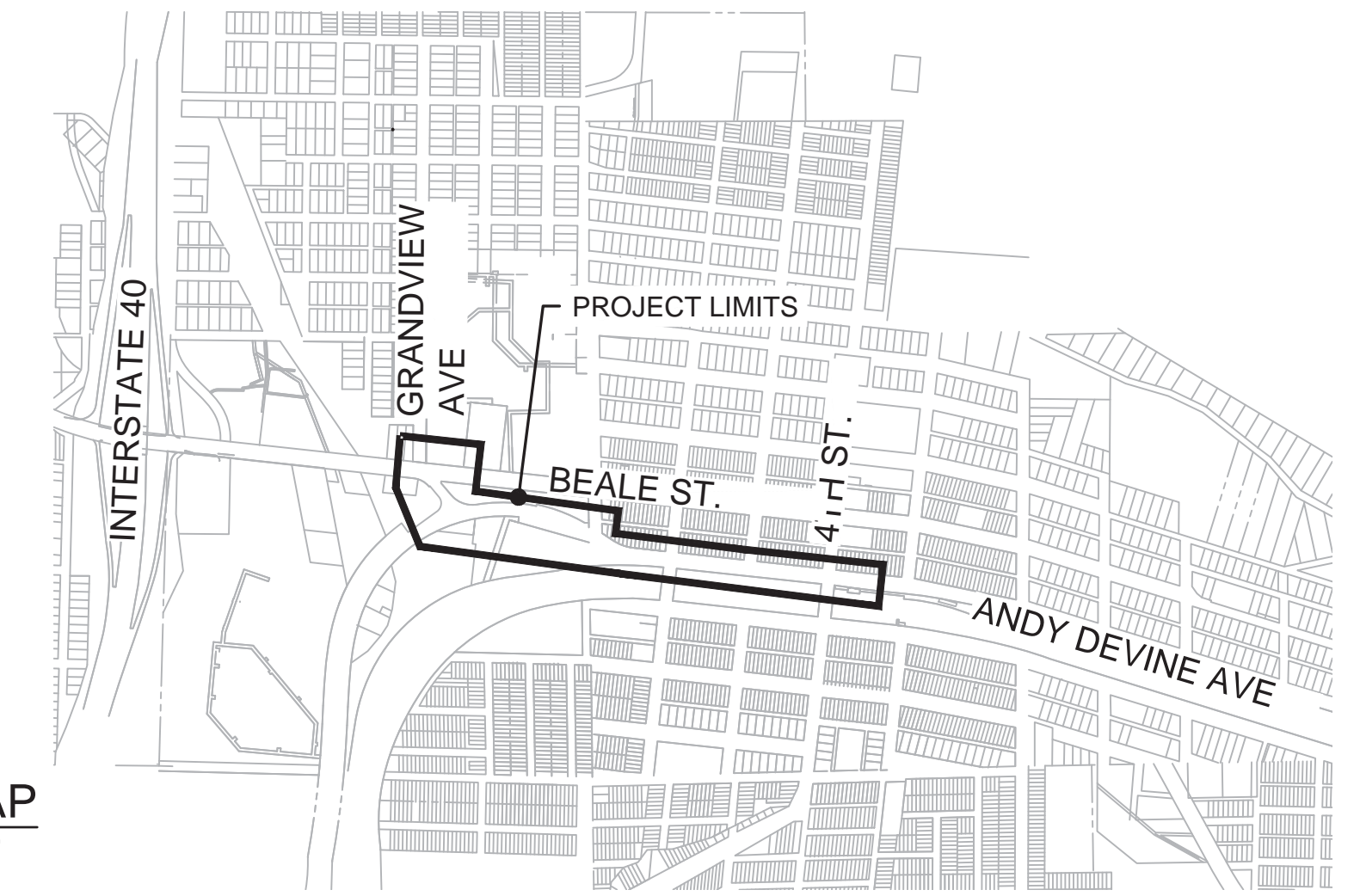




CITY OF KINGMAN

CONSTRUCTION PLANS FOR ANDY DEVINE AVENUE ADA IMPROVEMENTS CDBG CONTRACT # 108-19



VICINITY MAP
SCALE 1"=1000'

SHEET INDEX		
SHEET No.	DWG No.	SHEET DESCRIPTION
1	C01	COVER SHEET
2	C02	GENERAL NOTES-QUANTITIES
3	C03	DETAIL SHEET 1
4	C04	DETAIL SHEET 2
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6	C06	DETAIL SHEET 4
7	C07	DETAIL SHEET 5
8	C08	DETAIL SHEET 6
9	C09	DETAIL SHEET 7
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11	C11	DETAIL SHEET 9
12	C12	DETAIL SHEET 10
13	C13	DEMOLITION PLAN STA. 20+00 TO 28+50
14	C14	DEMOLITION PLAN STA. 28+50 TO 38+50
15	C15	DEMOLITION PLAN STA. 38+50 TO 47+21
16	C16	IMPROVEMENT PLAN STA. 20+00 TO 28+50
17	C17	IMPROVEMENT PLAN STA. 28+50 TO 38+50
18	C18	IMPROVEMENT PLAN STA. 38+50 TO 47+21
19	C19	GRADING-HORZ. CONTROL PLAN STA. 20+00 TO 28+50
20	C20	GRADING-HORZ. CONTROL PLAN STA. 28+50 TO 38+50
21	C21	GRADING-HORZ. CONTROL PLAN STA. 38+50 TO 47+21

BENCHMARKS

BM 91-15A
FD. 2" BRASS DISK IN TOP OF CURB
ON THE NORTHEAST RETURN
AT 3RD ST. & ANDY DEVINE AVE.
ELEV. = 3336.76'

BM 91-16A
FD. 2" BRASS DISK IN TOP OF CURB
ON THE SOUTHWEST RETURN
AT 4TH ST. & ANDY DEVINE AVE.
ELEV. = 3337.50'

BM 91-54
THE SOUTHEAST BOLT OF A TRAFFIC
SIGNAL POLE AT THE NORTHWEST
RETURN OF BEALE ST. AND 1ST ST.
ELEV. = 3332.12'

BM 91-193
FD. 3" BRASS DISK IN TOP OF CURB ON
THE SOUTH SIDE OF BEALE ST. IN
FRONT OF THE MOHAVE MUSEUM OF
HISTORY AND ARTS.
ELEV. = 3333.14

NOTE FROM THE ARIZONA DEPARTMENT OF HOUSING

PREPARATION OF THIS PLAN WAS AIDED THROUGH A COMMUNITY DEVELOPMENT BLOCK GRANT FROM THE ARIZONA DEPARTMENT OF HOUSING AND AS SUCH IS NOT COPYRIGHTABLE. IT MAY BE REPRINTED WITH CUSTOMARY CREDITING OF THE SOURCE. HOWEVER, ANY OPINIONS, FINDINGS, CONCLUSIONS OR RECOMMENDATIONS ARE THOSE OF THE AUTHORS AND DO NOT NECESSARILY REFLECT THE VIEWS OF THE DEPARTMENT OF HOUSING.

Survey Control Point Table				
Point #	Elevation	Northing	Easting	Description
11002	3343.35	1524431.78	410218.50	SE BLOCK 4 SET X IN CONC
20000	3342.23	1524339.12	410194.65	MON PK CP5TH
30010	3325.42	1524591.40	408367.18	FND PK&TAG 8904
41006	3339.75	1524431.82	409777.22	MON PK 8904 4TH
41016	3336.73	1524485.85	409299.73	MON PK 8904 3RD
41026	3329.90	1524539.76	408822.92	MON PK 8904 2ND
41051	3327.29	1524843.53	407651.54	MON PK 8904
41054	3329.07	1524872.08	407513.54	MON PK 8904
41056	3330.08	1524912.20	407467.49	MON PK 8904
41571	3337.01	1524432.85	409358.80	MON RR ROW
41752	3337.04	1524528.22	409344.66	MON YPC 29630
41792	3337.43	1524519.98	409419.34	MON PK 8904
42056	3334.03	1524559.48	409065.56	PROP COR
43374	3333.39	1525069.33	407384.20	MAG NAIL

MAYOR

JEN MILES

VICE MAYOR

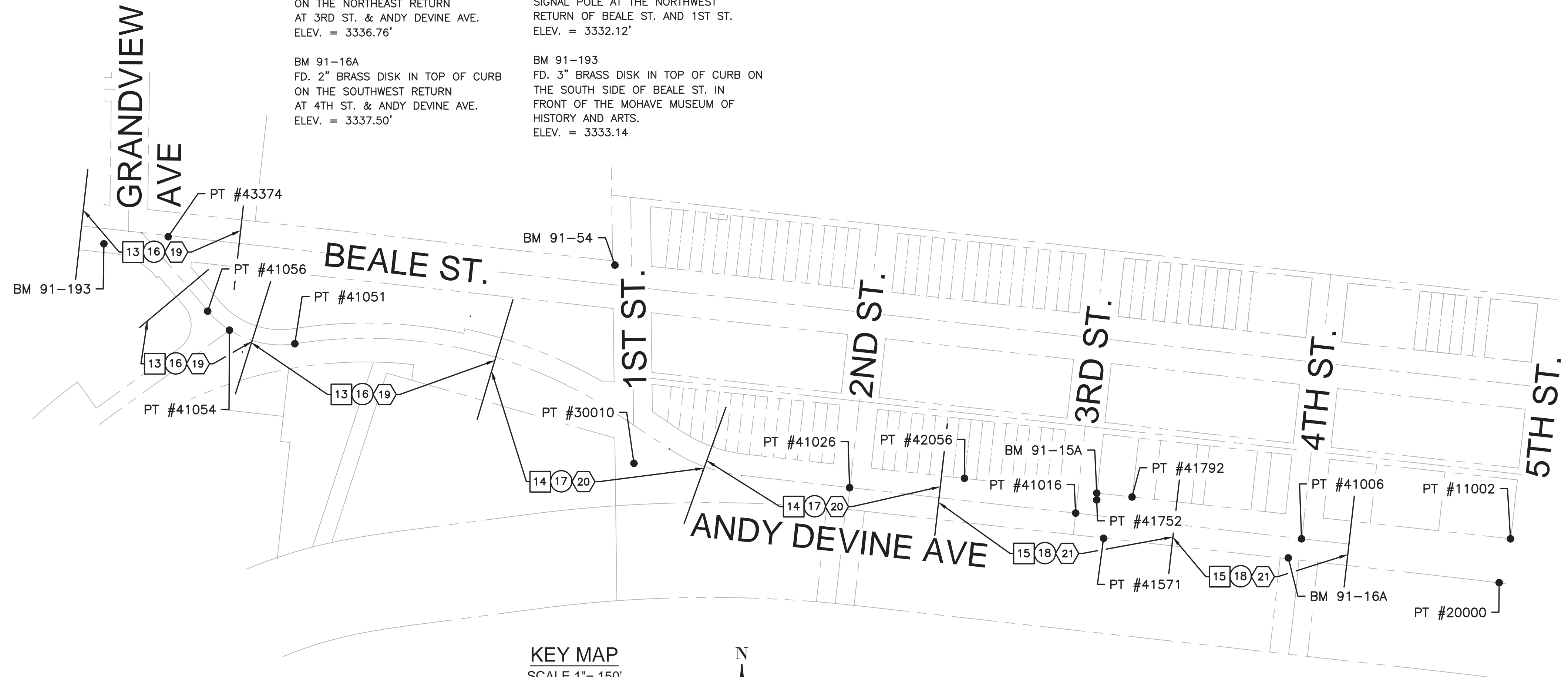
TRAVIS LINGENFELTER

CITY MANAGER

RON FOGGIN

CITY COUNCIL

SUE ANN MELLO KEENER
DEANA NELSON
JAMIE SCOTT STEHLY
KEN WATKINS
DAVID WAYT



KEY MAP SCALE 1"=150'

- 1 DEMOLITION SHEETS
- 2 IMPROVEMENT PLAN SHEETS
- 3 GRADING-HORZ. CONTROL SHEETS

UTILITY CONTACTS

UNISOURCE ELECTRIC:
2498 AIRWAY AVE.
KINGMAN, AZ 86409
ATTN: MARVIN YARBROUGH
(928) 681-8928

UNISOURCE GAS:
3436 N. EVANS
KINGMAN, AZ 86409
ATTN: JEFF FJELD
(928) 681-6503

FRONTIER COMMUNICATIONS:
3405 NORTHERN AVE.
KINGMAN, AZ 86401
ATTN: BRENDA WIEGERSMA
(928) 757-0273

SUDDENLINK, INC:
2900 AIRWAY AVE.
KINGMAN, AZ 86401
ATTN: JEREMY BRUNK
(928) 753-8079

CITY OF KINGMAN
WATER & SEWER
PUBLIC WORKS DEPT.
3700 E. ANDY DEVINE
KINGMAN, AZ 86401
ATTN: KEELAN YARBROUGH
(928) 692-3125



REVISION DESCRIPTION	BY	DATE	APP.

ASBUILT INFORMATION		REFERENCE DRAWINGS	
DATE OF ACCEPTANCE		75-W-0009	
INSPECTED BY		86-W-0050	
REVISED BY		87-W-0026	
CHECKED BY		94-W-0047	
ADEQ FILE NUMBER		95-W-0080	
DATE OF ADEQ APPROVAL		ENG08-022	
CITY CONTRACT NUMBER			
CONTRACTOR			

CITY OF KINGMAN ENGINEERING DEPARTMENT	
310 NORTH 4TH STREET KINGMAN, ARIZONA 86401 PHONE (928) 753-8122 FAX (928) 753-8118	

DESIGNED BY	ERIC SPARKMAN
DRAWN BY	ALEX LOZANO
CHECKED BY	GREG HENRY
DATE DRAWN	9/11/19
HORIZ. SCALE	AS SHOWN
VERT. SCALE	NONE

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ADA IMPROVEMENTS	
ANDY DEVINE AVENUE	
COVER SHEET	

C.O.K. PROJECT NO. ENG-18-0082
FILENAME 180082CS01.dwg
SHEET NO. C01
1 OF 21

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GENERAL NOTES

- ALL WORK SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THE LATEST EDITION OF THE "UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" AND THE "UNIFORM STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION", WHICH ARE SPONSORED AND DISTRIBUTED BY THE MARICOPA ASSOCIATION OF GOVERNMENTS (MAG), WHICH ARE ADOPTED AND REVISED FOR USE IN THE CITY OF KINGMAN (ORDINANCE NO. 1727), TOGETHER WITH THESE PLANS.
- THE EXACT LOCATIONS OF UTILITIES SHOWN ARE UNKNOWN. THE LOCATIONS SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES AND BURIED CABLES PRIOR TO CONSTRUCTION BY CALLING "BLUE STAKE" AT 1-800-STAKE-IT, AT LEAST 48 HOURS BEFORE DIGGING. THE CONTRACTOR SHALL COOPERATE WITH THE UTILITY OWNERS IN PROTECTING ALL EXISTING UNDERGROUND STRUCTURES, UTILITIES, AND SERVICES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF THE STREETS AND FOR PARTIALLY COMPLETED PORTIONS OF THE WORK, UNTIL FINAL ACCEPTANCE OF THE WORK.
- THE CONTRACTOR SHALL NOTIFY THE CITY OF KINGMAN PUBLIC WORKS INSPECTION DEPARTMENT AT (928) 753-8195 A MINIMUM OF 48 HOURS PRIOR TO BEGINNING CONSTRUCTION.
- THE CONTRACTOR SHALL FURNISH, INSTALL AND MAINTAIN ALL NECESSARY TRAFFIC CONTROL SIGNS AND BARRICADES IN ACCORDANCE WITH MAG STANDARD SPECIFICATION 401. ALL SIGNS AND BARRICADES SHALL CONFORM TO AND BE LOCATED IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). UNLESS OTHERWISE DETAILED OR SPECIFIED BY THE ENGINEER, THE CONTRACTOR SHALL SUBMIT A DETAILED TRAFFIC CONTROL PLAN FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL COOPERATE WITH ALL OTHER CONTRACTORS OR CITY FORCES WORKING AT THE SITE.
- VARIANCE FROM THESE PLANS AND/OR SPECIFICATIONS SHALL REQUIRE PRIOR WRITTEN APPROVAL OF THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF EXISTING IMPROVEMENTS AS SHOWN ON THE PLANS. UNLESS OTHERWISE SPECIFIED OR DETAILED BY THE ENGINEER, ALL ITEMS SHOWN TO BE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR. UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAULING FROM THE JOB SITE AND DISPOSAL OF ALL ITEMS REMOVED. SUCH HAULING AND DISPOSAL SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS.

- ALL EXISTING SIGNS NOT IN CONFLICT WITH THE CONSTRUCTION TRAFFIC CONTROL PLAN WILL BE PROTECTED IN PLACE BY THE CONTRACTOR.
- ALL EXISTING SIGNS IN CONFLICT WITH THE CONSTRUCTION TRAFFIC CONTROL PLAN SHALL BE REMOVED, COVERED WITH PLYWOOD OR BAGGED.
- EXISTING TRAFFIC SIGNS DISTURBED OR REMOVED DURING CONSTRUCTION WILL BE REPLACED OR RELOCATED BACK TO THEIR ORIGINAL LOCATIONS.

STREET/PAVING NOTES

- ENGINEERING DEPARTMENT'S CIVIL/SITE INSPECTION STAFF SHALL BE NOTIFIED 48 HOURS BEFORE ANY CONSTRUCTION BEGINS TELEPHONE (928) 753-8195.
- ALL CONSTRUCTION TO CONFORM TO M.A.G. SPECIFICATIONS AND DETAILS AND CITY OF KINGMAN SUPPLEMENT TO M.A.G. SPECIFICATIONS AND DETAILS, UNLESS MODIFIED ON THE PLANS.
- COMPACTION SHALL COMPLY WITH M.A.G. SECTION 601 & CITY OF KINGMAN SUPPLEMENTS.
- ALL WORK MUST COMPLY WITH REQUIREMENTS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- EXISTING OR NEWLY DAMAGED AND/OR DISPLACED CONCRETE CURB, GUTTER, SIDEWALK, OR DRIVEWAY SLAB THAT IS WITHIN THE RIGHT-OF-WAY SHALL BE REPAIRED OR REPLACED, AS NOTED BY CITY INSPECTORS, BEFORE FINAL ACCEPTANCE OF THE WORK.
- EXACT POINT OF PAVEMENT MATCHING, TERMINATION AND OVERLAY, IF NECESSARY SHALL BE DETERMINED IN THE FIELD BY THE CITY ENGINEER OR HIS/HER AUTHORIZED REPRESENTATIVE.
- AN APPROVED PAVING PLAN SHALL BE ON THE JOB SITE AT ALL TIMES. DEVIATIONS FROM THE PLAN MUST BE PRECEDED BY AN APPROVED PLAN REVISION.

WATER NOTES

- ENGINEERING DEPARTMENT'S CIVIL/SITE INSPECTION STAFF SHALL BE NOTIFIED 48 HOURS BEFORE ANY CONSTRUCTION BEGINS TELEPHONE (928) 753-8195.
- ALL WATER VALVE BOXES SHALL BE PER CITY OF KINGMAN DETAIL 391-1 & 392-2.
- ALL CONSTRUCTION TO CONFORM TO M.A.G. SPECIFICATIONS AND DETAILS AND CITY OF KINGMAN SUPPLEMENT TO M.A.G. SPECIFICATIONS AND DETAILS, UNLESS MODIFIED ON THE PLANS.
- COMPACTION SHALL COMPLY WITH M.A.G. SECTION 601 & CITY OF KINGMAN SUPPLEMENTS.
- PIPE DEFLECTION SHALL NOT EXCEED ONE-HALF (1/2) THE MANUFACTURER'S RECOMMENDATIONS.
- THE CONTRACTOR IS TO NOTIFY THE PUBLIC THAT WILL BE AFFECTED BY ANY SHUTDOWNS A MINIMUM OF 48 HOURS IN ADVANCE.
- ALL WORK MUST COMPLY WITH REQUIREMENTS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- A SIX (6) FOOT MINIMUM HORIZONTAL SEPARATION FROM ANY UNDERGROUND UTILITY SHALL BE PROVIDED FOR SEWER MAINS AND WATER MAINS. THE MINIMUM HORIZONTAL SEPARATION IS MEASURED FROM OUTSIDE OF SEWER MAIN OR WATER MAIN TO OUTSIDE OF UNDERGROUND UTILITY.
- A ONE (1) FOOT MINIMUM VERTICAL SEPARATION FROM ANY DRY UNDERGROUND UTILITY CROSSING SHALL BE PROVIDED FOR SEWER MAINS, SEWER SERVICES, WATER MAINS AND WATER SERVICES. THE MINIMUM VERTICAL SEPARATION IS MEASURED FROM OUTSIDE OF SEWER MAIN, SEWER SERVICE, WATER MAIN OR WATER SERVICE TO OUTSIDE OF DRY UNDERGROUND UTILITY.
- A TWO (2) FOOT MINIMUM VERTICAL SEPARATION SHALL BE PROVIDED BETWEEN ANY SEWER MAIN AND STORM DRAIN CROSSING A WATER MAIN. THE MINIMUM VERTICAL SEPARATION IS MEASURED FROM OUTSIDE OF WATER MAIN TO OUTSIDE OF SEWER MAIN OR STORM DRAIN. SEE CITY OF KINGMAN STANDARD DETAIL 404 FOR ADDITIONAL INFORMATION AND/OR PROVISIONS FOR CLEARANCE.

APPROXIMATE QUANTITIES

ITEM No.	ITEM DESCRIPTION	UNIT	AMOUNT
1	SAWCUT & REMOVE ASPHALTIC CONCRETE PAVEMENT	S.Y.	2090
2	SAWCUT & REMOVE CONCRETE PAVEMENT/SLABS	S.Y.	125
3	SAWCUT & REMOVE CONCRETE DRIVEWAYS, SIDEWALKS, RAMPS, VALLEY GUTTER	S.F.	14310
4	SAWCUT & REMOVE CONCRETE CURB & GUTTER, CONCRETE SINGLE CURB	L.F.	1650
5	GRADING, EXCAVATION & EMBANKMENT	C.Y.	400
6	SUB-GRADE PREPARATION	S.Y.	3,950
7	AGGREGATE BASE COURSE	TON	505
8	AC PAVEMENT - 3" THICKNESS	S.Y.	440
9	AC PAVEMENT - 2" THICKNESS	S.Y.	805
10	REMOVE & SALVAGE EXISTING TRAFFIC CONTROL SIGNAL & REMOVE SIGN BASE POST	EA.	13
11	SIGN BASE & POST	EA.	16
12	SIGN PANELS & PLAQUES	EA.	8
13	REMOVE & SALVAGE EXISTING SAFETY RAIL & ANCHOR PLATES	L.F.	90
14	SAFETY RAIL	L.F.	305
15	SIDE MOUNT SAFETY RAIL	L.F.	80
16	1/2" DECOMPOSED GRANITE	TON	60
17	CONCRETE VERTICAL CURB & GUTTER - ADOT C-05-10, TYPE D	L.F.	1,420
18	CONCRETE VERTICAL CURB & GUTTER - MAG 220, TYPE A	L.F.	495
19	CONCRETE SLAB/SIDEWALK - 9" THICKNESS	S.F.	960
20	CONCRETE SINGLE CURB - MAG 222, TYPE B	L.F.	150
21	CONCRETE HEADER	L.F.	25
22	5' CURB TRANSITION/CURB TERMINATION	L.F.	50
23	INSTALL SALVAGED BRICK PAVERS	S.F.	850
24	CONCRETE DRIVEWAY ENTRANCES	S.F.	5,240
25	CONCRETE SIDEWALK	S.F.	8,890
26	CONCRETE SIDEWALK RAMP - DETAILS PER PLAN SHEET C10-C12	S.F.	1,830
27	CONCRETE SIDEWALK RAMP - DETAIL 'C' PLAN SHEET C05	S.F.	100
28	CONCRETE VALLEY GUTTER	S.F.	2,250
29	REMOVE EXISTING PRECAST SAFETY CURB	EA.	2
30	PRECAST SAFETY CURB - MAG 150	EA.	2
31	4" WIDE SOLID WHITE PARKING LINE STRIPING	L.F.	340
32	4" WIDE YELLOW ACCESSIBLE AISLE STRIPING	L.F.	110
33	WHEEL CHAIR SYMBOL (THERMOPLASTIC)	EA.	2
34	6' X 70' QUADRAPOLE LOOP DETECTORS	EA.	4
35	6' X 30' QUADRAPOLE LOOP DETECTORS	EA.	4
36	ADJUST PULL BOX TO FINISH GRADE	EA.	6
37	REMOVE & SALVAGE EXISTING FIRE HYDRANT	EA.	2
38	CUT EXISTING 6" WATERLINE AND INSTALL SALVAGED FIRE HYDRANT	L.S.	1
39	ADJUST WATER VALVE BOX & COVER	EA.	7
40	REMOVE EXISTING WATER METER & ABANDON EXISTING VALVE	EA.	1
41	REMOVE EXISTING 6" PVC WATERLINE AND INSTALL 6" DIP (CL.350). INSTALL SALVAGED FIRE HYDRANT	L.S.	1
42	REMOVE EXISTING CATCH BASIN	EA.	2
43	SLOTTED DRAIN WITH CONNECTION TO CATCH BASIN	L.F.	10
44	CONCRETE CATCH BASIN - ADOT C-15.10, TYPE '1'	EA.	1
45	CONCRETE CATCH BASIN - ADOT C-15.30, TYPE '4'	EA.	2
46	EXTEND/CUT EXISTING CMP DRAIN PIPE	L.S.	1
47	12" NYLOPLAST DRAIN BASIN	EA.	5
48	RIP-RAP W-FILTER FABRIC	C.Y.	5
49	CORE DRILL EXISTING CONCRETE RETAINING WALL FOR PIPE PENETRATION	EA.	5
50	18" CORRUGATED METAL PIPE (14 GAUGE)	L.F.	15
51	6" HDPE ADS (N-12) STORM DRAIN PIPE	L.F.	35

ABOVE QUANTITIES ARE ESTIMATES ONLY. CONTRACTORS SHALL BASE THEIR BIDS ON THEIR OWN QUANTITIES

LEGEND

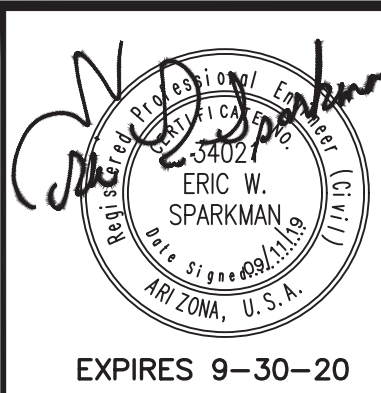
EXISTING CONTOUR LINE
 EXISTING RIGHT OF WAY
 EXISTING CENTER LINE
 EDGE OF BUILDING
 EDGE OF PAVEMENT
 EXISTING CURB/GUTTER
 EXISTING 4" SEWER LINE
 EXISTING 6" SEWER LINE
 EXISTING 8" SEWER LINE
 EXISTING BLOCK WALL
 EXISTING STONE WALL
 EXISTING IRRIGATION LINE
 EXISTING 6" WATER LINE
 EXISTING 8" WATER LINE
 EXISTING 12" WATER LINE
 EXISTING TELEPHONE LINE
 EXISTING 2" GAS LINE
 EXISTING 4" GAS LINE
 EXISTING FIBER OPTIC LINE
 EXISTING OVERHEAD ELECTRIC LINE
 EXISTING UNDERGROUND ELECTRIC LINE
 EXISTING STORM DRAIN LINE
 EXISTING FENCE
 EXISTING HANDRAIL
 EXISTING DOWN GUY
 EXISTING WATER VALVE
 EXISTING SEWER MANHOLE
 EXISTING FIRE HYDRANT
 EXISTING POWER POLE
 EXISTING LIGHT POLE
 EXISTING TRAFFIC SIGNAL
 EXISTING PEDESTRIAN PUSH BUTTON
 EXISTING ELECTRIC PULL BOX
 EXISTING SWITCH CABINET
 EXISTING WATER METER
 EXISTING IRRIGATION VALVE
 EXISTING GAS METER
 EXISTING SIGN
 EXISTING DOUBLE POLE SIGN
 EXISTING TELEPHONE PED
 EXISTING TELEPHONE MANHOLE
 EXISTING STORM DRAIN MANHOLE
 EXISTING CATCH BASIN
 EXISTING FENCE POST
 EXISTING TREE
 EXISTING SHRUB
 SURVEY NAIL
 BENCHMARK
 ROUTE 66 PLAQUE
 BRASS DISK
 CHISELED X
 RADIUS POINT
 PROPOSED FIRE HYDRANT
 PROPOSED WATER VALVE
 PROPOSED SIGN
 PROPOSED CATCH BASIN ADOT TYPE '1' & '4'
 PROPOSED NYLOPLAST DRAIN BASIN
 PROPOSED SLOTTED DRAIN
 REMOVAL LIMITS
 PROPOSED SAFETY RAIL
 PROPOSED EDGE OF CONCRETE
 PROPOSED CURB/GUTTER
 PROPOSED STORM DRAIN LINE
 PROPOSED EDGE OF ASPHALT
 PROPOSED RAIL ROAD TIE
 PROPOSED SAFETY CURB
 EXISTING ASPHALT
 EXISTING CONCRETE
 EXISTING BRICK PAVERS
 EXISTING DIRT
 PROPOSED BRICK PAVERS
 PROPOSED ASPHALT
 PROPOSED CONCRETE
 PROPOSED DG
 PROPOSED RIP RAP

D	REVISION DESCRIPTION	BY	DATE	APP.

ASBUILT INFORMATION		REFERENCE DRAWINGS	
DATE OF ACCEPTANCE	03-W-0029		
INSPECTED BY	83-W-0013		
REVISED BY	70-W-0004		
CHECKED BY	00-ST-0049		
ADEQ FILE NUMBER	97-ST-0021		
DATE OF ADEQ APPROVAL			
CITY CONTRACT NUMBER			
CONTRACTOR			

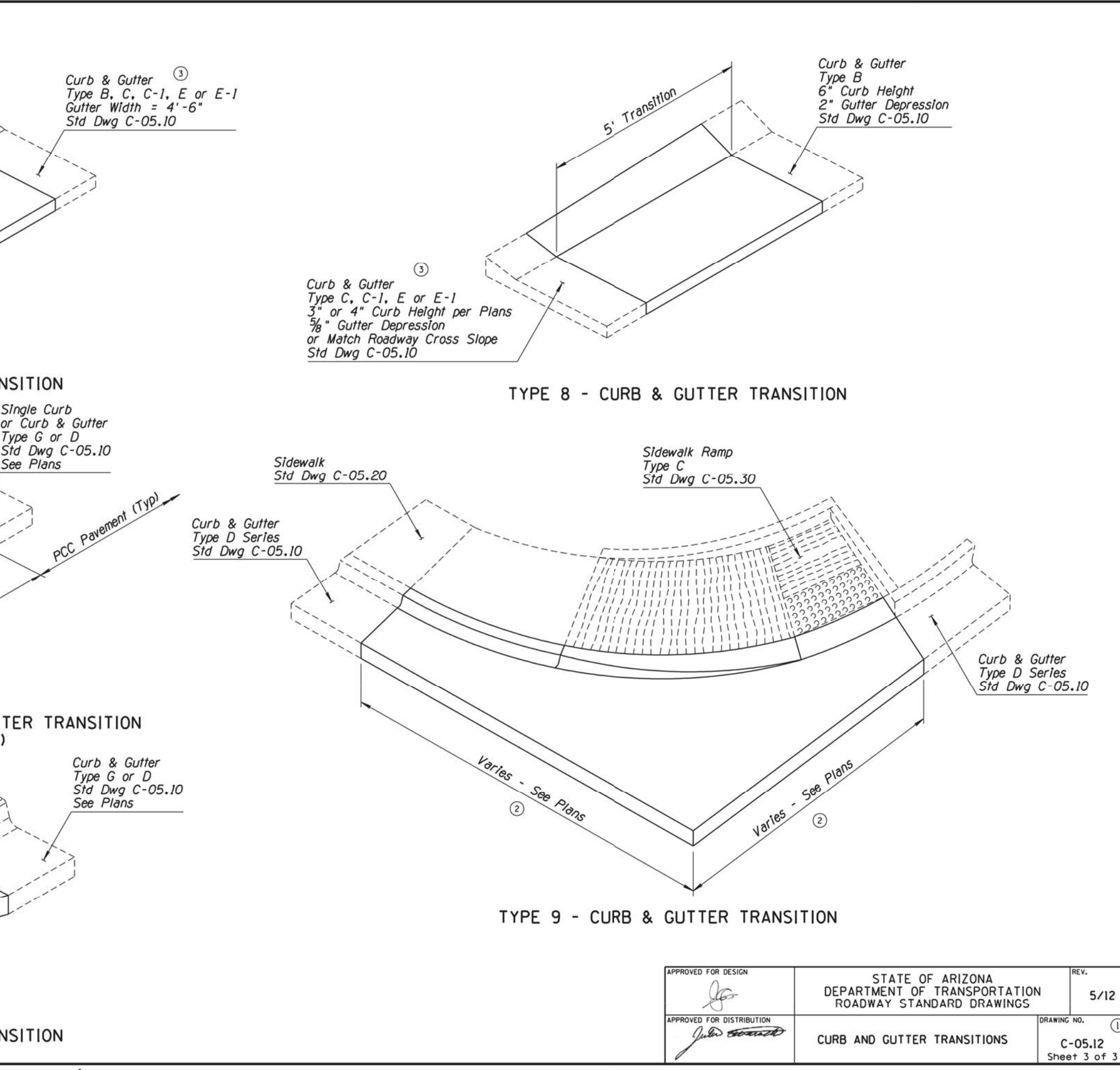
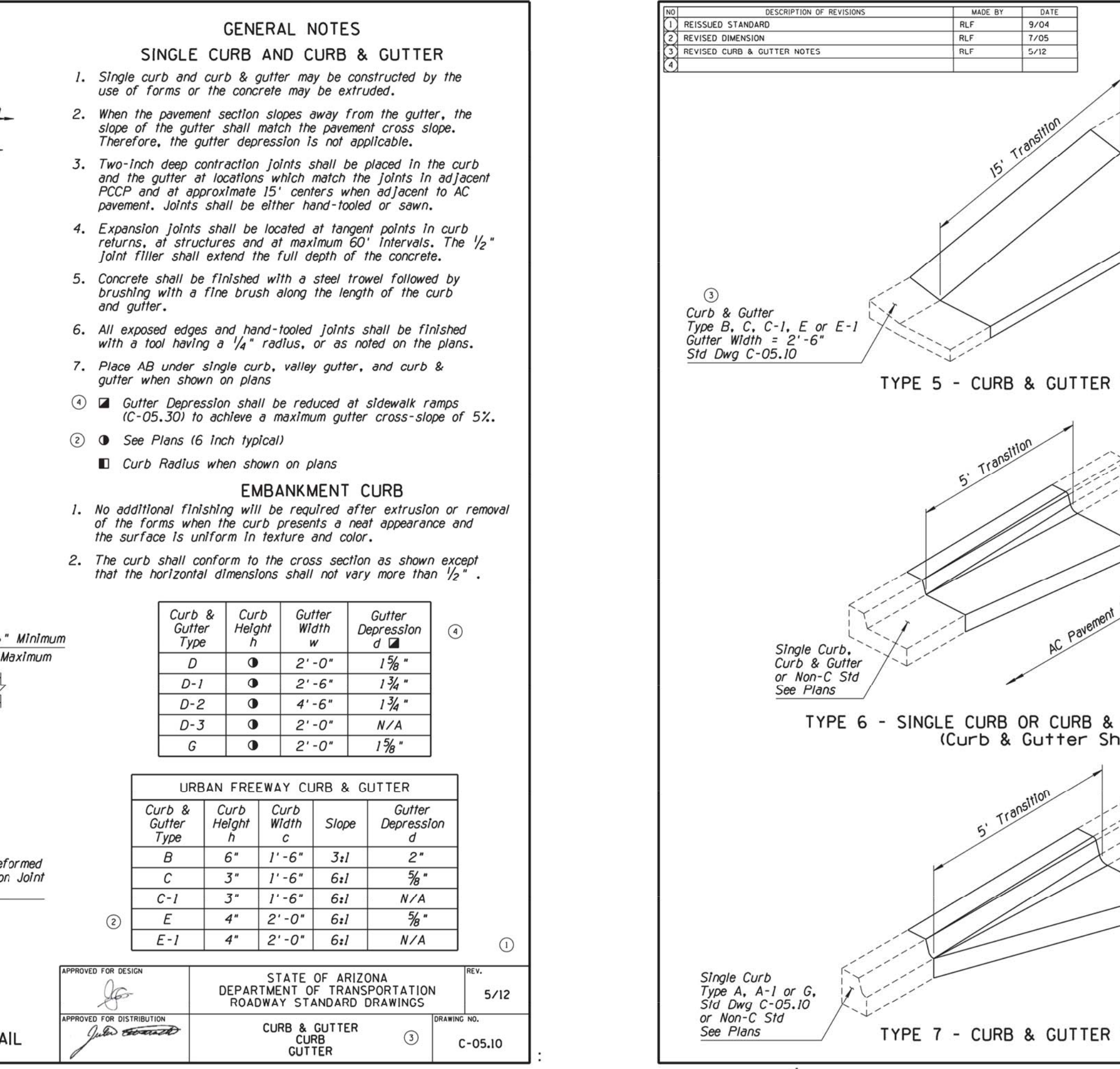
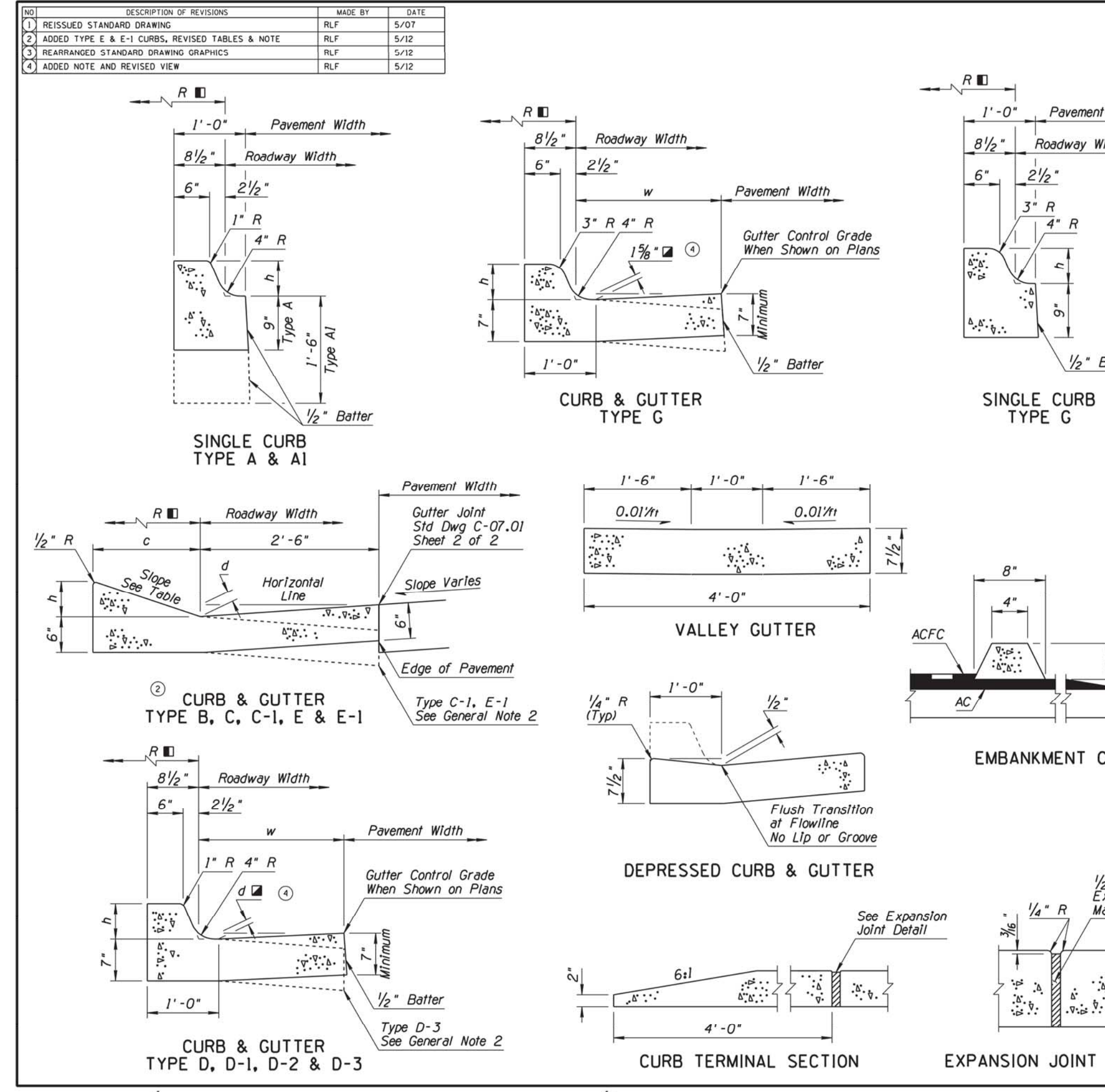
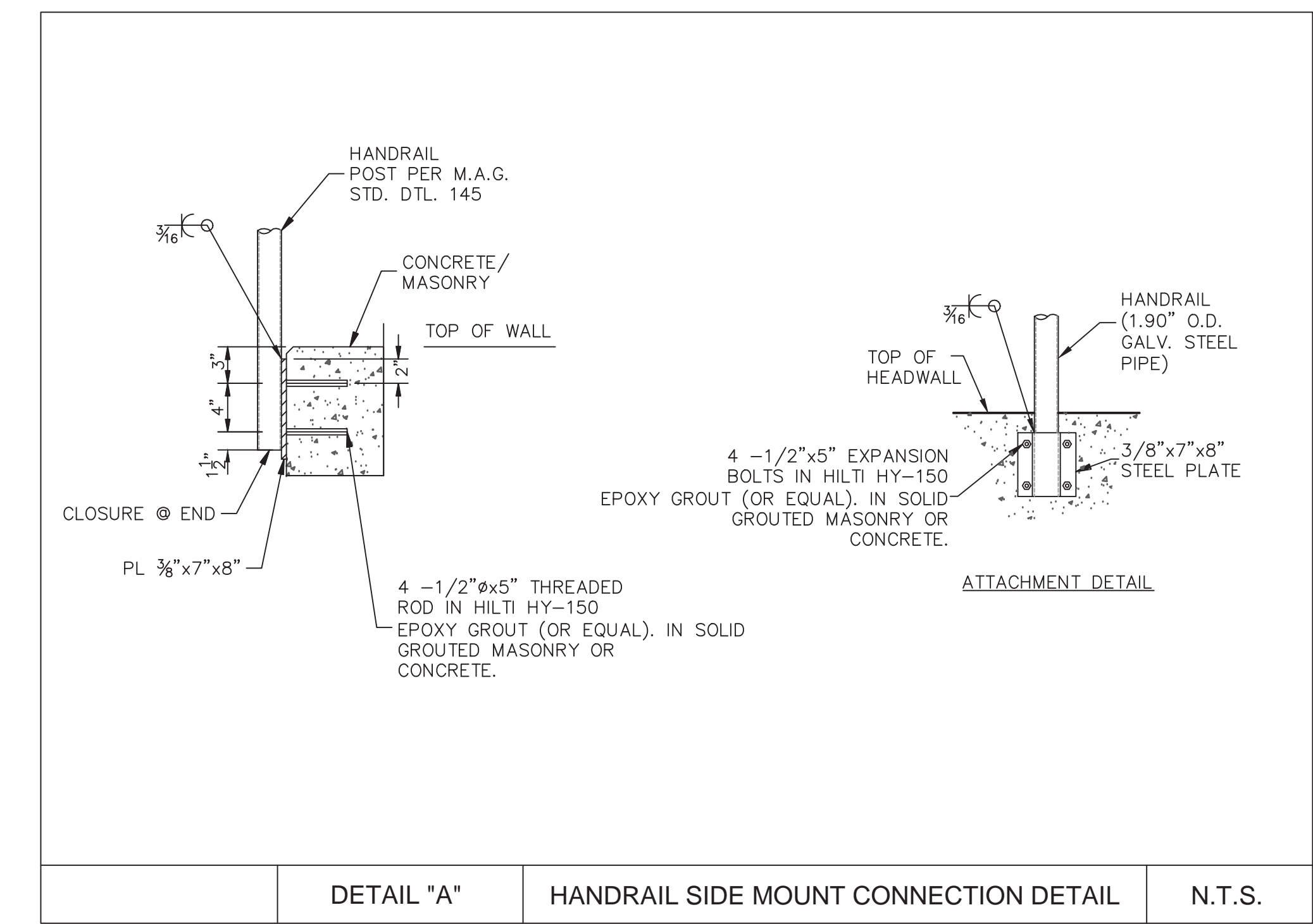
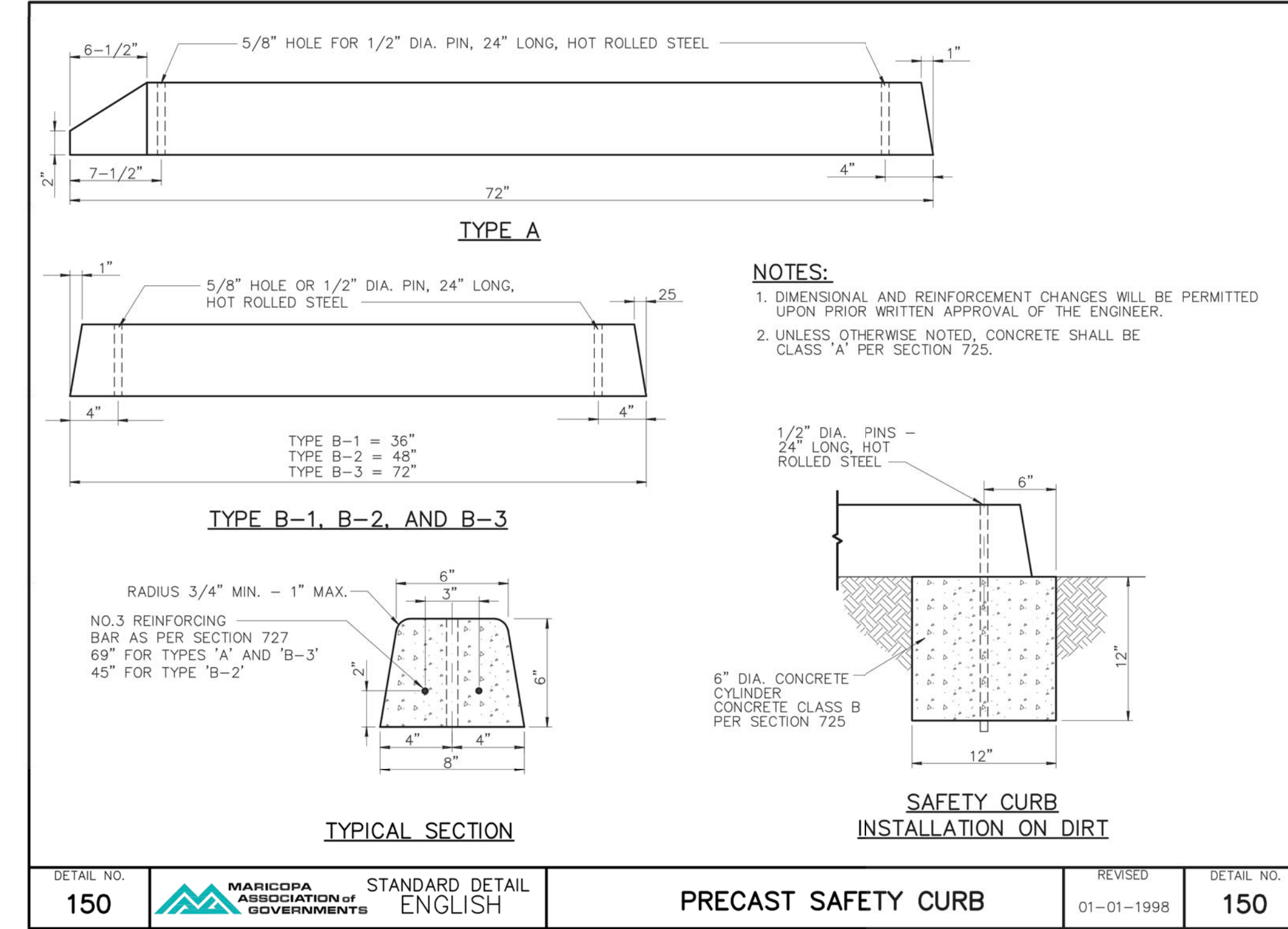
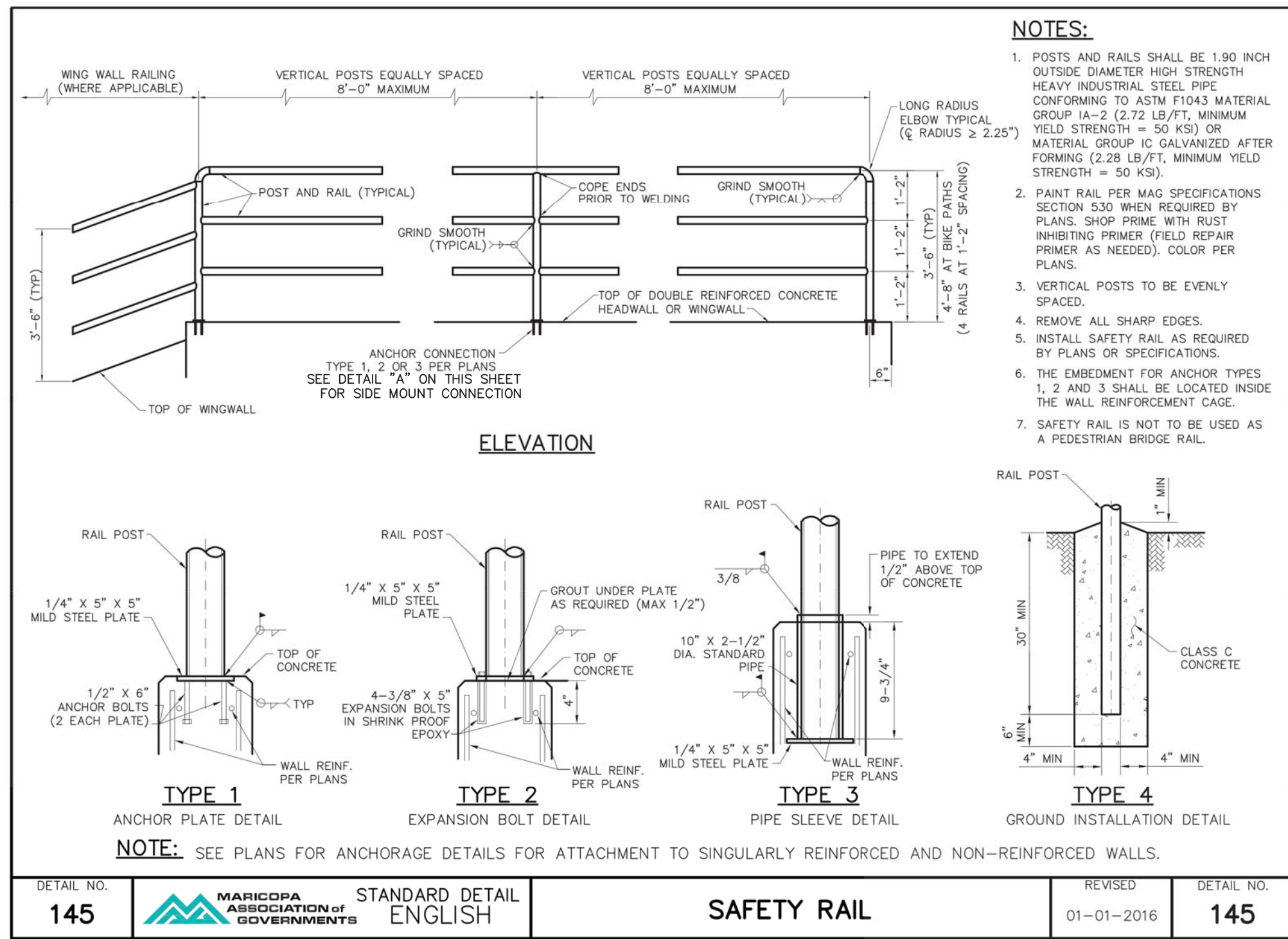
CITY OF KINGMAN
ENGINEERING DEPARTMENT
 310 NORTH 4TH STREET
 KINGMAN, ARIZONA 86401
 PHONE (928) 753-8122 FAX (928) 753-8118

DESIGNED BY	ERIC SPARKMAN
DRAWN BY	ALEX LOZANO
CHECKED BY	GREG HENRY
DATE DRAWN	9/11/19
HORIZ. SCALE	NONE
VERT. SCALE	NONE

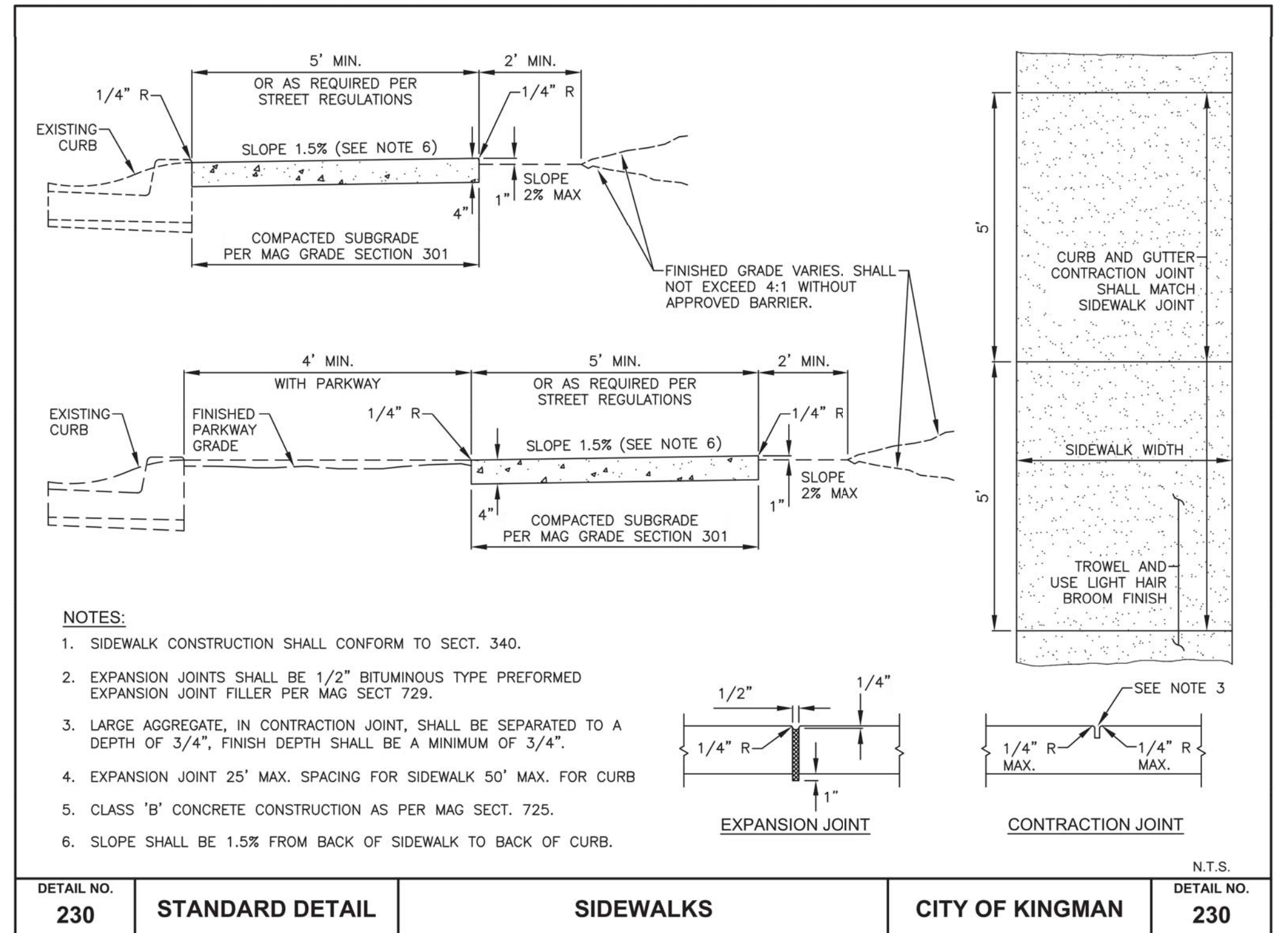
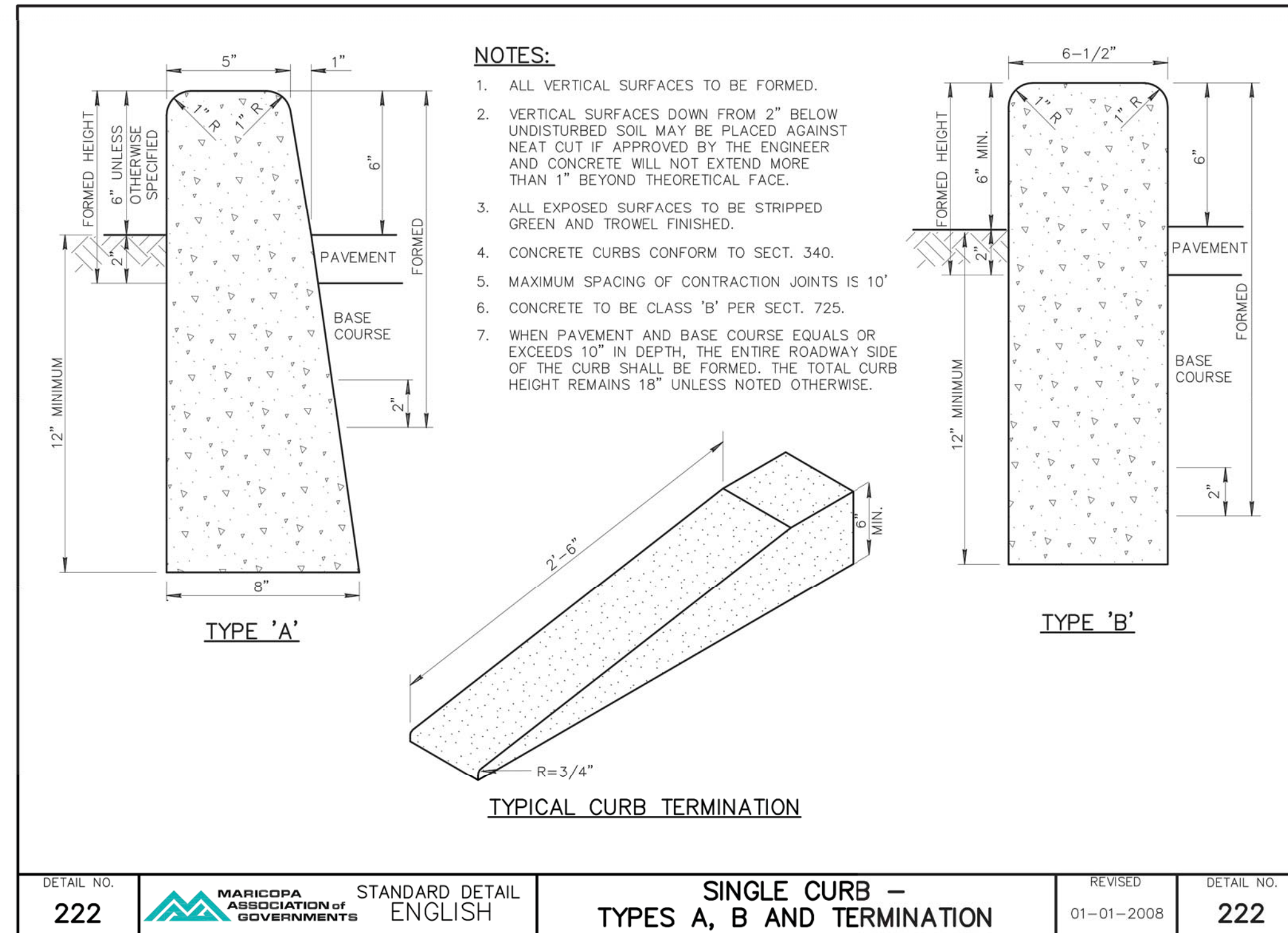
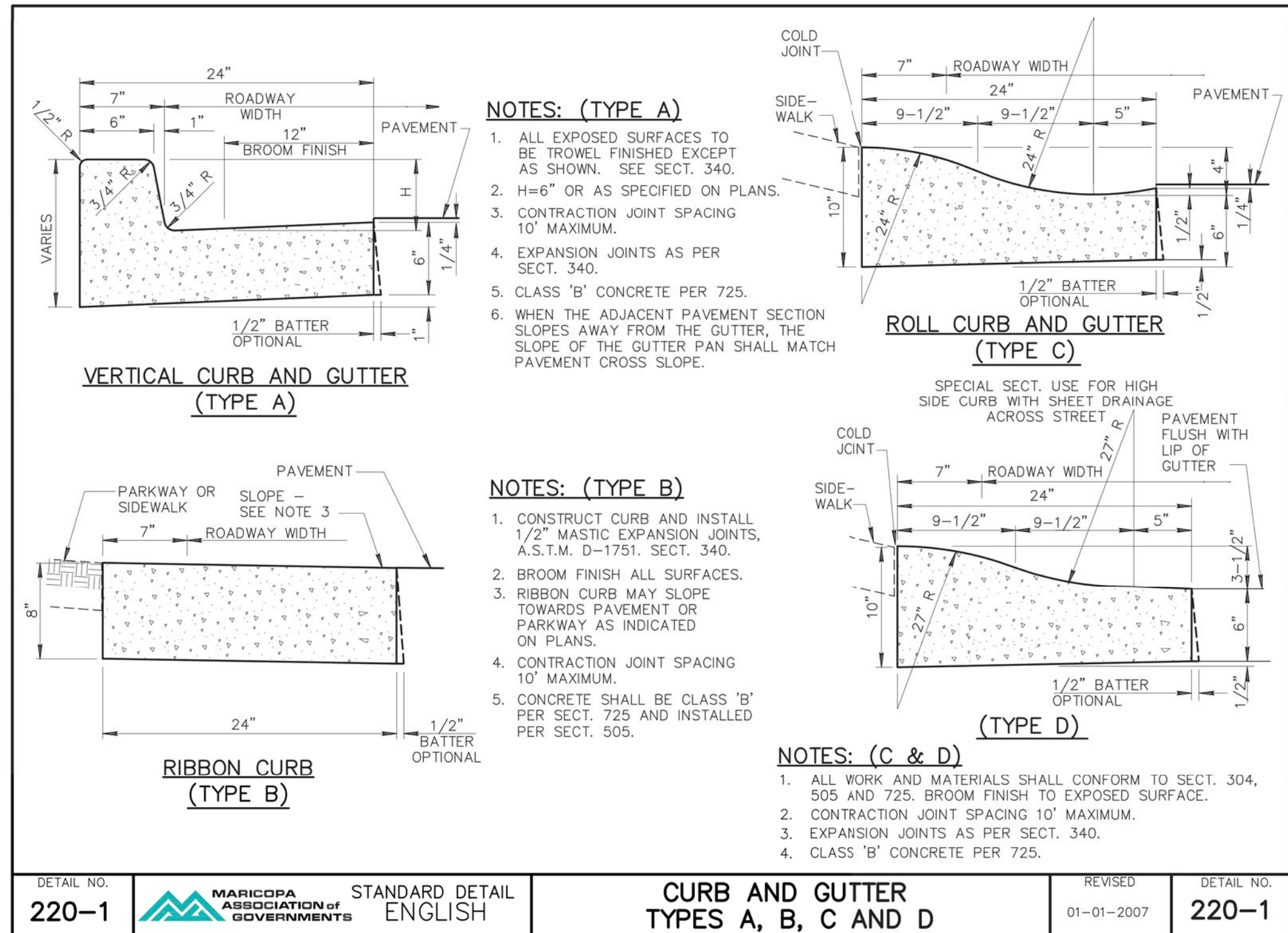


ADA IMPROVEMENTS
ANDY DEVINE AVENUE
GENERAL NOTES-QUANTITIES

C.O.K. PROJECT NO.	ENG-18-0082
FILENAME	180082CS02.dwg
SHEET NO.	C02
	2 OF 21



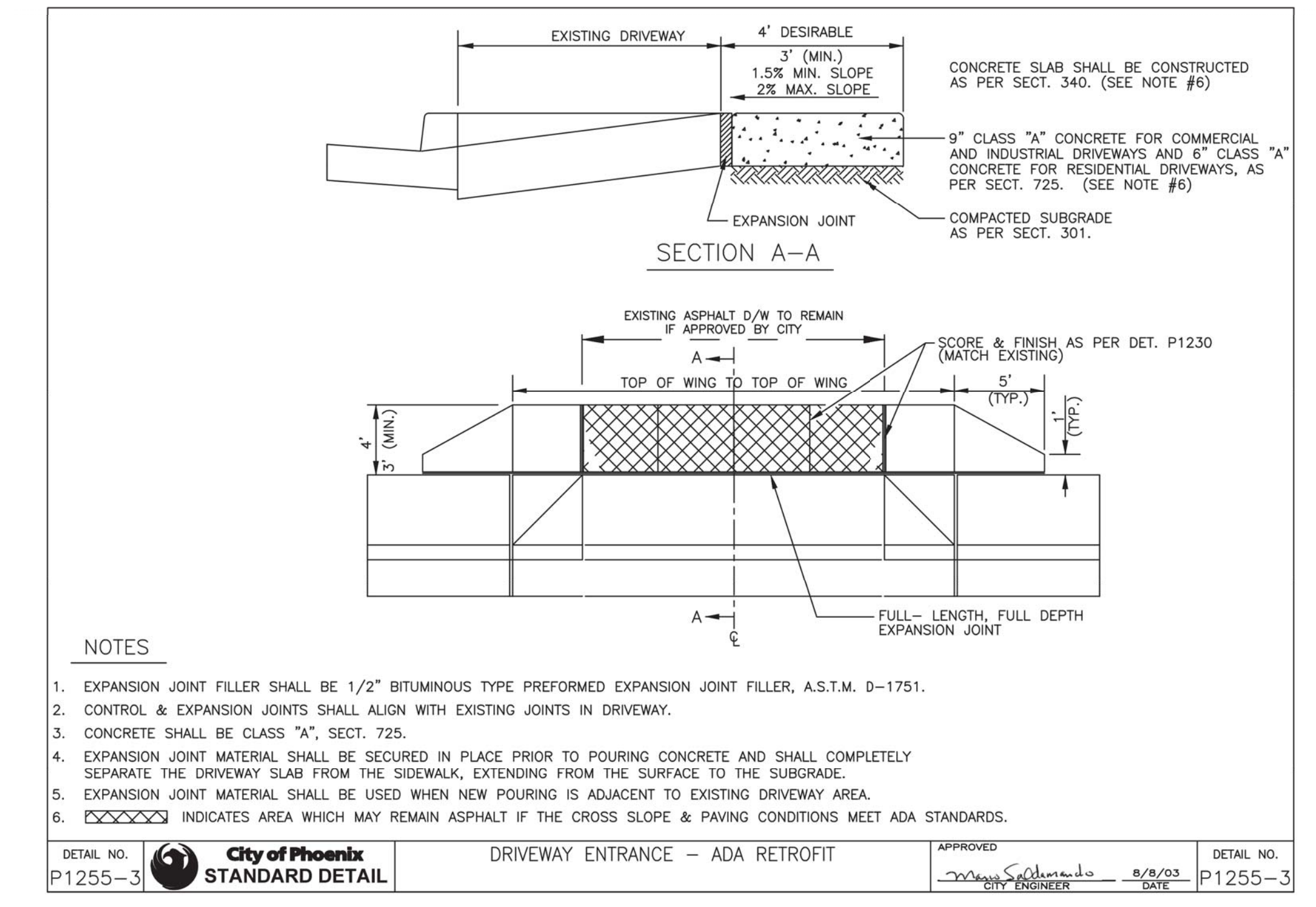
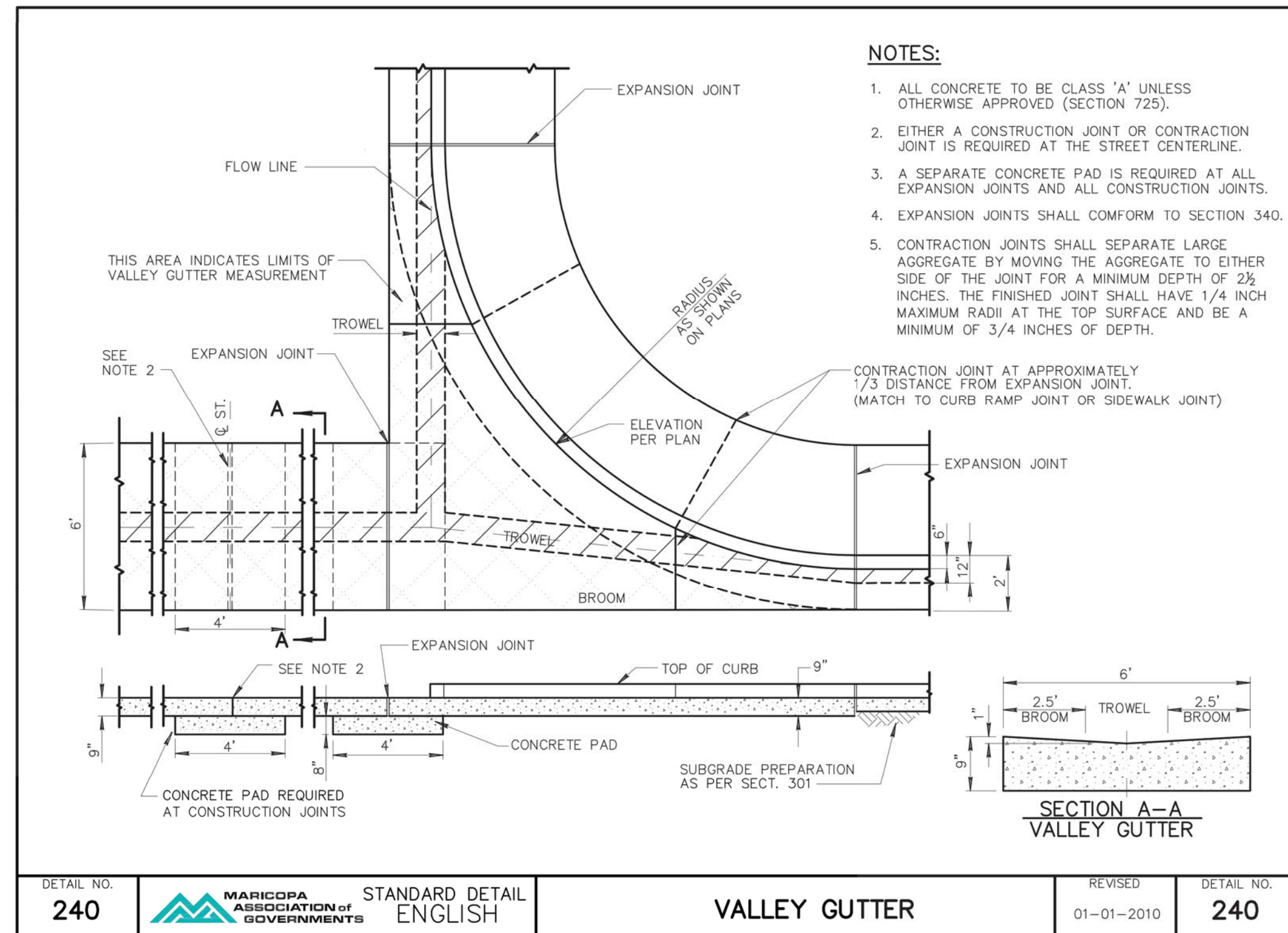
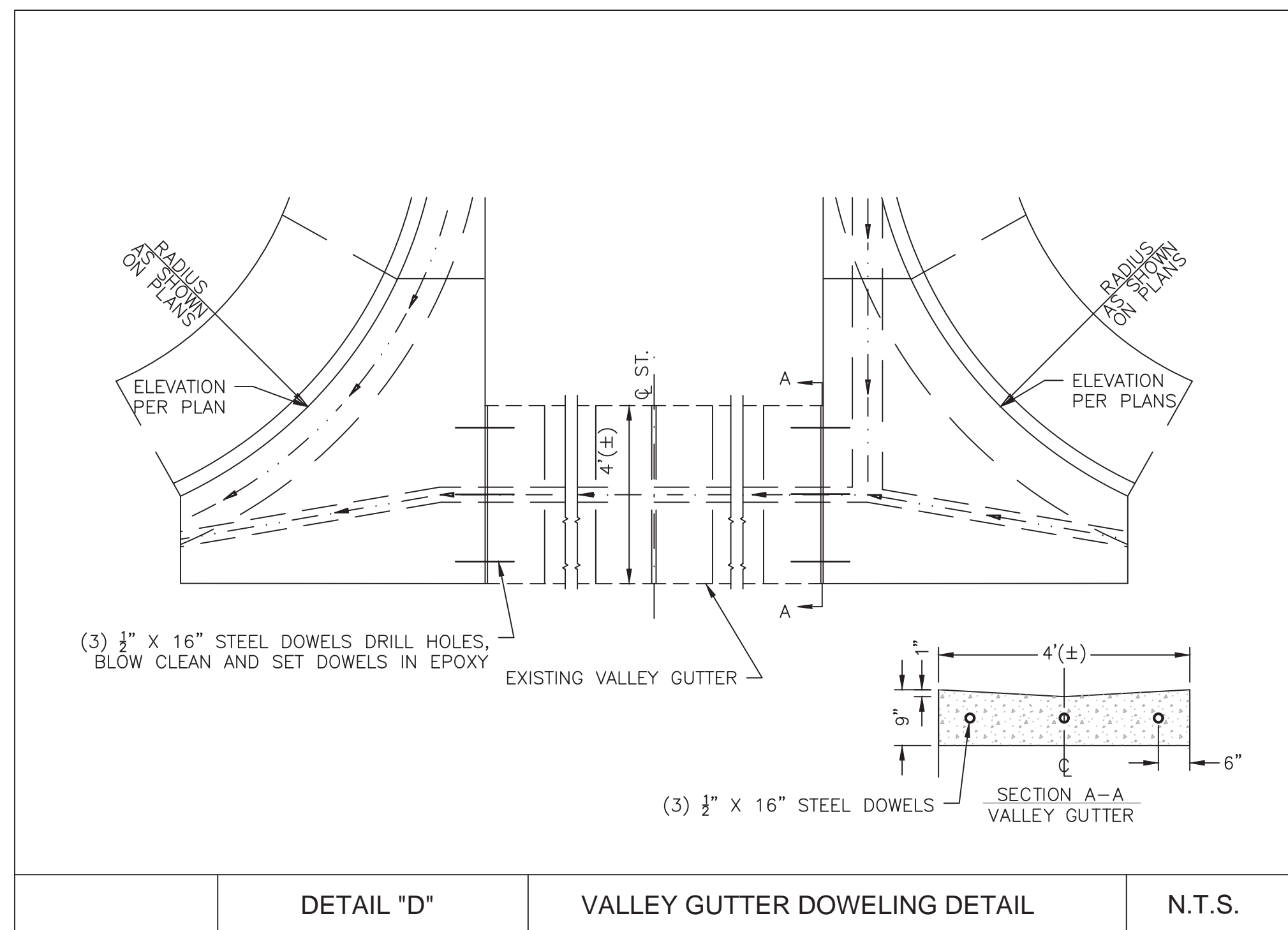
D C B A REVISION DESCRIPTION BY DATE APP.	ASBUILT INFORMATION		REFERENCE DRAWINGS		CITY OF KINGMAN ENGINEERING DEPARTMENT 310 NORTH 4TH STREET KINGMAN, ARIZONA 86401 PHONE (928) 753-8122 FAX (928) 753-8118	DESIGNED BY	ERIC SPARKMAN		ADA IMPROVEMENTS		C.O.K. PROJECT NO.
	DATE OF ACCEPTANCE	03-W-0029	CHECKED BY	GREG HENRY		FILENAME					
	INSPECTED BY	83-W-0013	DATE DRAWN	8/7/19		180082DS01.dwg					
	REVISIED BY	70-W-0004	HORIZ. SCALE	NONE		SHEET NO.					
	CHECKED BY	00-ST-0049	VERT. SCALE	NONE		C03					
ADEQ FILE NUMBER	97-ST-0021			3 OF 21							
DATE OF ADEQ APPROVAL				DETAIL SHEET 1							
CITY CONTRACT NUMBER											
CONTRACTOR											



DETAIL NO. 220-1 MARICOPA ASSOCIATION OF GOVERNMENTS STANDARD DETAIL ENGLISH CURB AND GUTTER TYPES A, B, C AND D REVISED 01-01-2007

DETAIL NO. 222 MARICOPA ASSOCIATION OF GOVERNMENTS STANDARD DETAIL ENGLISH SINGLE CURB - TYPES A, B AND TERMINATION REVISED 01-01-2008

DETAIL NO. 230 STANDARD DETAIL SIDEWALKS CITY OF KINGMAN REVISED 2017

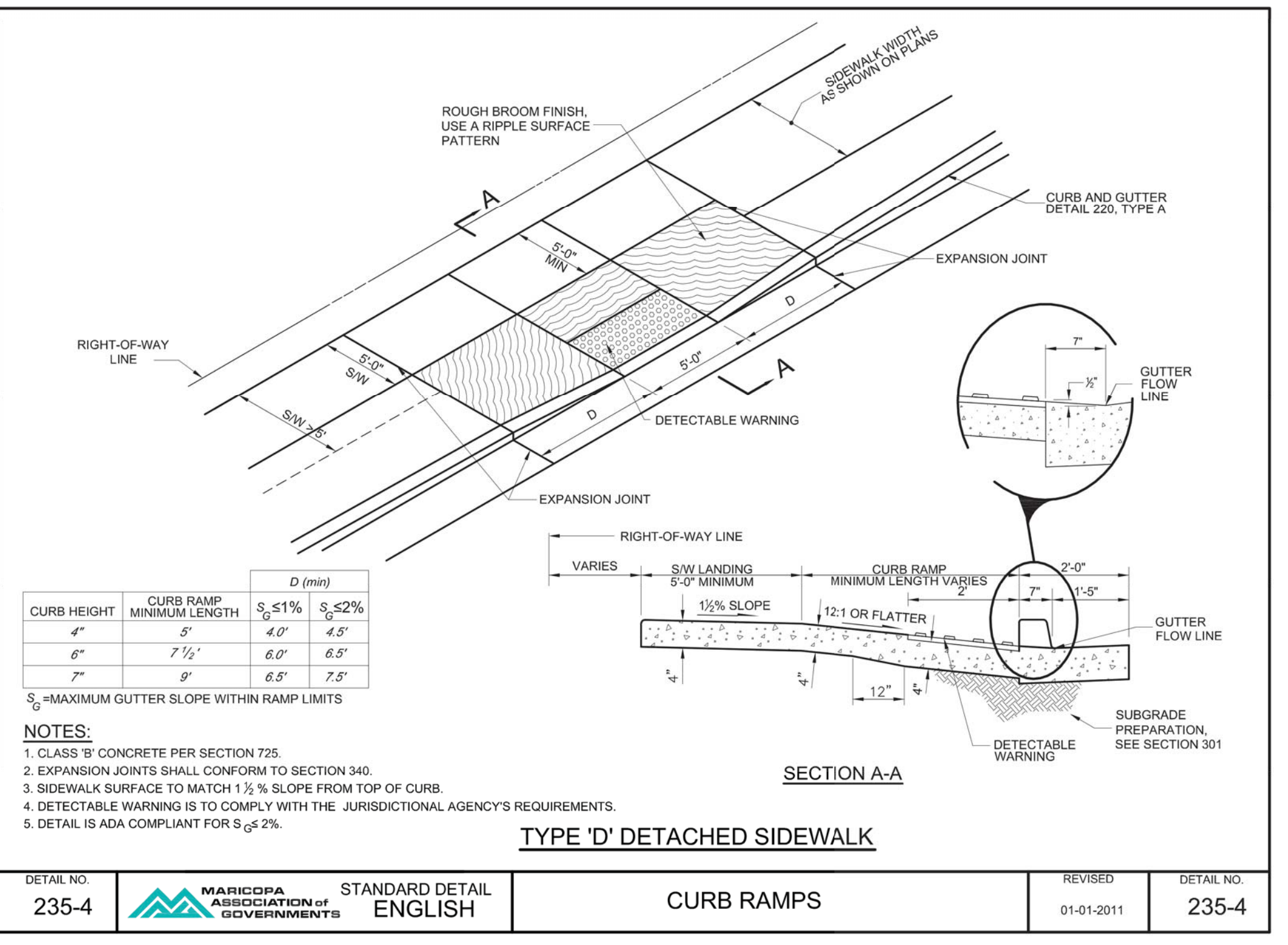
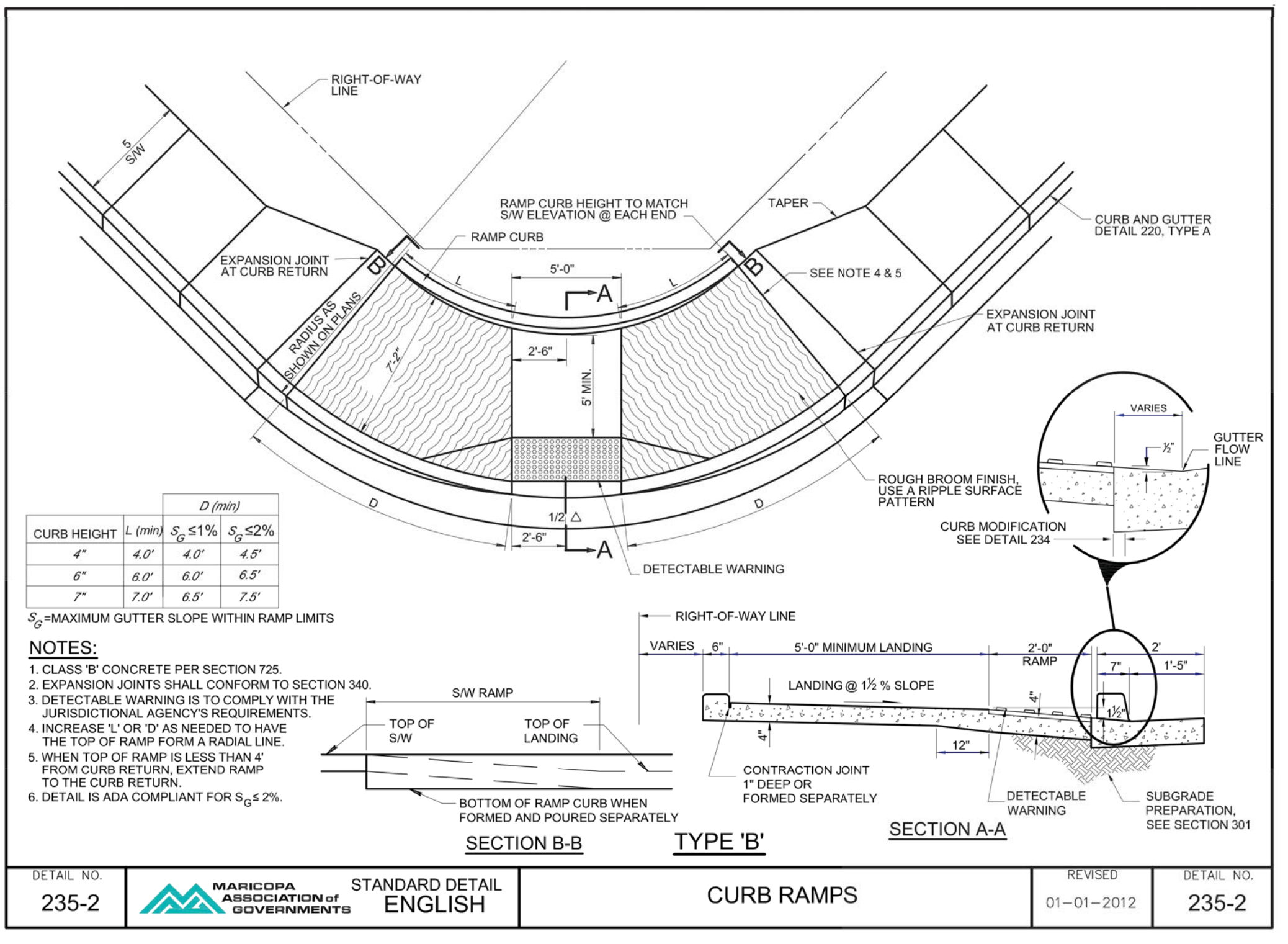
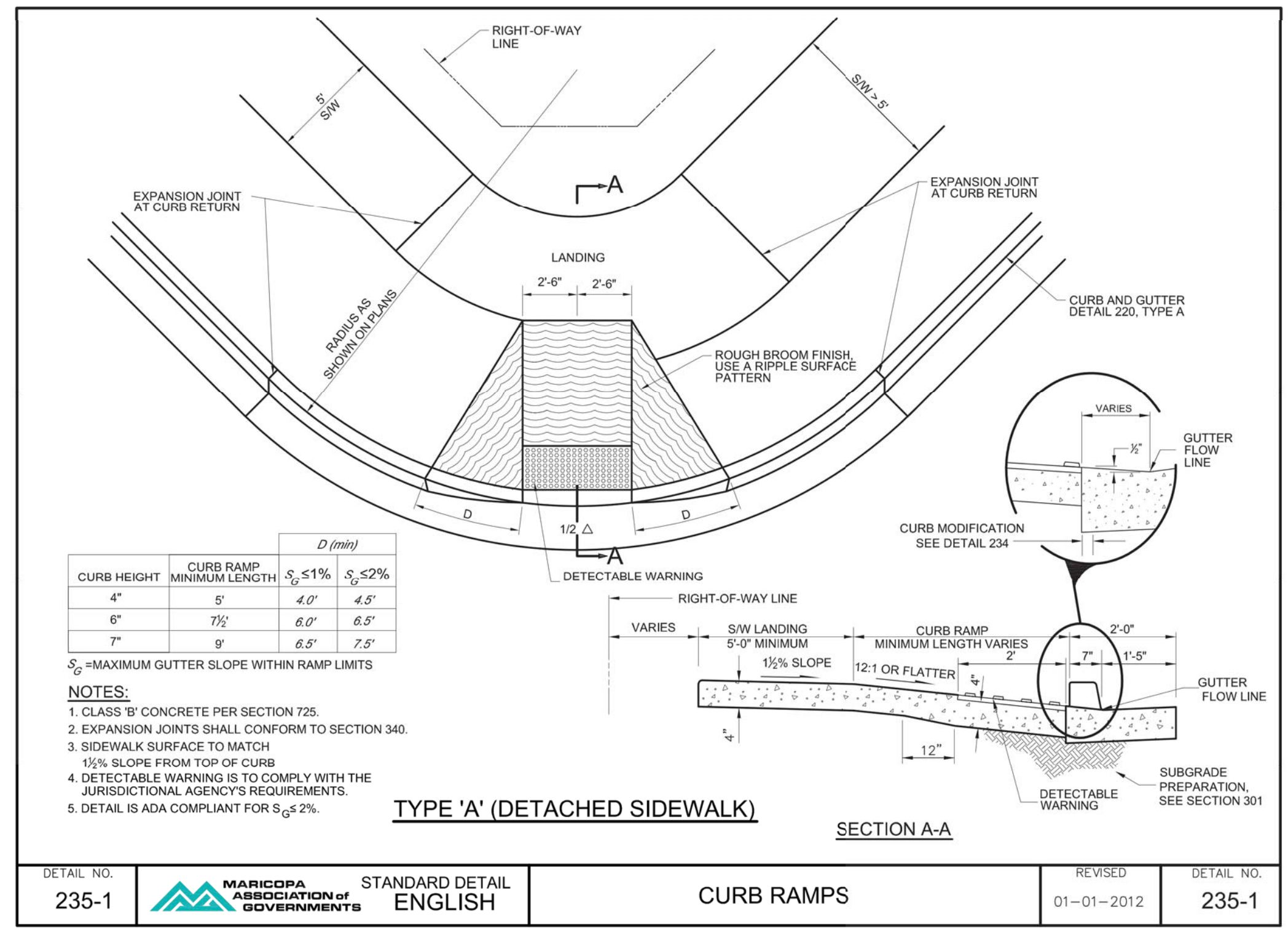
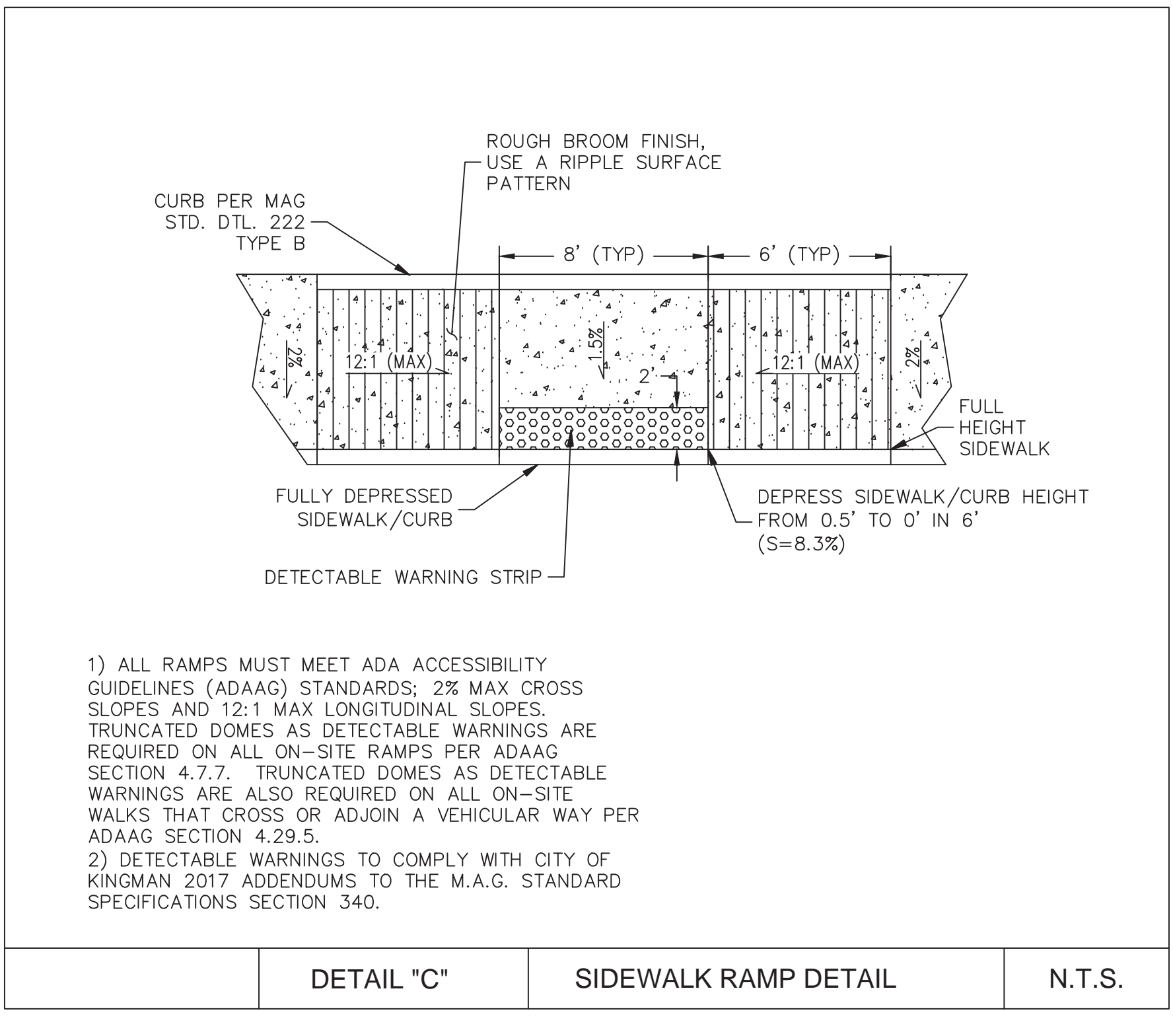
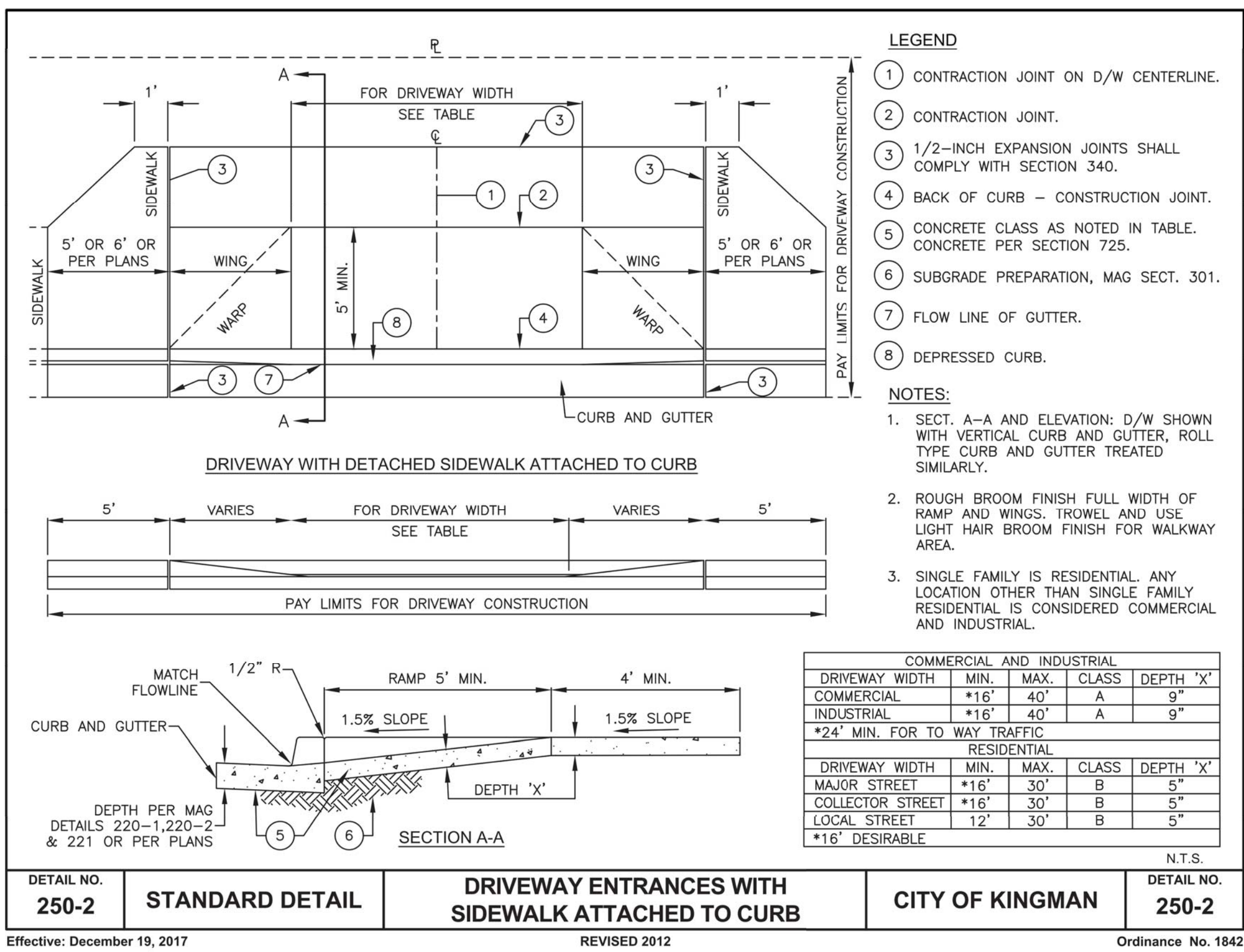
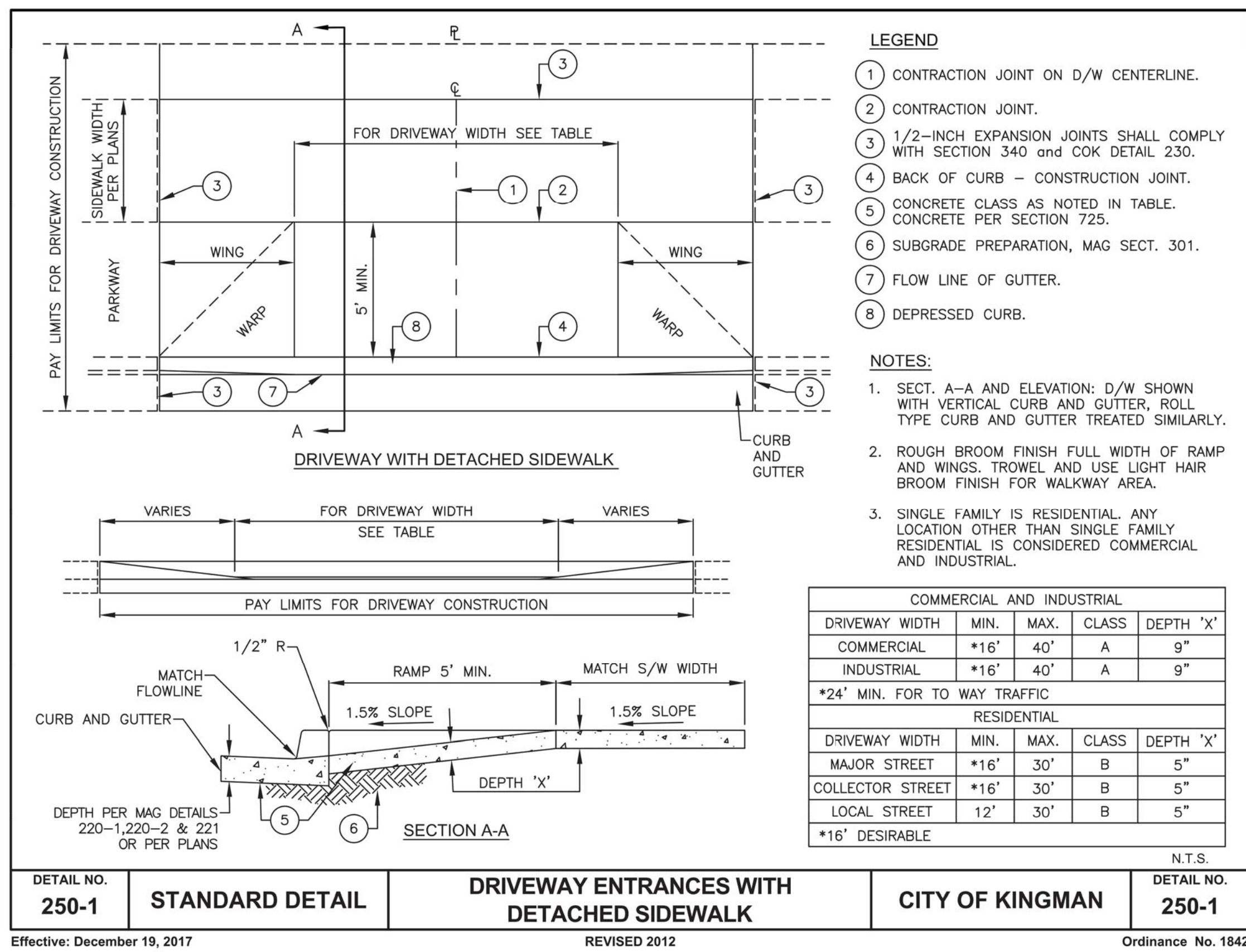


DETAIL "D" VALLEY GUTTER DOWELING DETAIL N.T.S.

DETAIL NO. 240 MARICOPA ASSOCIATION OF GOVERNMENTS STANDARD DETAIL ENGLISH VALLEY GUTTER REVISED 01-01-2010

DETAIL NO. P1255-3 City of Phoenix STANDARD DETAIL DRIVEWAY ENTRANCE - ADA RETROFIT APPROVED 8/9/03

D C B A REVISION DESCRIPTION BY DATE APP.	ASBUILT INFORMATION		REFERENCE DRAWINGS		CITY OF KINGMAN ENGINEERING DEPARTMENT 310 NORTH 4TH STREET KINGMAN, ARIZONA 86401 PHONE (928) 753-8122 FAX (928) 753-8118	DESIGNED BY ERIC SPARKMAN		ADA IMPROVEMENTS		C.O.K. PROJECT NO. ENG-18-0082
	DATE OF ACCEPTANCE	03-W-0029	INSPECTED BY	83-W-0013		DRAWN BY ALEX LOZANO		ANDY DEVINE AVENUE		FILENAME 180082DS02.dwg
	REVISED BY	70-W-0004	CHECKED BY	00-ST-0049		CHECKED BY GREG HENRY		DETAIL SHEET 2		SHEET NO. C04
	ADEQ FILE NUMBER	97-ST-0021	DATE OF ADEQ APPROVAL			DATE DRAWN 8/7/19				4 OF 21
	CITY CONTRACT NUMBER		CITY CONTRACT NUMBER			HORIZ. SCALE NONE				
		CONTRACTOR			VERT. SCALE NONE					



REVISION DESCRIPTION	BY	DATE	APP.

ASBUILT INFORMATION	
DATE OF ACCEPTANCE	03-W-0029
INSPECTED BY	83-W-0013
REVISED BY	70-W-0004
CHECKED BY	00-ST-0049
ADEQ FILE NUMBER	97-ST-0021
DATE OF ADEQ APPROVAL	
CITY CONTRACT NUMBER	
CONTRACTOR	

REFERENCE DRAWINGS	

CITY OF KINGMAN
ENGINEERING DEPARTMENT

310 NORTH 4TH STREET
KINGMAN, ARIZONA 86401
PHONE (928) 753-8122 FAX (928) 753-8118

DESIGNED BY ERIC SPARKMAN
DRAWN BY ALEX LOZANO
CHECKED BY GREG HENRY
DATE DRAWN 8/7/19
HORIZ. SCALE NONE
VERT. SCALE NONE



ADA IMPROVEMENTS

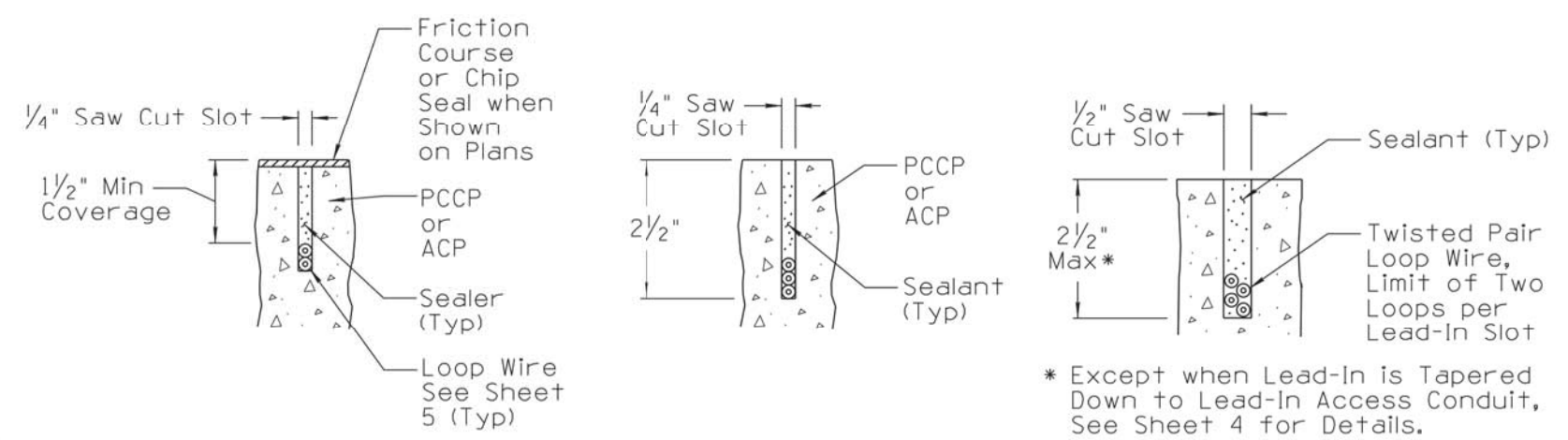
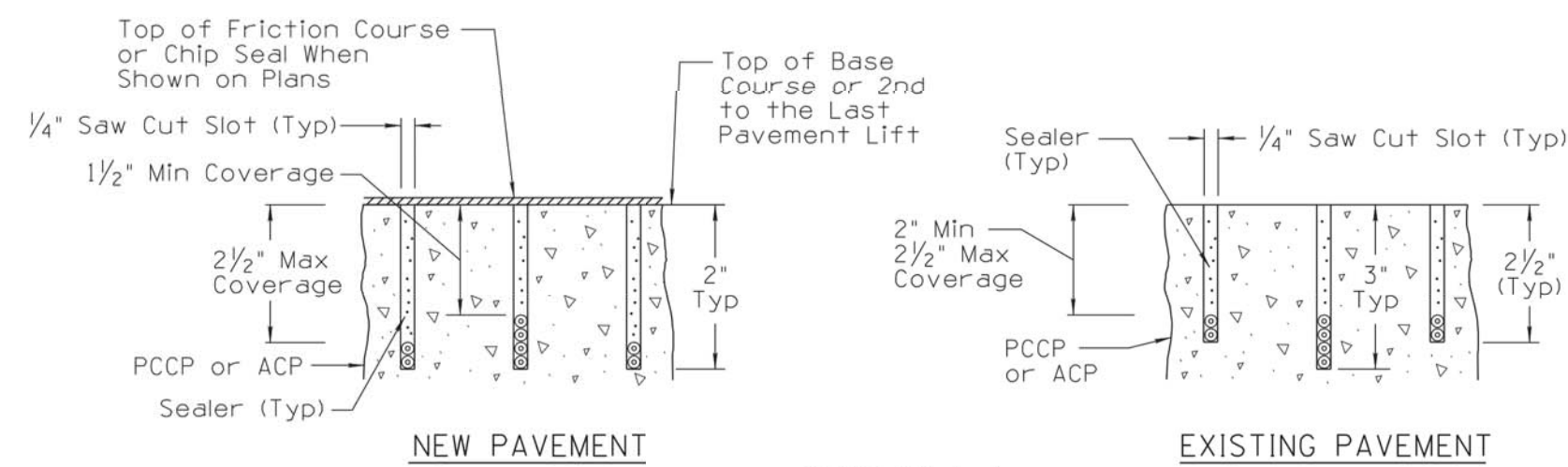
ANDY DEVINE AVENUE

DETAIL SHEET 3

C.O.K. PROJECT NO. ENG-18-0082
FILENAME 180082DS03.dwg
SHEET NO. C05
5 OF 21

NOTES CONTINUED:

- The detector loops installed shall be the proper shape and size for the intended application. Care shall be taken to insure that they are located in proper relation to the stop lines, lane line, and/or cross walks.
- The edge of a detector loop shall never be closer than two feet from the adjacent lane, except for bike lanes.
- If there is a manhole or water valve cover that is in the way of the proposed loop then the Engineer and contractor shall confer to develop a solution. (e.g. cut around pattern)
- The standard size loops, unless otherwise noted on the plans, shall be 6' by 70' quadrupole (quad) for thru movement presence, 6' by 50' quad for left turn presence and 6 x 6' for advance loops.
- Once the locations have been reviewed and approved, the contractor shall utilize the marks to saw cut in the lead-in slots first, and then saw cut the loop slots second. The junction of loop cuts shall be core drilled.
- The saw cuts slots and the drilled cores shall be completely cleaned with clean water and blown dry by means of an air stream free of oil or water. Excess material created by sawing and coring shall be removed from the roadway and disposed of in a manner which is acceptable to the Engineer. All cuts and cores and slots shall be closely inspected for jagged edges or protrusions prior to the placement of the wire. All jagged edges and protrusions shall be ground or re-cut and cleaned again.
- The wire shall be placed as far down in the saw cut as possible and in such a manner that the tube or insulation is not damaged. The bend in the wire at any one point shall not exceed 90 degrees. The wire shall be held in place during installation by strips of polyethylene (PE) foam sealant backer rods two inches in length, placed approximately every two feet closer spacing is to be used if need be. Wires crossing pavement joints or larger pavement cracks shall be protected with plastic sleeving extending a minimum of four inches either side of the joint or crack. Slots crossing joints or cracks are to be widened and deepened as necessary to accommodate the bridging sleeve.

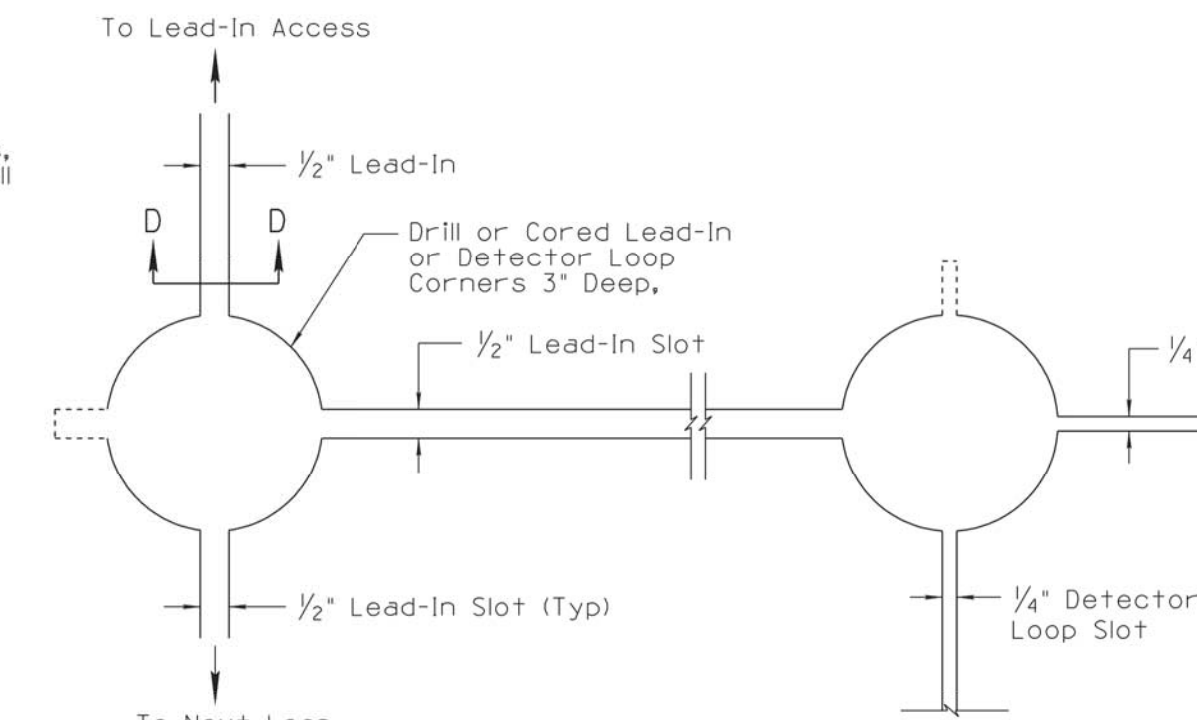
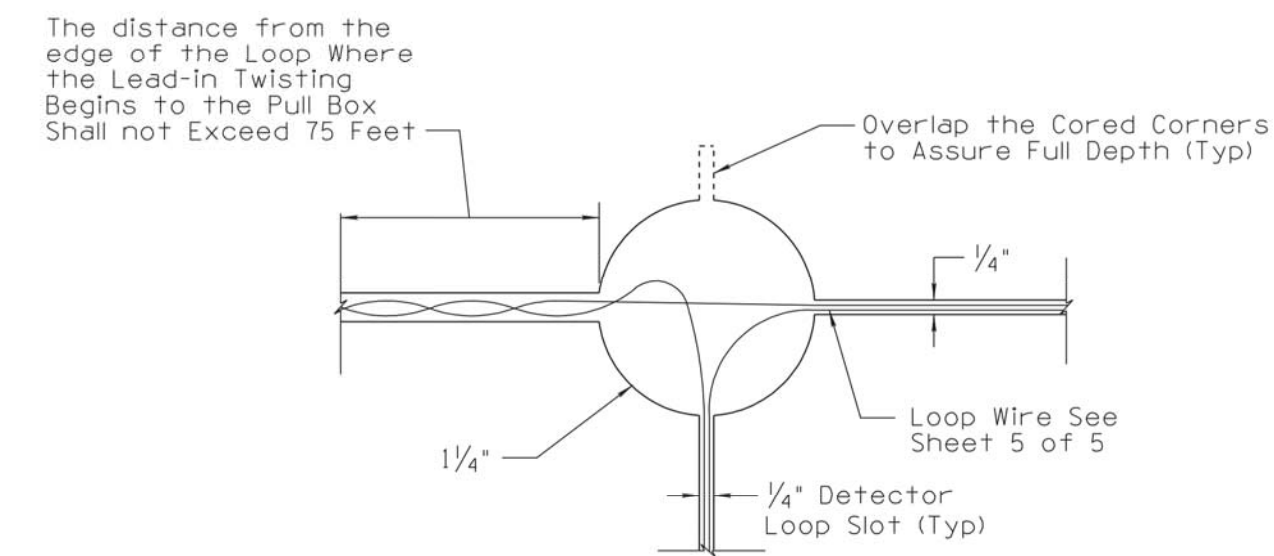


NOT TO SCALE

DESIGN APPROVED SIGNATURE	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION TRAFFIC SIGNALS AND LIGHTING STANDARD DRAWINGS	REVISION 03/10
APPROVED FOR DISTRIBUTION ON FILE	SAW CUT AND CORING DETAILS	T.S. 7-1 SHEET NO. 2 OF 5

NOTES CONTINUED:

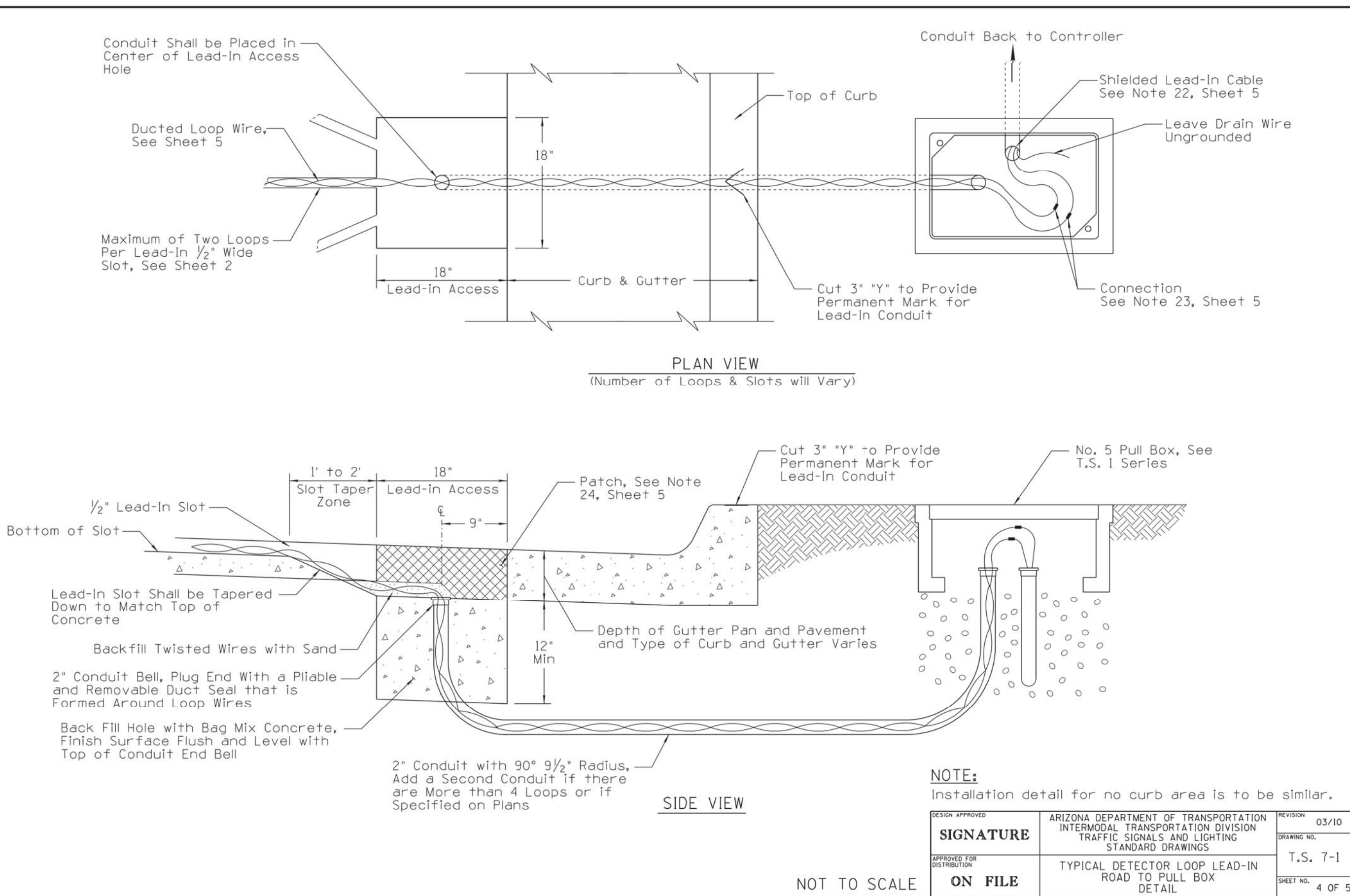
- Vehicle loops shall be located in the center of the traveled lane unless specified otherwise on the project plans. Bicycle loops shall be located in the center of the bike lane unless otherwise noted on the plans.
- All loop wire, shield cable and sealant shall be inspected and approved for use by the Engineer.
- If new pavement is being installed at the proposed location of detector loops the loops shall be installed under the non-structural riding course (ARAC-FC, Chip Seal, or Slurry Seal). The saw cut depths shall be adjusted according to assure a minimum of 1-1/2 inches of cover (pavement surface plus sealed saw cut). The maximum allowable cover shall not exceed 3 inches.
- All loop wire shall be twisted at a minimum rate of two turns per foot from the loop back to the pull box. The maximum number of turns in a foot shall not exceed five. The start (or leading) and finish (or lagging) wire for each loop shall be permanently labeled in the pull box. The label shall also include note of the lane position, use and phase.
- The loops shall be wired per the winding pattern and number of turns specified. A wooden paddle or similar blunt object shall be used to install and seat loop wires in slots. The contractor shall take the necessary time to work the loop wire into all slots so it lays flat and is secure.
- Loops in ACP pavement shall be sealed with an approved crack filler sealant per the Standard Specifications. Loops in concrete pavement or top/top most ACP course shall be sealed with an approved elastomeric-premix loop sealant, hot rubber sealant (ACP only), or an approved two-part epoxy loop sealant. Sealants shall be used in a manner that is consistent with the manufacturer's instructions, these drawings and the specifications. The sealant shall seal the loop wire and fill the slot accordingly without gaps or voids and to the specified minimum cover.
- Loop sealants shall be handled in a safe manner. This includes the use of personal protection equipment such as safety glasses, gloves, and respirators if and as necessary. Excessive or waste materials shall be handled and disposed of in an approved fashion.
- Loops shall not be installed when the weather is outside those conditions recommended by the sealant manufacturer.
- Loops shall be protected from traffic until the sealant has sufficient time to dry, cool or cure so no tracking of sealant is possible.
- Once the loops and lead-in wires have been installed, the contractor shall perform the following tests on each loop in the presence of the Engineer before and after the sealant has been placed.
 - Insulation Resistance-to-Ground (or Insulation Resistance): The insulation resistance to ground for each loop shall be measured with a megohm meter connected to either loop lead in and to the nearest reliable electrical ground, such as a metal light pole or fire hydrant, or to a metal rod driven three feet into the ground between the roadway and the pull box. The insulation resistance to ground shall not measure less than 50 megohms at 500 volts DC. A high resistance of greater than 100 megohms is desired.
 - Series Resistance: The series resistance of each six by six foot loop, measured by an ohmmeter, shall be between 0.1 and 0.5 ohm and the maximum resistance of any size loop, including lead-ins, shall typically be less than 5 ohms but not more than 100 ohms.
- Test results for each loop shall be documented and the contractor shall submit two copies of the loop test reports to the Engineer.



TYPICAL SAW CUTTING AND DRILLING OR CORING DETAIL

NOT TO SCALE

DESIGN APPROVED SIGNATURE	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION TRAFFIC SIGNALS AND LIGHTING STANDARD DRAWINGS	REVISION 03/10
APPROVED FOR DISTRIBUTION ON FILE	SAW CUT AND CORING DETAILS	T.S. 7-1 SHEET NO. 3 OF 5

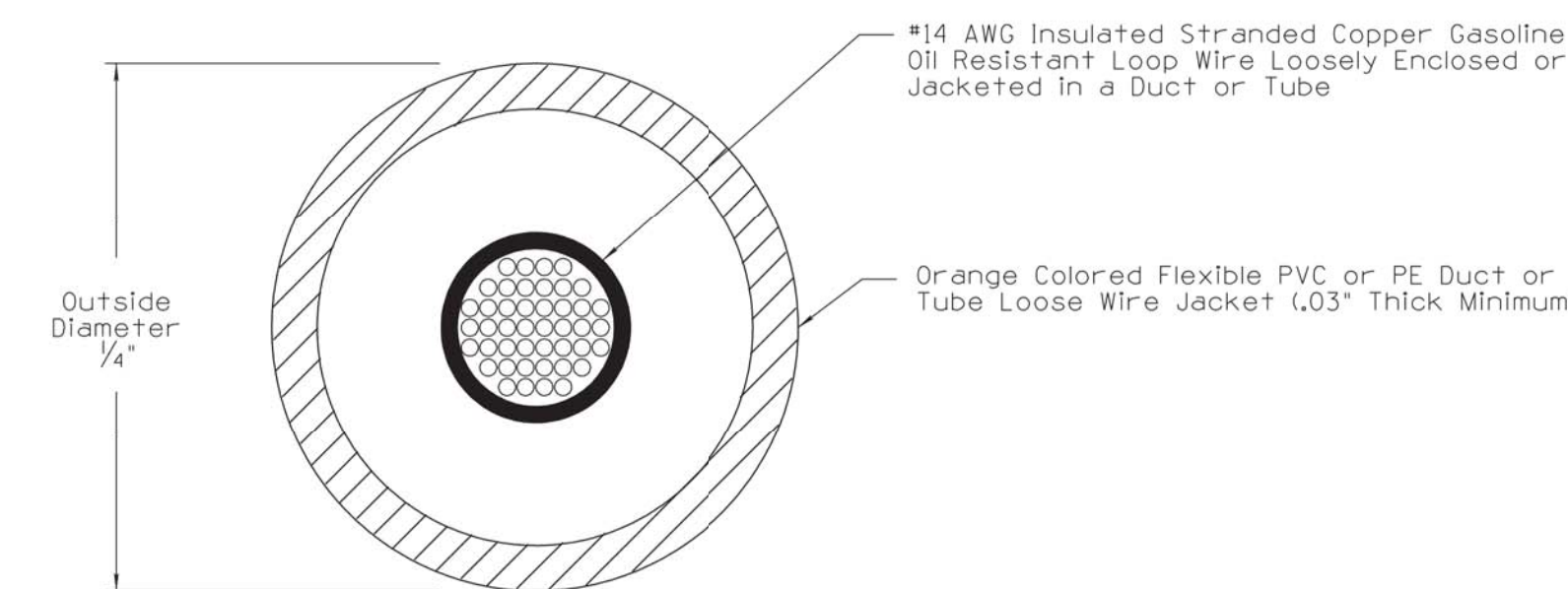


NOT TO SCALE

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APPROVED FOR DISTRIBUTION ON FILE	TYPICAL DETECTOR LOOP LEAD-IN ROAD TO PULL BOX DETAIL	T.S. 7-1 SHEET NO. 4 OF 5

NOTES CONTINUED:

- The lead-in cable from the pull box back to the controller shall conform to the applicable requirements of IMSA Specification 50-2 with the exception that the cable can include up to 4 twisted pairs, not just one. The wire size shall be #14 copper stranded. The cable drain wire and shield shall be grounded at only one end (in the controller). The lead-in cable shall run continuously between the pull box and the controller without splices.
 - Lead-in cable to loop detector connections shall be soldered using an appropriate resin core solder. The solder connection shall then be made completely liquid-tight with an approved heat shrink connection kit that is specifically applicable to loop detector applications. Care shall be taken to heat the connection kit to the correct temperature without damaging the loop wire or lead-in wire insulation. Other types of connection are allowable if approved by the Engineer.
 - The lead-in access hole shall be backfilled and patched according to the detail shown on sheet 4. The contractor shall patch the existing pavement with an approved patch material (UPM or approved equal) in an acceptable manner. Care shall be taken not to damage loop wires. The patch shall be at least 1/4-inch (but not more than 1/2-inch) higher than existing pavement or it can be compacted flush if approved by the Engineer.
 - The final testing of each loop will involve a repeat of the tests specified per Note 21 and the following additional tests:
 - Inductance: The inductance of each loop will be measured with an inductance tester. The inductance for a six by six foot loop with an 11 foot lead in shall be in the range between 50 and 80 microhenries. The inductance may be greater with larger loops and longer lead-ins but in no case shall the total inductance exceed 700 microhenries.
 - Operation Test: Each loop will be connected at the controller cabinet and the response observed per an operational loop amplifier unit under real or simulated traffic conditions (vehicle shall drive on to or over installed loops).
- Problems or failures shall be correct as directed by the Engineer.



DUCTED OR TUBED DETECTOR LOOP WIRE
(Note: Shall Conform to Applicable Requirements of IMSA 51-7)

NOT TO SCALE

DESIGN APPROVED SIGNATURE	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION TRAFFIC SIGNALS AND LIGHTING STANDARD DRAWINGS	REVISION 03/10
APPROVED FOR DISTRIBUTION ON FILE	LOOP DETECTOR LOCATION AND INSTALLATION DETAILS	T.S. 7-1 SHEET NO. 5 OF 5

REVISION DESCRIPTION	BY	DATE	APP.
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C			
B			
A			

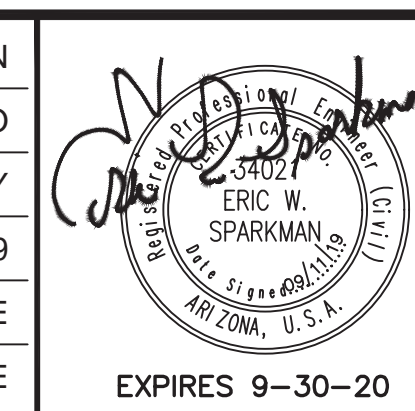
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INSPECTED BY	83-W-0013
REVISED BY	70-W-0004
CHECKED BY	00-ST-0049
ADEQ FILE NUMBER	97-ST-0021
DATE OF ADEQ APPROVAL	
CITY CONTRACT NUMBER	
CONTRACTOR	

REFERENCE DRAWINGS	
DATE OF ACCEPTANCE	03-W-0029
INSPECTED BY	83-W-0013
REVISED BY	70-W-0004
CHECKED BY	00-ST-0049
ADEQ FILE NUMBER	97-ST-0021
DATE OF ADEQ APPROVAL	
CITY CONTRACT NUMBER	
CONTRACTOR	

CITY OF KINGMAN
ENGINEERING DEPARTMENT

310 NORTH 4TH STREET
KINGMAN, ARIZONA 86401
PHONE (928) 753-8122 FAX (928) 753-8118

DESIGNED BY	ERIC SPARKMAN
DRAWN BY	ALEX LOZANO
CHECKED BY	GREG HENRY
DATE DRAWN	8/20/19
HORIZ. SCALE	NONE
VERT. SCALE	NONE

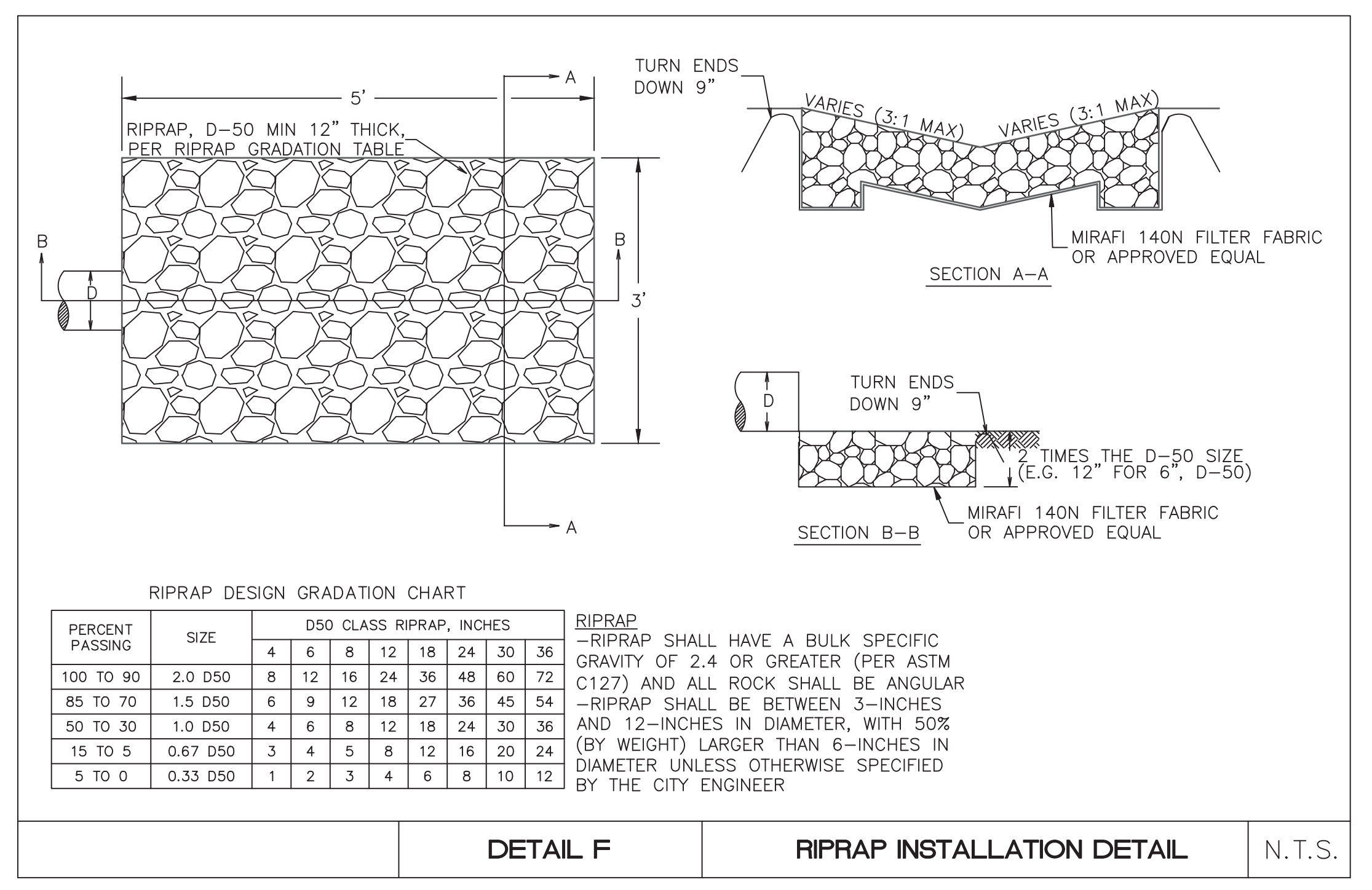
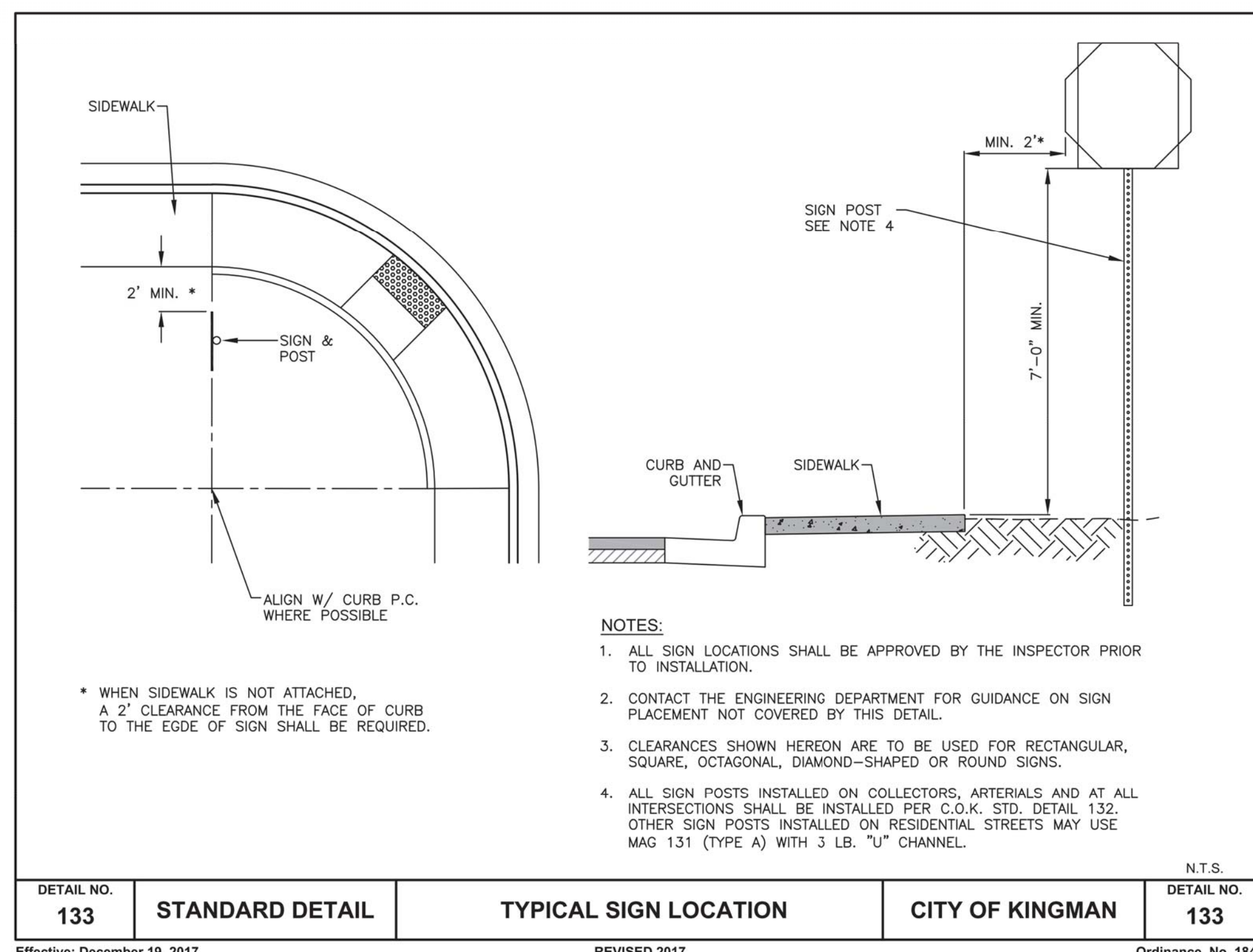
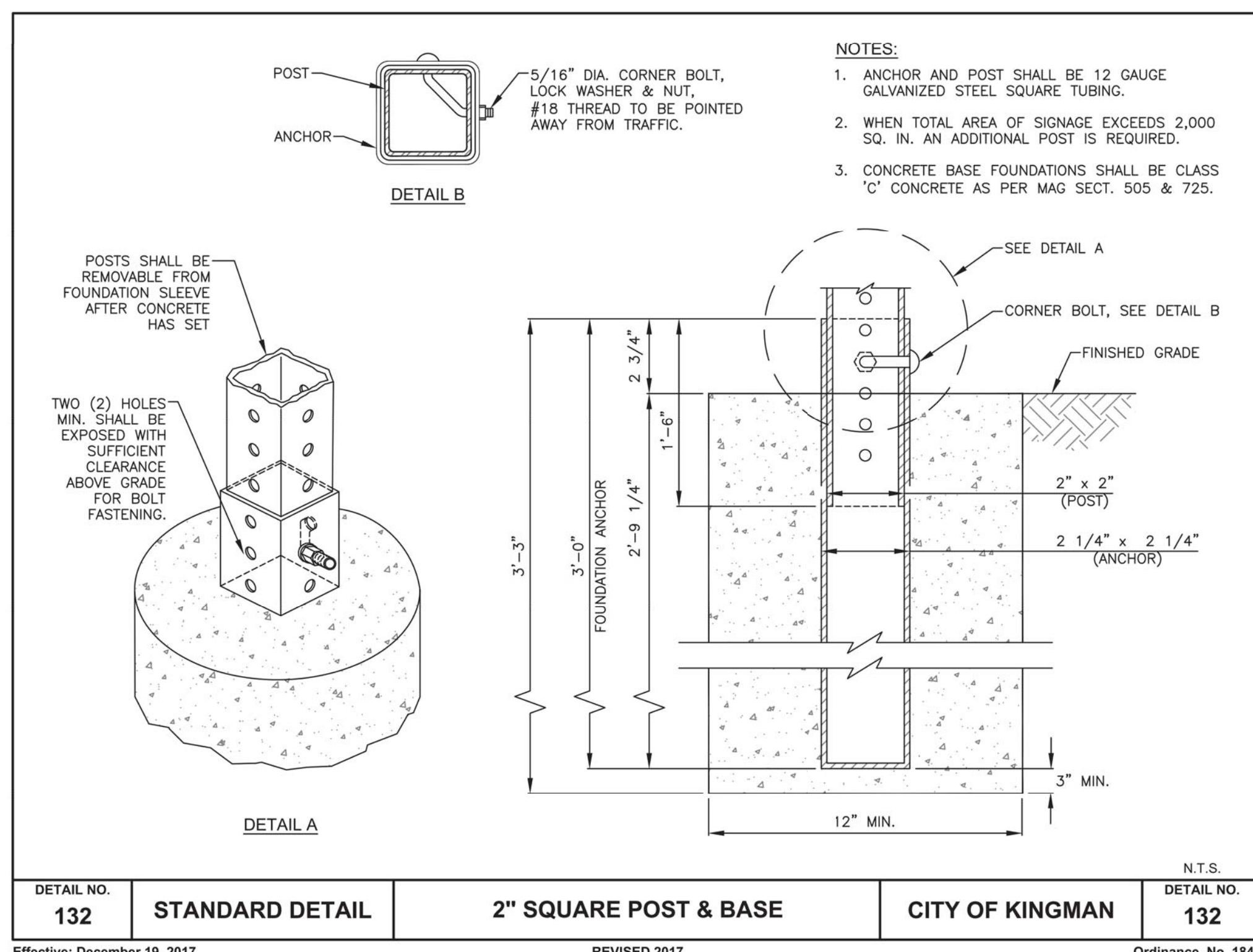
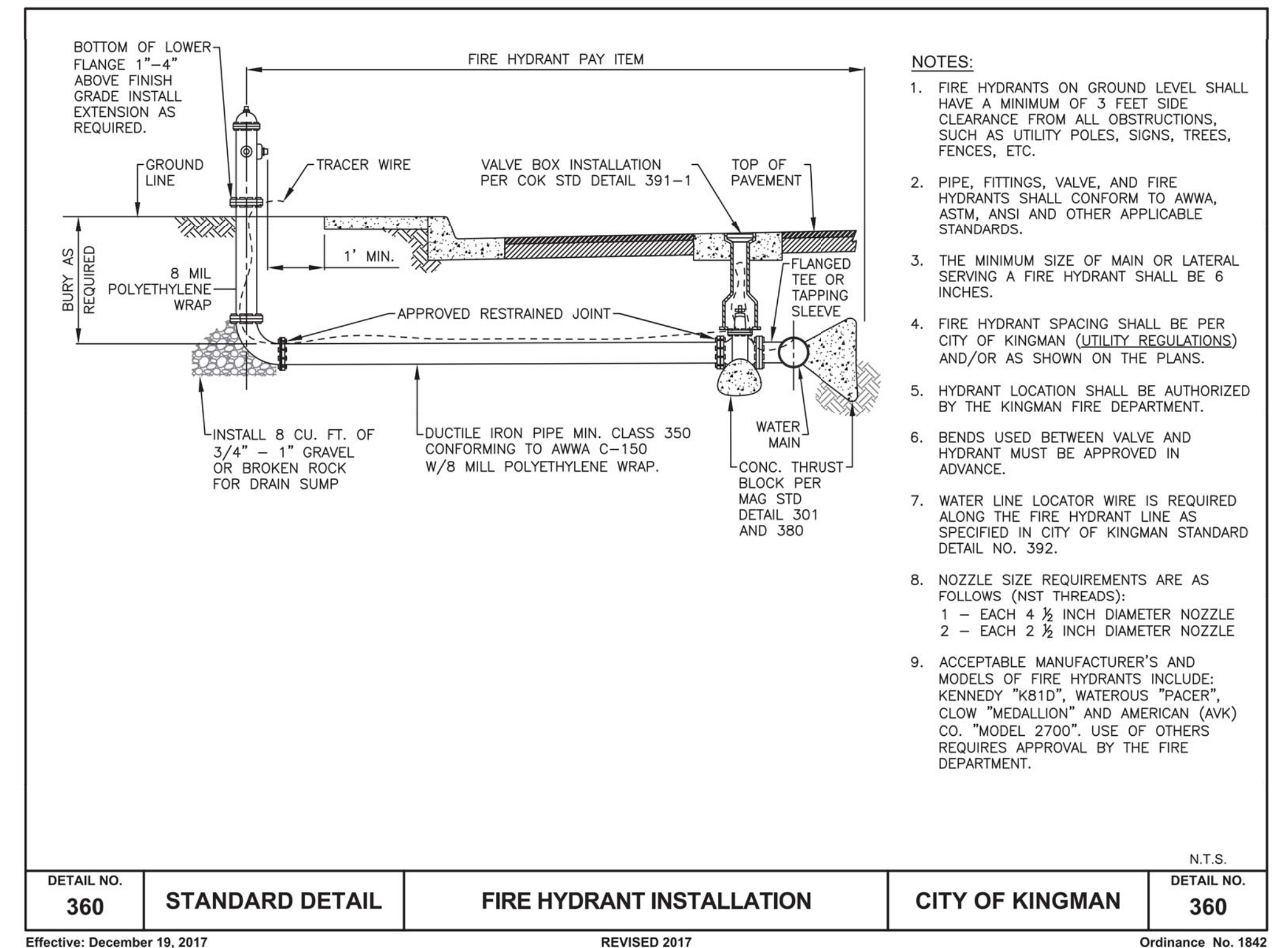
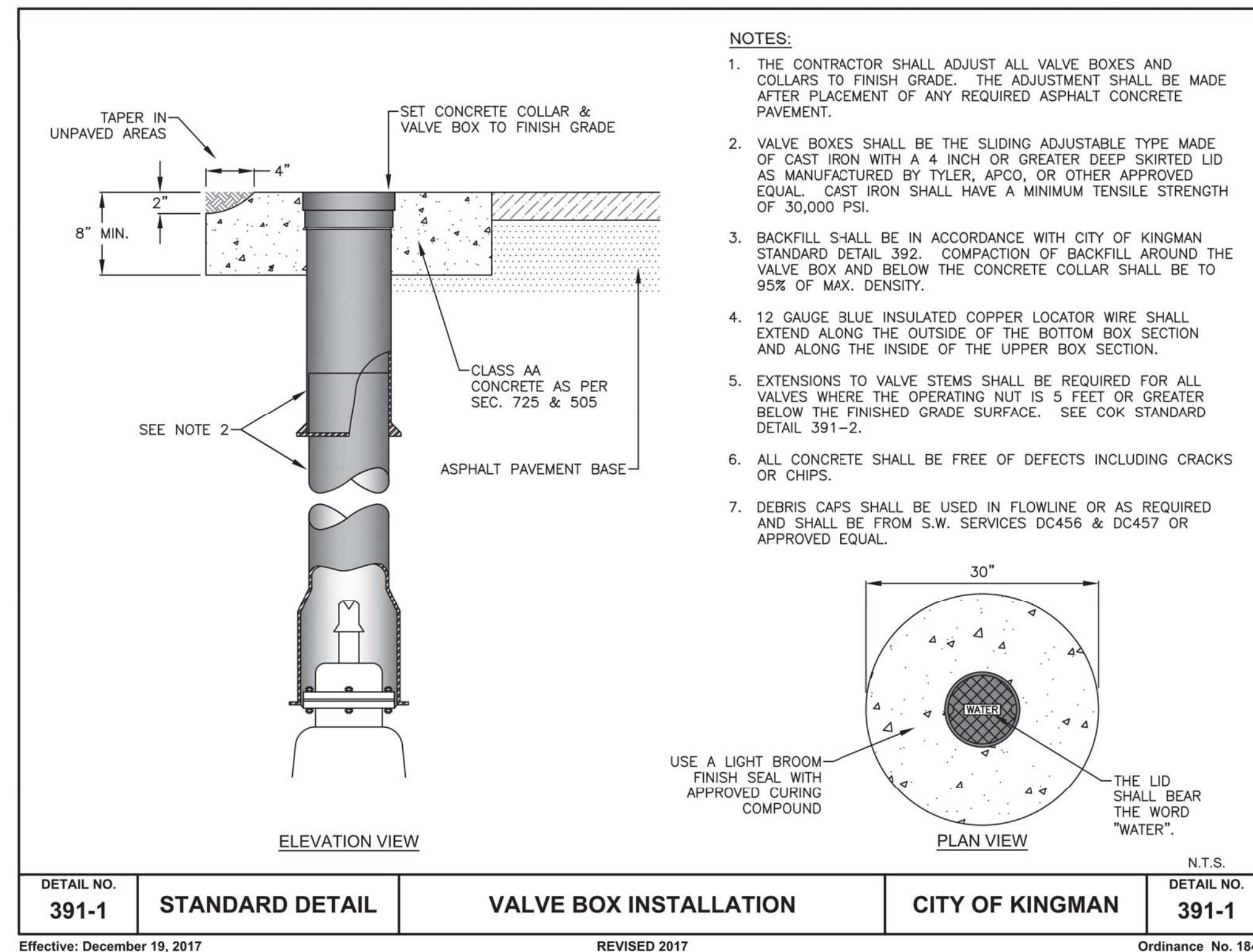
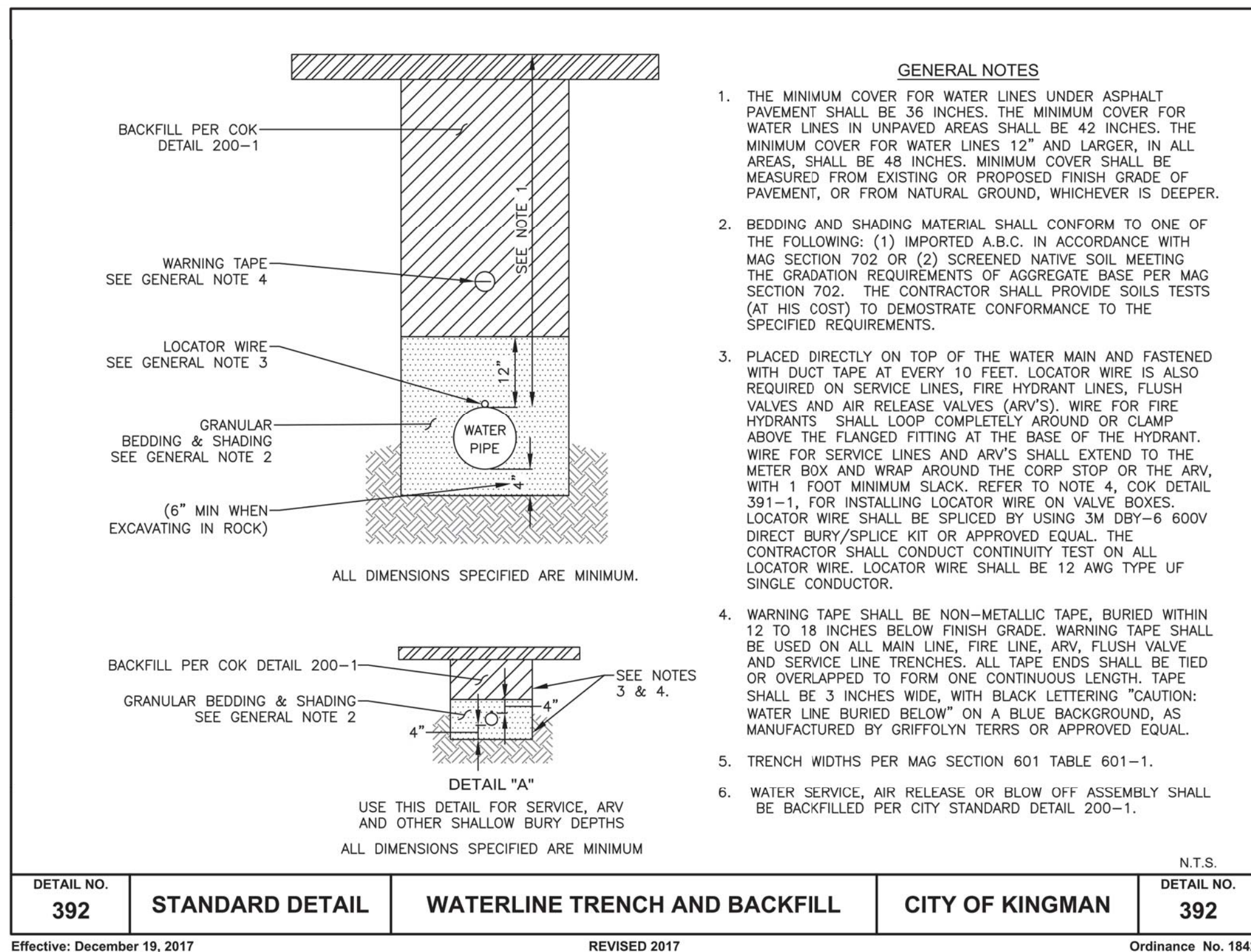


ADA IMPROVEMENTS

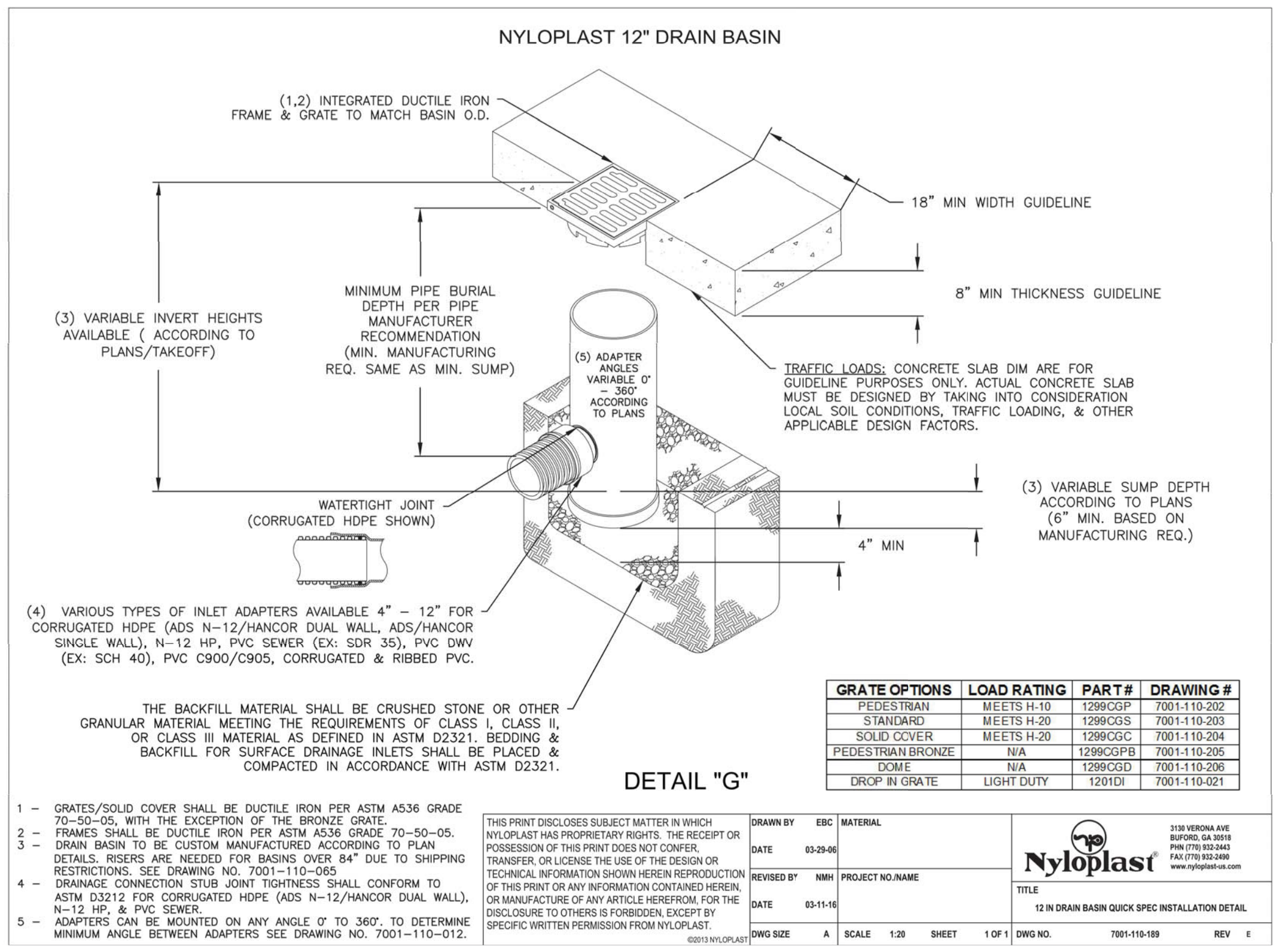
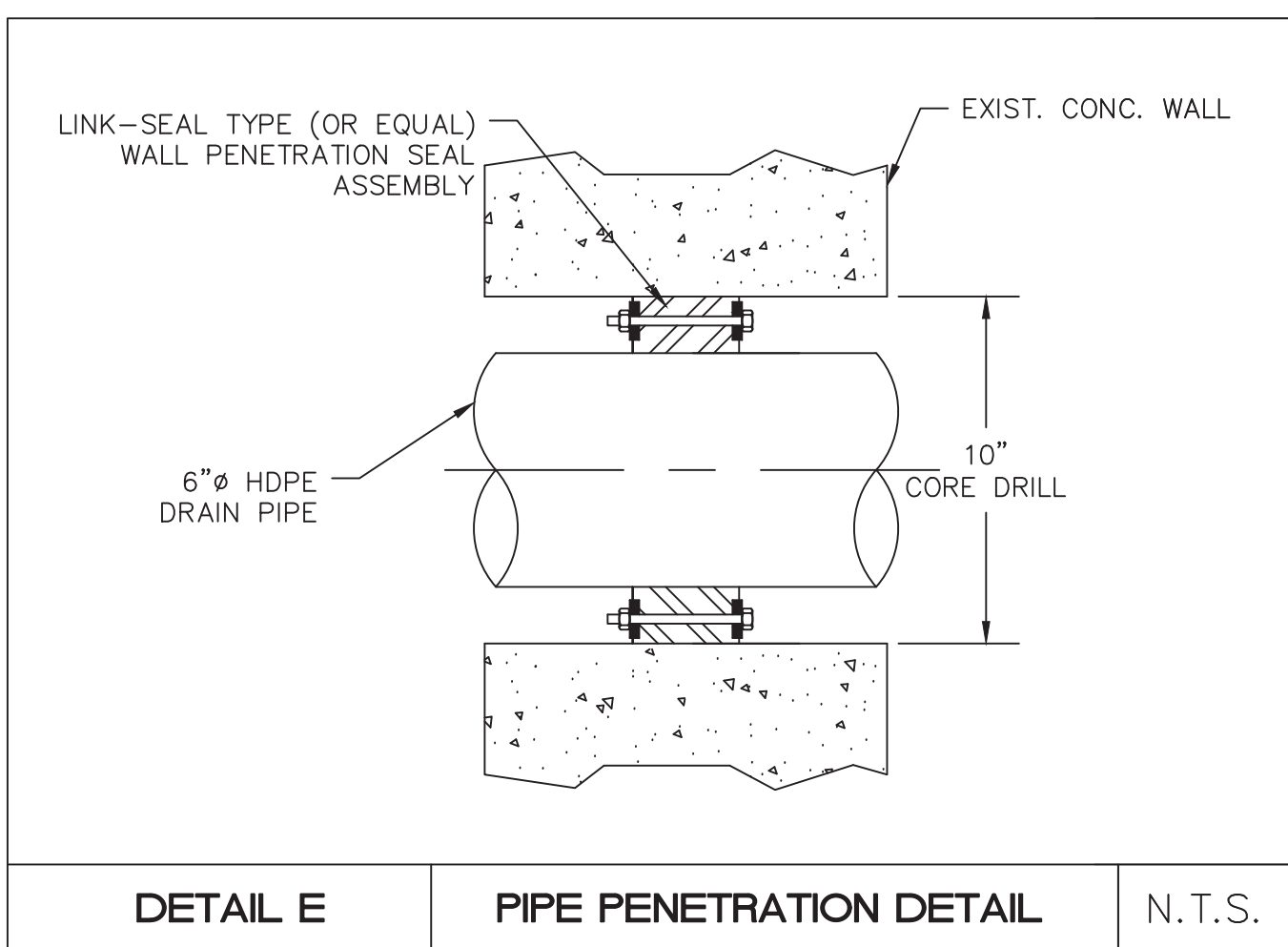
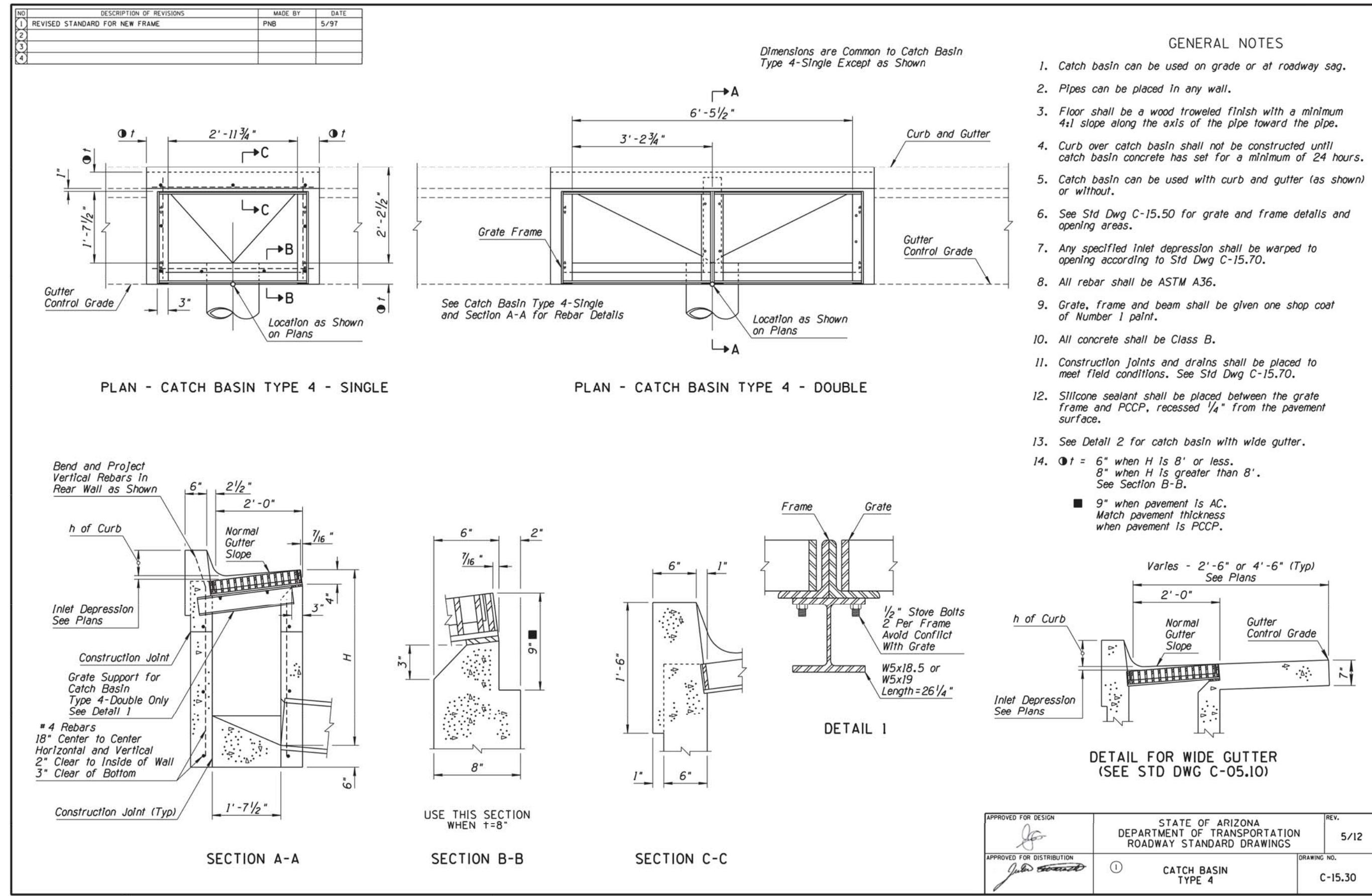
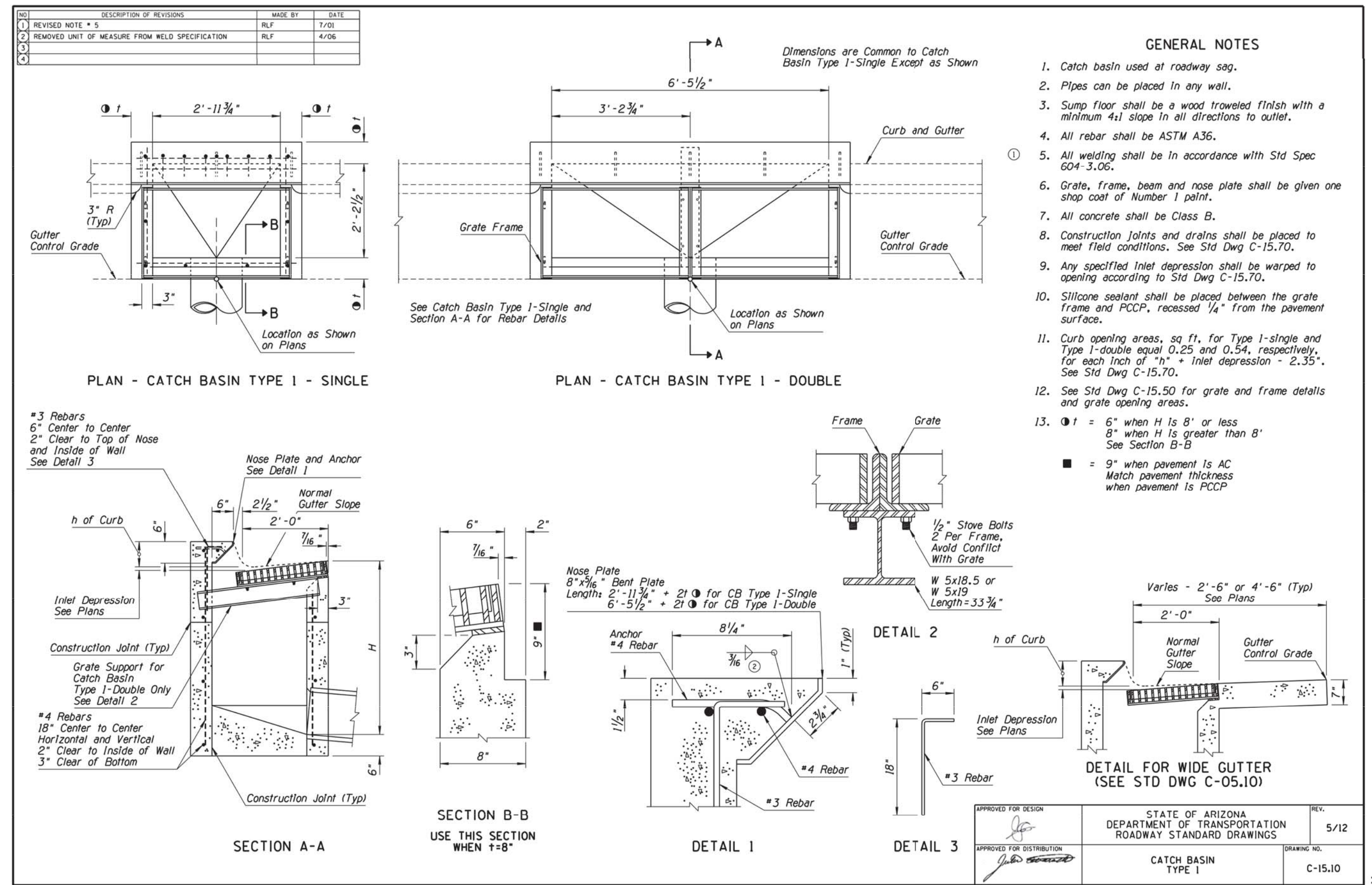
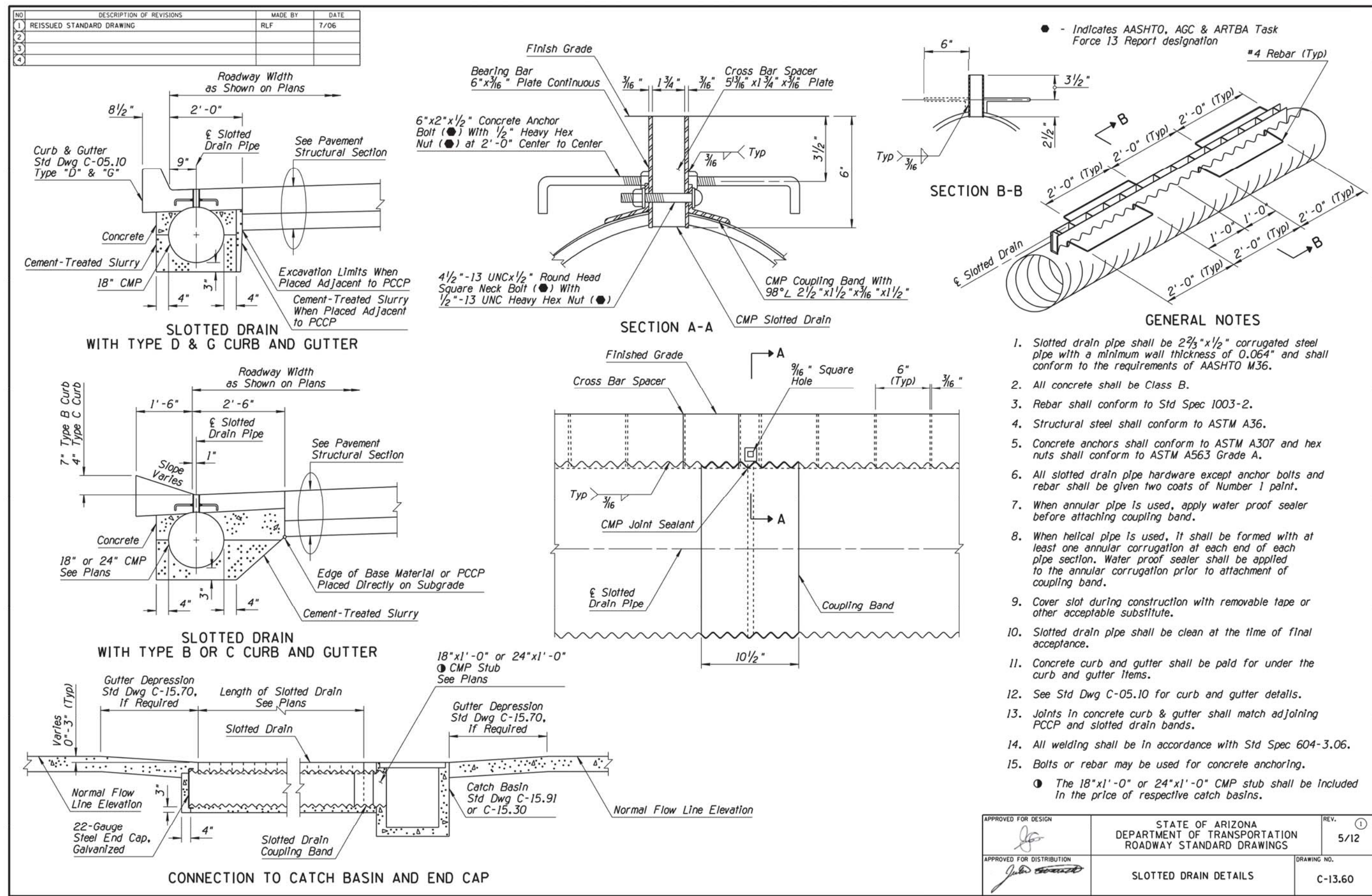
ANDY DEVINE AVENUE

DETAIL SHEET 5

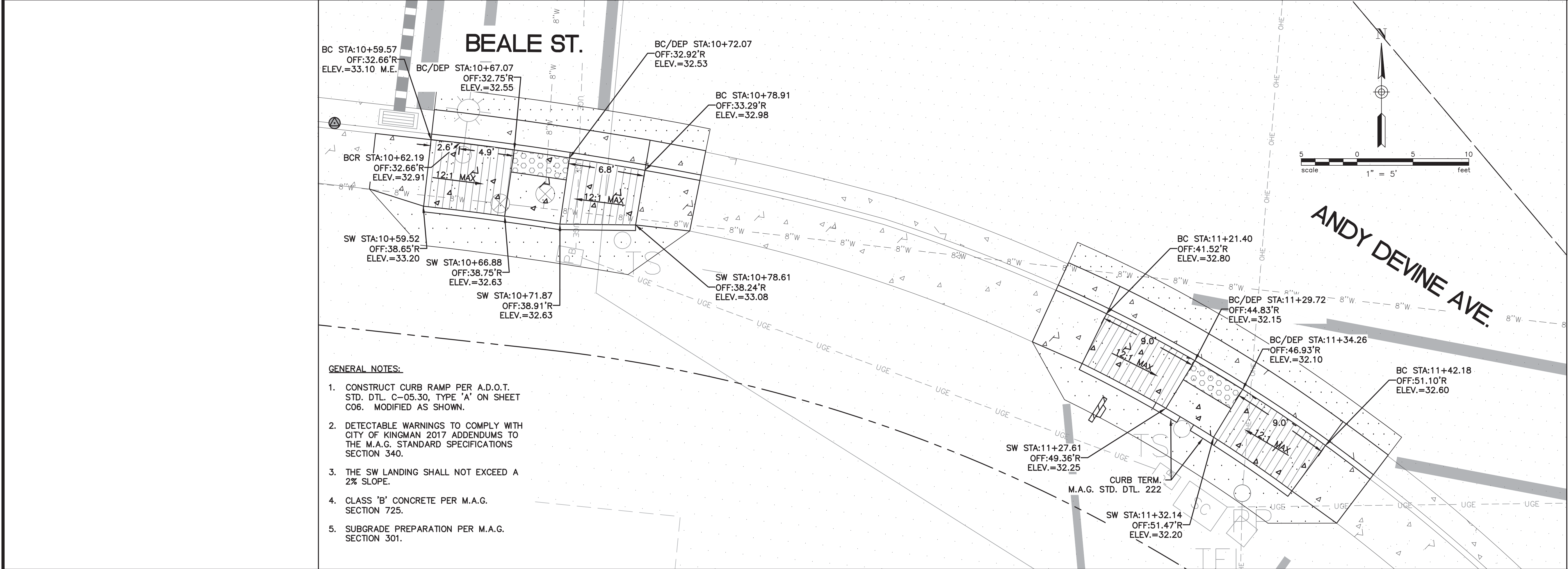
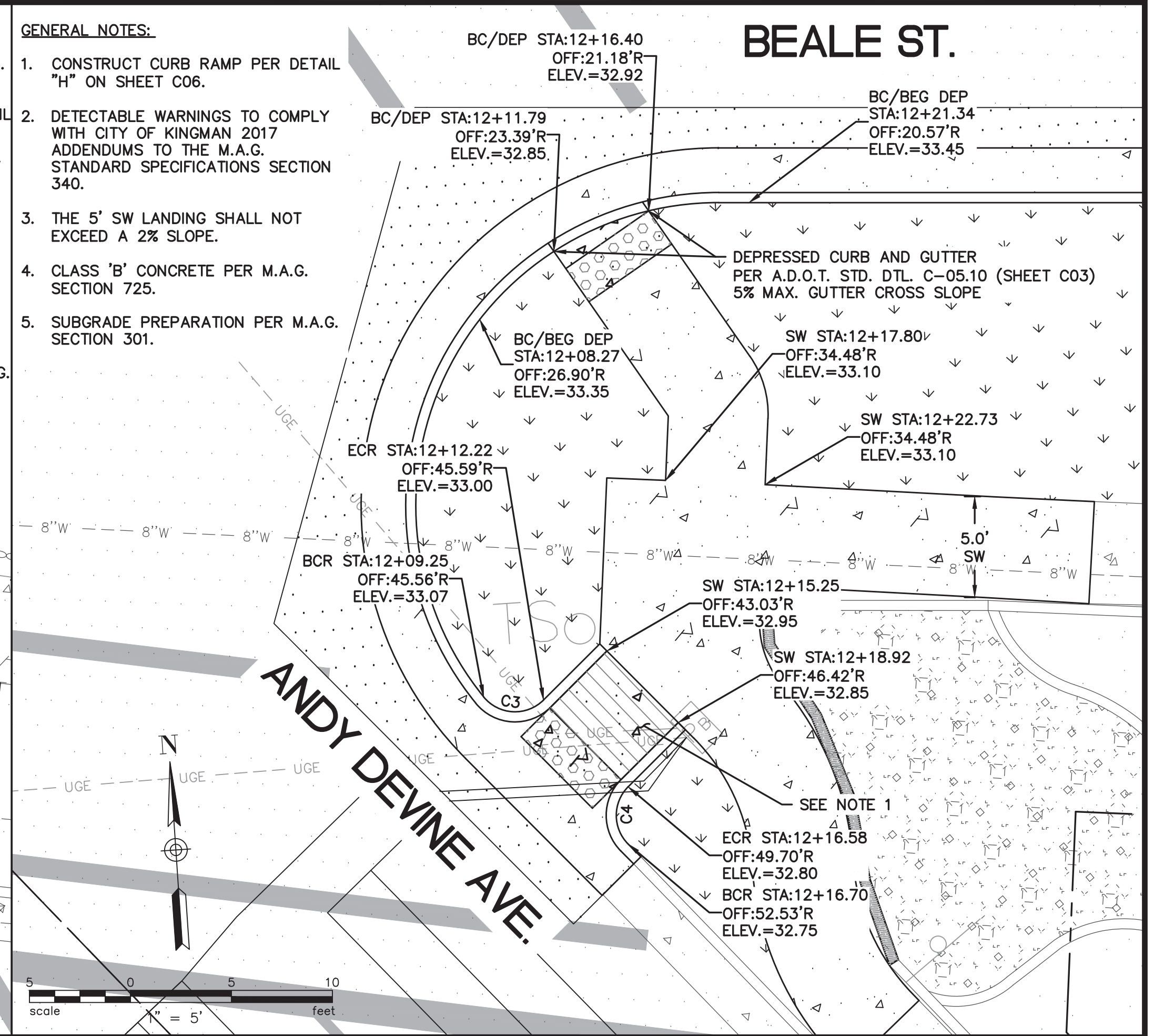
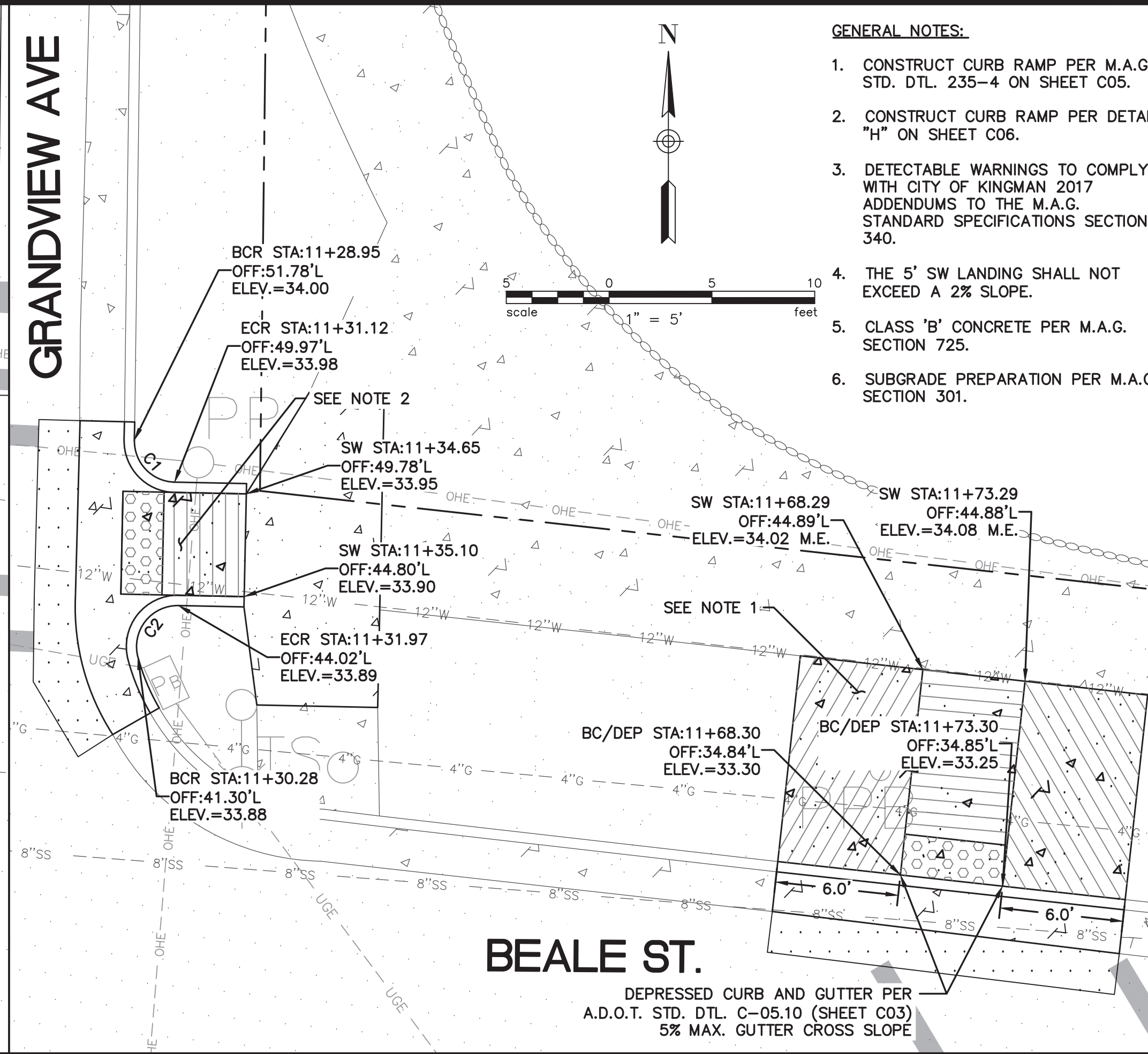
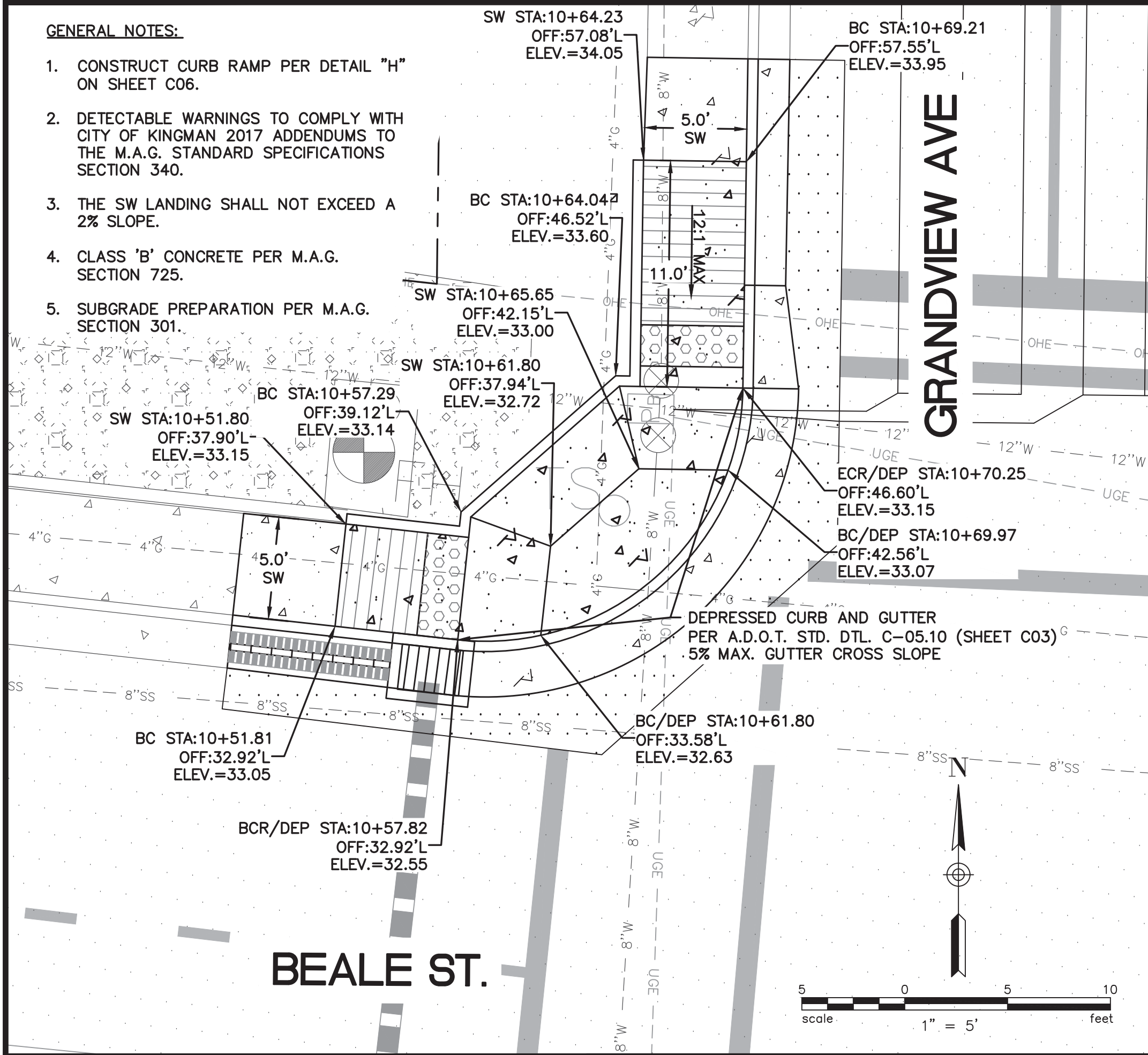
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FILENAME	180082DS05.dwg
SHEET NO.	C07
	7 OF 21



D						ASBUILT INFORMATION	REFERENCE DRAWINGS	CITY OF KINGMAN ENGINEERING DEPARTMENT 310 NORTH 4TH STREET KINGMAN, ARIZONA 86401 PHONE (928) 753-8122 FAX (928) 753-8118	DESIGNED BY ERIC SPARKMAN		ADA IMPROVEMENTS	C.O.K. PROJECT NO. ENG-18-0082
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B					INSPECTED BY	83-W-0013	CHECKED BY GREG HENRY		Detailed description of Andy Devine Avenue		SHEET NO. C08	
A					REVISOR	70-W-0004	DATE DRAWN 9/3/19		DETAIL SHEET 6		8 OF 21	
					CHECKED BY	00-ST-0049	HORIZ. SCALE NONE					



D	ASBUILT INFORMATION		REFERENCE DRAWINGS		DESIGNED BY ERIC SPARKMAN	DRAWN BY ALEX LOZANO	CHECKED BY GREG HENRY	DATE DRAWN 9/3/19	HORIZ. SCALE NONE	VERT. SCALE NONE		ADA IMPROVEMENTS ANDY DEVINE AVENUE DETAIL SHEET 7	C.O.K. PROJECT NO. ENG-18-0082 FILENAME 180082DS07.dwg SHEET NO. C09 9 OF 21
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B	INSPECTED BY	83-W-0013	83-W-0013										
A	REVISION DESCRIPTION	70-W-0004	70-W-0004										
	BY	CHECKED BY	00-ST-0049										
	DATE	ADEQ FILE NUMBER	97-ST-0021										
	APP.	DATE OF ADEQ APPROVAL											
		CITY CONTRACT NUMBER											
		CONTRACTOR											



NOTE: STATIONS AND OFFSETS LISTED ON THIS SHEET REFERENCE BEALE STREET CONSTRUCTION.

*Curve Table

Curve #	Length	Radius	Delta
C1	3.14	2.00	90.00
C2	3.71	2.00	106.18
C3	3.34	2.00	95.83
C4	3.14	2.00	90.00

*CURVE DATA IS TOP/BACK OF CURB UNLESS OTHERWISE NOTED.

D	C	B	A

ASBUILT INFORMATION		REFERENCE DRAWINGS	
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INSPECTED BY		83-W-0013	
REVISED BY		70-W-0004	
CHECKED BY		00-ST-0049	
ADEQ FILE NUMBER		97-ST-0021	
DATE OF ADEQ APPROVAL			
CITY CONTRACT NUMBER			
CONTRACTOR			

CITY OF KINGMAN	
ENGINEERING DEPARTMENT	
310 NORTH 4TH STREET	
KINGMAN, ARIZONA 86401	
PHONE (928) 753-8122 FAX (928) 753-8118	

DESIGNED BY	ERIC SPARKMAN
DRAWN BY	ALEX LOZANO
CHECKED BY	GREG HENRY
DATE DRAWN	9/11/19
HORIZ. SCALE	AS SHOWN
VERT. SCALE	NONE

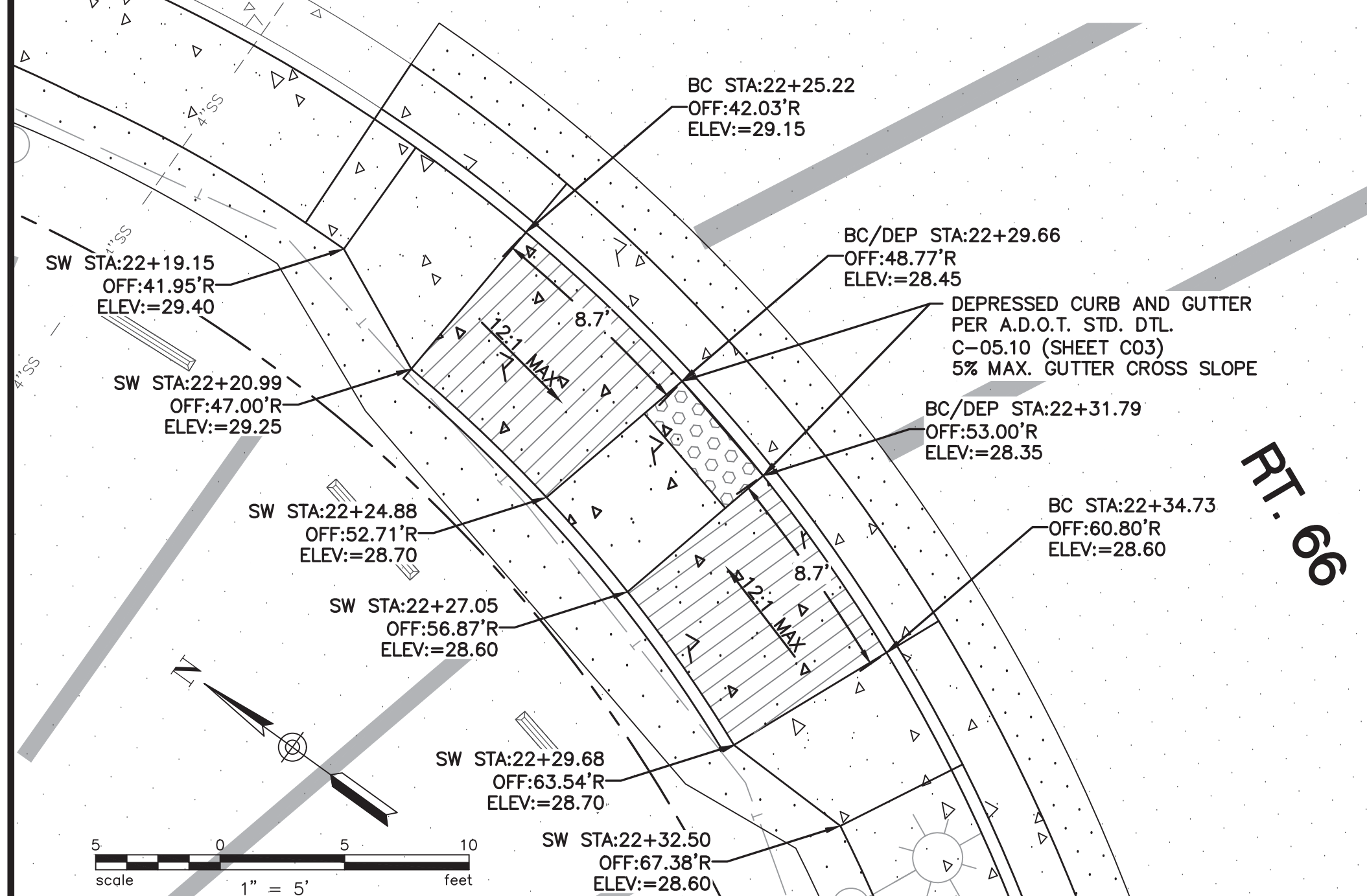
ADA IMPROVEMENTS
ANDY DEVINE AVENUE
DETAIL SHEET 8

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FILENAME	180082DS08.dwg
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ANDY DEVINE AVE.

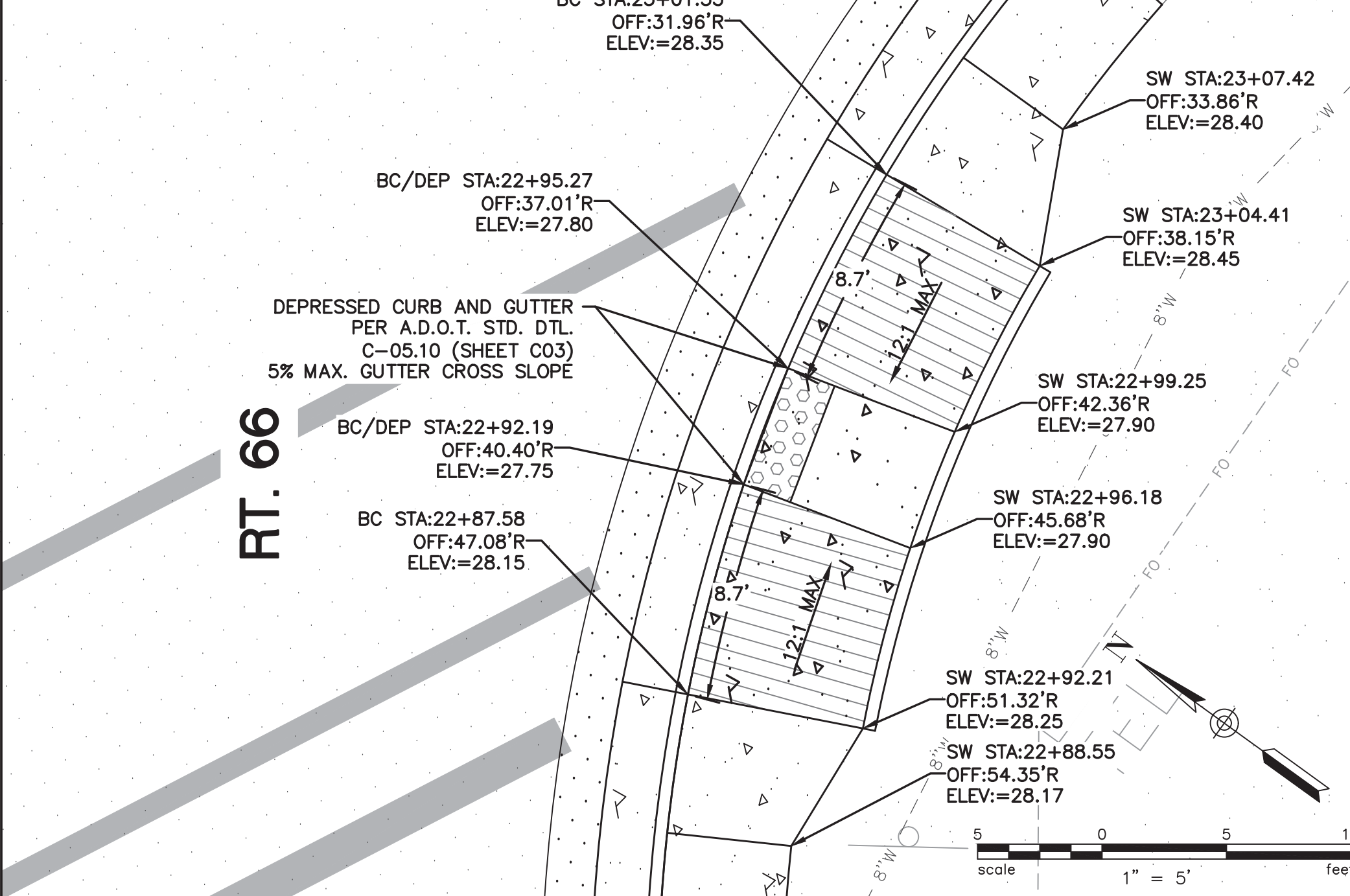
GENERAL NOTES:

1. CONSTRUCT CURB RAMP PER M.A.G. STD. DTL. 235-2 ON SHEET C05. MODIFIED AS SHOWN.
2. DETECTABLE WARNINGS TO COMPLY WITH CITY OF KINGMAN 2017 ADDENDUMS TO THE M.A.G. STANDARD SPECIFICATIONS SECTION 340.
3. THE 5' SW LANDING SHALL NOT EXCEED A 2% SLOPE.

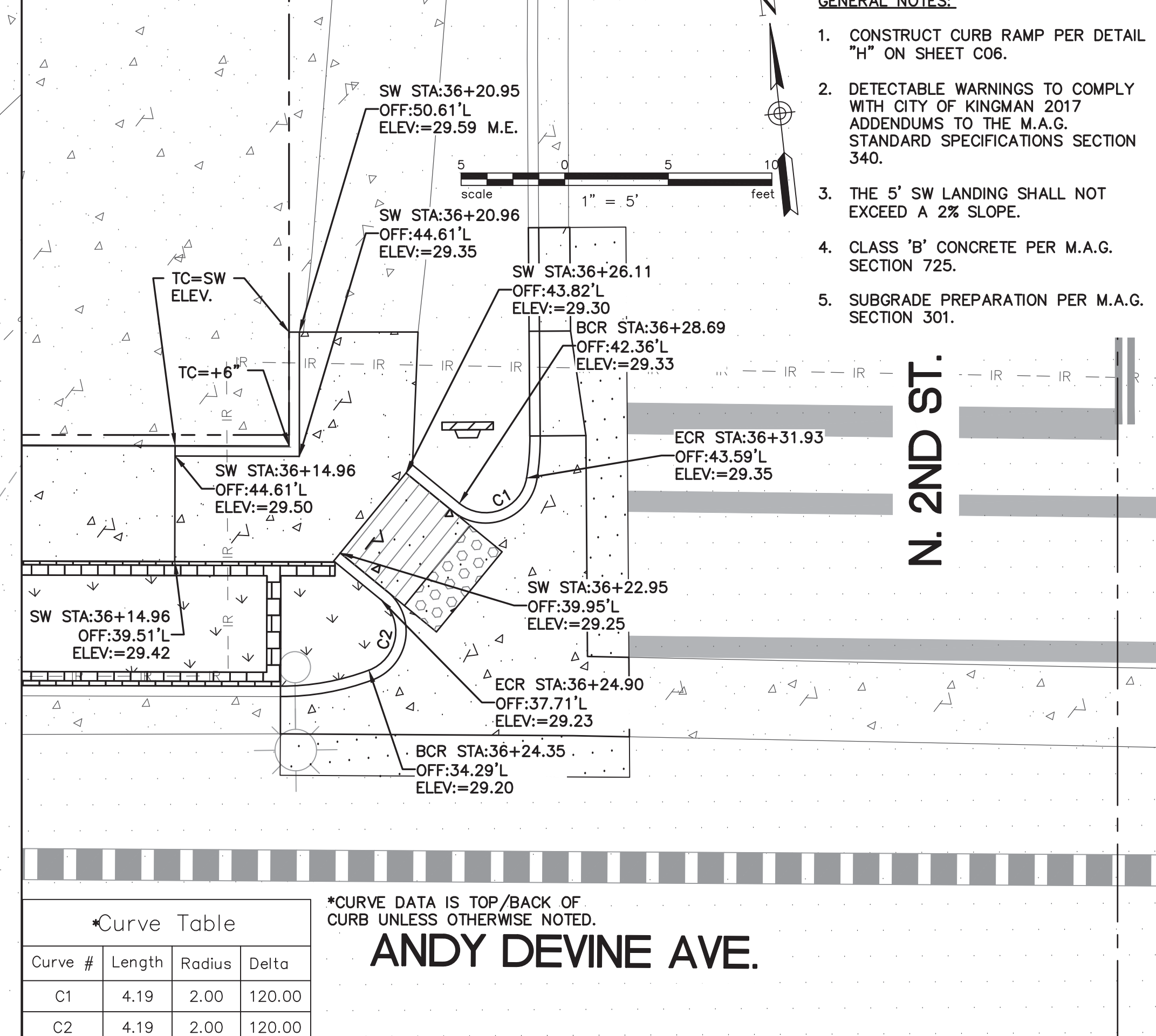


GENERAL NOTES:

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2. DETECTABLE WARNINGS TO COMPLY WITH CITY OF KINGMAN 2017 ADDENDUMS TO THE M.A.G. STANDARD SPECIFICATIONS SECTION 340.
3. THE 5' SW LANDING SHALL NOT EXCEED A 2% SLOPE.



ANDY DEVINE AVE.



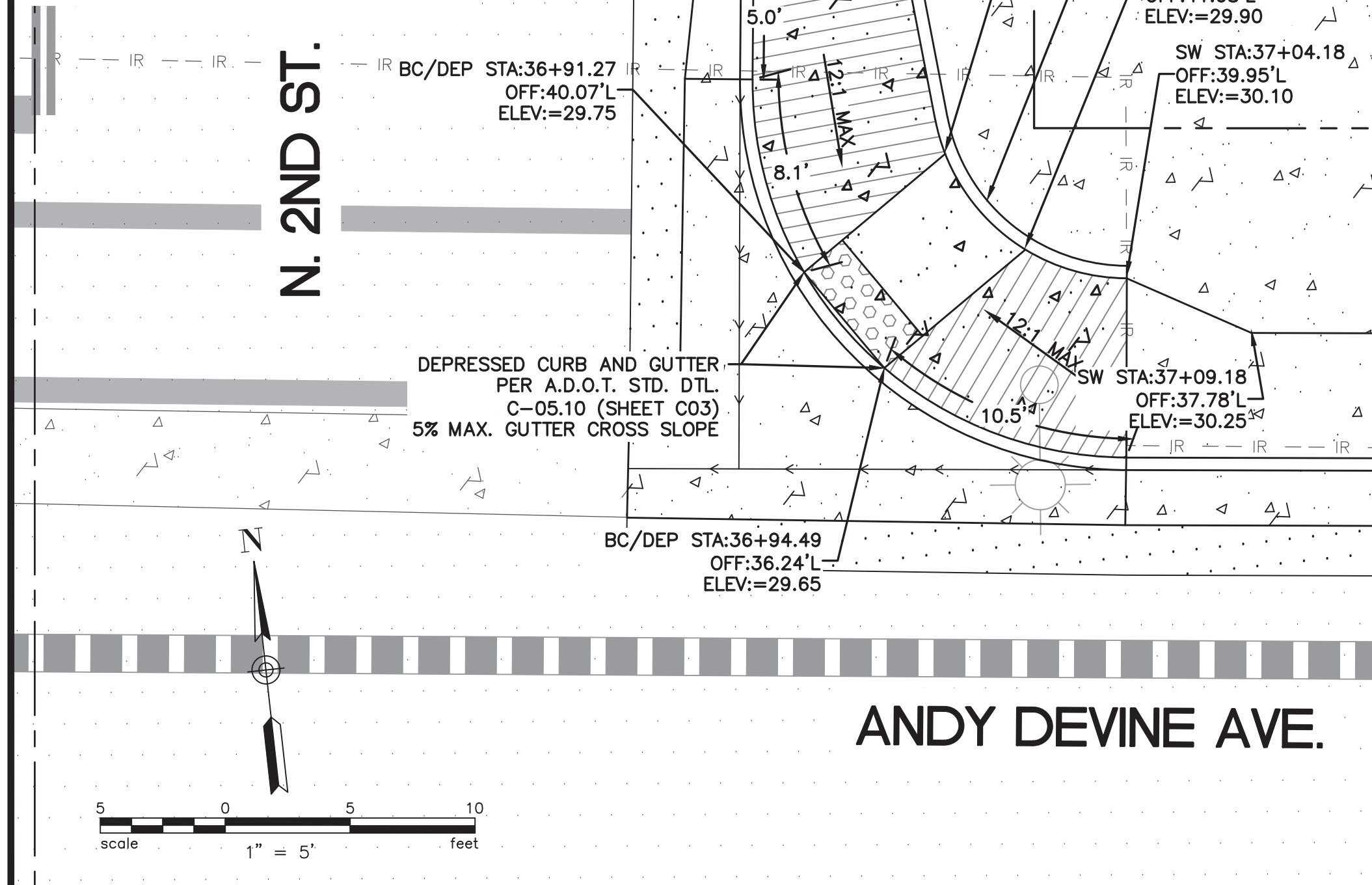
- GENERAL NOTES:**
1. CONSTRUCT CURB RAMP PER DETAIL "H" ON SHEET C06.
 2. DETECTABLE WARNINGS TO COMPLY WITH CITY OF KINGMAN 2017 ADDENDUMS TO THE M.A.G. STANDARD SPECIFICATIONS SECTION 340.
 3. THE 5' SW LANDING SHALL NOT EXCEED A 2% SLOPE.
 4. CLASS 'B' CONCRETE PER M.A.G. SECTION 725.
 5. SUBGRADE PREPARATION PER M.A.G. SECTION 301.

***Curve Table**

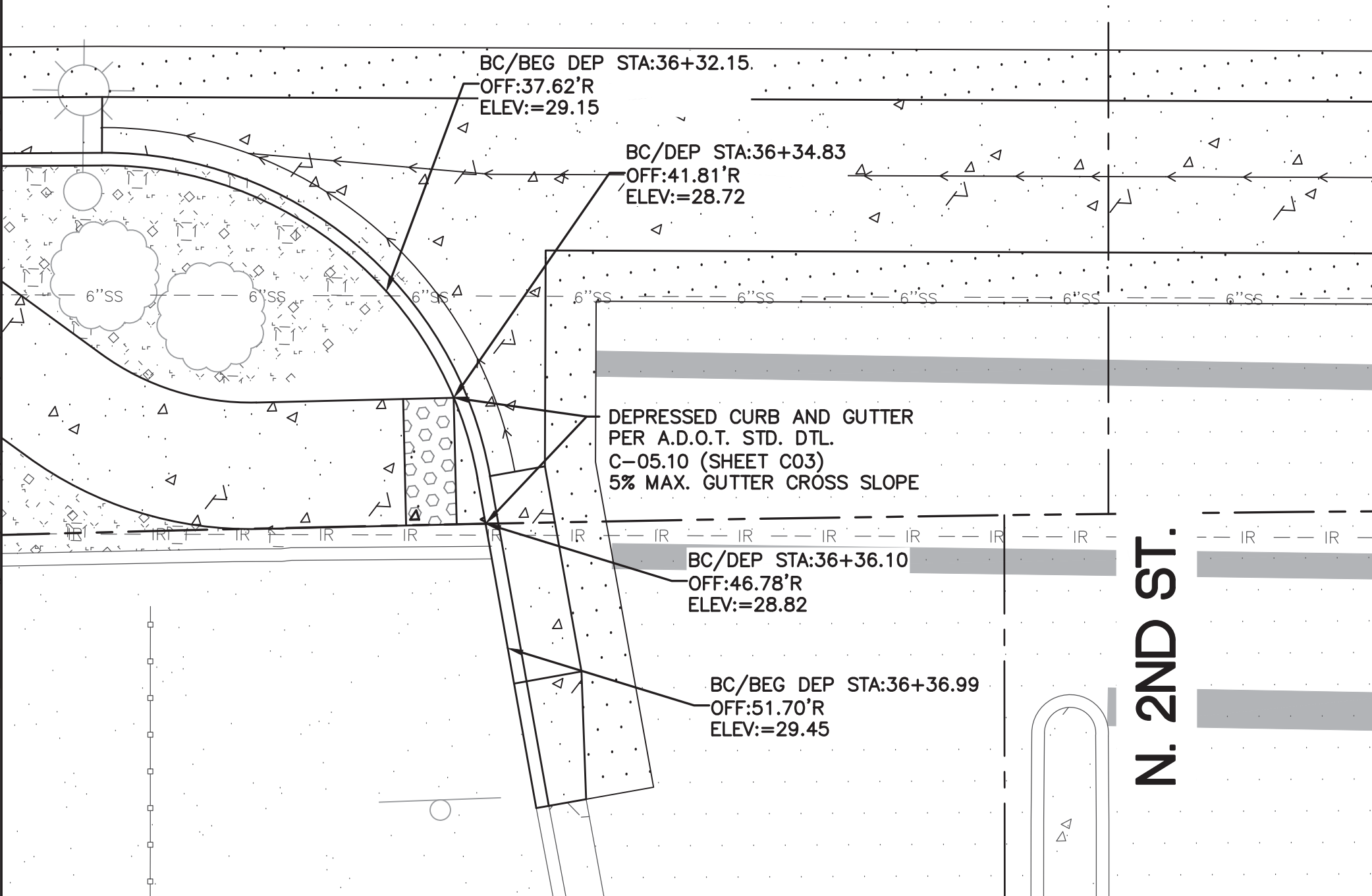
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*CURVE DATA IS TOP/BACK OF CURB UNLESS OTHERWISE NOTED.
ANDY DEVINE AVE.

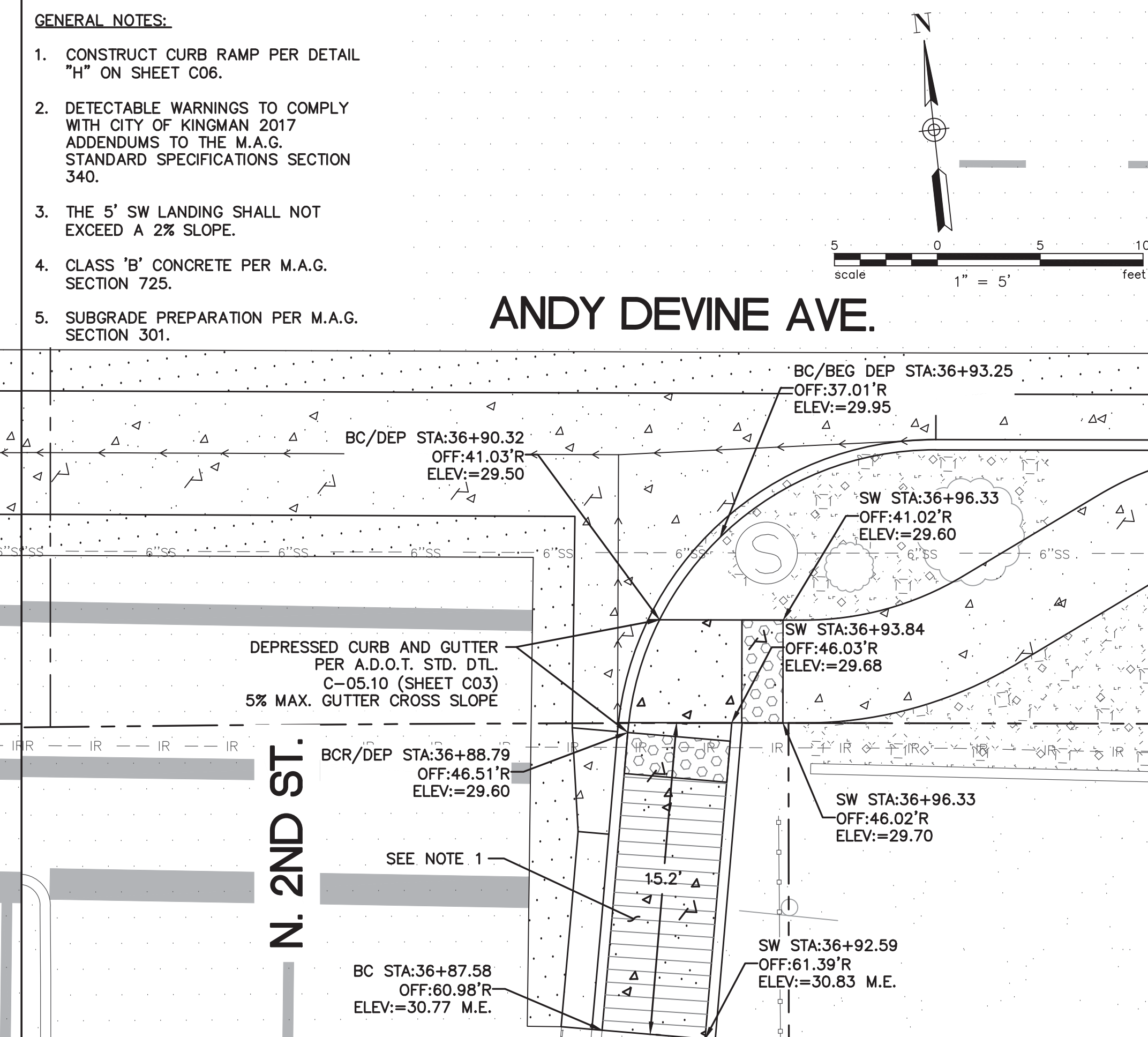
- GENERAL NOTES:**
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 2. DETECTABLE WARNINGS TO COMPLY WITH CITY OF KINGMAN 2017 ADDENDUMS TO THE M.A.G. STANDARD SPECIFICATIONS SECTION 340.
 3. THE 5' SW LANDING SHALL NOT EXCEED A 2% SLOPE.
 4. NEW CONCRETE BEHIND CURB RAMP SHALL BE PLACED AT THE TOP BACK OF CURB ELEVATION TO REDUCE SLOPE.



- GENERAL NOTES:**
1. DETECTABLE WARNINGS TO COMPLY WITH CITY OF KINGMAN 2017 ADDENDUMS TO THE M.A.G. STANDARD SPECIFICATIONS SECTION 340.
 2. THE 5' SW LANDING SHALL NOT EXCEED A 2% SLOPE.
 3. CLASS 'B' CONCRETE PER M.A.G. SECTION 725.
 4. SUBGRADE PREPARATION PER M.A.G. SECTION 301.



- GENERAL NOTES:**
1. DETECTABLE WARNINGS TO COMPLY WITH CITY OF KINGMAN 2017 ADDENDUMS TO THE M.A.G. STANDARD SPECIFICATIONS SECTION 340.
 2. THE 5' SW LANDING SHALL NOT EXCEED A 2% SLOPE.
 3. CLASS 'B' CONCRETE PER M.A.G. SECTION 725.
 4. SUBGRADE PREPARATION PER M.A.G. SECTION 301.



- GENERAL NOTES:**
1. CONSTRUCT CURB RAMP PER DETAIL "H" ON SHEET C06.
 2. DETECTABLE WARNINGS TO COMPLY WITH CITY OF KINGMAN 2017 ADDENDUMS TO THE M.A.G. STANDARD SPECIFICATIONS SECTION 340.
 3. THE 5' SW LANDING SHALL NOT EXCEED A 2% SLOPE.
 4. CLASS 'B' CONCRETE PER M.A.G. SECTION 725.
 5. SUBGRADE PREPARATION PER M.A.G. SECTION 301.

D	REVISION DESCRIPTION	BY	DATE	APP.

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DATE OF ACCEPTANCE	03-W-0029
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ADEQ FILE NUMBER	97-ST-0021
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CONTRACTOR	

REFERENCE DRAWINGS	

CITY OF KINGMAN
ENGINEERING DEPARTMENT

310 NORTH 4TH STREET
KINGMAN, ARIZONA 86401
PHONE (928) 753-8122 FAX (928) 753-8118

DESIGNED BY	ERIC SPARKMAN
DRAWN BY	ALEX LOZANO
CHECKED BY	GREG HENRY
DATE DRAWN	9/9/19
HORIZ. SCALE	AS SHOWN
VERT. SCALE	NONE



ADA IMPROVEMENTS

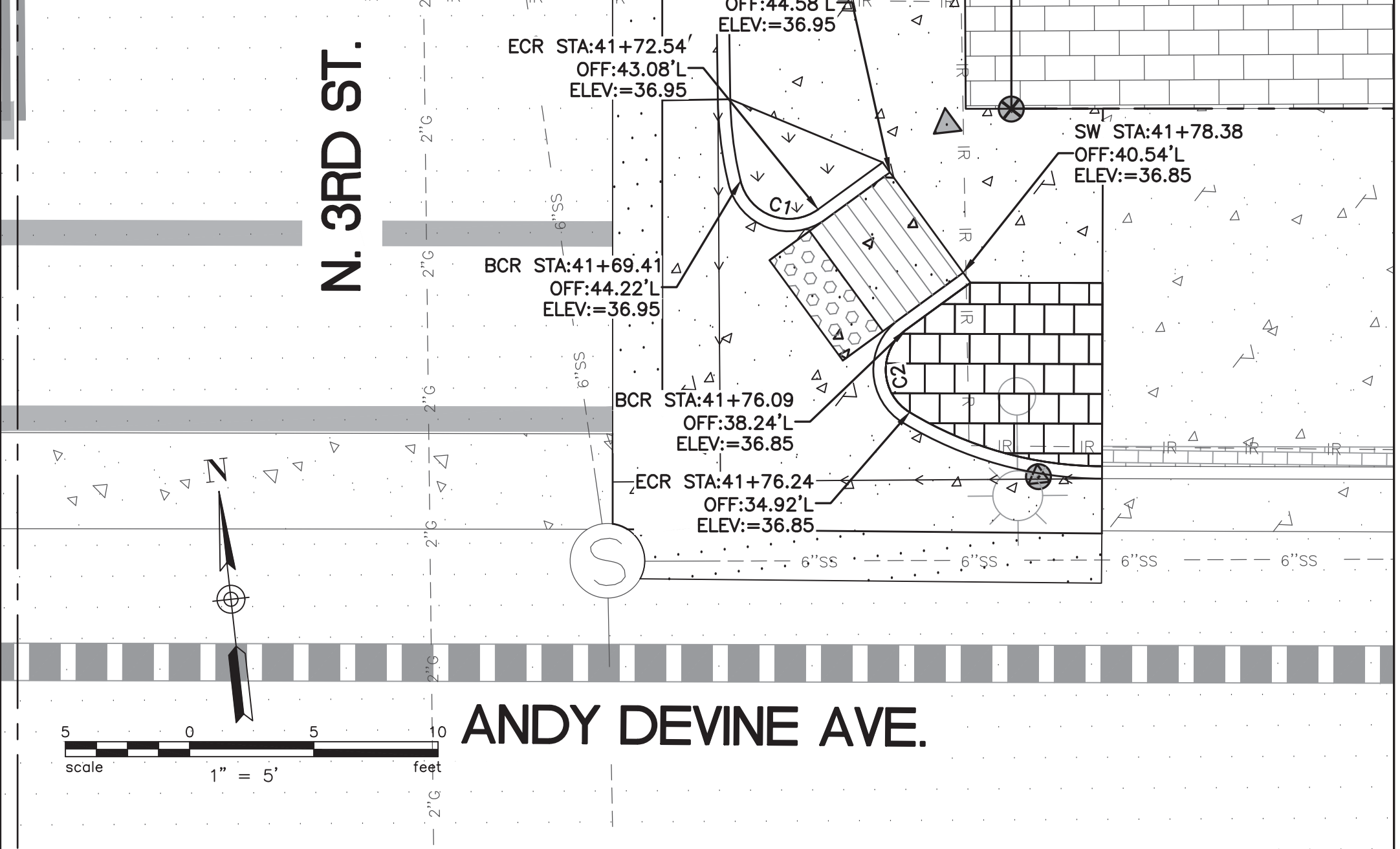
ANDY DEVINE AVENUE

DETAIL SHEET 9

C.O.K. PROJECT NO.	ENG-18-0082
FILENAME	180082DS09.dwg
SHEET NO.	C11
	11 OF 21

GENERAL NOTES:

1. CONSTRUCT CURB RAMP PER DETAIL "H" ON SHEET C06.
2. DETECTABLE WARNINGS TO COMPLY WITH CITY OF KINGMAN 2017 ADDENDUMS TO THE M.A.G. STANDARD SPECIFICATIONS SECTION 340.
3. THE 5' SW LANDING SHALL NOT EXCEED A 2% SLOPE.
4. CLASS 'B' CONCRETE PER M.A.G. SECTION 725.
5. SUBGRADE PREPARATION PER M.A.G. SECTION 301.



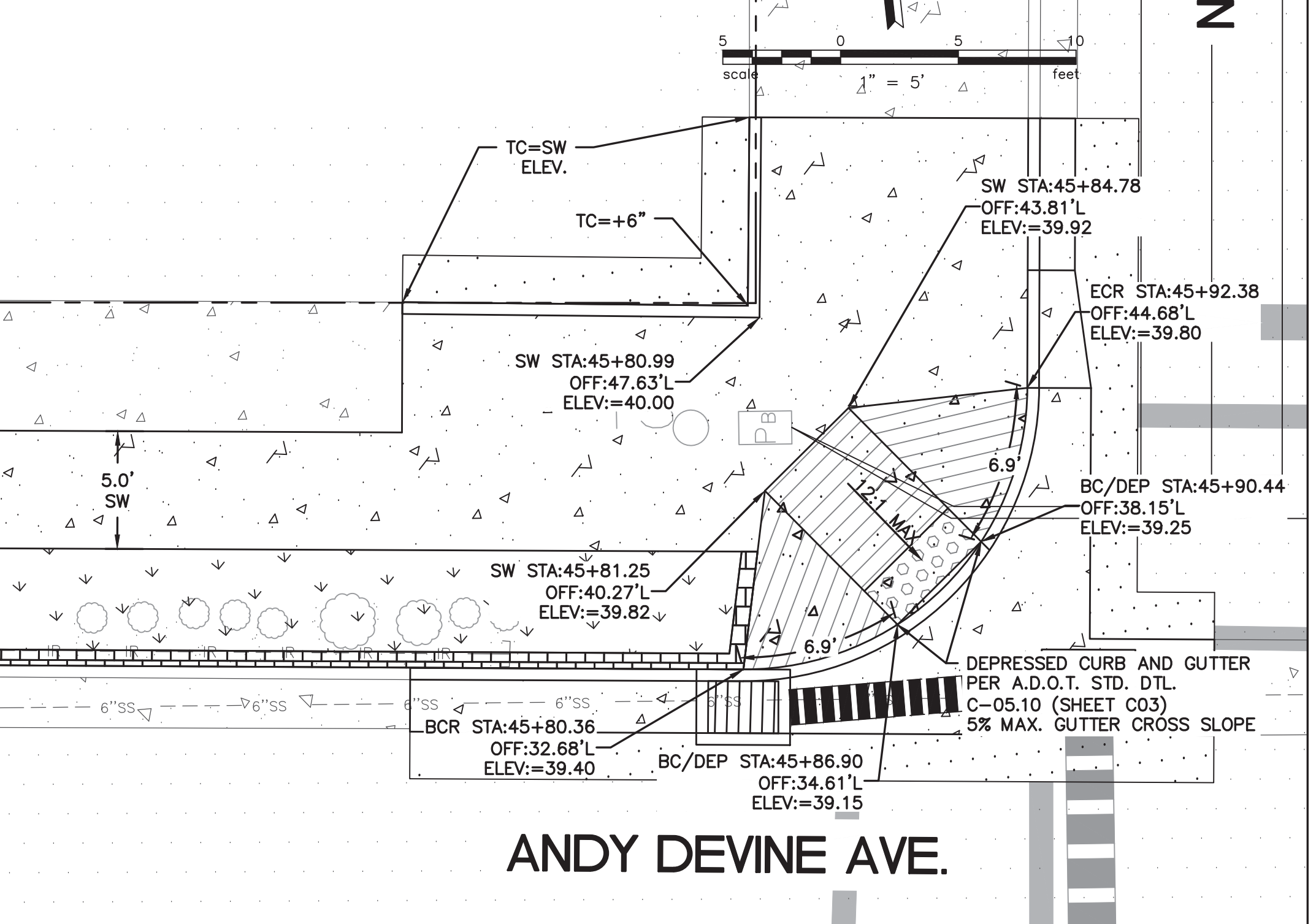
***Curve Table**

Curve #	Length	Radius	Delta
C1	3.93	2.00	112.62
C2	3.93	2.00	112.62

*CURVE DATA IS TOP/BACK OF CURB UNLESS OTHERWISE NOTED.

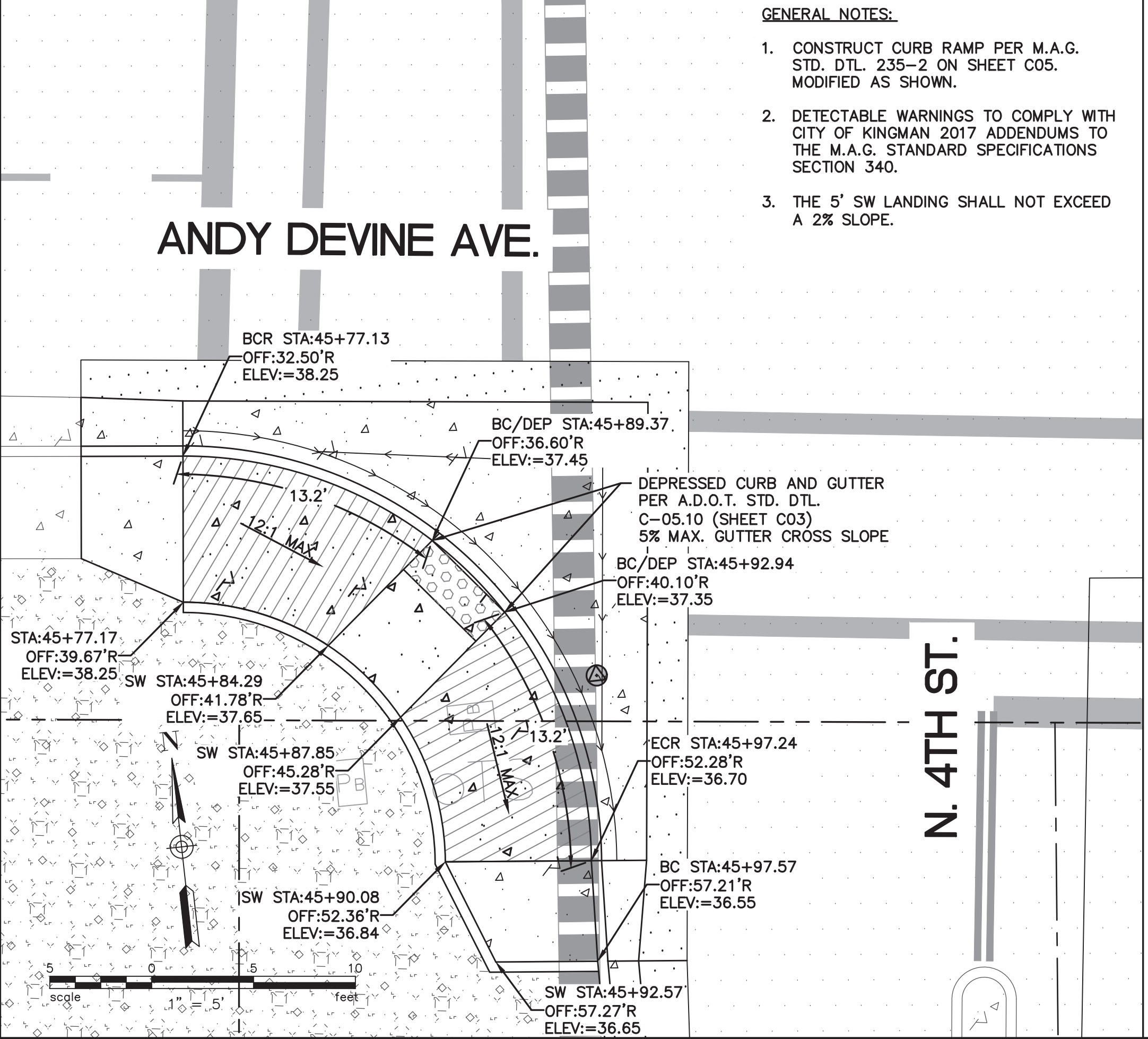
GENERAL NOTES:

1. CONSTRUCT CURB RAMP PER M.A.G. STD. DTL. 235-1 ON SHEET C05. MODIFIED AS SHOWN.
2. DETECTABLE WARNINGS TO COMPLY WITH CITY OF KINGMAN 2017 ADDENDUMS TO THE M.A.G. STANDARD SPECIFICATIONS SECTION 340.
3. THE 5' SW LANDING SHALL NOT EXCEED A 2% SLOPE.



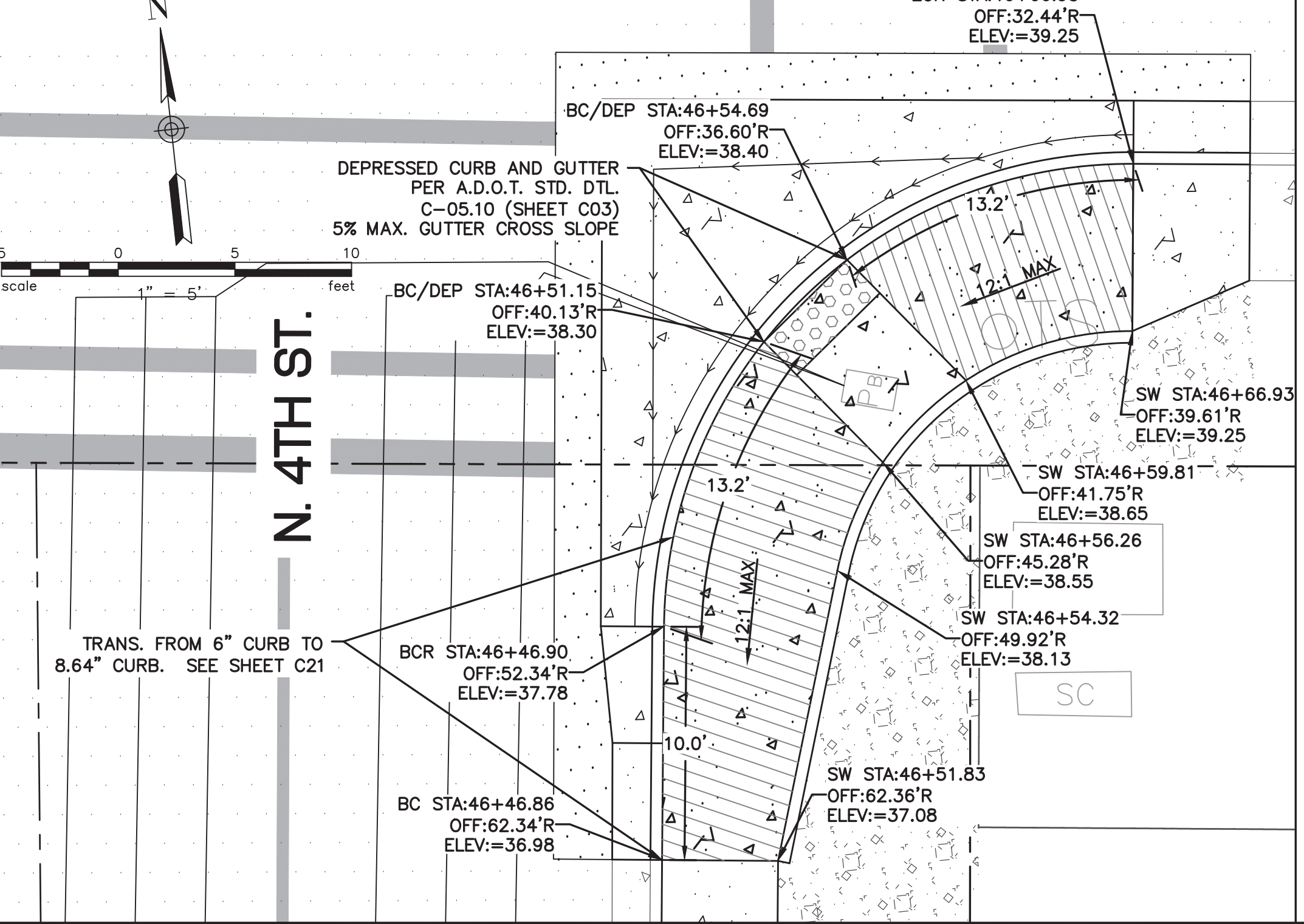
GENERAL NOTES:

1. CONSTRUCT CURB RAMP PER M.A.G. STD. DTL. 235-2 ON SHEET C05. MODIFIED AS SHOWN.
2. DETECTABLE WARNINGS TO COMPLY WITH CITY OF KINGMAN 2017 ADDENDUMS TO THE M.A.G. STANDARD SPECIFICATIONS SECTION 340.
3. THE 5' SW LANDING SHALL NOT EXCEED A 2% SLOPE.



GENERAL NOTES:

1. CONSTRUCT CURB RAMP PER M.A.G. STD. DTL. 235-2 ON SHEET C05. MODIFIED AS SHOWN.
2. DETECTABLE WARNINGS TO COMPLY WITH CITY OF KINGMAN 2017 ADDENDUMS TO THE M.A.G. STANDARD SPECIFICATIONS SECTION 340.
3. THE 5' SW LANDING SHALL NOT EXCEED A 2% SLOPE.



D	C	B	A

ASBUILT INFORMATION			
DATE OF ACCEPTANCE			
INSPECTED BY			
REVISED BY			
CHECKED BY			
ADEQ FILE NUMBER			
DATE OF ADEQ APPROVAL			
CITY CONTRACT NUMBER			
CONTRACTOR			

REFERENCE DRAWINGS	
03-W-0029	
83-W-0013	
70-W-0004	
00-ST-0049	
97-ST-0021	

CITY OF KINGMAN
ENGINEERING DEPARTMENT
 310 NORTH 4TH STREET
 KINGMAN, ARIZONA 86401
 PHONE (928) 753-8122 FAX (928) 753-8118

DESIGNED BY	ERIC SPARKMAN
DRAWN BY	ALEX LOZANO
CHECKED BY	GREG HENRY
DATE DRAWN	8/5/19
HORIZ. SCALE	AS SHOWN
VERT. SCALE	NONE



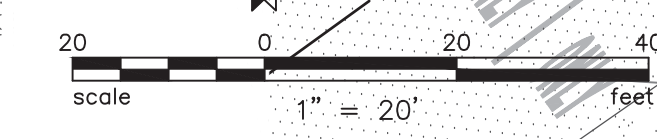
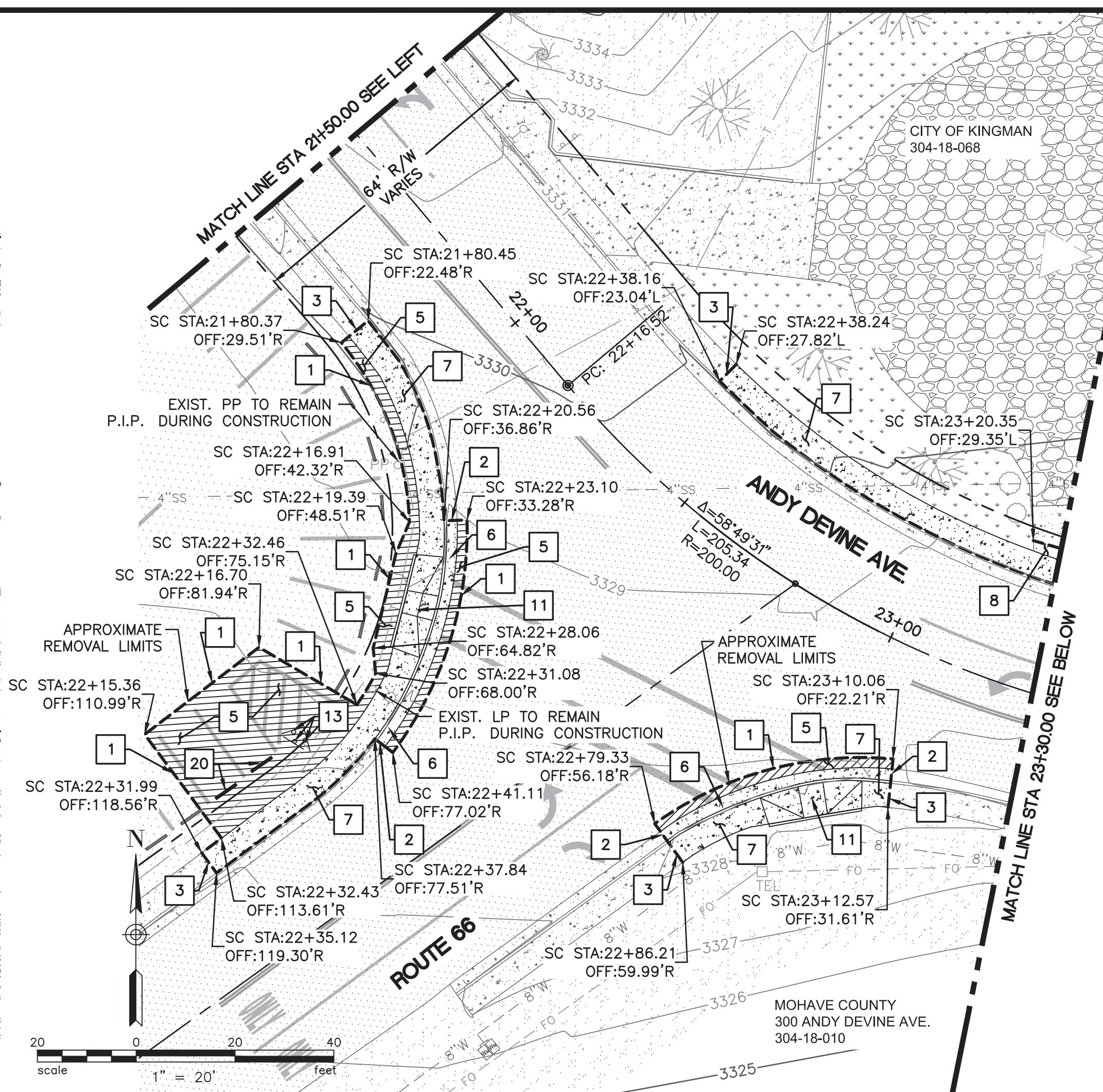
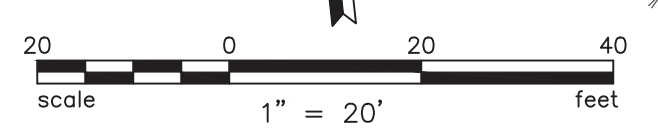
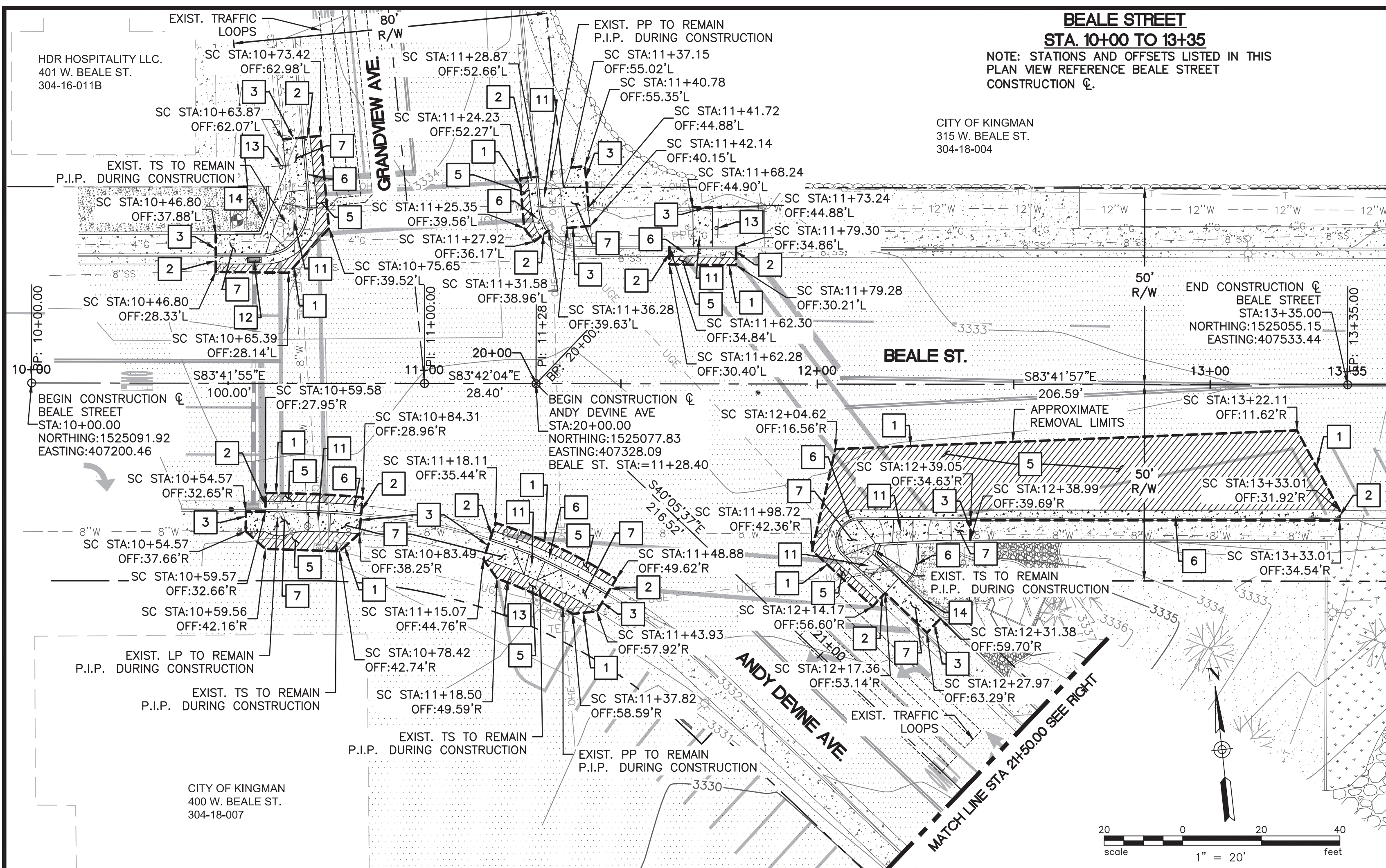
ADA IMPROVEMENTS
ANDY DEVINE AVENUE
 DETAIL SHEET 10

C.O.K. PROJECT NO. ENG-18-0082
FILENAME 180082DS10.dwg
SHEET NO. C12
12 OF 21

**BEALE STREET
STA. 10+00 TO 13+35**

NOTE: STATIONS AND OFFSETS LISTED IN THIS PLAN VIEW REFERENCE BEALE STREET CONSTRUCTION C.

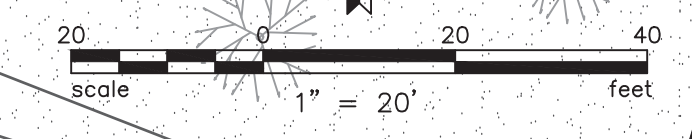
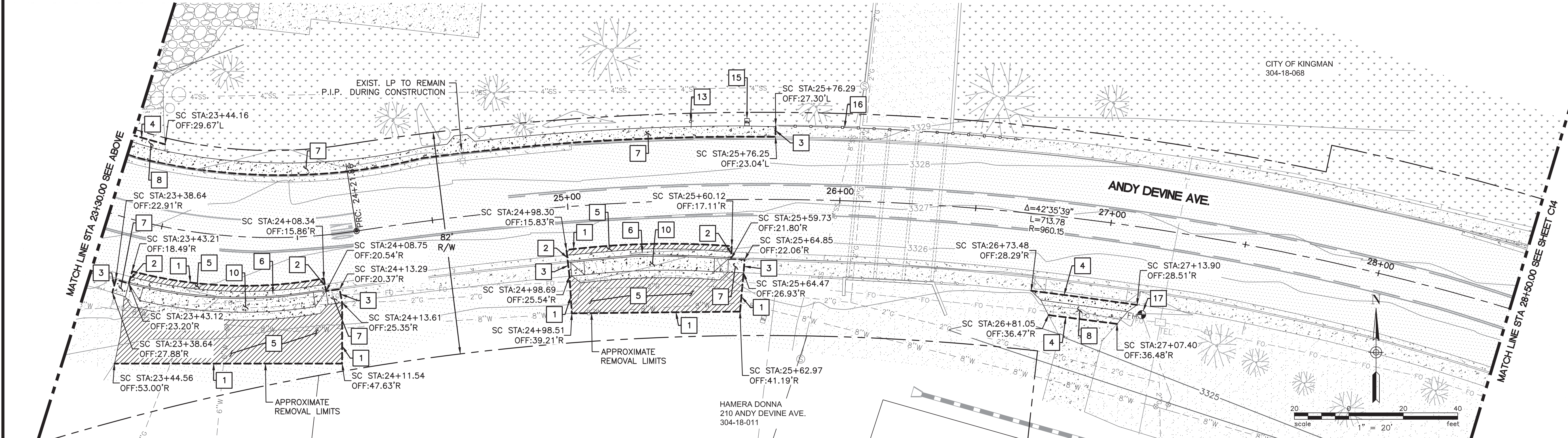
CITY OF KINGMAN
315 W. BEALE ST.
304-18-004



DEMOLITION NOTES

- 1 SAWCUT EXISTING A.C. PAVEMENT.
- 2 SAWCUT EXISTING CONCRETE CURB/CURB & GUTTER/VALLEY GUTTER.
- 3 SAWCUT EXISTING CONCRETE SIDEWALK.
- 4 SAWCUT EXISTING CONCRETE PAVEMENT/SLAB/DRIVEWAY.
- 5 REMOVE EXISTING A.C. PAVEMENT.
- 6 REMOVE EXISTING CONCRETE CURB/CURB & GUTTER.
- 7 REMOVE EXISTING CONCRETE SIDEWALK.
- 8 REMOVE EXISTING CONCRETE PAVEMENT/SLAB.
- 10 REMOVE EXISTING CONCRETE DRIVEWAY.
- 11 REMOVE EXISTING CONCRETE RAMP.
- 12 REMOVE EXISTING CATCH BASIN.
- 13 REMOVE AND SALVAGE EXISTING TRAFFIC CONTROL SIGN AND REMOVE SIGN POST AND BASE.
- 14 REMOVE AND SALVAGE EXISTING RAILROAD TIES.
- 15 REMOVE EXISTING WATER METER BOX AND ABANDON EXISTING VALVE. BACKFILL VOID WITH AGGREGATE BASE.
- 16 REMOVE AND SALVAGE EXISTING SAFETY RAIL AND ANCHOR PLATES.
- 17 REMOVE AND SALVAGE EXISTING FIRE HYDRANT.
- 20 REMOVE EXISTING PRECAST SAFETY CURB.

- NOTES:
1. ALL EXISTING TRAFFIC SIGNALS, LIGHT POLES AND UTILITY POLES TO REMAIN. PROTECT IN PLACE DURING CONSTRUCTION.
 2. EXISTING TREES/SHRUBS TO REMAIN (UNLESS OTHERWISE NOTED). PROTECT IN PLACE DURING CONSTRUCTION.
 3. EXISTING IRRIGATION BOXES, VALVES AND PVC LINES TO BE RELOCATED WITHIN THE REMOVAL LIMITS AS REQUIRED.



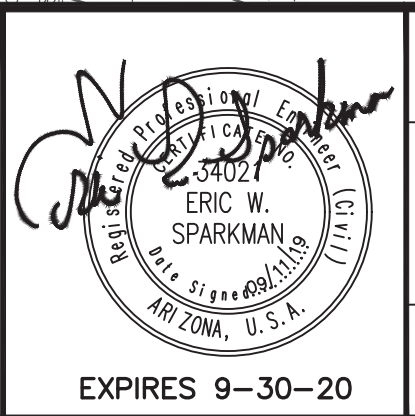
REVISION DESCRIPTION	BY	DATE	APP.
D			
C			
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A			

ASBUILT INFORMATION	
DATE OF ACCEPTANCE	03-W-0029
INSPECTED BY	83-W-0013
REVISED BY	70-W-0004
CHECKED BY	00-ST-0049
ADEQ FILE NUMBER	97-ST-0021
DATE OF ADEQ APPROVAL	
CITY CONTRACT NUMBER	
CONTRACTOR	

REFERENCE DRAWINGS	
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83-W-0013	
70-W-0004	
00-ST-0049	
97-ST-0021	

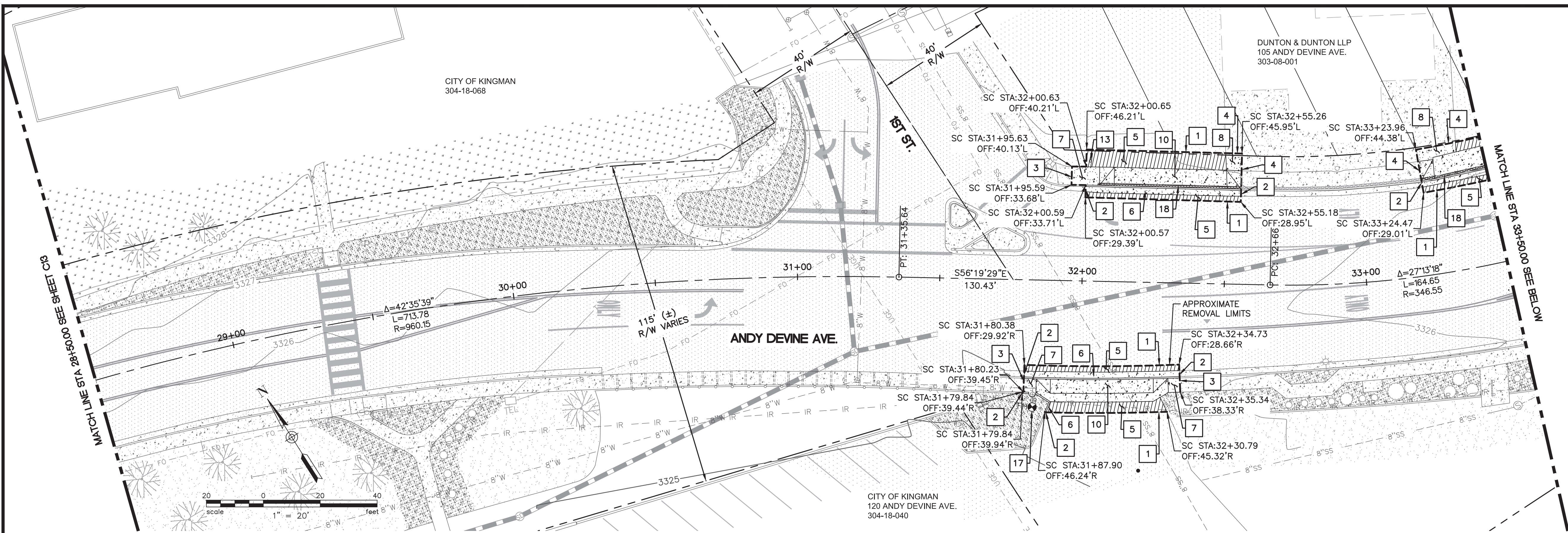
CITY OF KINGMAN
ENGINEERING DEPARTMENT
310 NORTH 4TH STREET
KINGMAN, ARIZONA 86401
PHONE (928) 753-8122 FAX (928) 753-8118

DESIGNED BY	ERIC SPARKMAN
DRAWN BY	ALEX LOZANO
CHECKED BY	GREG HENRY
DATE DRAWN	8/28/19
HORIZ. SCALE	1" = 20'
VERT. SCALE	NONE

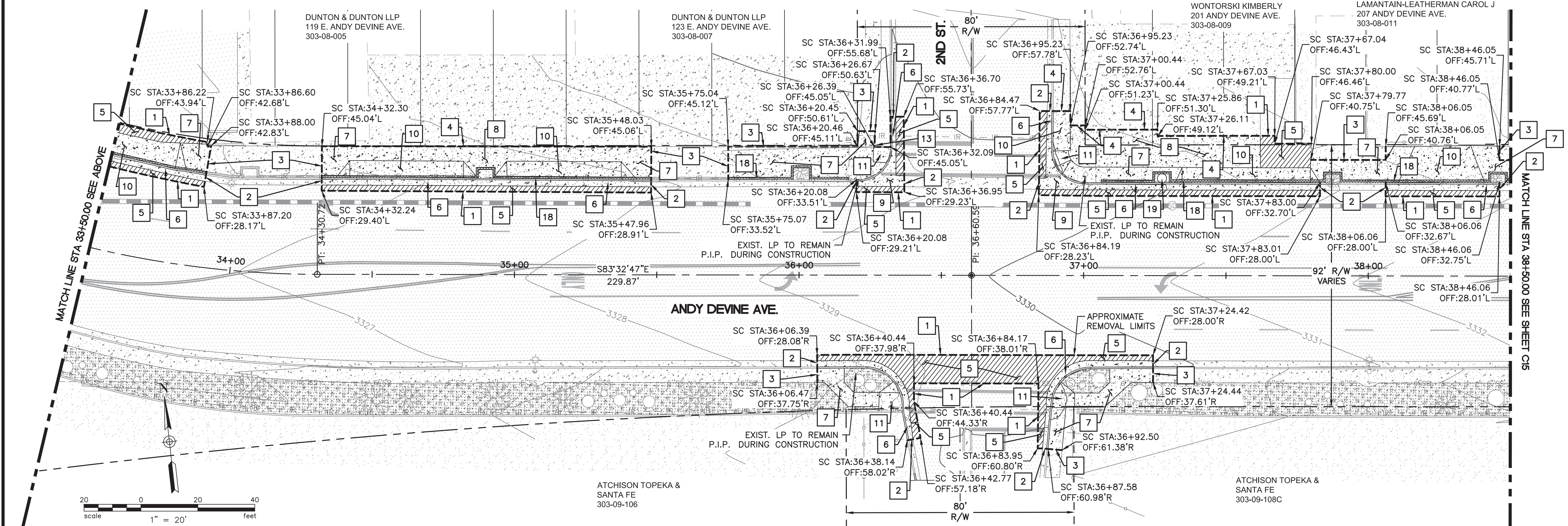


ADA IMPROVEMENTS
ANDY DEVINE AVENUE
DEMOLITION PLAN STA 20+00 TO 28+50

C.O.K. PROJECT NO. ENG-18-0082
FILENAME 180082DM01.dwg
SHEET NO. C13
13 OF 21



- ### DEMOLITION NOTES
- 1 SAWCUT EXISTING A.C. PAVEMENT.
 - 2 SAWCUT EXISTING CONCRETE CURB/CURB & GUTTER/VALLEY GUTTER.
 - 3 SAWCUT EXISTING CONCRETE SIDEWALK.
 - 4 SAWCUT EXISTING CONCRETE PAVEMENT/SLAB/DRIVEWAY.
 - 5 REMOVE EXISTING A.C. PAVEMENT.
 - 6 REMOVE EXISTING CONCRETE CURB/CURB & GUTTER.
 - 7 REMOVE EXISTING CONCRETE SIDEWALK.
 - 8 REMOVE EXISTING CONCRETE PAVEMENT/SLAB.
 - 9 REMOVE EXISTING CONCRETE VALLEY GUTTER/APRON.
 - 10 REMOVE EXISTING CONCRETE DRIVEWAY.
 - 11 REMOVE EXISTING CONCRETE RAMP.
 - 13 REMOVE AND SALVAGE EXISTING TRAFFIC CONTROL SIGN AND REMOVE SIGN POST AND BASE.
 - 17 REMOVE AND SALVAGE EXISTING FIRE HYDRANT.
 - 18 REMOVE AND SALVAGE EXISTING BRICK PAVERS.
 - 19 REMOVE EXISTING TREE/SHRUB.



- NOTES:
1. ALL EXISTING TRAFFIC SIGNALS, LIGHT POLES AND UTILITY POLES TO REMAIN. PROTECT IN PLACE DURING CONSTRUCTION.
 2. EXISTING TREES/SHRUBS TO REMAIN (UNLESS OTHERWISE NOTED). PROTECT IN PLACE DURING CONSTRUCTION.
 3. EXISTING IRRIGATION BOXES, VALVES AND PVC LINES TO BE RELOCATED WITHIN THE REMOVAL LIMITS AS REQUIRED.

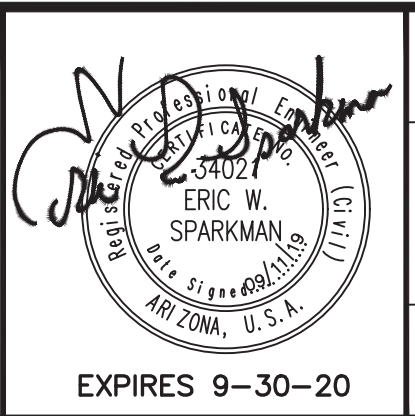
REVISION DESCRIPTION	BY	DATE	APP.
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ASBUILT INFORMATION	
DATE OF ACCEPTANCE	03-W-0029
INSPECTED BY	83-W-0013
REVISED BY	70-W-0004
CHECKED BY	00-ST-0049
ADEQ FILE NUMBER	97-ST-0021
DATE OF ADEQ APPROVAL	
CITY CONTRACT NUMBER	
CONTRACTOR	

REFERENCE DRAWINGS	
03-W-0029	
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00-ST-0049	
97-ST-0021	

CITY OF KINGMAN
ENGINEERING DEPARTMENT
 310 NORTH 4TH STREET
 KINGMAN, ARIZONA 86401
 PHONE (928) 753-8122 FAX (928) 753-8118

DESIGNED BY	ERIC SPARKMAN
DRAWN BY	ALEX LOZANO
CHECKED BY	GREG HENRY
DATE DRAWN	9/11/19
HORIZ. SCALE	1" = 20'
VERT. SCALE	NONE



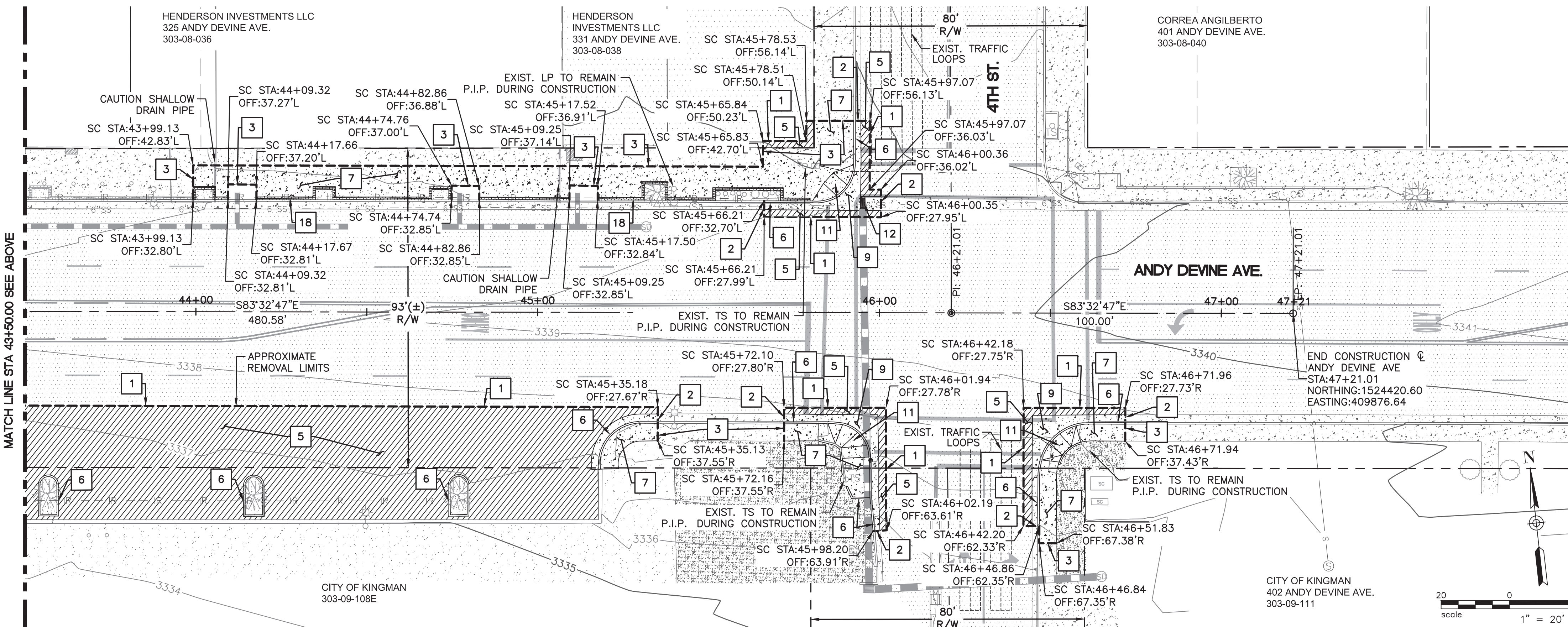
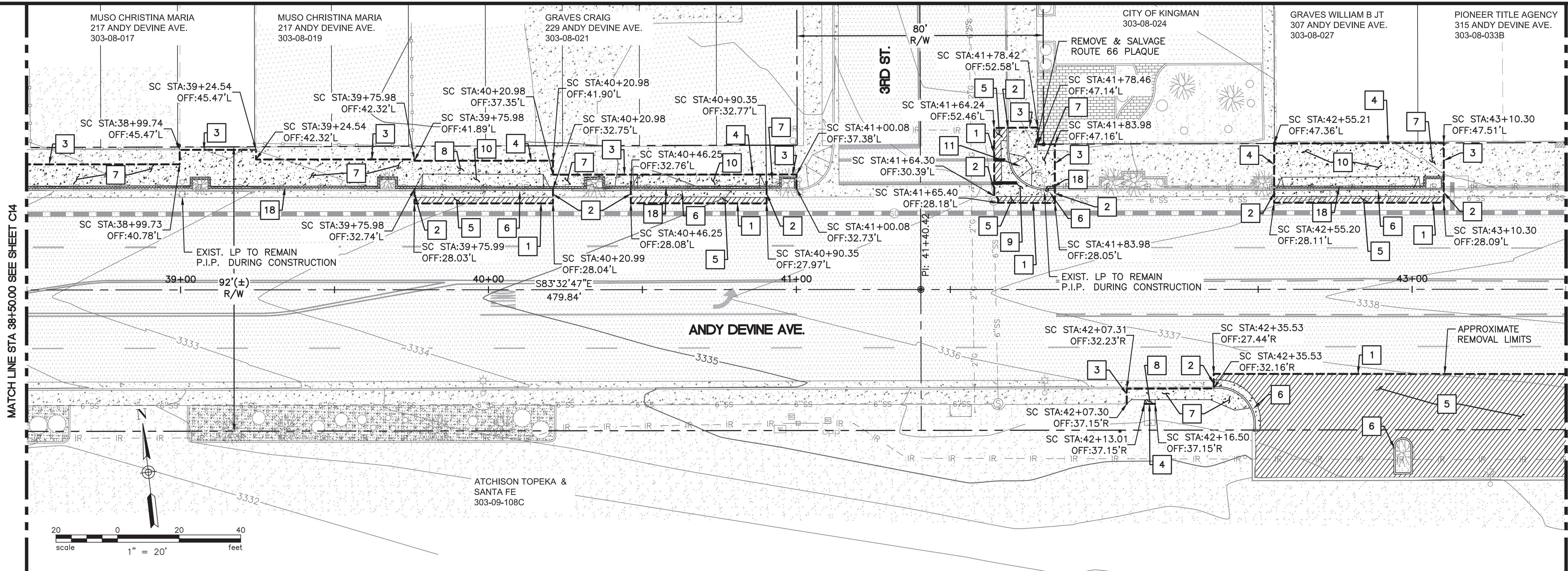
ADA IMPROVEMENTS
ANDY DEVINE AVENUE
 DEMOLITION PLAN STA 28+50 TO 38+50

C.O.K. PROJECT NO.	ENG-18-0082
FILENAME	180082DM02.dwg
SHEET NO.	C14
	14 OF 21

DEMOLITION NOTES

- 1 SAWCUT EXISTING A.C. PAVEMENT.
- 2 SAWCUT EXISTING CONCRETE CURB/CURB & GUTTER/VALLEY GUTTER.
- 3 SAWCUT EXISTING CONCRETE SIDEWALK.
- 4 SAWCUT EXISTING CONCRETE PAVEMENT/SLAB/ DRIVEWAY.
- 5 REMOVE EXISTING A.C. PAVEMENT.
- 6 REMOVE EXISTING CONCRETE CURB/CURB & GUTTER.
- 7 REMOVE EXISTING CONCRETE SIDEWALK.
- 8 REMOVE EXISTING CONCRETE PAVEMENT/SLAB.
- 9 REMOVE EXISTING CONCRETE VALLEY GUTTER/APRON.
- 10 REMOVE EXISTING CONCRETE DRIVEWAY.
- 11 REMOVE EXISTING CONCRETE RAMP.
- 12 REMOVE EXISTING CATCH BASIN.
- 18 REMOVE AND SALVAGE EXISTING BRICK PAVERS.

- NOTES:
- 1. ALL EXISTING TRAFFIC SIGNALS, LIGHT POLES AND UTILITY POLES TO REMAIN. PROTECT IN PLACE DURING CONSTRUCTION.
 - 2. EXISTING TREES/SHRUBS TO REMAIN (UNLESS OTHERWISE NOTED). PROTECT IN PLACE DURING CONSTRUCTION.
 - 3. EXISTING IRRIGATION BOXES, VALVES AND PVC LINES TO BE RELOCATED WITHIN THE REMOVAL LIMITS AS REQUIRED.



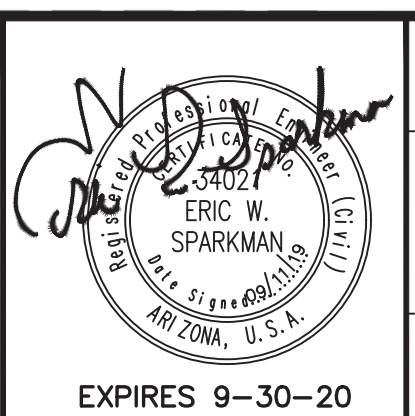
REVISION DESCRIPTION	BY	DATE	APP.
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DATE OF ACCEPTANCE	03-W-0029
INSPECTED BY	83-W-0013
REVISED BY	70-W-0004
CHECKED BY	00-ST-0049
ADEQ FILE NUMBER	97-ST-0021
DATE OF ADEQ APPROVAL	
CITY CONTRACT NUMBER	
CONTRACTOR	

REFERENCE DRAWINGS	
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	83-W-0013
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	00-ST-0049
	97-ST-0021

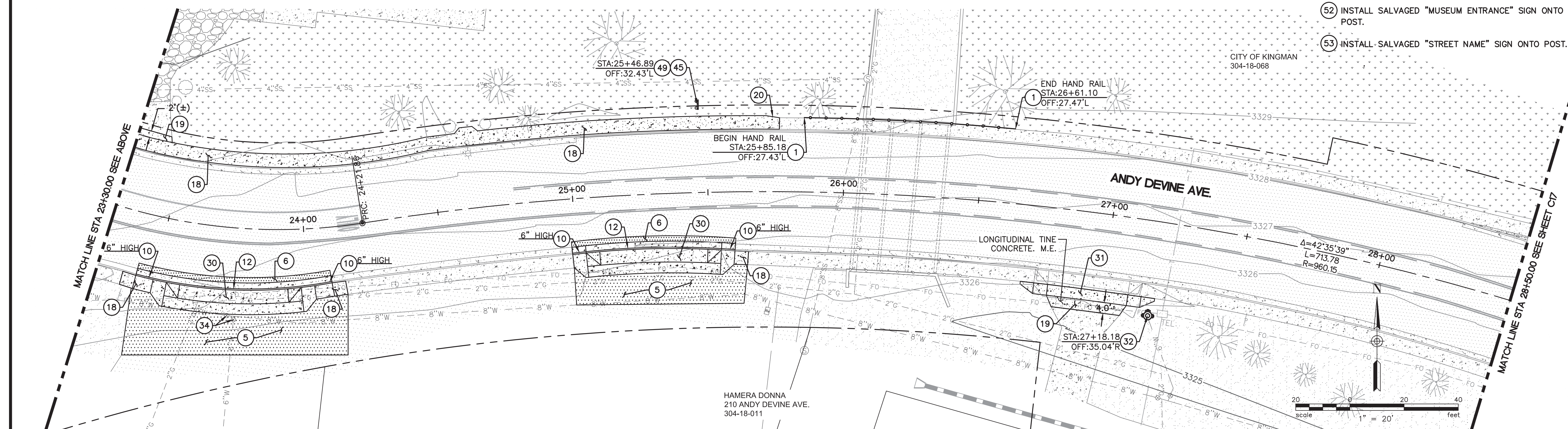
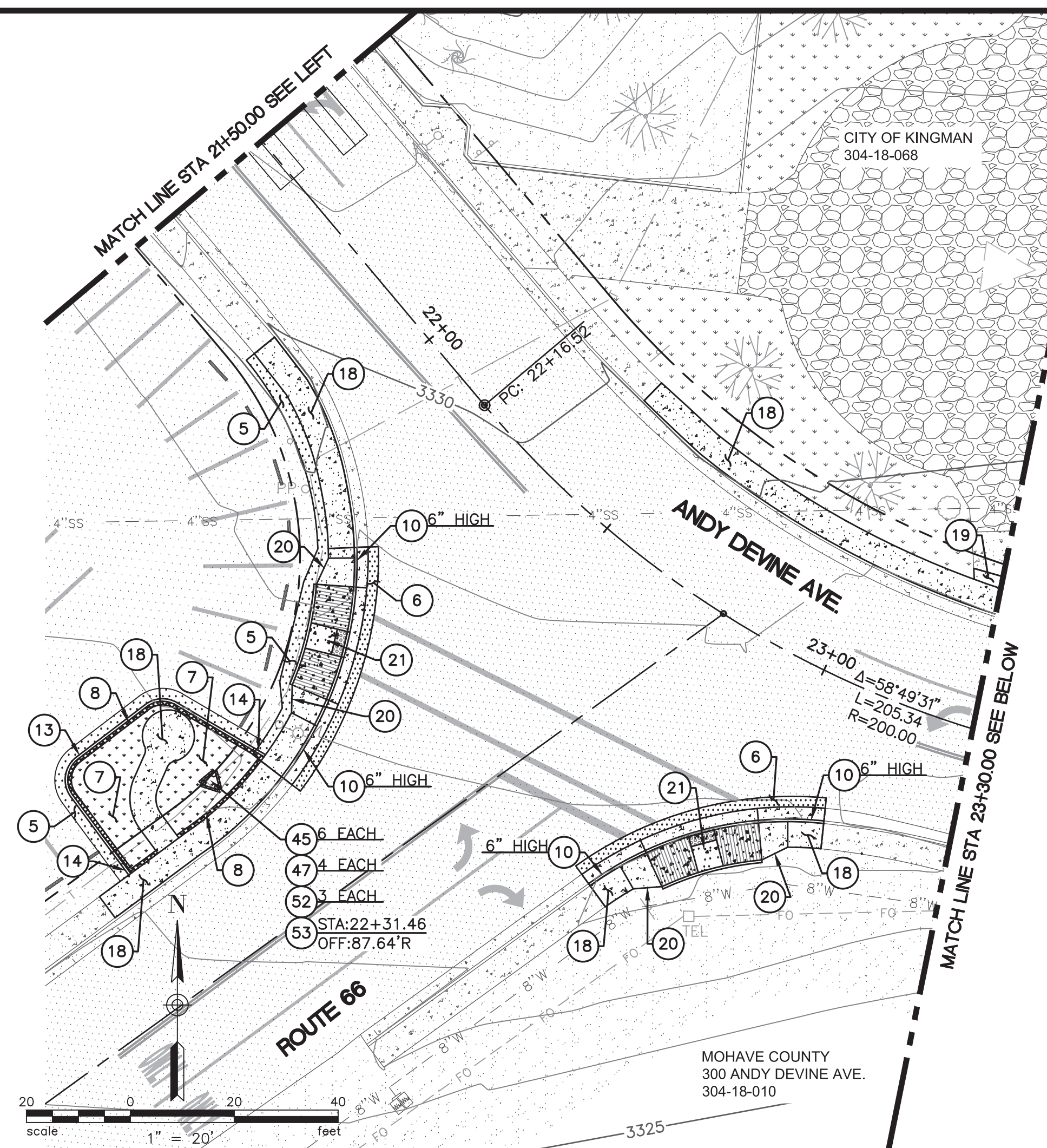
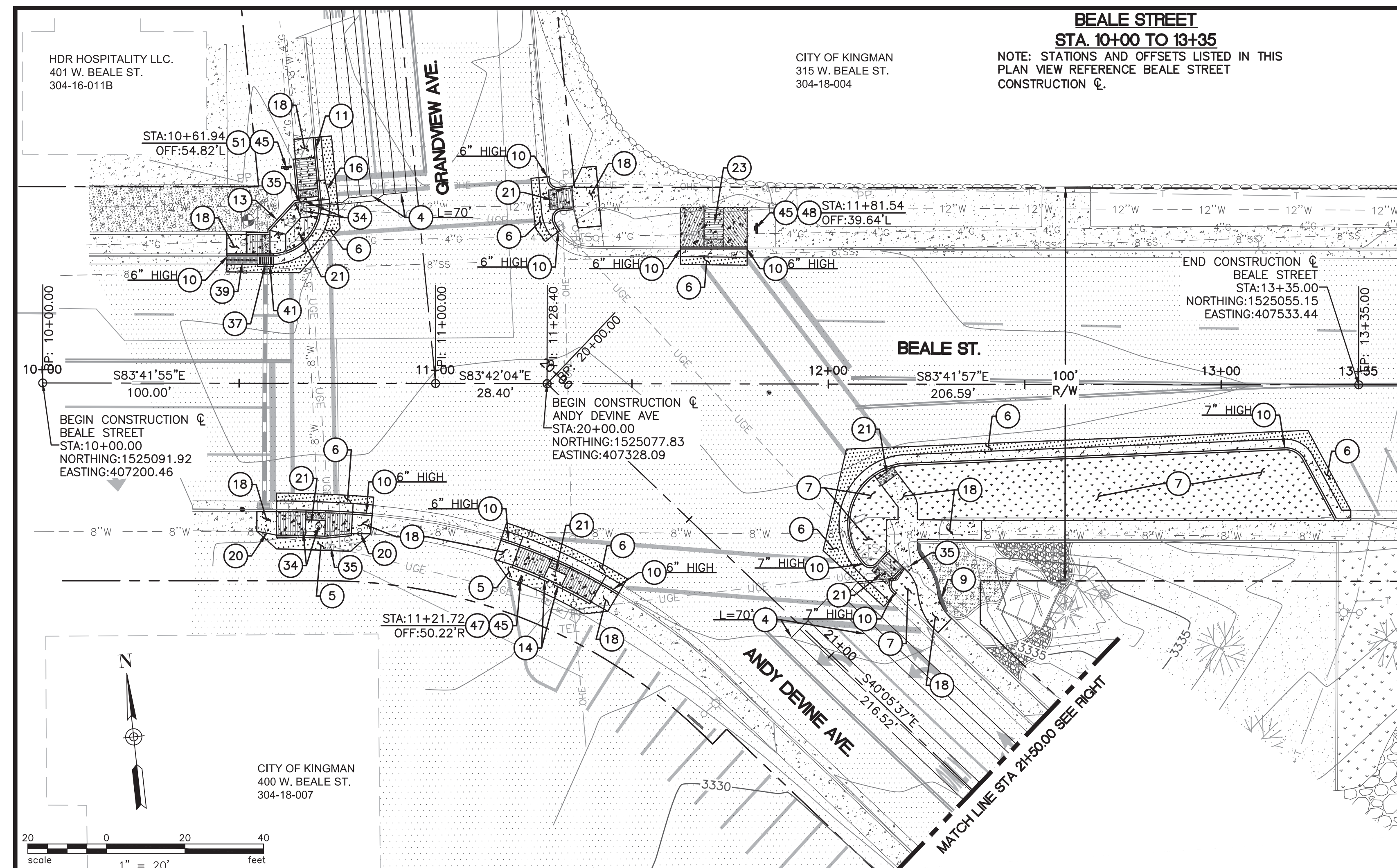
CITY OF KINGMAN
ENGINEERING DEPARTMENT
 310 NORTH 4TH STREET
 KINGMAN, ARIZONA 86401
 PHONE (928) 753-8122 FAX (928) 753-8118

DESIGNED BY	ERIC SPARKMAN
DRAWN BY	ALEX LOZANO
CHECKED BY	GREG HENRY
DATE DRAWN	8/21/19
HORIZ. SCALE	1" = 20'
VERT. SCALE	NONE



ADA IMPROVEMENTS
ANDY DEVINE AVENUE
 DEMOLITION PLAN STA 38+50 TO 47+21

C.O.K. PROJECT NO.	ENG-18-0082
FILENAME	180082DM03.dwg
SHEET NO.	C15
	15 OF 21



CONSTRUCTION NOTES

- 1 CONSTRUCT SAFETY RAIL PER M.A.G. STD. DTL. 145 ON SHEET C03. MODIFIED FOR SIDE MOUNT CONNECTION PER DETAIL "A" ON SHEET C03.
- 4 INSTALL 6" WIDE QUADRAPOLE LOOP DETECTORS AND LOOP LEAD-IN PER A.D.O.T. STD. DTL. T.S. 7-1 ON SHEETS C06 & C07. LENGTH AS NOTED ON PLANS.
- 5 CONSTRUCT ASPHALT PAVEMENT SECTION (2" A.C./6" A.B.C.) OR MATCH IN KIND WHICHEVER IS GREATER.
- 6 CONSTRUCT ASPHALT PAVEMENT SECTION (3" A.C./8" A.B.C.) OR MATCH IN KIND WHICHEVER IS GREATER.
- 7 INSTALL 1/2" D.G. 2" THICK. COLOR SHALL BE "MOHAVE GOLD" PER THE PROJECT SPECIFICATIONS.
- 8 INSTALL SALVAGED BRICK PAVERS PER THE PROJECT SPECIFICATIONS.
- 9 INSTALL SALVAGED RAIL ROAD TIES AT THE BACK OF NEW SIDEWALK.
- 10 CONSTRUCT VERTICAL CURB AND GUTTER PER A.D.O.T. STD. DTL. C-05.10, TYPE 'D' ON SHEET C03. CURB HEIGHT AS SHOWN.
- 11 CONSTRUCT 6" VERTICAL CURB AND GUTTER PER M.A.G. STD. DTL. 220-1, TYPE 'A', ON SHEET C04.
- 12 CONSTRUCT DEPRESSED CURB AND GUTTER PER A.D.O.T. STD. DTL. C-05.10 ON SHEET C03.
- 13 CONSTRUCT SINGLE CURB PER M.A.G. STD. DTL. 222, TYPE 'B' ON SHEET C04.
- 14 CONSTRUCT CURB TERMINATION PER M.A.G. STD. DTL. 222 ON SHEET C04.
- 16 CONSTRUCT 5' CURB AND GUTTER TRANSITION PER A.D.O.T. STD. DTL. C-05.12, TYPE '6', ON SHEET C03. TRANSITION FROM A.D.O.T. TYPE 'D' TO M.A.G. TYPE 'A'.
- 18 CONSTRUCT 5' WIDE (UNLESS OTHERWISE NOTED) CONCRETE SIDEWALK PER C.O.K. STD. DTL. 230 ON SHEET C04.
- 19 CONSTRUCT CONCRETE SIDEWALK/SLAB PER C.O.K. STD. DTL. 230 ON SHEET C04. MODIFIED FOR 9" THICKNESS AND CLASS 'A' CONCRETE. WIDTH AS NOTED ON PLANS.
- 20 CONSTRUCT 5' MIN. SIDEWALK TRANSITION.
- 21 CONSTRUCT A.D.A. RAMP PER THE DETAILS ON SHEETS C10 TO C12.
- 23 CONSTRUCT A.D.A. RAMP PER M.A.G. STD. DTL. 235-4 ON SHEET C05.
- 30 CONSTRUCT DRIVEWAY PER C.O.K. STD. DTL. 250-2 ON SHEET C05.
- 31 CONSTRUCT DRIVEWAY (A.D.A. RETROFIT) PER C.O.P. STD. DTL. P1255-3 ON SHEET C04.
- 32 CUT EXISTING 6" WATERLINE AND INSTALL SALVAGED FIRE HYDRANT AT LOCATION SHOWN ON PLANS. REFER TO C.O.K. STD. DTL. 360 ON SHEET C08.
- 34 ADJUST WATER VALVE BOX AND COVER TO FINISH GRADE PER C.O.K. STD. DTL. 391-1 ON SHEET C08.
- 35 ADJUST PULL BOX TO FINISH GRADE. COORDINATE WITH C.O.K. STREETS SUPERINTENDENT PRIOR TO CONSTRUCTION.
- 37 EXTEND/CUT EXISTING CULVERT AS REQUIRED TO MAKE CONNECTION TO NEW CATCH BASIN.
- 39 INSTALL SLOTTED DRAIN WITH CONNECTION TO CATCH BASIN PER A.D.O.T. STD. DTL. C-13.60 ON SHEET C09.
- 41 INSTALL CATCH BASIN PER A.D.O.T. STD. DTL. C-15.30, TYPE '4', ON SHEET C09.
- 45 INSTALL SIGN POST & BASE PER C.O.K. STD. DTL. 132 & 133 ON SHEET C08.
- 47 INSTALL SALVAGED "NO COASTING VEHICLES" SIGN ONTO SIGN POST.
- 48 INSTALL SALVAGED "NO PARKING" SIGN ONTO SIGN POST.

CONSTRUCTION NOTES

- 49 INSTALL SALVAGED "DESTINATION" SIGN ONTO SIGN POST.
- 51 INSTALL SALVAGED "RIGHT TURN ONLY" SIGN ONTO POST.
- 52 INSTALL SALVAGED "MUSEUM ENTRANCE" SIGN ONTO POST.
- 53 INSTALL SALVAGED "STREET NAME" SIGN ONTO POST.

NOTE: CONCRETE DRIVEWAY AND A.D.A. RAMP STANDARD DETAILS TO BE MODIFIED FOR USE WITH A.D.O.T. CURB & GUTTER C-5.10 TYPE 'D' AND A.D.O.T. DEPRESSED CURB & GUTTER.

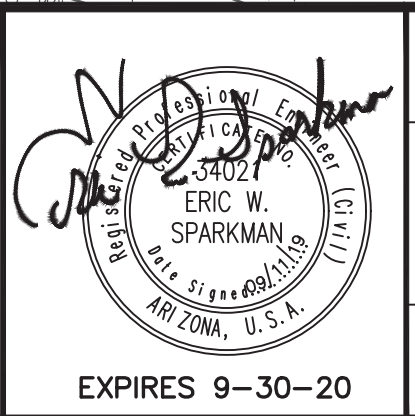
REVISION DESCRIPTION	BY	DATE	APP.

ASBUILT INFORMATION	
DATE OF ACCEPTANCE	
INSPECTED BY	
REVISED BY	
CHECKED BY	
ADEQ FILE NUMBER	
DATE OF ADEQ APPROVAL	
CITY CONTRACT NUMBER	
CONTRACTOR	

REFERENCE DRAWINGS	
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83-W-0013	
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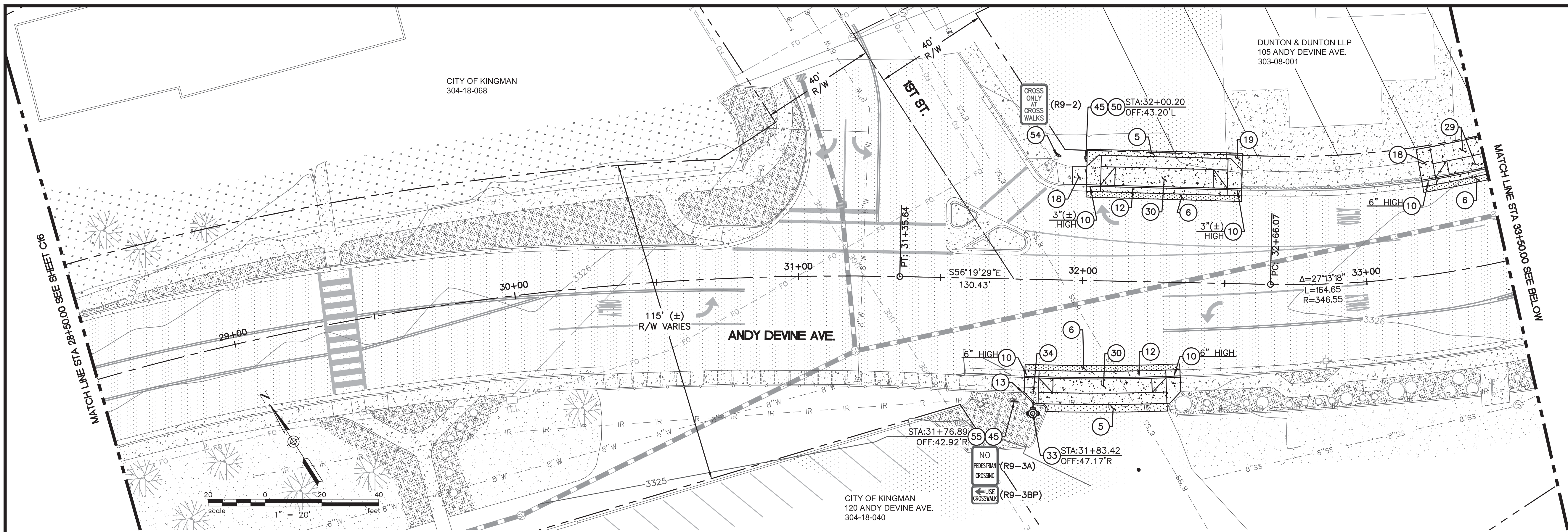
CITY OF KINGMAN
ENGINEERING DEPARTMENT
 310 NORTH 4TH STREET
 KINGMAN, ARIZONA 86401
 PHONE (928) 753-8122 FAX (928) 753-8118

DESIGNED BY	ERIC SPARKMAN
DRAWN BY	ALEX LOZANO
CHECKED BY	GREG HENRY
DATE DRAWN	9/10/19
HORIZ. SCALE	1" = 20'
VERT. SCALE	NONE



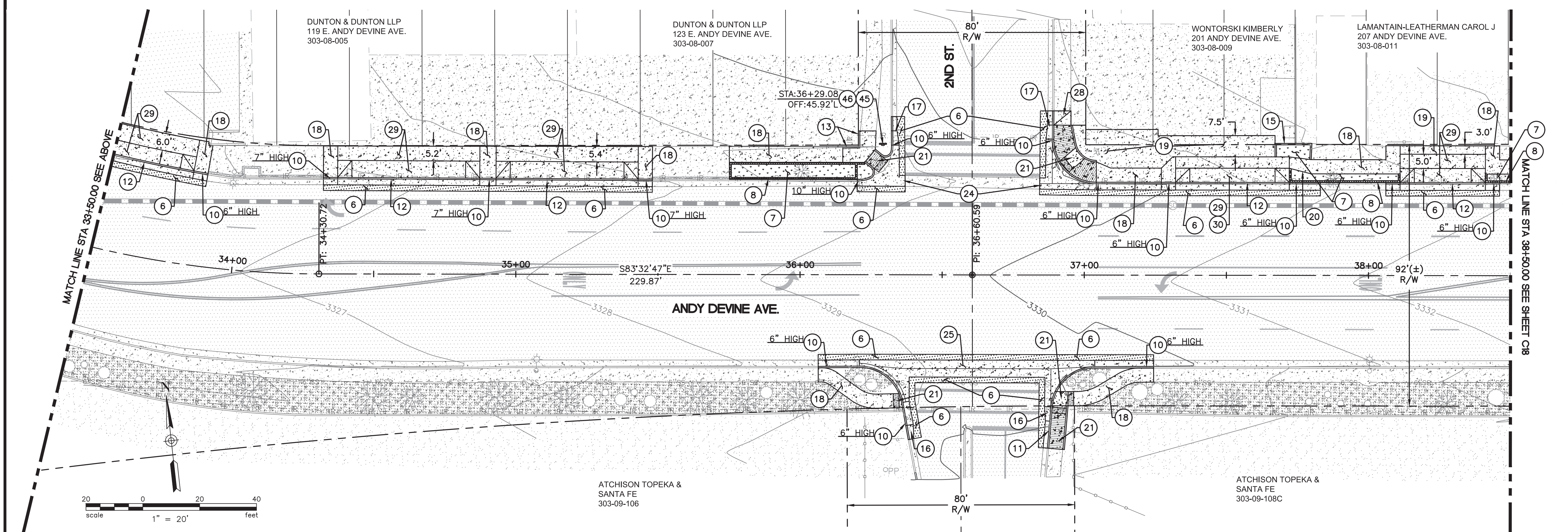
ADA IMPROVEMENTS
ANDY DEVINE AVENUE
 IMPROVEMENT PLAN STA. 20+00 TO 28+50

C.O.K. PROJECT NO.	ENG-18-0082
FILENAME	180082IP01.dwg
SHEET NO.	C16
	16 OF 21



NOTE: CONCRETE DRIVEWAY AND A.D.A. RAMP STANDARD DETAILS TO BE MODIFIED FOR USE WITH A.D.O.T. CURB & GUTTER C-5.10 TYPE 'D' AND A.D.O.T. DEPRESSED CURB & GUTTER.

- ### CONSTRUCTION NOTES
- 5 CONSTRUCT ASPHALT PAVEMENT SECTION (2" A.C./6" A.B.C.) OR MATCH IN KIND WHICHEVER IS GREATER.
 - 6 CONSTRUCT ASPHALT PAVEMENT SECTION (3" A.C./8" A.B.C.) OR MATCH IN KIND WHICHEVER IS GREATER.
 - 7 INSTALL 1/2" D.G. 2" THICK. COLOR SHALL BE "MOHAVE GOLD" PER THE PROJECT SPECIFICATIONS.
 - 8 INSTALL SALVAGED BRICK PAVERS PER THE PROJECT SPECIFICATIONS.
 - 10 CONSTRUCT VERTICAL CURB AND GUTTER PER A.D.O.T. STD. DTL. C-05.10, TYPE 'D' ON SHEET C03. CURB HEIGHT AS SHOWN.
 - 11 CONSTRUCT 6" VERTICAL CURB AND GUTTER PER M.A.G. STD. DTL. 220-1, TYPE 'A', ON SHEET C04.
 - 12 CONSTRUCT DEPRESSED CURB AND GUTTER PER A.D.O.T. STD. DTL. C-05.10 ON SHEET C03.
 - 13 CONSTRUCT SINGLE CURB PER M.A.G. STD. DTL. 222, TYPE 'B' ON SHEET C04.
 - 15 CONSTRUCT CONCRETE HEADER PER DETAIL "B" ON SHEET C06.
 - 16 CONSTRUCT 5' CURB AND GUTTER TRANSITION PER A.D.O.T. STD. DTL. C-05.12, TYPE '6', ON SHEET C03. TRANSITION FROM A.D.O.T. TYPE 'D' TO M.A.G. TYPE 'A'.
 - 17 CONSTRUCT 5' CURB AND GUTTER TRANSITION PER A.D.O.T. STD. DTL. C-05.12, TYPE '6', ON SHEET C03. TRANSITION FROM A.D.O.T. TYPE 'D' TO M.A.G. DEPRESSED CURB AND GUTTER.
 - 18 CONSTRUCT 5' WIDE (UNLESS OTHERWISE NOTED) CONCRETE SIDEWALK PER C.O.K. STD. DTL. 230 ON SHEET C04.
 - 19 CONSTRUCT CONCRETE SIDEWALK/SLAB PER C.O.K. STD. DTL. 230 ON SHEET C04. MODIFIED FOR 9" THICKNESS AND CLASS 'A' CONCRETE. WIDTH AS NOTED ON PLANS.
 - 20 CONSTRUCT 5' MIN. SIDEWALK TRANSITION.
 - 21 CONSTRUCT A.D.A. RAMP PER THE DETAILS ON SHEETS C10 TO C12.
 - 24 RECONSTRUCT CONCRETE VALLEY GUTTER PER M.A.G. STD. DTL. 240 ON SHEET C04. MATCH EXISTING WIDTH. DOWEL INTO EXISTING VALLEY GUTTER PER DETAIL "D" ON SHEET C04.
 - 25 CONSTRUCT CONCRETE VALLEY GUTTER PER M.A.G. STD. DTL. 240 ON SHEET C04.
 - 28 RECONSTRUCT DRIVEWAY WING PER C.O.K. STD. DTL. 250-1 ON SHEET C05.
 - 29 CONSTRUCT DRIVEWAY PER C.O.K. STD. DTL. 250-1 ON SHEET C05.
 - 30 CONSTRUCT DRIVEWAY PER C.O.K. STD. DTL. 250-2 ON SHEET C05.
 - 33 REMOVE EXISTING 6" PVC WATERLINE AT EXISTING VALVE AND INSTALL 6" DIP (CL. 350). WATERLINE TRENCH AND BACKFILL PER C.O.K. STD. DTL. 392 ON SHEET C08. INSTALL SALVAGED FIRE HYDRANT AT LOCATION SHOWN ON PLANS PER C.O.K. STD. DTL. 360 ON SHEET C08.
 - 34 ADJUST WATER VALVE BOX AND COVER TO FINISH GRADE PER C.O.K. STD. DTL. 391-1 ON SHEET C08.
 - 45 INSTALL SIGN POST & BASE PER C.O.K. STD. DTL. 132 & 133 ON SHEET C08.
 - 46 INSTALL SALVAGED "STOP" SIGN ONTO SIGN POST.
 - 50 INSTALL SALVAGED "RIGHT TURN ONLY" AND "YIELD TO PEDESTRIANS" SIGNS ONTO SIGN POST.
 - 54 INSTALL "CROSS ONLY AT CROSSWALKS" SIGN ONTO EXISTING LIGHT POLE.
 - 55 INSTALL "NO PEDESTRIAN CROSSING" SIGN AND "USE CROSSWALK" PLAQUE ONTO SIGN POST.



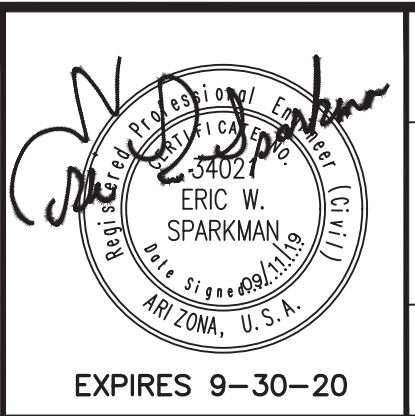
REVISION DESCRIPTION	BY	DATE	APP.
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ASBULT INFORMATION	
DATE OF ACCEPTANCE	03-W-0029
INSPECTED BY	83-W-0013
REVISED BY	70-W-0004
CHECKED BY	00-ST-0049
ADEQ FILE NUMBER	97-ST-0021
DATE OF ADEQ APPROVAL	
CITY CONTRACT NUMBER	
CONTRACTOR	

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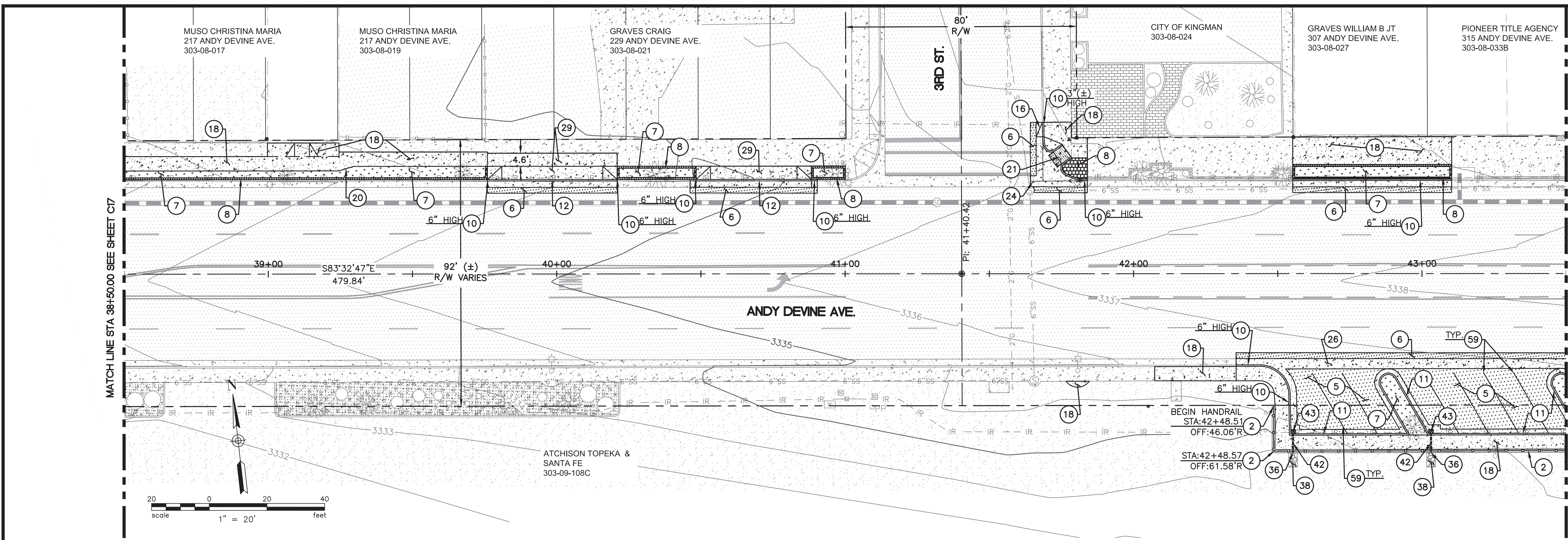
CITY OF KINGMAN
ENGINEERING DEPARTMENT
 310 NORTH 4TH STREET
 KINGMAN, ARIZONA 86401
 PHONE (928) 753-8122 FAX (928) 753-8118

DESIGNED BY	ERIC SPARKMAN
DRAWN BY	ALEX LOZANO
CHECKED BY	GREG HENRY
DATE DRAWN	9/10/19
HORIZ. SCALE	1" = 20'
VERT. SCALE	NONE

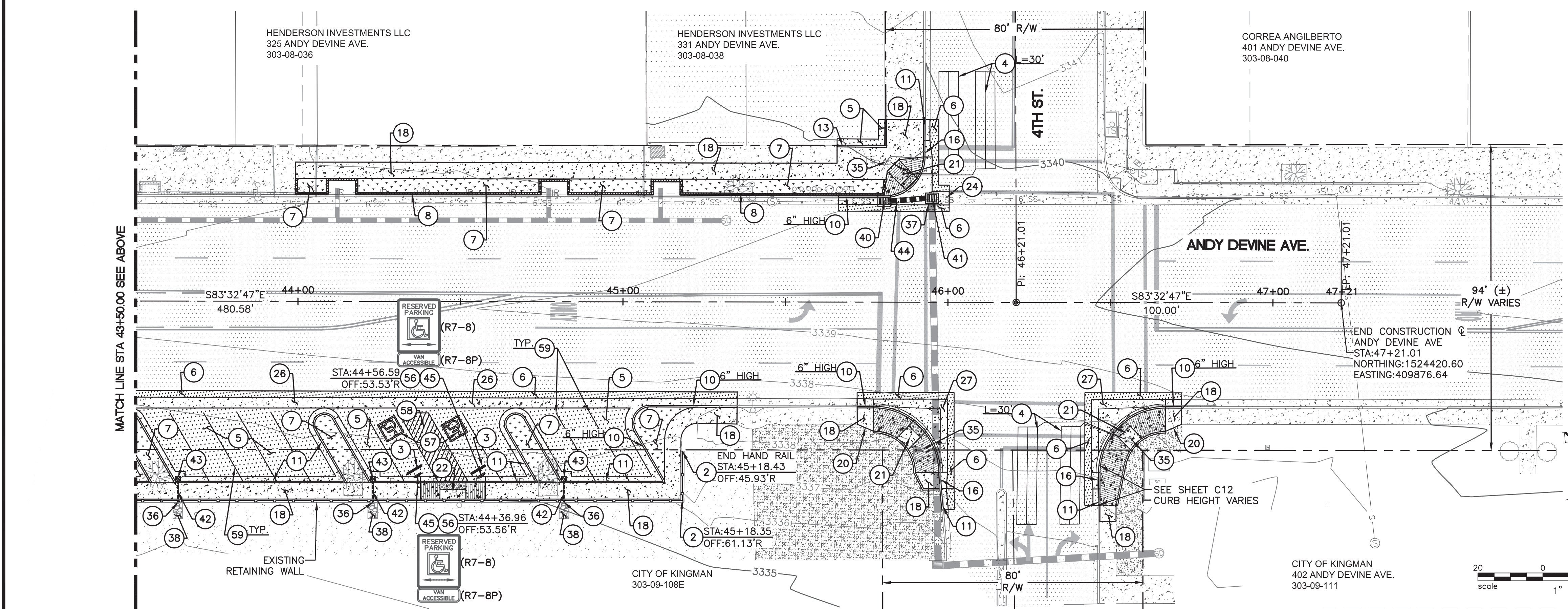


ADA IMPROVEMENTS
ANDY DEVINE AVENUE
 IMPROVEMENT PLAN STA. 28+50 TO 38+50

C.O.K. PROJECT NO.	ENG-18-0082
FILENAME	180082IP02.dwg
SHEET NO.	C17
	17 OF 21



- ### CONSTRUCTION NOTES
- 2 CONSTRUCT SAFETY RAIL PER M.A.G. STD. DTL. 145 ON SHEET C03.
 - 3 INSTALL PRECAST SAFETY CURB PER M.A.G. STD. DTL. 150 ON SHEET C03.
 - 4 INSTALL 6" WIDE QUADRAPOLE LOOP DETECTORS AND LOOP LEAD-IN PER A.D.O.T. STD. DTL. T.S. 7-1 ON SHEETS C06 & C07. LENGTH AS NOTED ON PLANS.
 - 5 CONSTRUCT ASPHALT PAVEMENT SECTION (2" A.C./6" A.B.C.) OR MATCH IN KIND WHICHEVER IS GREATER.
 - 6 CONSTRUCT ASPHALT PAVEMENT SECTION (3" A.C./8" A.B.C.) OR MATCH IN KIND WHICHEVER IS GREATER.
 - 7 INSTALL 1/2" D.G. 2" THICK. COLOR SHALL BE "MOHAVE GOLD" PER THE PROJECT SPECIFICATIONS.
 - 8 INSTALL SALVAGED BRICK PAVERS PER THE PROJECT SPECIFICATIONS.
 - 10 CONSTRUCT VERTICAL CURB AND GUTTER PER A.D.O.T. STD. DTL. C-05.10, TYPE 'D' ON SHEET C03. CURB HEIGHT AS SHOWN.
 - 11 CONSTRUCT 6" VERTICAL CURB AND GUTTER PER M.A.G. STD. DTL. 220-1, TYPE 'A', ON SHEET C04.
 - 12 CONSTRUCT DEPRESSED CURB AND GUTTER PER A.D.O.T. STD. DTL. C-05.10 ON SHEET C03.
 - 13 CONSTRUCT SINGLE CURB PER M.A.G. STD. DTL. 222, TYPE 'B' ON SHEET C04.
 - 16 CONSTRUCT 5' CURB AND GUTTER TRANSITION PER A.D.O.T. STD. DTL. C-05.12, TYPE '6', ON SHEET C03. TRANSITION FROM A.D.O.T. TYPE 'D' TO M.A.G. TYPE 'A'.
 - 18 CONSTRUCT 5' WIDE (UNLESS OTHERWISE NOTED) CONCRETE SIDEWALK PER C.O.K. STD. DTL. 230 ON SHEET C04.
 - 20 CONSTRUCT 5' MIN. SIDEWALK TRANSITION.
 - 21 CONSTRUCT A.D.A. RAMP PER THE DETAILS ON SHEETS C10 TO C12.
 - 22 CONSTRUCT A.D.A. RAMP PER DETAIL "C" ON SHEET C05.
 - 24 RECONSTRUCT CONCRETE VALLEY GUTTER PER M.A.G. STD. DTL. 240 ON SHEET C04. MATCH EXISTING WIDTH. DOWEL INTO EXISTING VALLEY GUTTER PER DETAIL "D" ON SHEET C04.
 - 26 CONSTRUCT CONCRETE VALLEY GUTTER PER M.A.G. STD. DTL. 240 ON SHEET C04, MODIFY FOR A 3.5' WIDTH.
 - 27 CONSTRUCT CONCRETE SPANDRELS/APRON PER M.A.G. STD. DTL. 240 ON SHEET C04.
 - 29 CONSTRUCT DRIVEWAY PER C.O.K. STD. DTL. 250-1 ON SHEET C05.
 - 35 ADJUST PULL BOX TO FINISH GRADE. COORDINATE WITH C.O.K. STREETS SUPERINTENDENT PRIOR TO CONSTRUCTION.
 - 36 CORE DRILL EXISTING CONCRETE RETAINING WALL FOR PIPE PENETRATION PER DETAIL "E" ON SHEET C09.
 - 37 EXTEND/CUT EXISTING CULVERT AS REQUIRED TO MAKE CONNECTION TO NEW CATCH BASIN.
 - 38 INSTALL DUMPED RIP-RAP, D₅₀=6", T=12", WITH FILTER FABRIC PER DETAIL "F" ON SHEET C08.
 - 40 INSTALL CATCH BASIN PER A.D.O.T. STD. DTL. C-15.10, TYPE '1', ON SHEET C09.
 - 41 INSTALL CATCH BASIN PER A.D.O.T. STD. DTL. C-15.30, TYPE '4', ON SHEET C09.
 - 42 INSTALL 6" HDPE ADS (N-12) OR EQUAL STORM DRAIN PIPE. TRENCH EXCAVATION, BACKFILLING AND COMPACTION PER M.A.G. SPEC. 601.



- ### CONSTRUCTION NOTES
- 43 INSTALL 12" NYLOPLAST DRAIN BASIN (OR EQUAL) PER DETAIL "G" ON SHEET C09.
 - 44 INSTALL 18" CMP (14 GAUGE) STORM DRAIN. EXCAVATION, BEDDING AND BACKFILL PER M.A.G. SPEC. SECTION 601.
 - 45 INSTALL SIGN POST & BASE PER C.O.K. STD. DTL. 132 & 133 ON SHEET C08.
 - 56 INSTALL "RESERVED PARKING" SIGN AND "VAN ACCESSIBLE" PLAQUE ONTO SIGN POST.
 - 57 INSTALL WHEEL CHAIR SYMBOL IN ACCORDANCE WITH ADA STANDARDS (THERMOPLASTIC).
 - 58 INSTALL YELLOW ACCESSIBLE AISLE IN ACCORDANCE WITH ADA STANDARDS.
 - 59 INSTALL 4" WIDE SOLID WHITE PARKING LINE.
- NOTE: CONCRETE DRIVEWAY AND A.D.A. RAMP STANDARD DETAILS TO BE MODIFIED FOR USE WITH A.D.O.T. CURB & GUTTER C-5.10 TYPE 'D' AND A.D.O.T. DEPRESSED CURB & GUTTER.

REVISION DESCRIPTION	BY	DATE	APP.
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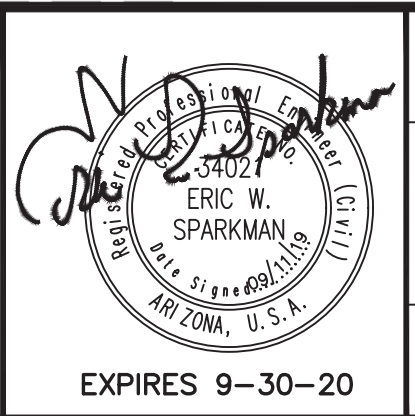
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REVISED BY	
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00-ST-0049	
97-ST-0021	

CITY OF KINGMAN
ENGINEERING DEPARTMENT

310 NORTH 4TH STREET
KINGMAN, ARIZONA 86401
PHONE (928) 753-8122 FAX (928) 753-8118

DESIGNED BY	ERIC SPARKMAN
DRAWN BY	ALEX LOZANO
CHECKED BY	GREG HENRY
DATE DRAWN	9/4/19
HORIZ. SCALE	1" = 20'
VERT. SCALE	NONE



ADA IMPROVEMENTS

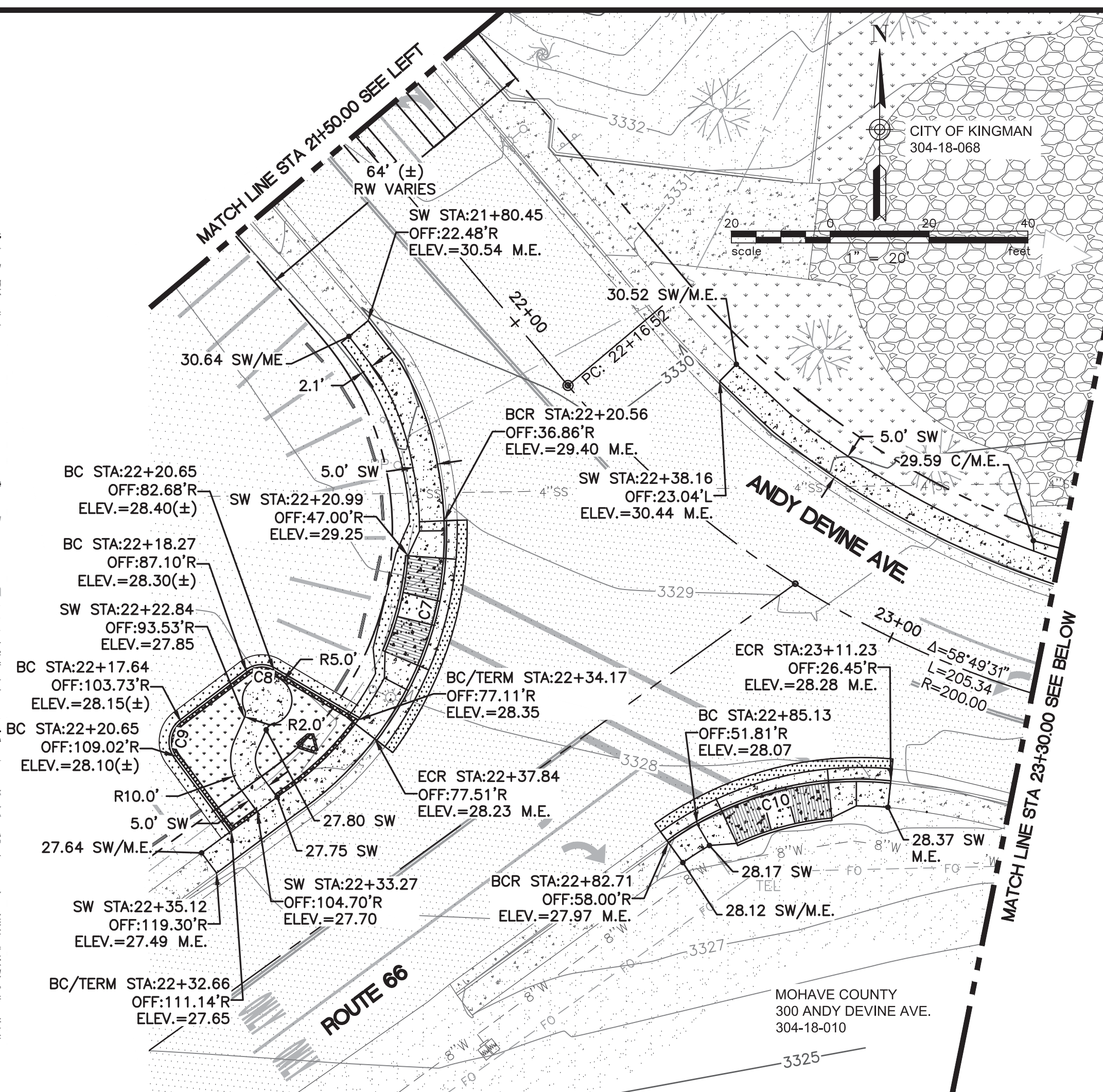
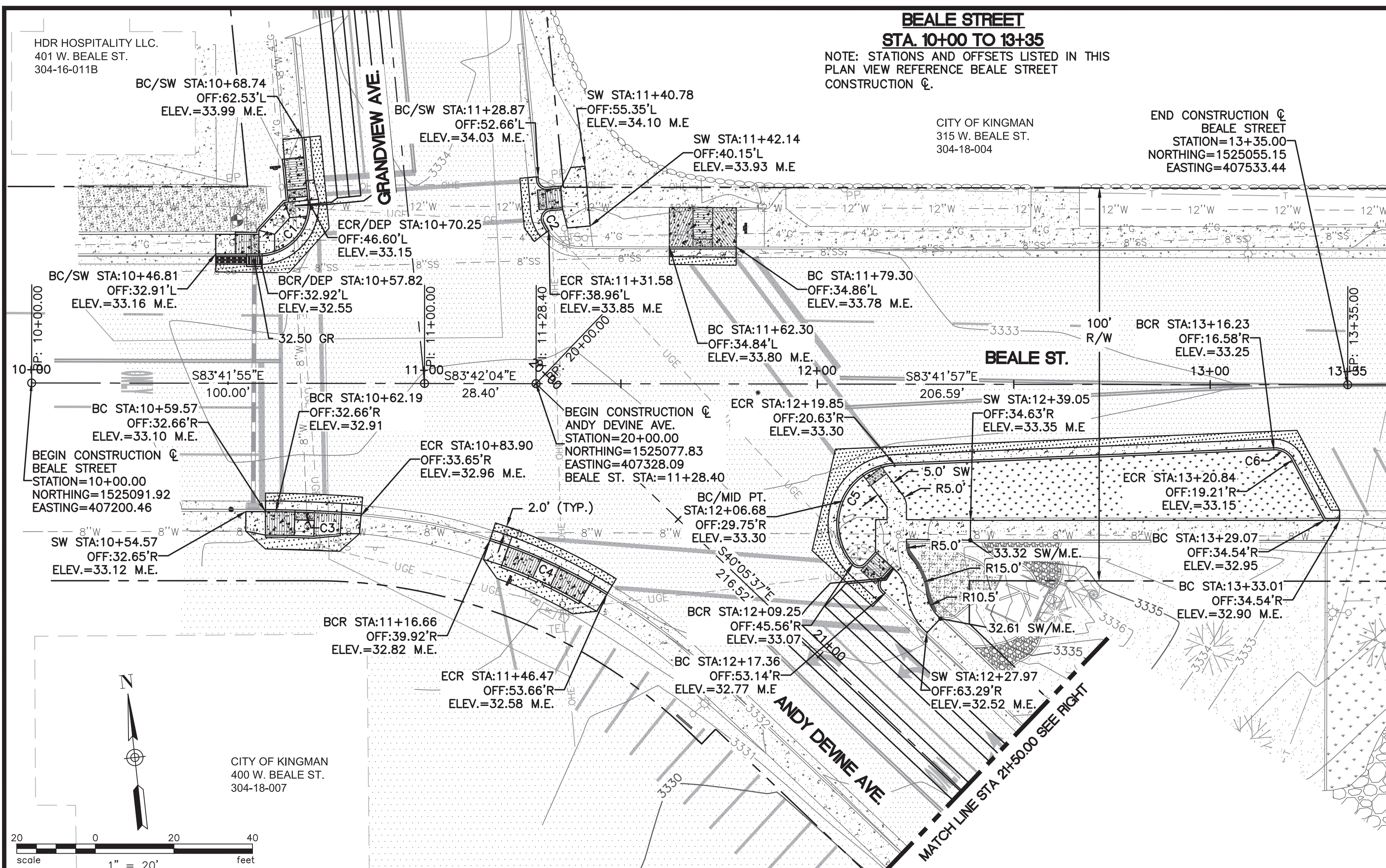
ANDY DEVINE AVENUE

IMPROVEMENT PLAN STA. 38+50 TO 47+21

C.O.K. PROJECT NO.
ENG-18-0082

FILENAME
180082IP03.dwg

SHEET NO.
C18
18 OF 21



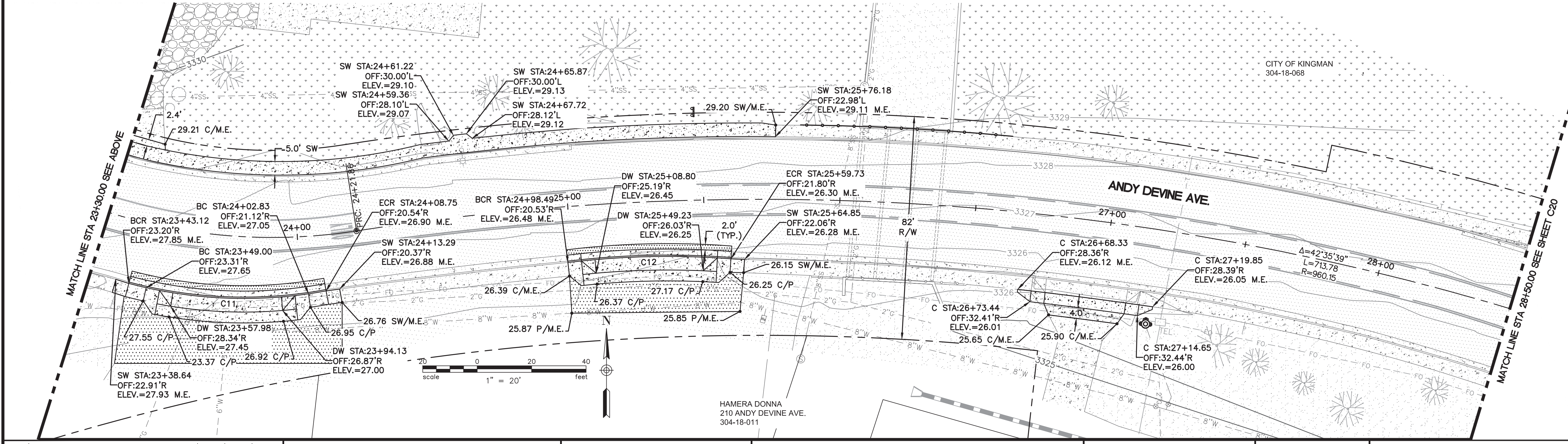
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- ABN.....ABANDONED
- AC.....ASPHALTIC CONCRETE
- ABC.....AGGREGATE BASE COURSE
- BC.....BACK OF CURB
- BCR.....BEGIN CURB RETURN
- BEG.....BEGIN
- BM.....BENCHMARK
- C.....CONCRETE
- CH.....CONCRETE HEADER
- CL.....CENTERLINE
- COK.....CITY OF KINGMAN
- DEP.....DEPRESSED
- DG.....DECOMPOSED GRANITE
- DW.....DRIVEWAY
- EB.....END BACK OF CURB
- ECR.....END CURB RETURN
- ELEC.....ELECTRIC LINE
- ELEV.....ELEVATION
- EOP.....EDGE OF PAVEMENT
- EXIST.....EXISTING
- FL.....FLOW LINE
- FG.....FINISHED GRADE
- GR.....GRATE
- INV.....INVERT
- LEN.....LENGTH
- LP.....LIGHT POLE
- MAX.....MAXIMUM
- ME.....MATCH EXISTING
- O.C.....ON CENTER
- OFF.....OFFSET
- P.....PAVEMENT
- PB.....PULL BOX
- PC.....POINT OF CURVATURE
- PI.....POINT OF INTERSECTION
- P.I.P.....PROTECT IN PLACE
- PPB.....PEDESTRIAN PUSH BUTTON
- PP.....POWER POLE
- PRC.....POINT OF REVERSE CURVATURE
- PT.....POINT OF TANGENCY
- R.....RADIUS
- R/W.....RIGHT-OF-WAY
- STA.....STATION
- SC.....SAWCUT
- SW.....SIDEWALK
- TERM.....TERMINATION
- TL.....TELEPHONE LINE
- TRANS.....TRANSITION
- TS.....TRAFFIC SIGNAL
- TW.....TOP OF WALL
- TYP.....TYPICAL
- VG.....VALLEY GUTTER

***Curve Table**

Curve #	Length	Radius	Delta
C1	20.81	12.50	95.38
C2	2.68	10.00	15.35
C3	21.73	315.80	3.94
C4	32.90	131.27	14.36
C5	33.80	15.00	129.10
C6	5.60	5.00	64.18
C7	47.23	68.18	39.69
C8	5.91	5.00	67.69
C9	7.79	5.00	89.23
C10	47.59	65.00	41.95
C11	73.13	164.95	25.40
C12	59.99	303.53	11.32

*CURVE DATA IS TOP/BACK OF CURB UNLESS OTHERWISE NOTED.



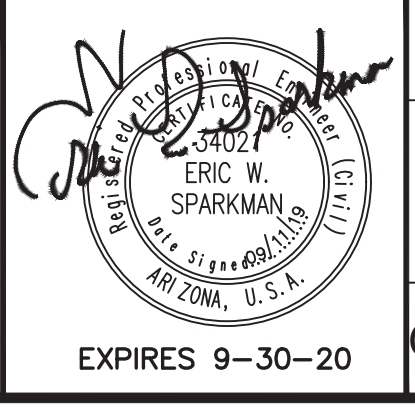
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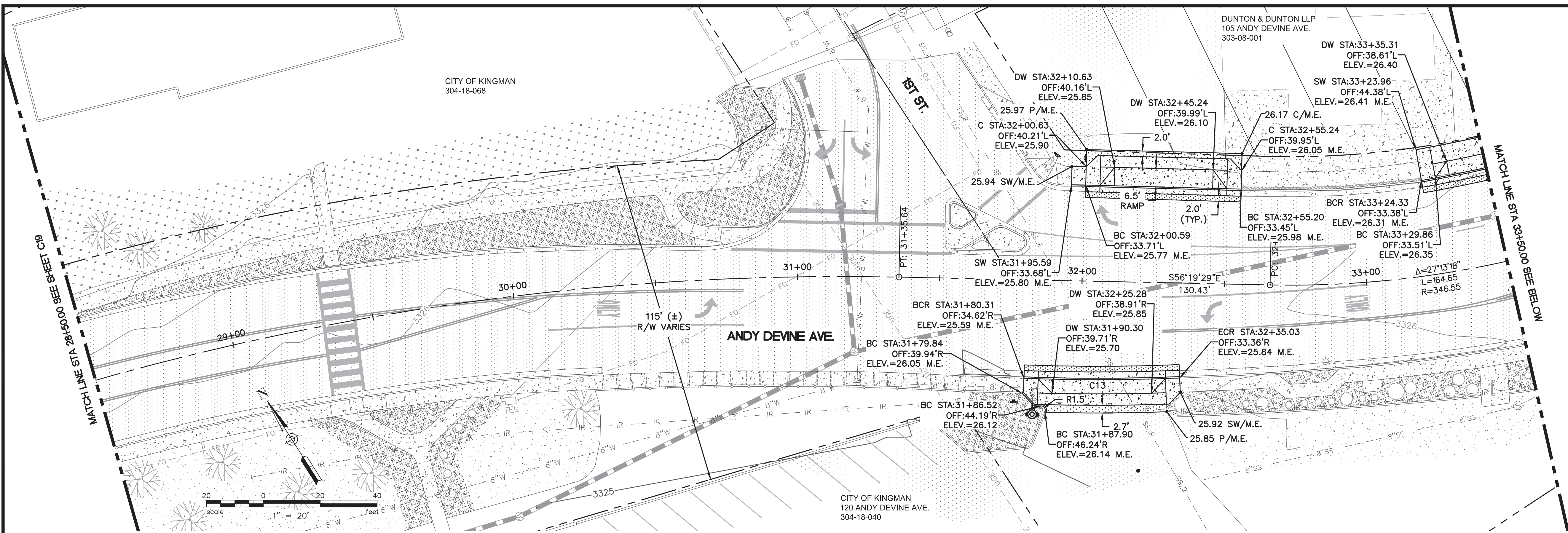
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VERT. SCALE	NONE



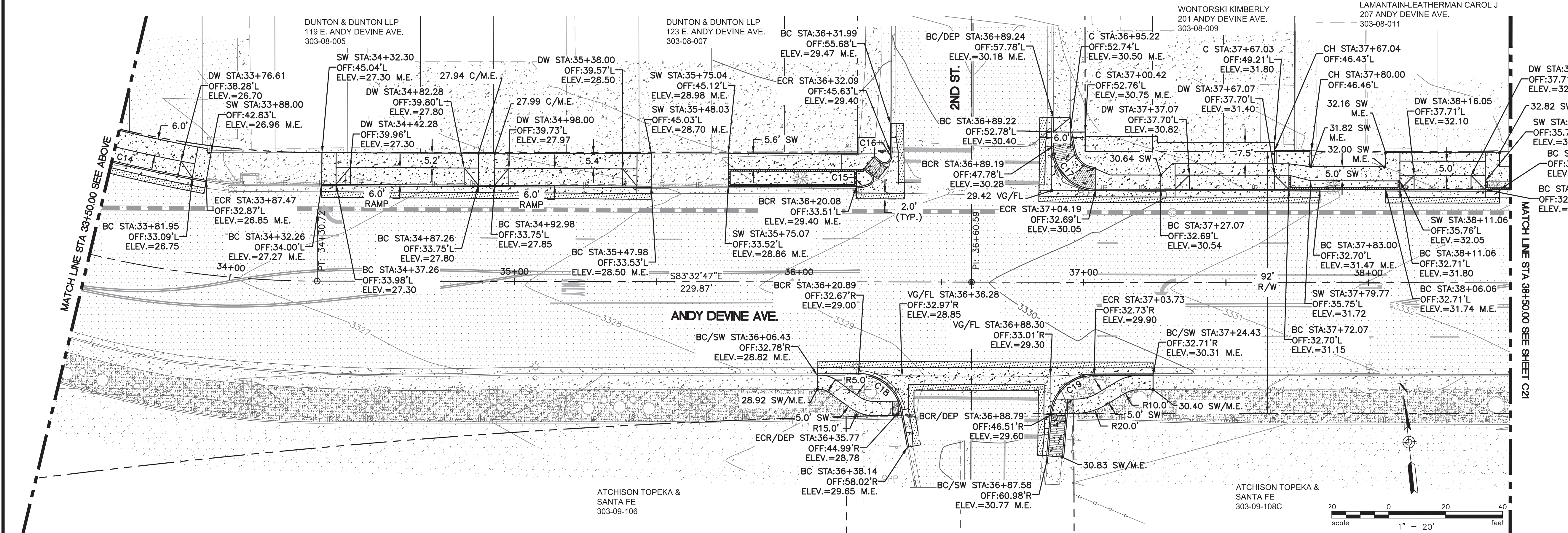
ADA IMPROVEMENTS
ANDY DEVINE AVENUE
GRADING-HORZ. CONTROL PLAN STA. 20+00 TO 28+50

C.O.K. PROJECT NO.	ENG-18-0082
FILENAME	180082PP01.dwg
SHEET NO.	C19
	19 OF 21



GRADING DESCRIPTION LEGEND

- ABN.....ABANDONED
- AC.....ASPHALTIC CONCRETE
- ABC.....AGGREGATE BASE COURSE
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*Curve Table

Curve #	Length	Radius	Delta
C13	54.75	693.76	4.52
C14	57.05	541.28	6.04
C15	4.36	12.00	20.82
C16	2.04	12.00	9.75
C17	23.65	15.00	90.35
C18	20.99	15.00	80.18
C19	22.32	15.00	85.27

*CURVE DATA IS TOP/BACK OF CURB UNLESS OTHERWISE NOTED.

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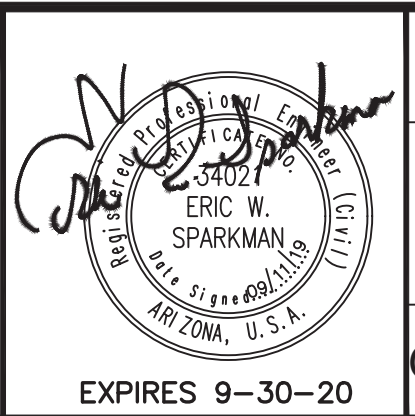
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CITY OF KINGMAN
ENGINEERING DEPARTMENT

310 NORTH 4TH STREET
KINGMAN, ARIZONA 86401
PHONE (928) 753-8122 FAX (928) 753-8118

DESIGNED BY	ERIC SPARKMAN
DRAWN BY	ALEX LOZANO
CHECKED BY	GREG HENRY
DATE DRAWN	9/10/19
HORIZ. SCALE	1" = 20'
VERT. SCALE	NONE



ADA IMPROVEMENTS

ANDY DEVINE AVENUE

GRADING-HORZ. CONTROL PLAN STA. 28+50 TO 38+50

C.O.K. PROJECT NO.	ENG-18-0082
FILENAME	180082PP02.dwg
SHEET NO.	C20
	20 OF 21

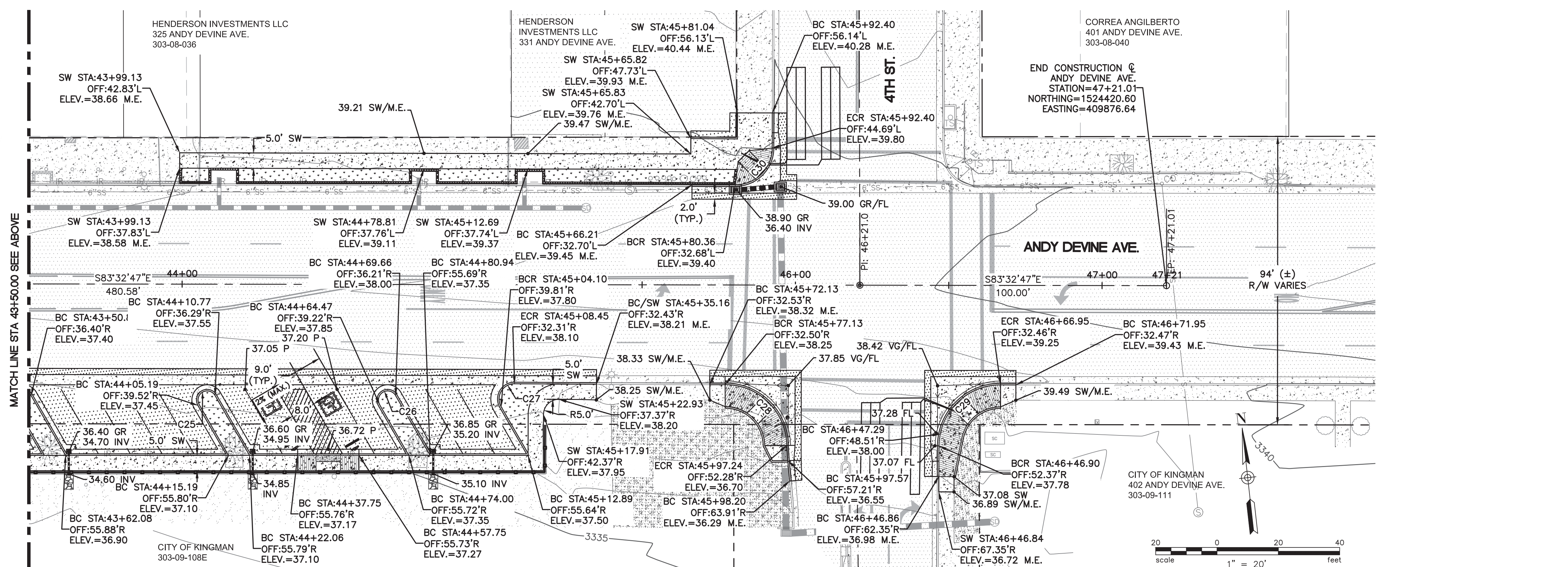
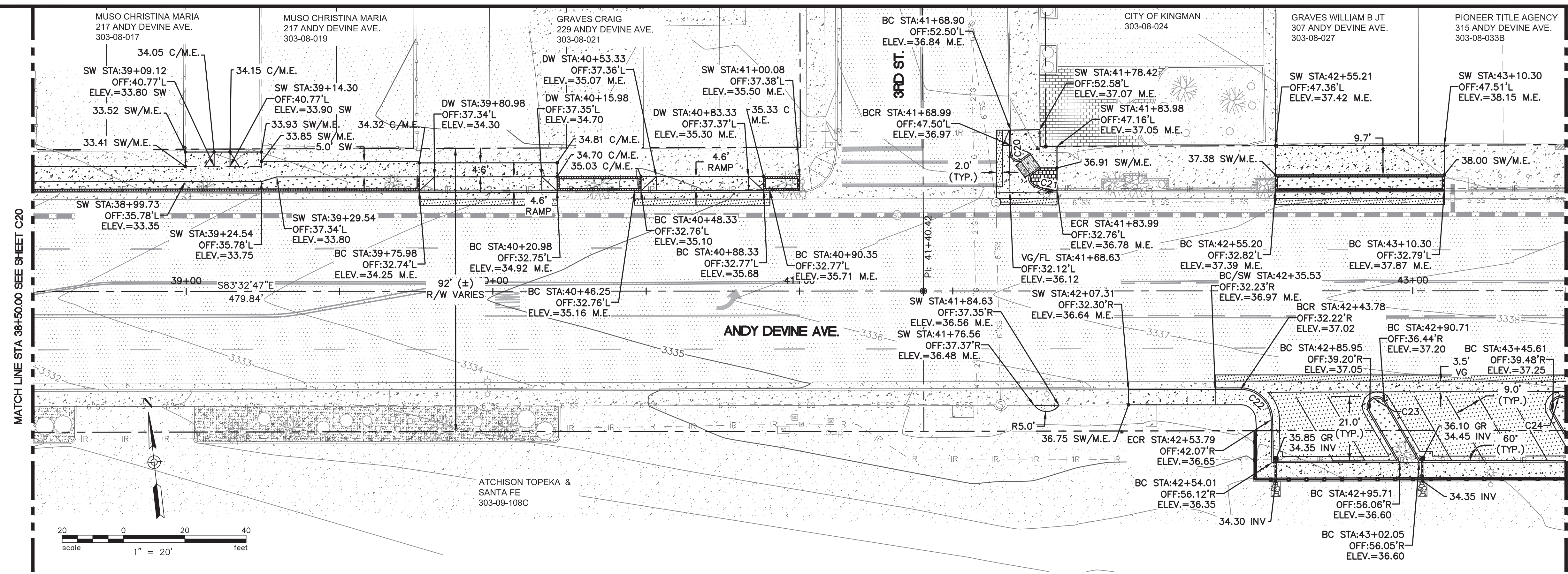
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*Curve Table

Curve #	Length	Radius	Delta
C20	3.32	15.00	12.67
C21	8.14	15.00	31.11
C22	15.56	10.00	89.17
C23	8.64	2.75	180.00
C24	9.42	3.00	180.00
C25	9.36	2.98	180.00
C26	9.42	3.00	180.00
C27	10.50	5.00	120.33
C28	31.32	20.00	89.72
C29	31.37	20.00	89.87
C30	18.86	12.00	90.05

*CURVE DATA IS TOP/BACK OF CURB UNLESS OTHERWISE NOTED.



REVISION DESCRIPTION	BY	DATE	APP.
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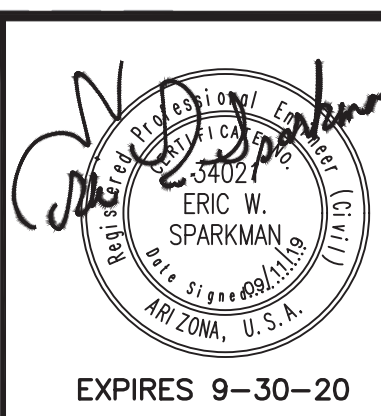
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DATE DRAWN	8/27/19
HORIZ. SCALE	1" = 20'
VERT. SCALE	NONE



ADA IMPROVEMENTS

ANDY DEVINE AVENUE

GRADING-HORZ. CONTROL PLAN STA. 38+50 TO 47+21

C.O.K. PROJECT NO.	ENG-18-0082
FILENAME	180082PP03.dwg
SHEET NO.	C21
	21 OF 21