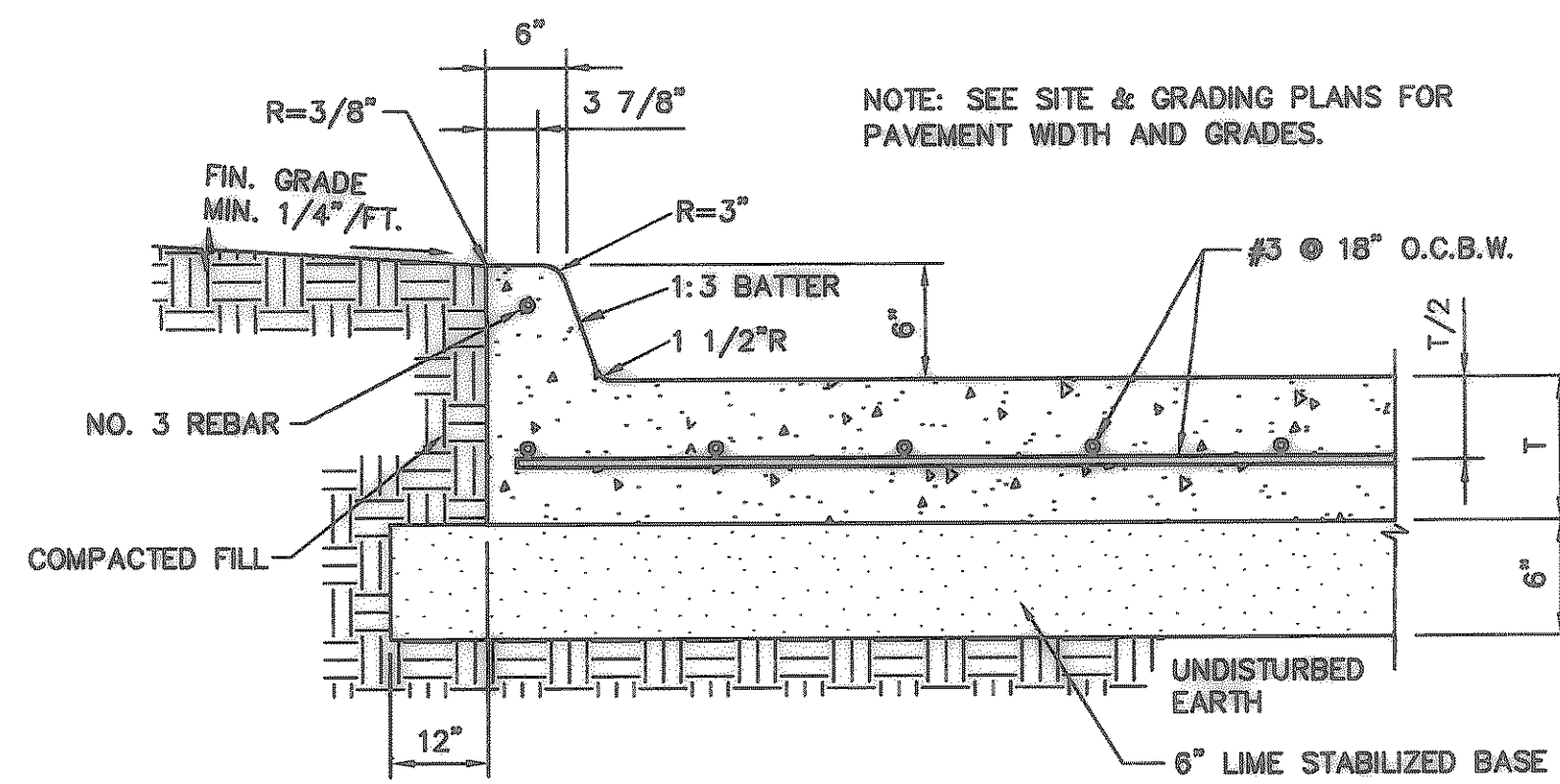
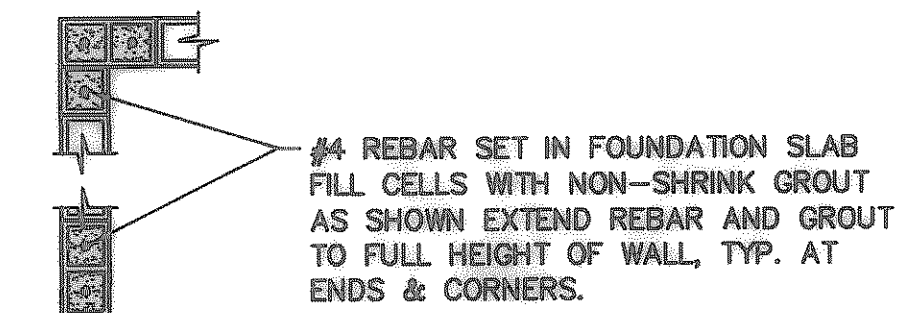


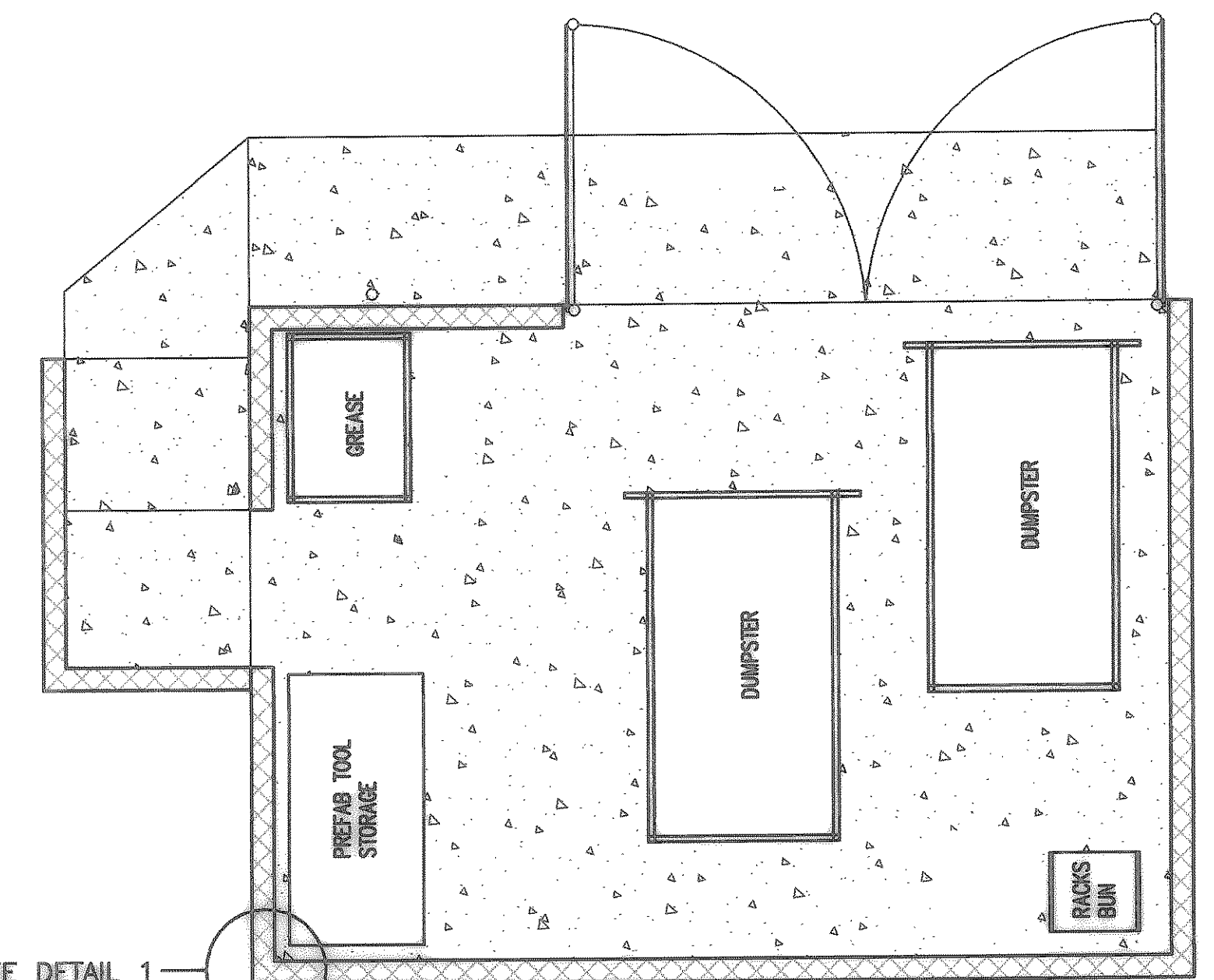
A SIDEWALK/CURB SECTION AT PAVING
SCALE: NONE



B CONC. PAVING W/MONOLITHIC CURB
SCALE: NONE



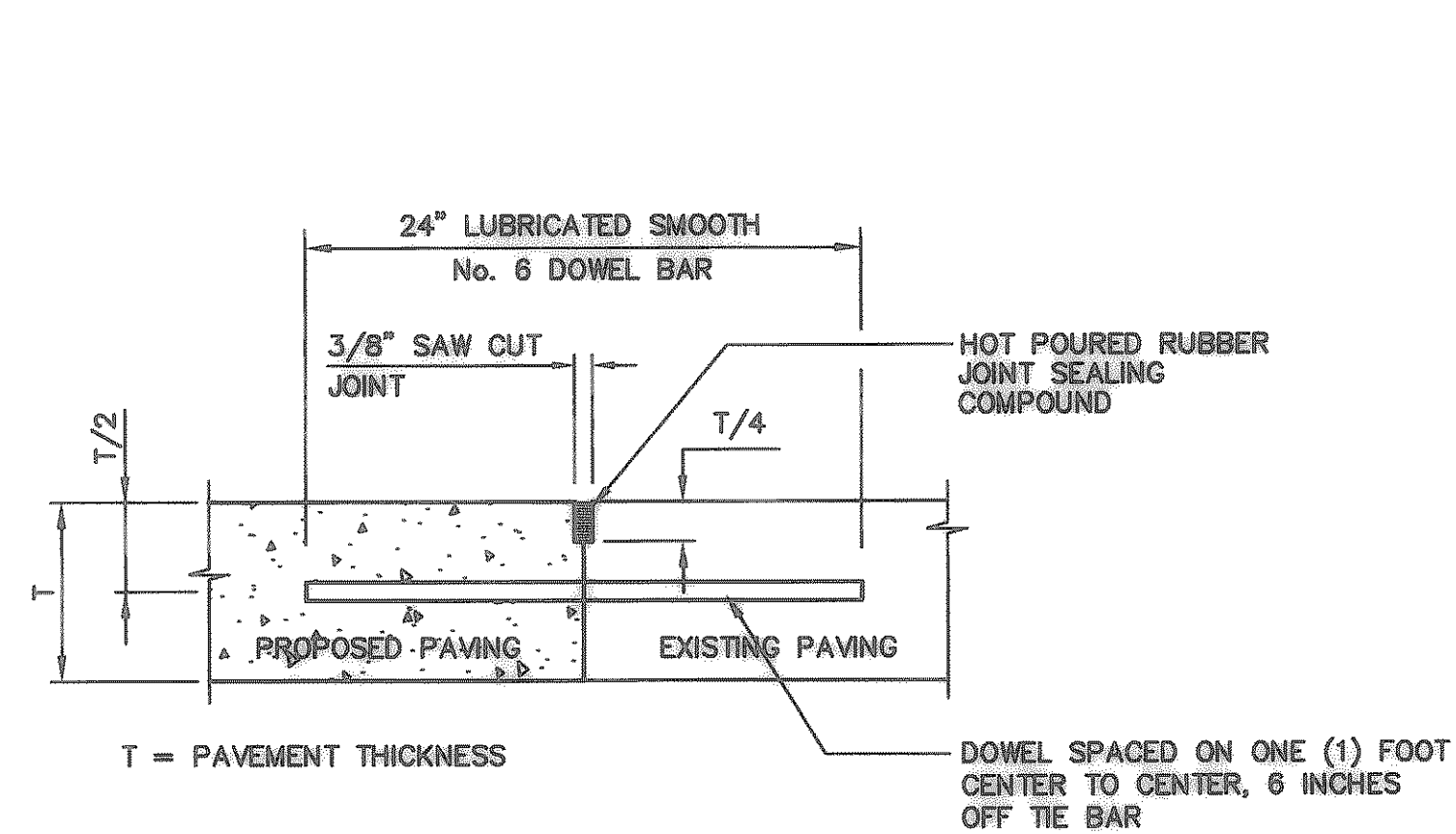
DETAIL 1
SCALE: NONE



SEE DETAIL 1 (TYP.)

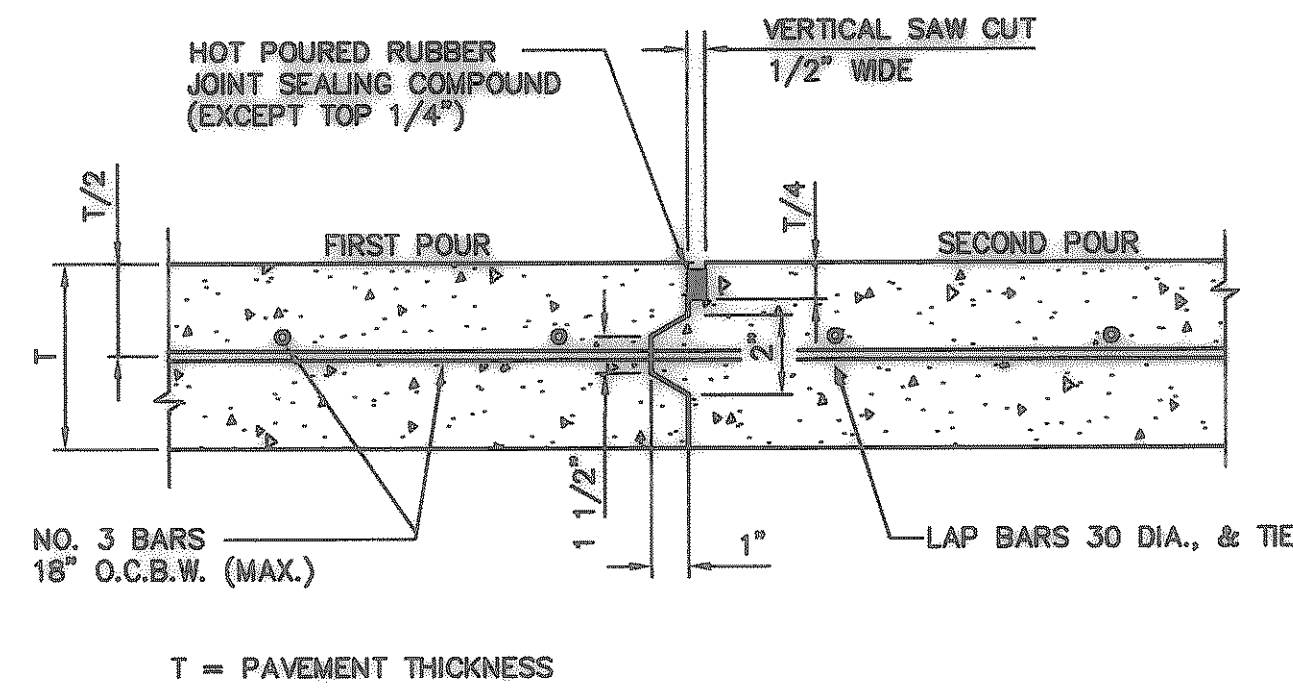
NOTE: REFER TO ARCHITECTURAL PLANS FOR PROPER LAYOUT AND DIMENSIONING. REFER TO SHEET C14 FOR LOCATION.

H PLAN - DUMPSTER SCREENING
SCALE: NONE



DOWEL BARS SHALL BE DRILLED MIN. 12\"/>

C LONGITUDINAL BUTT JOINT
SCALE: NONE



D CONSTRUCTION JOINT
SCALE: NONE

TABLE "A" - CONCRETE PAVEMENT DESIGN **

PAVEMENT AREA	MINIMUM THICKNESS	MIN. COMPRESSIVE STRENGTH *	MINIMUM LIME	CONTROL JOINT
FIRE LANE	6"	3800 PSI ***	6%	15'
PARKING	5"	3000 PSI	6%	12.5'
DUMPSTER	7"	3600 PSI ***	6%	15'

- * AT 28 DAYS
- ** MIX DESIGN: NOM. MAX. AGG. SIZE OF 1 TO 1-1/2 INCHES; 5% (±1%) AIR ENTRAINMENT; MAX. W/C RATIO OF 0.50; NOM. SLUMP: 3-4 INCHES
- *** 6 SACK MACHINE FINISH/PLACEMENT
6 1/2 SACK HAND FINISH/PLACEMENT

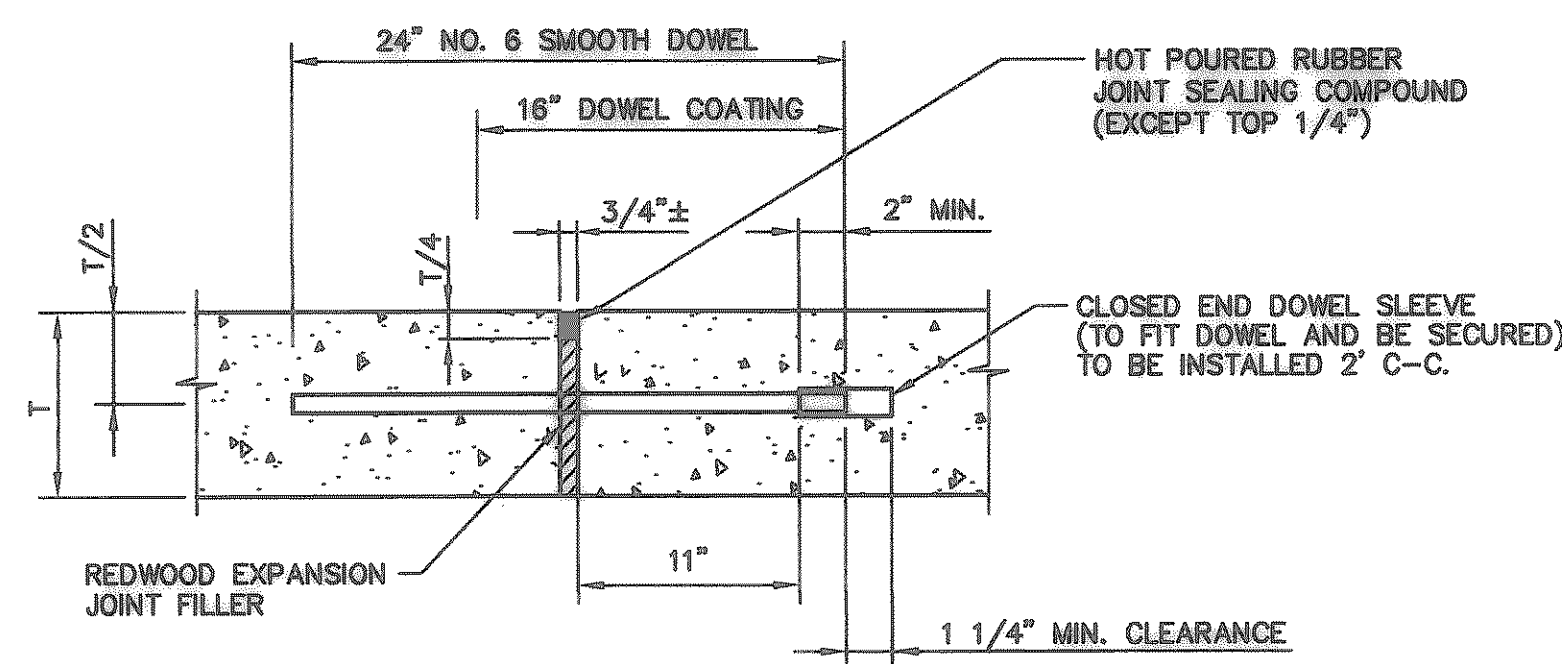
NOTES:

A. GENERAL

1. SEE CITY OF ROCKWALL'S STANDARD CONSTRUCTION DETAILS. IN CASE OF A CONFLICT THE CITY OF ROCKWALL'S STANDARD CONSTRUCTION DETAILS SHALL GOVERN.
2. SEE ROCKWALL STANDARD CONSTRUCTION DETAILS FOR BARRIER FREE RAMPS.
3. ALL FILL TO BE COMPACTED WITH SHEEPS-FOOT ROLLER.
4. NO SAND UNDER PAVEMENT.

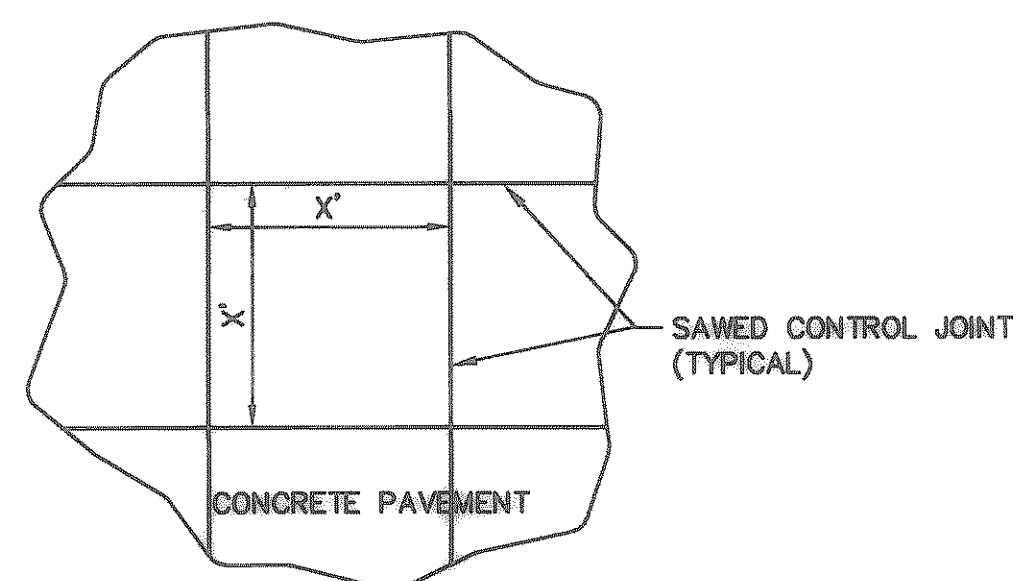
B. REINFORCED CONCRETE WORK

1. ALL CURBS SHALL BE PLACED INTEGRAL WITH PAVEMENT AND SHALL MEET THE SAME STRENGTH AS SPECIFIED FOR THE CONCRETE PAVEMENT; USE TYPE I CEMENT.
2. ALL REINFORCING STEEL SHALL BE NEW BULLET, ASTM A615, GRADE 60 DEFORMED DOMESTIC BARS. ALL DETAILING, FABRICATION, PLACING, AND SUPPORTING SHALL BE IN ACCORDANCE WITH LATEST ACI STANDARD 318 AND CRSI.
3. ALL DOWELS SHALL BE OF THE SAME SIZE AND SPACING AS ADJOINING MAIN BARS (MIN. LAP 40 BAR DIAS.). THE MINIMUM SPLICE OF ALL CONTINUOUS BARS SHALL BE 40 BAR DIAS. (2 FT. MIN.). PROVIDE CONTINUOUS CORNER BARS.
4. ALL REINFORCING BARS, W/F, DOWELS, INSERTS, ETC. SHALL BE RIGIDLY SECURED IN POSITION PRIOR TO PLACING CONCRETE BY FURNISHING AND PLACING BAR CHAIRS.
5. CLEAR MINIMUM COVERAGE OF CONCRETE OVER REINFORCING BARS SHALL BE AS FOLLOWS:
CONCRETE CAST AGAINST EARTH.....3"
FORMED CONCRETE AGAINST EARTH.....2"
6. WELDED WIRE FABRIC (W/F) REINFORCEMENT SHALL BE LAPPED ONE FULL MESH AT SPLICES AND THE WIRE SHALL BE TIED TOGETHER.
7. ALL FILL SHALL BE COMPACTED TO BETWEEN 95% AND 100% OF STANDARD PROCTOR ASTM D698 DENSITY BETWEEN OPTIMUM AND 5% ABOVE OPTIMUM MOISTURE CONTENT; PLACE FILL IN LOOSE LIFTS NOT EXCEEDING 8 INCHES.
8. CONCRETE USED FOR PAVING, RETAINING WALLS, AND OTHER STRUCTURAL ITEMS SHALL BE CLASS A AND HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS, OR AS OTHERWISE NOTED IN TABLE "A", THIS SHEET.
9. PROVIDE A MINIMUM 6" LIME STABILIZED SUBGRADE UNDER ALL PAVEMENT WITH AT LEAST 6% HYDRATED LIME BY DRY UNIT WEIGHT OF SOIL, AND COMPACTED TO A DENSITY NOT LESS THAN 95 PERCENT AT OR ABOVE OPTIMUM MOISTURE CONTENT. UNSTABLE, SOFT OR SPONGY AREAS SHOULD BE PROFILESOLLED, AND IF NECESSARY REMOVED AND REPLACED WITH STRUCTURALLY STABLE MATERIAL. ALLOW ADEQUATE TIME FOR LIME/SOIL MIXTURE TO CURE BETWEEN INITIAL AND FINAL MIXINGS.
10. SELECT STRUCTURAL AND OTHER FILL SHALL BE SANDY CLAYS TO CLAYEY SANDS AND BE FREE FROM STONES, ORGANICS, AND MUD. PI SHALL BE BETWEEN 5 AND 15 AND LL SHALL BE LESS THAN 40.
11. THE CONTRACTOR SHALL COORDINATE AND CONFIRM ALL WORK WITH ARCHITECTURAL, STRUCTURAL AND MEP PLANS PRIOR TO CONCRETE FORMWORK AND UTILITIES INSTALLATION.
12. PAVING DESIGN THICKNESS SHOWN IN TABLE "A" ARE MINIMUM AND ARE PROVIDED WITHOUT THE BENEFIT OF A COMPLETED SOILS ANALYSIS REPORT. THE ENGINEER RESERVES THE RIGHT TO MODIFY FINAL PAVING DESIGN AS PER THE FINAL SOILS ANALYSIS REPORT WHEN AND IF AVAILABLE.
13. IT IS RECOMMENDED BY THE ENGINEER THAT OWNER RETAIN A QUALIFIED TESTING LABORATORY TO TAKE MATERIAL SAMPLES AND PERFORM TESTING THROUGHOUT THE CONSTRUCTION PROCESS. COPIES OF ALL TEST SHOULD BE PROVIDED TO THE ENGINEER.

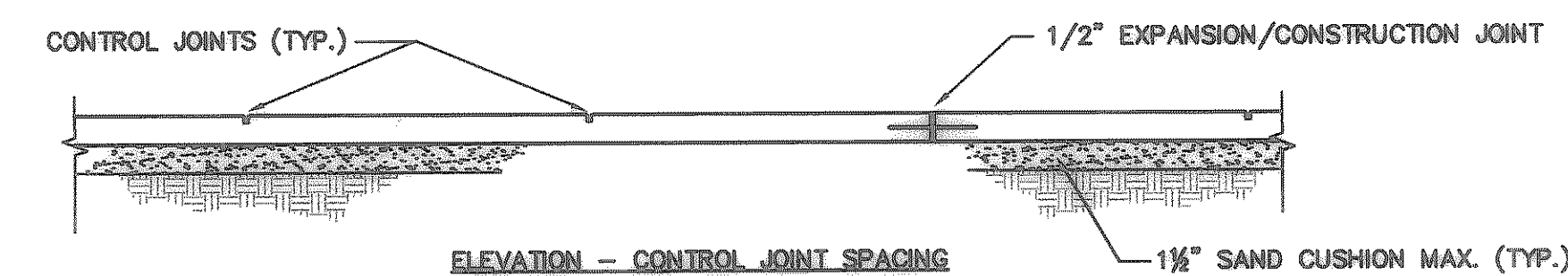
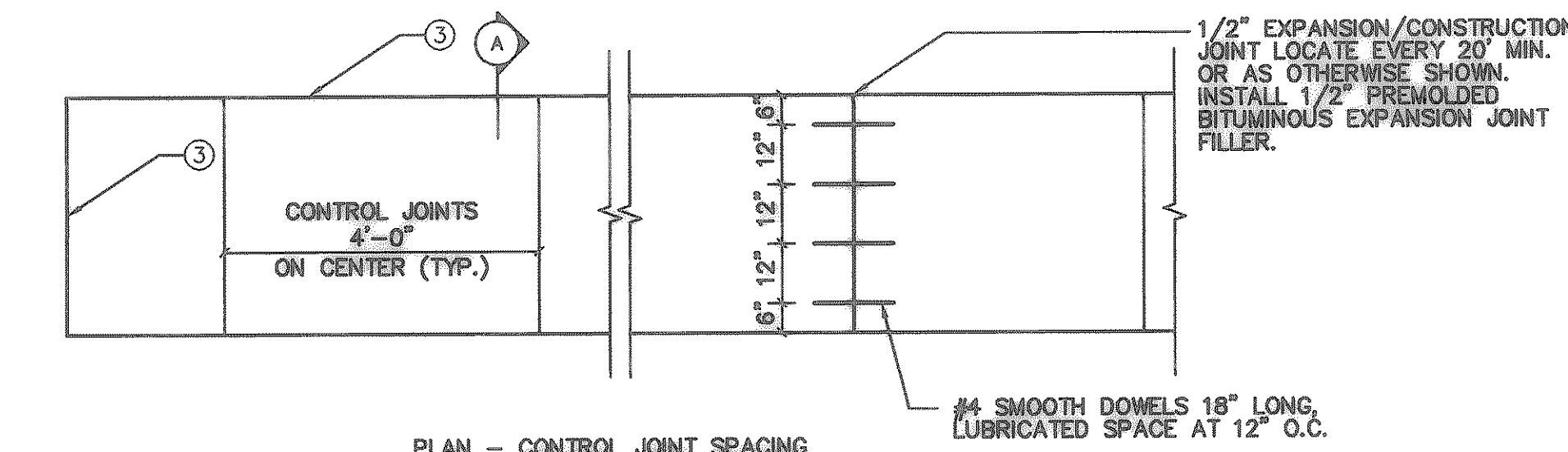
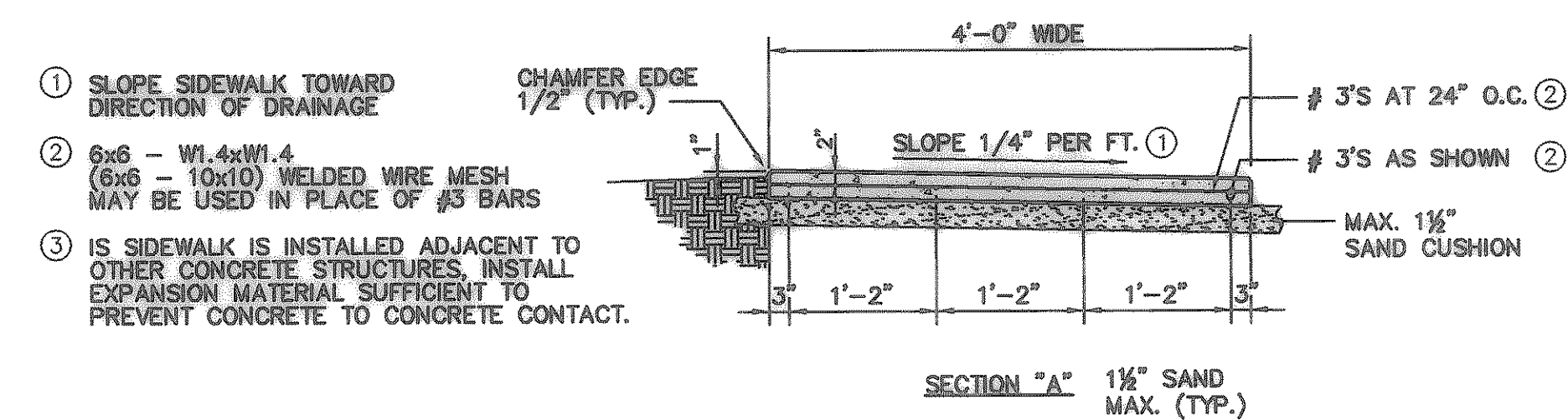


E SAWED DUMMY JOINT
SCALE: NONE

F TRANSVERSE EXPANSION JOINT
SCALE: NONE
(SPACED 600 FT. MAXIMUM; LOCATE AT STRUCTURES AND INTERSECTION PC'S AND PT'S.)



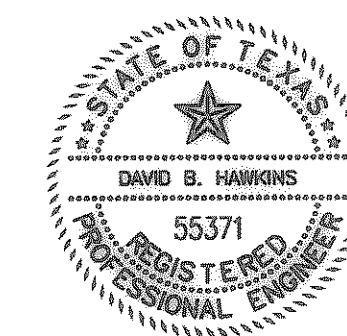
G PLAN - CONTROL JOINT SPACING
SCALE: NONE



J SIDEWALK ALONG RIGH-OF-WAY
SCALE: NONE

RECORD DRAWINGS

THESE RECORD DRAWINGS HAVE BEEN PREPARED BASED ON INFORMATION PROVIDED BY OTHERS. THE ENGINEER HAS NOT VERIFIED THE ACCURACY OF THIS INFORMATION AND SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH MAY BE INCORPORATED HEREIN AS A RESULT OR WHICH MAY BE ASSOCIATED WITH THE INFORMATION PROVIDED.



By: [Signature] Date: 9/16/02

PAVING DETAILS

SCALE: 1" = 50"

GENERAL REVISIONS

NOTE: CONSTRUCTION SHALL COMPLY WITH CITY OF ROCKWALL CONSTRUCTION STANDARDS AND GENERAL NOTES. WHERE VARIATIONS EXIST BETWEEN MISCELLANEOUS DETAILS SHOWN AND THE CITY OF ROCKWALL CONSTRUCTION STANDARDS, THE CITY OF ROCKWALL CONSTRUCTION STANDARDS SHALL GOVERN.

REVISION	DATE	DESCRIPTION	BY
3	11/25/02	GENERAL REVISIONS	JTB
2	9/16/02	GENERAL REVISIONS	JTB
1	8/16/02	GENERAL REVISIONS	JTB

JOHN E. HAWKINS & ASSOCIATES, INC.
CONSULTING ENGINEERS SINCE 1957
103 E. VIRGINIA ST. SUITE 206
MCKINNEY, TEXAS 75069, 972-548-2678

**JAMES LITTLEPAGE
CULVER'S RESTAURANT
PAVING DETAILS**

Scale: NONE Date: AUG '02 Job No: 776.2
Den. By: JTB Dwn. By: AEP Ckd. By: JTB

SHEET NO. C16