

APPENDIX F

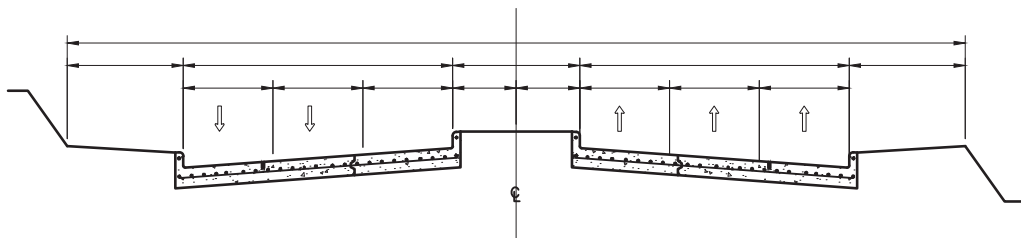
STANDARD CONSTRUCTION DETAILS:
PAVING*

**APPENDIX F - STANDARD CONSTRUCTION DETAILS:
PAVING**

**STANDARD
CONSTRUCTION
DETAILS**

PAVING

REVISED -MAY 2017



DEPARTMENT OF ENGINEERING

ALLEN LAND DEVELOPMENT CODE

TABLE OF CONTENTS

PAVING

GENERAL NOTES	SD-PO1
REINFORCED CONCRETE PAVEMENT	SD-P02
PARABOLIC PAVEMENT CROWN	SD-P03
M4D PAVEMENT	SD-P04
M4D, M6D PAVEMENT	SD-P05
CURB AND GUTTER	SD-P06
ASPHALT PAVING CROSS SECTION	SD-P07
GENERAL NOTES FOR ALLEYS AND DRIVEWAYS	SD-P08
ALLEY SECTIONS	SD-P09
ALLEY TURN 75° OR GREATER	SD-P10
ALLEY TURN 30° - 75°	SD-P11
ALLEY INTERSECTING ALLEY	SD-P12
ALLEY TURN 60°- 120°	SD-P13
ALLEY RETURN DETAILS	SD-P14
EXISTING ALLEY RETURN MODIFICATIONS (CONCRETE)	SD-P15
EXISTING ALLEY RETURN MODIFICATIONS (ASPHALT)	SD-P16
ALLEY ENTRANCE ONTO EXISTING STREET	SD-P17
MEDIAN DETAILS	SD-P18
MEDIAN PAVING STONE DETAIL	SD-P19
MEDIAN MAINTENANCE ACCESS (MEDIAN CURB LAY-DOWN)	SD-P20
STREET HEADER	SD-P21
PAVEMENT REPAIR HEADER	SD-P22
RAIL HEADER	SD-P23
JOINT DETAILS	SD-P24
CONCRETE BUTT JOINT	SD-P25
TRANSVERSE EXPANSION JOINT	SD-P26
SPACING DIAGRAM FOR TRANSVERSE JOINTS	SD-P27
INTERSECTION CONDUIT LAYOUT	SD-P28
TYPICAL CONTOURS FOR MAJOR-MAJOR INTERSECTION	SD-P29
CONCRETE SIDEWALK	SD-P30
CONCRETE SIDEWALK (CONTINUED)	SD-P31
SIDEWALK BRICK PAVERS	SD-P32
CURB AND LEAD WALK REPAIR	SD-P33
BARRIER FREE RAMPS TYPE "A" & "B"	SD-P34
BARRIER FREE RAMPS TYPE "C" & "D"	SD-P35
BARRIER FREE RAMPS TYPE "E"	SD-P36
BARRIER FREE RAMPS TYPE "F"	SD-P37
BARRIER FREE RAMPS TYPE "G"	SD-P38
BARRIER FREE RAMPS TYPE "H"	SD-P39
BARRIER FREE GENERAL NOTE & DETECTABLE SURFACE	SD-P40
BARRIER FREE RAMPS, DRIVEWAYS & ALLEYS	SD-P41
DRIVEWAY RETURN DETAILS, STREET (RESIDENTIAL & COMMERCIAL)	SD-P42
SIDEWALKS AND DRIVEWAYS	SD-P43
DRIVEWAY RETURN FOR ALLEY	SD-P44
STREET CONNECTION	SD-P45
SIDEWALK FLUME DETAIL	SD-P46
ALTERNATE STREET R.O.W. SECTION FOR MOUNTABLE CURB	SD-P47
MAILBOX DETAIL	SD-P48

APPENDIX F - STANDARD CONSTRUCTION DETAILS: PAVING

GENERAL NOTES

- A. GENERAL:
PAVEMENT THICKNESS IS AS SHOWN IN ITEM G. SUBGRADE DESIGN SHALL CONFORM TO CITY OF ALLEN DEPARTMENT OF ENGINEERING REQUIREMENTS IN ITEM C AND SHALL EXTEND 12" MIN. BEHIND THE BACK OF CURB.
- B. REINFORCED CONCRETE PAVEMENT:
1. CONCRETE STRENGTH SHALL BE SHOWN IN ITEM G (NCTCOG LATEST EDITION).
2. ALL CURBS SHALL BE INTEGRAL WITH PAVEMENT AND SHALL BE OF THE SAME STRENGTH AS CONCRETE PAVEMENT.
3. DETAIL AND ARRANGEMENT OF PAVEMENT JOINTS SHALL BE AS SHOWN ON SHEET SD-P04 AND SD-P05.
4. BAR LAPS SHALL BE THIRTY DIAMETERS.
- C. SUBGRADE:
SUBGRADE UNDER ALL PAVEMENT SHALL BE 6" THICK AND SHALL BE STABILIZED WITH AT LEAST 30 LBS/SY HYDRATED LIME COMPACTED TO A DENSITY NOT LESS THAN 95%. LABORATORY TEST MUST BE SUBMITTED TO THE ENGINEERING DEPARTMENT FOR APPROVAL TO DETERMINE AMOUNT OF LIME REQUIRED. LABORATORY TEST MAY BE WAIVED PROVIDED AT LEAST 36 LBS OF LIME/SY IS USED. SEE ITEM 4.6.4 SPECIAL PROVISIONS.
- D. BAR CHAIRS OR AN APPROVED DEVICE SHALL BE FURNISHED.
- E. NO TRAFFIC ON FINISHED SUBGRADE SHALL BE PERMITTED AFTER REINFORCING STEEL IS INSTALLED ABOVE GRADE. NO TRAFFIC SHALL BE PERMITTED BEFORE OR DURING THE PLACING OF CONCRETE.
- F. CROSS SLOPE OF STRAIGHT CROWN STREETS SHALL BE 2% UNLESS APPROVED BY CITY ENGINEER. (SEE SD-P03). ALL SIDEWALK CROSS SLOPE SHALL BE 1% MINIMUM AND IN NO CASE SHALL NOT EXCEED 2%. (ZERO TOLERANCE) TO MEET ACCESSIBILITY REQUIREMENTS.
- G. PAVEMENT THICKNESS AND STRENGTHS SHALL BE AS FOLLOWS:
M8D - 9" CLASS "C" W/ #4 REBAR (4/8") ON 12" CENTERS EACH WAY
M6D - 9" CLASS "C" W/ #4 REBAR (4/8") ON 12" CENTERS EACH WAY
M4D - 9" CLASS "C" W/ #4 REBAR (4/8") ON 12" CENTERS EACH WAY
C4D - 7" CLASS "C" W/ #4 REBAR (4/8") ON 12" CENTERS EACH WAY
C2U - 7" CLASS "C" W/ #4 REBAR (4/8") ON 12" CENTERS EACH WAY
R2U - 6" CLASS "C" W/ #3 REBAR (3/8") ON 12" CENTERS EACH WAY
FIRE LANES - 6" CLASS "C" W/ #3 REBAR (3/8") ON 12" CENTERS EACH WAY
SIDEWALKS & BFRs - 4" CLASS "C" W/ #3 REBAR (3/8") ON 12" CENTERS EACH WAY
DRIVE APPROACH - 6" CLASS "C" W/ #3 REBAR (3/8") ON 12" CENTERS EACH WAY
ALLEY - 4", 6" & 8" CLASS "C" W/ #3 REBAR (3/8") ON 12" CENTERS EACH WAY
- H. CLASS "C" CONCRETE SHALL BE 3600 PSI COMP AS DEFINED BY NCTCOG.
- I. ALL MEDIANS AND PARKWAYS SHALL BE PROVIDED WITH BERMUDA GROUND COVER.
- J. ONCE A CURB ABUTTING A THOROUGHFARE HAS BEEN SAWCUT AND REMOVED, THE CONTRACTOR MUST REPLACE THE CONCRETE WITH A NEW POUR (i.e. DRIVEWAY) WITHIN 14 CALENDAR DAYS. LIQUIDATED DAMAGES WILL BE ASSESSED AT \$500 PER DAY FOR EACH CALENDAR DAY IN EXCESS OF 14 CALENDAR DAYS. PAYMENT SHALL BE MADE PRIOR TO ACCEPTANCE OR ISSUANCE OF A CERTIFICATE OF OCCUPANCY.



GENERAL NOTES

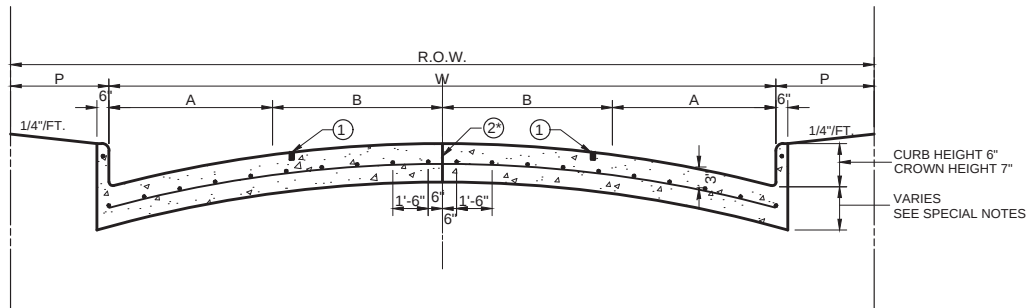
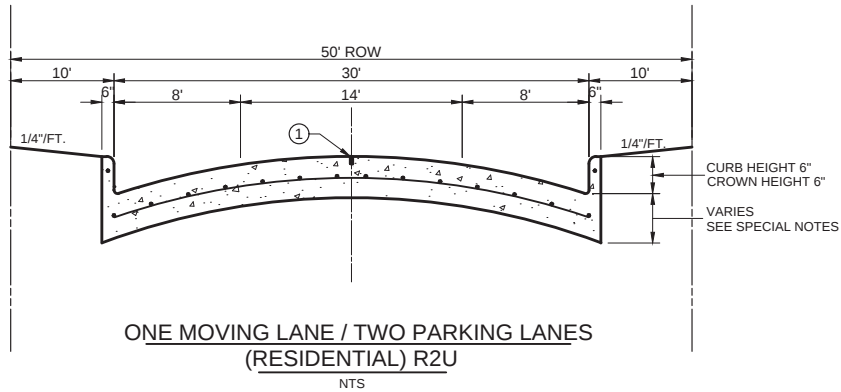
STANDARD CONSTRUCTION DETAILS PAVING

DATE:
MAY 1991

REV DATE:
FEB 2017

SHEET :
SD-P01

ALLEN LAND DEVELOPMENT CODE



* FULL WIDTH PAVEMENT OF 36' WIDTH STREETS IS ALLOWED WHERE APPROVED BY THE CITY OF ALLEN.

STREET TYPE	STREET WIDTH (W)	A	B	R.O.W. WIDTH	P
C2U	36' *	8'	10'	60'	12'
COLLECTOR	44'	10'	12'	70'	13'
COLLECTOR	48'	12'	12'	70'	11'

FOUR MOVING LANES OR
TWO MOVING LANES / TWO PARKING LANES
NTS

- ① SAWED LONGITUDINAL DUMMY JOINT.
- ② CONSTRUCTION JOINT (FULL WIDTH PAVEMENT IS ALLOWED WHERE APPROVED BY ENGINEERING DEPT.
- ③ ALL REINFORCING BARS SHALL FOLLOW GENERAL NOTES SD-P01 "G" FOR SIZE AND SPACING.
- ④ A No. 3 BAR, CONTINUOUS, SHALL BE PROVIDED FOR CURB REINFORCEMENT.



REINFORCED CONCRETE
PAVEMENT

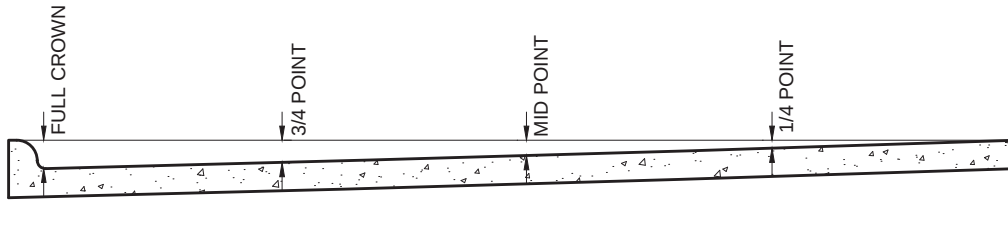
STANDARD CONSTRUCTION DETAILS
PAVING

DATE:
MAY 1991

REV DATE:
MAY 2017

SHEET :
SD-P02

APPENDIX F - STANDARD CONSTRUCTION DETAILS: PAVING



SLIP-FORM PAVEMENT MUST MEET CROWN GRADES AT GUTTERS,
AT MID-POINTS AND CENTERLINE. WIDTHS OF PAVEMENT ARE FACE TO FACE.

ROADWAY WIDTH (W)	TOTAL CROWN HEIGHT	3/4 POINT	MID-POINT	1/4 POINT
30'	6"	3 - 3/8"	1 - 1/2"	3/8"
36'	7"	3 - 7/8"	1 - 3/4"	3/8"
44'	7"	3 - 7/8"	1 - 3/4"	1/2"
48'	7"	3 - 7/8"	1 - 3/4"	1/2"
60'	7"	3 - 7/8"	1 - 3/4"	1/2"
2-34'	5"	3 - 3/8"	1 - 1/2"	3/8"

TABLE OF CROWN HEIGHTS AND ORDINATES
FOR VARIOUS PARABOLIC SECTIONS
NTS



PARABOLIC PAVEMENT CROWN

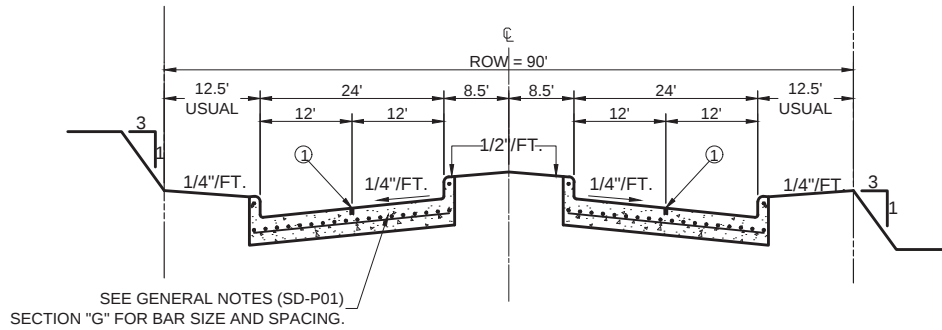
STANDARD CONSTRUCTION DETAILS
PAVING

DATE:
MAY 1991

REV DATE:
AUG. 2006

SHEET :
SD-P03

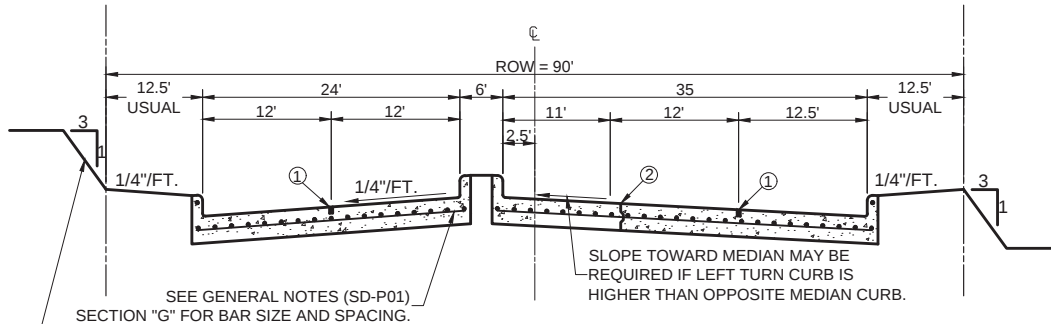
ALLEN LAND DEVELOPMENT CODE



SEE GENERAL NOTES (SD-P01)
SECTION "G" FOR BAR SIZE AND SPACING.

**M4D PAVEMENT
REGULAR SECTION**
NTS

- ① SAWED LONGITUDINAL DUMMY JOINT
- ② CONSTRUCTION JOINT (FULL WIDTH PAVEMENT IS ALLOWED WHERE APPROVED BY THE CITY OF ALLEN). DELETE IF PAVING IS 25 FT. WIDTH TO BE WIDENED LATER. INSTALL CURB IF PAVING IS LESS THAN FULL WIDTH OF 33'-36'.
- ③ A NUMBER 3 BAR CONTINUOUS SHALL BE PROVIDED FOR CURB REINFORCEMENT



SEE GENERAL NOTES (SD-P01)
SECTION "G" FOR BAR SIZE AND SPACING.

MINIMUM 6" TOP SOIL AND GRASS,
GROUND COVER (TYP.) ALL SLOPES,
MEDIAN AND PARKWAYS PER
NCTCOG SPECIFICATION
LATEST EDITION.

**M4D PAVEMENT
LEFT TURN SECTION**
NTS

SLOPE TOWARD MEDIAN MAY BE
REQUIRED IF LEFT TURN CURB IS
HIGHER THAN OPPOSITE MEDIAN CURB.



MD4 PAVEMENT

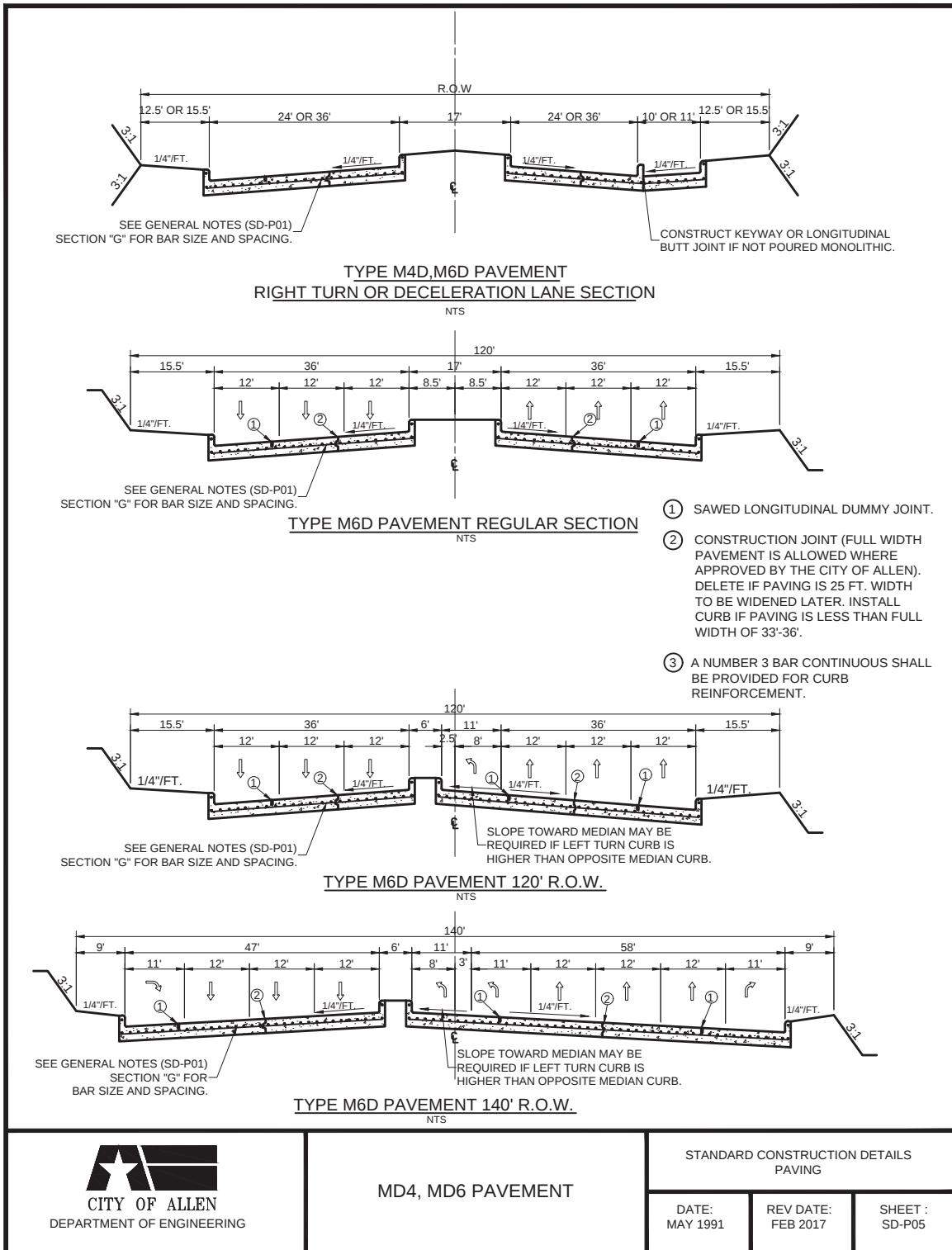
STANDARD CONSTRUCTION DETAILS
PAVING

DATE:
MAY 1991

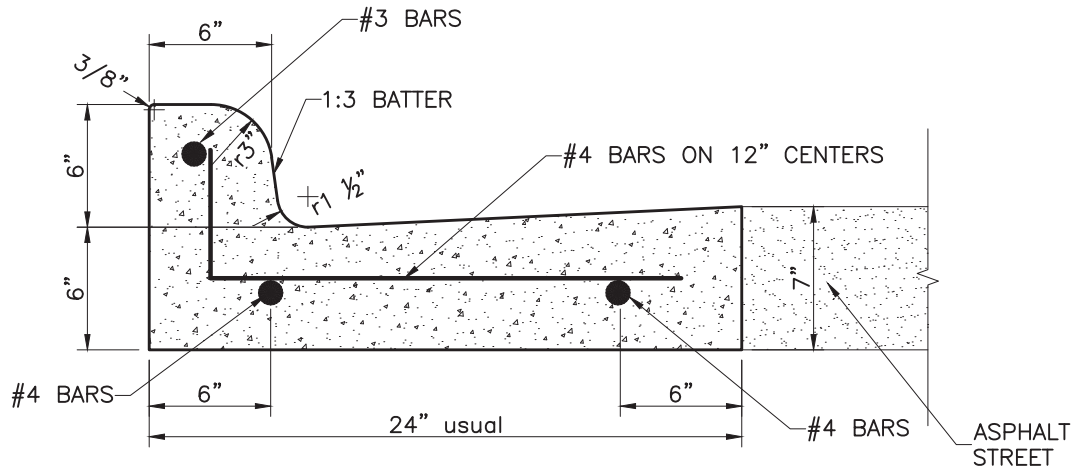
REV DATE:
FEB 2017

SHEET :
SD-P04

APPENDIX F - STANDARD CONSTRUCTION DETAILS: PAVING

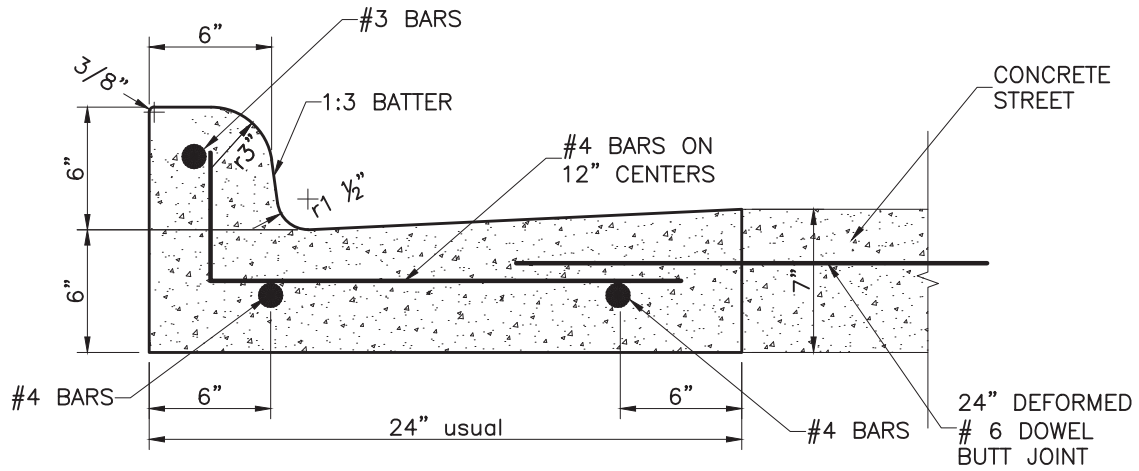


ALLEN LAND DEVELOPMENT CODE



SEPARATE CURB-AND-GUTTER (ASPHALT)

SCALE N.T.S.



SEPARATE CURB-AND-GUTTER (CONCRETE)

SCALE N.T.S.



CURB-AND-GUTTER

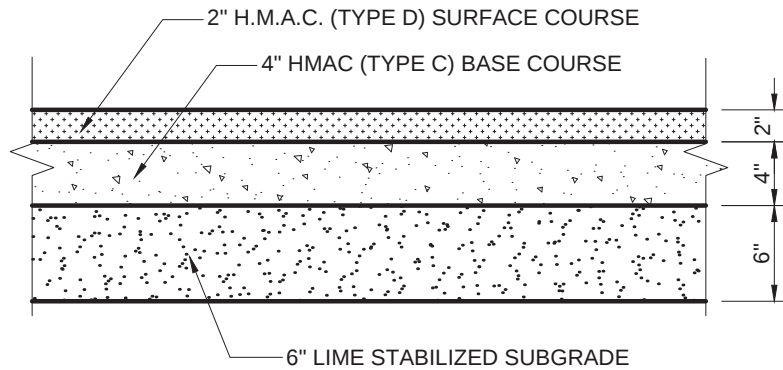
STANDARD CONSTRUCTION DETAILS
PAVING

DATE:
MAY 1991

REV DATE:
MAY 2017

SHEET :
SD-P06

APPENDIX F - STANDARD CONSTRUCTION DETAILS: PAVING



ASPHALT PAVING CROSS SECTION

NOTE :

CUT OF 6" INTO EXISTING PAVEMENT IS REQUIRED FOR
CONSTRUCTION JOINT WITH NEW POURS TO
GET A SMOOTH FINISH



ASPHALT PAVING CROSSECTION

STANDARD CONSTRUCTION DETAILS
PAVING

DATE:
MAY 1991

REV DATE:
MAY 2017

SHEET :
SD-P07

ALLEN LAND DEVELOPMENT CODE

GENERAL NOTES FOR ALLEYS AND DRIVEWAYS

1. CONCRETE FOR ALLEY RETURNS AND DRIVEWAYS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS IDENTICAL TO THAT SPECIFIED FOR THE STREET PAVEMENT OR BASE WHEN BUILT AS COMPONENTS OF A CONCRETE PAVING PROJECT. WHEN BUILT SEPARATELY, THE STRENGTH SHALL BE AS SPECIFIED ON THE CONSTRUCTION PLAN.
2. SPACING AND CONSTRUCTION OF JOINTS SHALL CONFORM TO PARABOLIC STREET PAVEMENT.



GENERAL NOTES ALLEY AND DRIVEWAYS

STANDARD CONSTRUCTION DETAILS PAVING

DATE:
SEPT. 1991

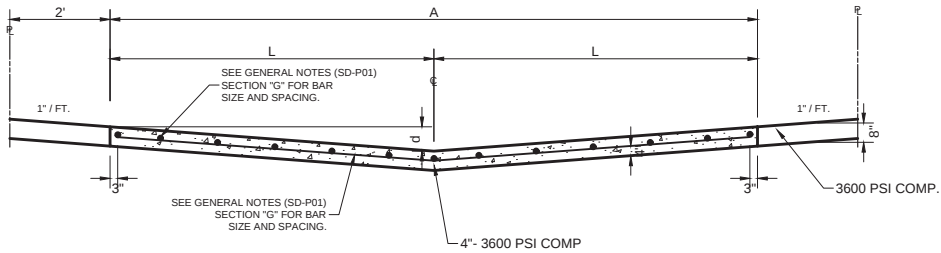
REV DATE:
MAY 2017

SHEET :
SD-P08

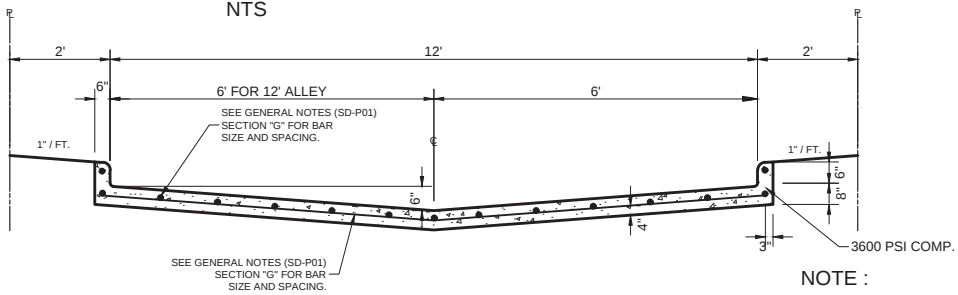
APPENDIX F - STANDARD CONSTRUCTION DETAILS: PAVING

ALLEY WIDTH (A)	HALF SECTION WIDTH (L)	INVERT DEPTH (d)
12'	6'	6"
16'	8'	6"
20'	10'	6"

GENERAL NOTE:
ALL ALLEYS TO BE
LIMED IN ACCORDANCE
WITH ITEM C, SD P01



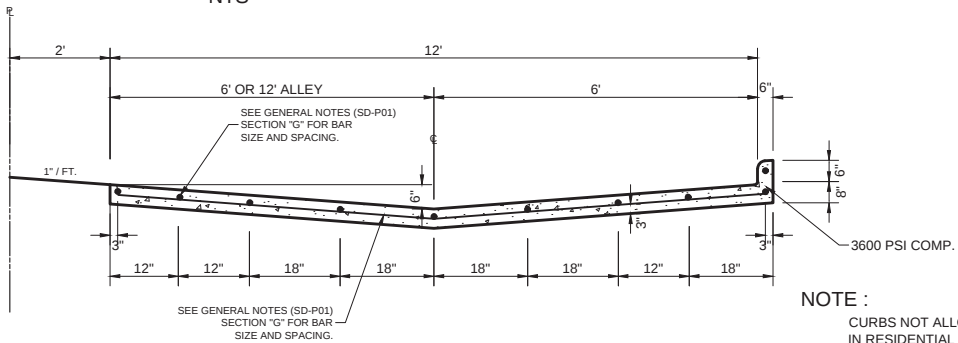
STANDARD 12', 16' & 20' ALLEY SECTION
NTS



NOTE :
CURBS NOT ALLOWED
IN RESIDENTIAL AREAS
EXCEPT AS APPROVED
BY THE CITY.

3 BAR CONTINUOUS IN CURB.

STANDARD ALLEY SECTION WITH CURB
NTS



NOTE :
CURBS NOT ALLOWED
IN RESIDENTIAL AREAS
EXCEPT AS APPROVED
BY THE CITY.

3 BAR CONTINUOUS IN CURB.

ALTERNATE 12' ALLEY SECTION / CURB
NTS



ALLEY SECTION

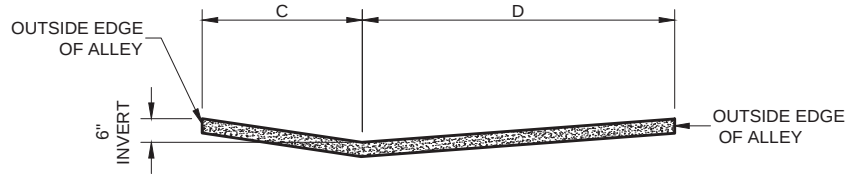
STANDARD CONSTRUCTION DETAILS
PAVING

DATE:
SEPT. 1991

REV DATE:
MAY 2017

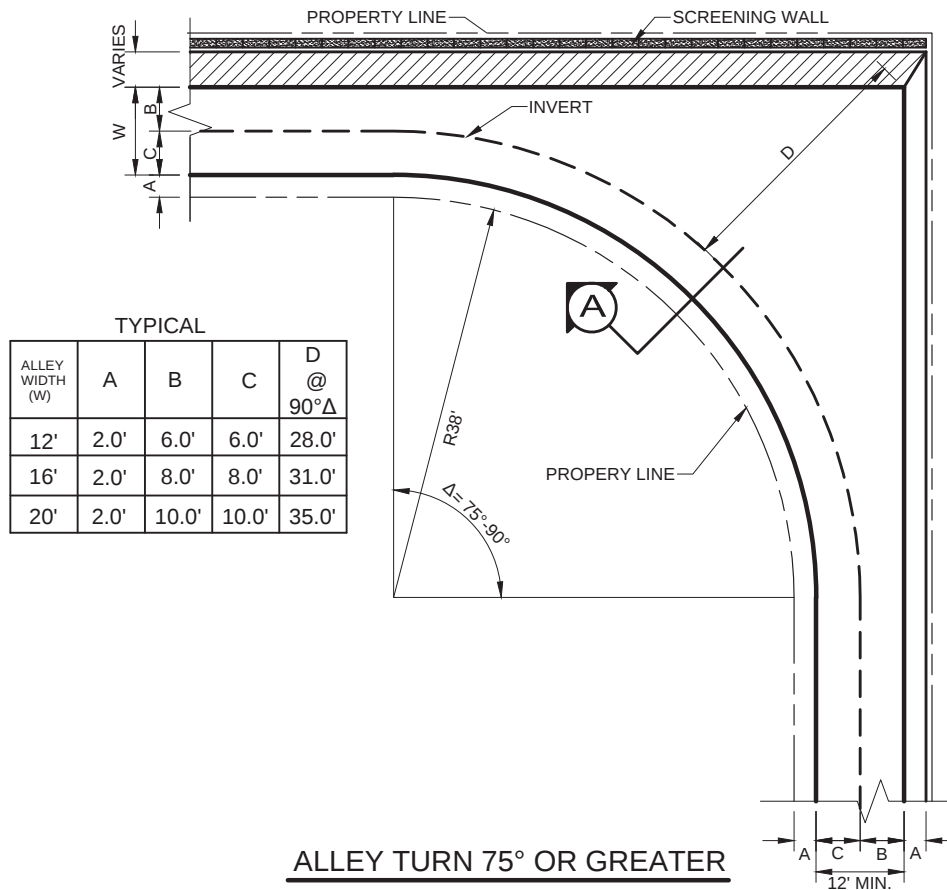
SHEET :
SD-P09

ALLEN LAND DEVELOPMENT CODE



SECTION A
SCALE N.T.S.

NOTE : ALLEY PAVING TO BE PLACED IN SHADED AREA
WHEN SCREENING WALL IS ALONG PROPERTY LINE.
SEE COA SCREENING WALL DETAIL.



ALLEY TURN 75° OR GREATER

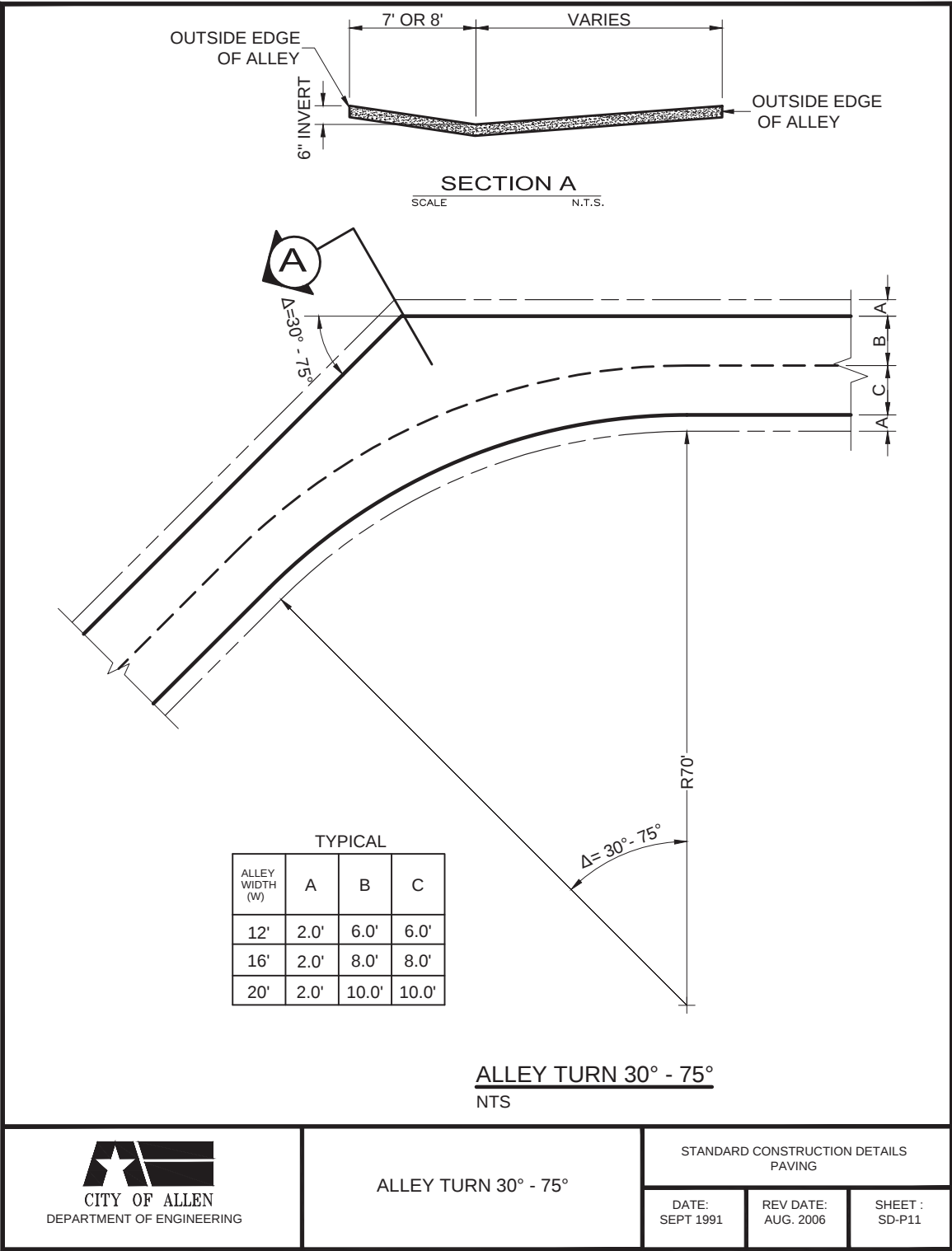
STANDARD CONSTRUCTION DETAILS
PAVING

DATE:
SEPT 1991

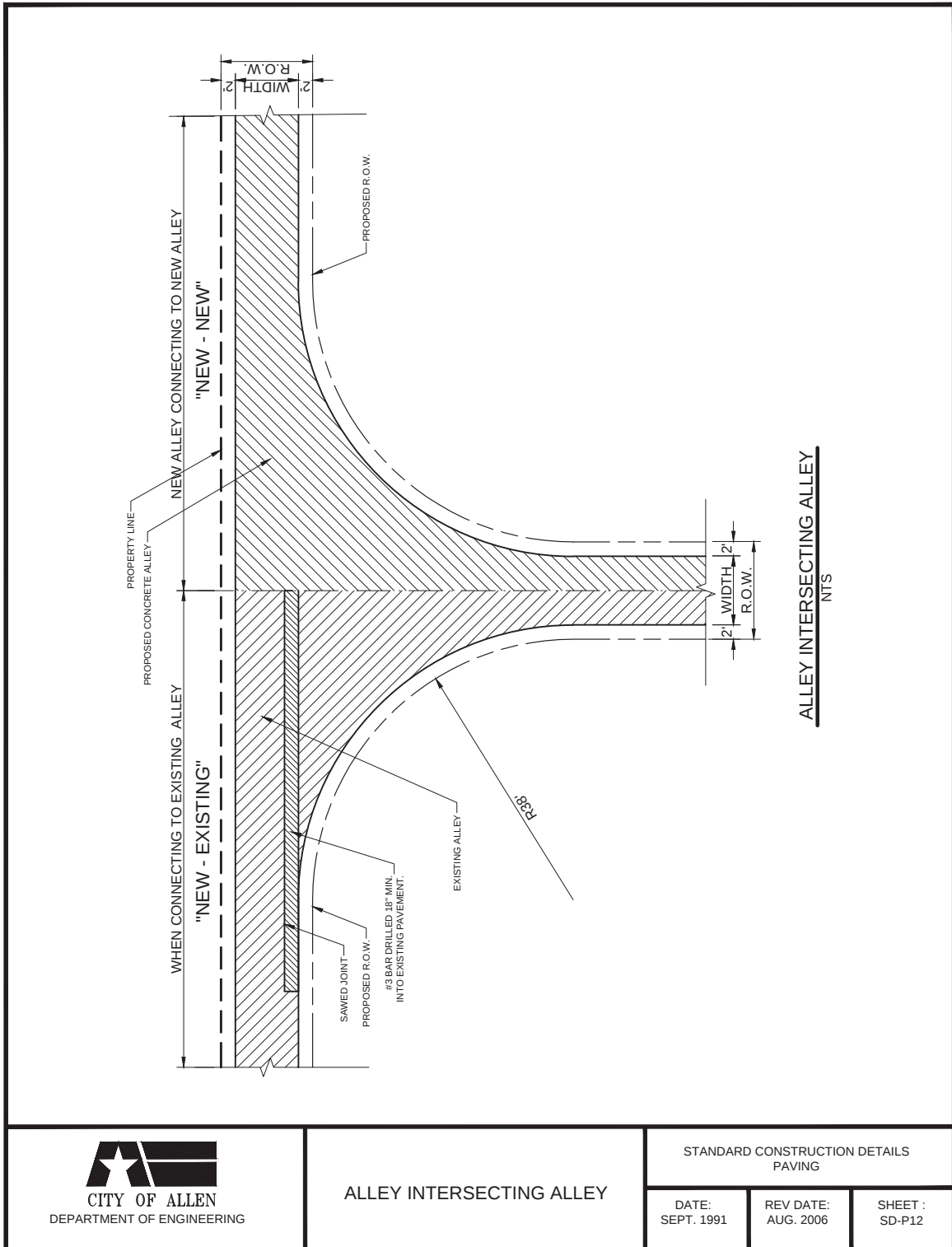
REV DATE:
AUG. 2006

SHEET :
SD-P10

APPENDIX F - STANDARD CONSTRUCTION DETAILS: PAVING



ALLEN LAND DEVELOPMENT CODE



CITY OF ALLEN
DEPARTMENT OF ENGINEERING

ALLEY INTERSECTING ALLEY

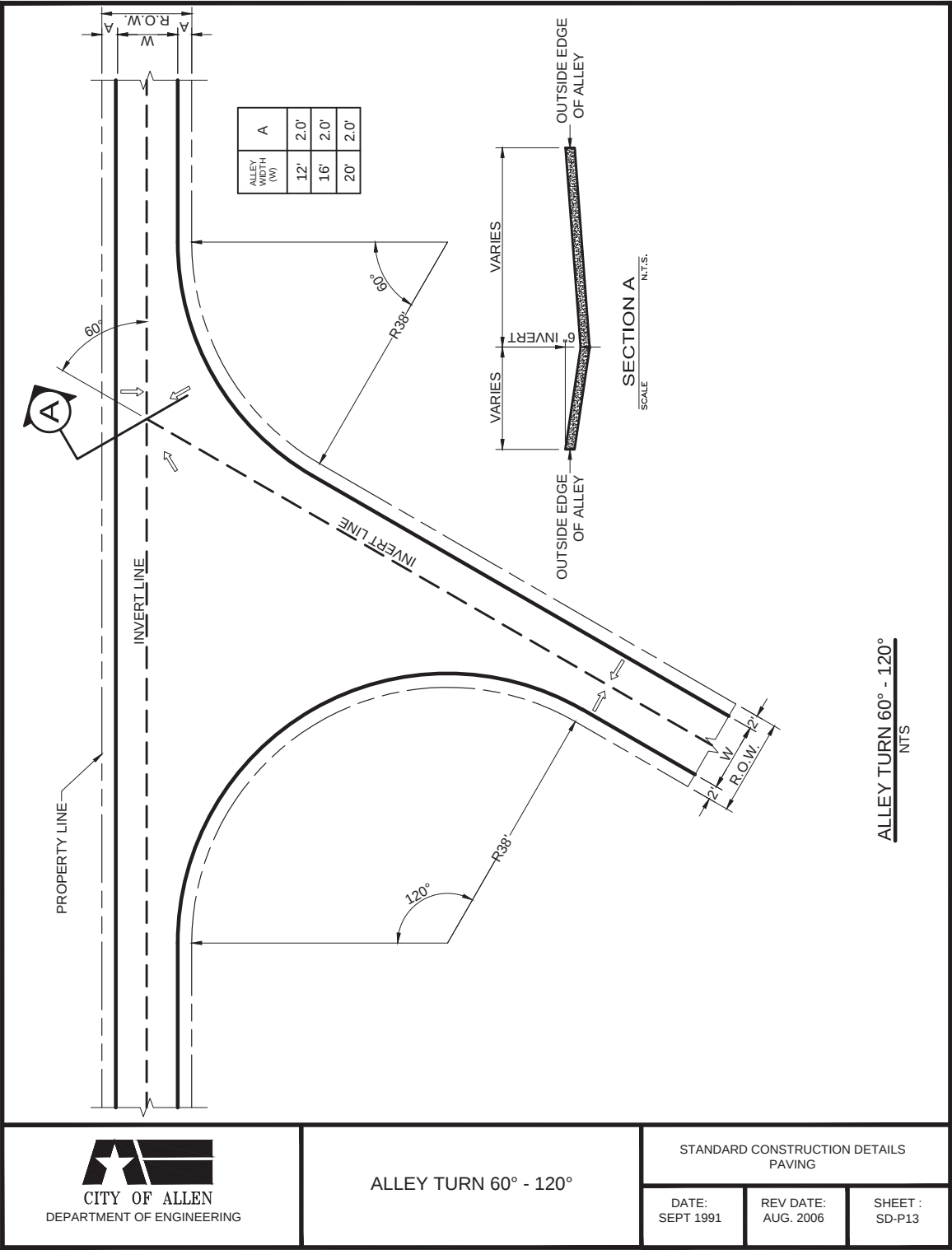
STANDARD CONSTRUCTION DETAILS
PAVING

DATE:
SEPT. 1991

REV DATE:
AUG. 2006

SHEET :
SD-P12

APPENDIX F - STANDARD CONSTRUCTION DETAILS: PAVING



ALLEY TURN 60° - 120°

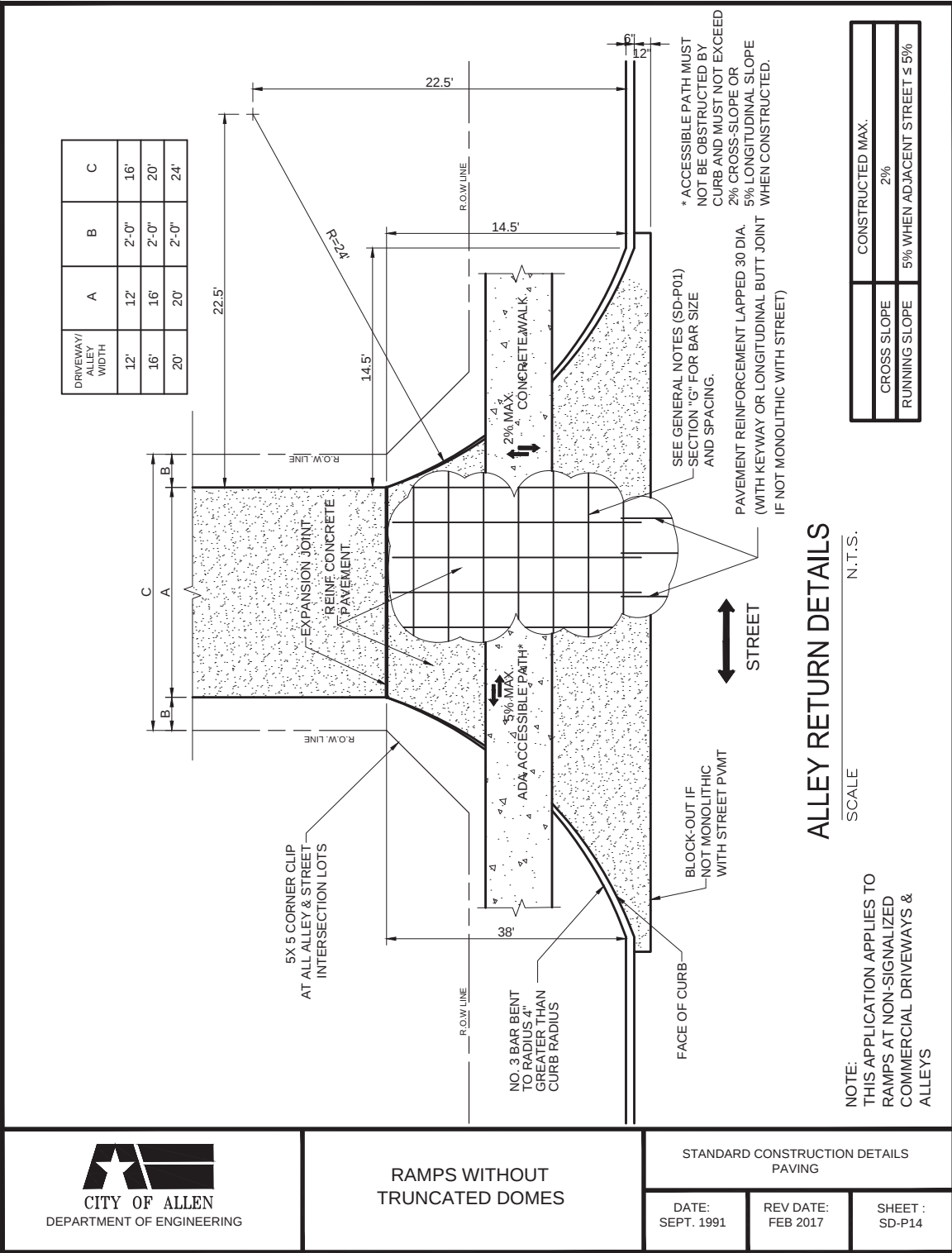
STANDARD CONSTRUCTION DETAILS
PAVING

DATE:
SEPT 1991

REV DATE:
AUG. 2006

SHEET :
SD-P13

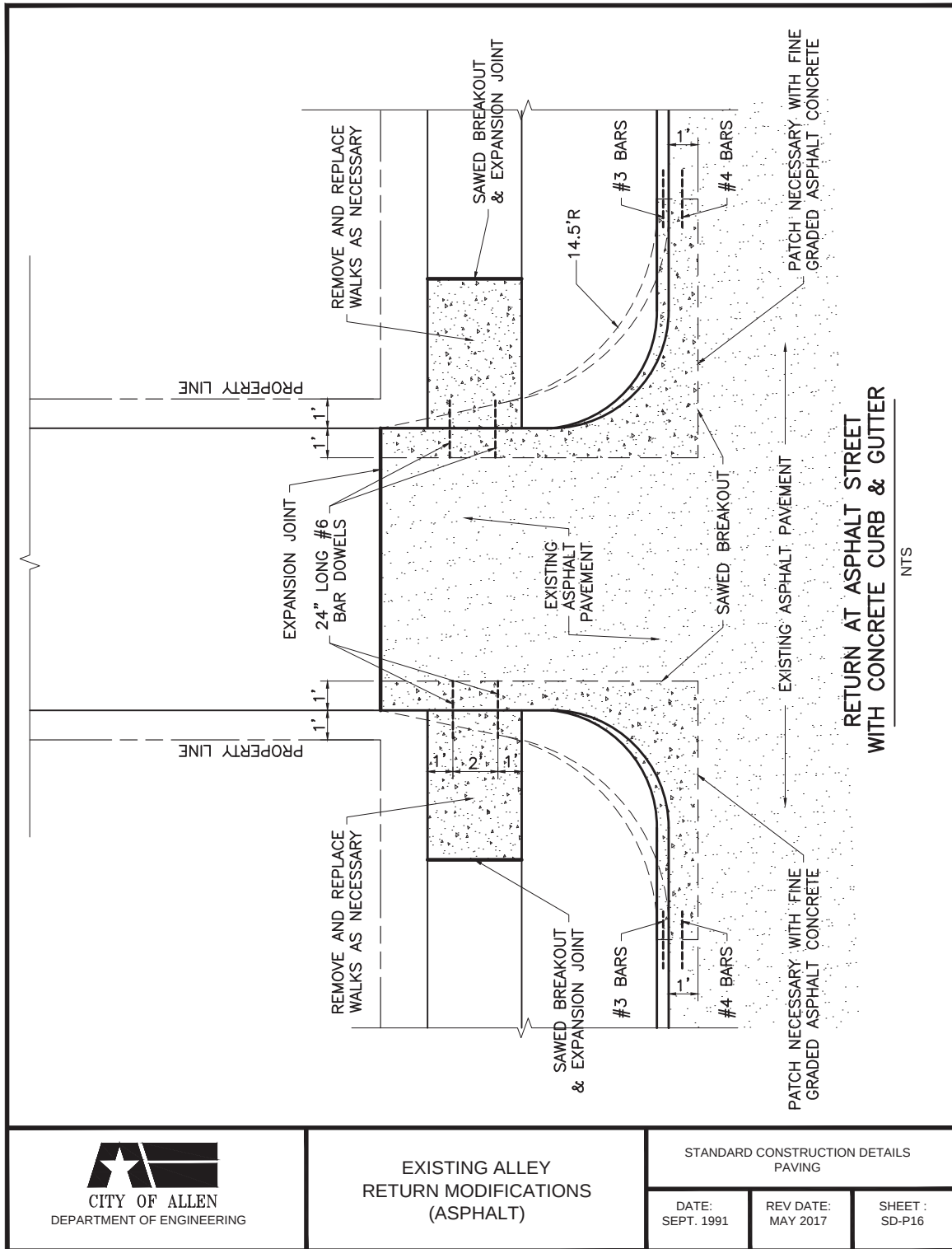
ALLEN LAND DEVELOPMENT CODE



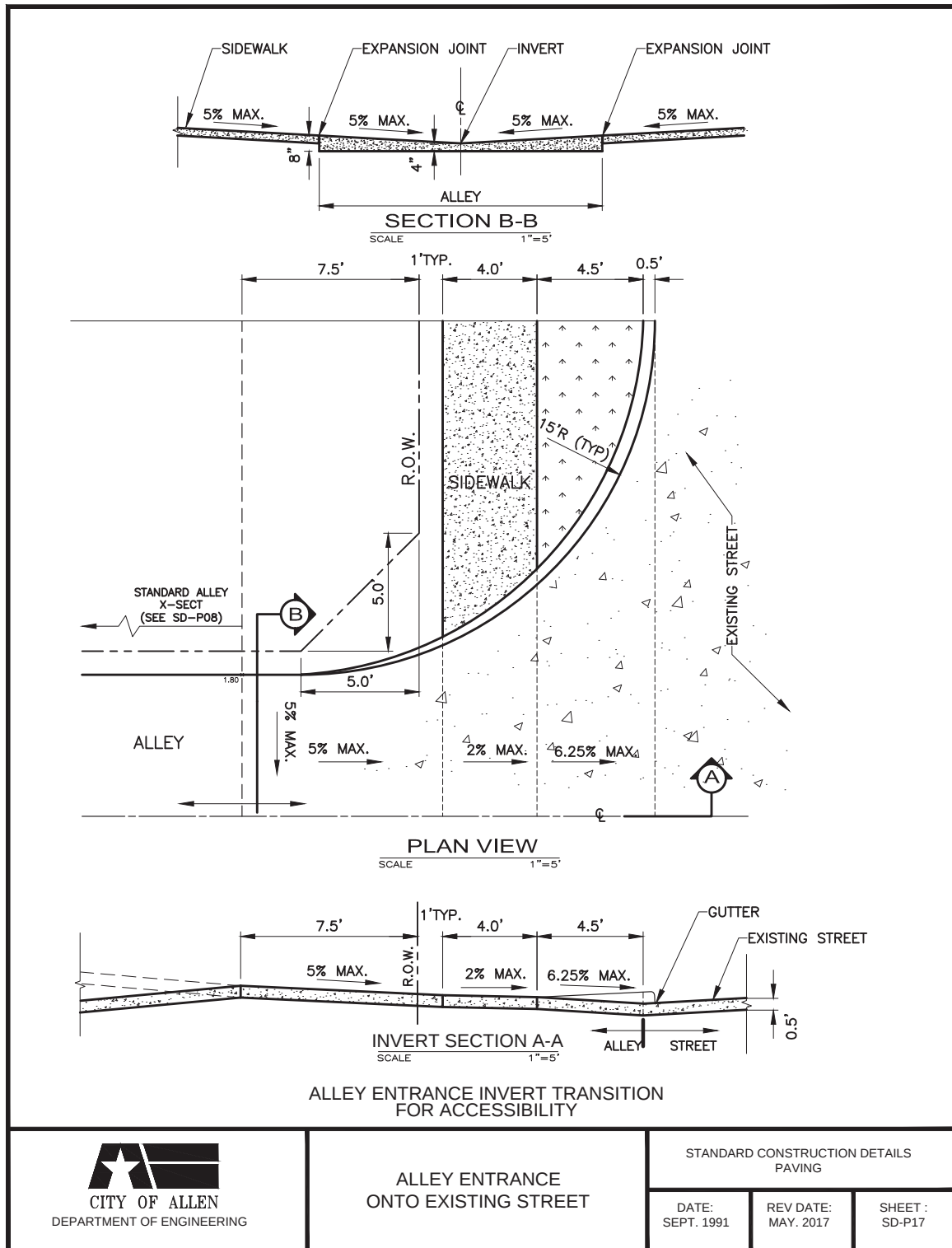
RAMPS WITHOUT TRUNCATED DOMES

STANDARD CONSTRUCTION DETAILS PAVING		
DATE: SEPT. 1991	REV DATE: FEB 2017	SHEET : SD-P14

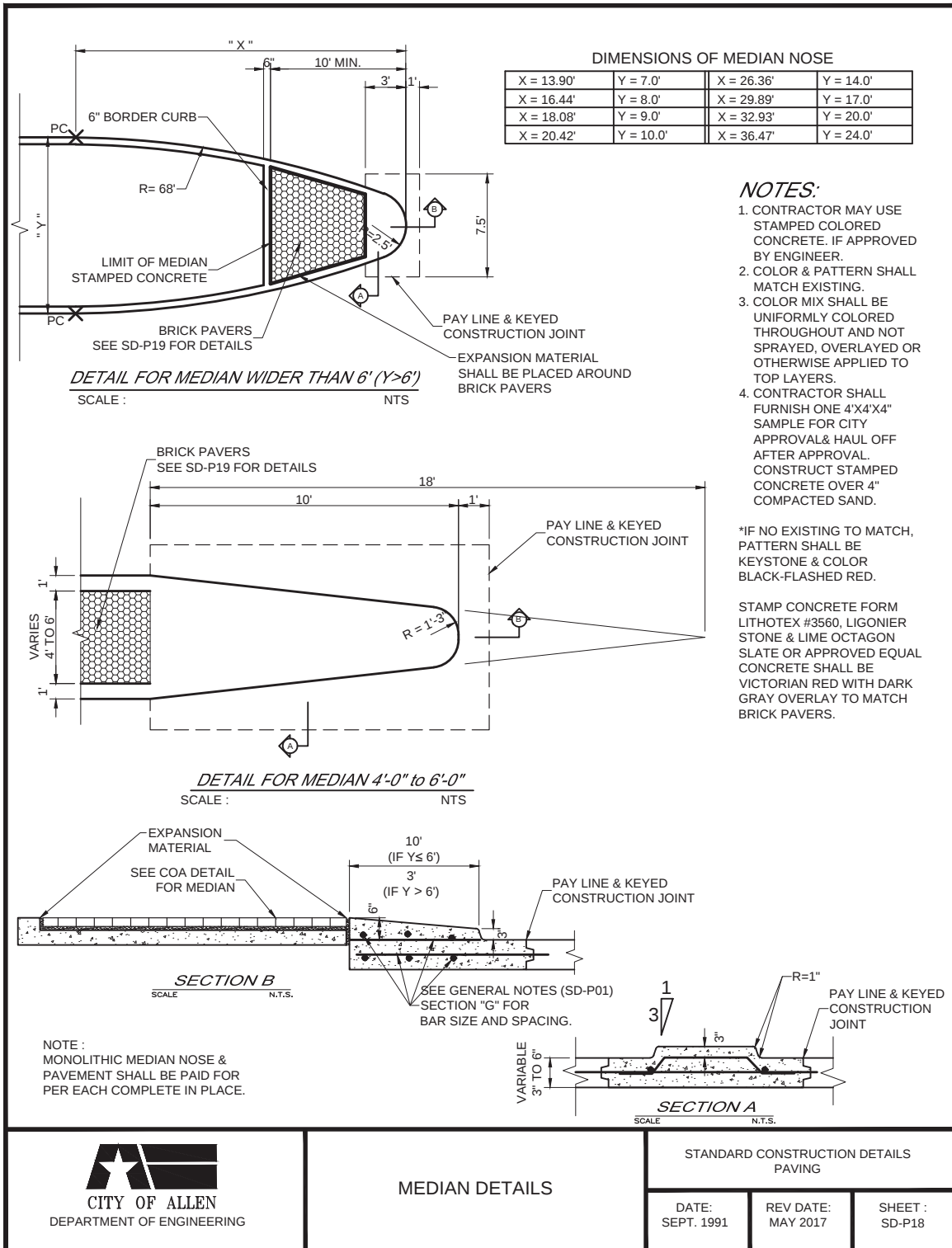
ALLEN LAND DEVELOPMENT CODE



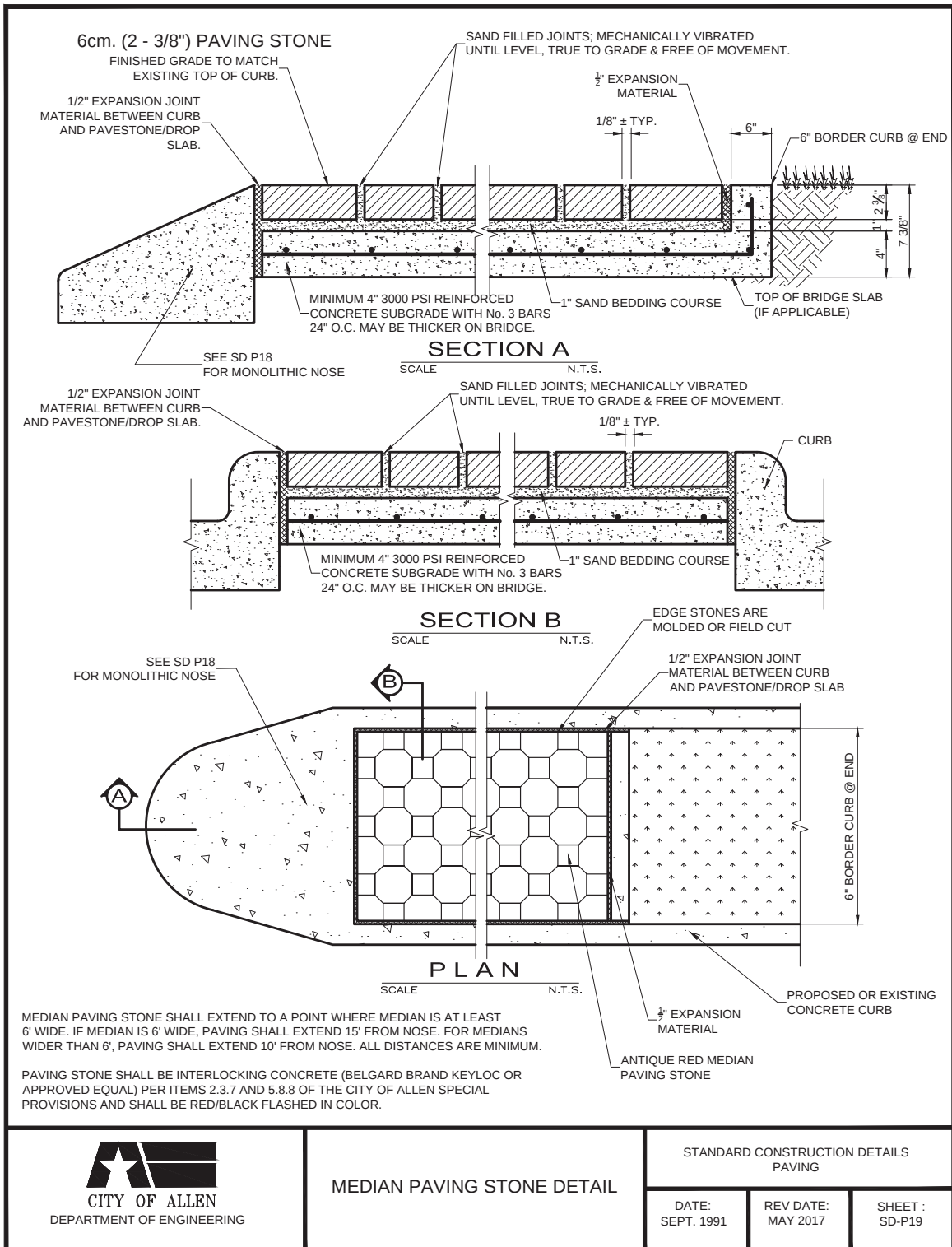
APPENDIX F - STANDARD CONSTRUCTION DETAILS: PAVING



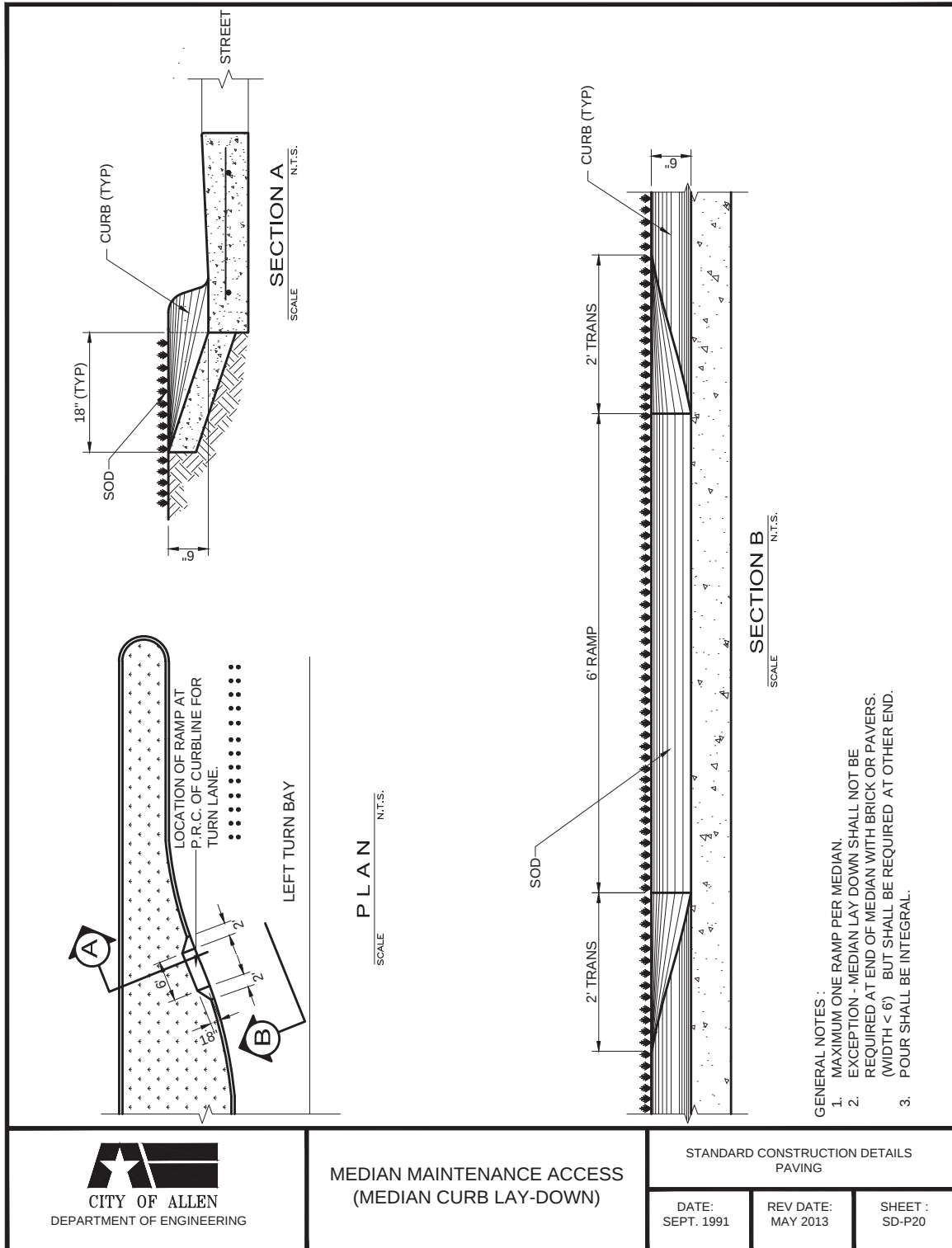
ALLEN LAND DEVELOPMENT CODE



APPENDIX F - STANDARD CONSTRUCTION DETAILS: PAVING



ALLEN LAND DEVELOPMENT CODE



MEDIAN MAINTENANCE ACCESS (MEDIAN CURB LAY-DOWN)

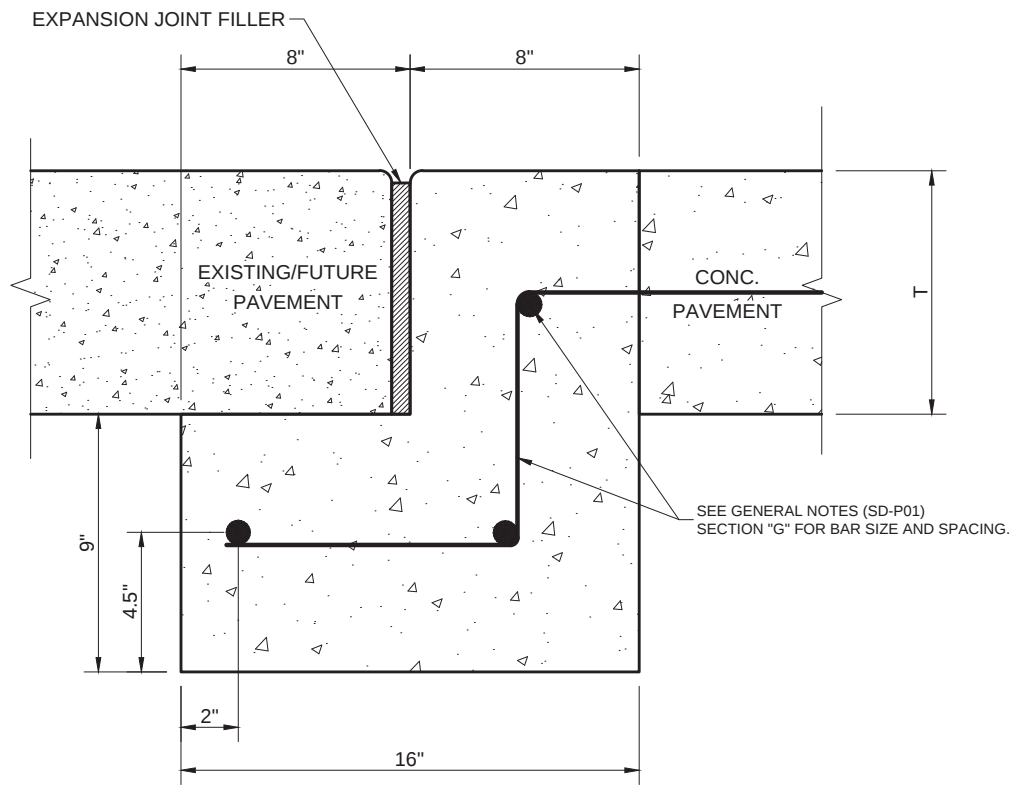
STANDARD CONSTRUCTION DETAILS PAVING

DATE:
SEPT. 1991

REV DATE:
MAY 2013

SHEET :
SD-P20

APPENDIX F - STANDARD CONSTRUCTION DETAILS: PAVING



STREET HEADER
SCALE N.T.S.

PAVEMENT BARS TO BE BENT DOWN INTO HEADER.
HEADER AND PAVEMENT TO BE MONOLITHIC.



STREET HEADER

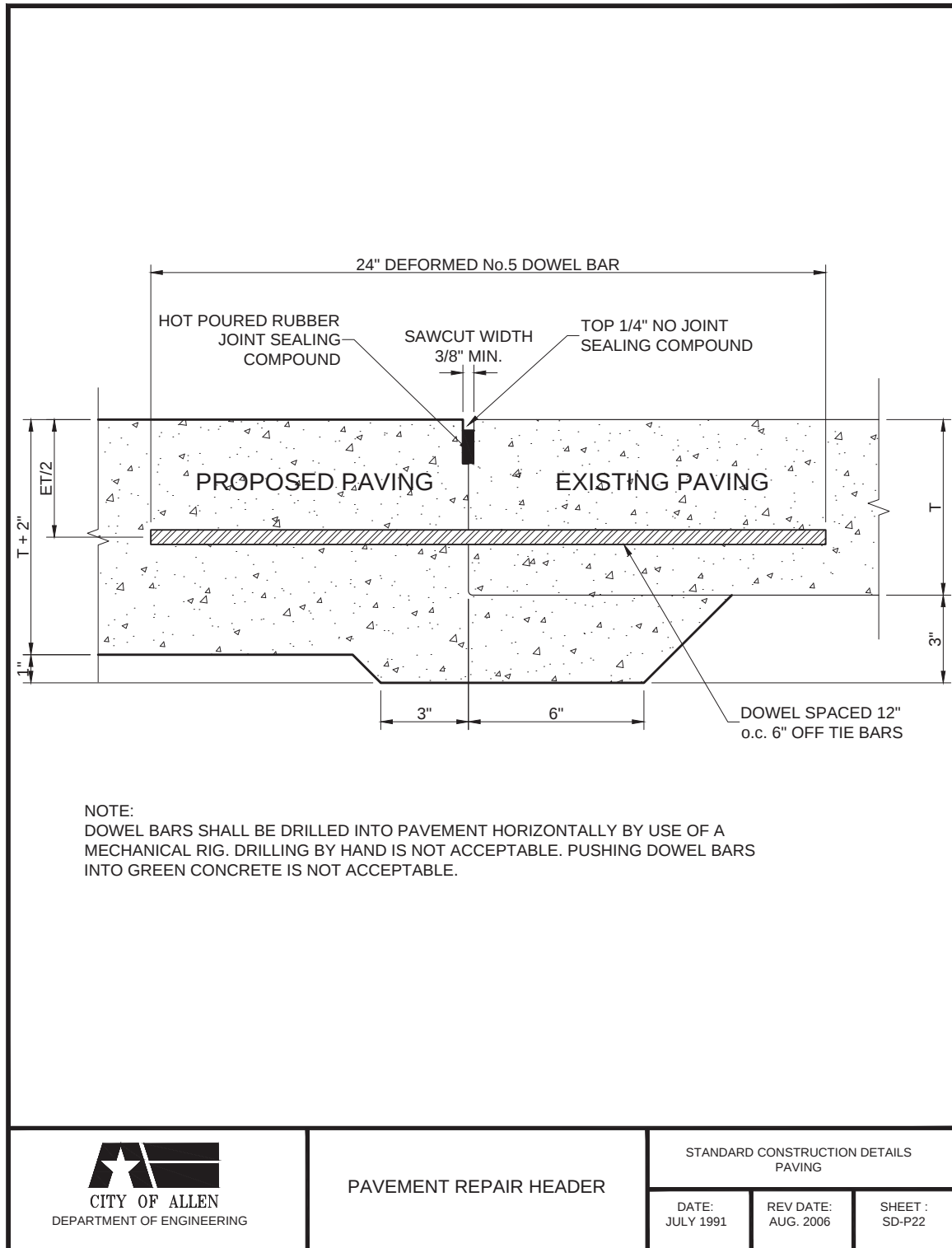
STANDARD CONSTRUCTION DETAILS
PAVING

DATE:
MAY 1991

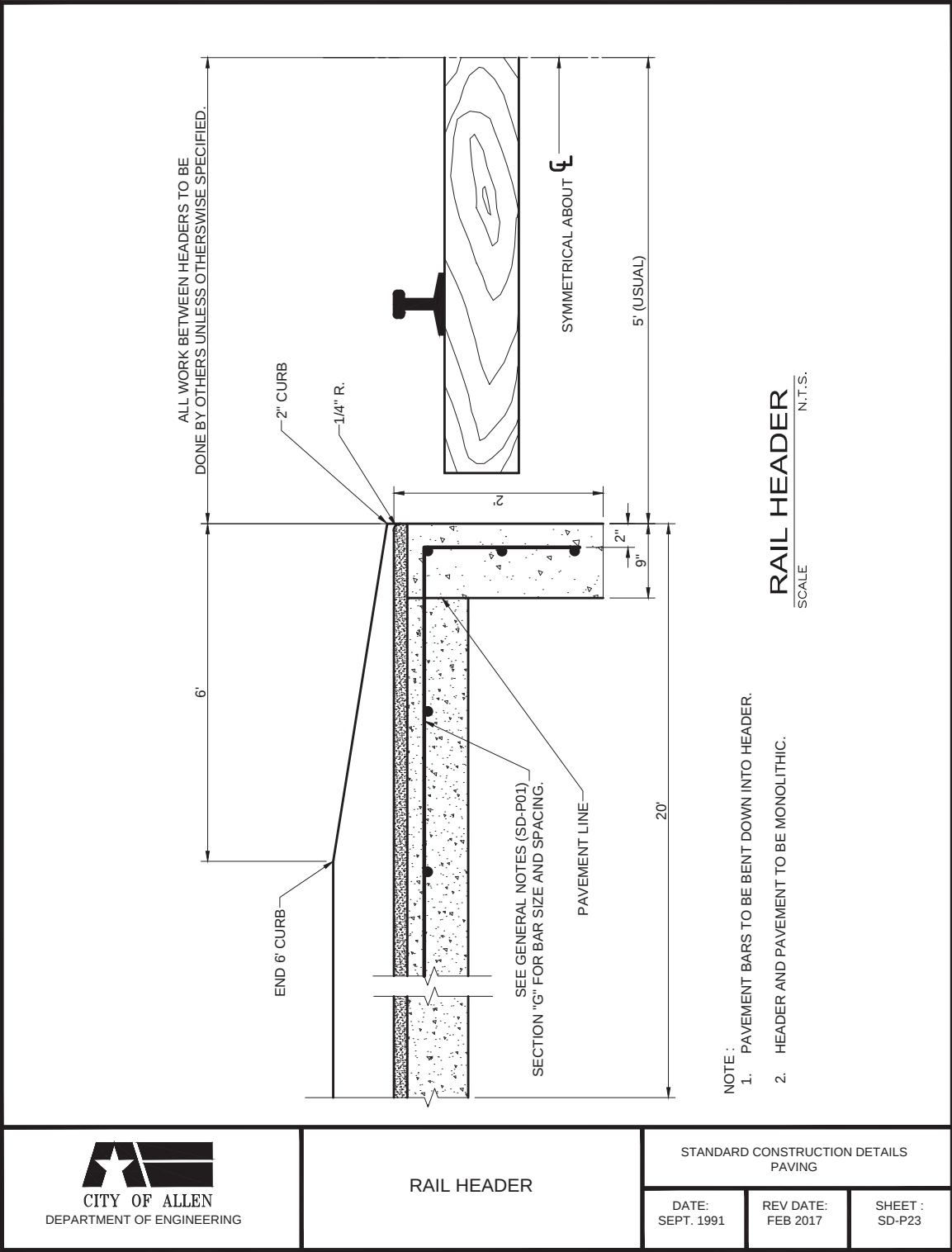
REV DATE:
FEB 2017

SHEET :
SD-P21

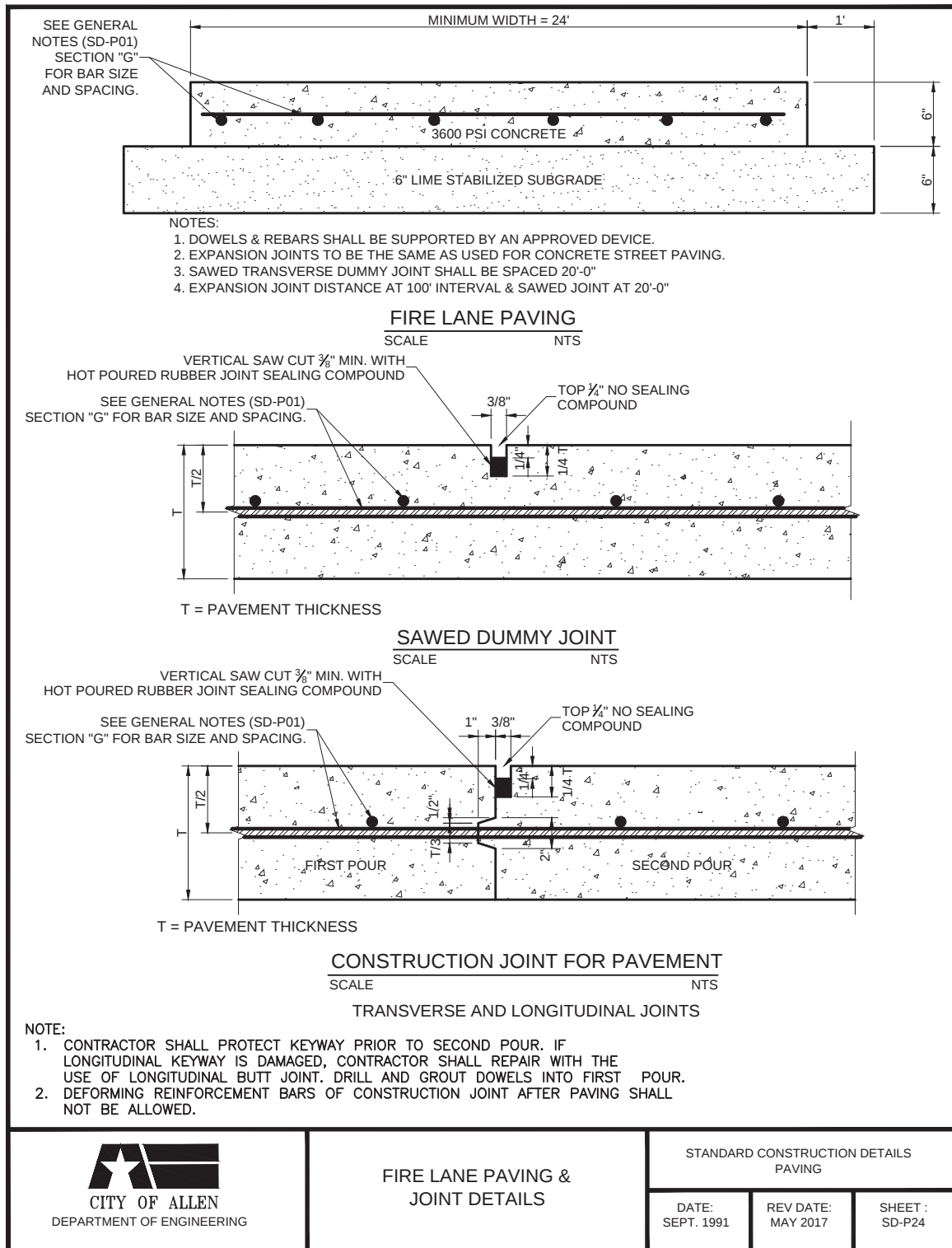
ALLEN LAND DEVELOPMENT CODE



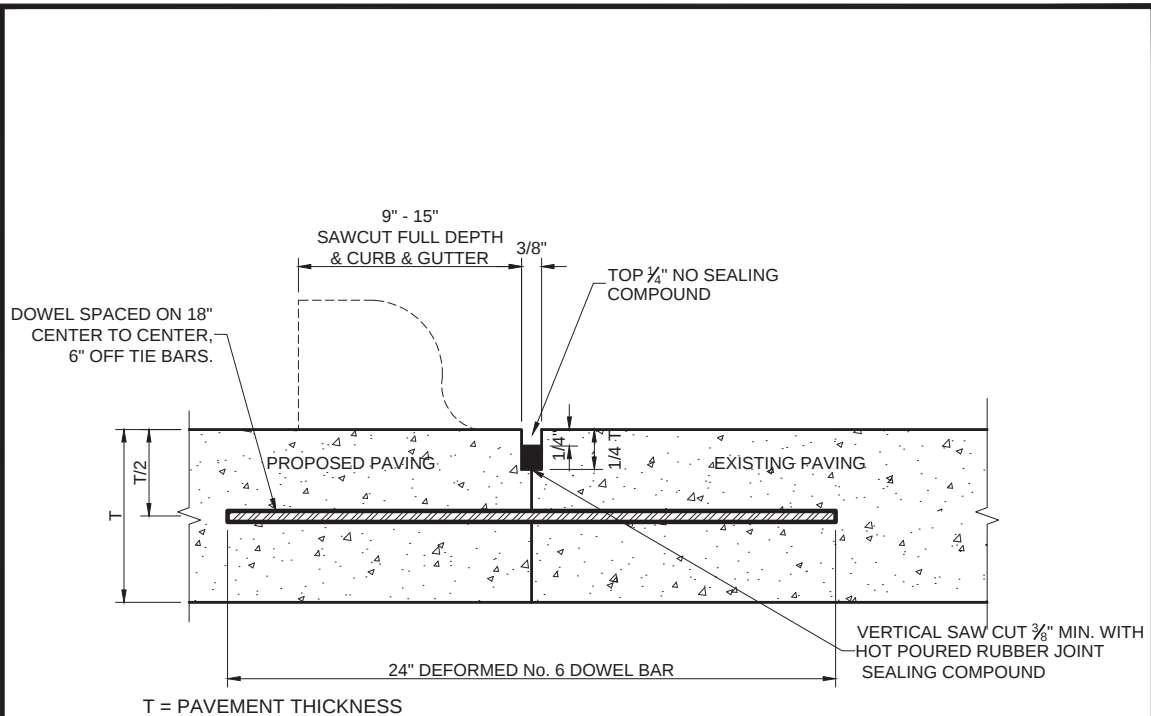
APPENDIX F - STANDARD CONSTRUCTION DETAILS:
PAVING



ALLEN LAND DEVELOPMENT CODE



APPENDIX F - STANDARD CONSTRUCTION DETAILS: PAVING



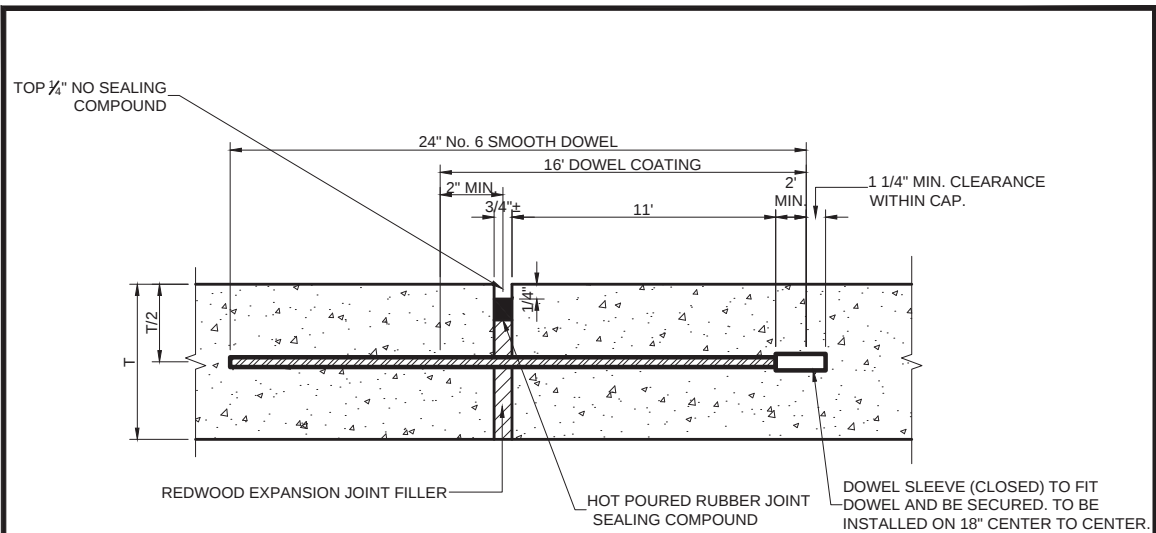
CONCRETE BUTT JOINT (6"/7" PAVEMENT THICKNESS)

NOTES:

1. LONGITUDINAL BUTT CONSTRUCTION MAY BE UTILIZED IN PLACE OF LONGITUDINAL HINGED (KEYWAY) JOINT AT CONTRACTORS OPTION.
2. DOWEL BARS SHALL BE DRILLED INTO PAVEMENT HORIZONTALLY BY USE OF A MECHANICAL RIG, UNLESS OTHERWISE APPROVED BY ENGINEER.
3. PUSHING DOWEL BARS INTO GREEN CONCRETE IS NOT ACCEPTABLE.
4. SAWCUT WATER SHALL BE VACUUMED AND DISPOSED PROPERLY.
5. NO SAWCUT SHALL BE WITHIN 30" OF AN EXISTING JOINT, OTHERWISE REMOVE PAVEMENT TO NEAREST JOINT.

 CITY OF ALLEN DEPARTMENT OF ENGINEERING	CONCRETE BUTT JOINT	STANDARD CONSTRUCTION DETAILS PAVING		
		DATE: MAY 1991	REV DATE: MAY 2017	SHEET : SD-P25

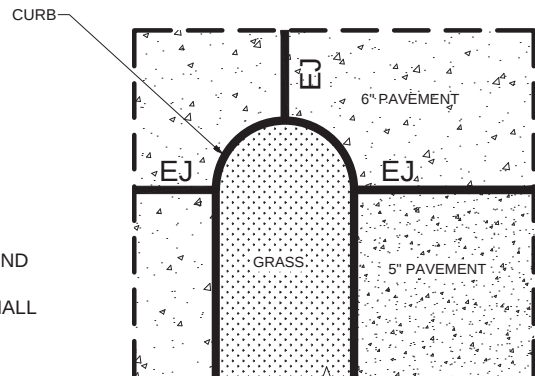
ALLEN LAND DEVELOPMENT CODE



TRANSVERSE EXPANSION JOINT
(SPACED 600 FT. MAXIMUM, LOCATE AT INTERSECTIONS)
T = PAVEMENT THICKNESS

NOTES:

1. DOWELS AND REINFORCING BARS SHALL BE SUPPORTED BY AN APPROVED DEVICE & MUST BE TIED OR CHAIRED ON EACH SIDE.
2. EXPANSION JOINTS SHALL BE PLACED TRANSVERSELY IN PROPOSED PAVEMENT WHERE THICKNESS CHANGES, SUCH AS BETWEEN 5" - 6".
3. EXPANSION JOINTS SHALL BE PLACED AT ALL END POINTS OF RADII.
4. HOT POURED RUBBER SEALING COMPOUND SHALL BE PLACED THROUGH RAISED CURB.



**PARKING LOT
EXAMPLE**



TRANSVERSE EXPANSION JOINT

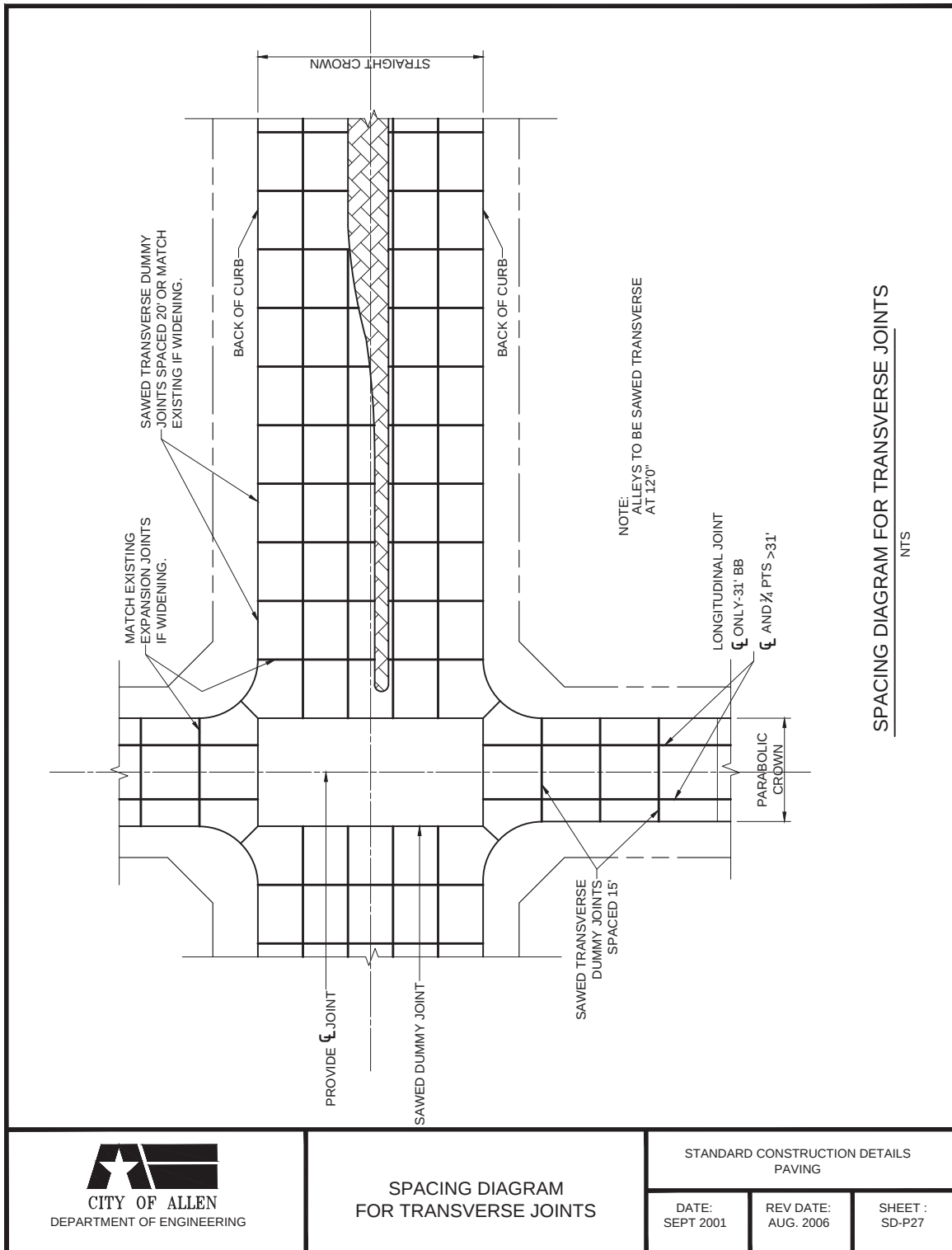
STANDARD CONSTRUCTION DETAILS
PAVING

DATE:
JAN 2001

REV DATE:
MARCH 2016

SHEET :
SD-P26

APPENDIX F - STANDARD CONSTRUCTION DETAILS: PAVING



LEGEND:

1. SAWED LONGITUDINAL DUMMY JOINT.
2. CONSTRUCTION JOINT (FULL WIDTH PAVEMENT IS ALLOWED WHERE APPROVED BY THE CITY OF ALLEN) DELETE IF PAVING IS 25 FT WIDTH TO BE WIDENED LATER. INSTALL CURB PAVING IF LESS THAN FULL WIDTH OF 33' - 36'.

TRAFFIC SIGNAL PULL BOXES SHALL BE #36 FROM TRAFFIC SIGNAL EQUIPMENT COMPANY, FT. WORTH, TEXAS OR APPROVED EQUAL. BOXES ARE APPROXIMATELY 10 1/2" X 17" X 12" AND SHALL BE PROVIDED WITH A CONCRETE COVER. BURIAL DEPTH OF 3" CONDUIT SHALL BE 18 INCHES BELOW CURB GRADES.

INTERSECTION WIDENING DETAIL
SCALE: NTS

NOTES:

1. 3" PVC SCHEDULE 40 DOVE GRAY ELECTRICAL TRAFFIC SIGNAL CONDUIT TO BE INSTALLED CONTINUOUS ACROSS INTERSECTION, EXTENDED TO 2' BEHIND CURBS. SWEEP BENDS TO BE USED AT ALL PULL BOXES.
2. RED MARKER TAPE IS TO BE INSTALLED ON THE ENDS OF THE CONDUIT.
3. THE EXACT LOCATIONS WHERE THE CONDUIT CROSSES UNDER THE PAVING ARE TO BE CHISELED WITH AN "X" AND PAINTED WITH THE RED PAINT, ON THE CURB OR PAVING.
4. A # 9 GALVANIZED WIRE SHALL BE PLACED IN ALL CONDUIT. THIS WIRE SHALL EXTEND A MINIMUM OF 1' FROM THE END OF THE CONDUIT. ITEM 8.10.3

[illegible]



CITY OF ALLEN
DEPARTMENT OF ENGINEERING

CONCRETE SIDEWALK

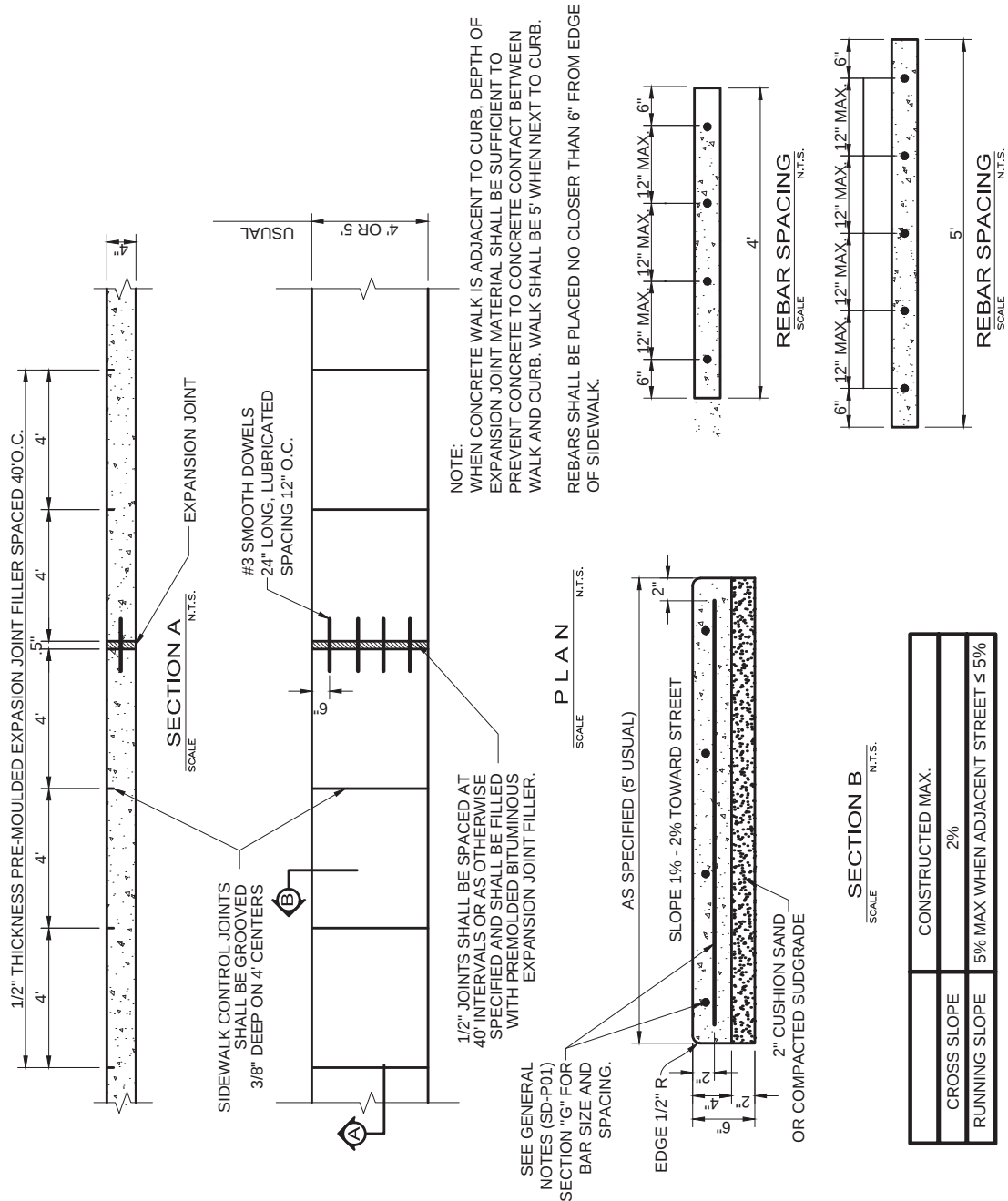
STANDARD CONSTRUCTION DETAILS

PAVING

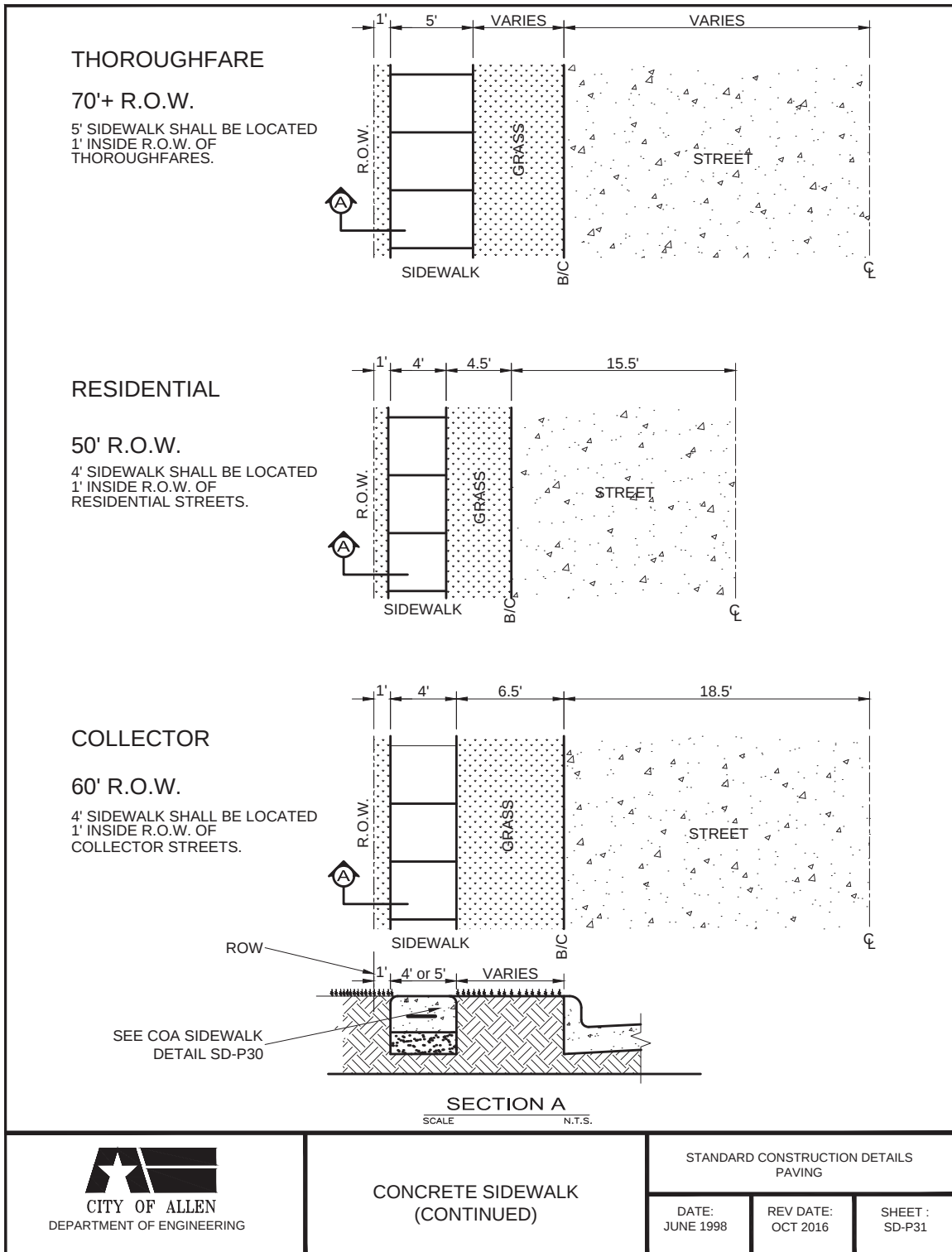
DATE:
SEPT 2001

REV DATE:
MAY 2017

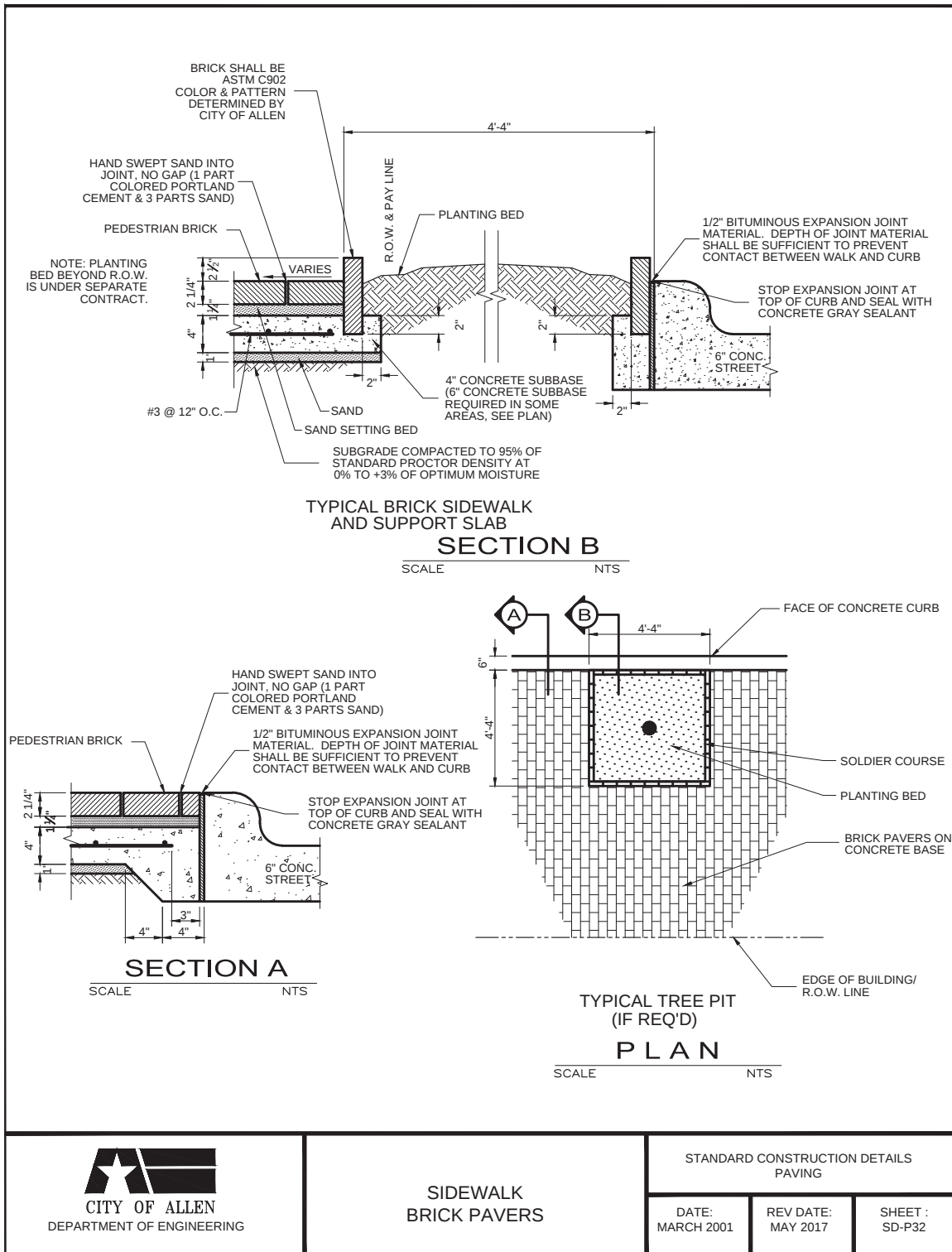
SHEET :
SD-P30



APPENDIX F - STANDARD CONSTRUCTION DETAILS: PAVING



ALLEN LAND DEVELOPMENT CODE



SEPARATE CURB-AND-GUTTER SECTION
NTS

SEE GENERAL NOTES (SD-P01)
SECTION "G" FOR BAR SIZE AND SPACING.

#4 BAR @ 12" O.C.

SEE SD-P06
FOR DETAIL

GRASS

R=3/4"

6"

3"

R=5/8"

1:3 BATTER

R=1 1/2"

#3 BAR

6"

6"

#4 BAR

6"

2.5' (USUAL)

6"

#4 BAR

6" OR 7"

STREET

NOTES:

- 2-INCH CUSHION SAND REQUIRED ON SUBGRADE COMPACTED WITHIN 95% STANDARD PROCTOR DENSITY.
- POURS SHALL REQUIRE A PRE-POUR INSPECTION FOR FORMWORK, REINFORCEMENT AND GEOMETRY. VISUAL INSPECTIONS MAY BE MADE AFTER THE POUR TO ADDRESS TOOLED JOINTS, FINISH, SUBGRADE INTEGRITY, ETC.
- ENSURE THAT FLATWORK DOES NOT OBSCURE ABOVE-GROUND APPURTENANCES (I.E. VALVES, MH LIDS)
- EXPOSED AGGREGATE CONCRETE IS NOT ACCEPTABLE FOR SIDEWALK WITHIN PUBLIC RIGHT-OF-WAY.
- SIDEWALKS SHALL BE 48" WIDE (MIN.) WITH 42" (MIN.) UNOBSTRUCTED. SIDEWALKS ALONG ARTERIAL (THOROUGHFARE) ROADWAYS SHALL BE 5' MIN.
- FOR CURB DETAIL SEE SHEET SD-P11

#3 SMOOTH DOWELS (24" LONG) 12" O.C. REQUIRED EXP. JOINT AT TWO LEGS OF INTERSECTIONS OF LEAD WALK AND PUBLIC WALK AS SHOWN

PROPERTY LINE

LEADWALK

GRASS

SIDEWALK

CURB CUT A MIN. OF 1'

LEADWALK

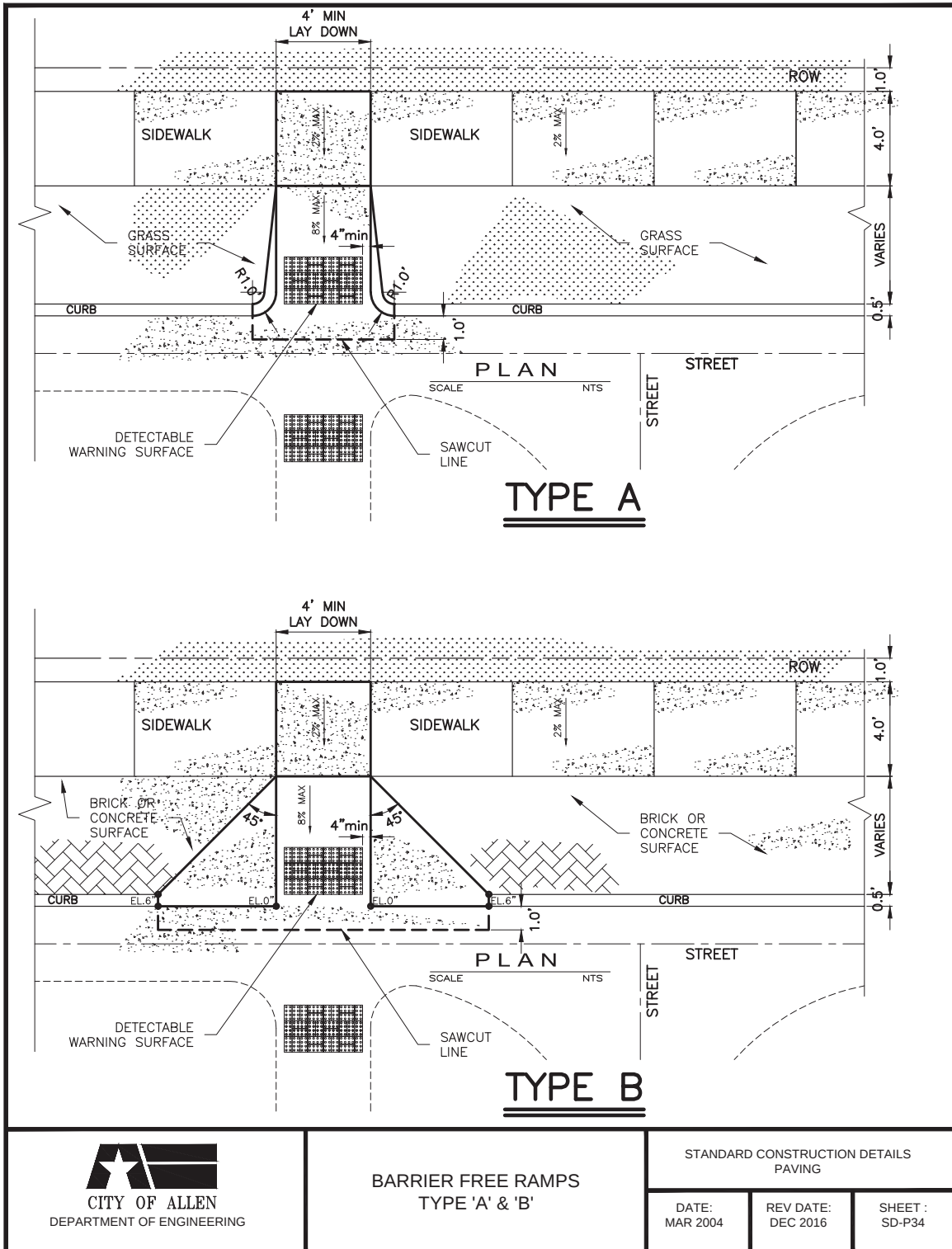
CURB CUT A MIN. OF 1'

1" FELT EXP. JOINT REQUIRED BETWEEN BACK OF CURB AND LEADWALK

CURB

STREET

ALLEN LAND DEVELOPMENT CODE



TYPE C

TYPE D

PLAN

SCALE

NTS

STANDARD CONSTRUCTION DETAILS PAVING

BARRIER FREE RAMPS

TYPE 'C' & 'D'

CITY OF ALLEN

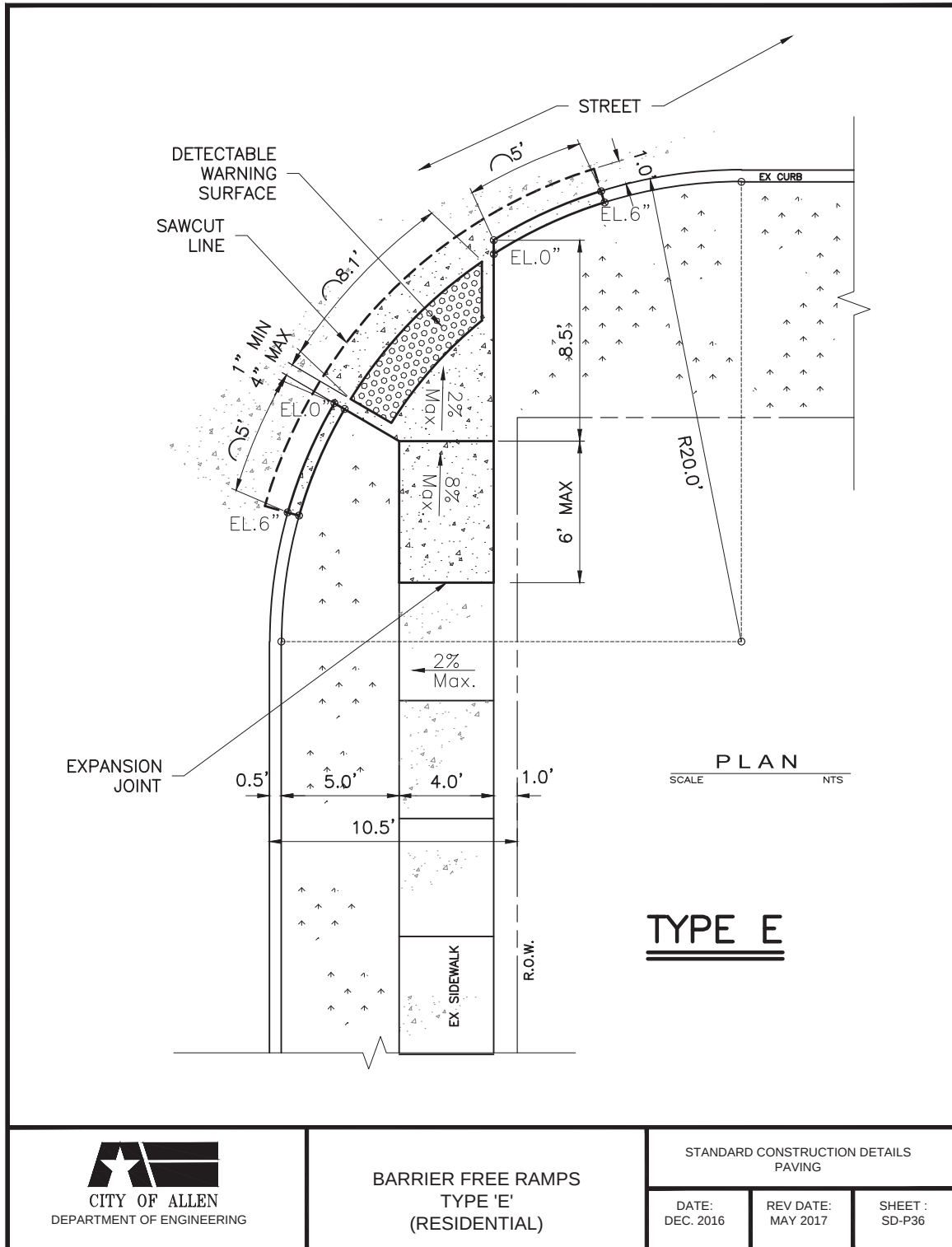
DEPARTMENT OF ENGINEERING

DATE: MAR 2004

REV DATE: MAY 2017

SHEET : SD-P35

ALLEN LAND DEVELOPMENT CODE



CITY OF ALLEN
DEPARTMENT OF ENGINEERING

BARRIER FREE RAMPS
TYPE 'E'
(RESIDENTIAL)

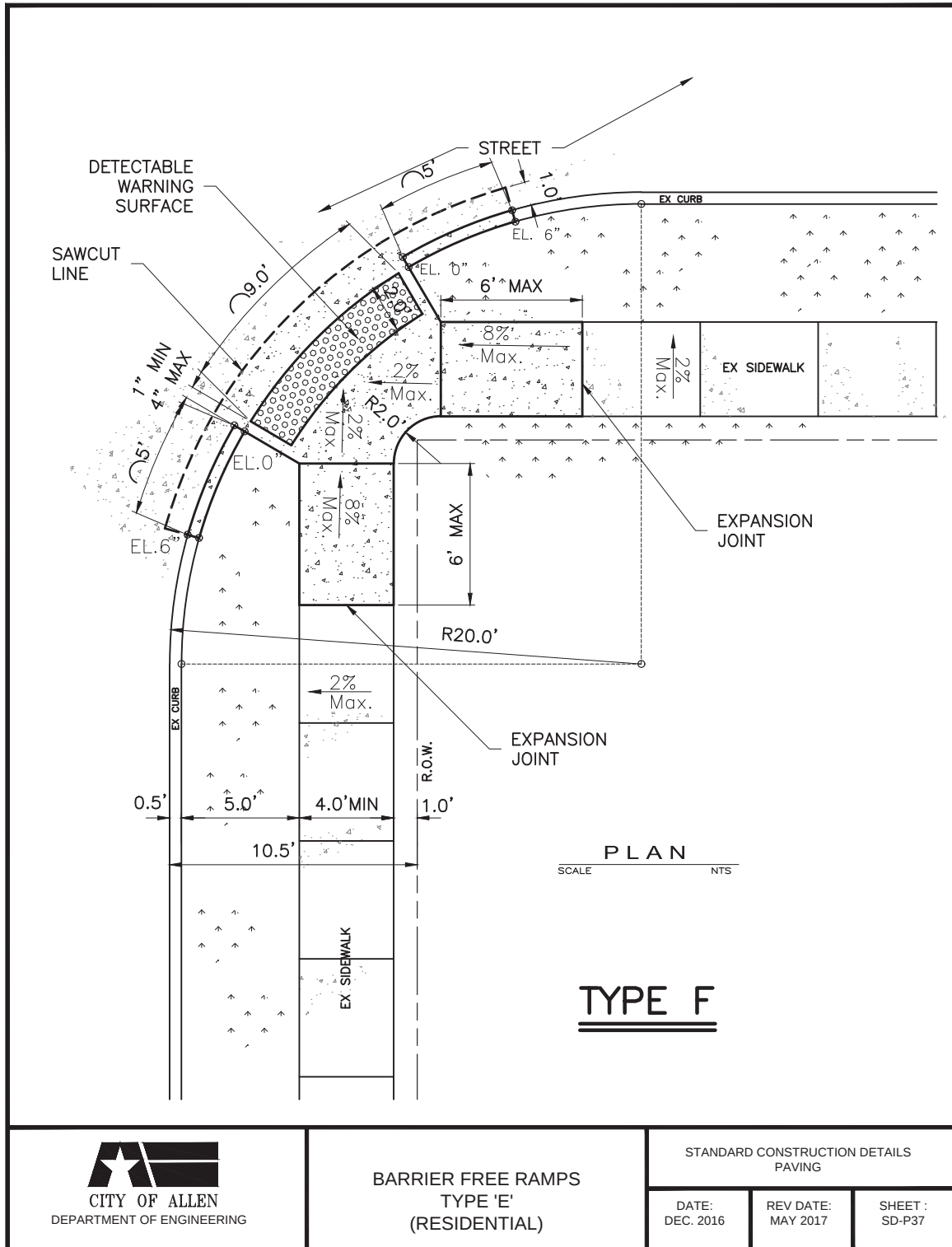
STANDARD CONSTRUCTION DETAILS
PAVING

DATE:
DEC. 2016

REV DATE:
MAY 2017

SHEET :
SD-P36

APPENDIX F - STANDARD CONSTRUCTION DETAILS: PAVING



BARRIER FREE RAMPS
TYPE 'E'
(RESIDENTIAL)

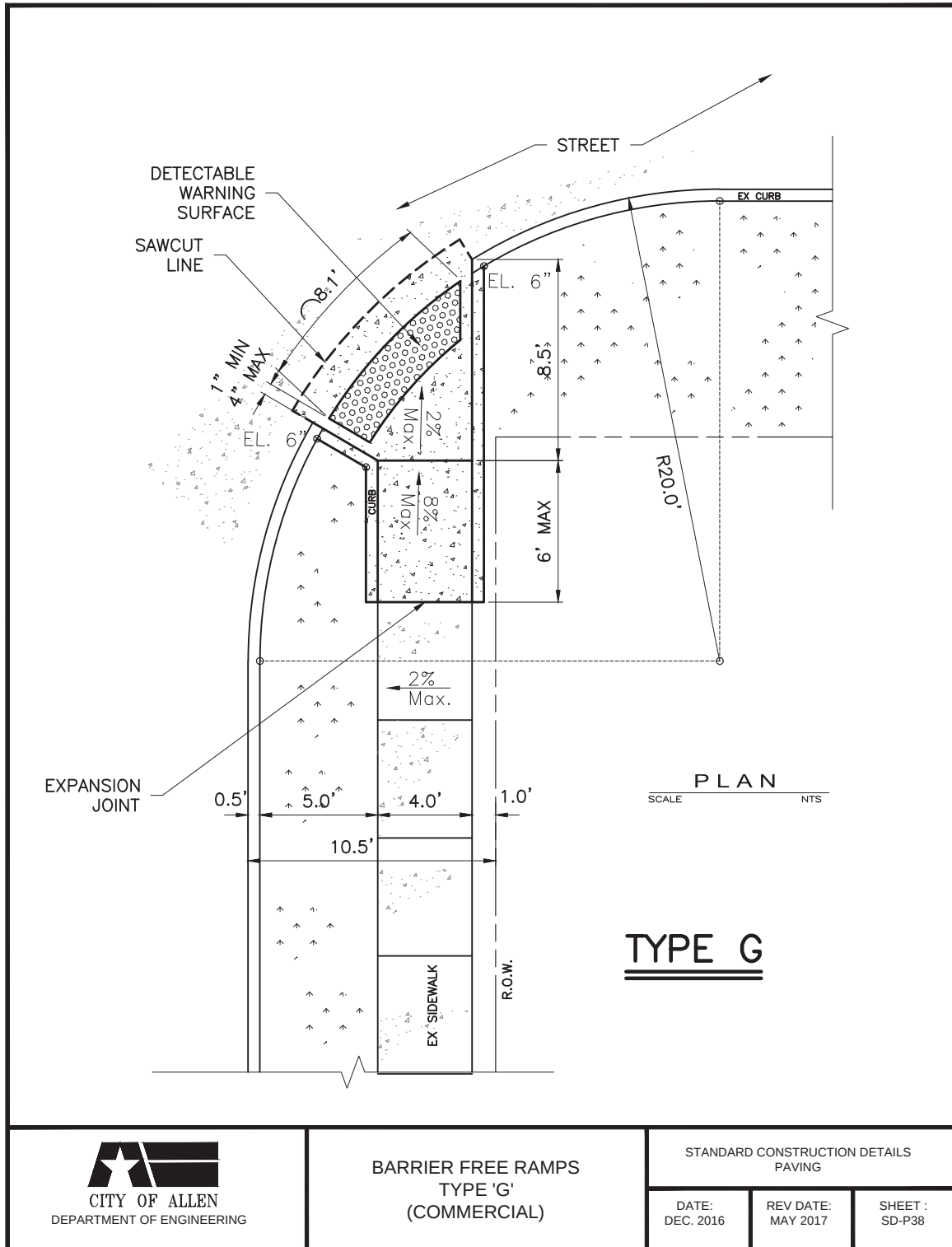
STANDARD CONSTRUCTION DETAILS
PAVING

DATE:
DEC. 2016

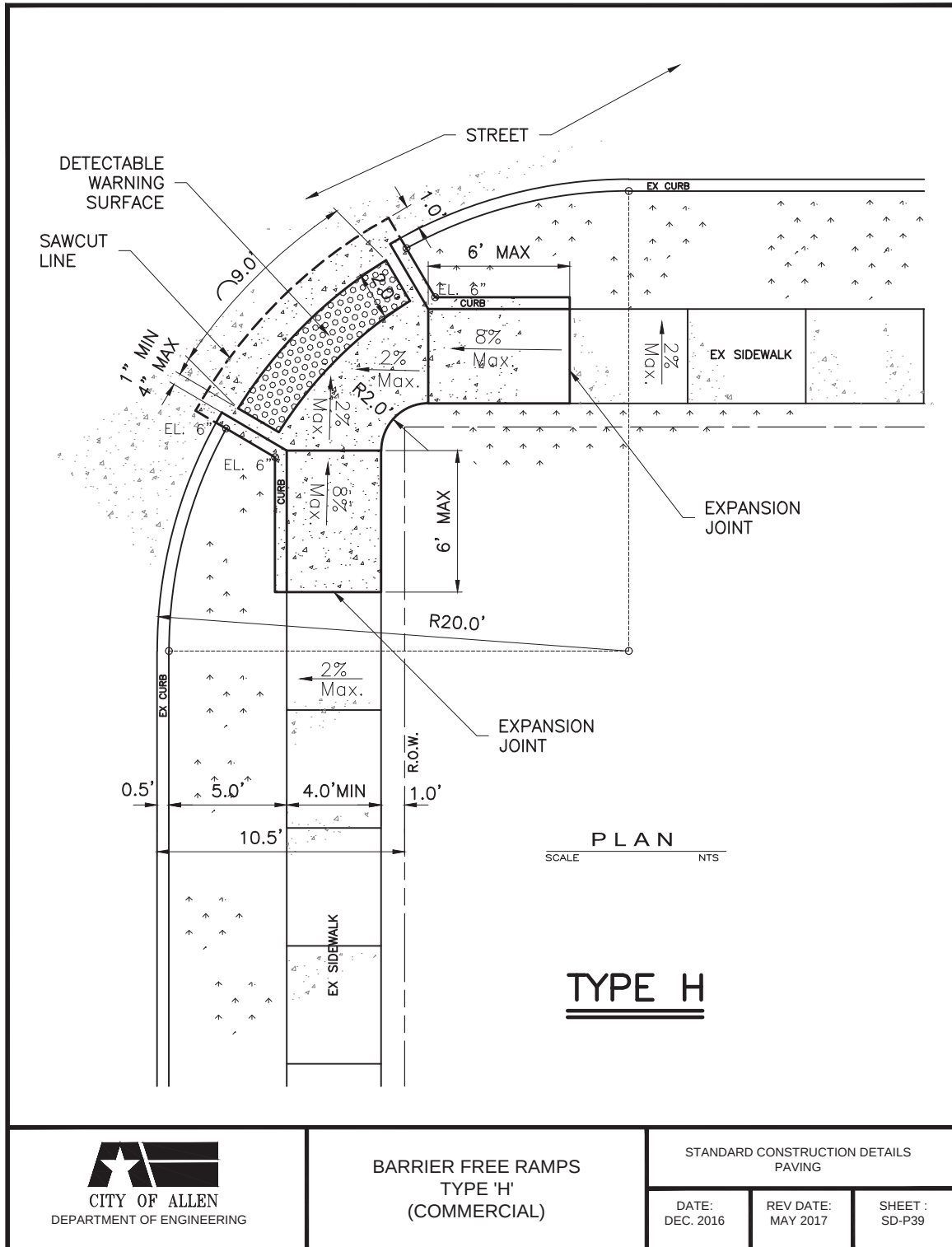
REV DATE:
MAY 2017

SHEET :
SD-P37

ALLEN LAND DEVELOPMENT CODE



APPENDIX F - STANDARD CONSTRUCTION DETAILS: PAVING



BARRIER FREE RAMPS
TYPE 'H'
(COMMERCIAL)

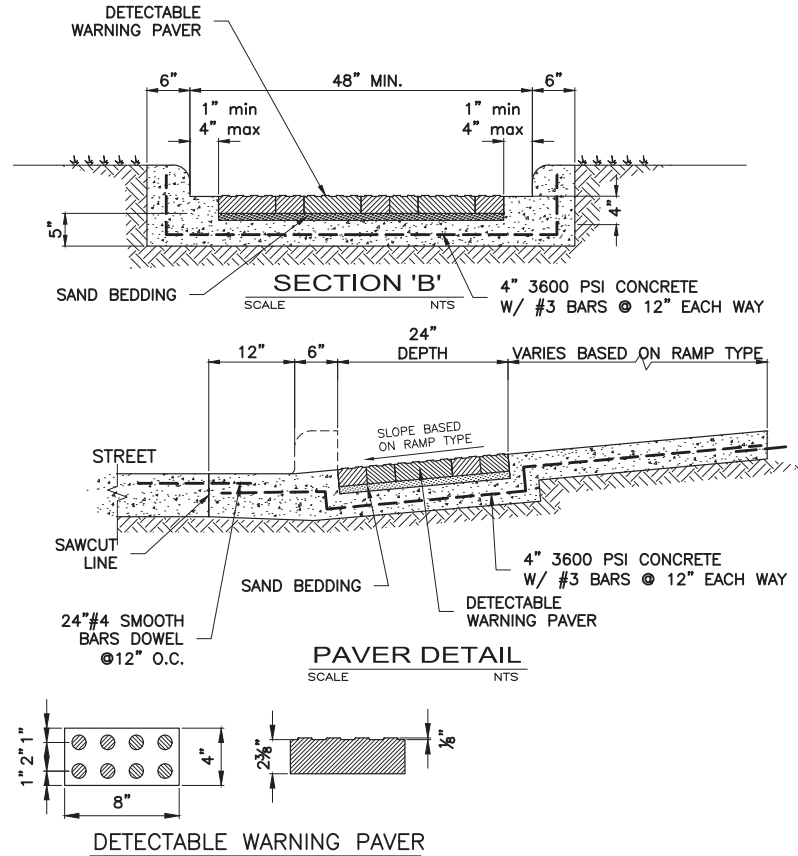
STANDARD CONSTRUCTION DETAILS
PAVING

DATE:
DEC. 2016

REV DATE:
MAY 2017

SHEET :
SD-P39

ALLEN LAND DEVELOPMENT CODE



GENERAL NOTES:

1. THE TRUNCATED DOME PATTERN BRICK PAVER SHALL BE 24 INCHES IN DEPTH, EXTENDING THE FULL WIDTH OF THE RAMP OPENING.
2. THE TRUNCATED DOME PATTERN SHALL BEGIN 6 TO 8 INCHES BEHIND PROJECTED BACK-OF-CURB LINE AND SHALL BE AN INTEGRAL PART OF THE WALKING SURFACE.
3. DOMES SHALL BE ARRANGED ON A SQUARE GRID, ALIGNED PERPENDICULAR TO THE BACK-OF-CURB.
4. BARRIER FREE RAMPS SHALL BE CONSTRUCTED IN ACCORDANCE WITH CURRENT ADA ACCESSIBILITY GUIDELINES.
5. MINIMUM DIMENSIONS SHOWN FOR TRUNCATED PATTERN AREA (i.e. 24"x48") SHALL BE CONSTRUCTED WITHOUT CUTTING ANY OF THE PATTERNED PAVERS. ACTUAL DIMENSIONS MAY BE LARGER THAN THOSE SHOWN.
6. DO NOT DOWEL INTO THE BACK OF CURB.
7. CONTRACTOR IS RESPONSIBLE FOR INSTALLING BRICK PAVER FREE OF DIPS, HUMP AND AIR VOIDS. IF SUCH DEFECT IS FOUND IT SHALL BE REPLACED OR REPAIRED AT CONTRACTOR EXPENSE.
8. ALL DETECTABLE SURFACE SHALL BE RED UNLESS OTHERWISE STATED.



BARRIER FREE GENERAL NOTE & DETECTABLE SURFACE

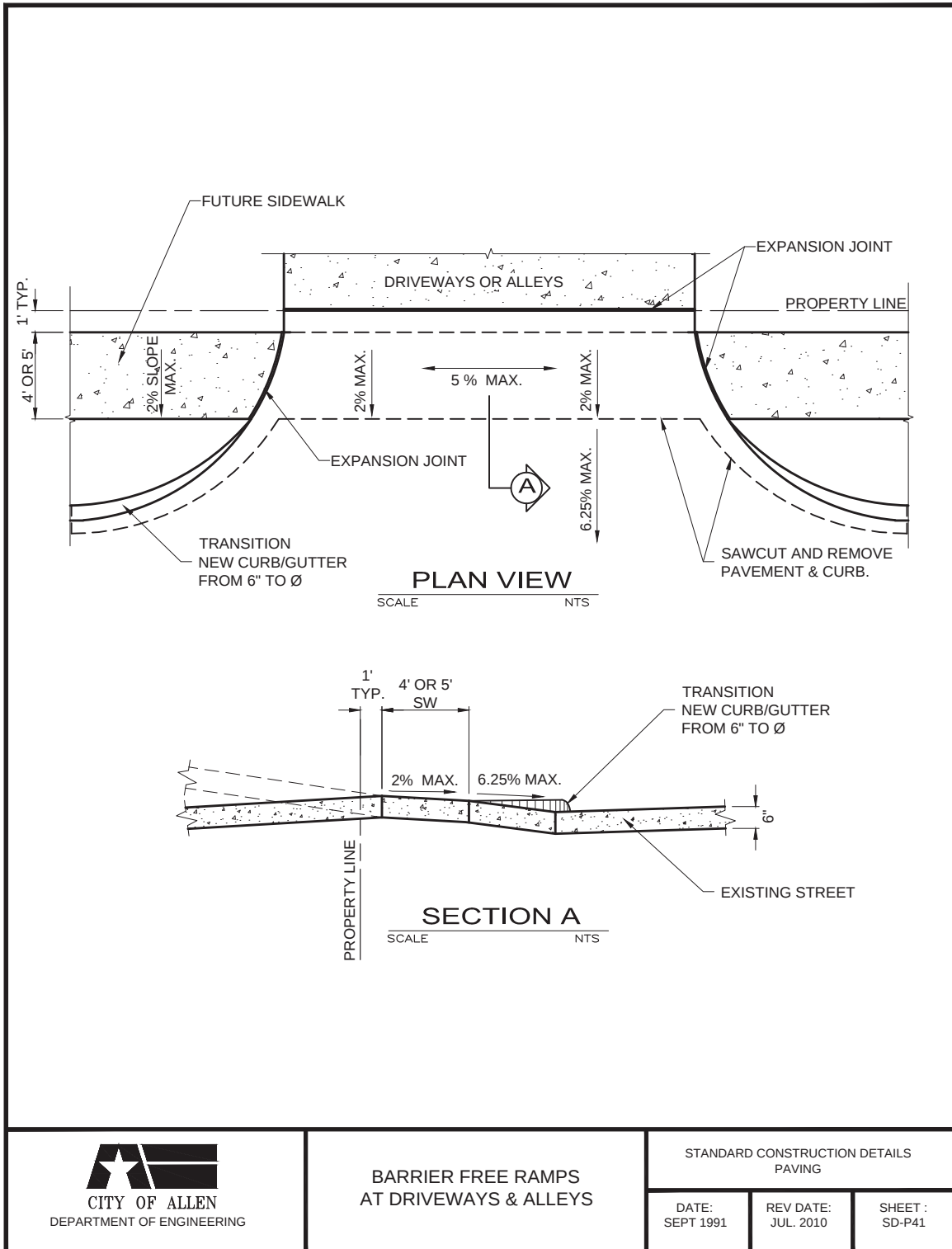
STANDARD CONSTRUCTION DETAILS PAVING

DATE:
MAR 2004

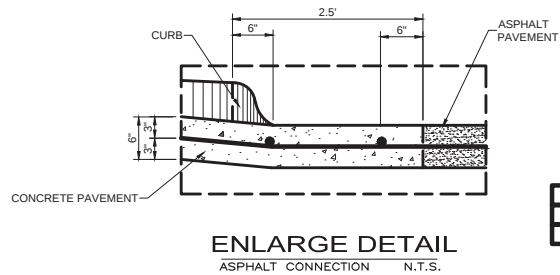
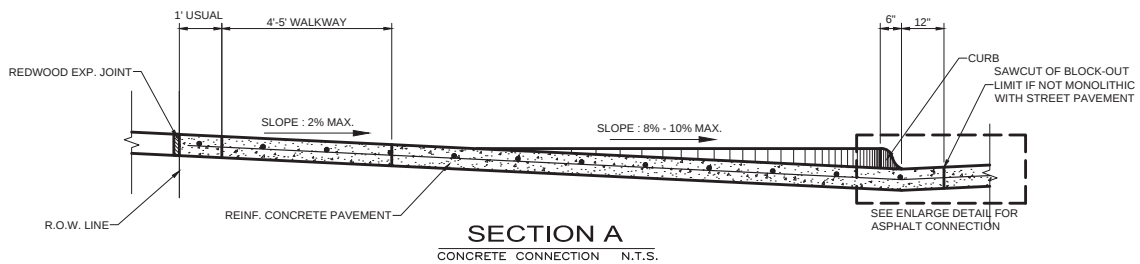
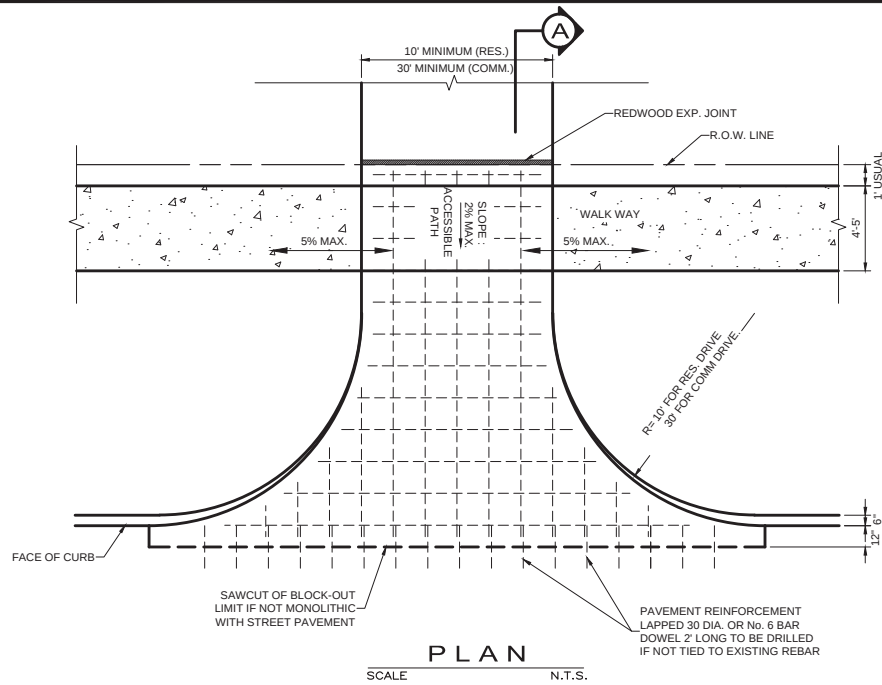
REV DATE:
MAY 2017

SHEET :
SD-P40

APPENDIX F - STANDARD CONSTRUCTION DETAILS: PAVING



ALLEN LAND DEVELOPMENT CODE



	CONSTRUCTED MAX.
CROSS SLOPE	2%
RUNNING SLOPE	5% MAX WHEN ADJACENT STREET ≤ 5%



DRIVEWAY RETURN DETAILS (RESIDENTIAL AND COMMERCIAL)

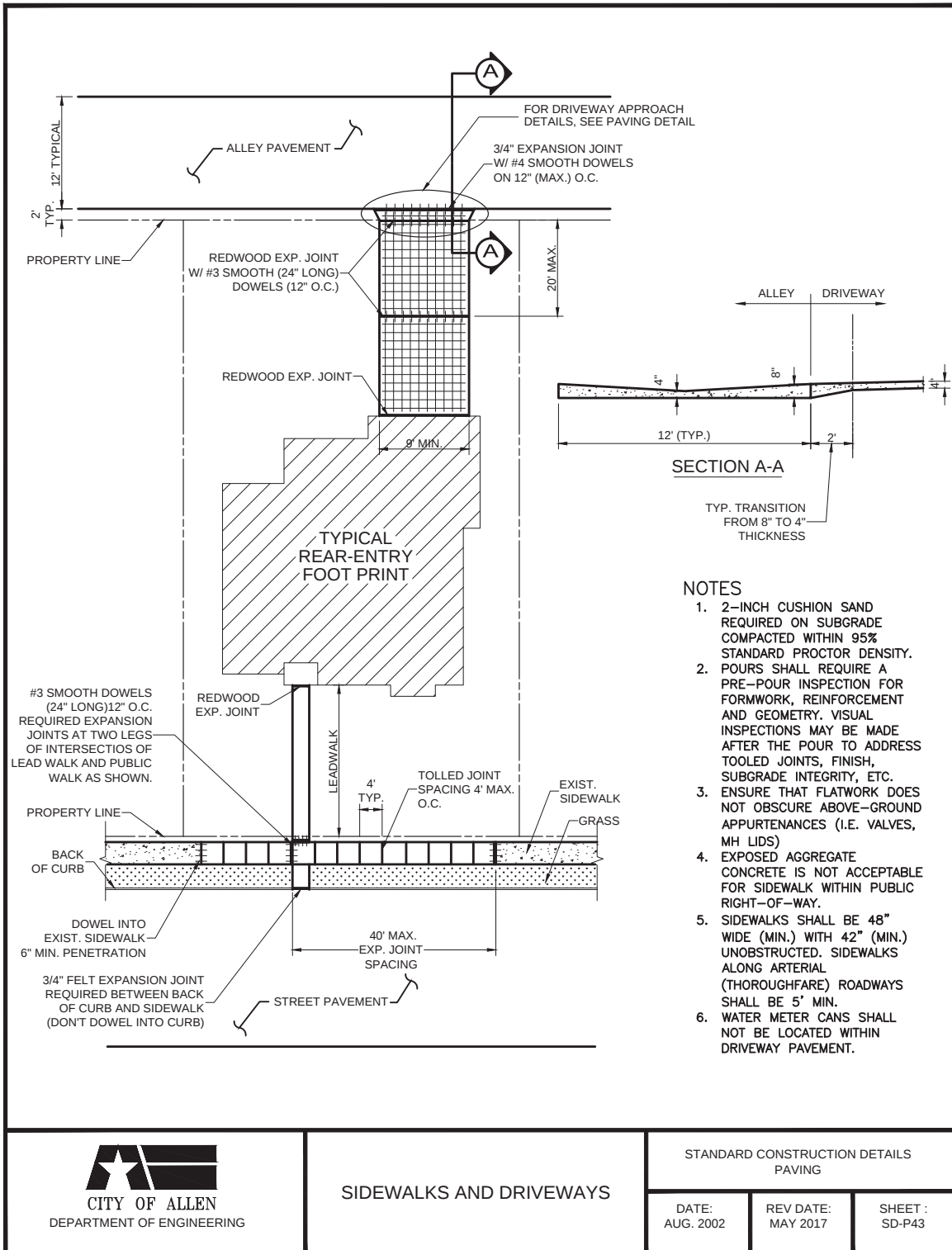
STANDARD CONSTRUCTION DETAILS PAVING

DATE:
SEPT 1991

REV DATE:
MAY 2017

SHEET :
SD-P42

APPENDIX F - STANDARD CONSTRUCTION DETAILS: PAVING



CITY OF ALLEN
DEPARTMENT OF ENGINEERING

SIDEWALKS AND DRIVEWAYS

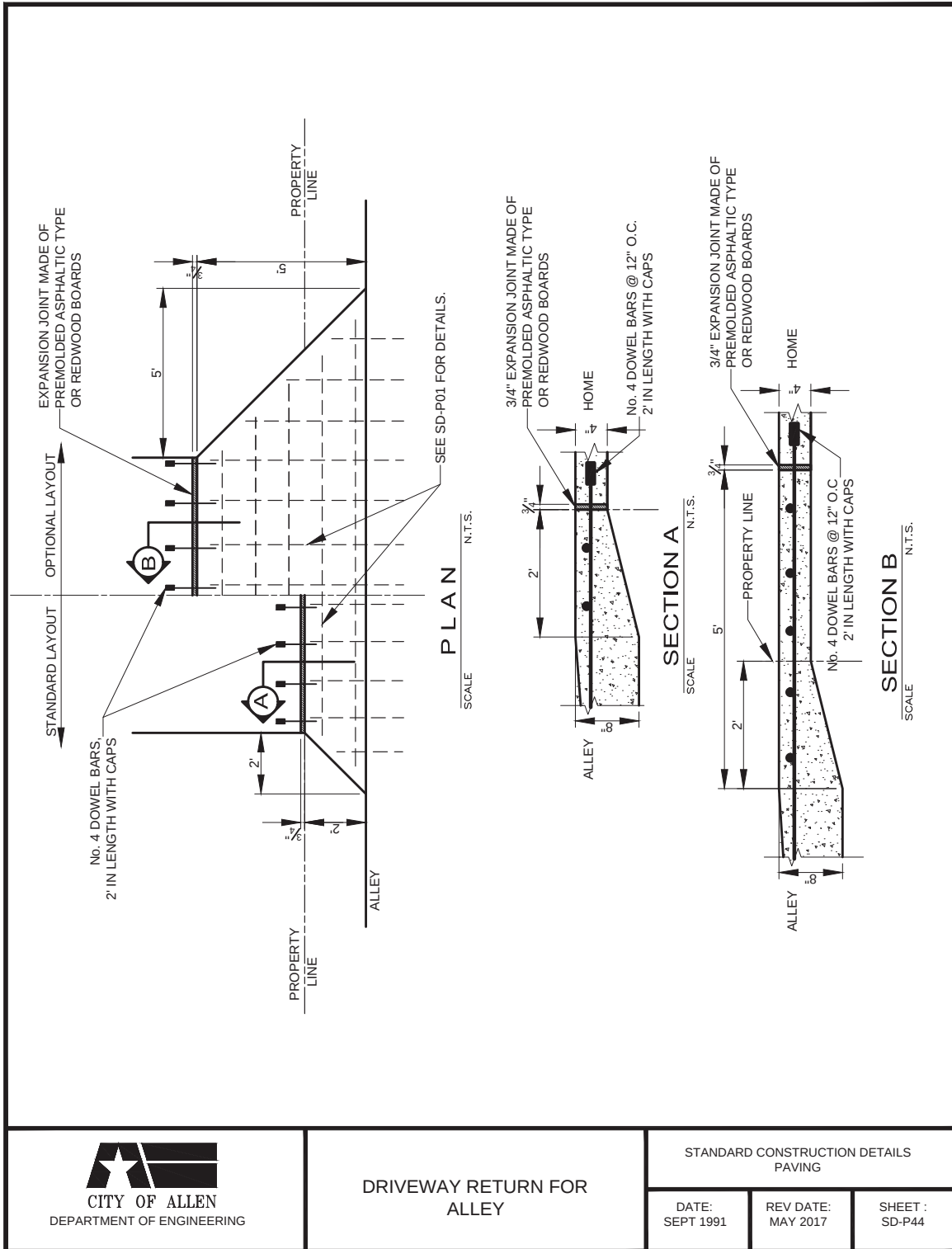
STANDARD CONSTRUCTION DETAILS
PAVING

DATE:
AUG. 2002

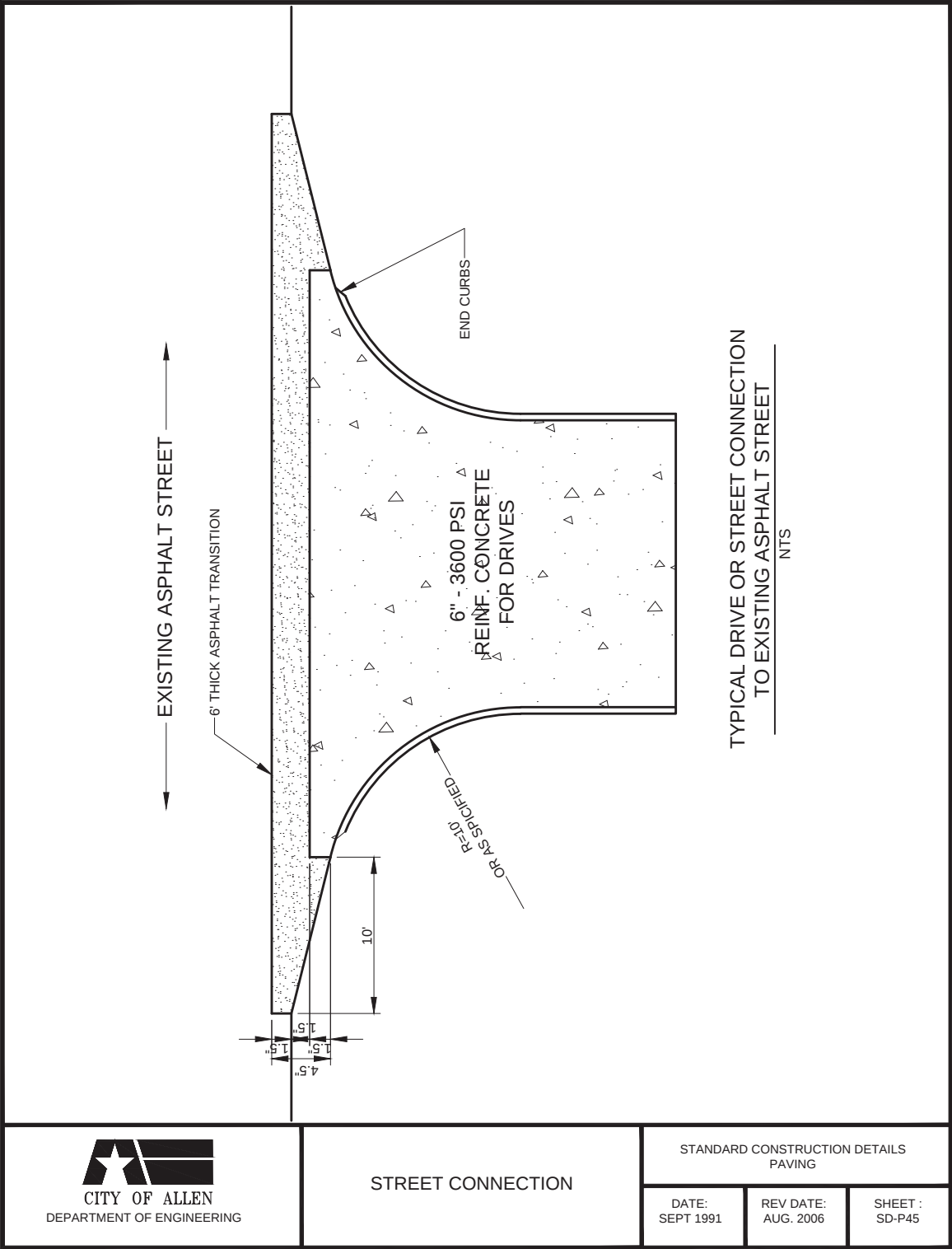
REV DATE:
MAY 2017

SHEET :
SD-P43

ALLEN LAND DEVELOPMENT CODE

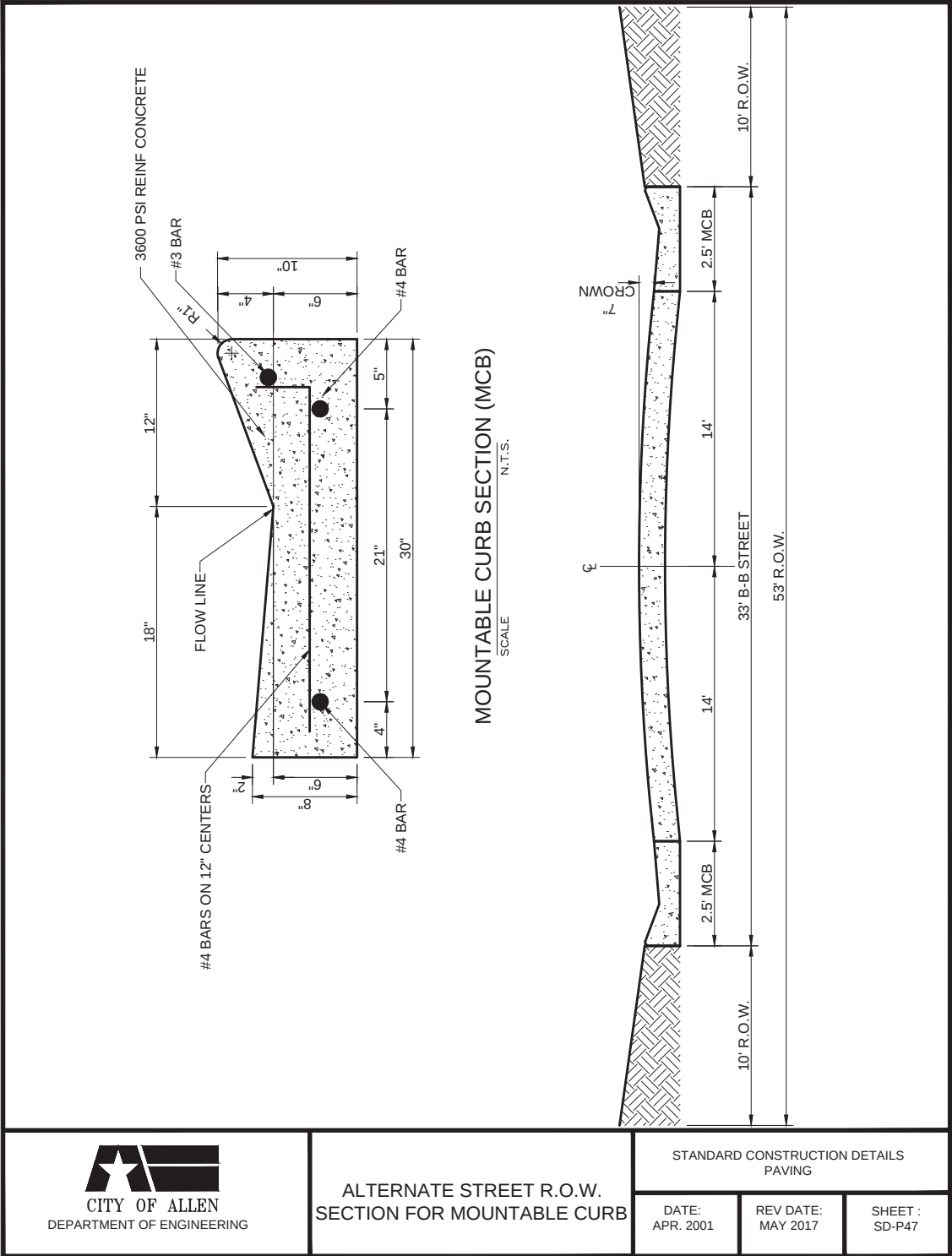


APPENDIX F - STANDARD CONSTRUCTION DETAILS: PAVING



[illegible]

APPENDIX F - STANDARD CONSTRUCTION DETAILS:
PAVING



ALTERNATE STREET R.O.W.
SECTION FOR MOUNTABLE CURB

STANDARD CONSTRUCTION DETAILS
PAVING

DATE:
APR. 2001

REV DATE:
MAY 2017

SHEET :
SD-P47

ALLEN LAND DEVELOPMENT CODE

