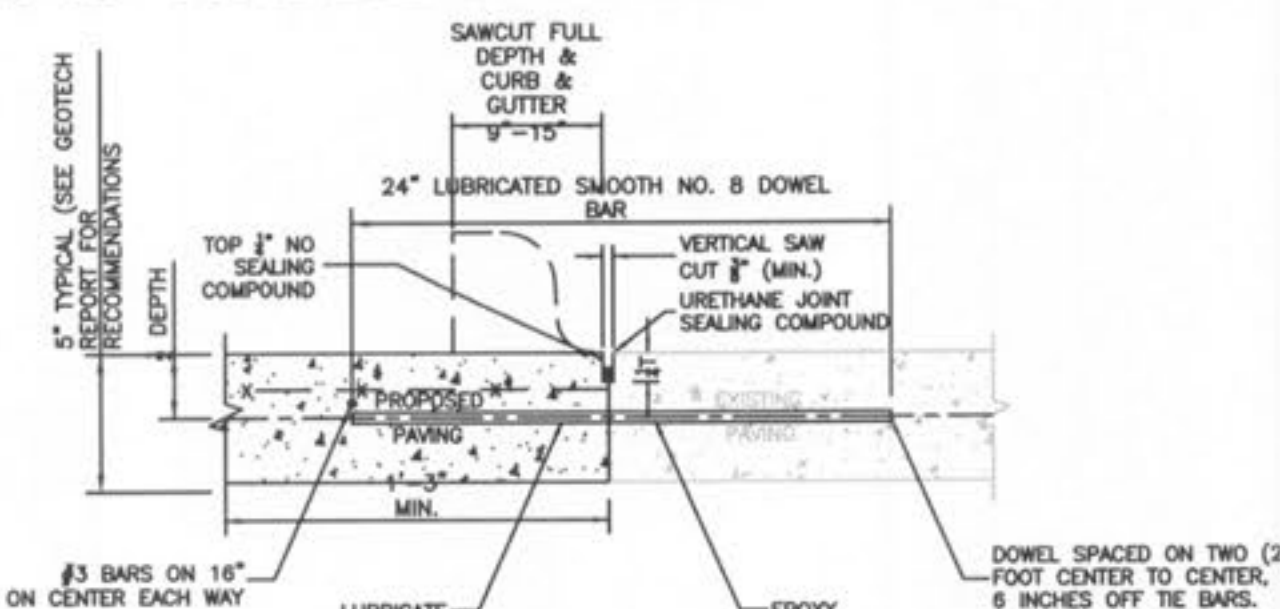


29 CONSTRUCTION JOINT
NOT TO SCALE

- NOTE: 1. GENERAL CONTRACTOR SHALL REFERENCE GEOTECHNICAL REPORT FOR PAVEMENT SECTION REQUIREMENTS.

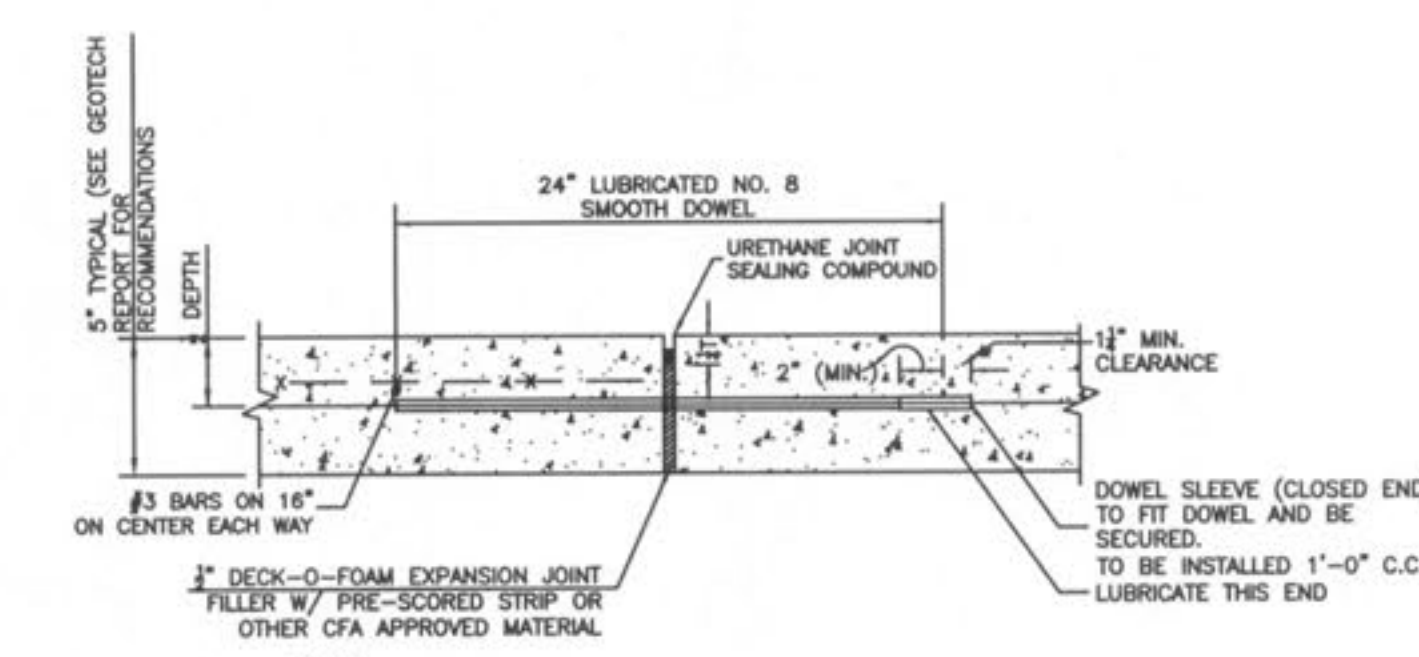


30 KEYED CONSTRUCTION JOINT
NOT TO SCALE



31 LONGITUDINAL BUTT JOINT
NOT TO SCALE

- NOTES: 1. NO. 5 SMOOTH DOWEL BAR MAY BE USED IN 5 INCH AND 6 INCH PAVEMENT THICKNESS.
2. LONGITUDINAL BUTT CONSTRUCTION MAY BE UTILIZED IN PLACE OF LONGITUDINAL HINGED (KEYWAY) JOINT AT CONTRACTORS OPTION.
3. DOWEL BARS SHALL BE DRILLED & EPOXIED INTO PAVEMENT HORIZONTALLY BY USE OF MECHANICAL EQUIP.
4. PUSHING DOWEL BARS INTO WET CONCRETE NOT ACCEPTABLE.



32 EXPANSION JOINT
NOT TO SCALE

- NOTES: 1. NO. 5 SMOOTH DOWEL BAR MAY BE USED IN 5 INCH AND 6 INCH PAVEMENT THICKNESS.
2. LONGITUDINAL BUTT CONSTRUCTION MAY BE UTILIZED IN PLACE OF LONGITUDINAL HINGED (KEYWAY) JOINT AT CONTRACTORS OPTION.
3. DOWEL BARS SHALL BE DRILLED INTO PAVEMENT HORIZONTALLY BY USE OF A MECHANICAL EQUIP.
4. DRILLING BY HAND IS NOT ACCEPTABLE, PUSHING DOWEL BARS INTO WET CONCRETE NOT ACCEPTABLE.

MAX. RISE/RUN FOR ACCESSIBLE RAMPS		
SLOPE	MAXIMUM RISE	MAXIMUM HORIZONTAL PROJECTION
1:12 TO < 1:16	30 INCHES	30 FEET
1:16 TO < 1:20	30 INCHES	40 FEET

RAMPS SECTION 4.8.1 - 4.8.3
**ANY PART OF AN ACCESSIBLE ROUTE WITH A SLOPE GREATER THAN 1:20 SHALL BE CONSIDERED A RAMP AND SHALL COMPLY WITH 4.8.
**THE LEAST POSSIBLE SLOPE SHALL BE USED FOR ANY RAMP.
**THE MINIMUM CLEAR WIDTH OF A RAMP SHALL BE 36\"/>

LANDINGS SECTION 4.8.4
**LEVEL LANDINGS WILL BE PROVIDED AT TOP AND BOTTOM OF EACH RAMP. LANDING LENGTH SHALL BE MIN. 60\"/>

HANDRAILS SECTION 4.8.5 AND 4.26
**IF A RAMP HAS A SLOPE GREATER THAN 5% AND A RISE GREATER THAN 6\"/>

CROSS SLOPE SECTION 4.8.6, 4.3.7
**THE CROSS SLOPE OF RAMP SURFACES SHALL BE NO GREATER THAN 1:50.
**NOWHERE SHALL THE CROSS SLOPE OF AN ACCESSIBLE ROUTE EXCEED 1:50.

THESE DETAILS APPLY TO CONCRETE PAVED LOTS

CHICK-FIL-A
O'FALLON, MO
(#2645)
FSR S08N-144-R
2106 HIGHWAY K
O'FALLON, MO
63366

GBC DESIGN, INC.
Akron, OH 44333-3886
Phone 330-896-0228
Fax 330-896-0228

CONTACT:
GARY R. ROUSE

ENGINEER SIGNATURE BLOCK

STATE OF MISSOURI
Professional Engineer
3/21/11

CHICK-FIL-A
5200 BUFFINGTON RD.
ATLANTA, GA 30349-2998
24 HOUR EMERGENCY CONTACT:
SCOTT D. PATMAN PH404-305-4594

CHICK-FIL-A CIVIL CONSTRUCTION DETAILS

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