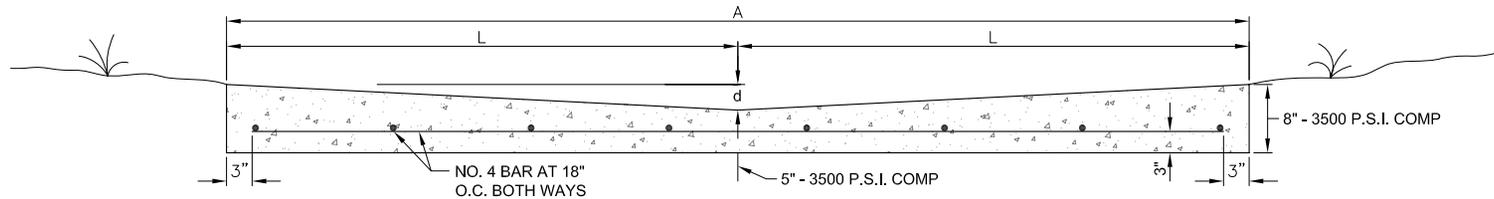


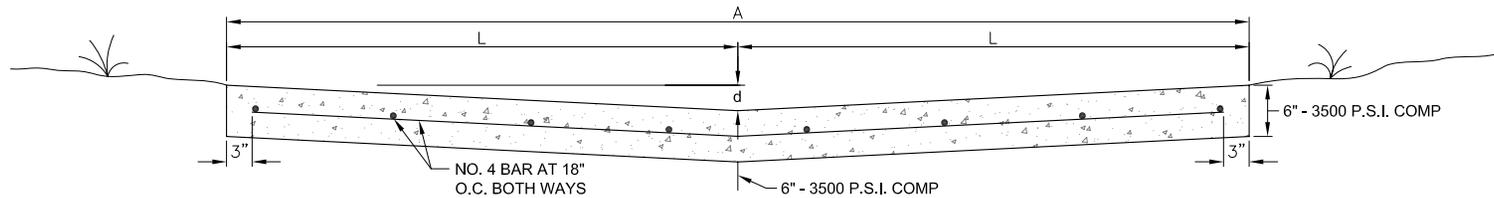
SECTION 2-D ALLEY & DRIVEWAY RETURNS

CITY OF SACHSE, TEXAS DEPARTMENT OF ENGINEERING		
STANDARD CONSTRUCTION DETAILS PAVING		
ALLEY & DRIVEWAY RETURNS		
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ALLEY WIDTH (A)	HALF SECTION WIDTH (L)	INVERT DEPTH (d)
10'	5'	3"
12'	6'	3"
20'	10'	6"



STANDARD 10' TO 20' ALLEY SECTION

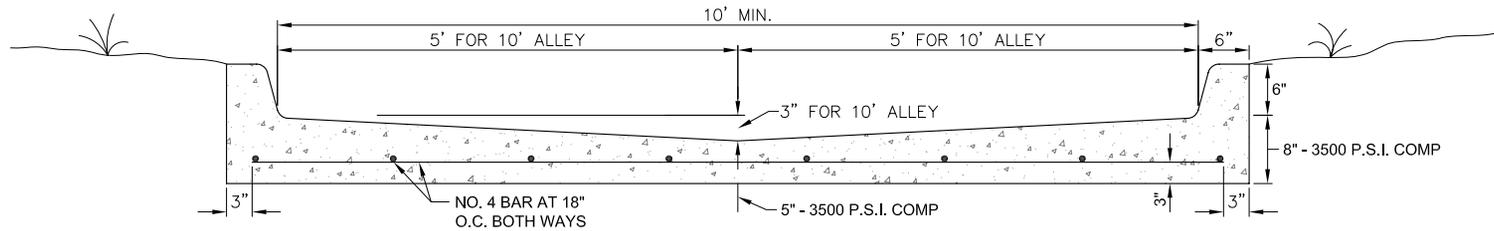


ALTERNATE ALLEY SECTION

GENERAL NOTES FOR ALLEY REQUIREMENTS AND DRIVEWAYS:

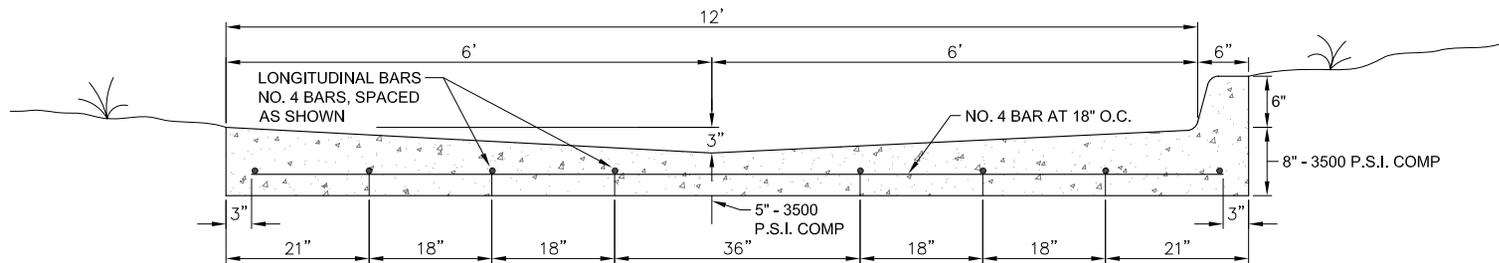
1. CONCRETE FOR ALLEY RETURNS AND DRIVEWAYS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS IDENTICAL TO THAT SPECIFIED FOR THE STREET PAVEMENT OR BASE WHEN BUILT AS COMPONENTS OF A CONCRETE PAVING PROJECT. WHEN BUILT SEPARATELY, THE STRENGTH SHALL BE AS SPECIFIED ON THE CONSTRUCTION PLANS.
2. CONCRETE FOR ALLEY PAVEMENT SHALL BE OF THE STRENGTH SPECIFIED ON THE CONSTRUCTION PLANS (3500 P.S.I. MINIMUM COMPRESSIVE).
3. SPACING AND CONSTRUCTION JOINTS SHALL CONFORM TO STREET PAVEMENT DETAILS.
4. LIME STABILIZED SUBGRADE SHALL BE 6" THICK WITH 6% HYDRATED LIME BY UNIT DRY WEIGHT OF THE SOIL.

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STANDARD ALLEY SECTION WITH CURBS

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



ALTERNATE 12' ALLEY SECTION/CURBS

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

CITY OF SACHSE, TEXAS
DEPARTMENT OF ENGINEERING

STANDARD CONSTRUCTION DETAILS
PAVING

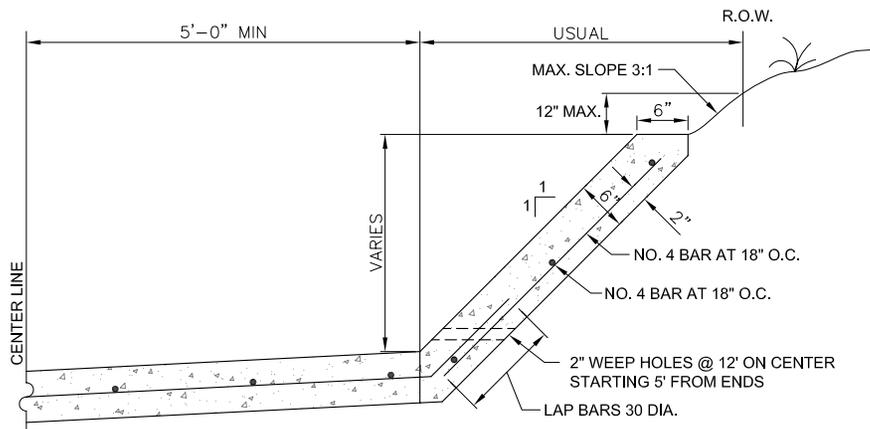
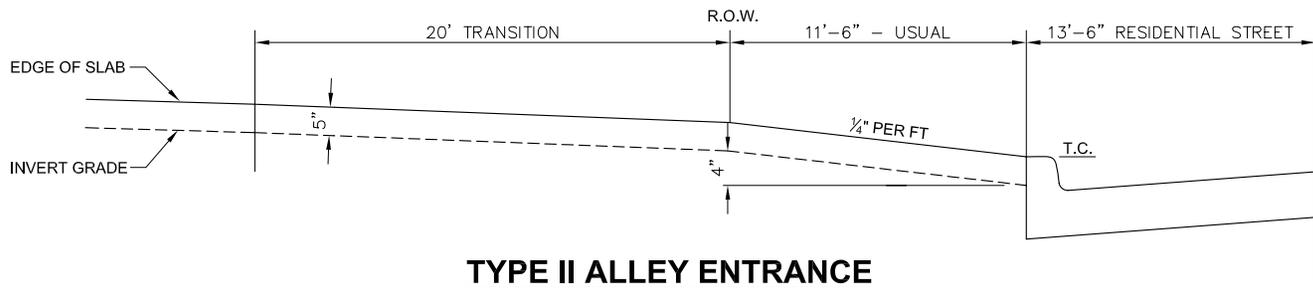
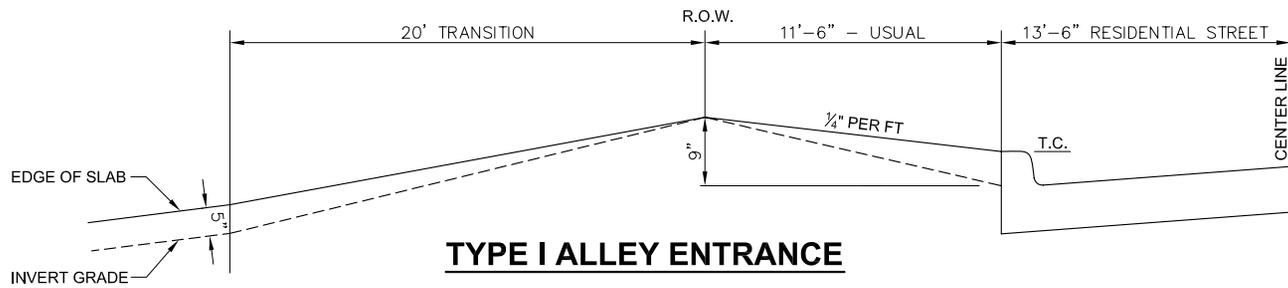
ALLEY & DRIVEWAY RETURNS

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ALLEY SLOPE PROTECTION

REQUIRED WHERE SLOPE OF GROUND IS GREATER THAN 3:1

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PAVING

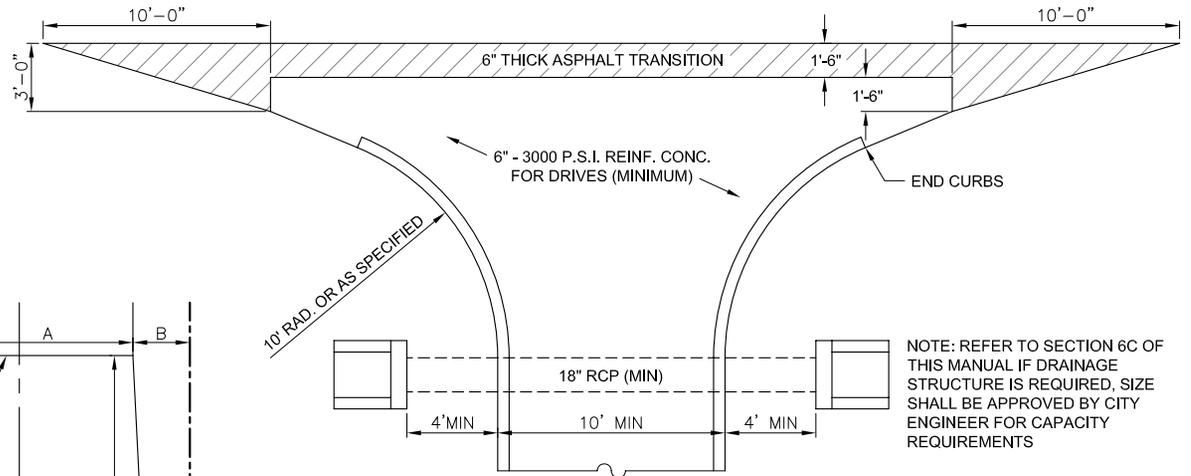
ALLEY & DRIVEWAY RETURNS

APPROVED:

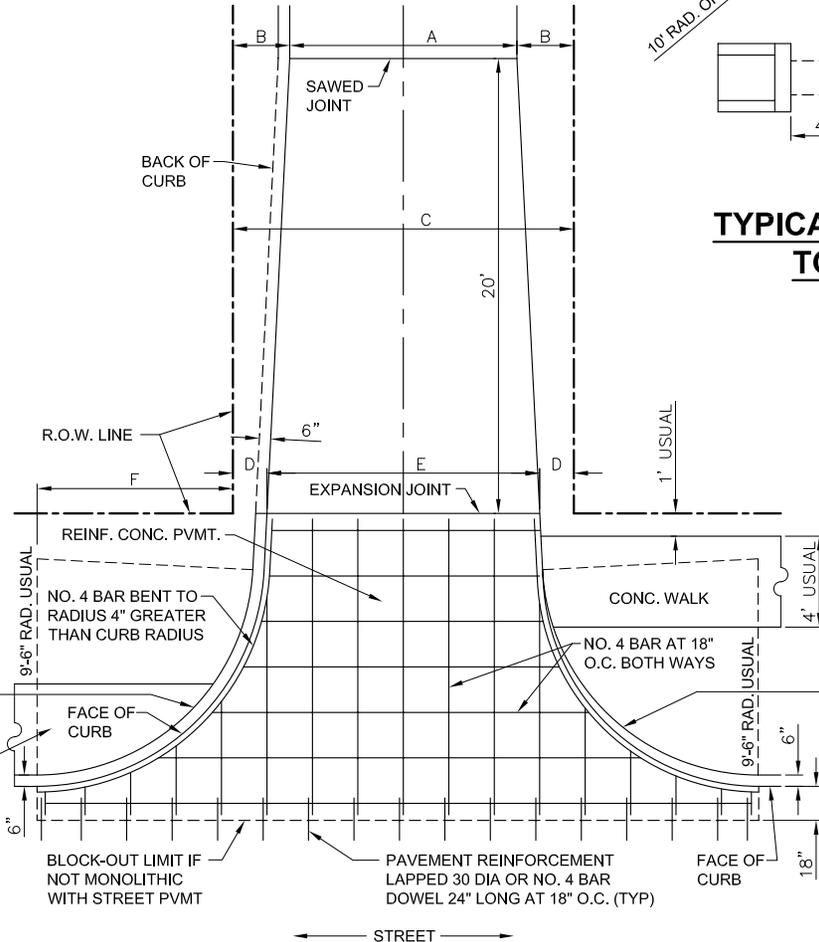
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TYPICAL DRIVE OR STREET CONNECTION TO EXISTING ASPHALT STREET



ALLEY WIDTH	A	B	C	D	E	F
10'	10'	2'-6"	15'	1'-6"	12'	8'-6"
12'	12'	1'-6"	15'	1'-6"	12'	8'-6"
20'	20'	0	20'	0	20'	10'

ALLEY RETURN DETAILS

CITY OF SACHSE, TEXAS
DEPARTMENT OF ENGINEERING

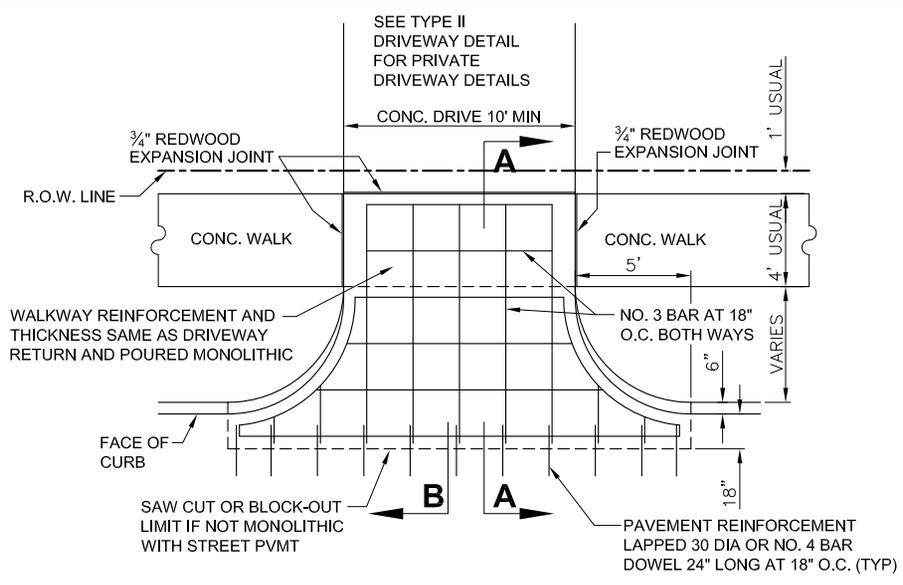
STANDARD CONSTRUCTION DETAILS
PAVING

ALLEY & DRIVEWAY RETURNS

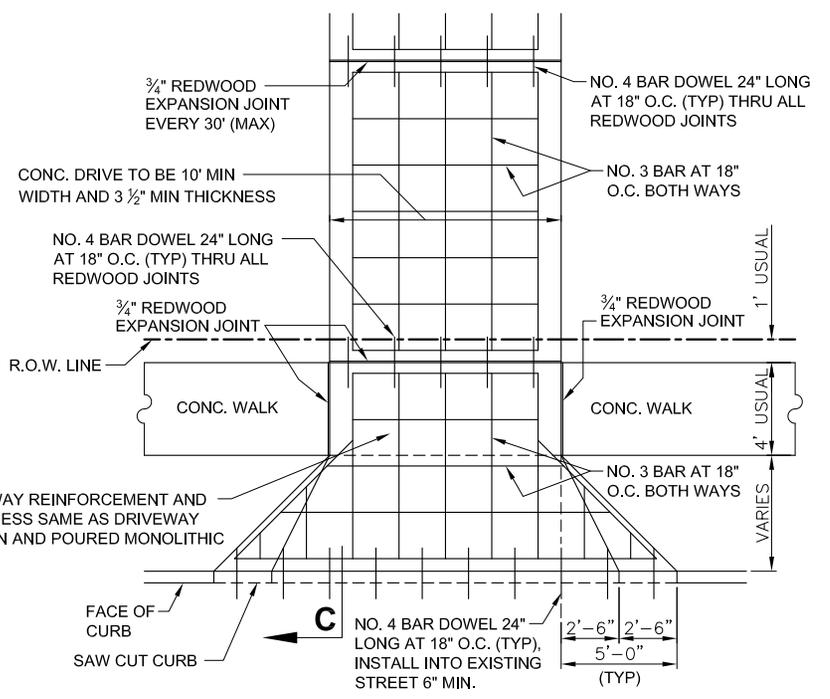
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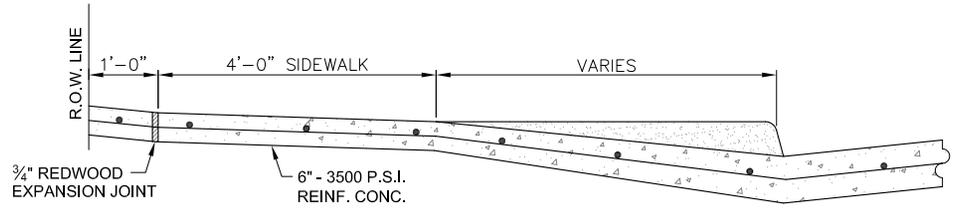
Page 5



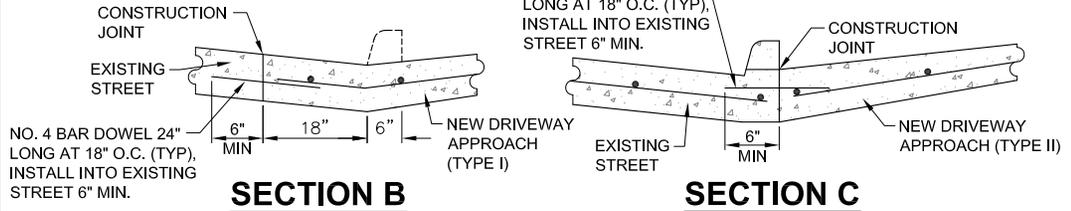
DRIVEWAY RETURN TYPE I



DRIVEWAY RETURN TYPE II

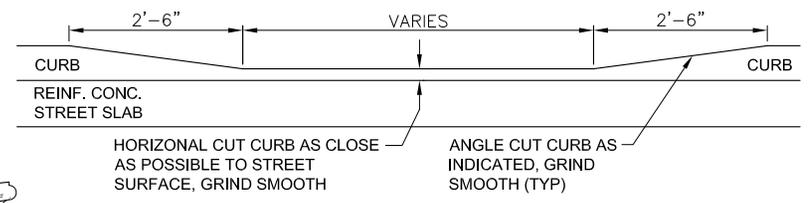


SECTION A-A



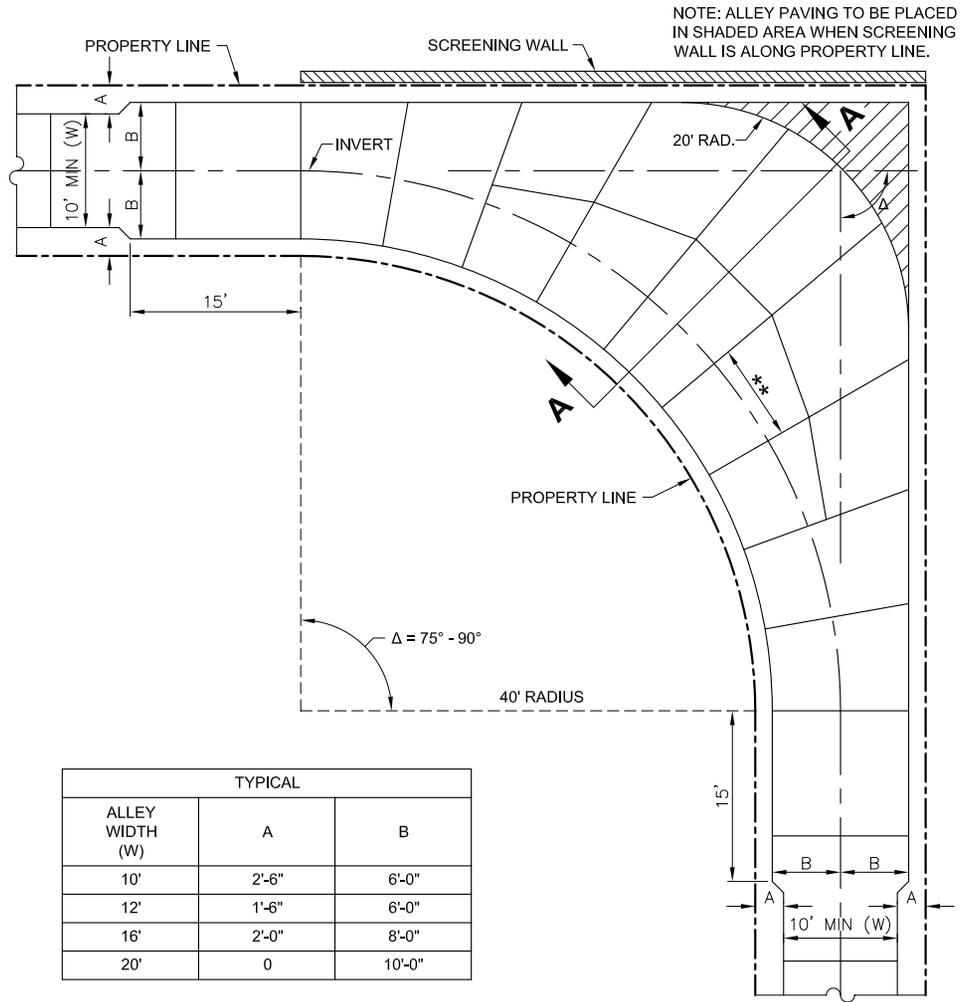
DRIVEWAY RETURN DETAILS

NOTE: IF SIDEWALK EXIST IN PATH OF DRIVEWAY, REMOVE AND REPOUR WITH APPROACH - MONOLITHIC



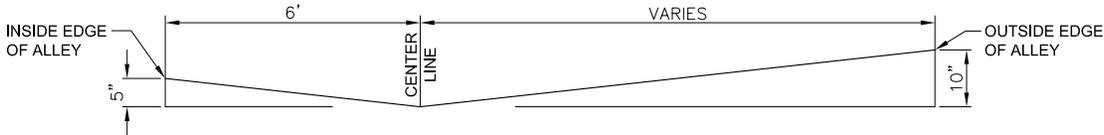
CURB CUT FOR DRIVEWAY RETURN TYPE II

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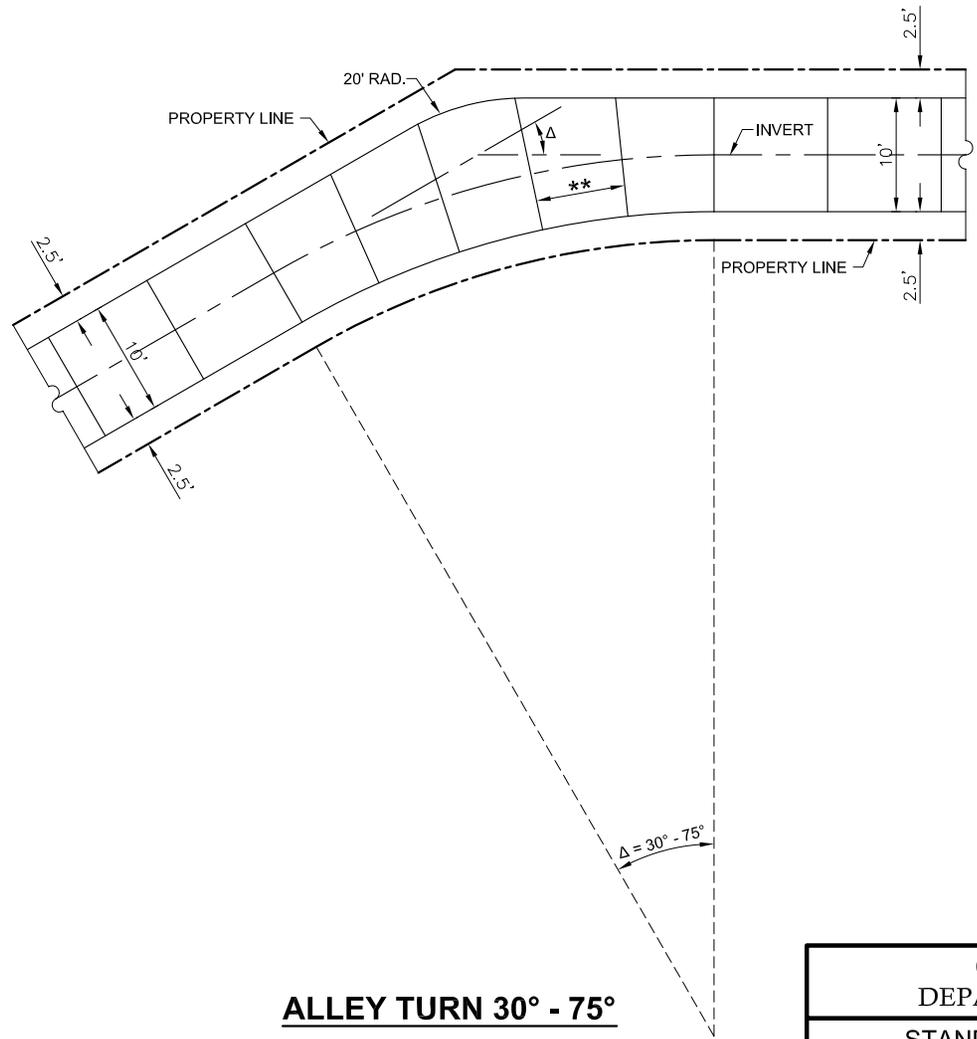
TYPICAL		
ALLEY WIDTH (W)	A	B
10'	2'-6"	6'-0"
12'	1'-6"	6'-0"
16'	2'-0"	8'-0"
20'	0	10'-0"

ALLEY TURN 75° - 90°



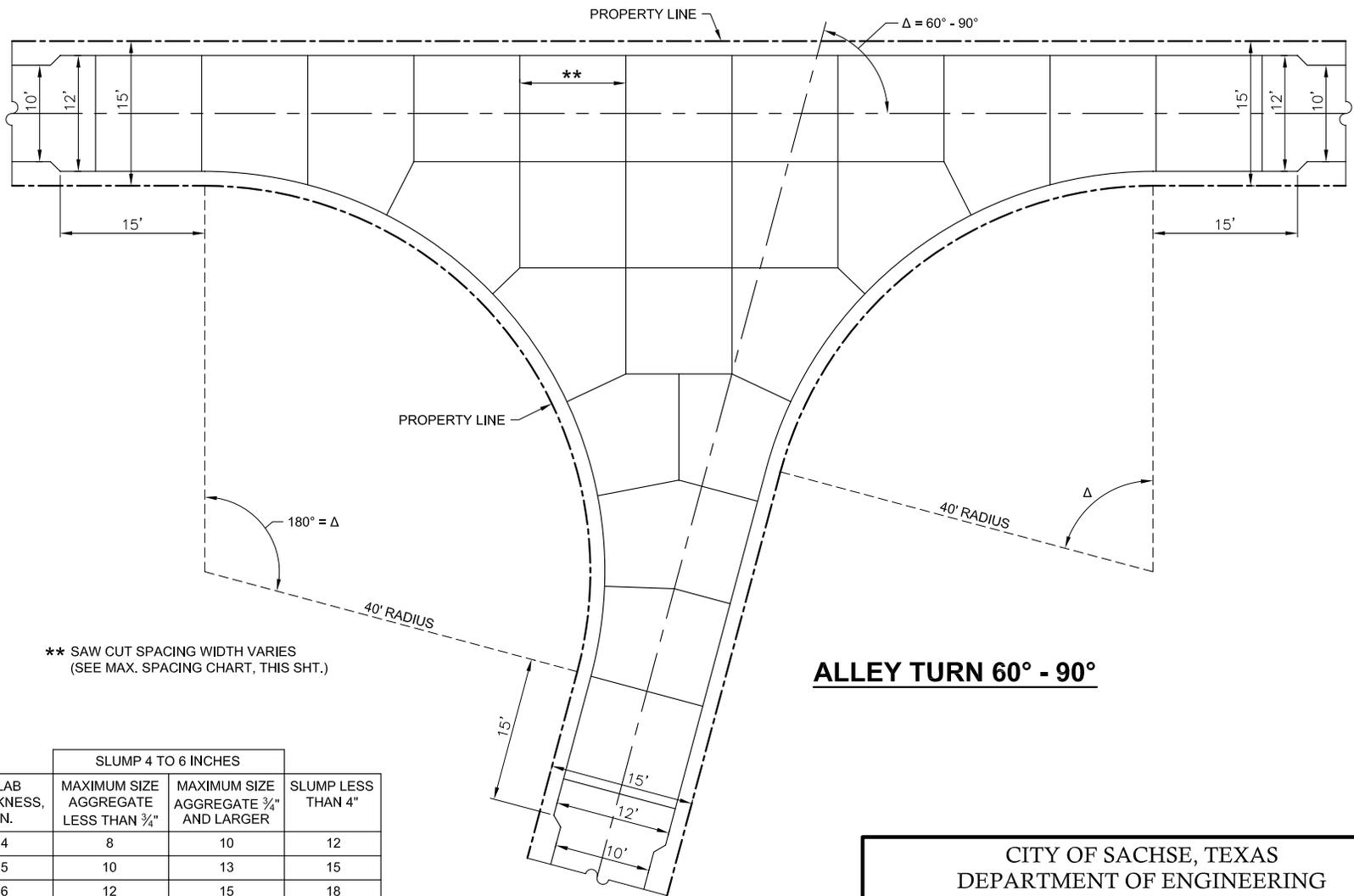
SECTION A-A

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ALLEY TURN 30° - 75°

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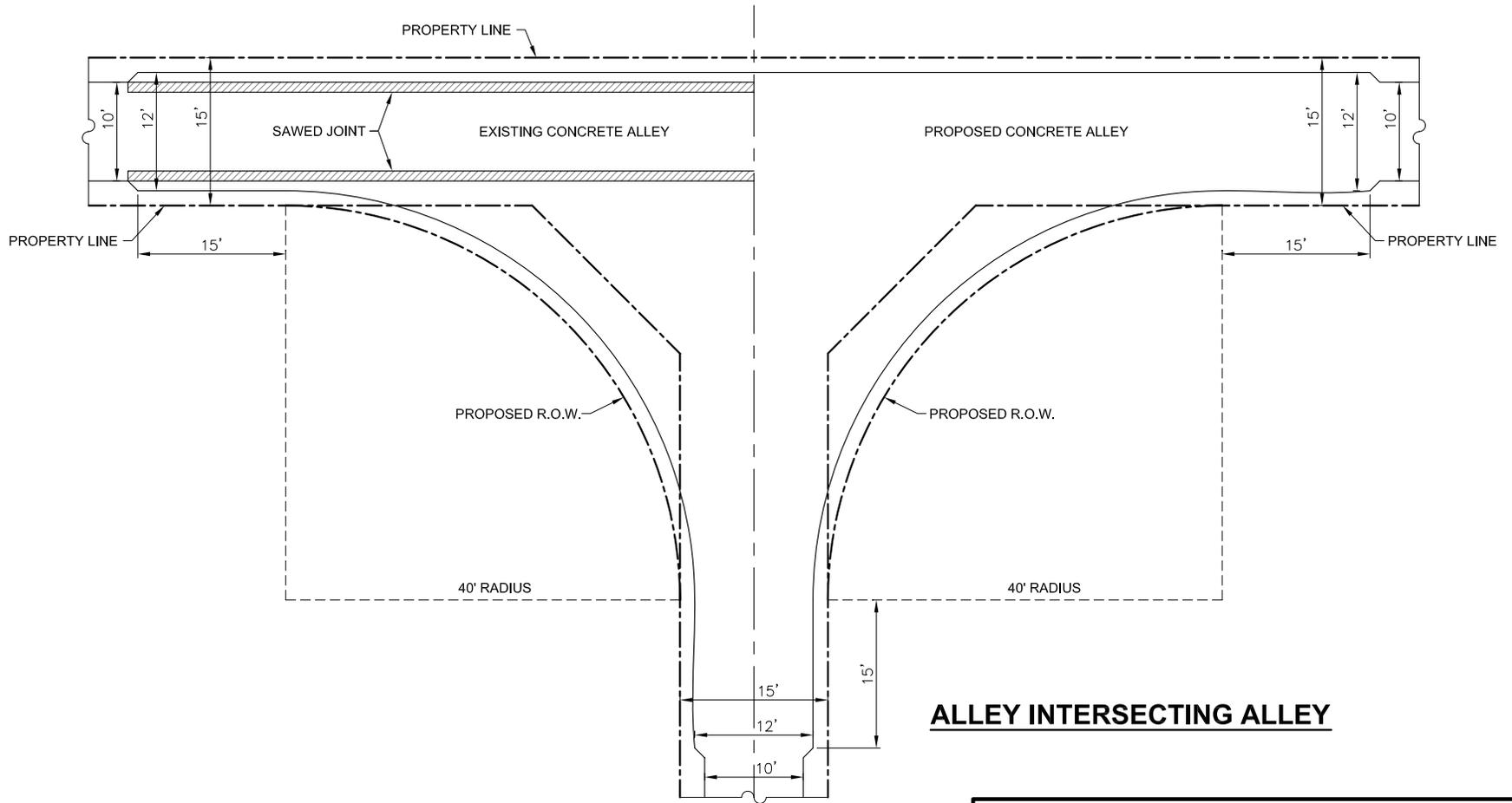
** SAW CUT SPACING WIDTH VARIES
(SEE MAX. SPACING CHART, THIS SHT.)

ALLEY TURN 60° - 90°

SLAB THICKNESS, IN.	SLUMP 4 TO 6 INCHES		SLUMP LESS THAN 4"
	MAXIMUM SIZE AGGREGATE LESS THAN 3/4"	MAXIMUM SIZE AGGREGATE 3/4" AND LARGER	
4	8	10	12
5	10	13	15
6	12	15	18
7	14	18	21
8	16	20	24
9	18	23	27
10	20	25	30

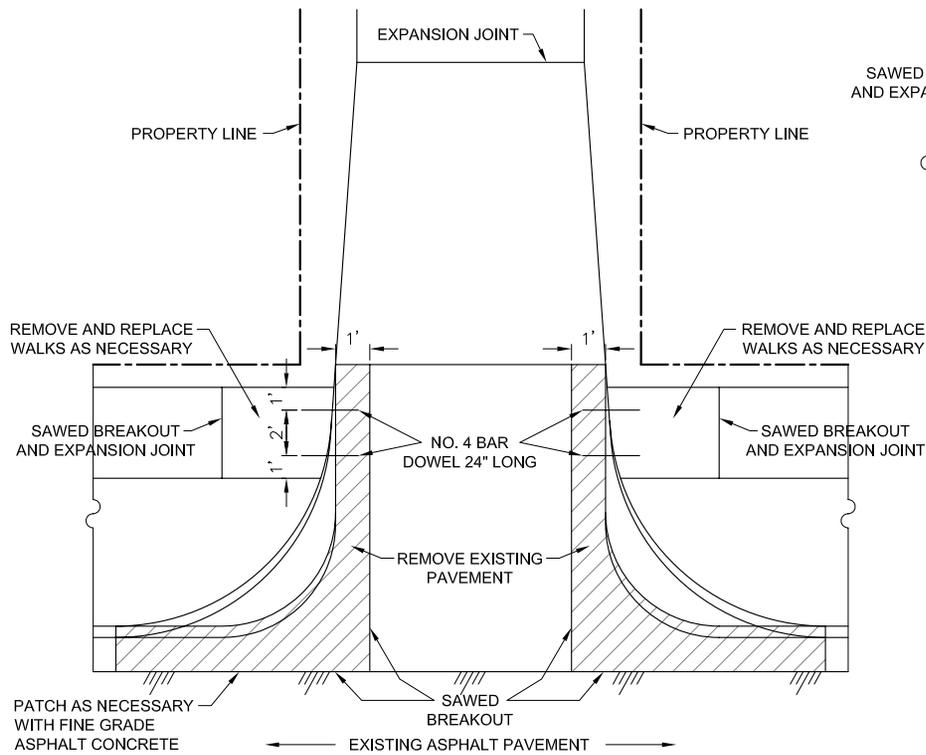
MAXIMUM SPACING OF SAWED TRANSVERSE CONTRACTION JOINTS IN FEET

CITY OF SACHSE, TEXAS DEPARTMENT OF ENGINEERING		
STANDARD CONSTRUCTION DETAILS PAVING		
ALLEY & DRIVEWAY RETURNS		
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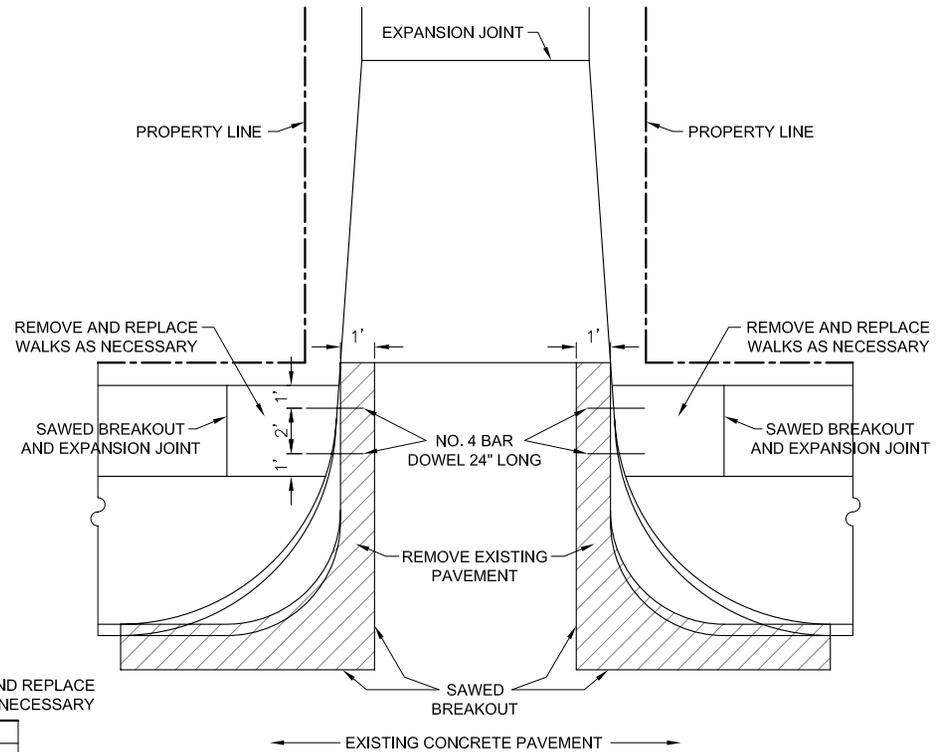
ALLEY INTERSECTING ALLEY

CITY OF SACHSE, TEXAS DEPARTMENT OF ENGINEERING		
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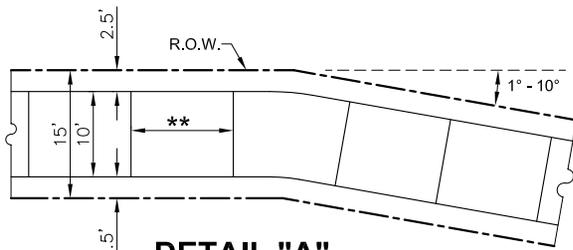
RETURN AT CONCRETE STREET

EXISTING ALLEY RETURN MODIFICATIONS

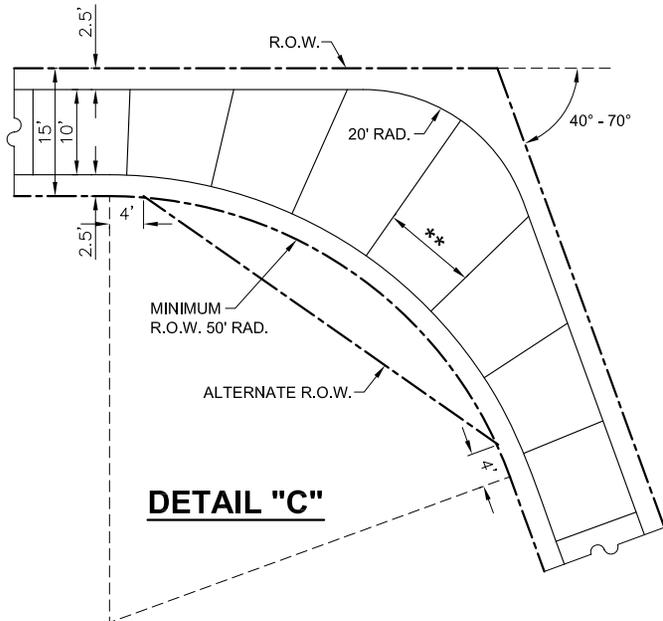


RETURN AT CONCRETE STREET

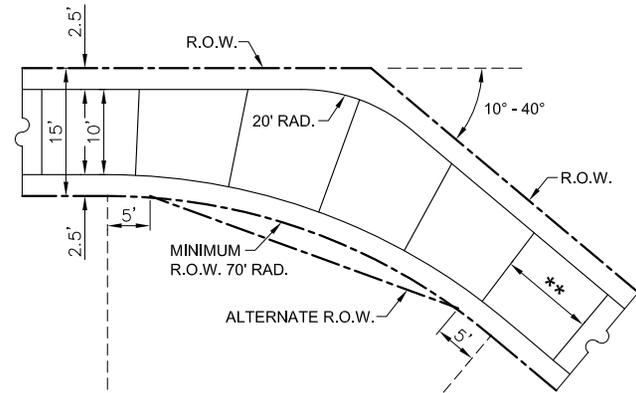
CITY OF SACHSE, TEXAS DEPARTMENT OF ENGINEERING		
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DETAIL "A"



DETAIL "C"



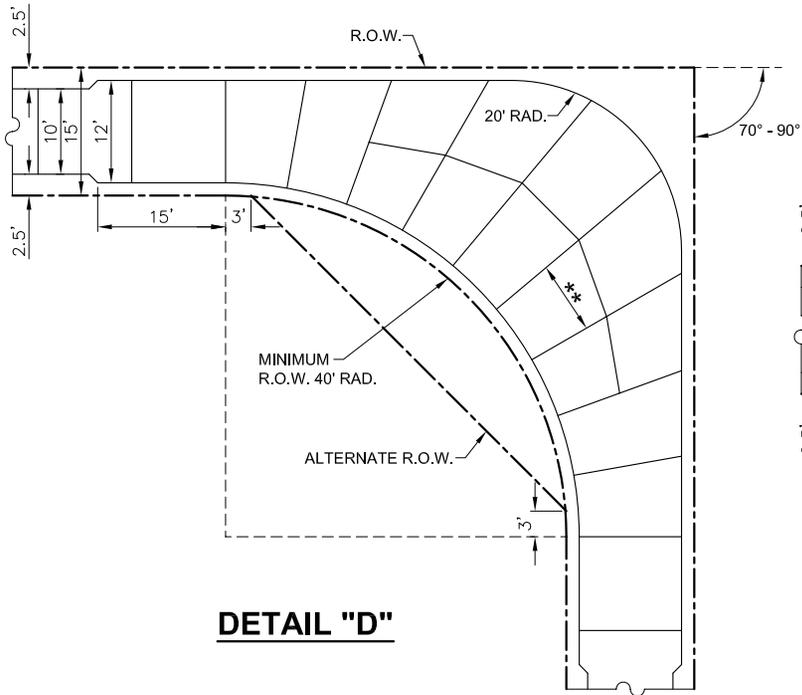
DETAIL "B"

** SAW CUT SPACING WIDTH VARIES
(SEE MAX. SPACING CHART, THIS SHT.)

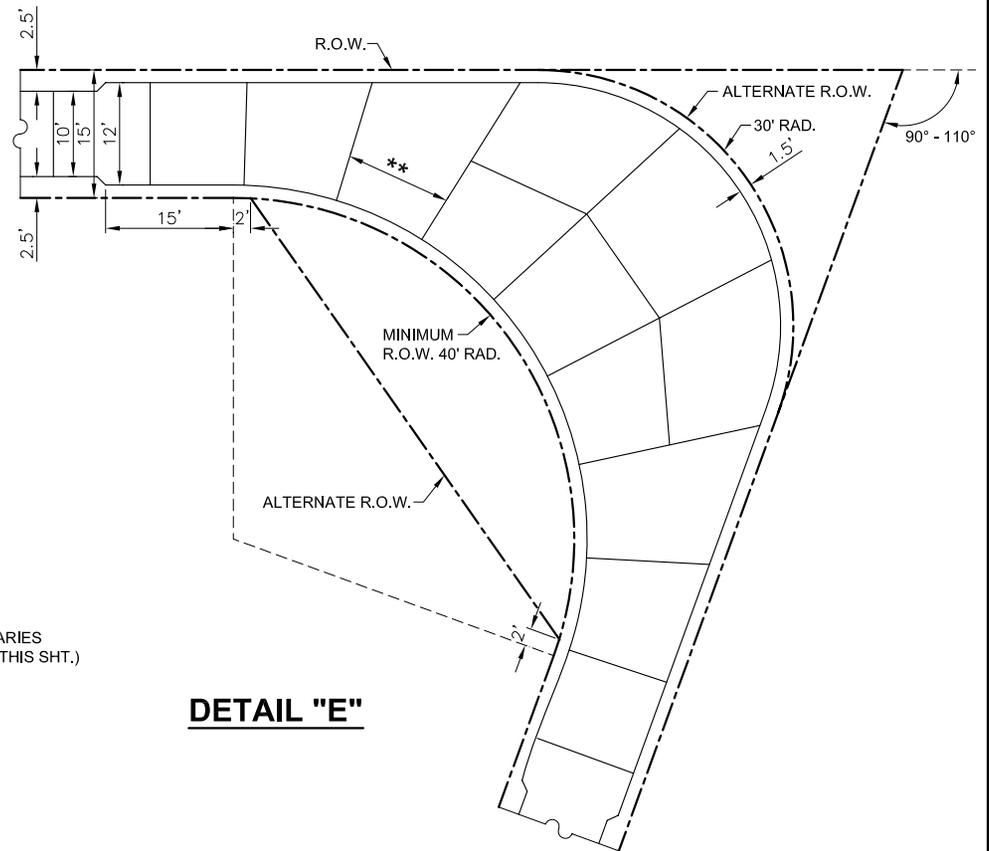
SLUMP 4 TO 6 INCHES			
SLAB THICKNESS, IN.	MAXIMUM SIZE AGGREGATE LESS THAN 3/4"	MAXIMUM SIZE AGGREGATE 3/4" AND LARGER	SLUMP LESS THAN 4"
4	8	10	12
5	10	13	15
6	12	15	18
7	14	18	21
8	16	20	24
9	18	23	27
10	20	25	30

MAXIMUM SPACING OF SAWED TRANSVERSE CONTRACTION JOINTS IN FEET

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DETAIL "D"



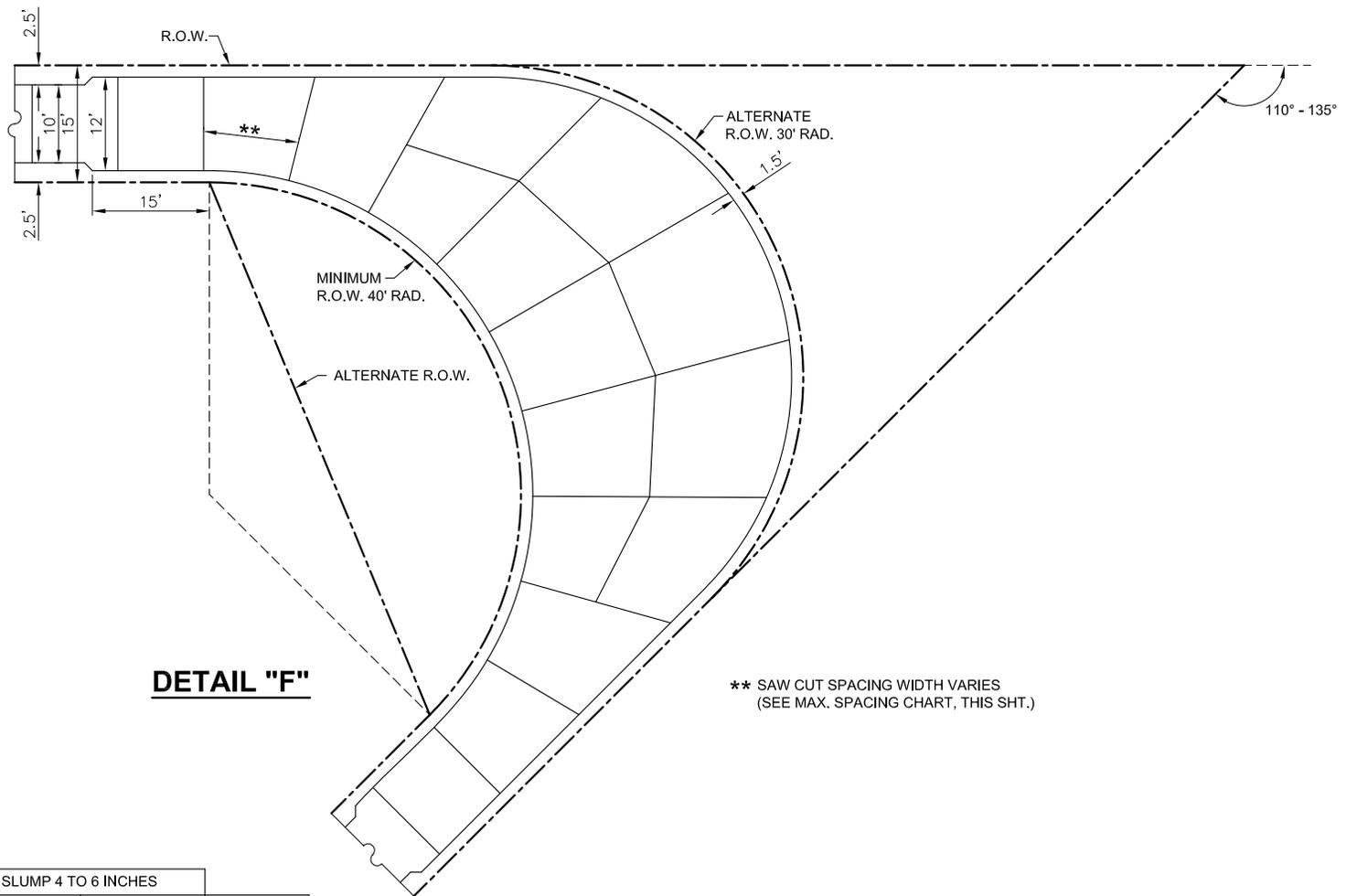
DETAIL "E"

** SAW CUT SPACING WIDTH VARIES
(SEE MAX. SPACING CHART, THIS SHT.)

SLAB THICKNESS, IN.	SLUMP 4 TO 6 INCHES		SLUMP LESS THAN 4"
	MAXIMUM SIZE AGGREGATE LESS THAN 3/4"	MAXIMUM SIZE AGGREGATE 3/4" AND LARGER	
4	8	10	12
5	10	13	15
6	12	15	18
7	14	18	21
8	16	20	24
9	18	23	27
10	20	25	30

MAXIMUM SPACING OF SAWED TRANSVERSE CONTRACTION JOINTS IN FEET

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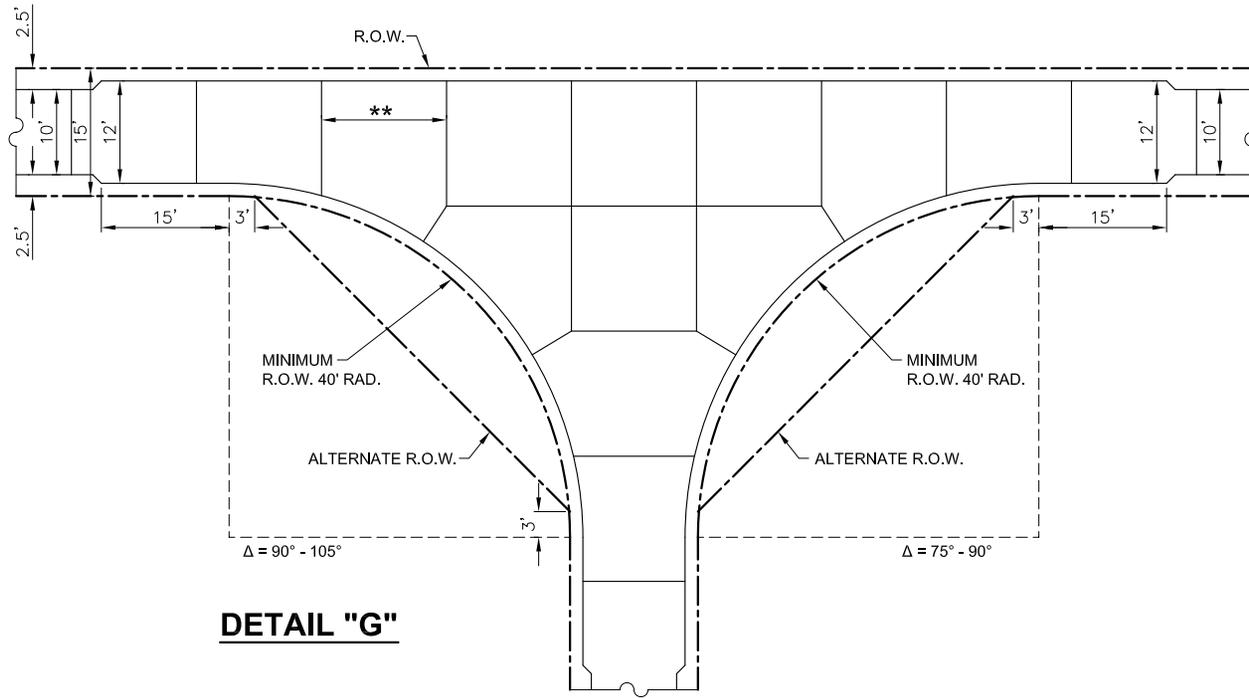
DETAIL "F"

** SAW CUT SPACING WIDTH VARIES
(SEE MAX. SPACING CHART, THIS SHT.)

SLAB THICKNESS, IN.	SLUMP 4 TO 6 INCHES		SLUMP LESS THAN 4"
	MAXIMUM SIZE AGGREGATE LESS THAN 3/4"	MAXIMUM SIZE AGGREGATE 3/4" AND LARGER	
4	8	10	12
5	10	13	15
6	12	15	18
7	14	18	21
8	16	20	24
9	18	23	27
10	20	25	30

MAXIMUM SPACING OF SAWED TRANSVERSE CONTRACTION JOINTS IN FEET

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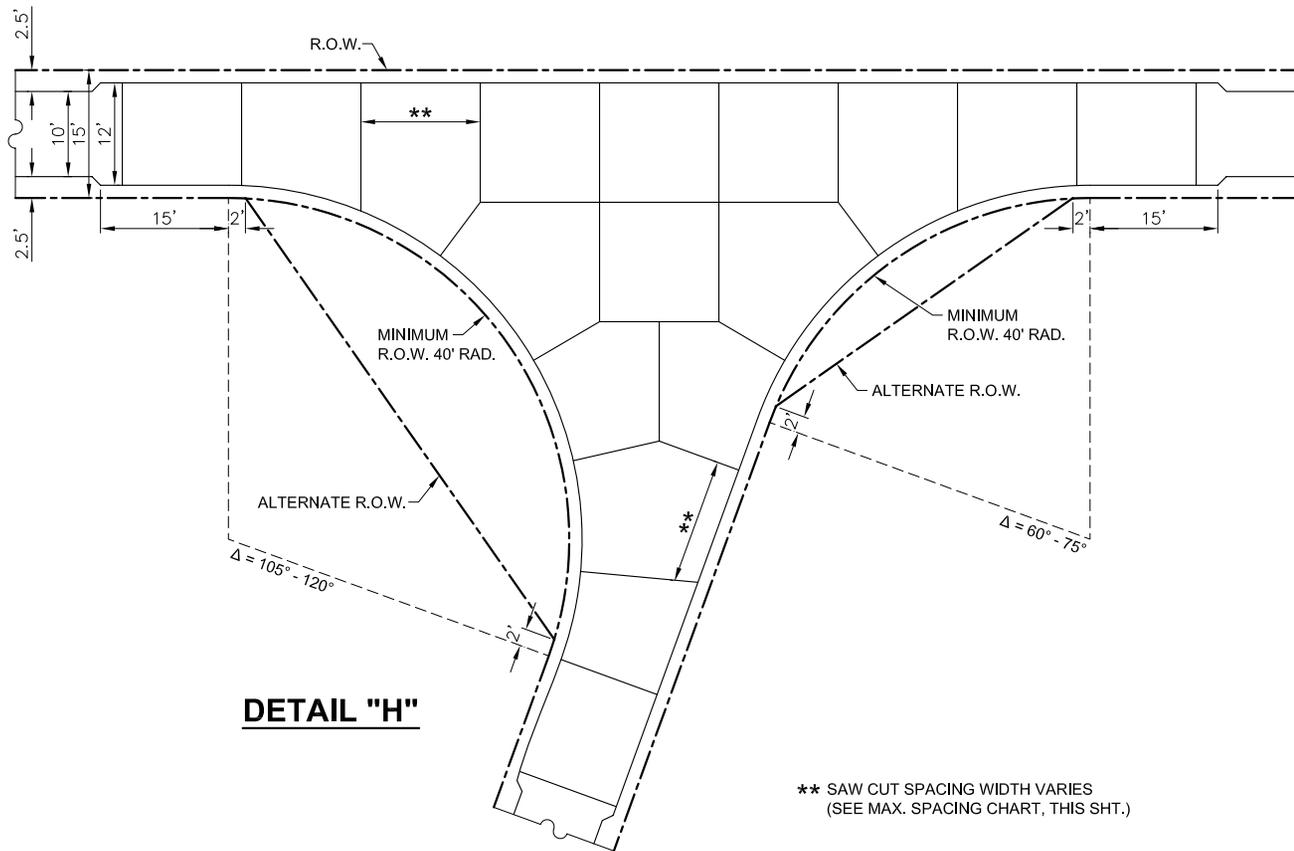
DETAIL "G"

** SAW CUT SPACING WIDTH VARIES
(SEE MAX. SPACING CHART, THIS SHT.)

SLAB THICKNESS, IN.	SLUMP 4 TO 6 INCHES		SLUMP LESS THAN 4"
	MAXIMUM SIZE AGGREGATE LESS THAN 3/4"	MAXIMUM SIZE AGGREGATE 3/4" AND LARGER	
4	8	10	12
5	10	13	15
6	12	15	18
7	14	18	21
8	16	20	24
9	18	23	27
10	20	25	30

MAXIMUM SPACING OF SAWED TRANSVERSE CONTRACTION JOINTS IN FEET

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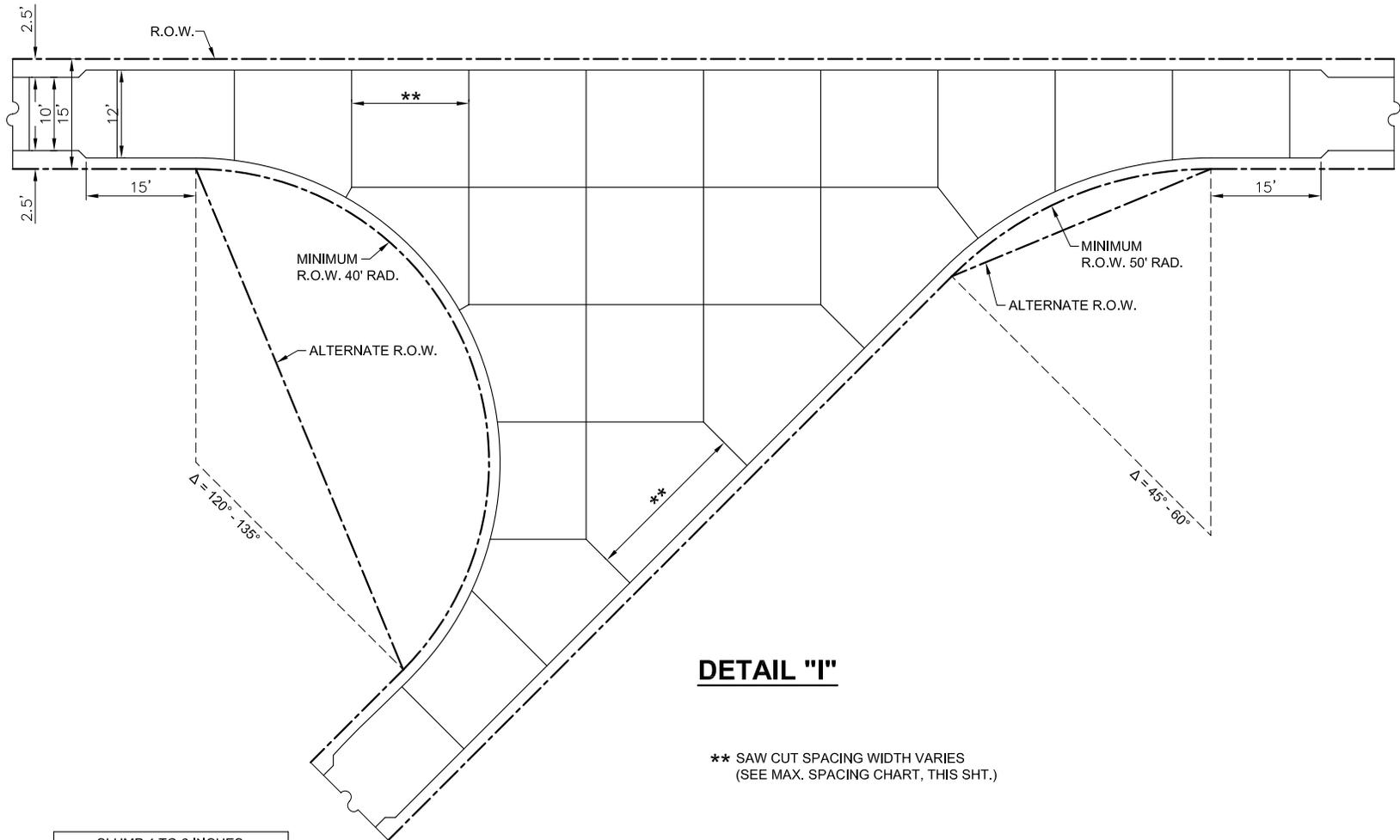
DETAIL "H"

** SAW CUT SPACING WIDTH VARIES
(SEE MAX. SPACING CHART, THIS SHT.)

SLAB THICKNESS, IN.	SLUMP 4 TO 6 INCHES		SLUMP LESS THAN 4"
	MAXIMUM SIZE AGGREGATE LESS THAN 3/4"	MAXIMUM SIZE AGGREGATE 3/4" AND LARGER	
4	8	10	12
5	10	13	15
6	12	15	18
7	14	18	21
8	16	20	24
9	18	23	27
10	20	25	30

MAXIMUM SPACING OF SAWED TRANSVERSE CONTRACTION JOINTS IN FEET

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DETAIL "I"

** SAW CUT SPACING WIDTH VARIES
(SEE MAX. SPACING CHART, THIS SHT.)

SLAB THICKNESS, IN.	SLUMP 4 TO 6 INCHES		SLUMP LESS THAN 4"
	MAXIMUM SIZE AGGREGATE LESS THAN 3/4"	MAXIMUM SIZE AGGREGATE 3/4" AND LARGER	
4	8	10	12
5	10	13	15
6	12	15	18
7	14	18	21
8	16	20	24
9	18	23	27
10	20	25	30

MAXIMUM SPACING OF SAWED TRANSVERSE CONTRACTION JOINTS IN FEET

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