2015

City of Scottsdale

PUBLIC WORKS CONSTRUCTION MAG UNIFORM STANDARD DETAILS SUPPLEMENT TO for



EFFECTIVE SEPTEMBER 24, 2015

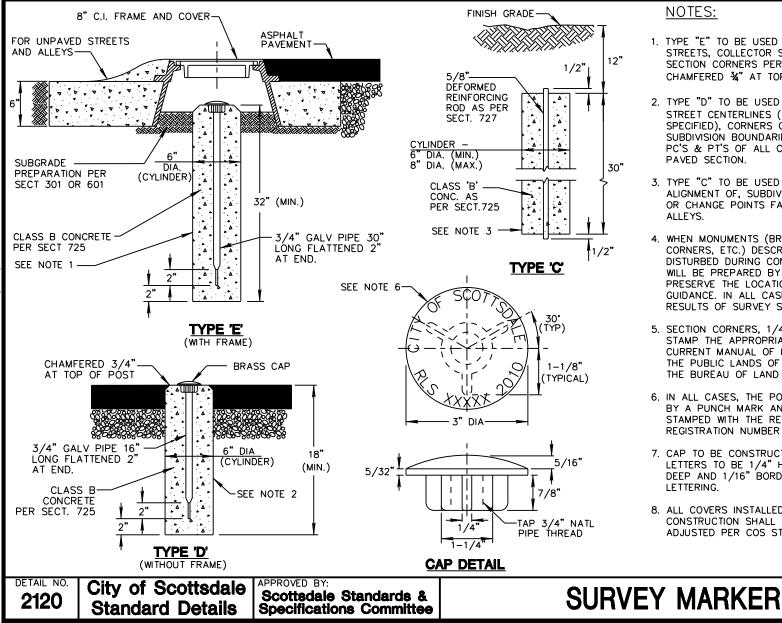
2100 Se	eries Information	2200 S	eries Information	2200 S	Series Information (cont'd)
		2200*	Pavement Replacement		Bus Shelter — Elevation
2120	Survey Marker	2200*	Trench Bedding & Backfill		Bus Shelter - Elevation
2124	Accessible Signage				
2131	Sign Post Installation	2202	Trench Plating		Bus Shelter - Furnature Location
2132*	Raised Pavement Marker Layout	2203-1*	Micro-Trench Pavement Replacement		Bus Shelter - Notes
2133-1		0007 0*	and Backfill		Bus Shelter - Abbreviations
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	Street Name Signs — Type A	2207	Residential Unpaved Road		Bus Shelter - Framing Plan
2134-2*	Street Name Signs — Type B	2210	Grading Behind The Curb		Bus Shelter - Roof Plan
2134-3	Street Name Signs - 18" Metro	2220	Curb And Gutter – Types "A" & "B"		Bus Shelter — Elevation
2134-4	Street Name Signs - 24" Metro	2221	Curb And Gutter – Types "M" & "W"		Bus Shelter - Sections
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2135	Street Name Sign w/Stop Installation	2226	Median Nose Details		[:] Bus Shelter — Details
2136	Advance Street Name Signs	2228	Cut-Off Wall		[:] Bus Shelter — Details
2137	Loop Detectors	2230*	Sidewalk Cutout For Utility Poles		[:] Bus Shelter — Details
2138	Signal Pole Drilling Detail	2231*	Detectable Warning Surface	2264-10	* Bus Shelter – Notes
2139	Traffic Signal Controller Cabinet	2232*	Directional Sidewalk Ramps	2264-11	* Bus Shelter — Abbreviations
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		2257	Commercial/Industrial Driveways-Type CH	2292-2*	Speed Table Details
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REVISED 6/9/15

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2655 Typical Irrigation Wire Connection 2656 Irrigation Wire Sleeving Chart 2680–1 Trail Access Gates 2680–2 Trail Access Gates 2681 Trail Water Bars 2682 Trail Safety Barriers 2683 Trail Signs 2684 Trail Marker Sign DETAIL NO. City of Scottsdale APPROVED BY: Scottsdale Standards &	2034			
2656 Irrigation Wire Sleeving Chart 2680-1 Trail Access Gates 2680-2 Trail Access Gates 2681 Trail Water Bars 2682 Trail Safety Barriers 2683 Trail Signs 2684 Trail Marker Sign DETAIL NO. City of Scottsdale APPROVED BY: Scottsdale Standards &	2655			
2680-1 Trail Access Gates 2680-2 Trail Access Gates 2681 Trail Water Bars 2682 Trail Safety Barriers 2683 Trail Signs 2684 Trail Marker Sign DETAIL NO. City of Scottsdale APPROVED BY: DETAIL NO. 0100 2 Scottsdale				
2680-2 Trail Access Gates 2681 Trail Water Bars 2682 Trail Safety Barriers 2683 Trail Signs 2684 Trail Marker Sign NOTE: * - New Or Revised Detail For 2015 Supplement DETAIL NO. DETAIL NO. OTO 2				
2681 Trail Water Bars 2682 Trail Safety Barriers 2683 Trail Signs 2684 Trail Marker Sign NOTE: * – New Or Revised Detail For 2015 Supplement DETAIL NO. Ofty of Scottsdale Scottsdale Standards &				
2682 Trail Safety Barriers 2683 Trail Signs 2684 Trail Marker Sign NOTE: * – New Or Revised Detail For 2015 Supplement DETAIL NO. City of Scottsdale APPROVED BY: DETAIL NO. OLOG 20 Scottsdale				
2683 Trail Signs 2684 Trail Marker Sign DETAIL NO. City of Scottsdale APPROVED BY: Cottsdale Scottsdale Scottsdale Scottsdale APPROVED BY: Other Standards &				
2684 Trail Marker Sign DETAIL NO. City of Scottsdale APPROVED BY: DETAIL NO. Cottsdale Scottsdale Scottsdale Standards &				
DIO 2 CILY OF SCOLLSUARE Scottsdale Standards & INDEY	2684	Trail Marker Sign	NOTE: * — New Or Revised Detail For 2015	
	DETAIL NO.		INDEX	DETAIL NO. 2100-3

REVISED 6/9/15

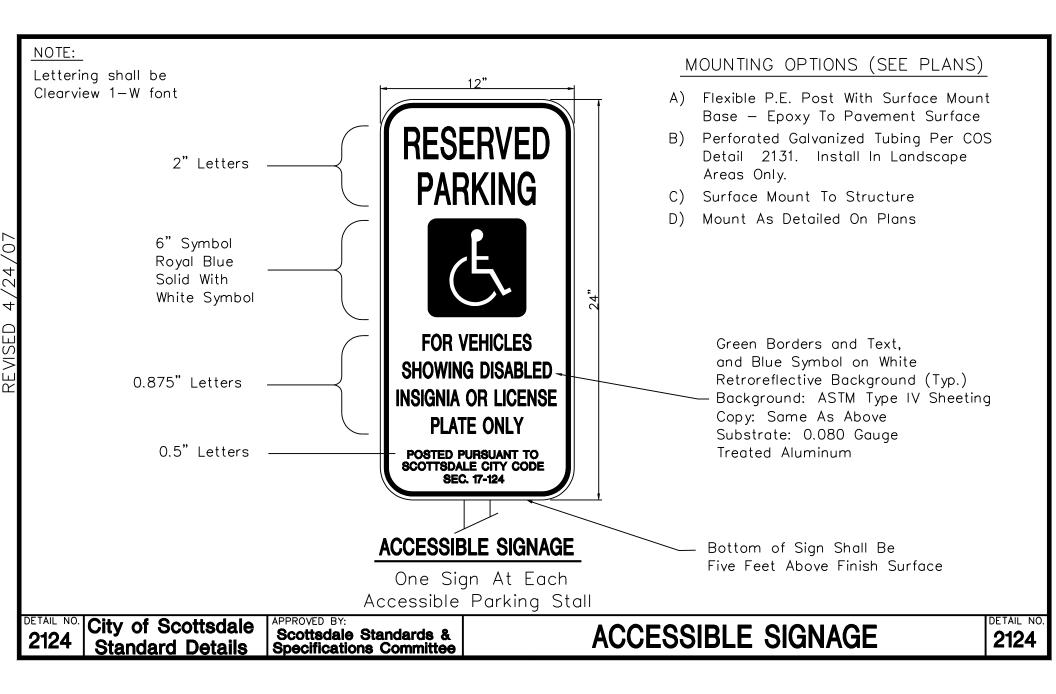


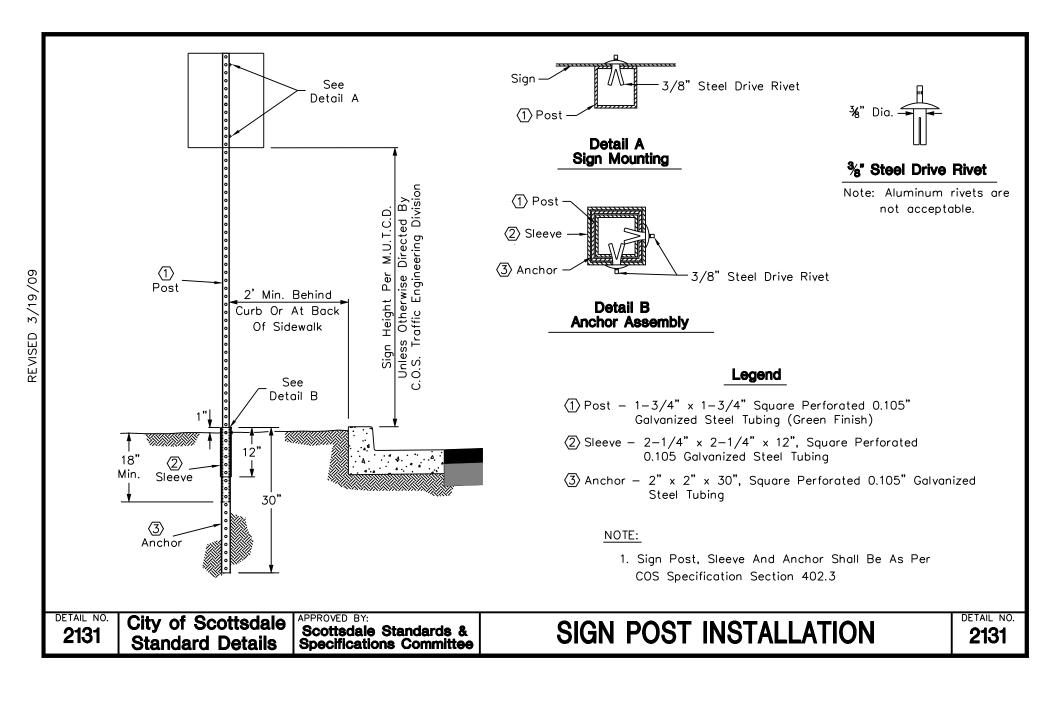
- 1. TYPE "E" TO BE USED AT INTERSECTIONS OF MAJOR STREETS, COLLECTOR STREETS, SECTION AND QUARTER SECTION CORNERS PER ARS 33-103. CONCRETE POST IS CHAMFERED 3/4" AT TOP.
- 2. TYPE "D" TO BE USED AT 1/6TH CORNERS, INTERSECTIONS OF STREET CENTERLINES (EXCEPT WHERE TYPE "E" IS SPECIFIED), CORNERS OR CHANGES IN ALIGNMENT OF SUBDIVISION BOUNDARIES WITHIN THE ASPHALT SECTION, PC'S & PT'S OF ALL CURVES, AND PI'S WHEN WITHIN THE PAVED SECTION.
- 3. TYPE "C" TO BE USED AT CORNERS OF, AND CHANGE IN ALIGNMENT OF. SUBDIVISION BOUNDARIES WHERE CORNERS OR CHANGE POINTS FALL OUTSIDE OF PAVED AREAS OR IN
- 4. WHEN MONUMENTS (BRASS CAP, HAND HOLE AND SECTION CORNERS, ETC.) DESCRIBED IN NOTES #1, #2 & #3 WILL BE DISTURBED DURING CONSTRUCTION, A "RESULTS OF SURVEY" WILL BE PREPARED BY A REGISTERED LAND SURVEYOR TO PRESERVE THE LOCATION. SEE MAG SECTION 405 FOR GUIDANCE. IN ALL CASES WHEN MONUMENTS ARE "SET", A RESULTS OF SURVEY SHALL BE RECORDED.
- 5. SECTION CORNERS, 1/4 CORNERS AND WHEN APPLICABLE, STAMP THE APPROPRIATE PUBLIC LAND MARKINGS PER CURRENT MANUAL OF INSTRUCTIONS FOR THE SURVEY OF THE PUBLIC LANDS OF THE UNITED STATES, PREPARED BY THE BUREAU OF LAND MANAGEMENT,
- 6. IN ALL CASES, THE POINT SURVEYED SHALL BE IDENTIFIED BY A PUNCH MARK AND IN ADDITION THE CAP SHALL BE STAMPED WITH THE REGISTERED LAND SURVEYOR (RLS) REGISTRATION NUMBER AND YEAR.
- 7. CAP TO BE CONSTRUCTED OF RED BRASS OR BRONZE. LETTERS TO BE 1/4" HIGH, APPROX. 1/32" WIDE, 1/32" DEEP AND 1/16" BORDER FROM EDGE OF CAP TO TOP OF
- 8. ALL COVERS INSTALLED, ADJUSTED OR REPLACED DURING CONSTRUCTION SHALL READ "SURVEY" PER MAG 270 AND ADJUSTED PER COS STANDARD DETAIL 2270.

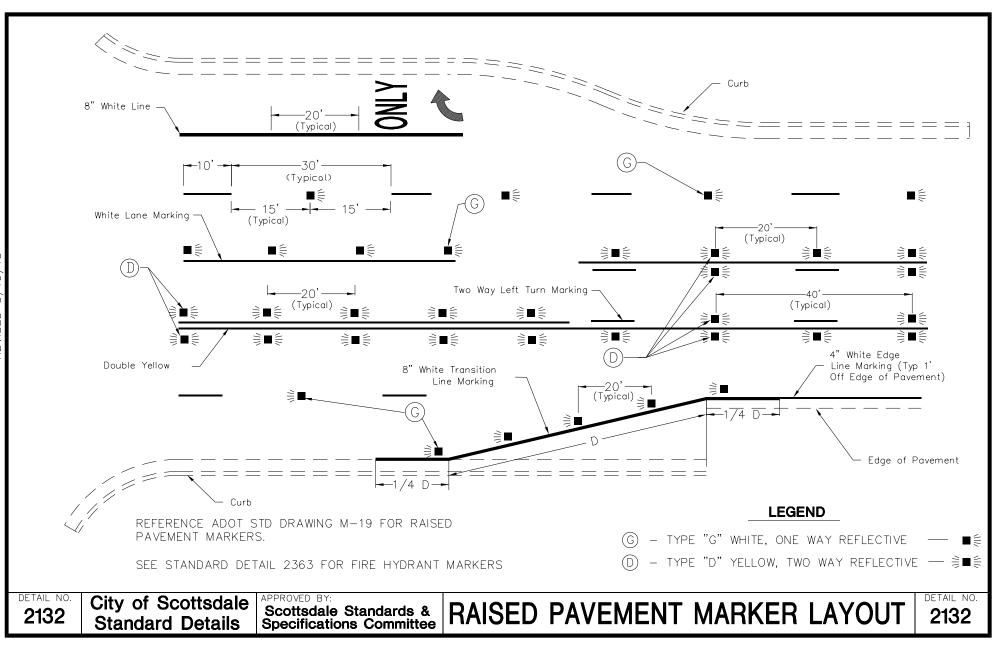
3/31, NEW

10

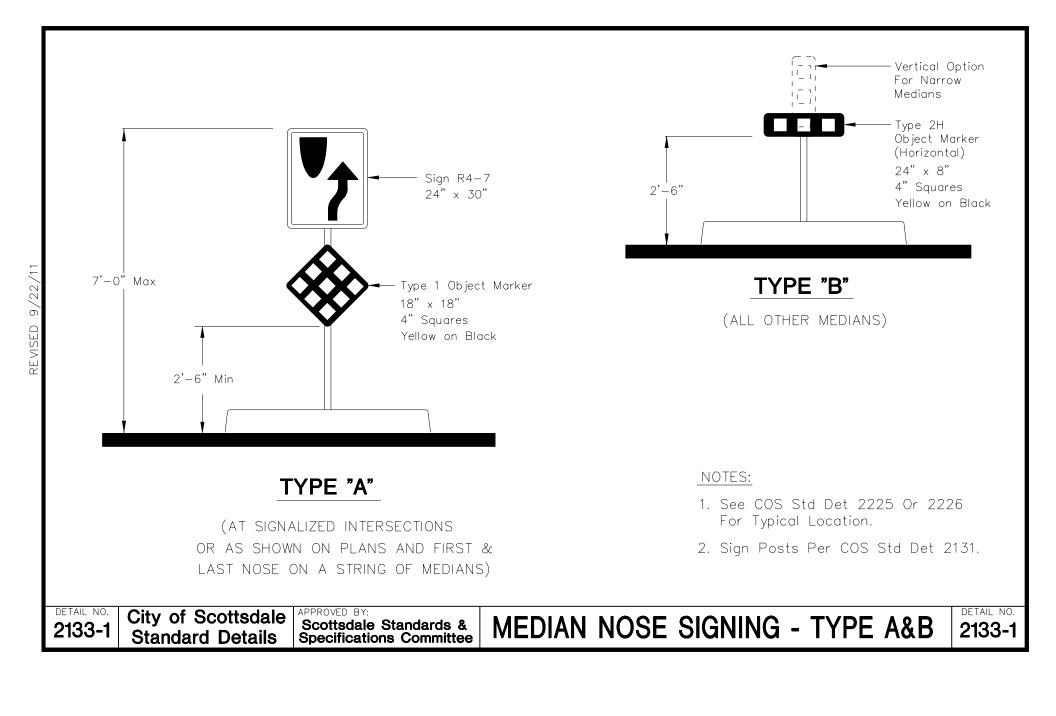
DETAIL NO. 2120

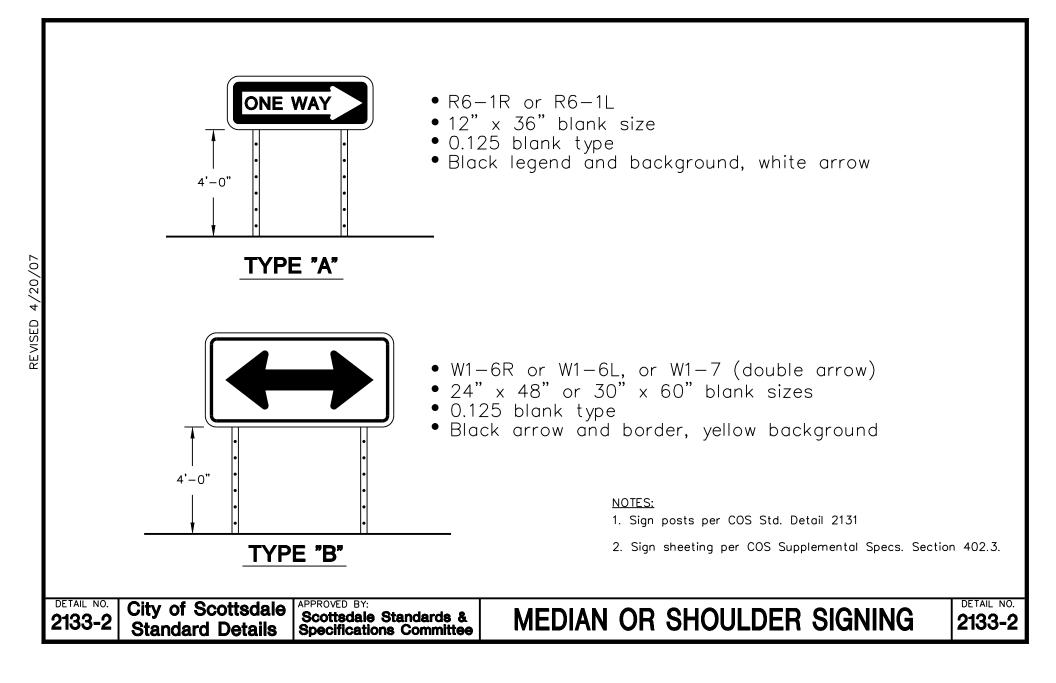


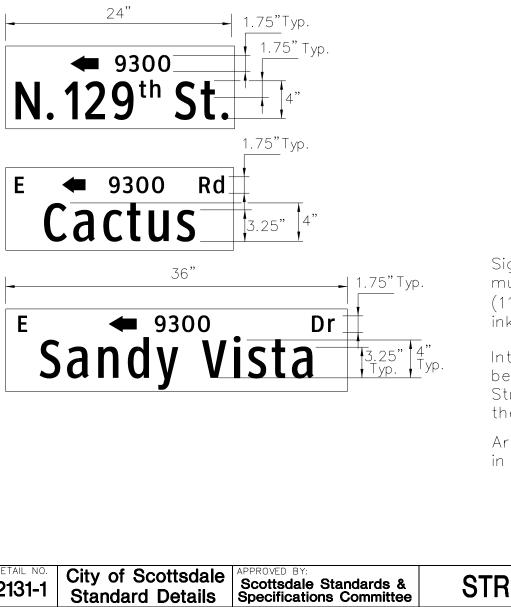




REVISED 5/19/15







TYPE A SIGNS

ASTM Type IV Sheeting Green/White (2 Sides) Typeface: Clearview 2W, (Longer names may require using 1W font) Blank Sizes: 9"x 24", 30", 36", 42"

Blank Type: .091 extruded aluminum

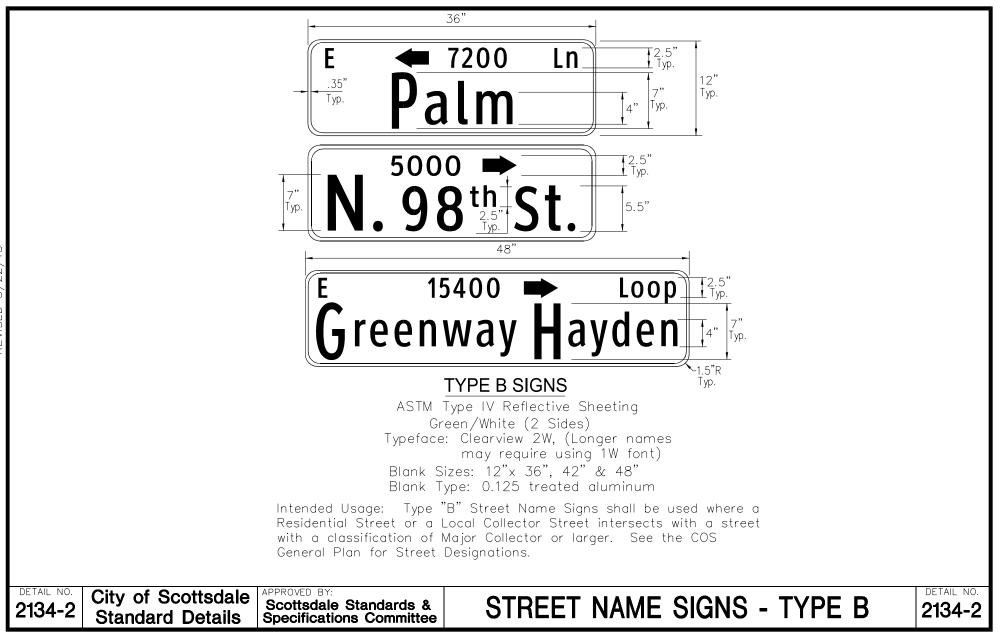
Sign imaging: must meet FWHA standards and must be acrylic based electronic cuttable film (1170 series or equivalent) or silk screen ink. All inks and films shall be graffiti resistant.

Intended Usage: Type "A" Street Name Signs shall be used in residential areas where Residential Streets intersect with Local Collector Streets. See the COS General Plan for Street Designations.

Arrows on sign panels typically point north or east in the direction of increasing address number.

STREET NAME SIGNS - TYPE A







18" METRO SIGNS

Proposed ASTM Type XI Reflective Sheeting Green/White (1 Side) Typestyle: Clearview 2-W or 3-W Blank Sizes: 18" x 48", 18" x 60", 18" x 72" Blank Type: 0.080 Treated Aluminum Intended Usage: 18" Metro Street Name Signs shall be

used on signnalized minor roads with a speed limit of 35MPH or lower. See the COS General Plan for Street Designations.

Arrows on sign panels typically point north or east in the direction of increasing address number.

SIGN FORMAT EXAMPLE FOR OPPOSING TRAFFIC

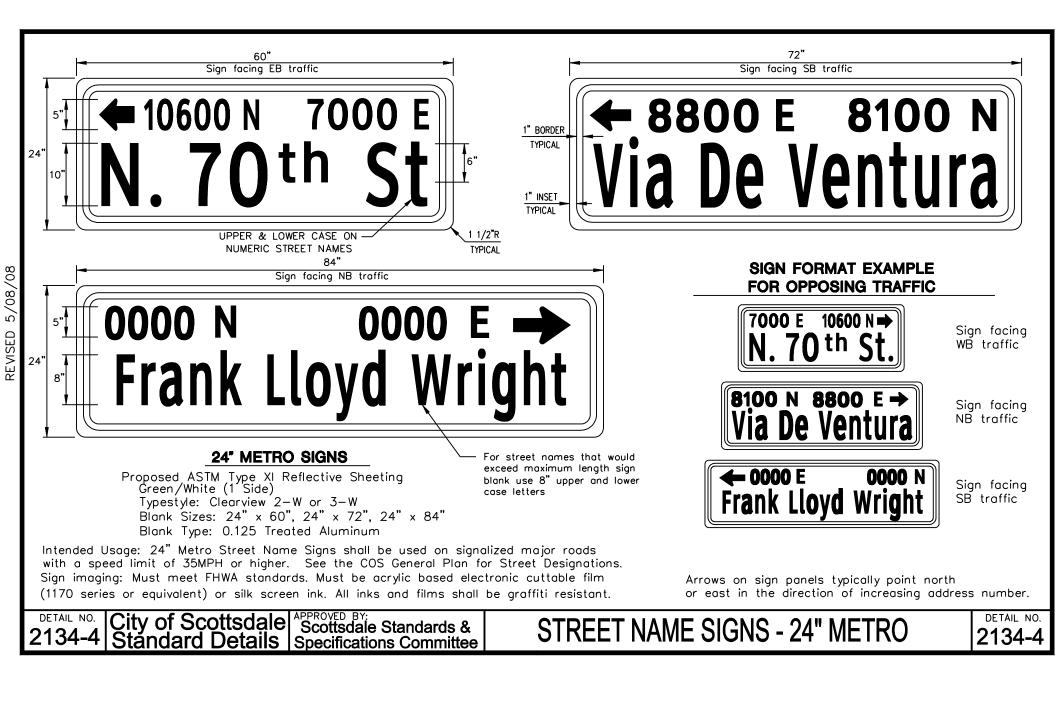


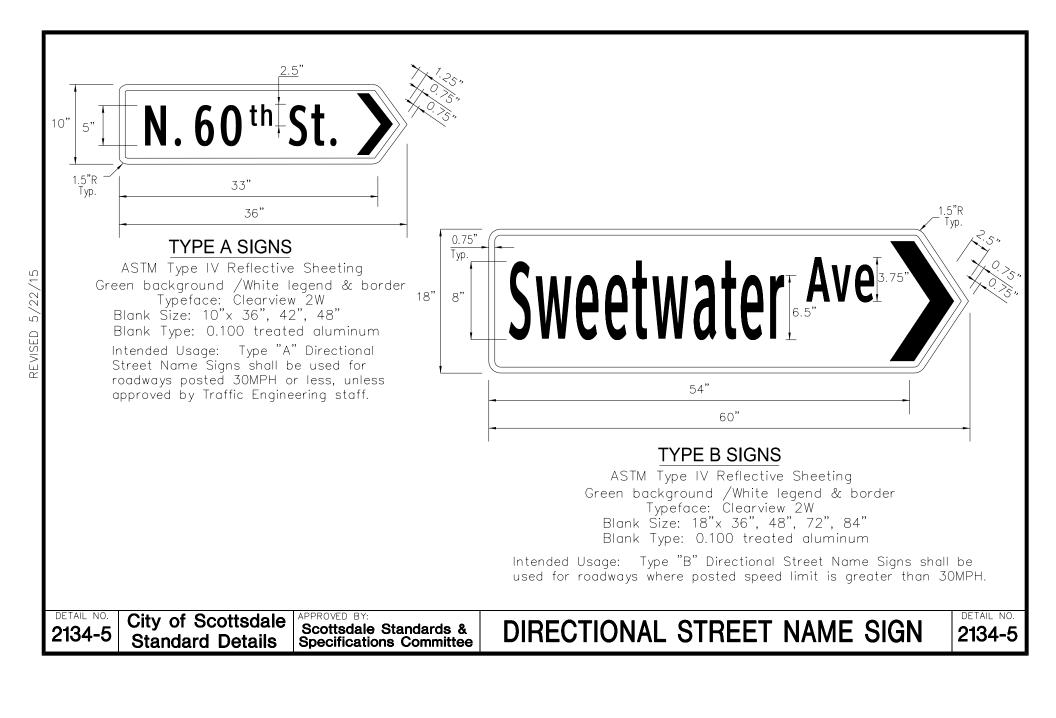
Sign facing SB traffic

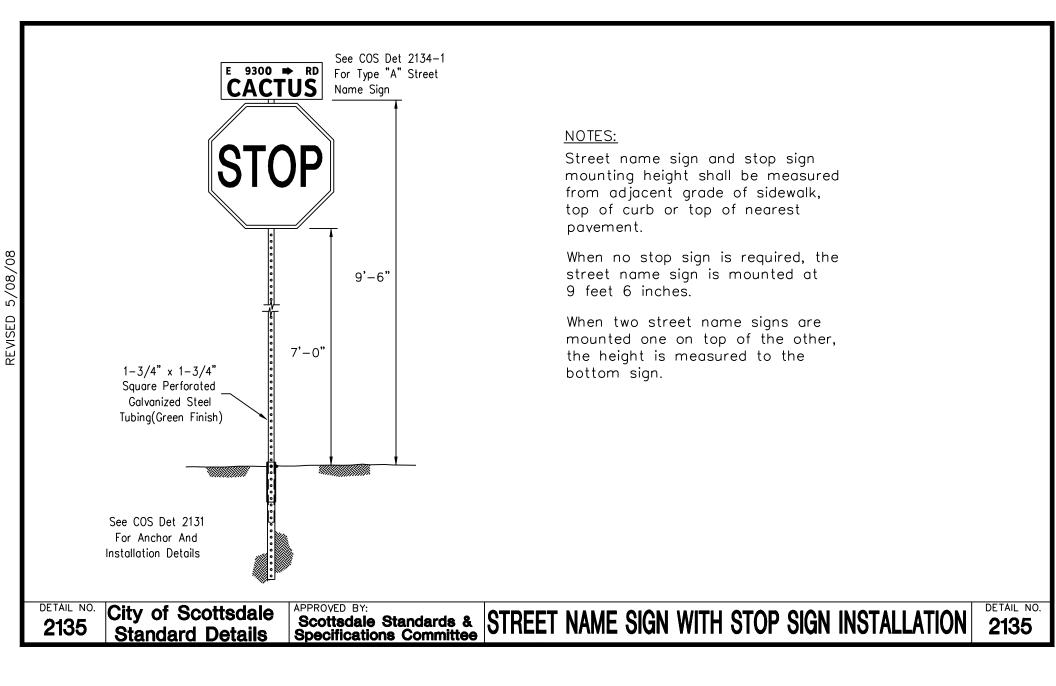
REVISED 5/08/08

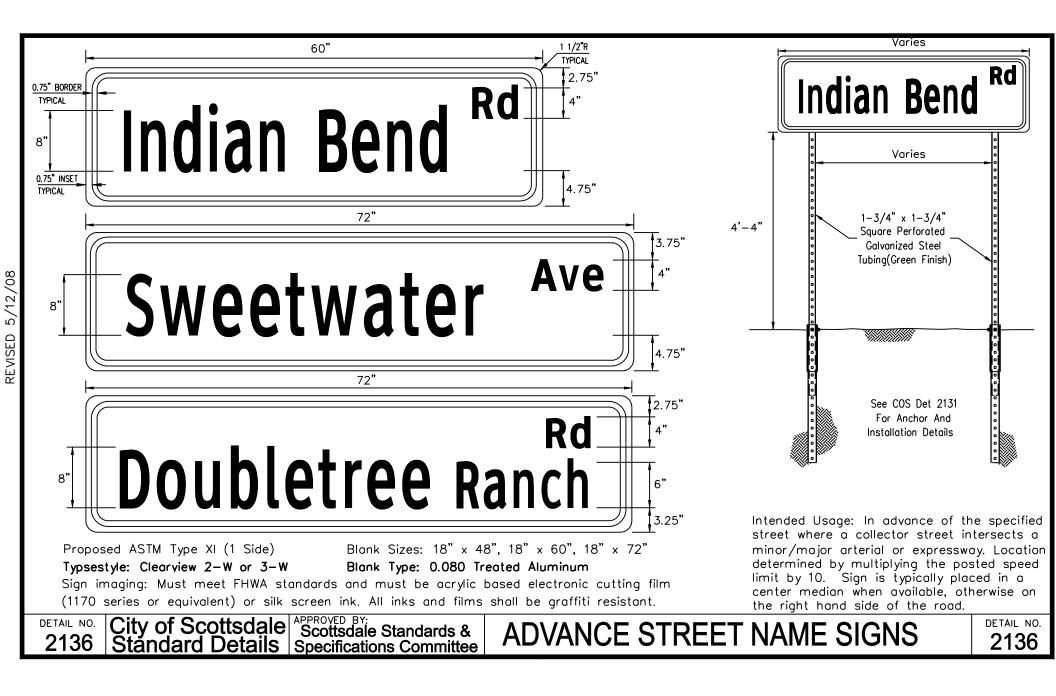
STREET NAME SIGNS - 18" METRO

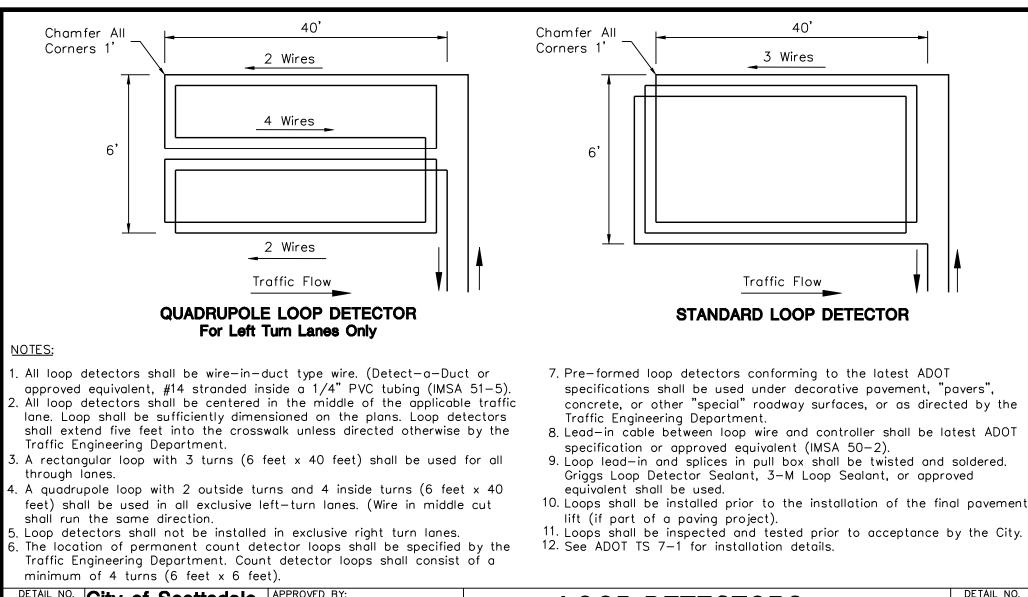








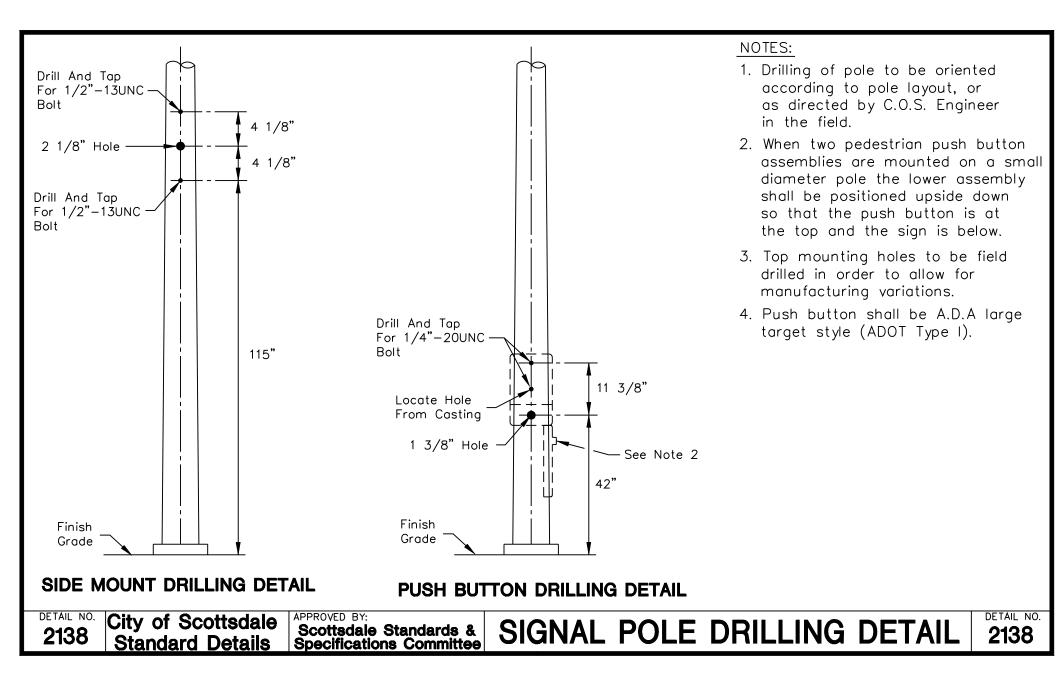


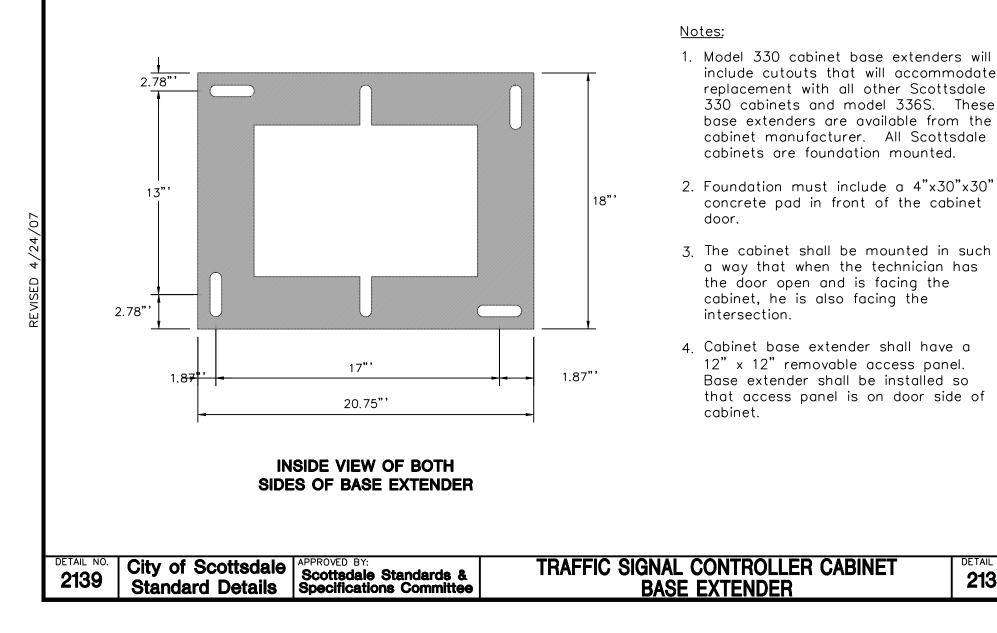


0107	City of Scottsdale	Scottsdale Standards &
2137	Standard Details	Specifications Committee

LOOP DETECTORS

DETAIL NO. **2137**





DETAIL NO.

2139

Slot 1	Slot 2	Slot 3	Slot 4	Slot 5	Slot 6	Slot 7	Slot 8	Slot 9	Slot 10	Slot 11	Slot 12	Slot 13	Slot 14
1 AB Ph 1	3 AB Ph 2	5 AB Ph 3	7 AB Ph 4	9 AB Ph 5	11 AB Ph 6	13 AB Ph 7	15 AB Ph 8	17 AB 1 PPB	19 AB 3 PPB	21 AB RRPre	23 AB AdvEn		27 AE Stop Time
2 AB Ph 1	4 AB Ph 2	6 AB Ph 3	8 AB Ph 4	10 AB Ph 5	12 AB Ph 6	14 AB Ph 7	16 AB Ph 8	18 AB 5 PPB	20 AB 7 PPB	22AB Flash	24 AB Adv	26 AB EV B	28 AE 6 Cal
Det Loops	Det Loops	Det Loops	Det Loops	Det Loops	Det Loops	Det Loops	Det Loops	Ped Push Buttons	Ped Push Buttons			Pre- Empt	Slot 14 Slot 14

- 1. All Scottsdale model 330 cabinet input racks have 14 slots.
- 2. Slots 1-8 are for vehicle detector loops.
- 3. Phase 4 loops are terminated on slot 4 (7A&B and/or 8A&B).
- 4. Phase 4 pedestrian push button is terminated on 19A and ppb neutral on 19B.
- 5. 19B shall have a jumper to the neutral bar.
- 6. All two phase intersections are to be wired to phases 2 and 4.
- 7. Field output wiring for 2 phase signals shall be wired to 2R, 2Y, 2G and 4R, 4Y, 4G.
- 8. Ped field wiring shall be wired to 9R, 9G (Phase 2 Ped) and 10R, 10G (Phase 4 Ped).
- 9. Call COS Traffic Signals (480)312-5635 prior to wiring cabinet for instructions for intersections with more than 2 phases.

DETAIL NO. **2140**

City of Scottsdale Standard Details APPROVED BY: Scottsdale Standards & Specifications Committee

MODEL 330 INPUT RACK WIRING INSTRUCTIONS

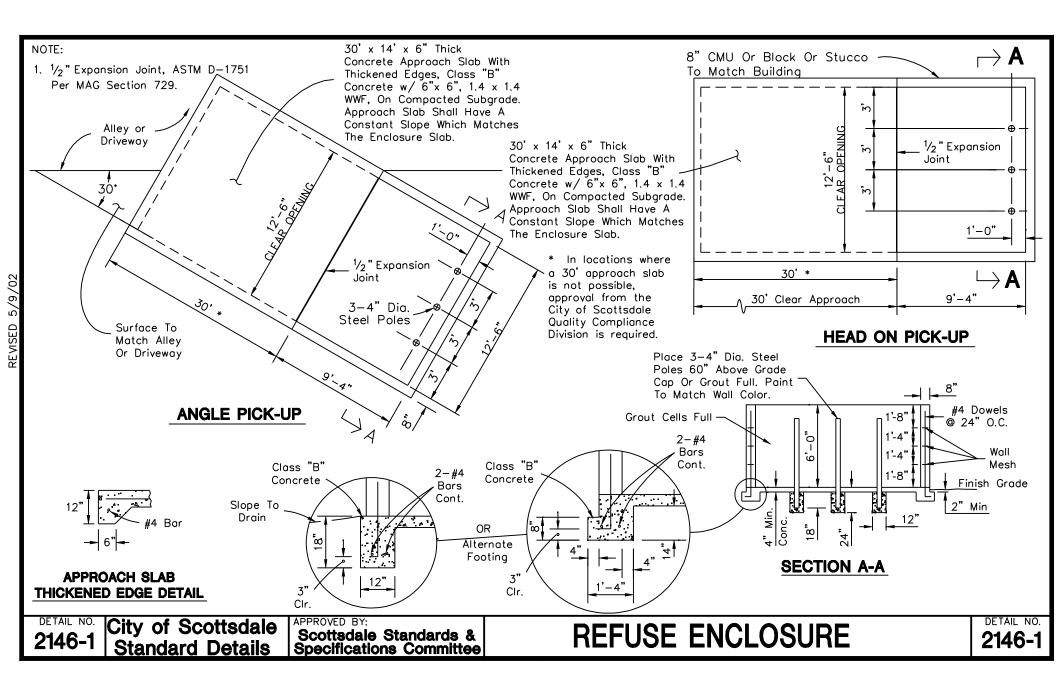
DETAIL NO. **2140**

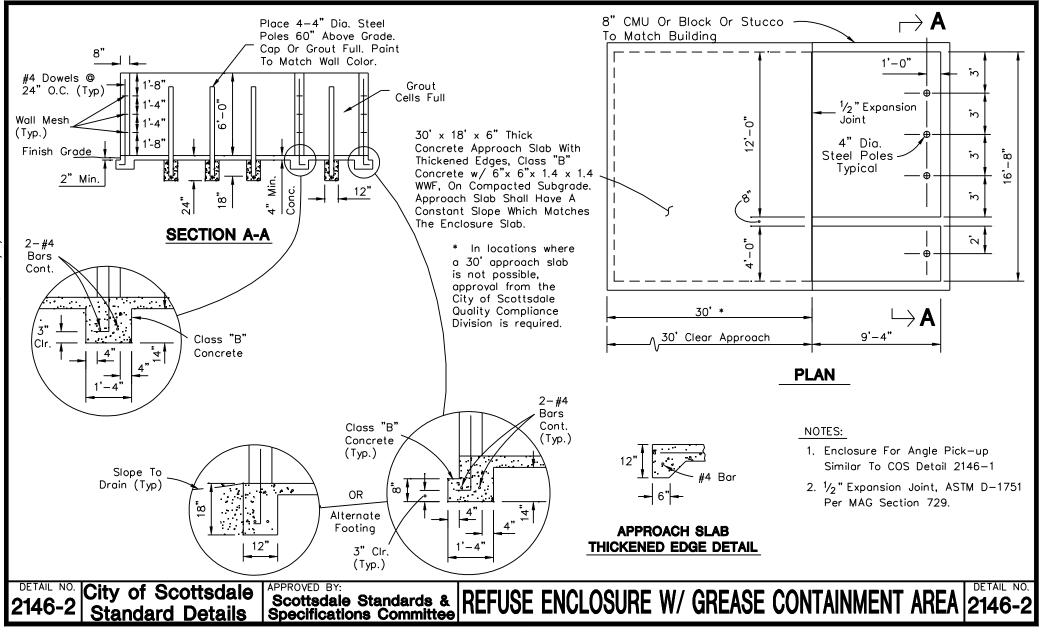
MAIN DIRECTIONS			N DIRECTIONS color + White)		RN DIRECTIONS Color + Black)	Color Of Wire For Power/Neutrals/Pushbuttons		
Direction	Color	Direction	Color	Direction	Color	Wire	Color	
WB	Blue	WBLT	Blue + White	WBRT	Blue + Black	AC+ Power	Black	
EB	Green	EBLT	Green + White	EBRT	Green + Black	AC- (Neutral)	White	
NB	Red	NBLT	Red + White	NBRT	Red + Black	24V Pushbutton	Orange, Stranded	
SB	Yellow	SBLT	Yellow + White	SBRT	Yellow + Black			

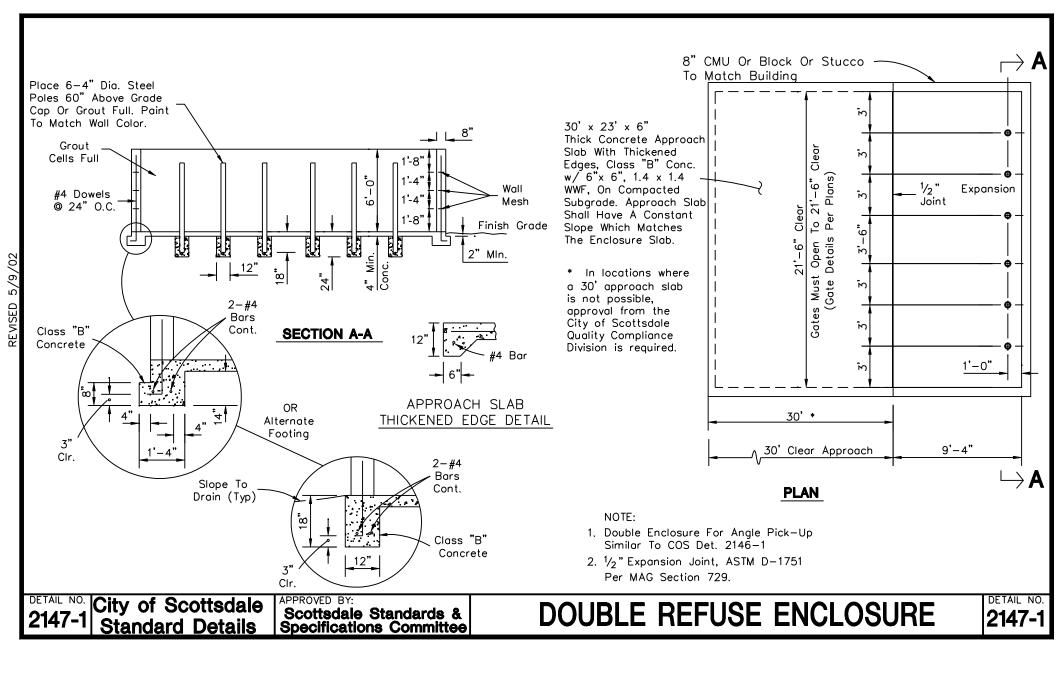
WBLT = West Bound Left Turn and shall be the phase for vehicles facing west and turning to south EBLT = East Bound Left Turn and shall be the phase for vehicles facing east and turning to north NBLT = North Bound Left Turn and shall be the phase for vehicles facing north and turning to west SBLT = South Bound Left Turn and shall be the phase for vehicles facing south and turning to east

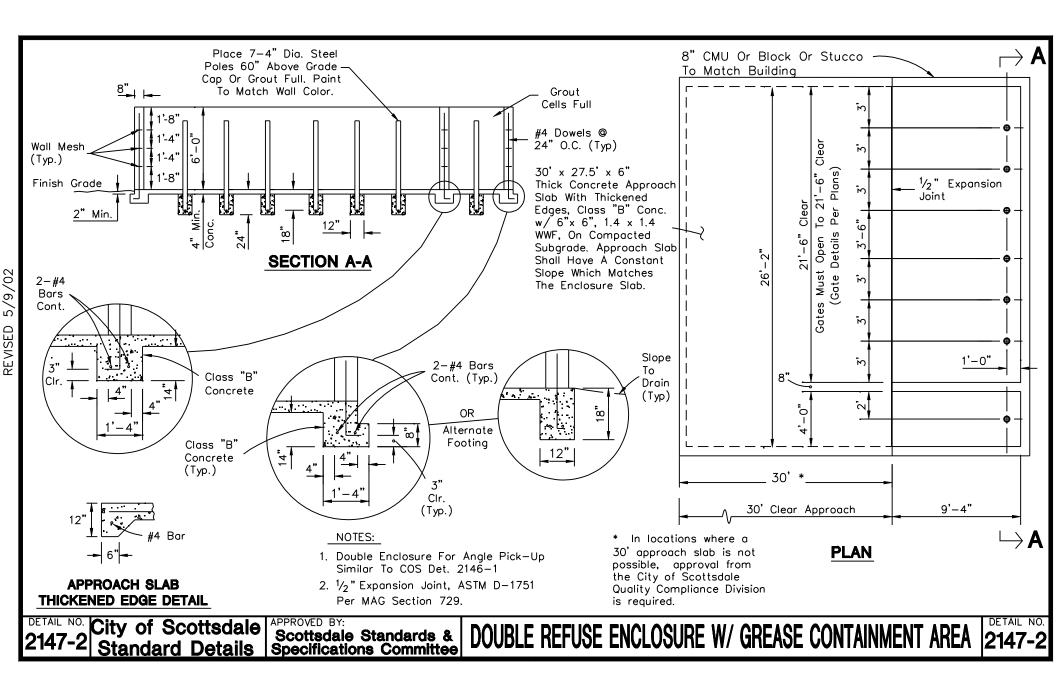
WBRT = West Bound Right Turn and shall be the phase for vehicles facing west and turning to north EBRT = East Bound Right Turn and shall be the phase for vehicles facing east and turning to south NBRT = North Bound Right Turn and shall be the phase for vehicles facing north and turning to east SBRT = South Bound Right Turn and shall be the phase for vehicles facing south and turning to west

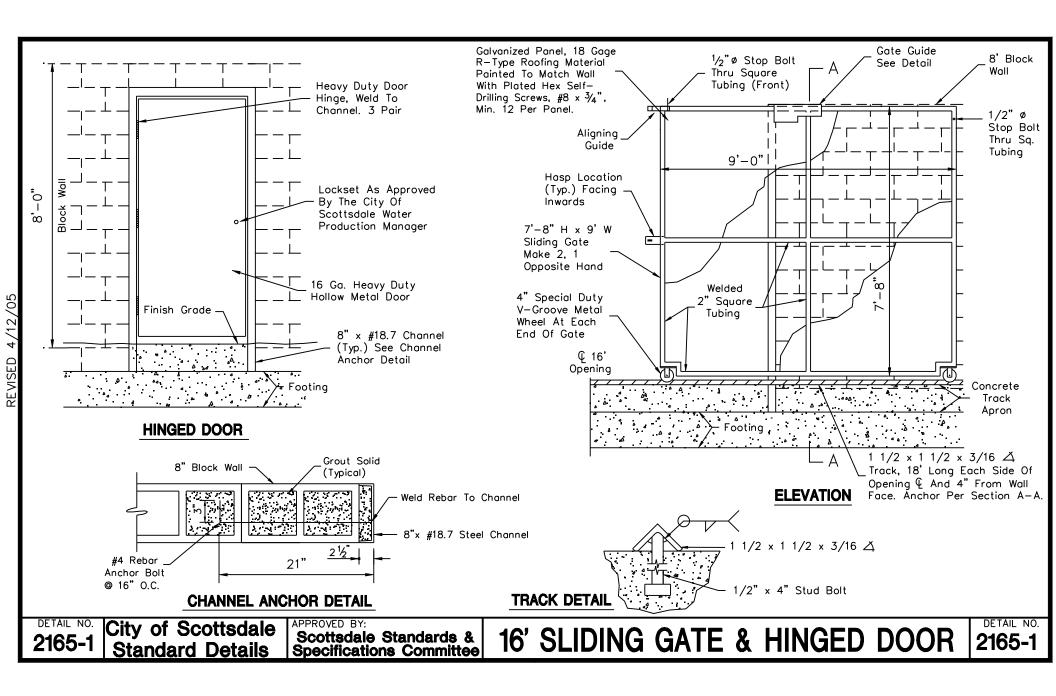
2141 City of Scottsdale Scottsdale Standards & Specifications Committee TAPE COLOR CODES FOR TRAFFIC SIGNAL WIRING 2141

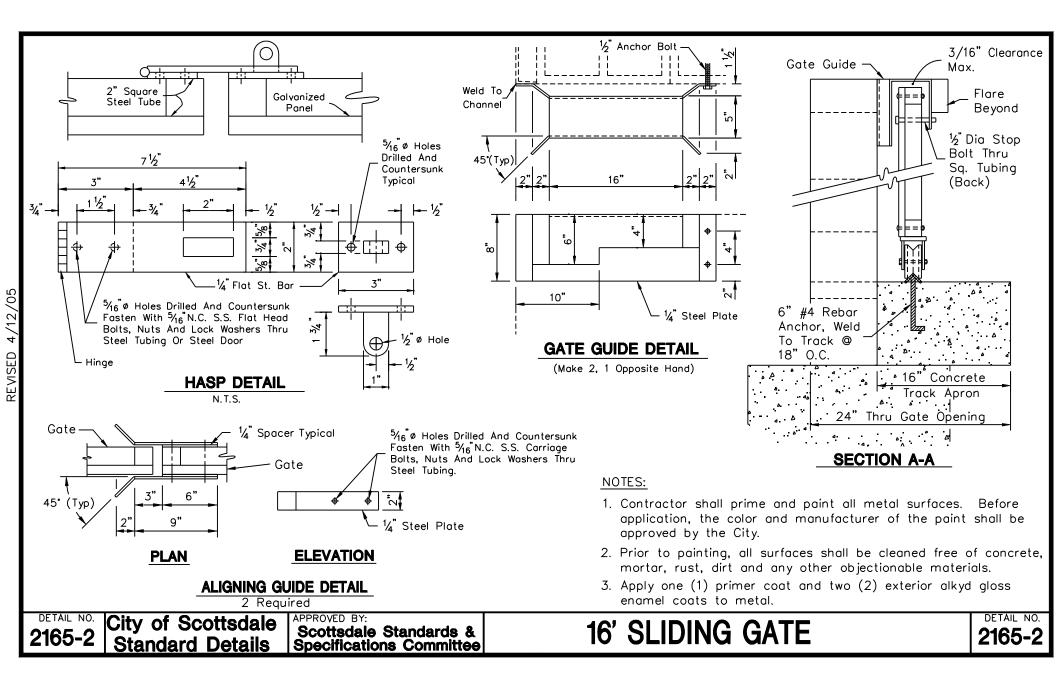


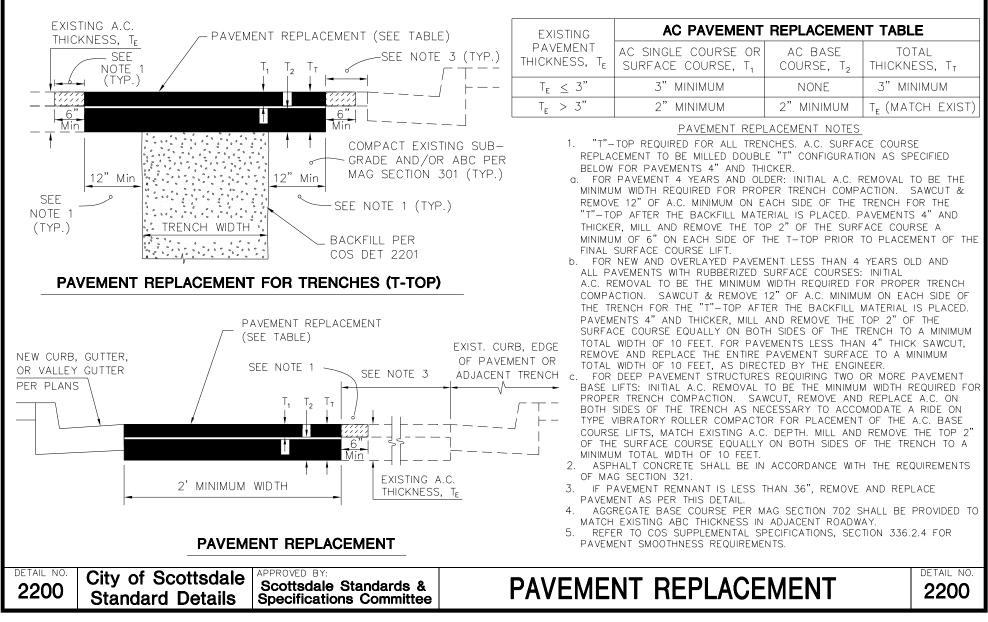




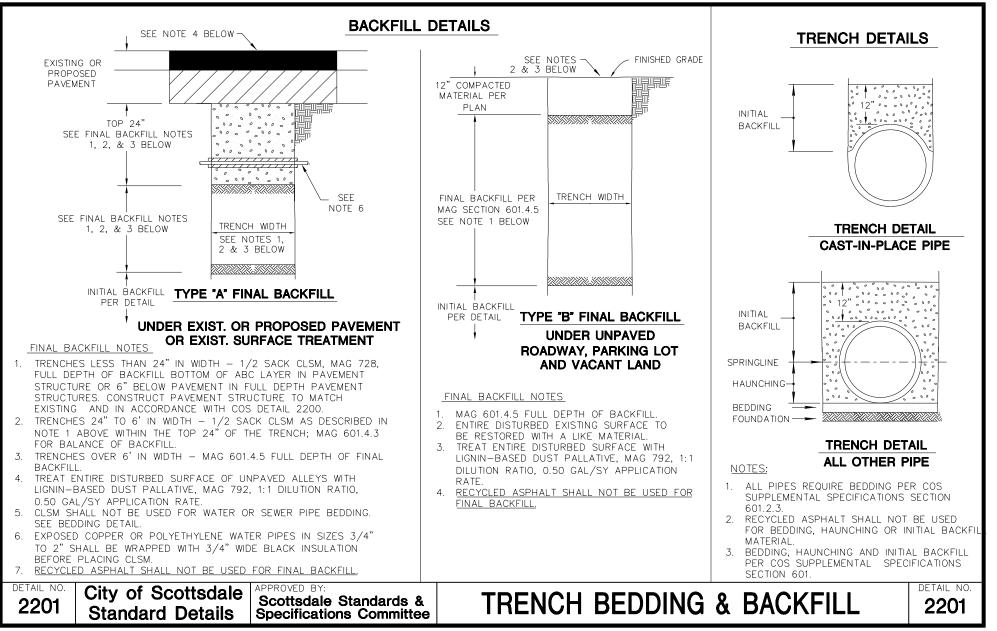




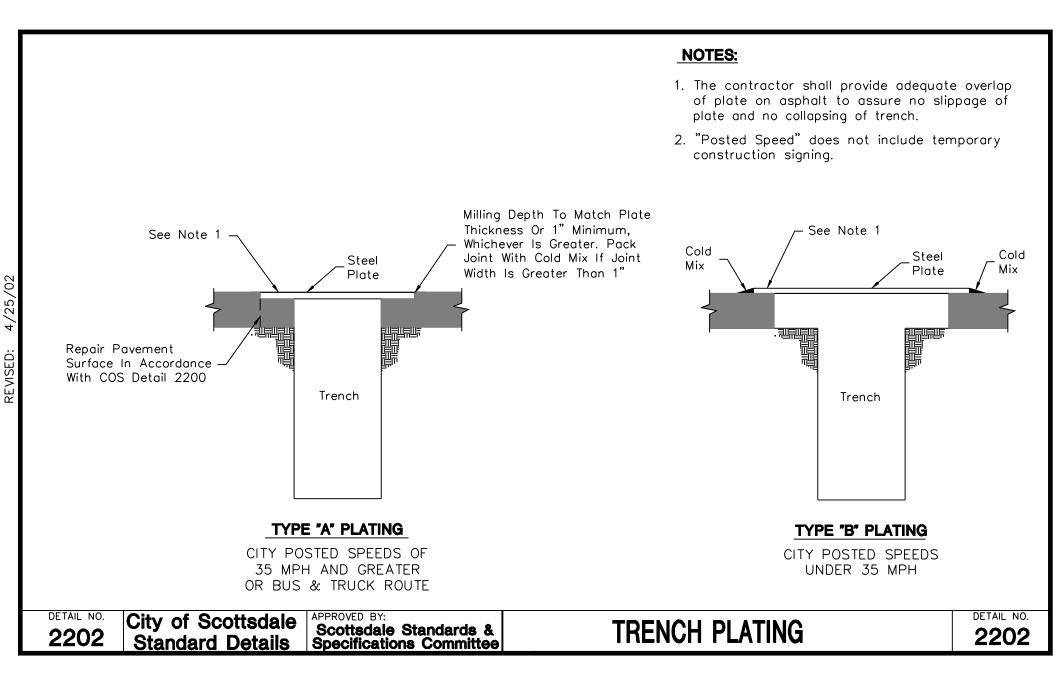


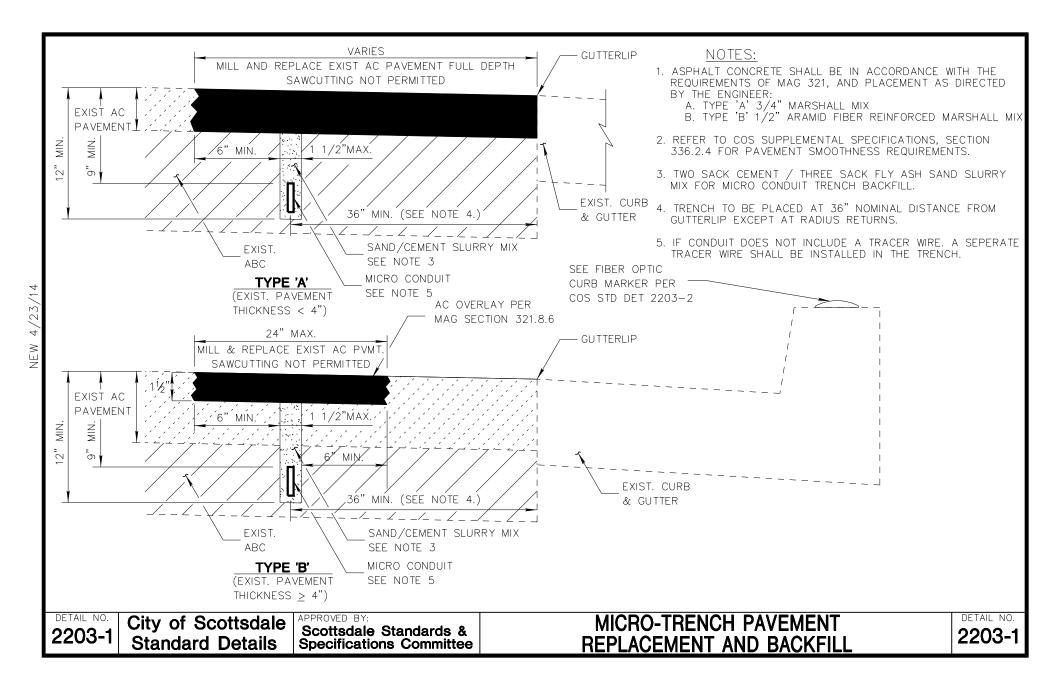


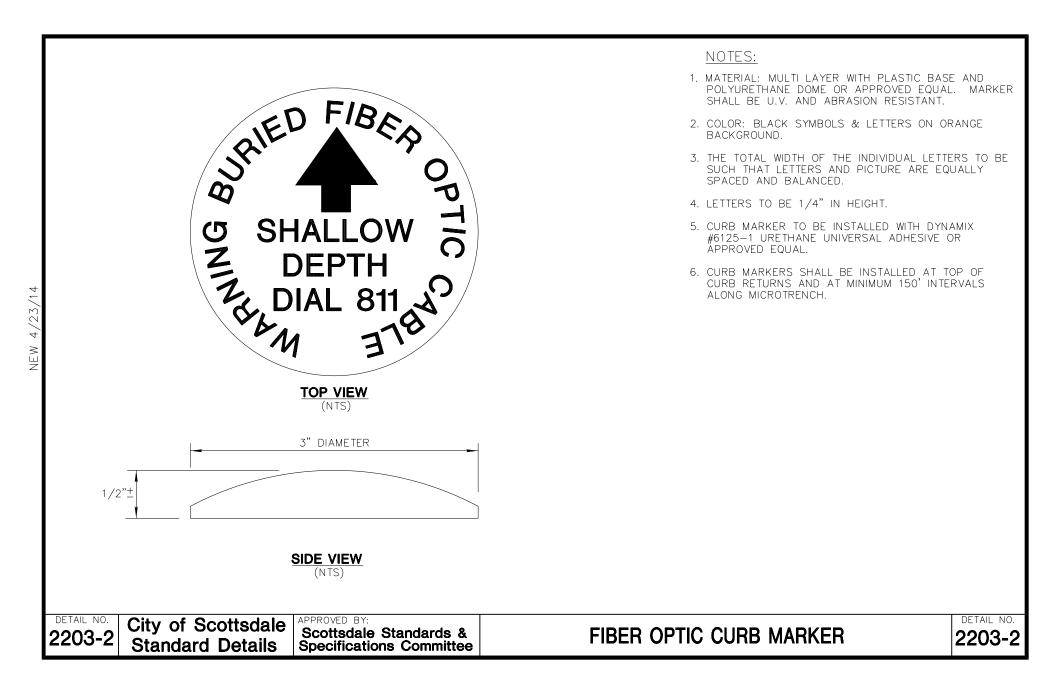
REVISED 5/23/15

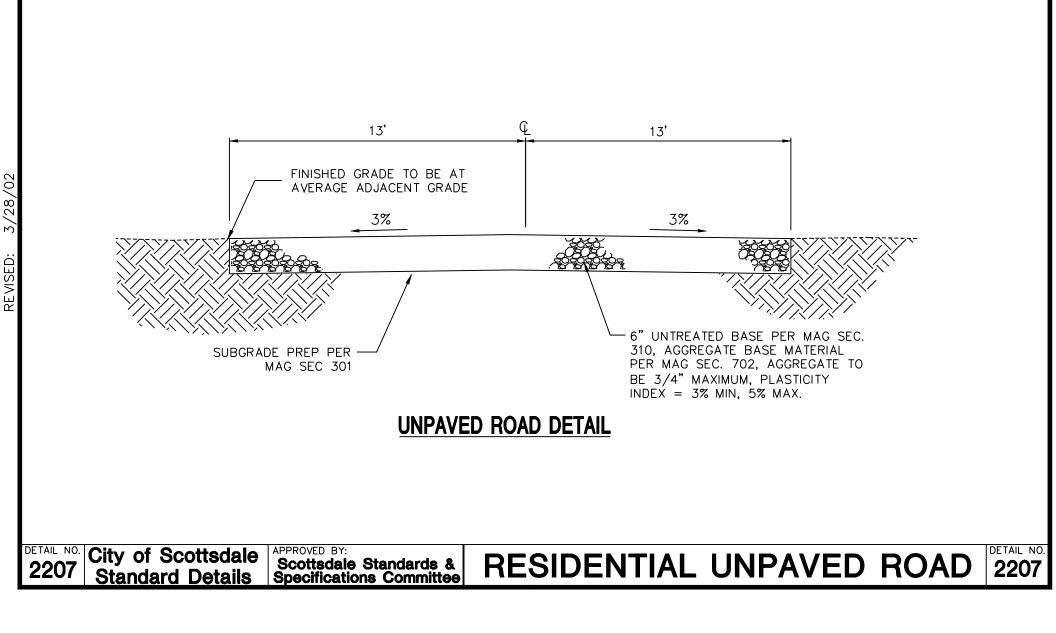


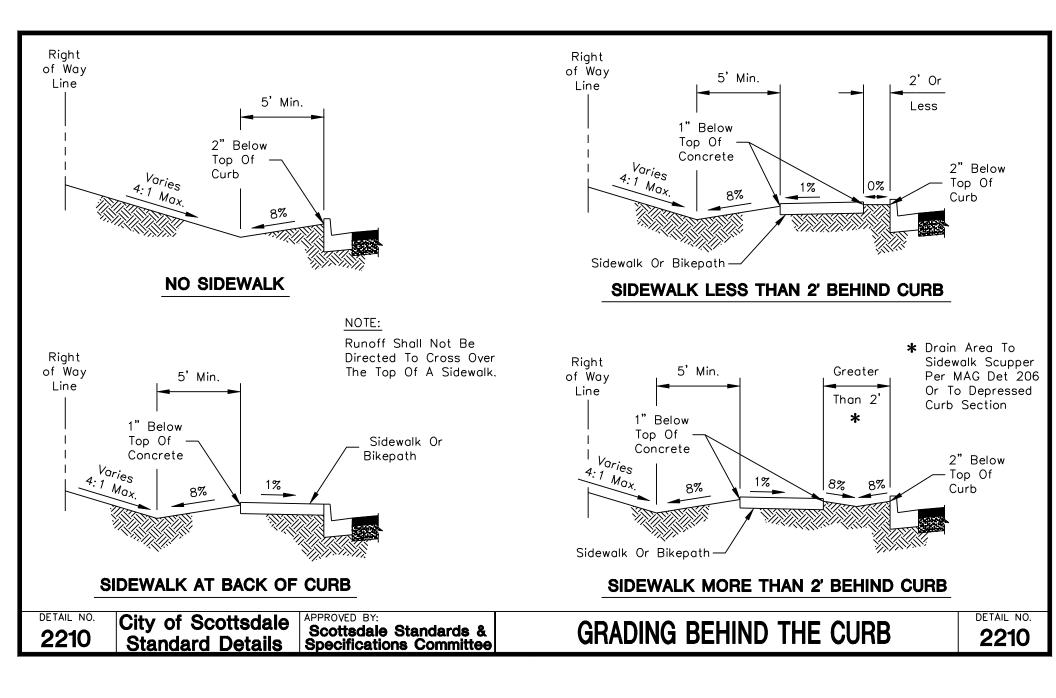
REVISED 5/27/15

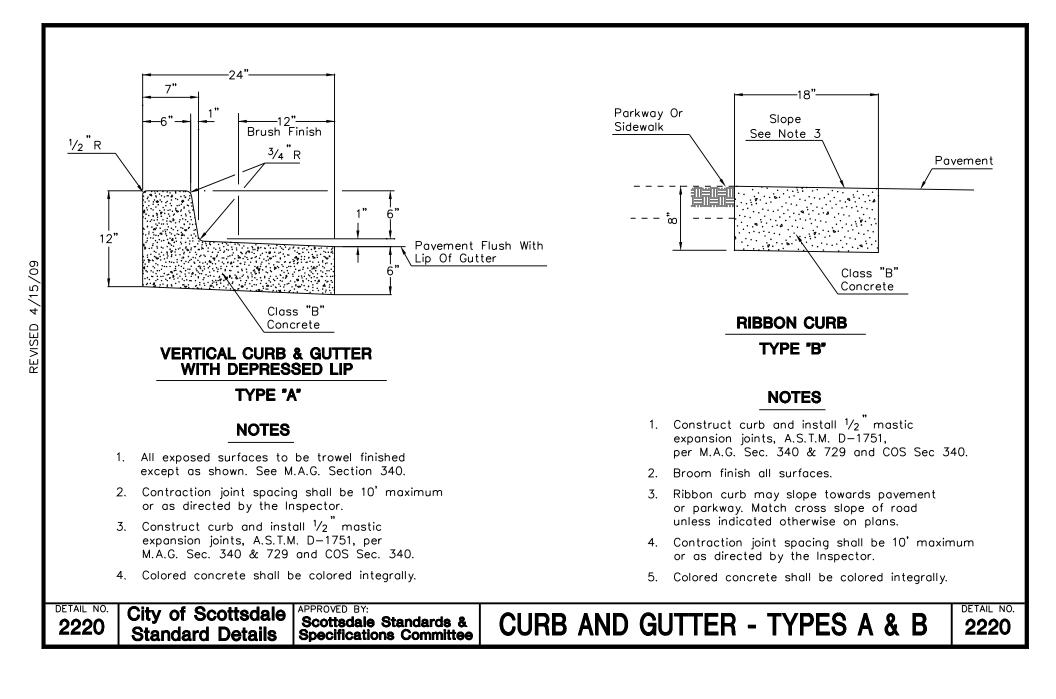


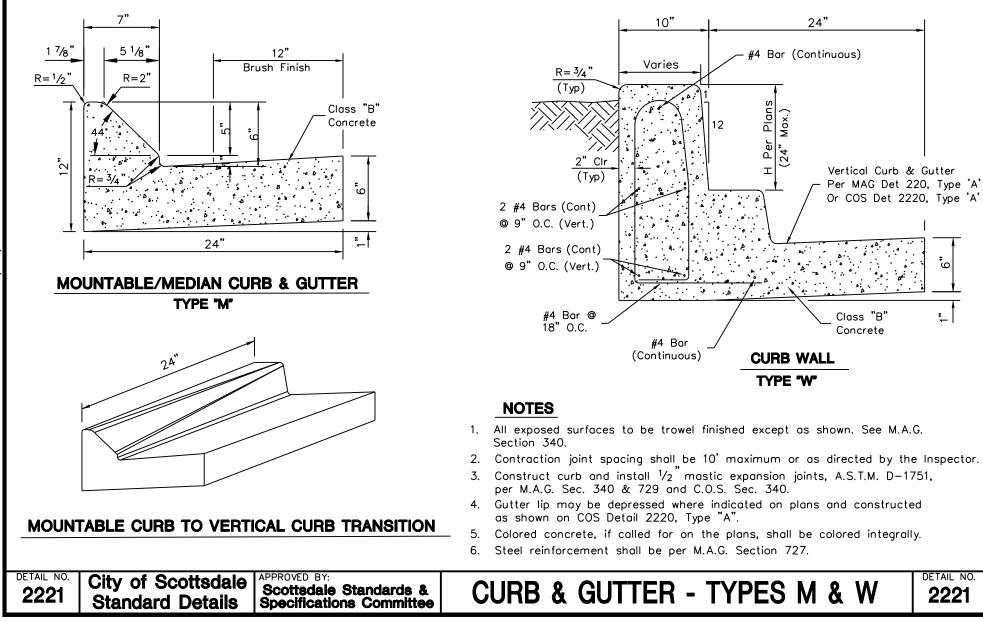


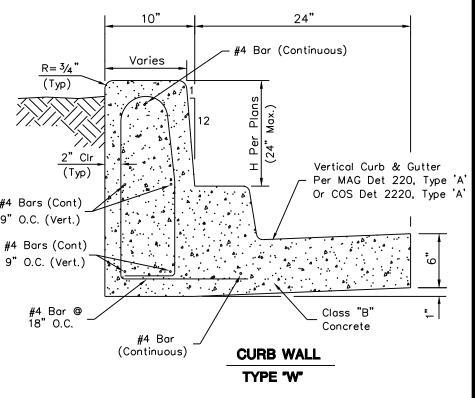








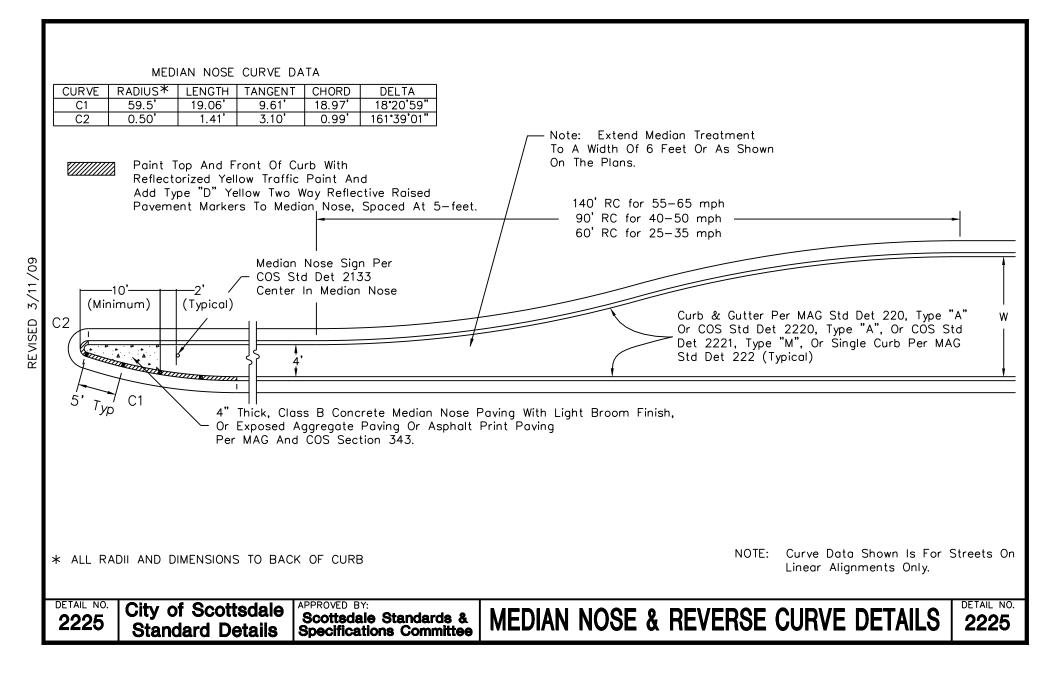


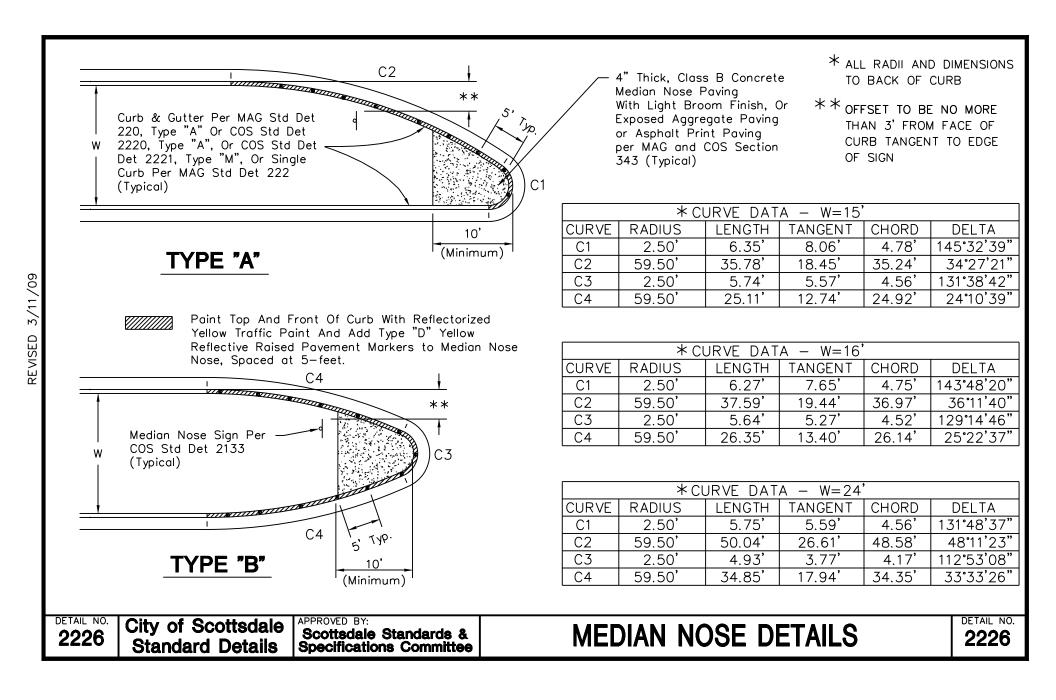


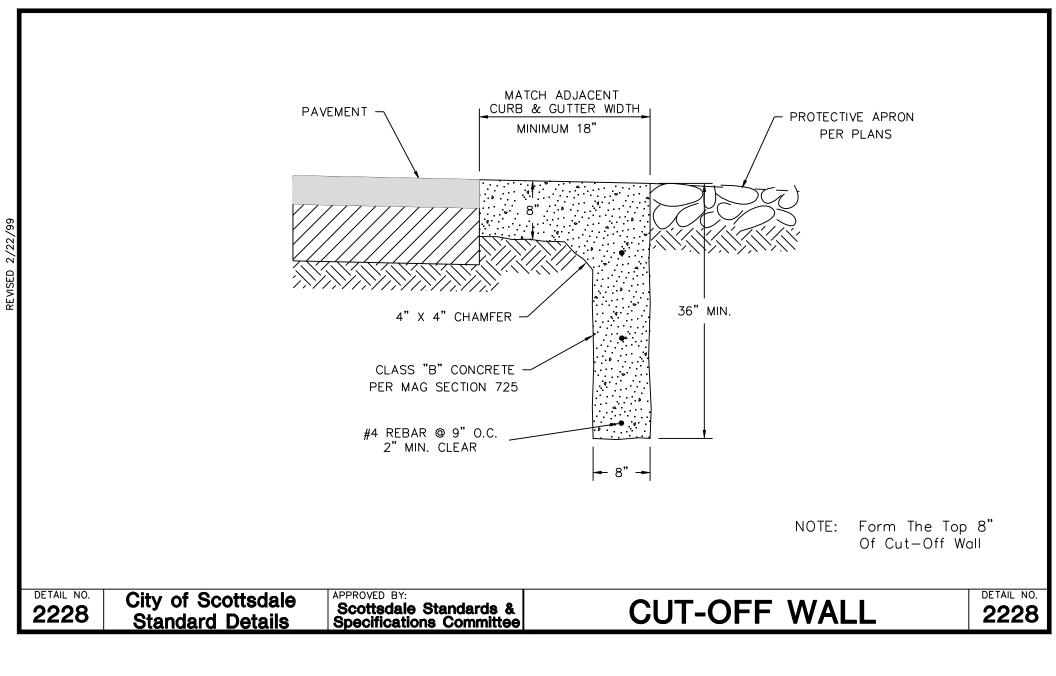
DETAIL NO.

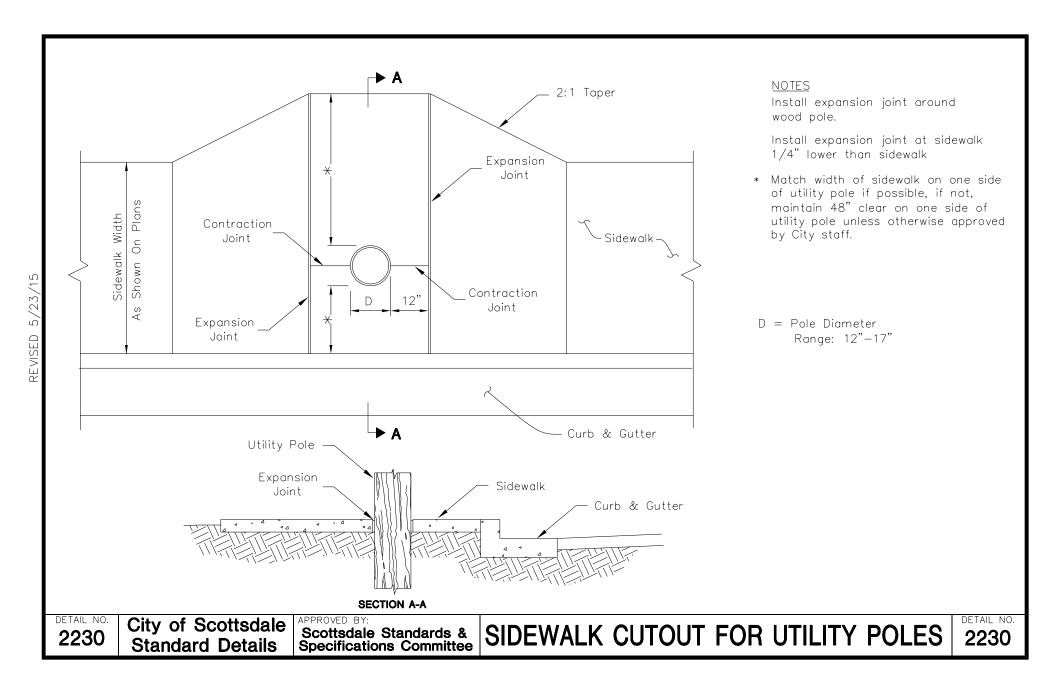
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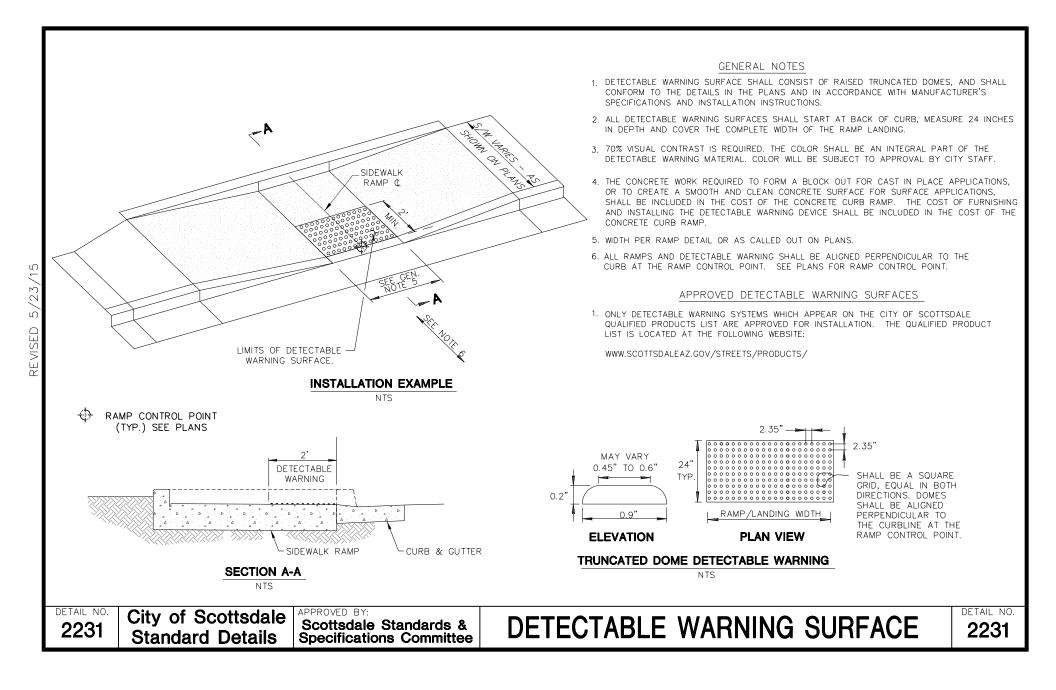
REVISED 4/15/09

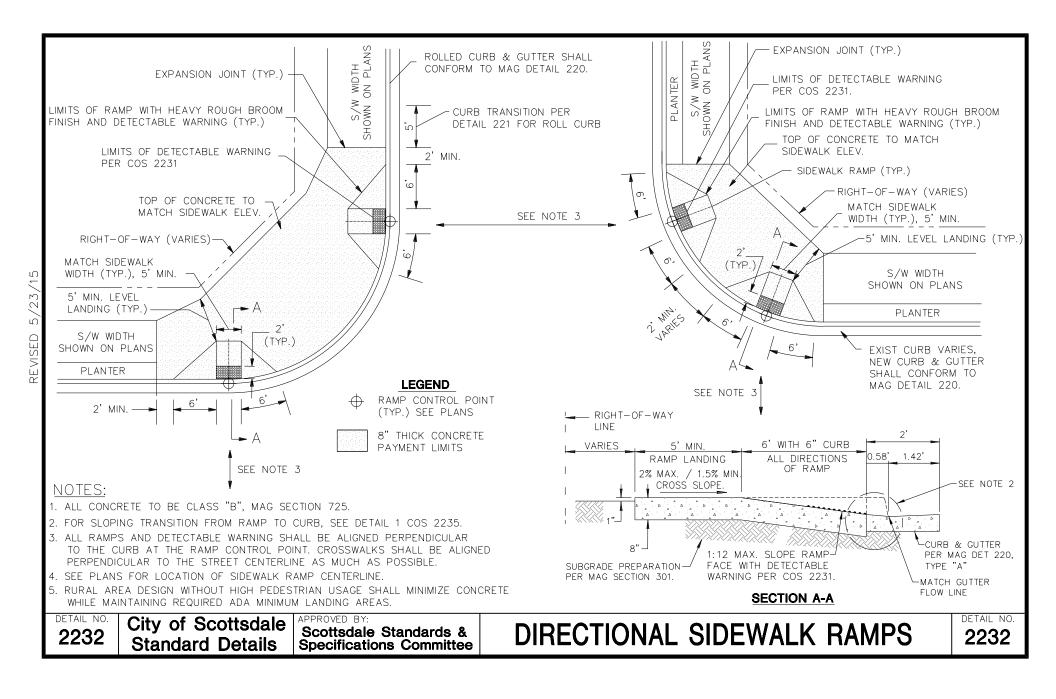


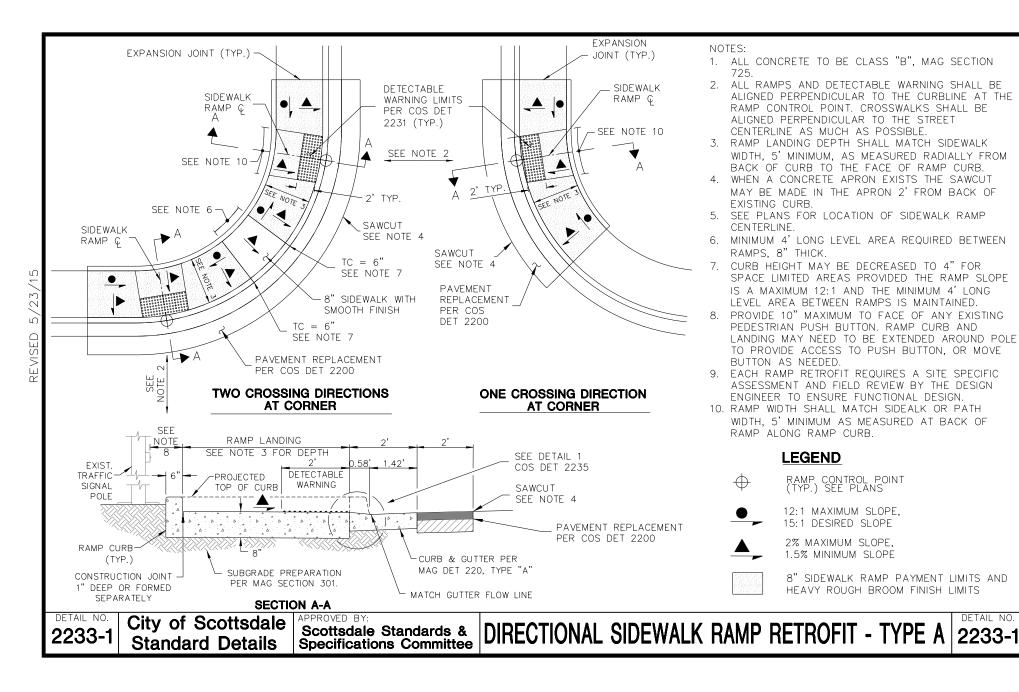


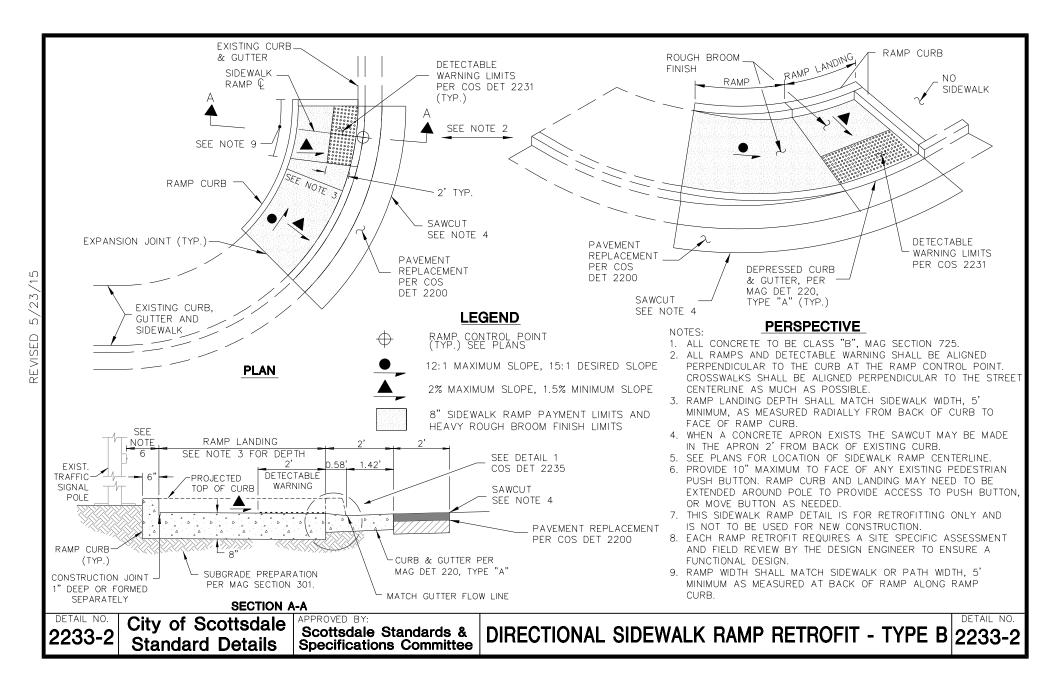


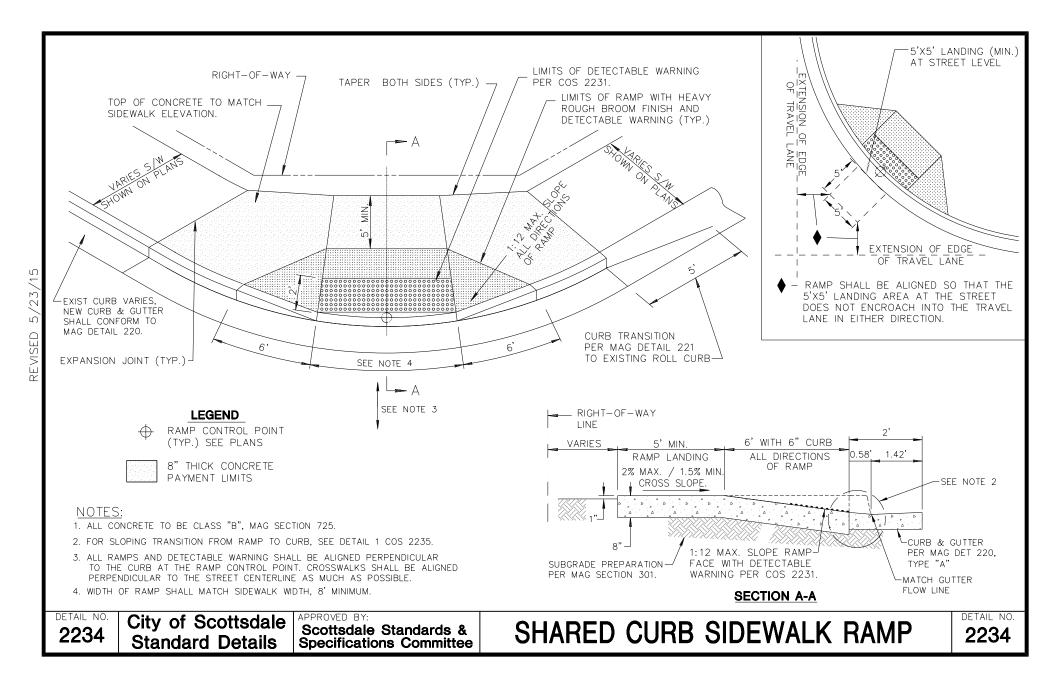


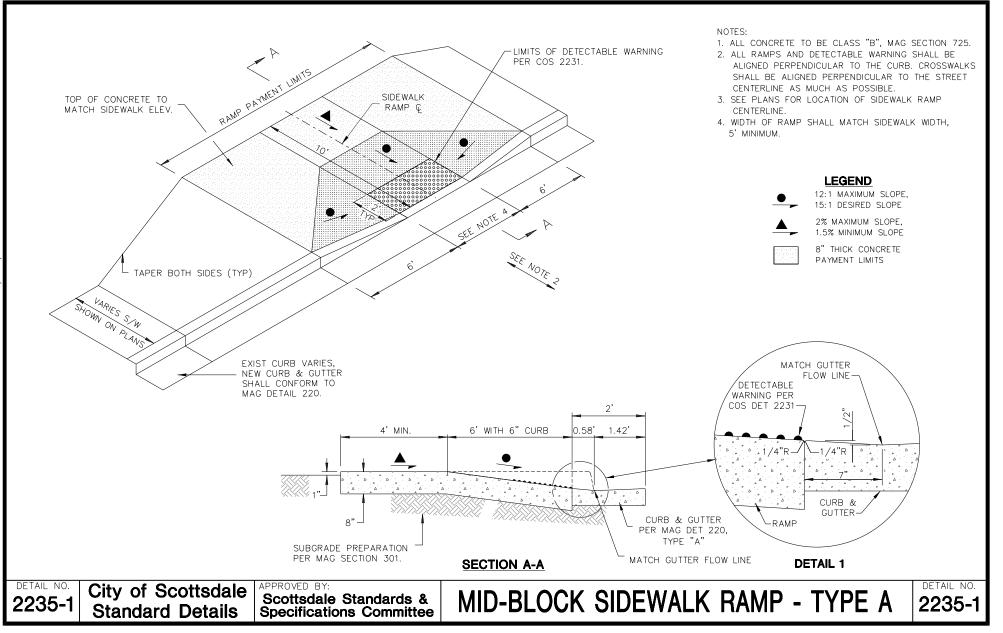




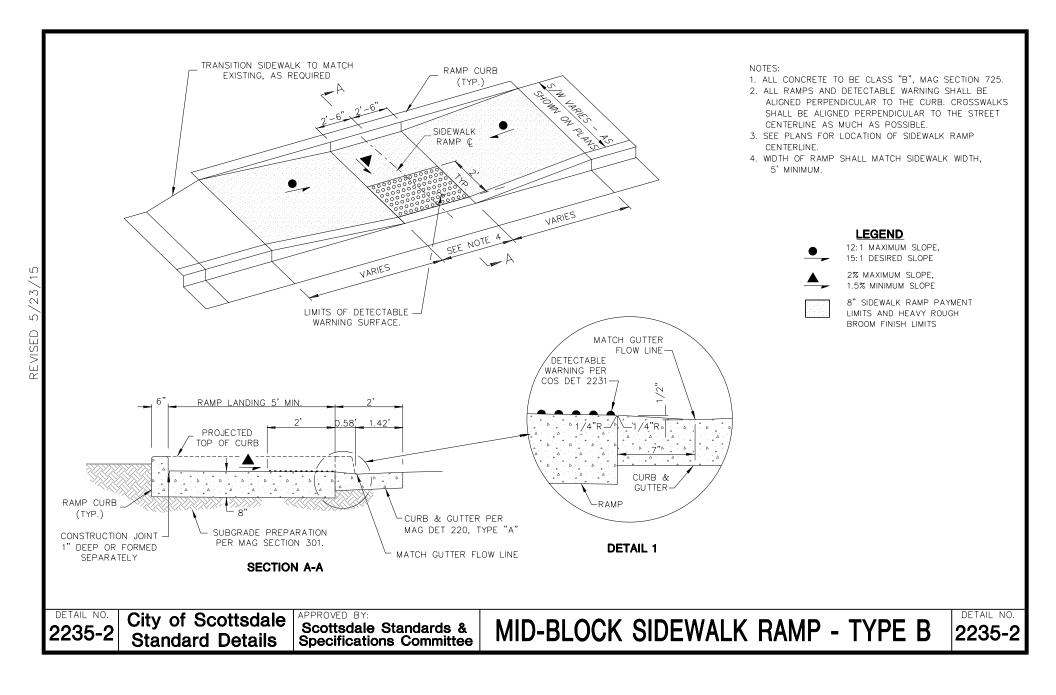


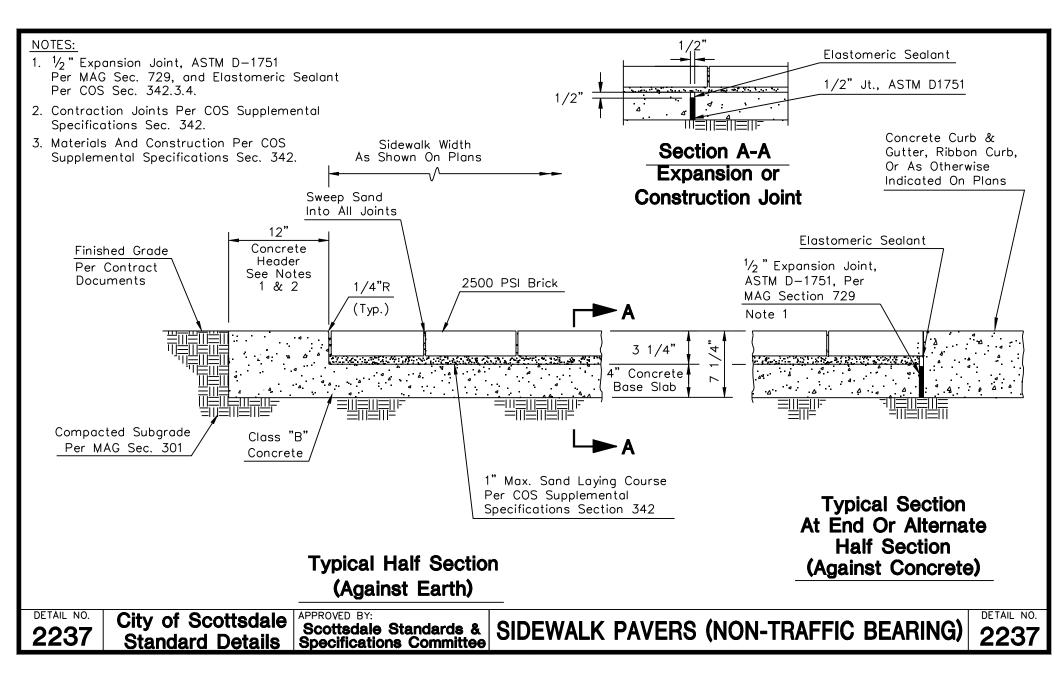


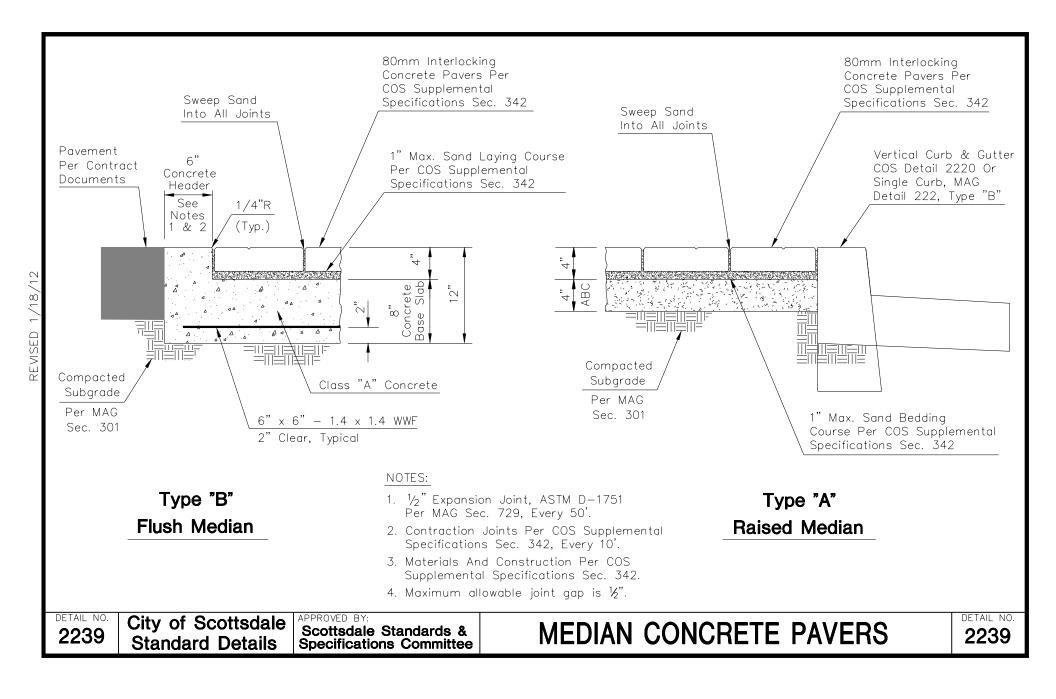


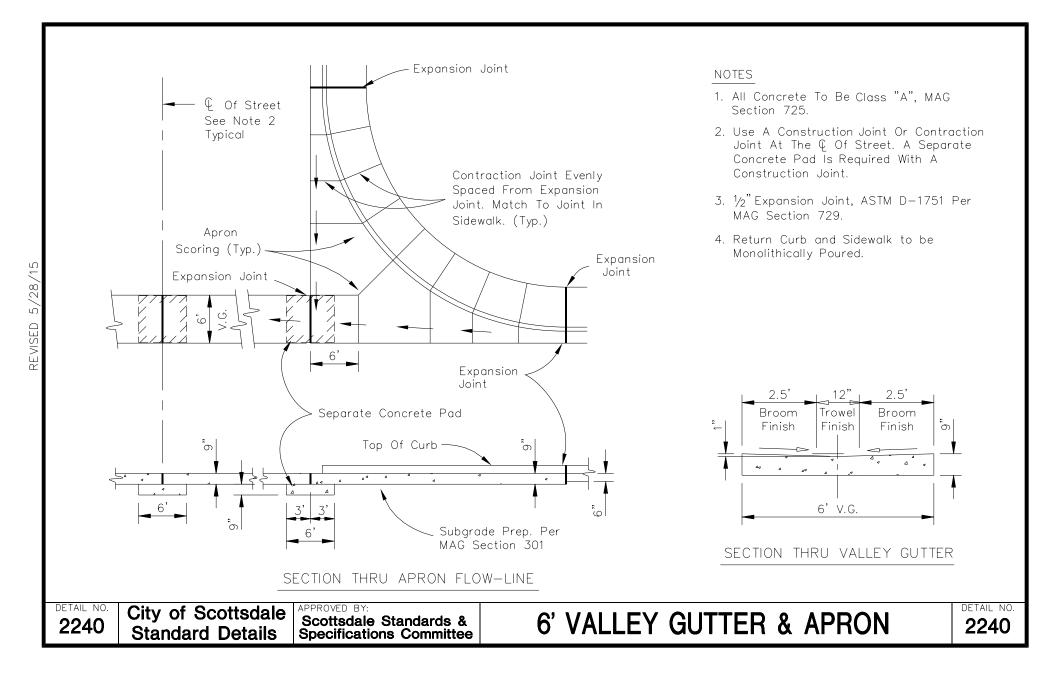


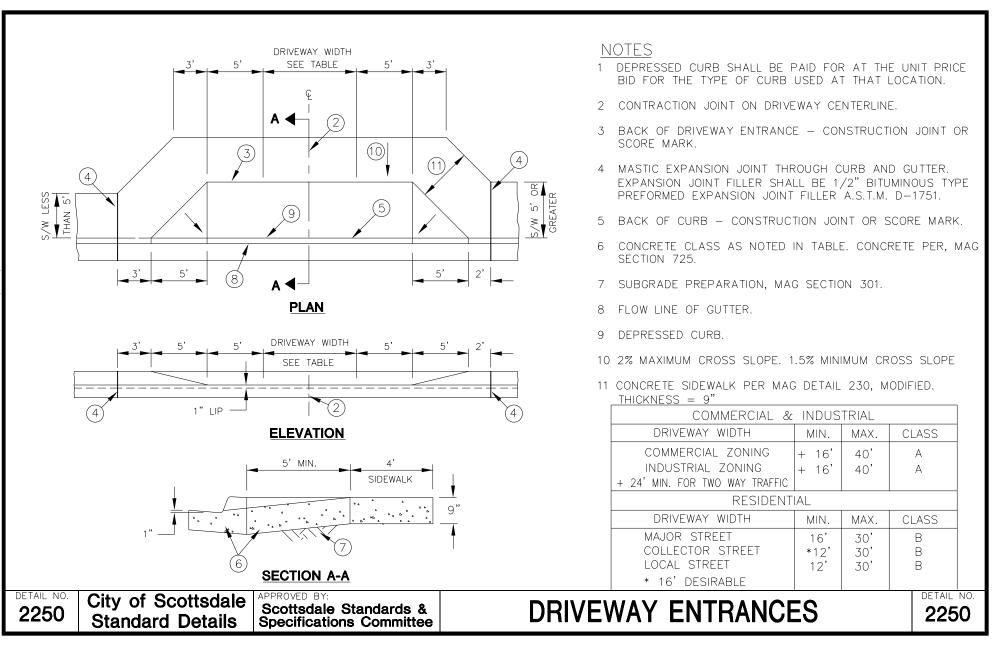
REVISED 5/23/15

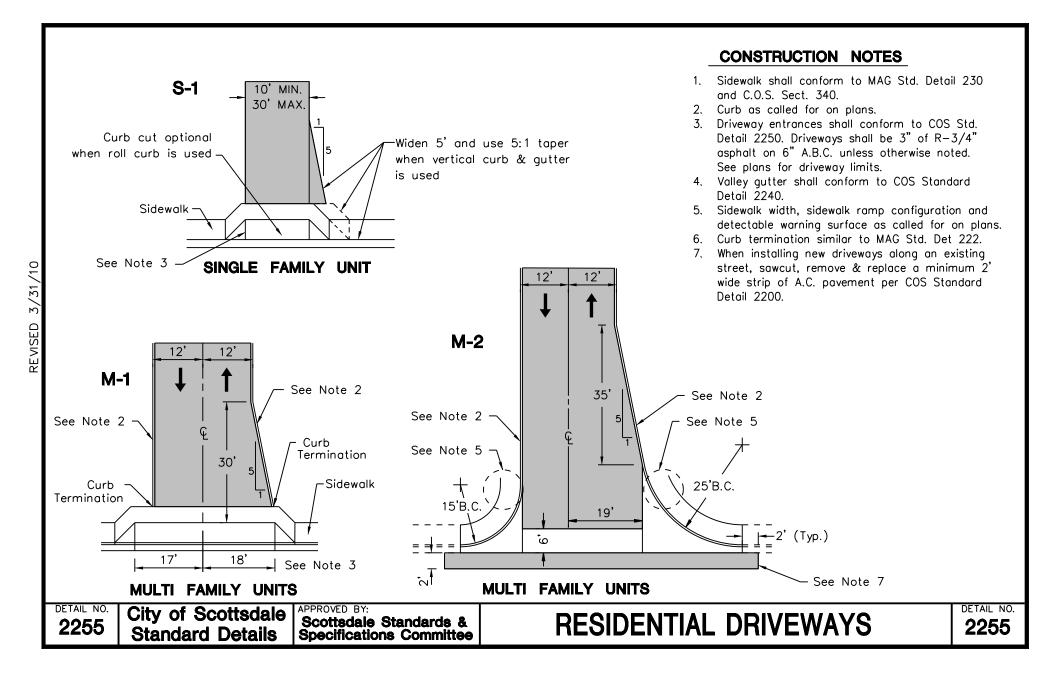


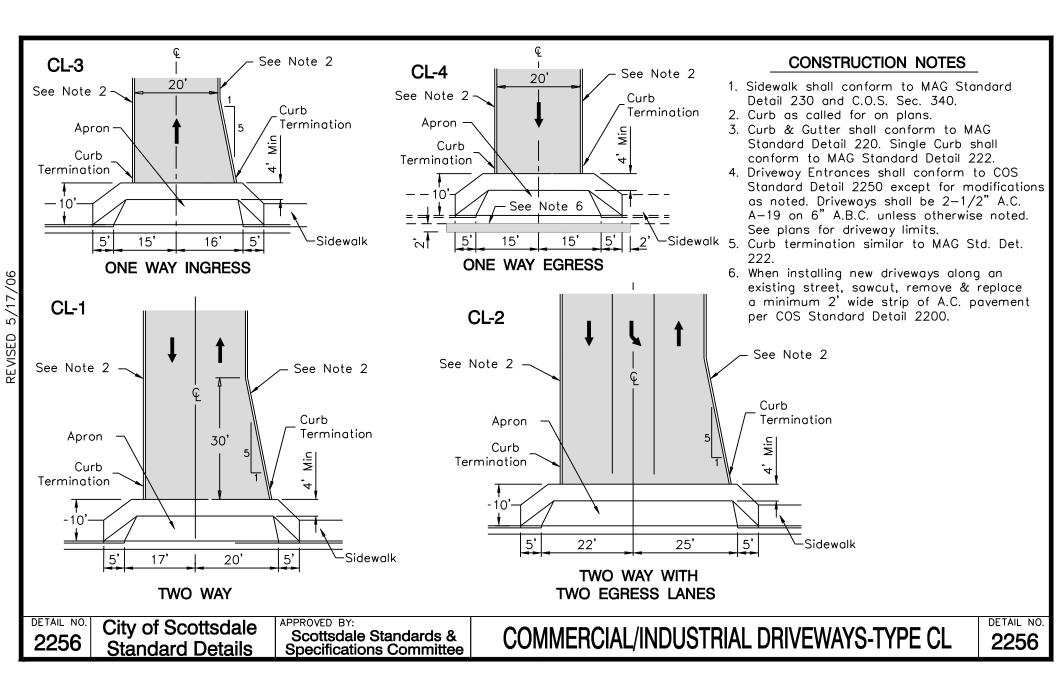


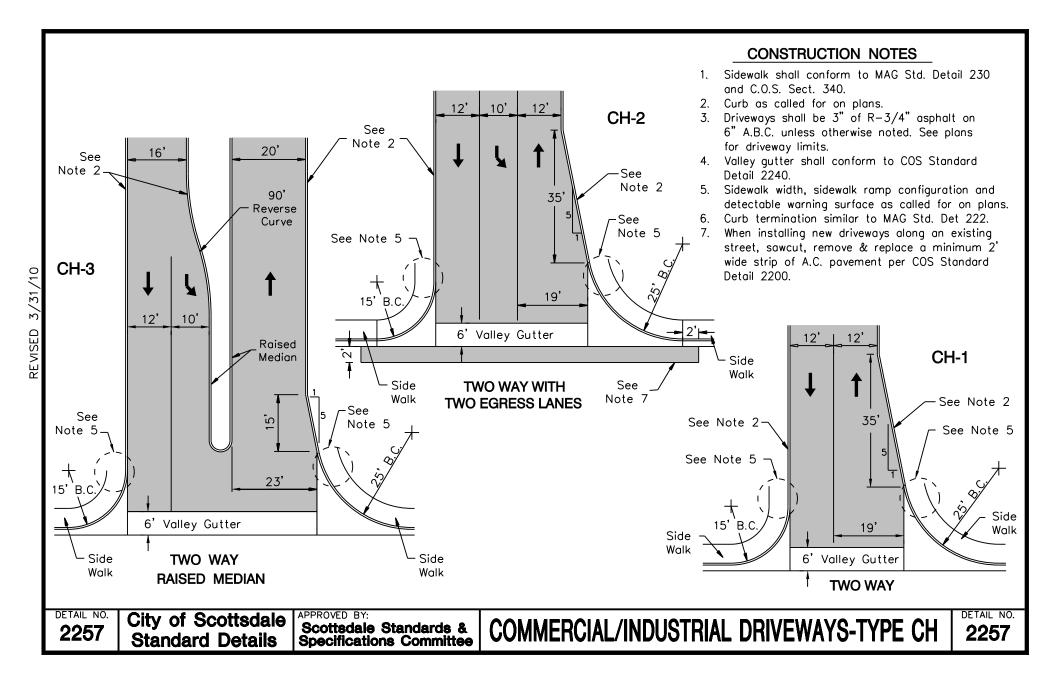


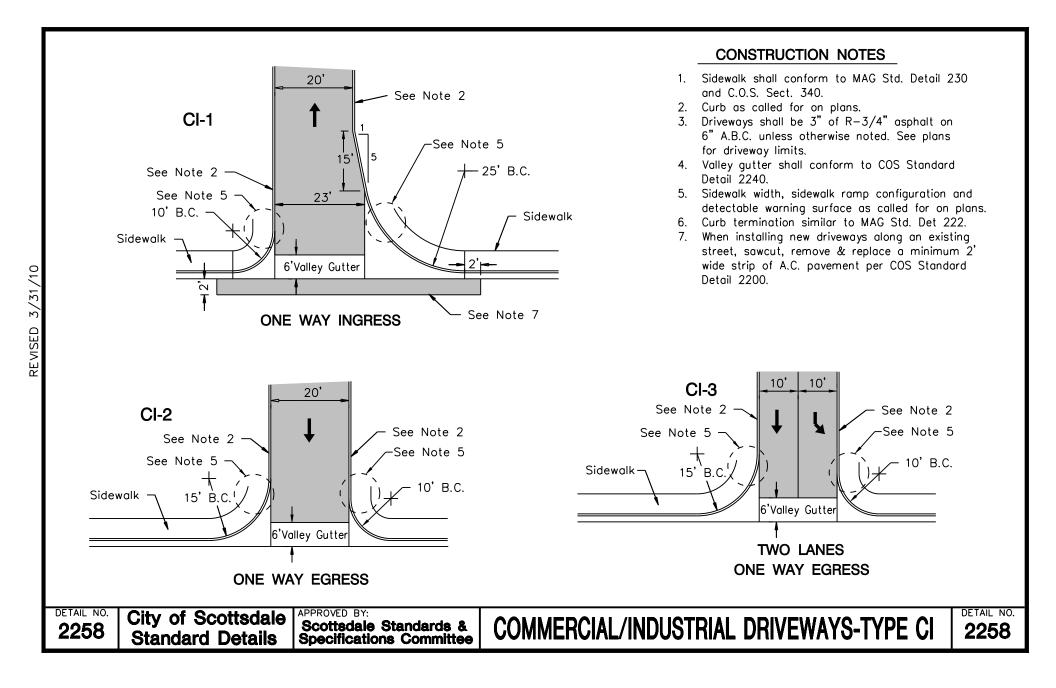


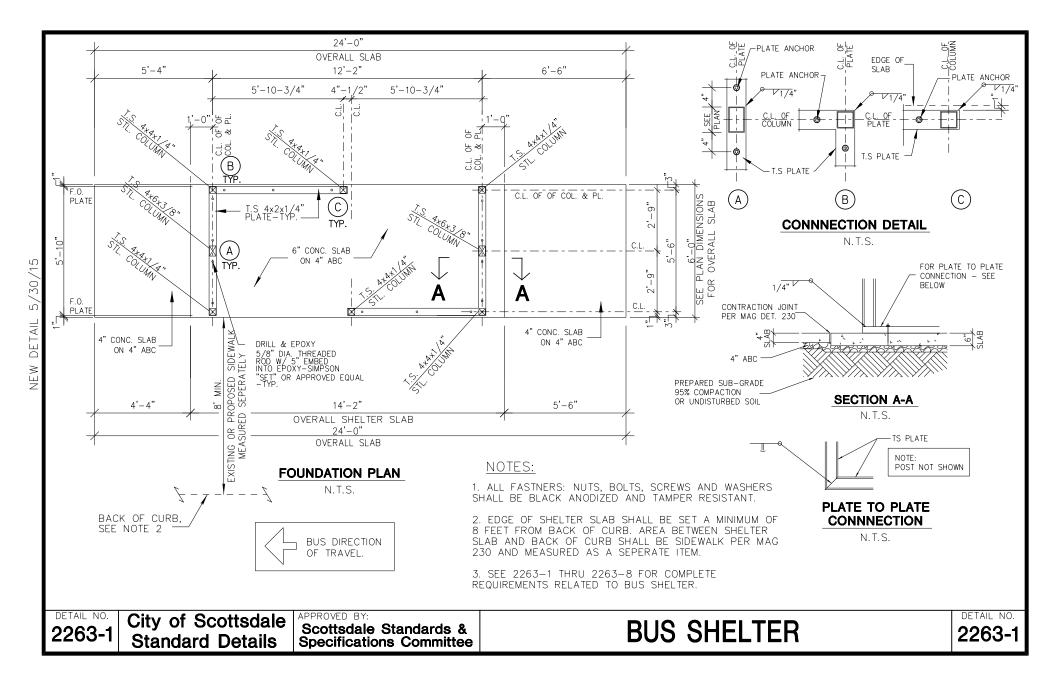


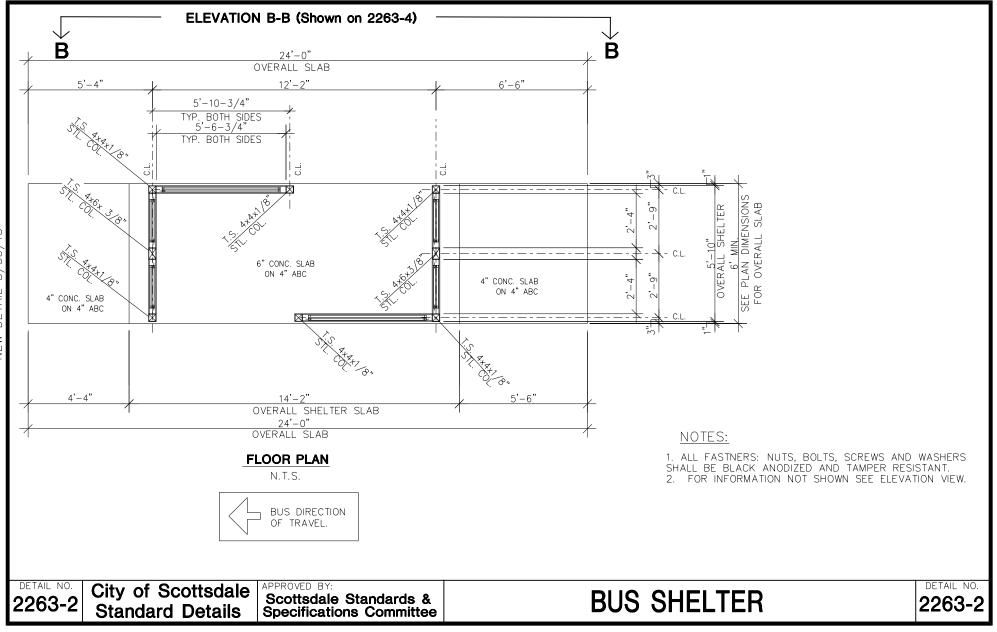




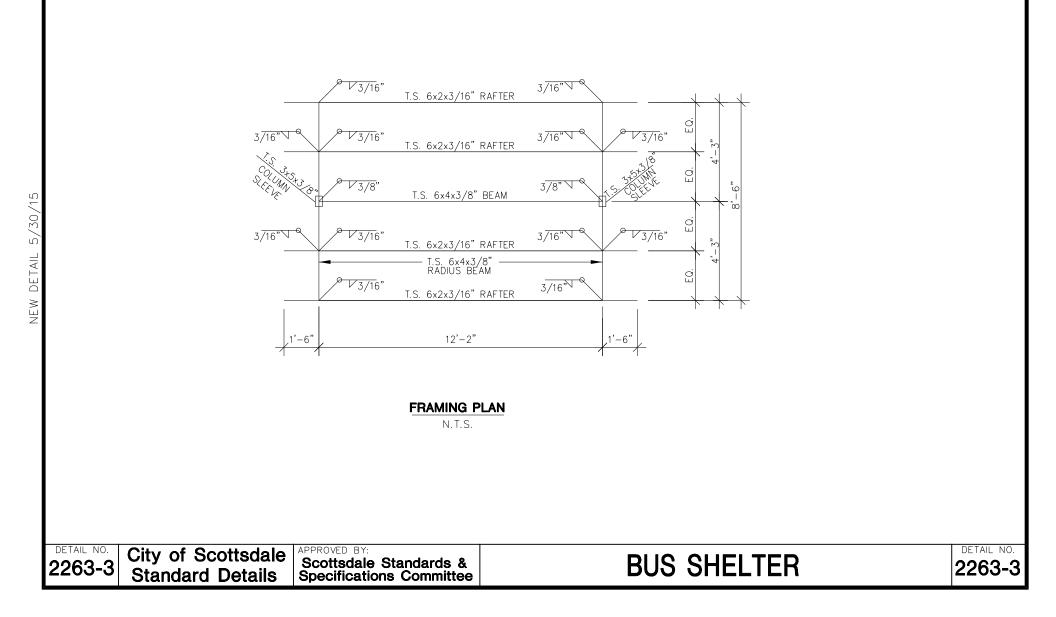


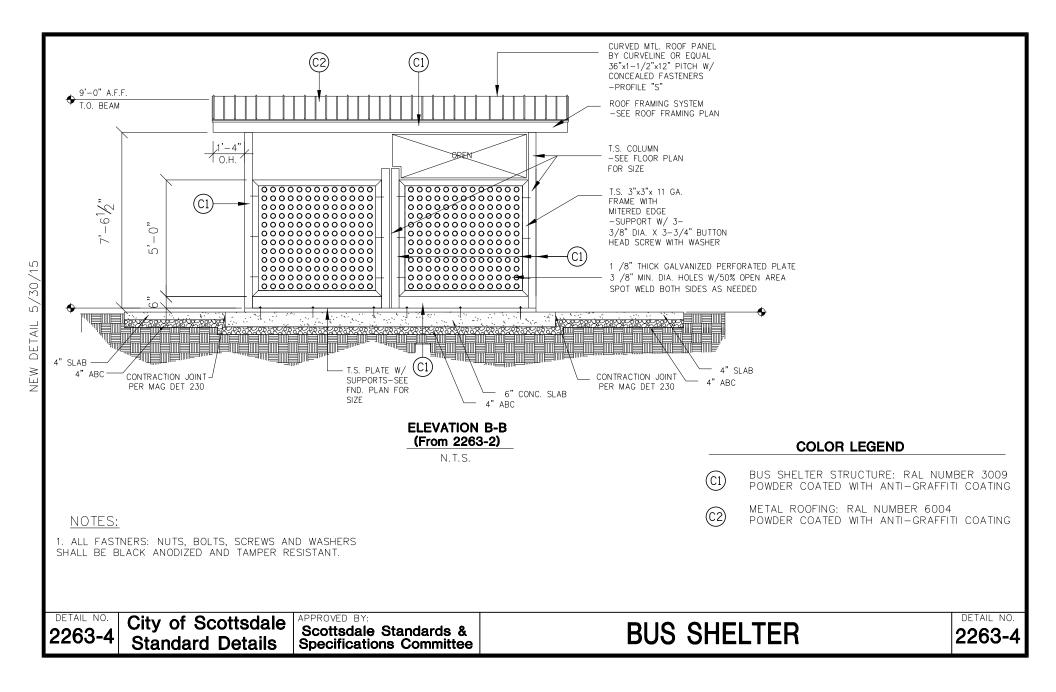


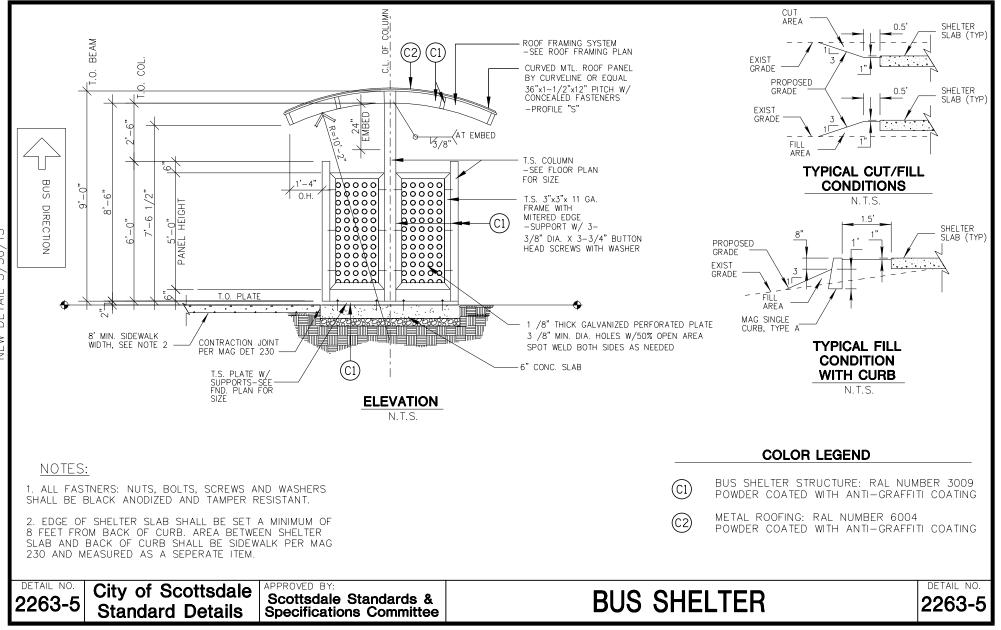




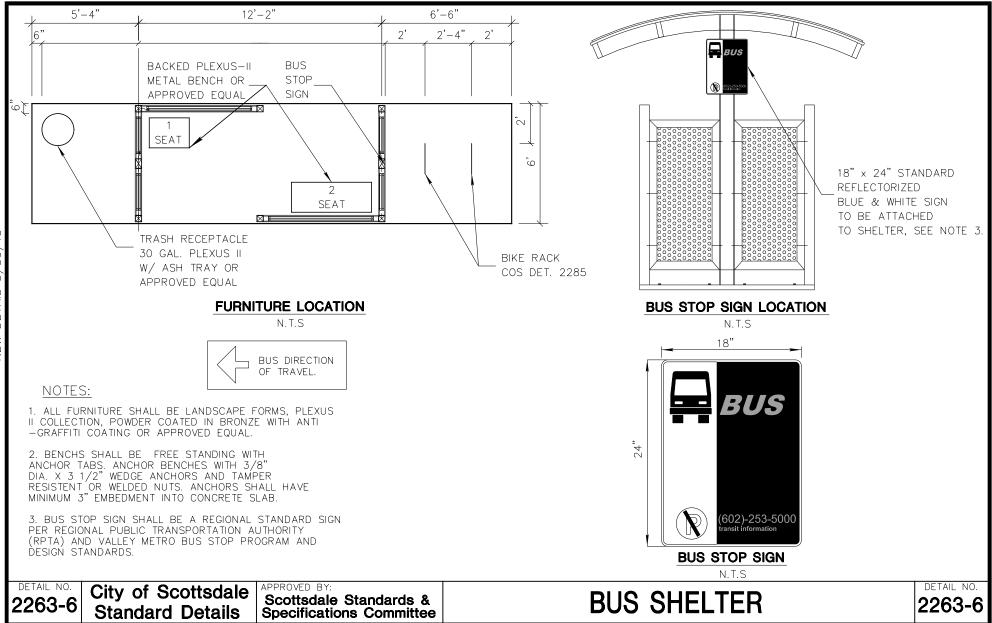
NEW DETAIL 5/30/15





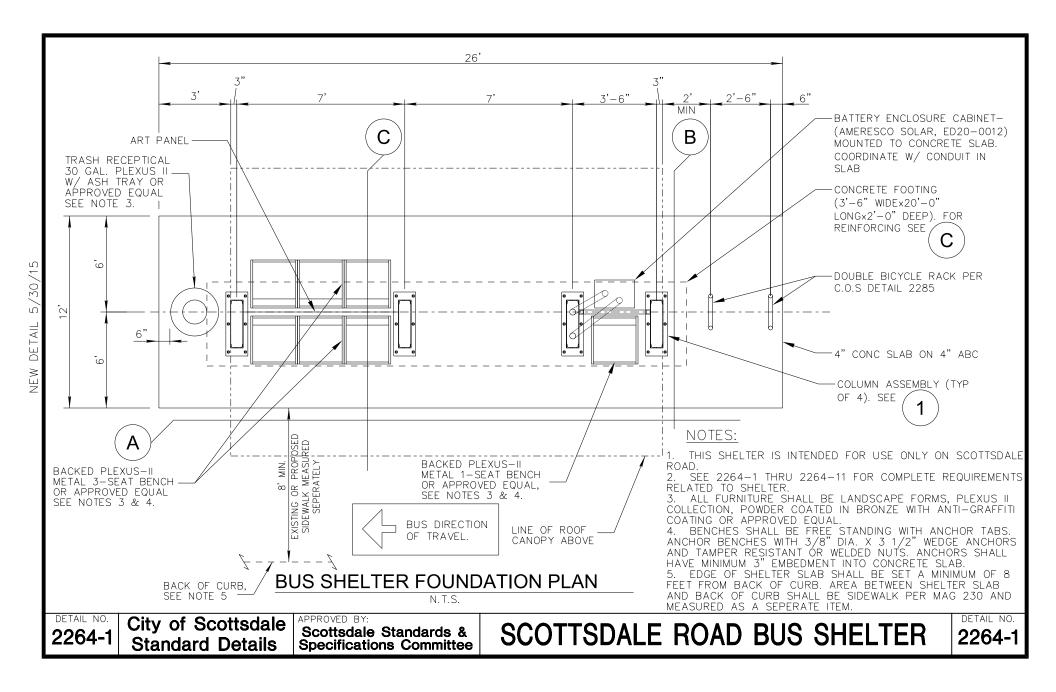


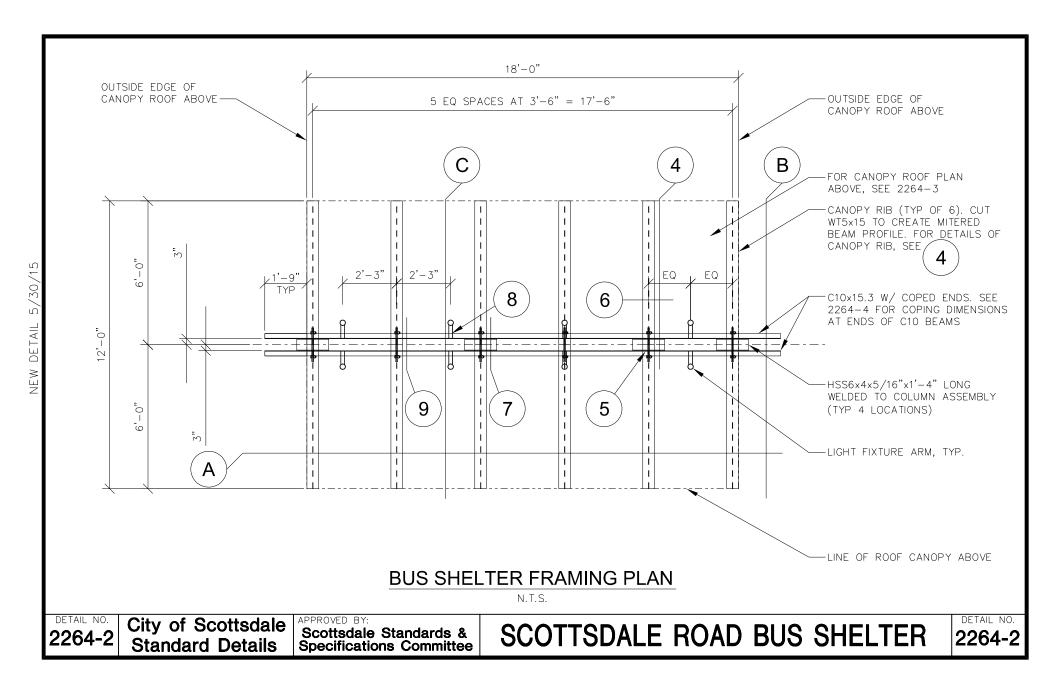
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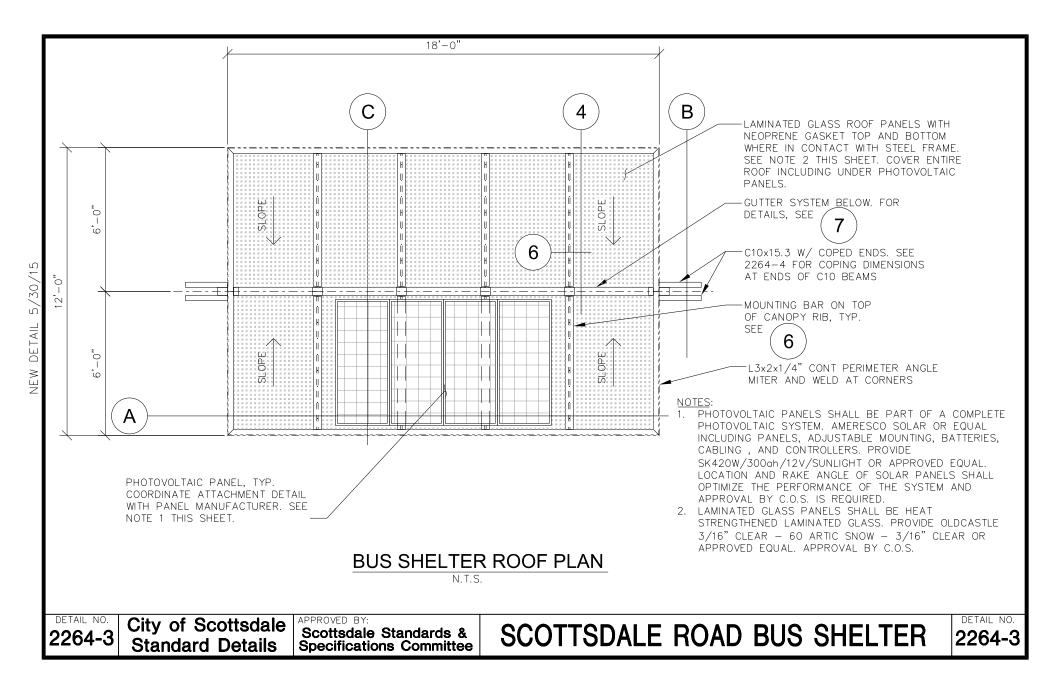


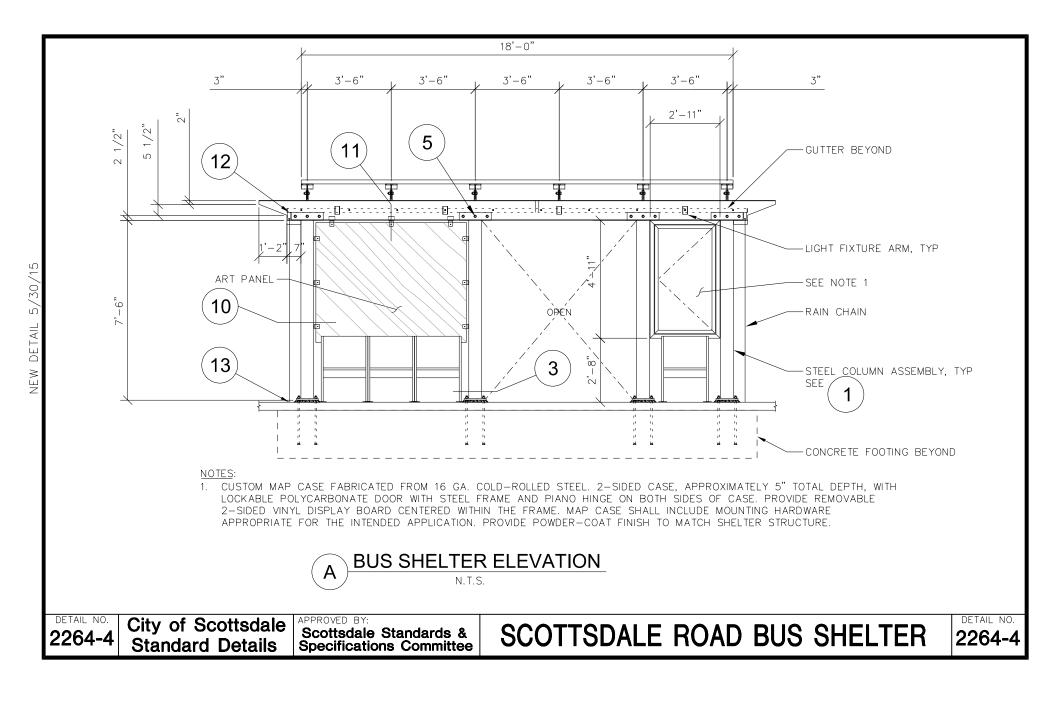
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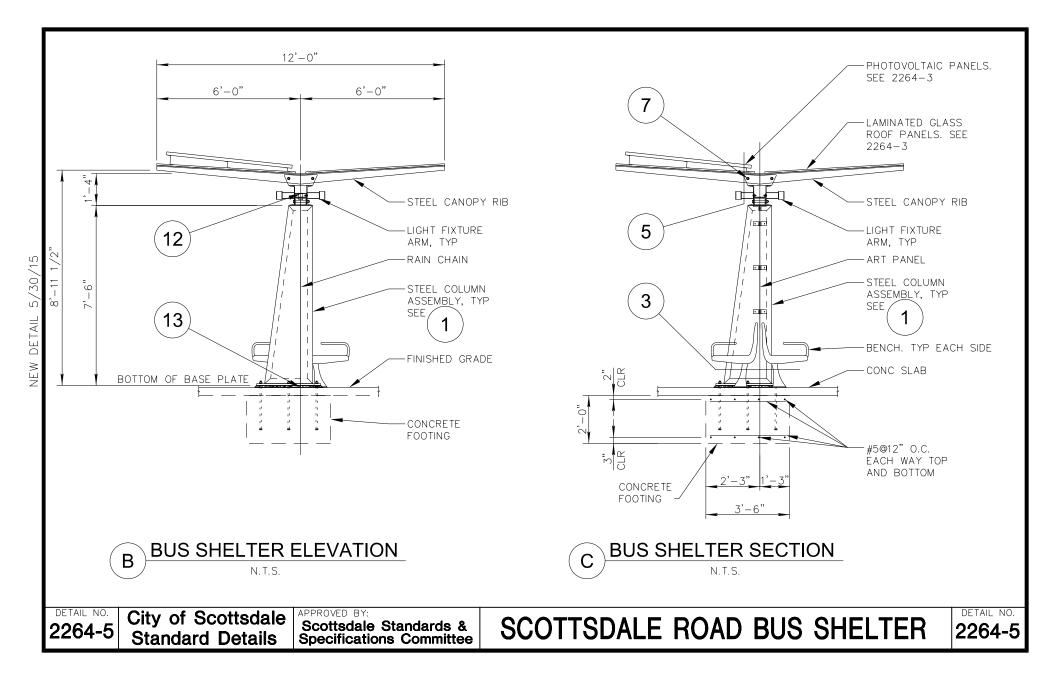
ABBREVIA					ERIODS, BUT SHALL BE READ AS SAME.	
	ANCHOR BOLT	DN	— DOWN — DRAWING(S) — END TO CENTERLINE	OSHA ———	OCCUPATIONAL SAFETY AND	
A.B.C. ———	AGGREGATE BASE COURSE AMERICAN CONCRETE INSTITUTE	DWG(S)	- DRAWING(S)		HEALTH ADMINISTRATION	
ACI	AMERICAN CONCRETE INSTITUTE AIR CONDITIONER	E.C.	- END TO CENTERLINE	PCI		
А/С ———	AIR CONDITIONER	I F F	END TO END		INSTITUTE	
A.F.F. ———		E.O.S. ———	EDGE OF SLAB — EQUAL — EQUIPMENT	P.C. ———	PRECAST CONCRETE POUNDS PER LINEAR FOOT PLUS OR MINUS	
AISC ———		EQ	— EQUAL	PLF	POUNDS PER LINEAR FOOT	
	CONSTRUCTION	EQUIP	EQUIPMENT	±	PLUS OR MINUS	
			- EXPANSION BOLT	PREFAB ———	PREFABRICATED POUNDS PER SQUARE FOOT	
	INSTITUTE	EXP. JT (E.J.) —		PSF	POUNDS PER SQUARE FOOT	
		E.W	EACH WAY	PSI	POLINDS PER SOLLARE INCH	
	CONSTRUCTION	FDN		PTI	POST-TENSIONING INSTITUTE REINFORCING STEEL DECK INSTITUTE SHORT LEG HORIZONTAL	
ALT. ———	ALTERNATE AMERICAN NATIONAL STANDARDS	F.F. ———		REINF	REINFORCING	
ANSI — — — — — — — — — — — — — — — — — — —		F.O.M. ———		SDI		
	INSTITUTE	F.O.S. ———		SLH	SHORT LEG HORIZONTAL	
APA ———		F.O.W. ———		SLV	SHORT LEG VERTICAL	
ARCH'L ——		GA	EXPANSION JOINT EACH WAY FOUNDATION FINISHED FLOOR FACE OF MEMBER FACE OF STEEL FACE OF WALL GAGE (UNIT OF MEASUREMENT) GALVANIZED CENERAL STRUCTURAL NOTES	SJI ———		
ASTM	AMERICAN SOCIETY FOR TESTING	GALV	— GALVAŇIZED	SIM	SIMILAR	
	AND MATERIALS	0.5.14.	GENERAL STRUCTURAL NOTES	SQ. ———	SQUARE	
AWS		GLB (GLULAM) —	- GLUED-LAMINATED REAM	SSMA	STEEL JOIST INSTITUTE SIMILAR SQUARE STEEL STUD MANUFACTURERS	
o ———	—— AT (MEASUREMENT)	HORIŻ			ASSOCIATION	
ЗМ ———	—— BEAM	IBC	- INTERNATIONAL BUILDING CODE	STD	ASSOCIATION ——— STANDARD	
3.F.F	AMERICAN WELDING SOCIETY AT (MEASUREMENT) BEAM BELOW FINISHED FLOOR BLOCK	ІСВО — — — — — — — — — — — — — — — — — — —		STL	STEEL	
3LK	—— BLOCK		BUILDING OFFICIALS	TI		
3.0.B. ———	BOTTOM OF BEAM	I.F.W.———	HORIZONTAL REINFORCING — INTERNATIONAL BUILDING CODE — INTERNATIONAL CONFERENCE OF BUILDING OFFICIALS — INSIDE FACE OF WALL	тов ———	STANDARD STEEL TOTAL LOAD TOP OF BEAM TOP OF CONCRETE TOPPING TOP OF FOOTING TOP OF FOOTING TOP OF LEDGER TOP OF MASONRY TOP OF PLATE TOP OF PRECAST CONCRETE TOP OF STEEL TOP OF WALL	
30D — —				тост ——	TOP OF CONCRETE TOPPING	
3 0 F		K(KIP)	- 1000 POUNDS	тор ———	TOP OF DECK	
3RG		KIF	 1000 POUNDS KIPS PER LINEAR FOOT POUNDS LIGHT GAGE STEEL LIGHT GAGE STEEL 	TOF	TOP OF FOOTING	
		BS (#)	- POUNDS	ΤΟΙ		
~			- LIGHT GAGE STEEL	ТОМ ———	TOP OF MASONRY	
с.с. С.С.————	CENTERLINE TO CENTERLINE CENTER OF GRAVITY	LGSEA	- LIGHT GAGE STEEL ENGINEERS	TOP		
0.0. CIP				TOPC	TOP OF PRECAST CONCRETE	
0.1.1 . ^			- LOCATION OF DETAILS	TOS	TOP OF STEFI	
0.L. 0.L.R			ASSOCIATION LOCATION OF DETAILS LIVE LOAD LONG LEG HORIZONTAL LONG LEG VERTICAL	T O W		
э.с.ы. Ст. С. ————				TDI	TRUSS DUATE INSTITUTE	
0.L.U					TUDE STEEL	
S.∟.F	CENTERLINE OF FUUTING				TYDICAL	
J.L. W	OLEAD	MAG	MASONRY		TONOUE AND ODOONE	
	CENTERLINE OF WALL CLEAR CONCRETE CONCRETE CONTROL JOINT CONCRETE SAWCUT JOINT		MASONRY CONTROL IONIT		TUBE STEEL TUBE STEEL TYPICAL TONGUE AND GROOVE UNIFORM BUILDING CODE	
				UBC	UNIFURM BUILDING CODE	
JUNC C.J	CONCRETE CONTROL JUINT		MASONRY CONTROL JOINT — MAXIMUM — METAL BUILDING MANUFACTURERS	U.N.U.	UNLESS NOTED OTHERWISE	
JUNU S.J	CONCRETE MASCHOX UNIT		ASSOCIATION		VERTICAL REINFORCING	
	CONCRETE MASONRY UNIT	MECH'L	ASSOCIATION	WCLA	WEST COAST LUMBER ASSOCIATION	
COL				WCLIB		
JONN			MECHANICAL MANUFACTURER('S) MINIMUM NOT APPLICABLE NOT TO SCALE ON CENTER OUTSIDE FACE OF WALL		BUREAU	
JUNI				W. W. F.	WELDED WIRE FABRIC WESTERN WOOD PRODUCTS	
J.U.S. ———			- NOT APPLICABLE			
JRSI ———	CONCRETE REINFORCING STEEL	N. I. S. ———	- NUL IO SCALE	,	ASSOCIATION	
	INSTITUTE	0.C	- ON CENTER	W/	WITH	
DET	DETAIL	O.F.W.	- OUTSIDE FACE OF WALL	W/C	WATER TO CEMENT RATIO	
)L		OPP	- OPPOSITE	W/O ———	ASSOCIATION WITH WATER TO CEMENT RATIO WITHOUT	
ø or dia ——	DIAMETER					
DETAIL NO.		L VED BY:				DETAIL
2263-8		ttsdale Standa	Iras a	RUS SI	HELTER	2263
		Nelaatiana Car				

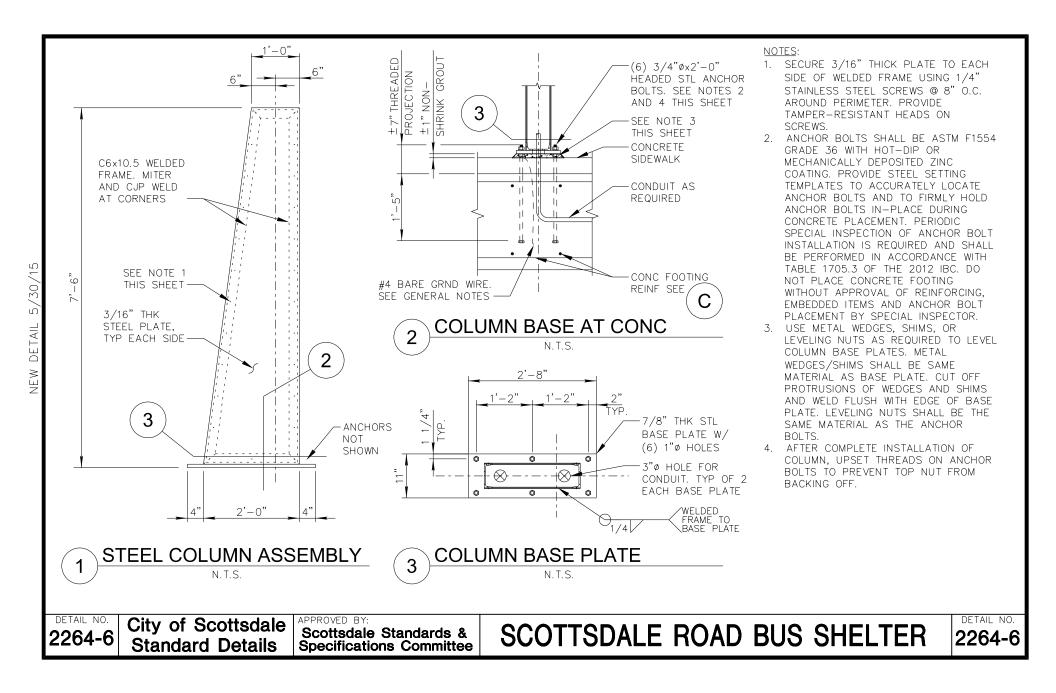


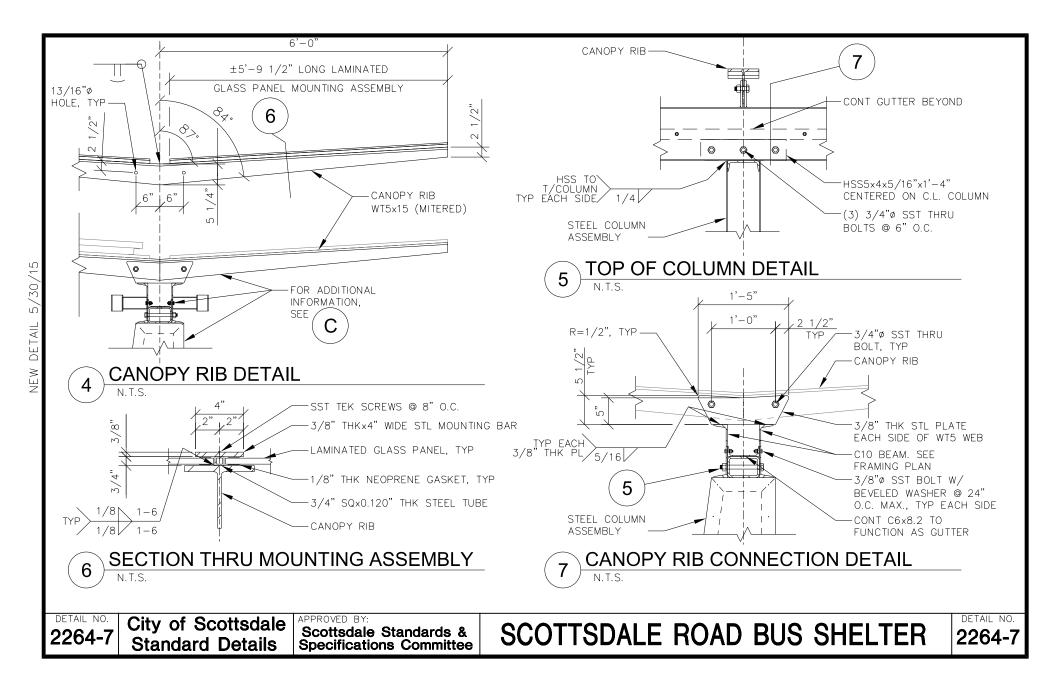


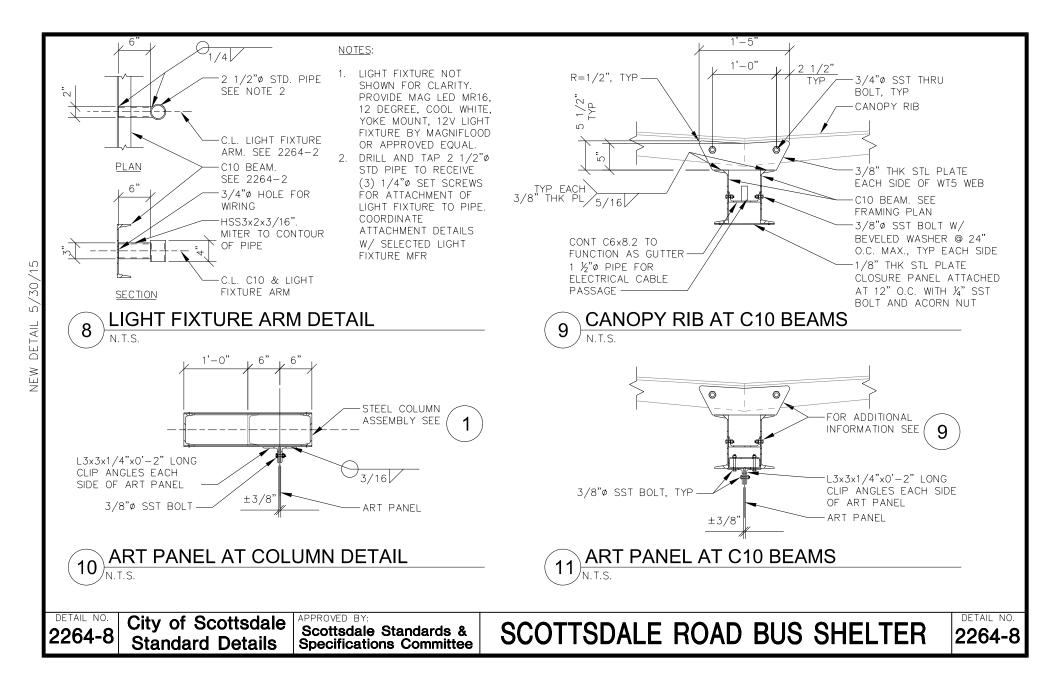


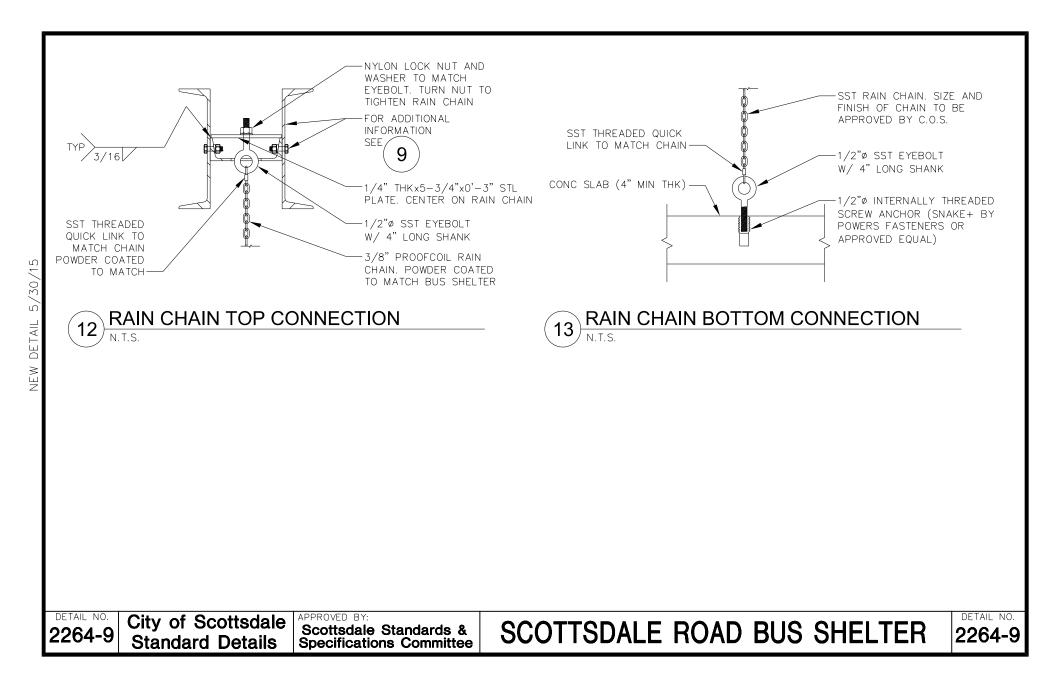




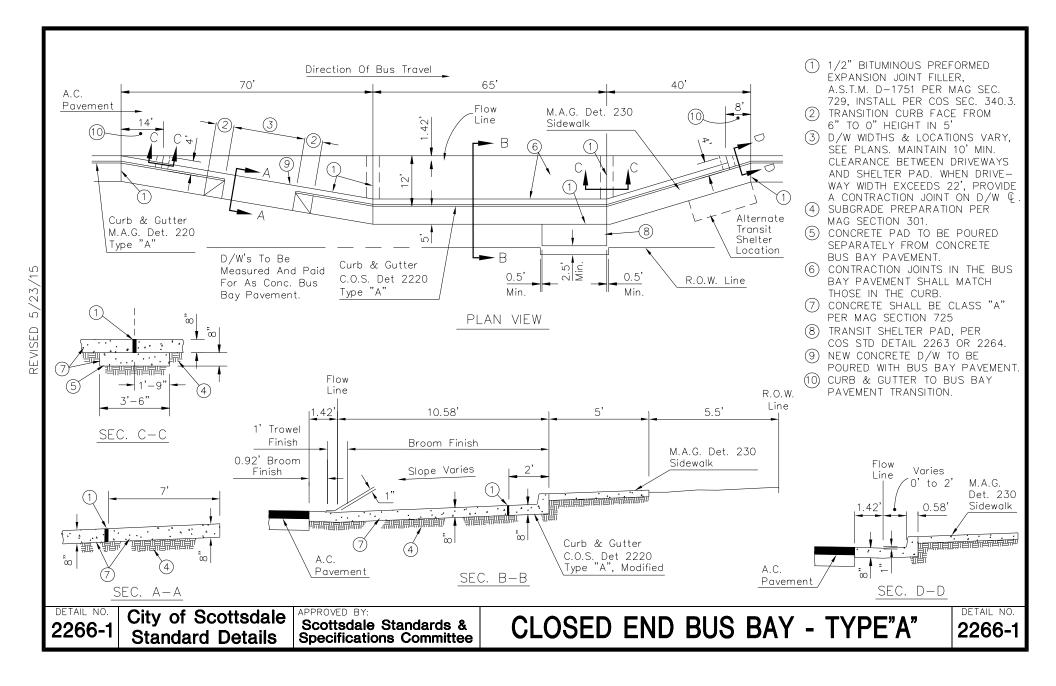


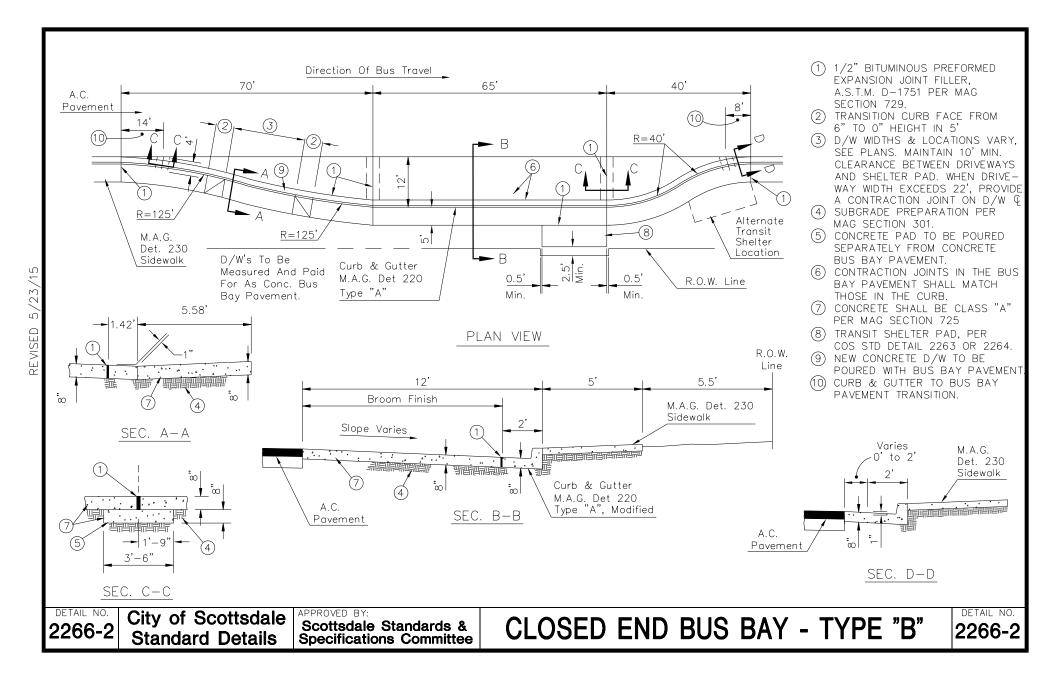


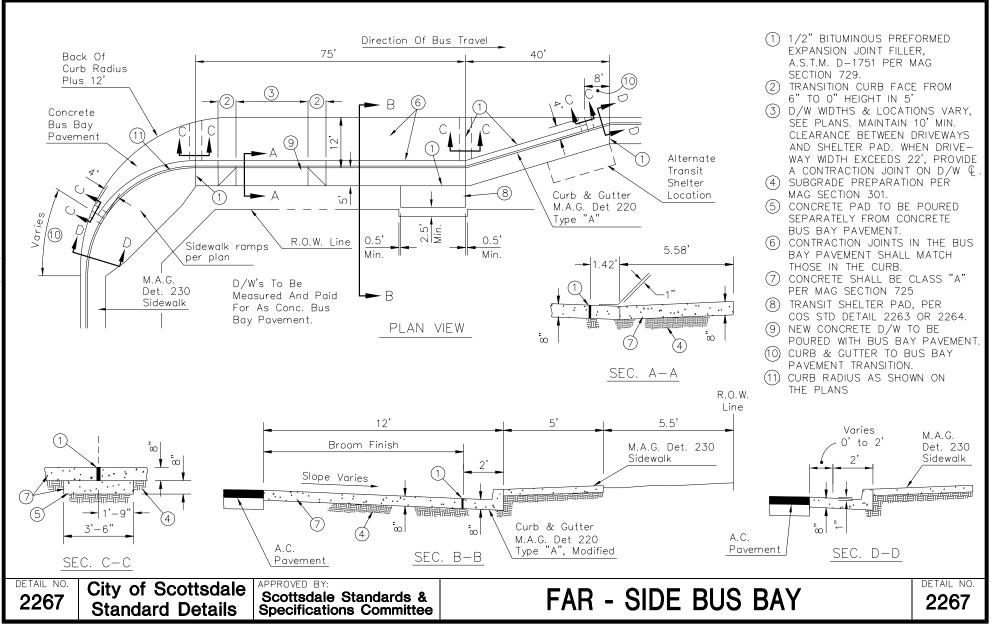




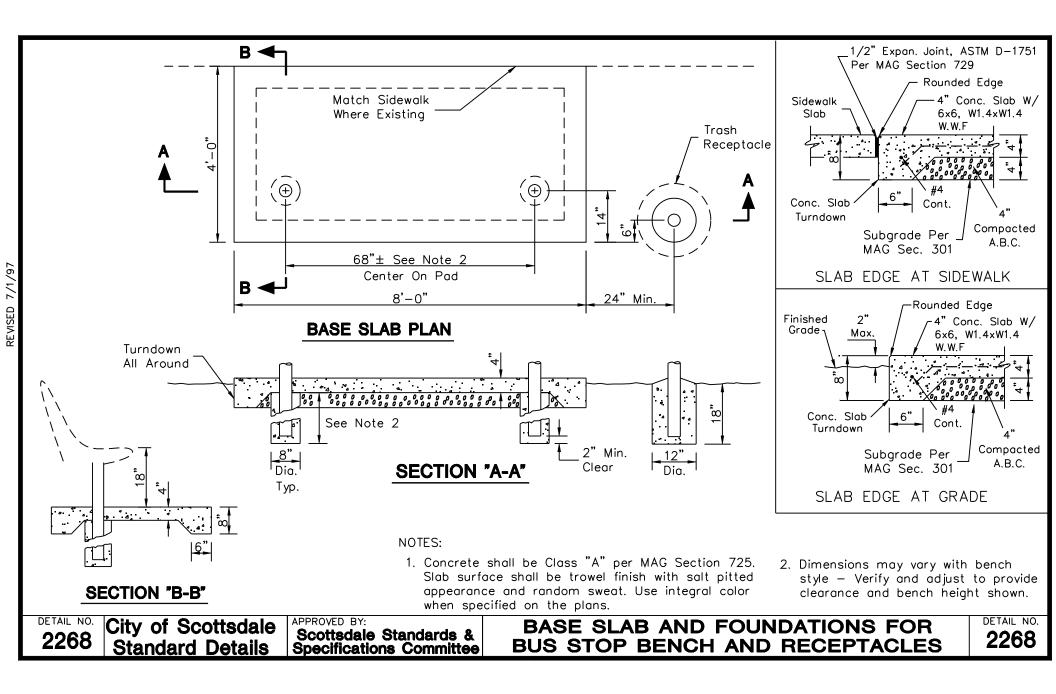
ABBREVIATIONS			NOTE: ABBREVIATIONS MAY OR	MAY NOT HAVE P	ERIODS, BUT SHALL BE READ AS SAI
A.B. ———	ANCHOR BOLT	DWG(S)	- DRAWING(S)	PLF	POUNDS PER LINEAR FOOT
A.B.C. ———		E.C.	- END TO CENTERLINE	±	
ACI	AMERICAN CONCRETE INSTITUTE	E.E	- END TO END	PREFAB	PREFABRICATED
4 F F		F.O.S	- FDGE OF SLAB	PSF	
		E.O.S EQ EQUIP	— FOUAL	PSI	POUNDS PER SQUARE INCH
100	CONSTRUCTION		- FOUIPMENT		
	AMERICAN IRON AND STEEL	EXP BOLT (FB)	- EXPANSION BOLT		REINFORCING SHORT LEG HORIZONTAL
	INSTITUTE		- EXPANSION JOINT		
ALT	ALTERNATE	E.W.			SHORT LEG VERTICAL
	AMERICAN NATIONAL STANDARDS		- FINISHED FLOOR		
41131			- FACE OF STEEL		
		F.U.S. —	- FACE OF STEEL	SSMA	
		F.O.W	- FACE OF WALL	0.75	ASSOCIATION
ARCH L	ARCHITECTURAL	GA	— GAGE (UNIT OF MEASUREMENT)	SID	STANDARD
asim —		GALV	— GALVANIZED	SIL	ASSOCIATION STANDARD STEEL TOTAL LOAD TOP OF BEAM
	AND MATERIALS	G.S.N	— GENERAL STRUCTURAL NOTES — HORIZONTAL REINFORCING	TL	TOTAL LOAD
AWS		HORIZ	— HORIZONTAL REINFORCING	T.O.B	TOP OF BEAM
<u> </u>	AND MATERIALS AMERICAN WELDING SOCIETY AT (MEASUREMENT) BEAM	IBC —	- INTERNATIONAL BUILDING CODE	T.O.C.T	TOP OF CONCRETE TOPPING
ЗМ ———	BEAM	ICBO	- INTERNATIONAL CONFERENCE OF	T.O.D	TOP OF DECK
3 F F			BUILDING OFFICIALS	T O F	TOP OF FOOTING
3lk ———	BLOCK	I.F.W.——	— INSIDE FACE OF WALL — 1000 POUNDS	T.O.L	TOP OF LEDGER
З.О.В. ———	BOTTOM OF BEAM	K(KIP)	— 1000 POUNDS	T.O.M.	
3. O.F	BOTTOM OF FOOTING BEARING	KLF	— KIPS PER LINEAR FOOT	T.O.P	TOP OF PLATE
BRG —		LBS (#)	— POUNDS	TOPC	TOP OF PRECAST CONCRETE
с —		LGS .	- TOOD POINDS - KIPS PER LINEAR FOOT - POUNDS - LIGHT GAGE STEEL		TOP OF STEEL
C.C.	CAMBER TO CENTERLINE	LGSEA	- LIGHT GAGE STEEL ENGINEERS	T O W	TOP OF WALL
с.с. С.с. — — — — — — — — — — — — — — — — — —	CENTER OF CRAVITY		ASSOCIATION	TPI	TRUSS PLATE INSTITUTE
0.0. 0.1 d			- LOCATION OF DETAILS		
			— LOCATION OF DETAILS — LIVE LOAD		
С.L. С.L.Р	CENTERLINE OF BEAM		- LONG LEG HORIZONTAL		UNLESS NOTED OTHERWISE
			— LONG LEG HORIZONTAL — LONG LEG VERTICAL		VERTICAL REINFORCING
U.L.U	CENTERLINE OF COLUMN			W.W.F.	WELDED WIRE FABRIC
J.L.F	CENTERLINE OF FOOTING		— MASONRY — MASONRY CONTROL JOINT	W/	WITH
				W/C	WATER TO CEMENT RATIO
		MAX MECH'L		W/0	WITHOUT
CONC C.J. ——			— MANUFACTURER('S)		
CONC S.J. ——		MIN			
C.M.U. ———			- NOT APPLICABLE		
		N.T.S O.C	- NUT TU SUALE		
CONT	CONTINUOUS		- UN LENTER		
		U.F.W.	- OUTSIDE FACE OF WALL - OPPOSITE		
CRSI ———		0PP	- OPPOSITE		
	INSTITUTE	USHA	- OCCUPATIONAL SAFETY AND		
DL	DEAD LOAD		HEALTH ADMINISTRATION		
ø or dia ——					
		/.	1		DETAIL
DETAIL NO.	City of Scottsdale				
17167 111		le Standards &	SCOTTSDALE F	iuad Bu	S SHELIEK 2264
	Standard Details Specificat	tions Committee			

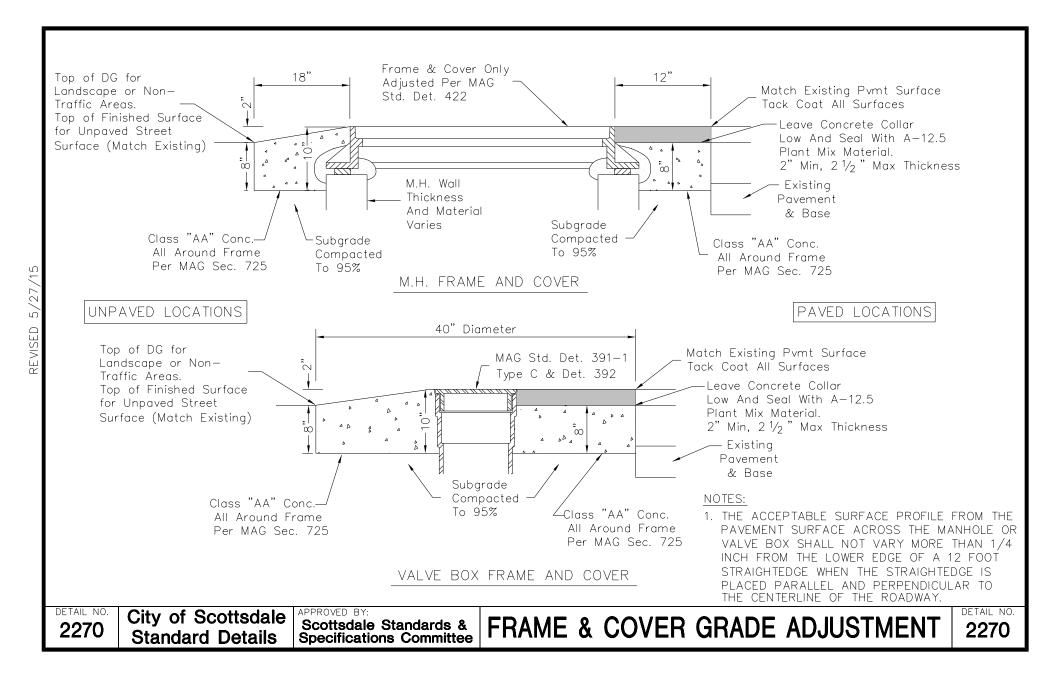


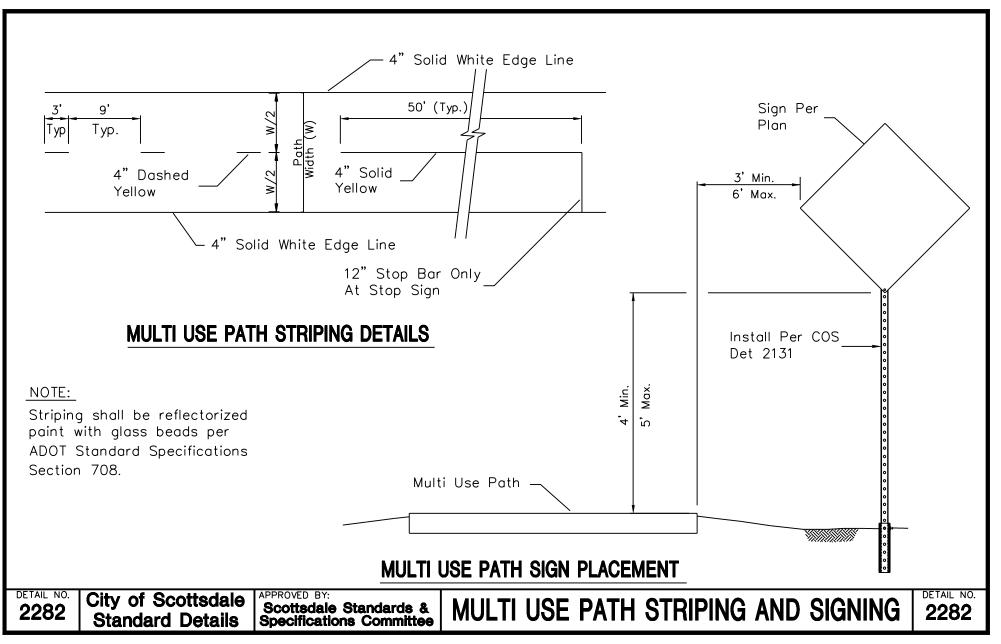


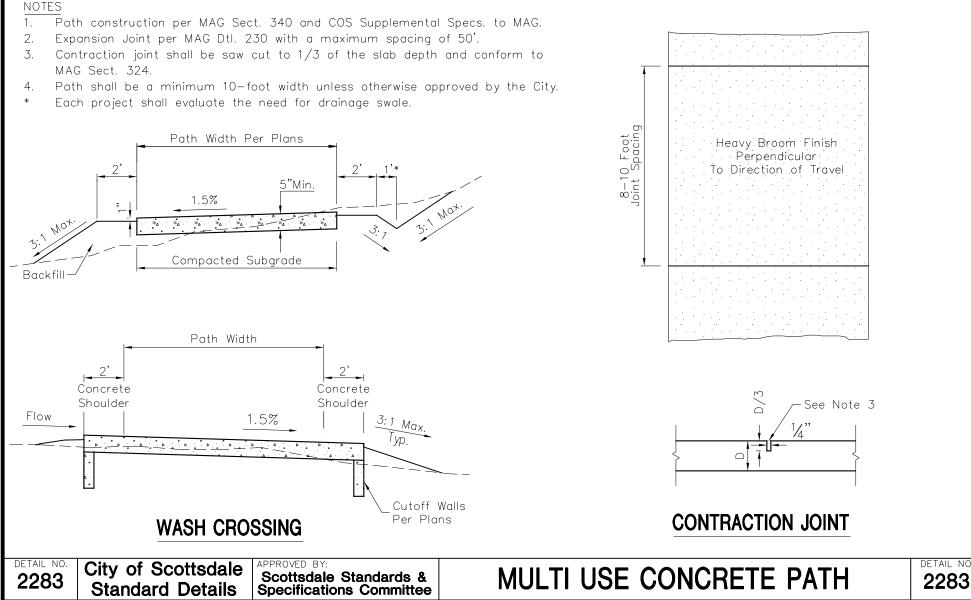


REVISED 5/23/15





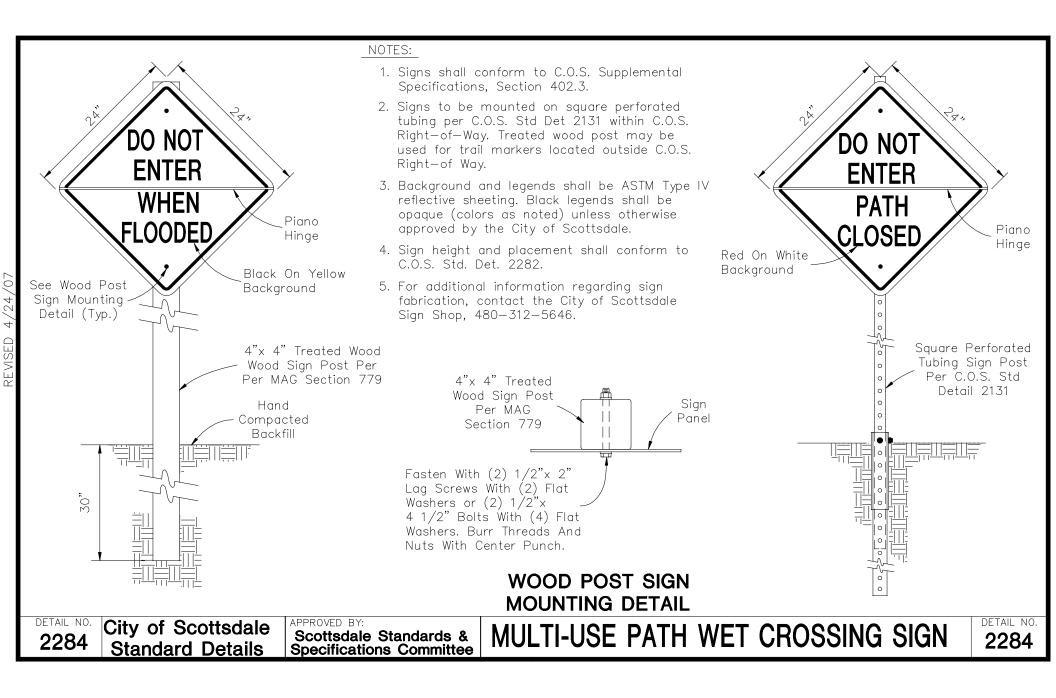


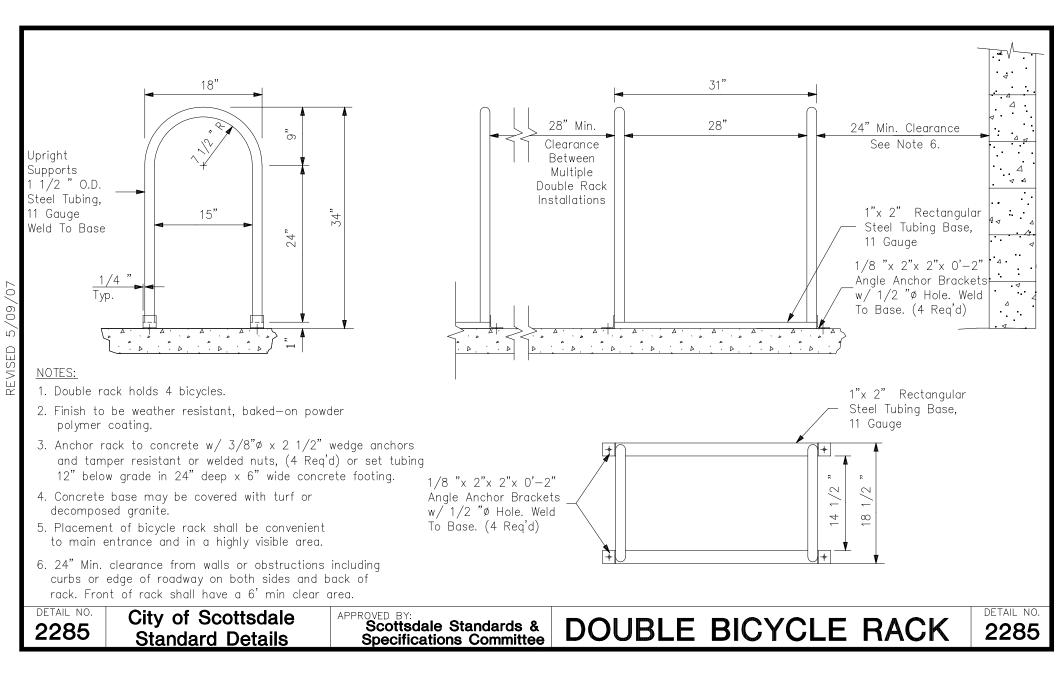


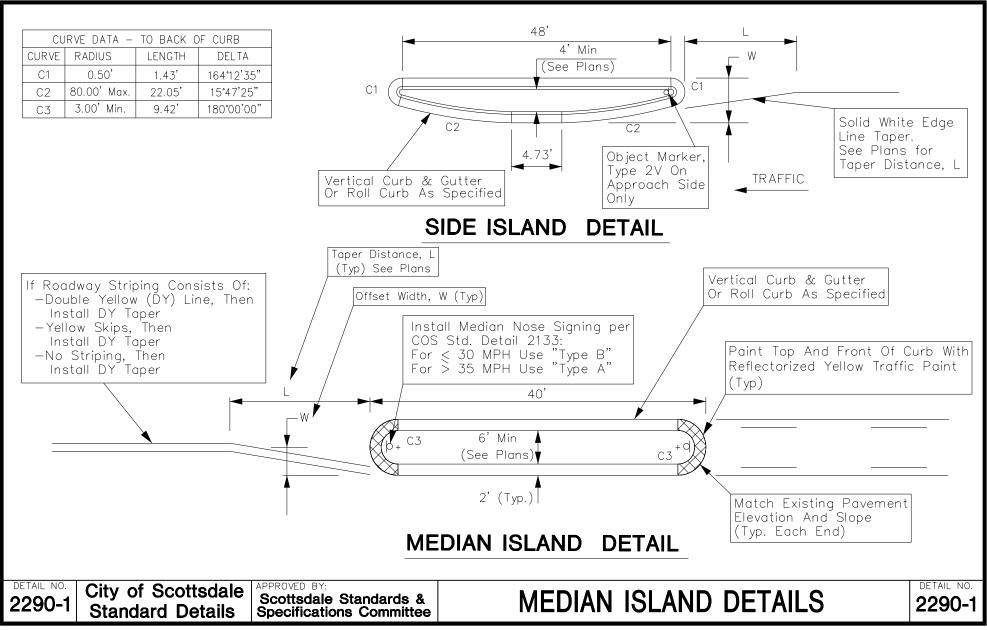
Specifications Committee

01/13 REVISED

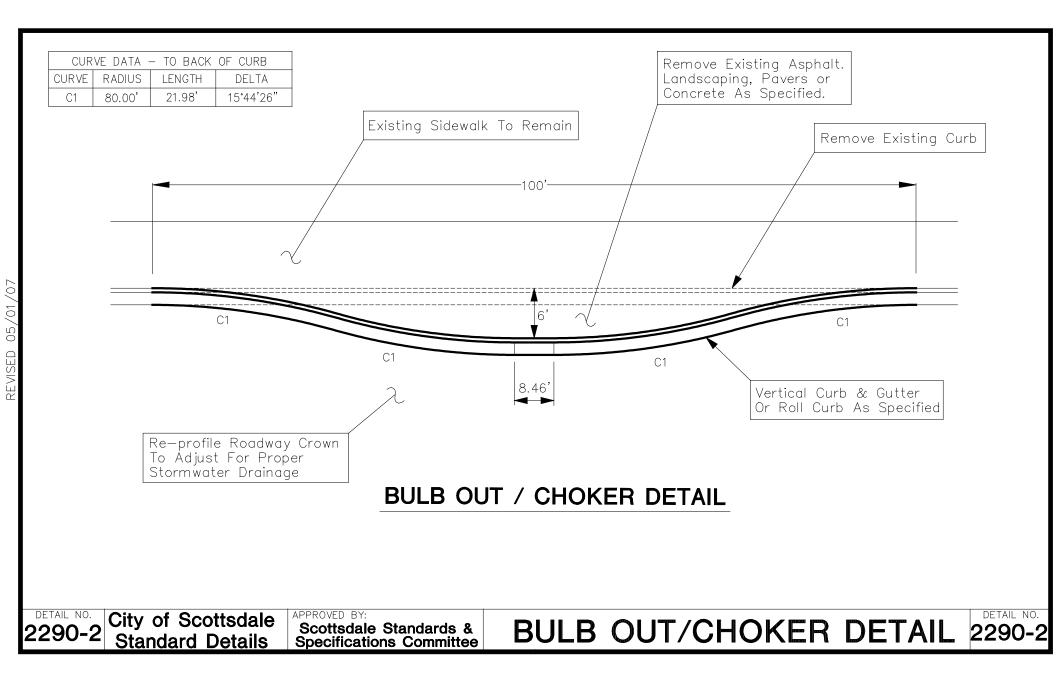
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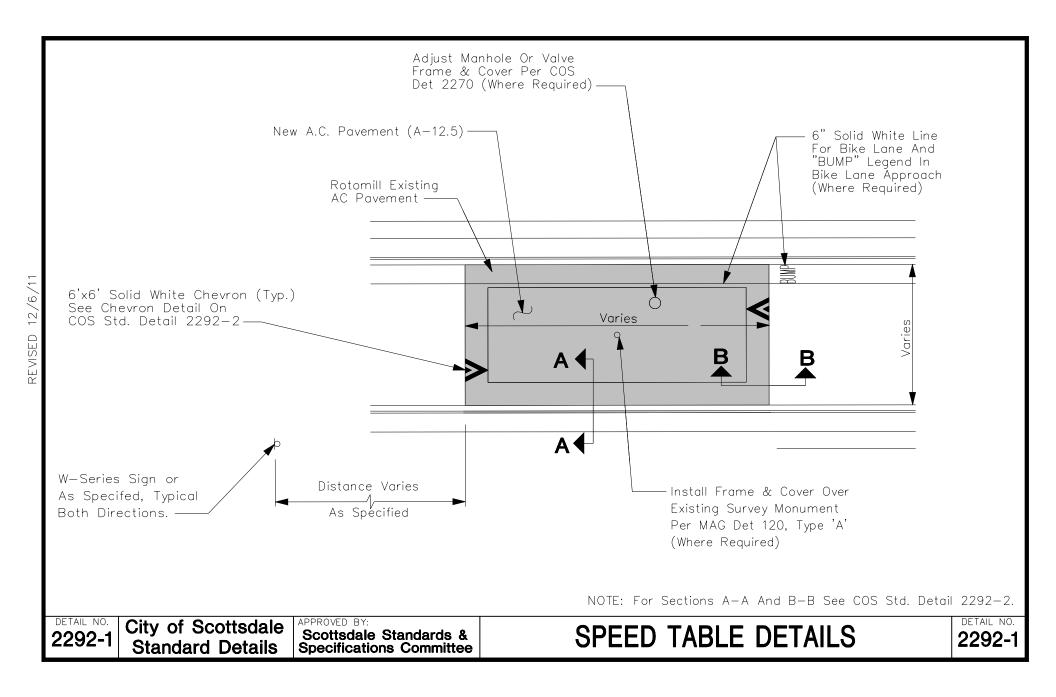


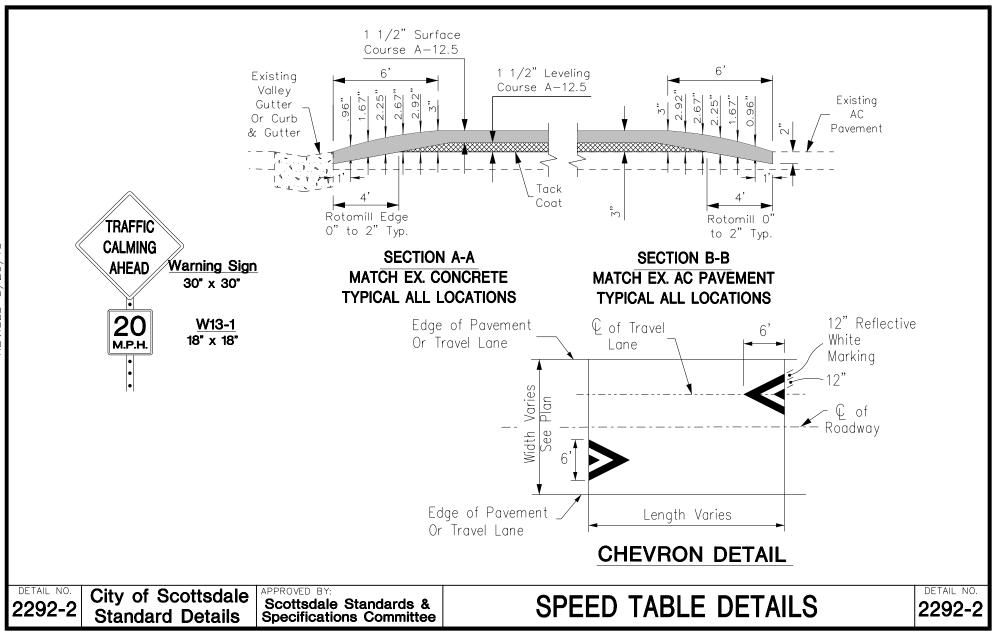


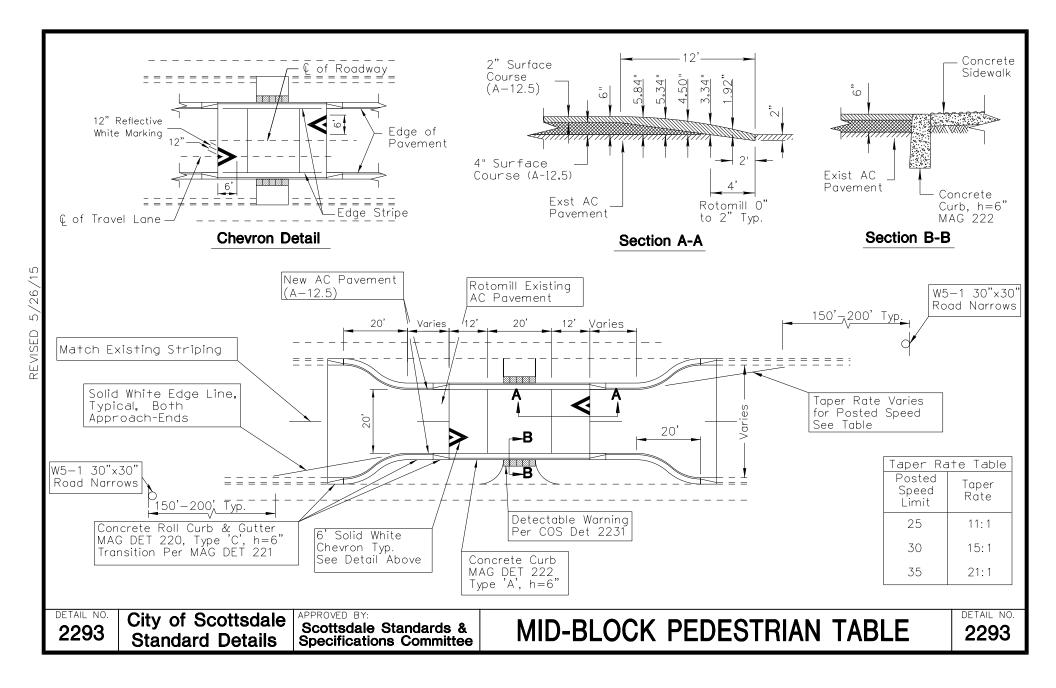


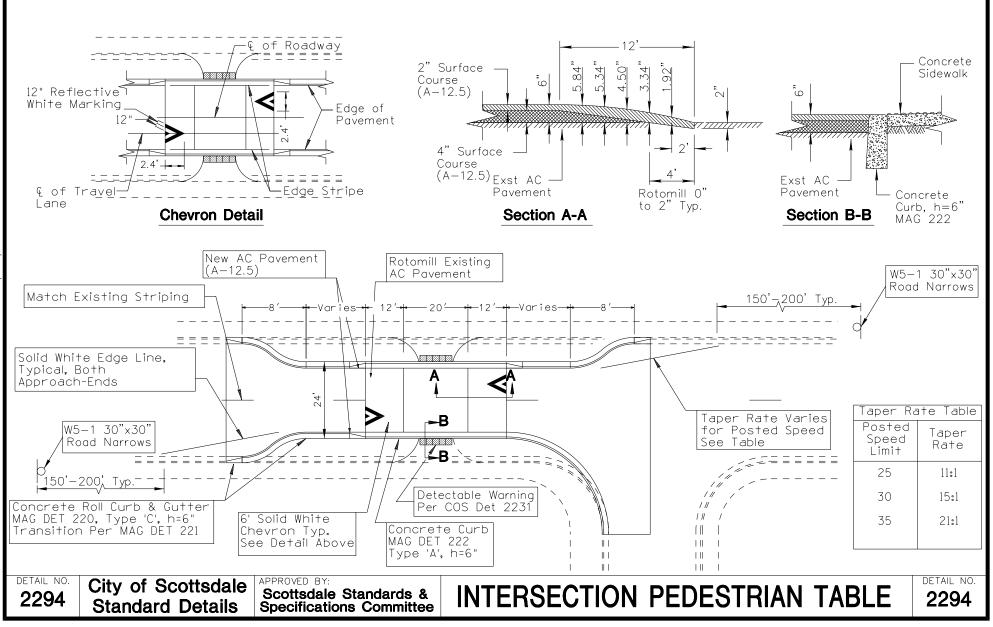
REVISED 5/26/15



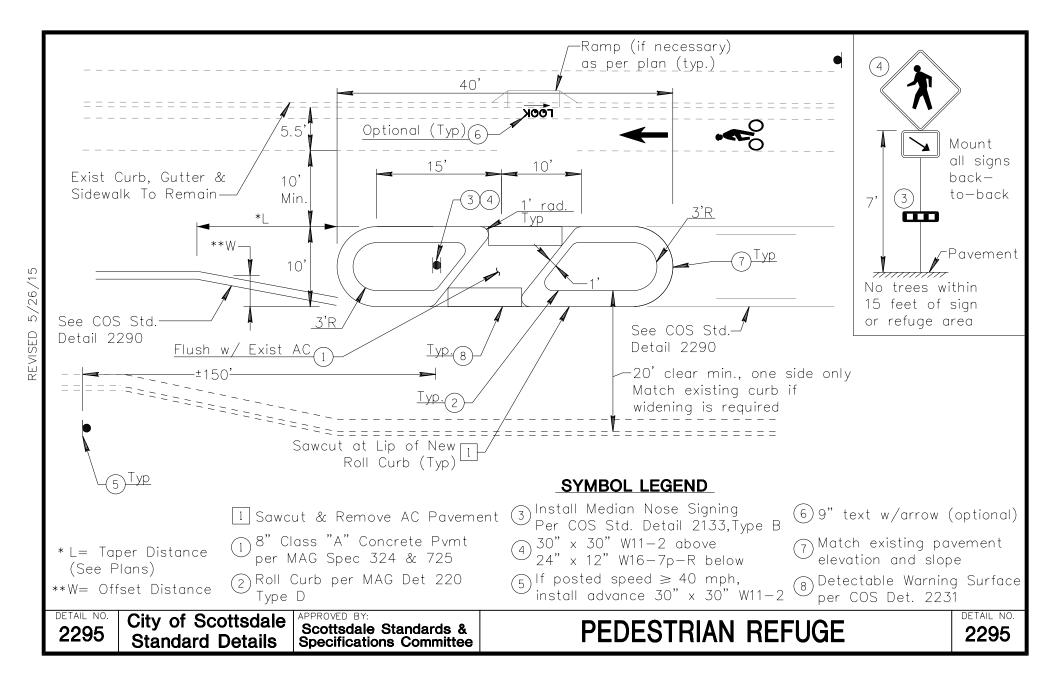


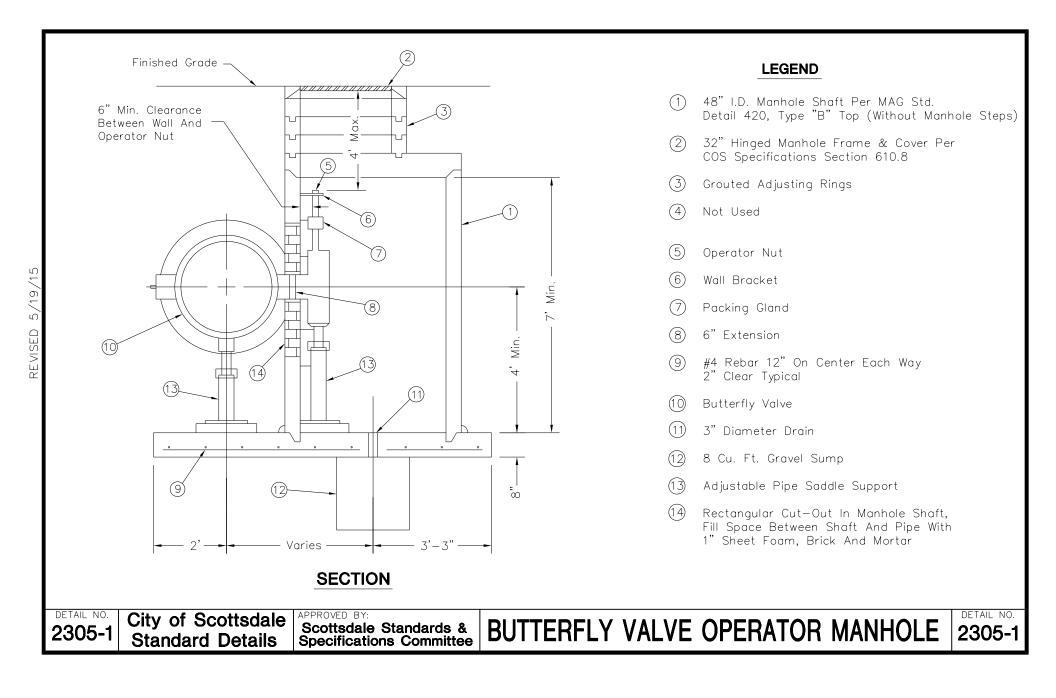


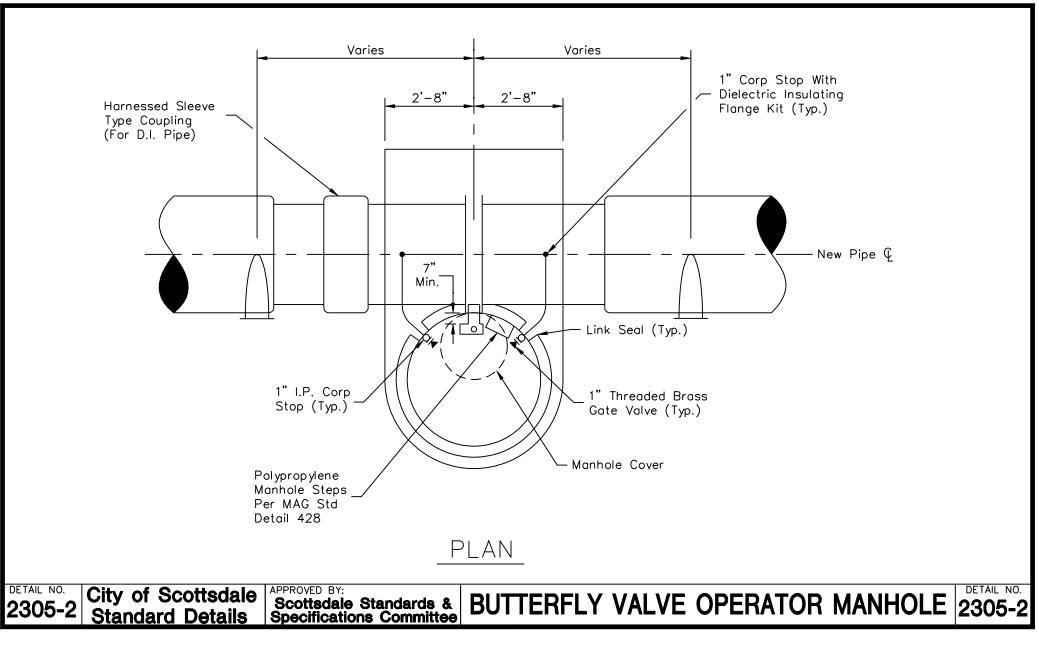


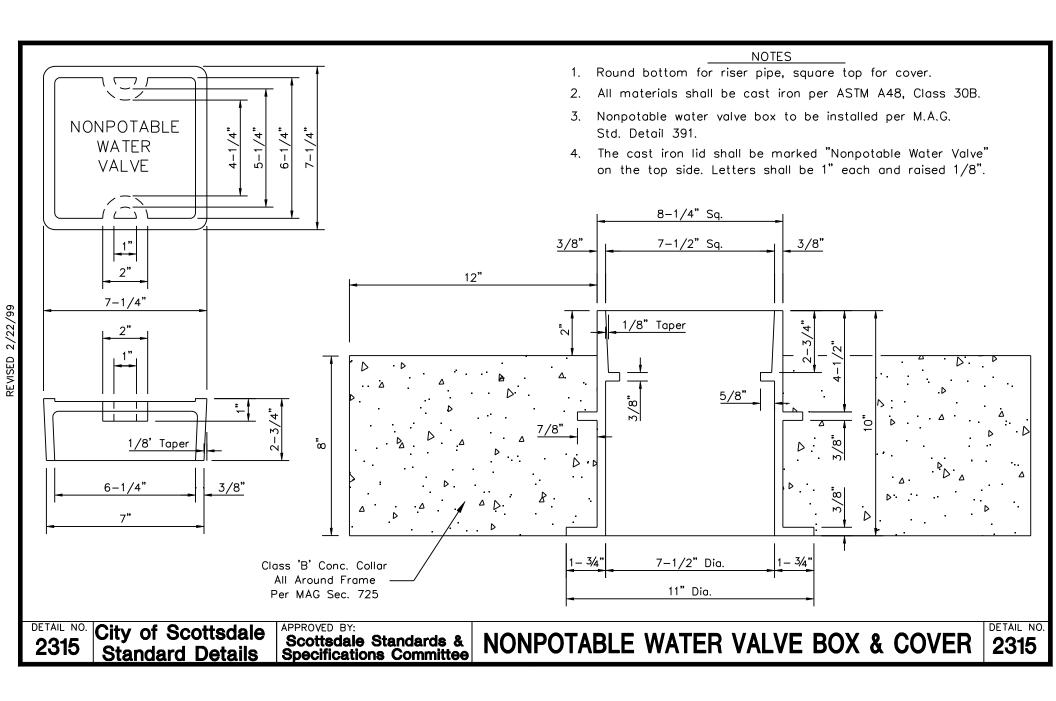


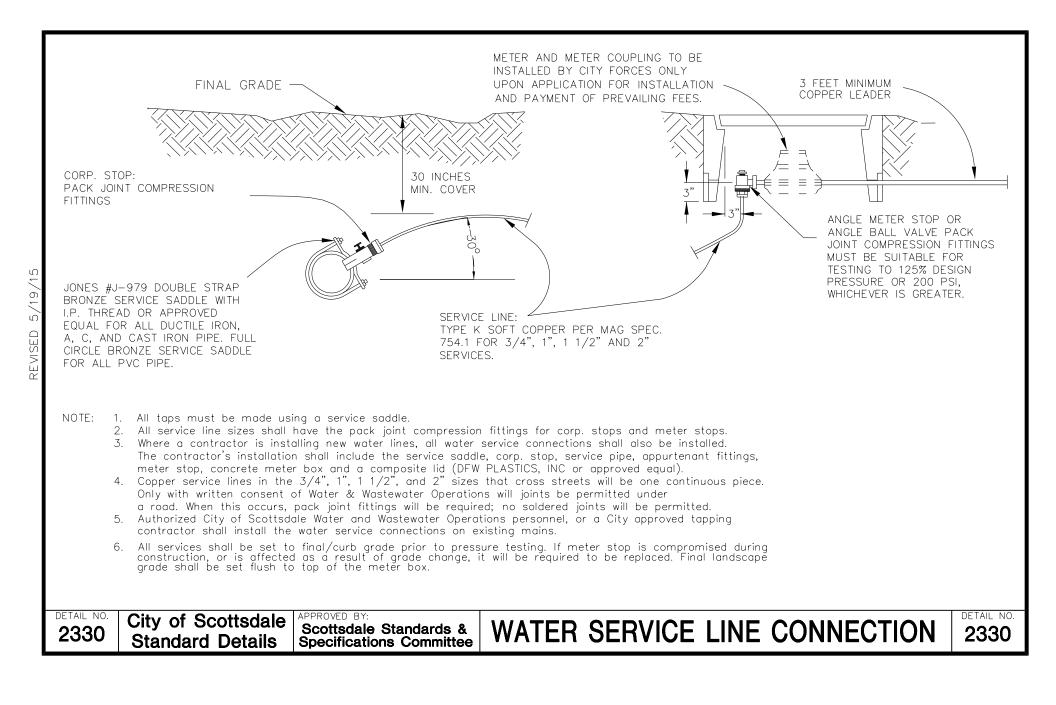
REVISED 5/26/15

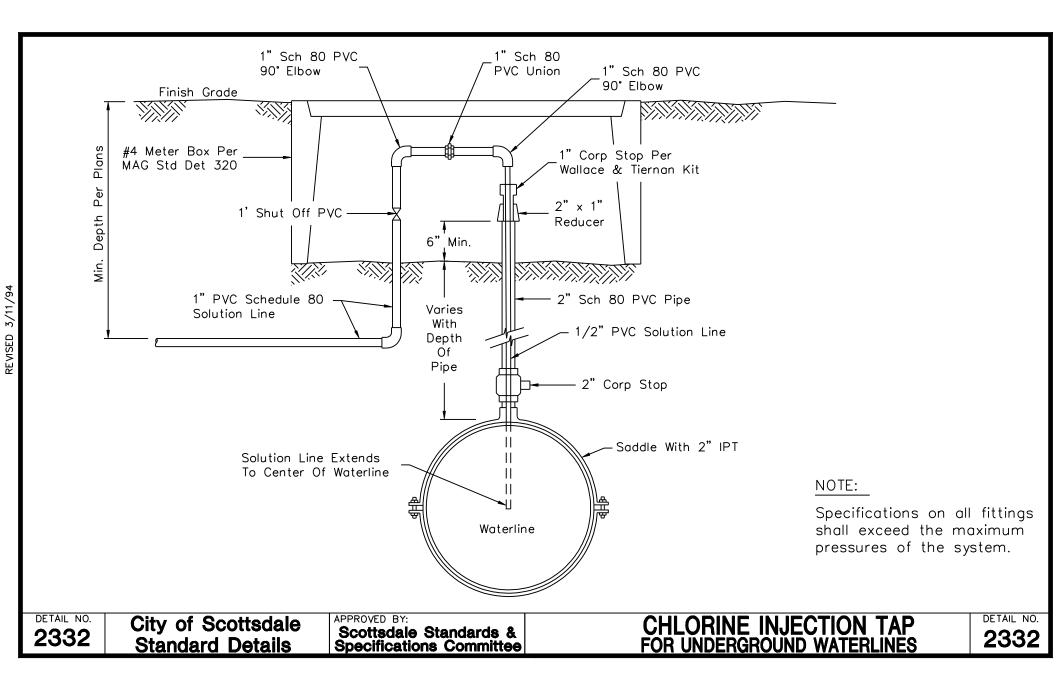


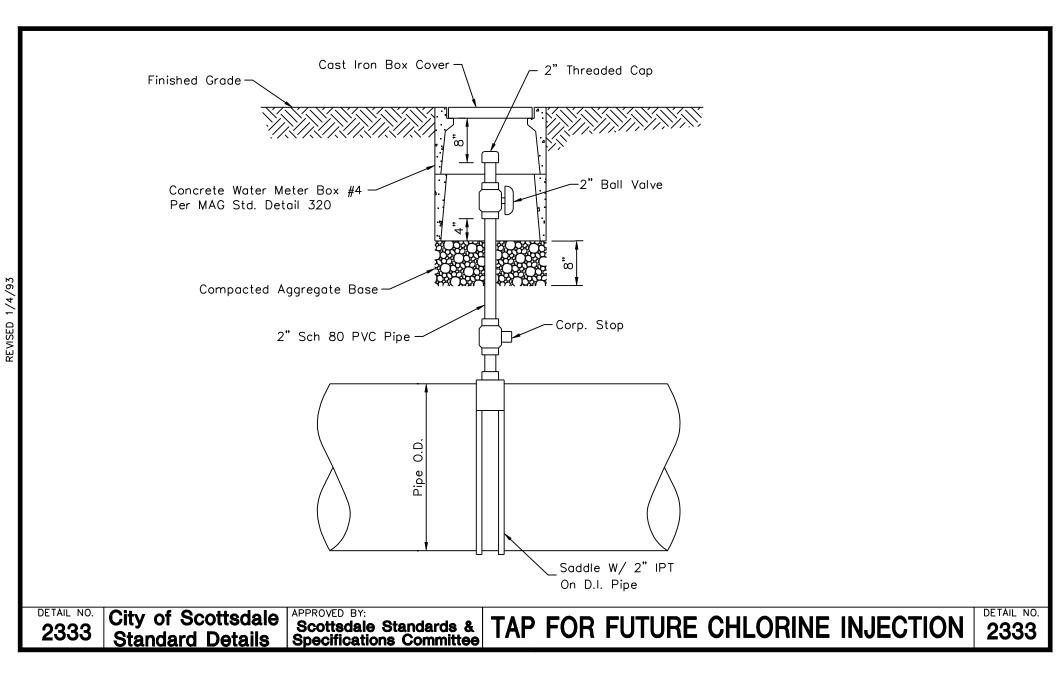


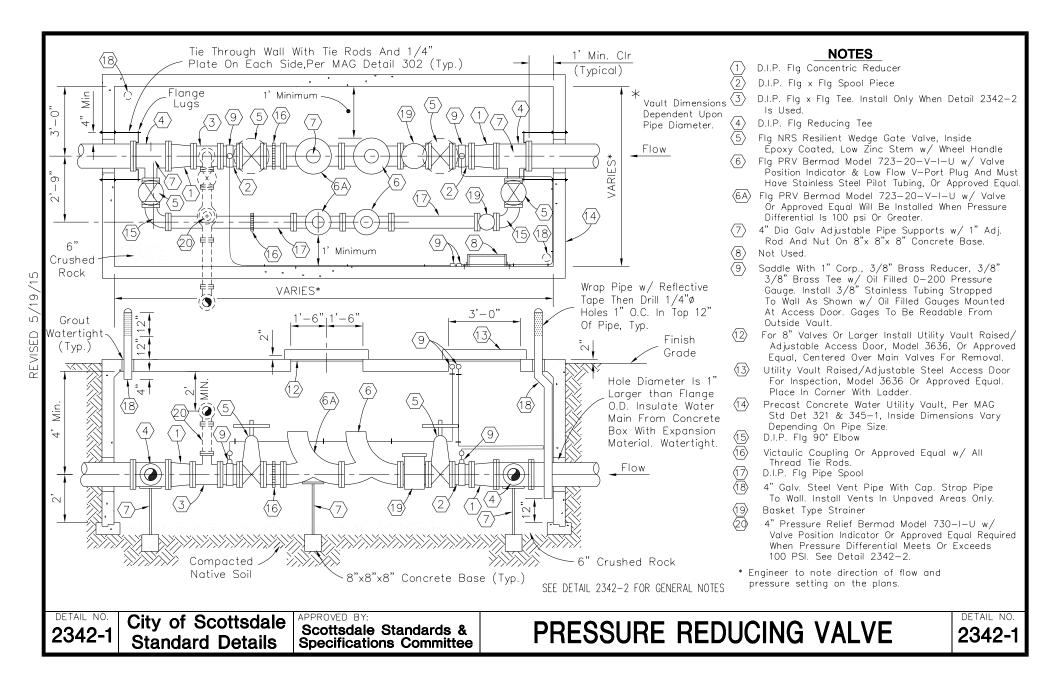


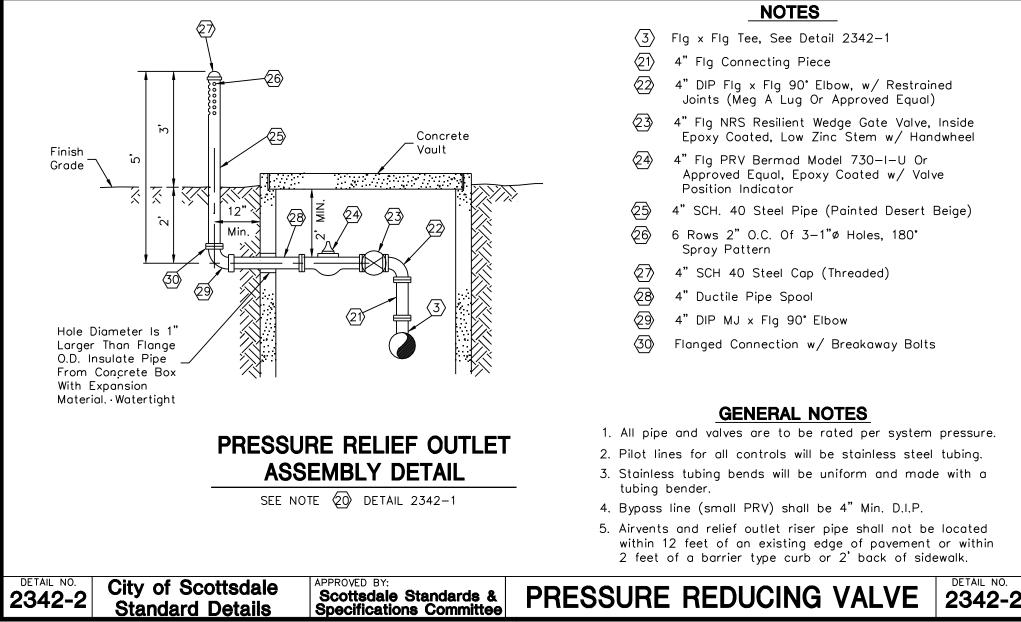


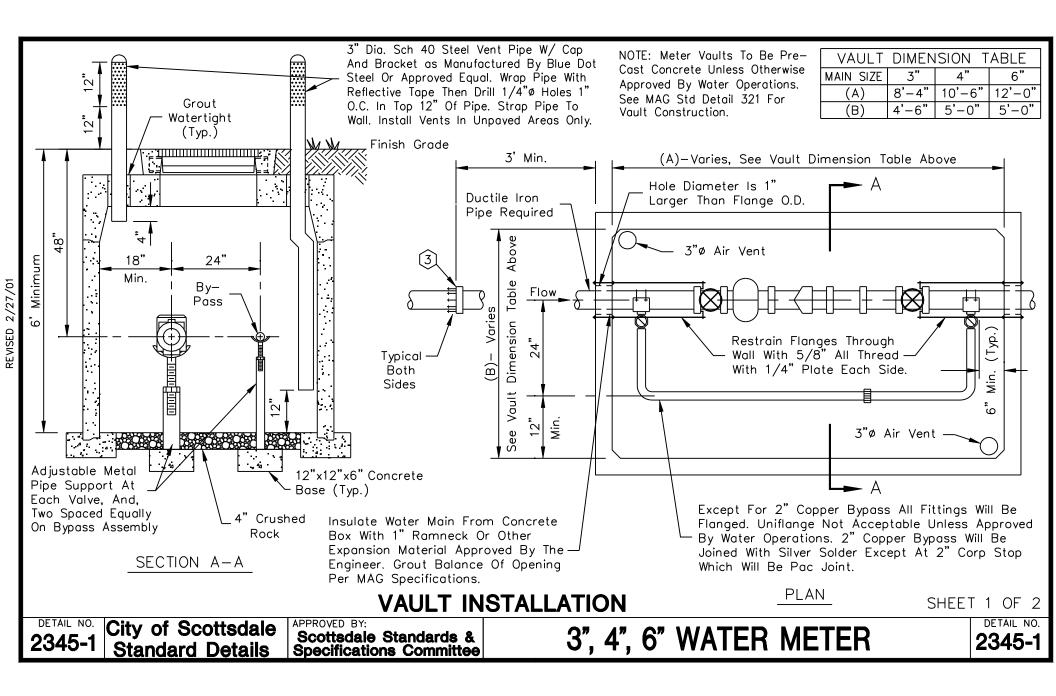


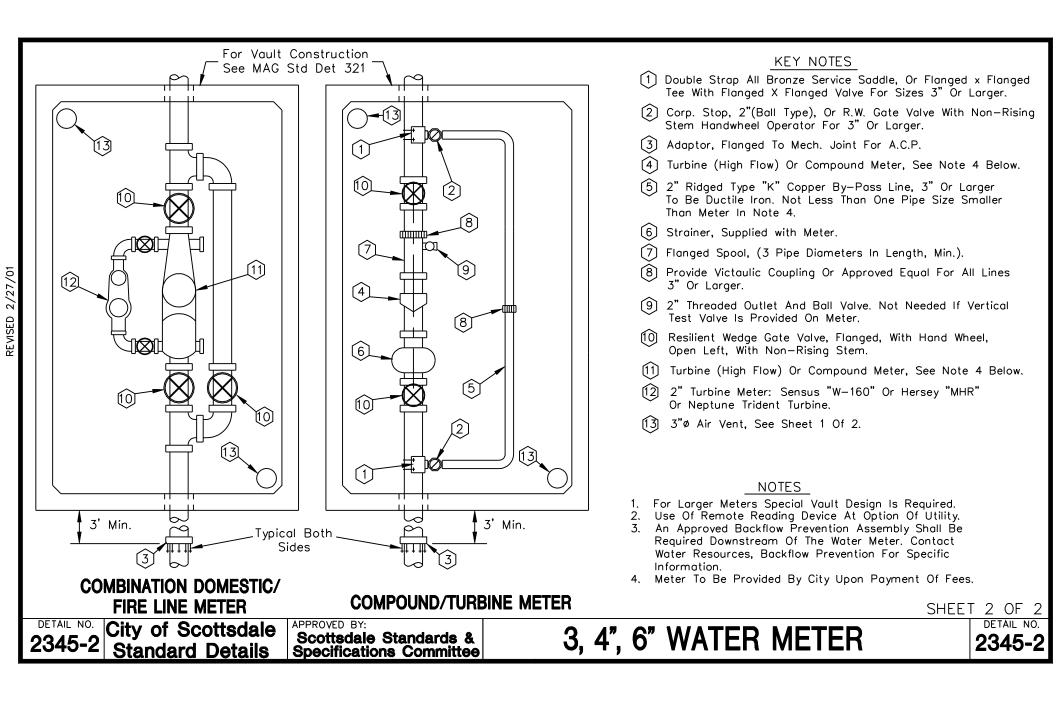


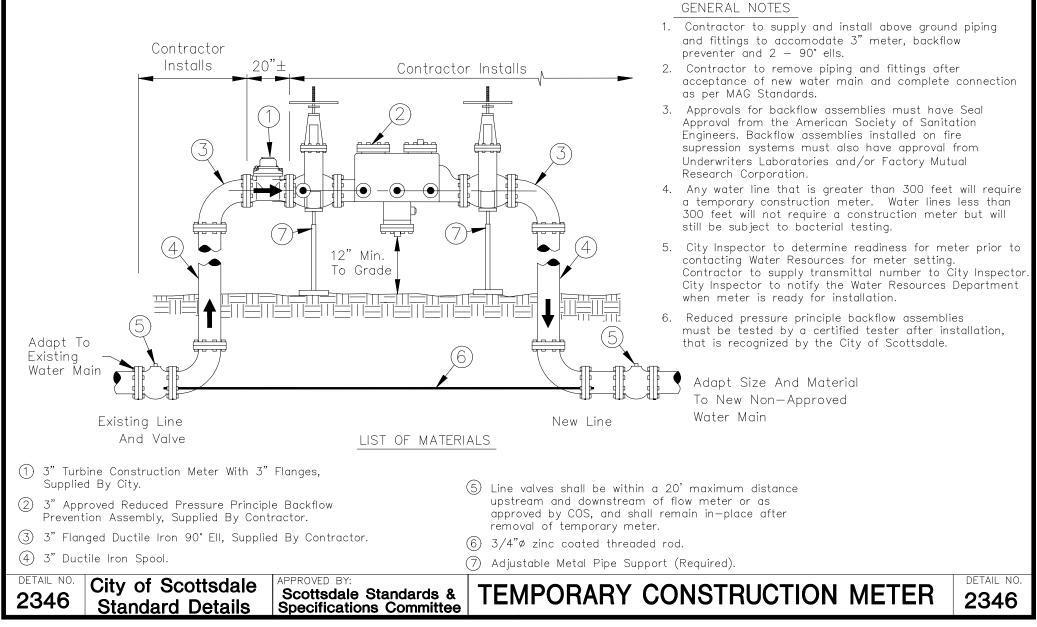


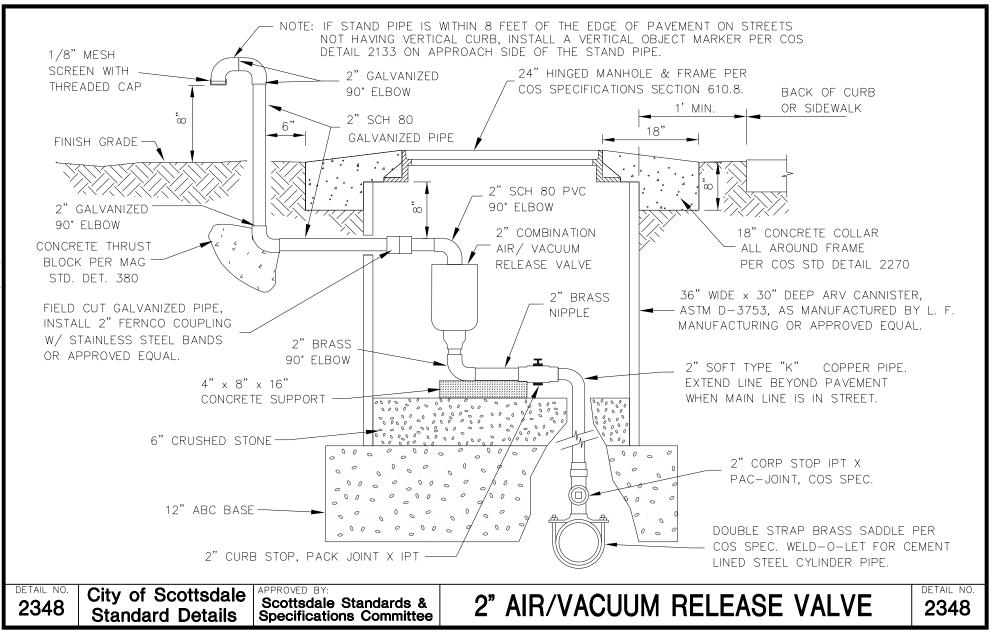


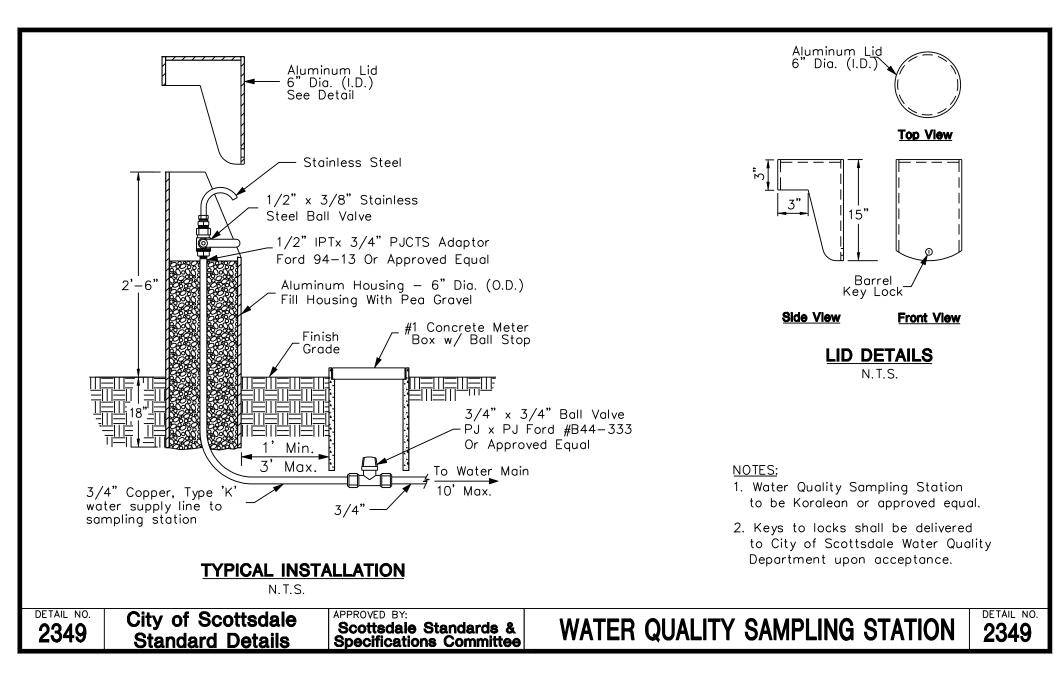


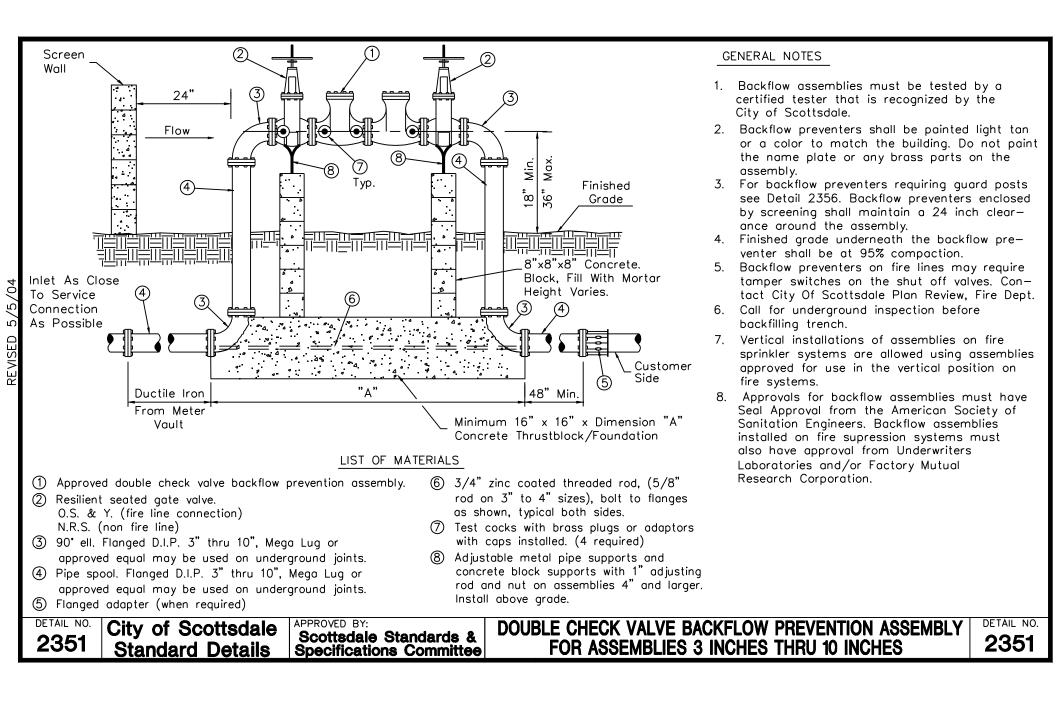


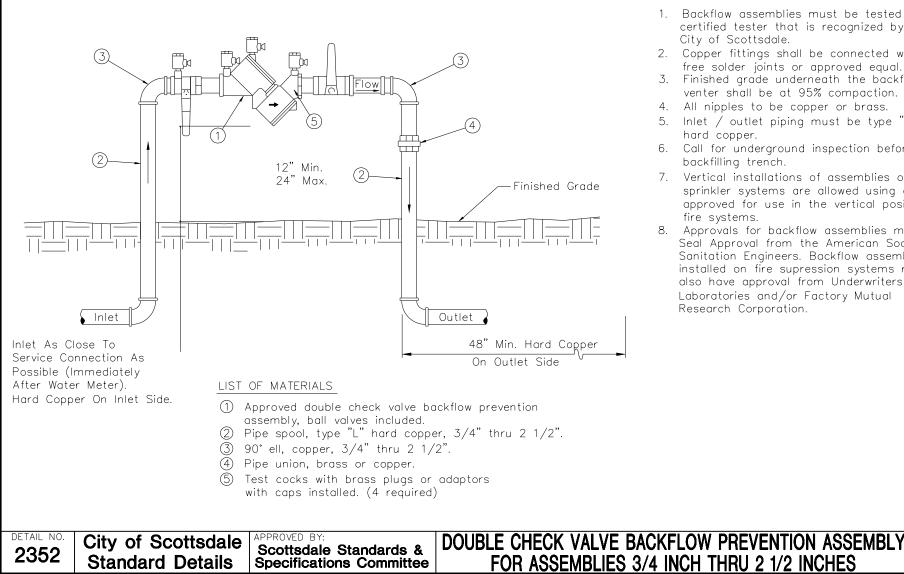










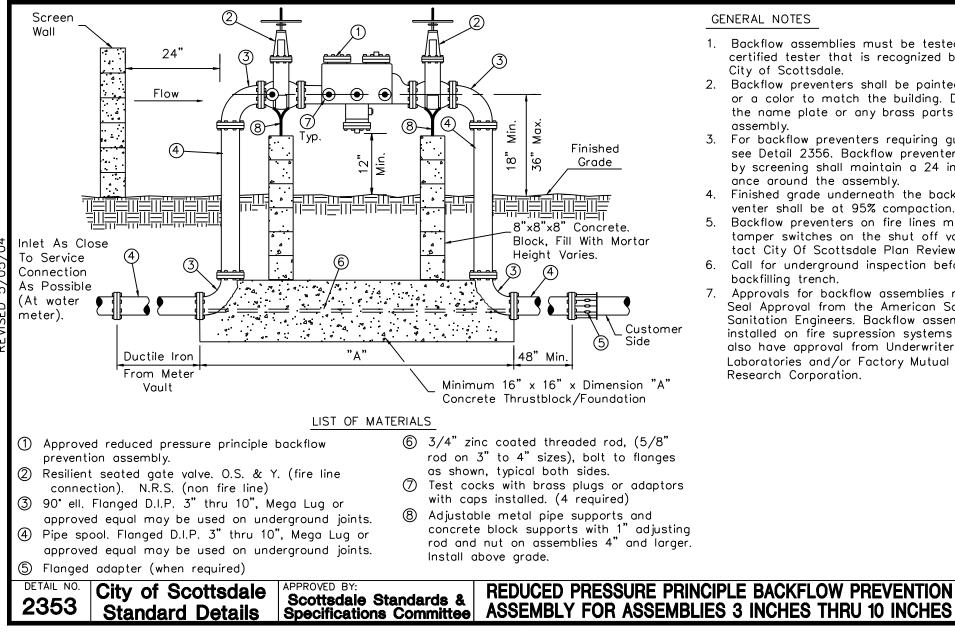


GENERAL NOTES

- 1. Backflow assemblies must be tested by a certified tester that is recognized by the City of Scottsdale.
- 2. Copper fittings shall be connected with lead free solder joints or approved equal.
- 3. Finished grade underneath the backflow preventer shall be at 95% compaction.
- All nipples to be copper or brass.
- 5. Inlet / outlet piping must be type "K" hard copper.
- Call for underground inspection before backfilling trench.
- 7. Vertical installations of assemblies on fire sprinkler systems are allowed using assemblies approved for use in the vertical position on fire systems.
- 8. Approvals for backflow assemblies must have Seal Approval from the American Society of Sanitation Engineers. Backflow assemblies installed on fire supression systems must also have approval from Underwriters Laboratories and/or Factory Mutual Research Corporation.

DETAIL NO.

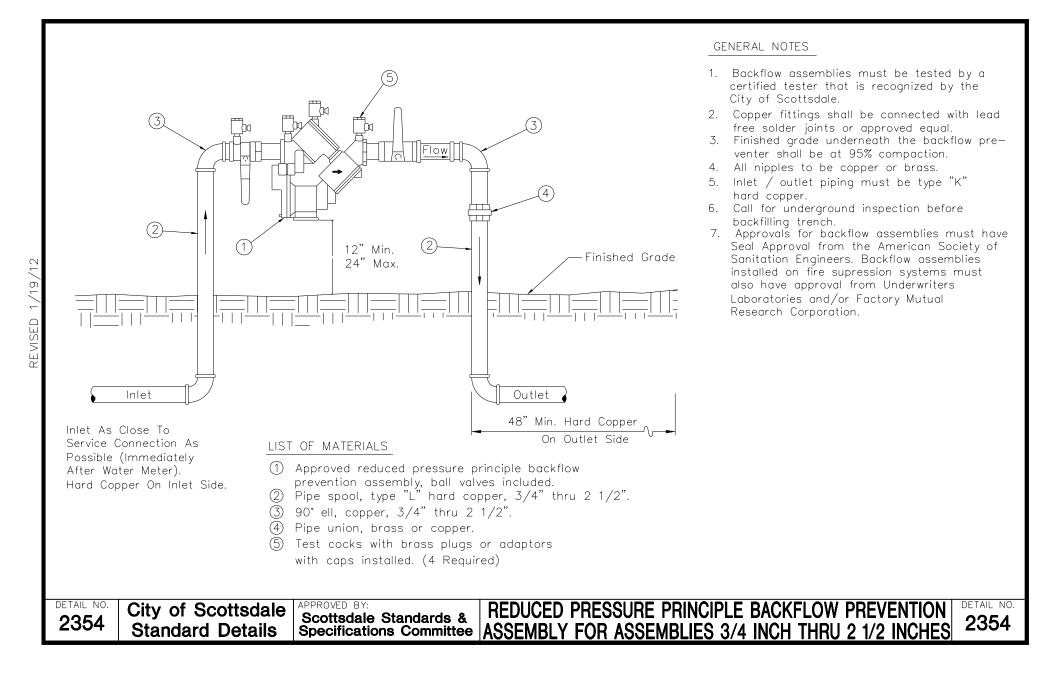
2352

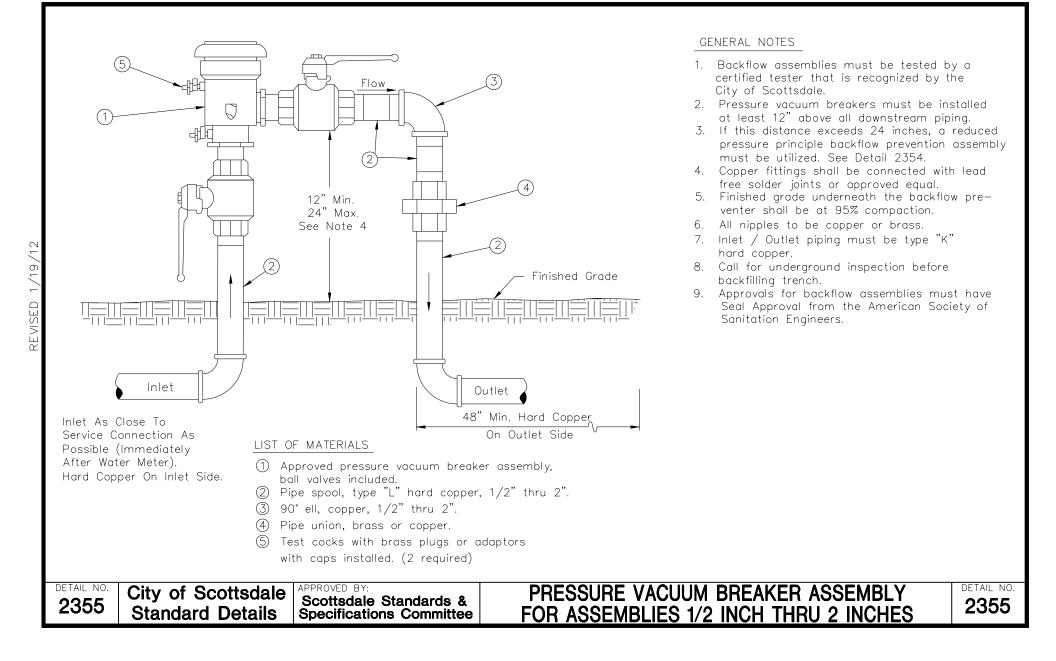


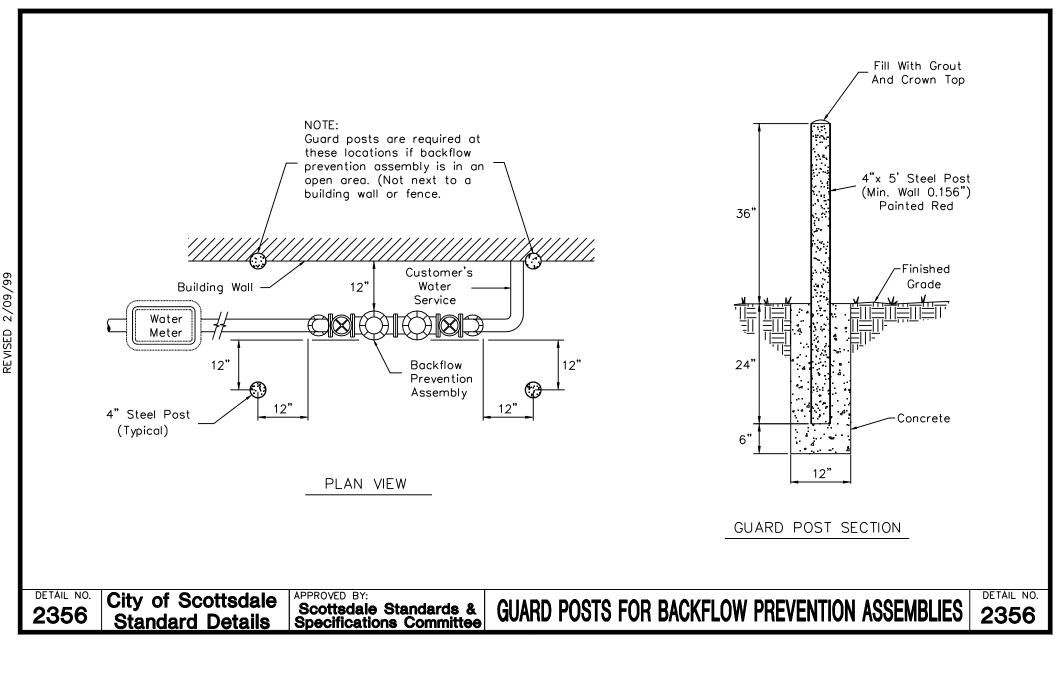
- 1. Backflow assemblies must be tested by a certified tester that is recognized by the City of Scottsdale.
- 2. Backflow preventers shall be painted light tan or a color to match the building. Do not paint the name plate or any brass parts on the
- 3. For backflow preventers requiring guard posts see Detail 2356. Backflow preventers enclosed by screening shall maintain a 24 inch clearance around the assembly.
- 4. Finished grade underneath the backflow preventer shall be at 95% compaction.
- Backflow preventers on fire lines may require tamper switches on the shut off valves. Contact City Of Scottsdale Plan Review, Fire Dept.
- 6. Call for underground inspection before backfilling trench.
- 7. Approvals for backflow assemblies must have Seal Approval from the American Society of Sanitation Engineers. Backflow assemblies installed on fire supression systems must also have approval from Underwriters Laboratories and/or Factory Mutual Research Corporation.

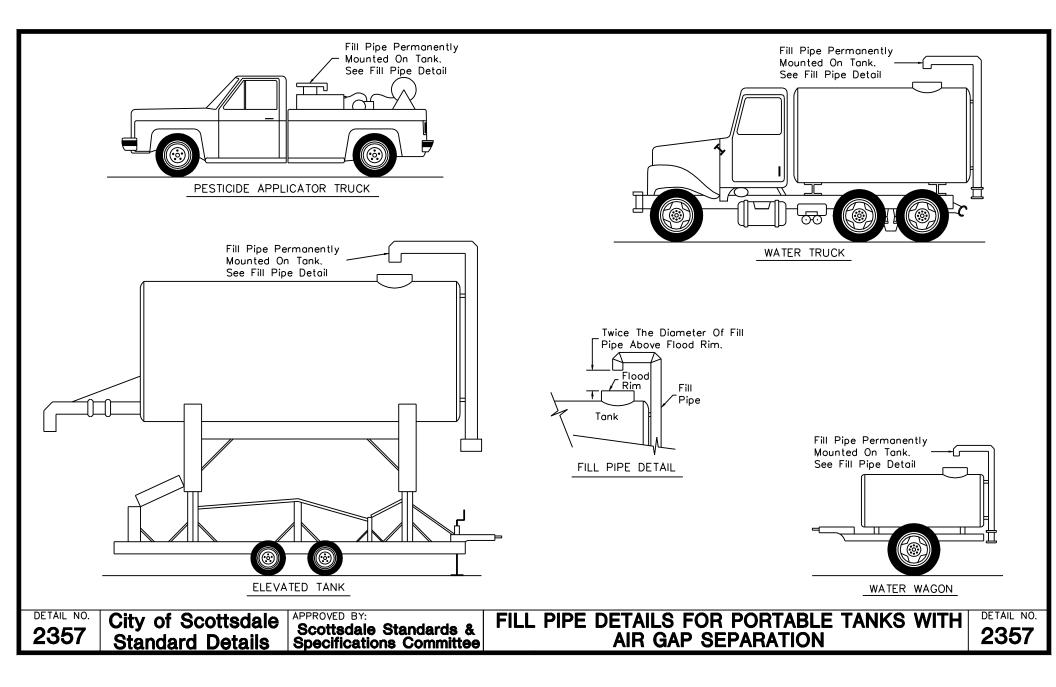
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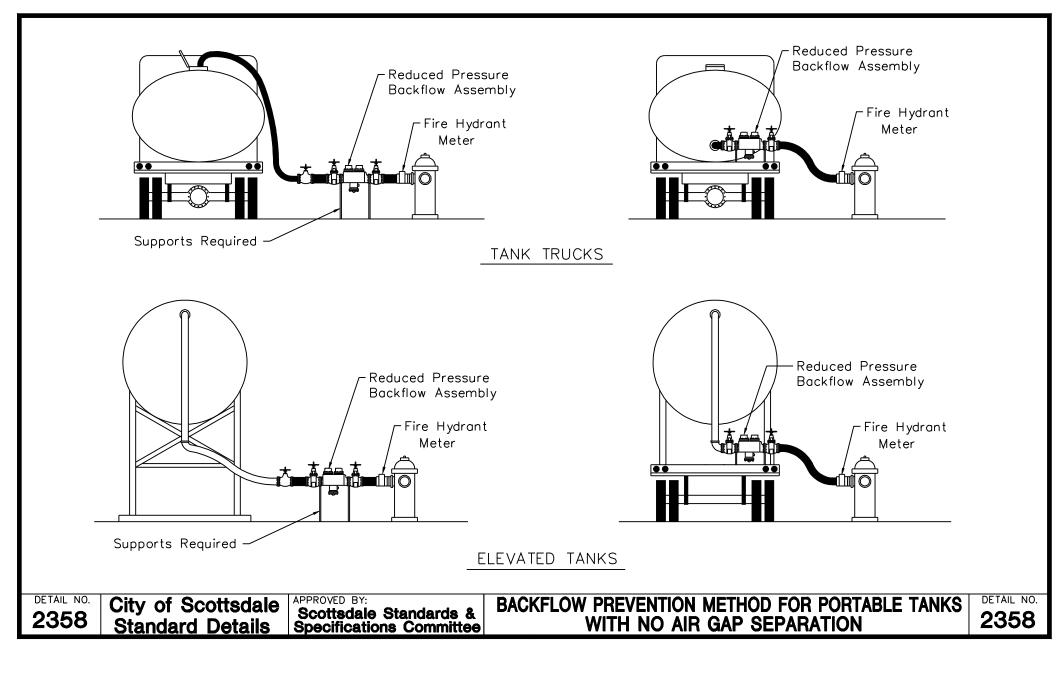
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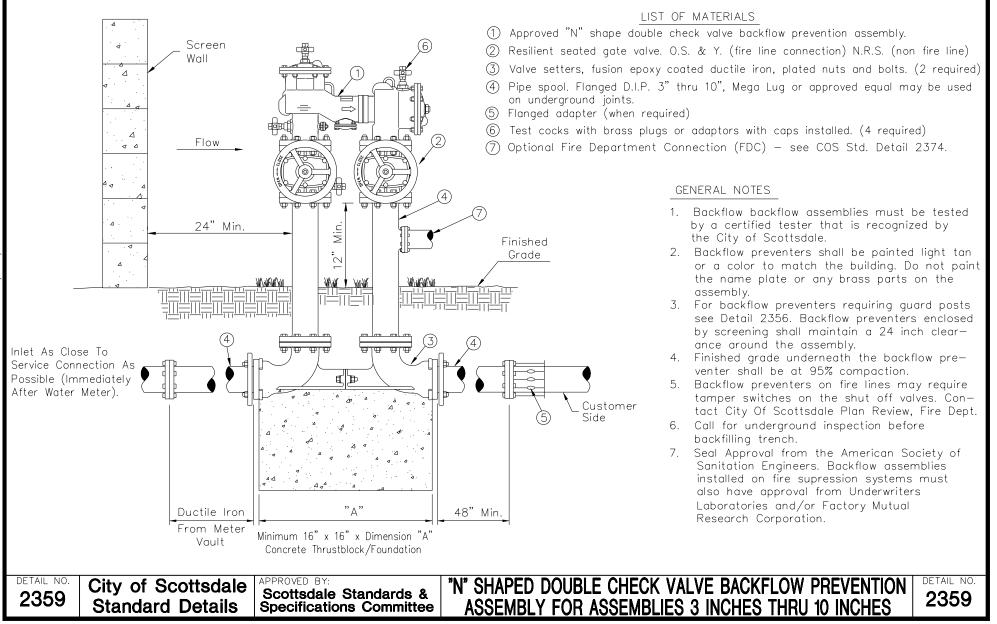




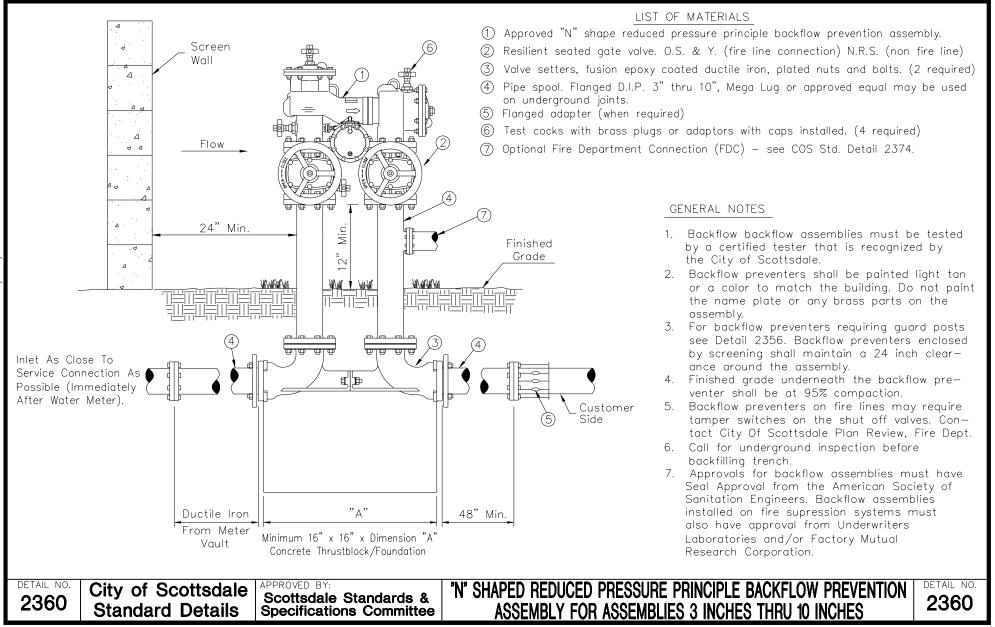


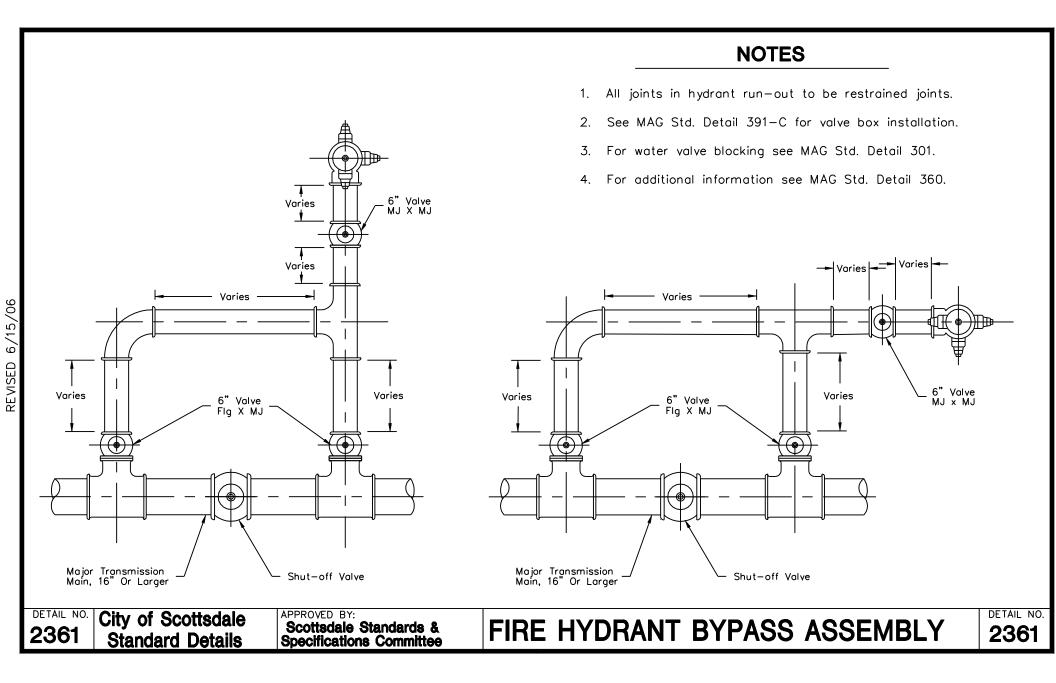


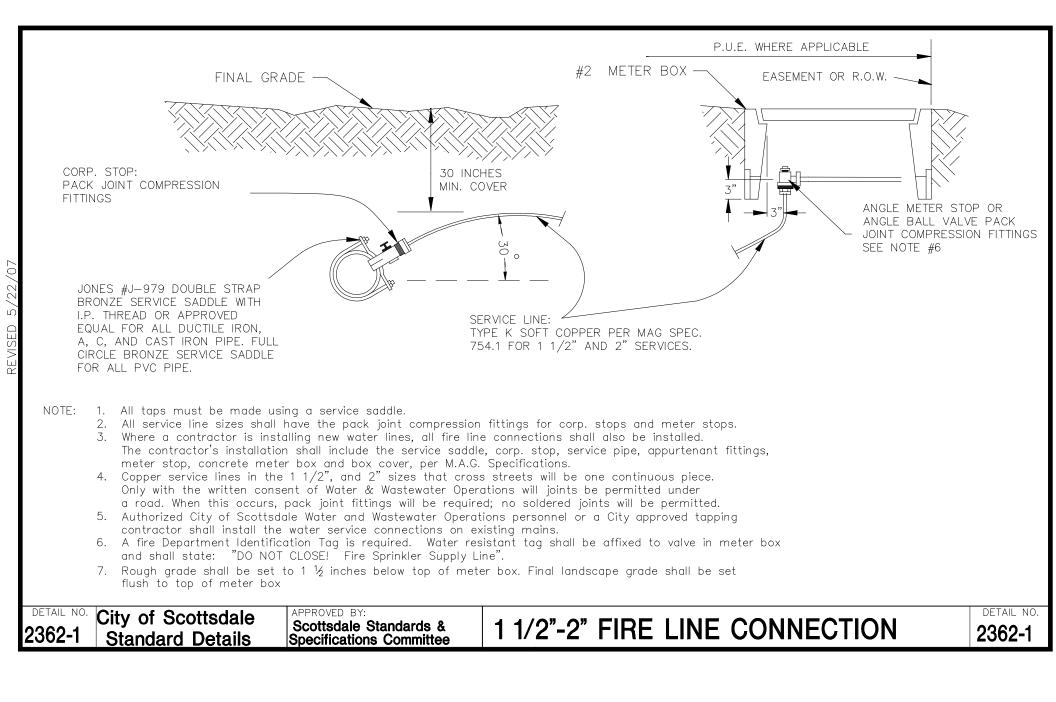


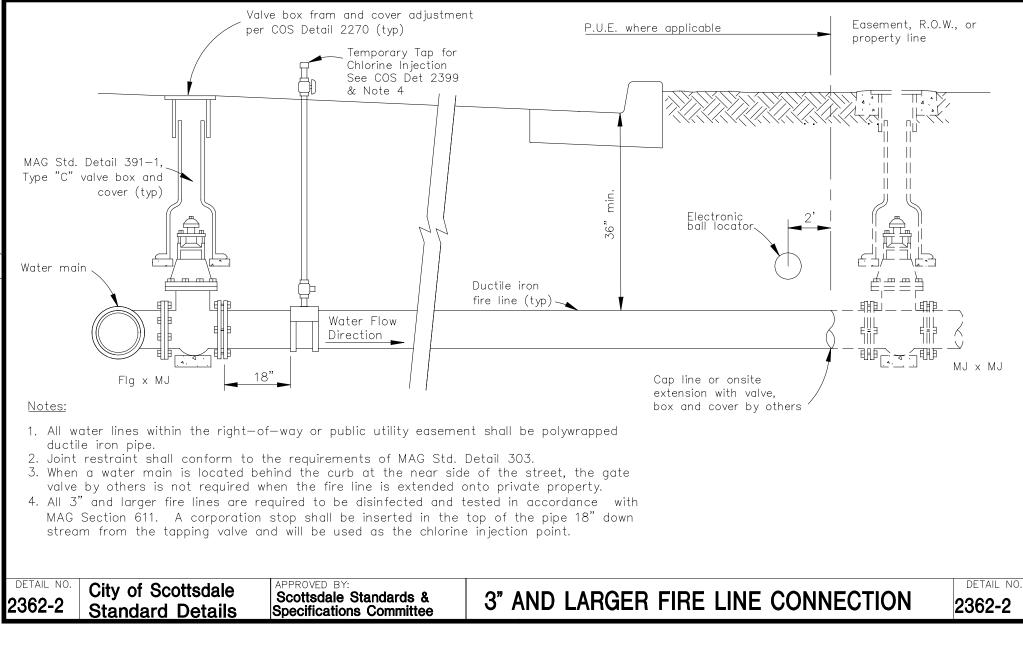


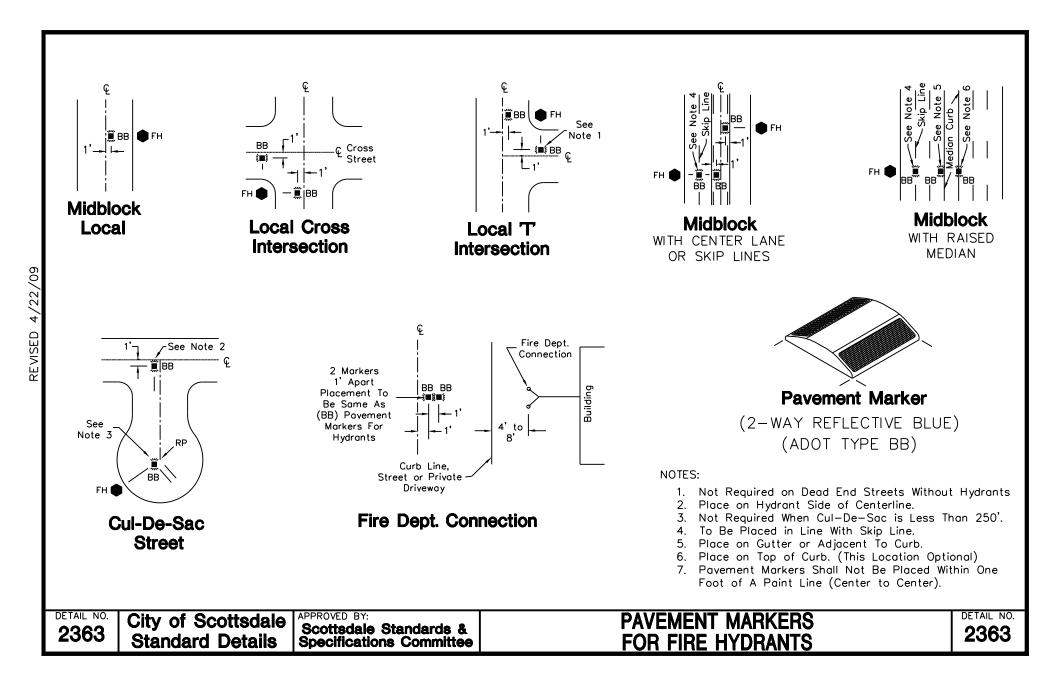
REVISED 1/20/12

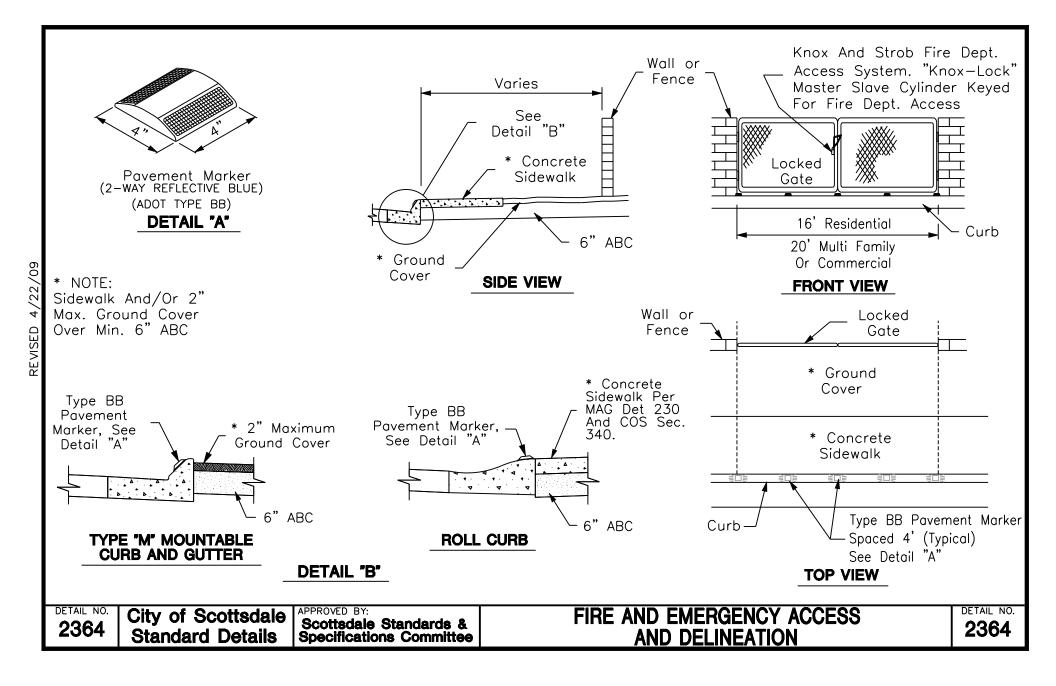












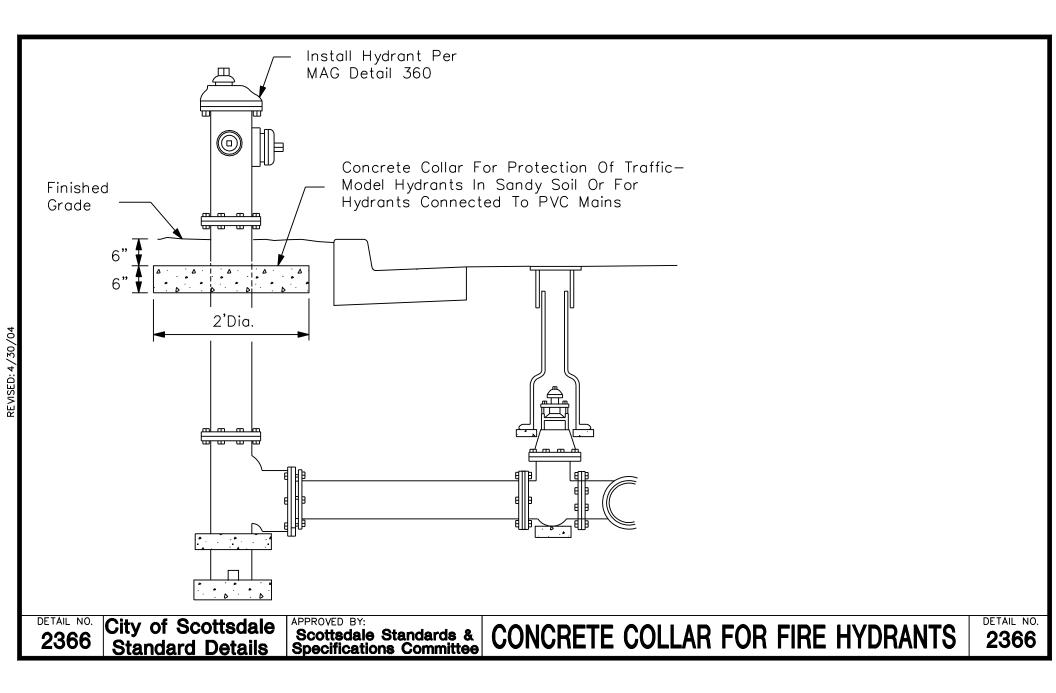
	<u> </u>	12"
		NO PARKING
REVISED 4/15/09		FIRE 2.5" 2.5" 1" 2.5" 2.5" 2.5" 1" CITY ORDINANCE 1" 2.5" 2.5" 2.5"
	DETAIL NO. 2365	City of ScottsdaleAPPROVED BY: Scottsdale Standards & Specifications Committee

NOTES:

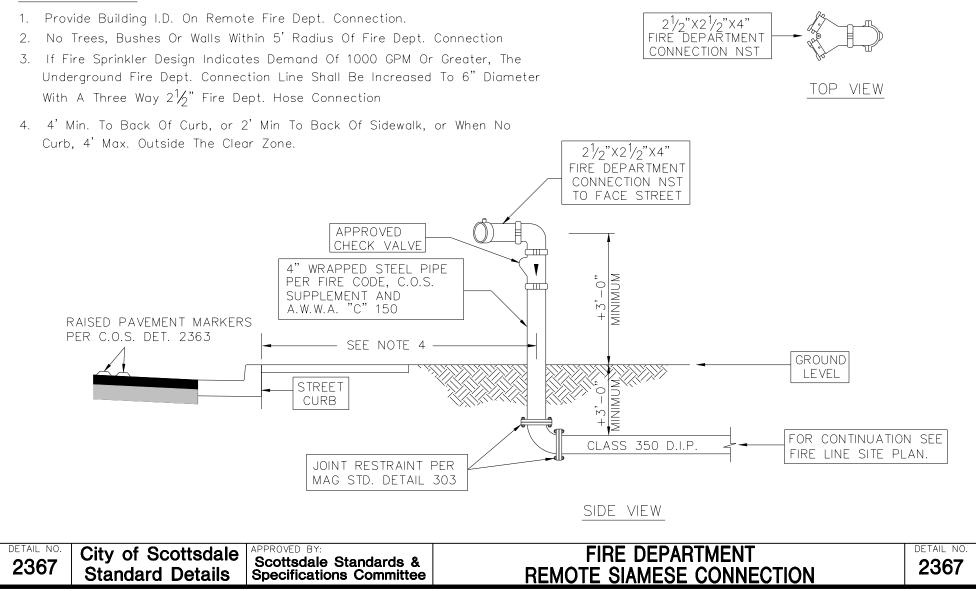
- 1. At the beginning and end of the fire lane, the sign shall have a single headed arrow pointing in the direction the regulation is in effect. The intermediate signs shall have double headed arrows pointing in both directions.
- 2. The maximum spacing of the signs shall be 100', contingent upon Traffic Engineering's review and approval.
- 3. The signs shall be set at an angle of not less than 30° nor more than 45° with the curb or line of traffic flow
- 4. The clearance to the bottom of the sign shall be 7 feet. There shall be no other signs attached to the sign or the sign pole.
- 5. The sign substrate shall be a minimum of 12" x 18" treated aluminum with a thickness of 0.080".
- 6. The sign face shall have a white, ASTM Type IV reflective background with a red screen printed or translucent acrylic EC overlay film reflective legend. Use the standard sign face number R7-32 or equivalent incorporating additional information to complete the sign as shown.

FIRE LANE SIGN

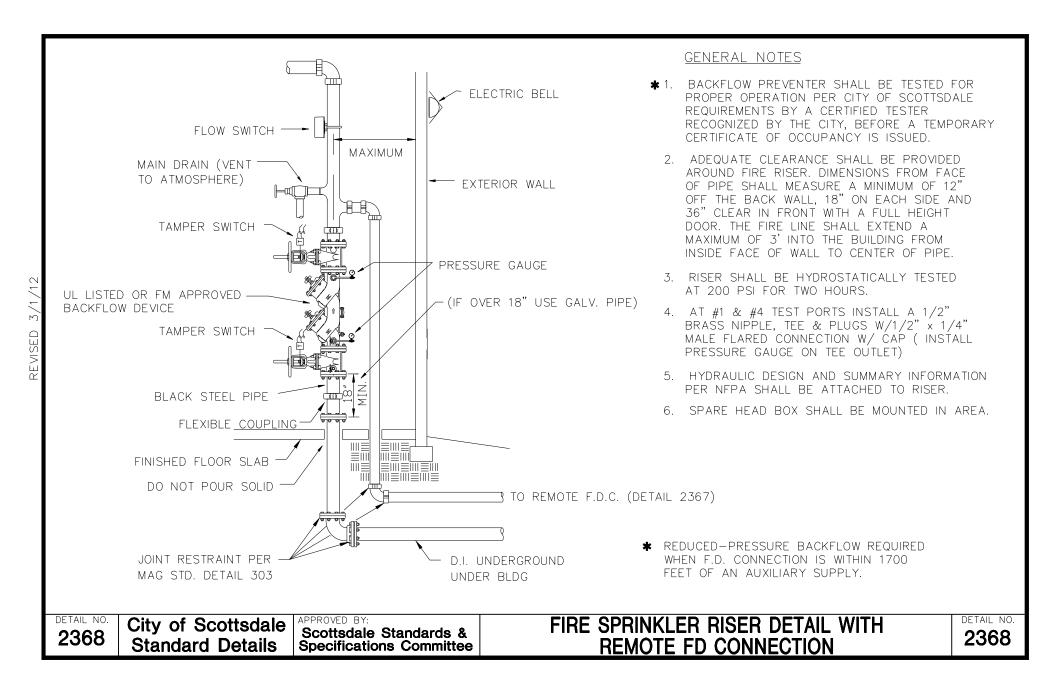


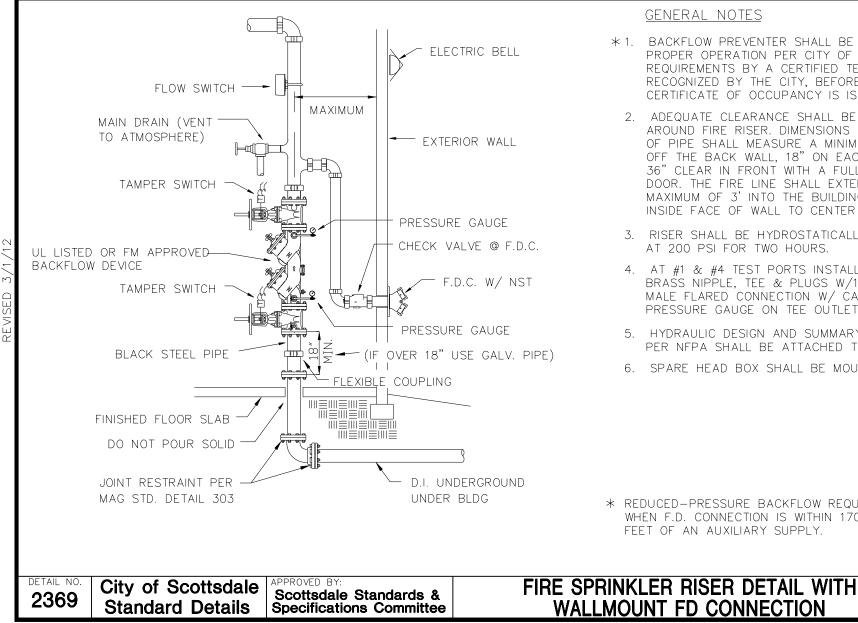


GENERAL NOTES



REVISED 12/21/11





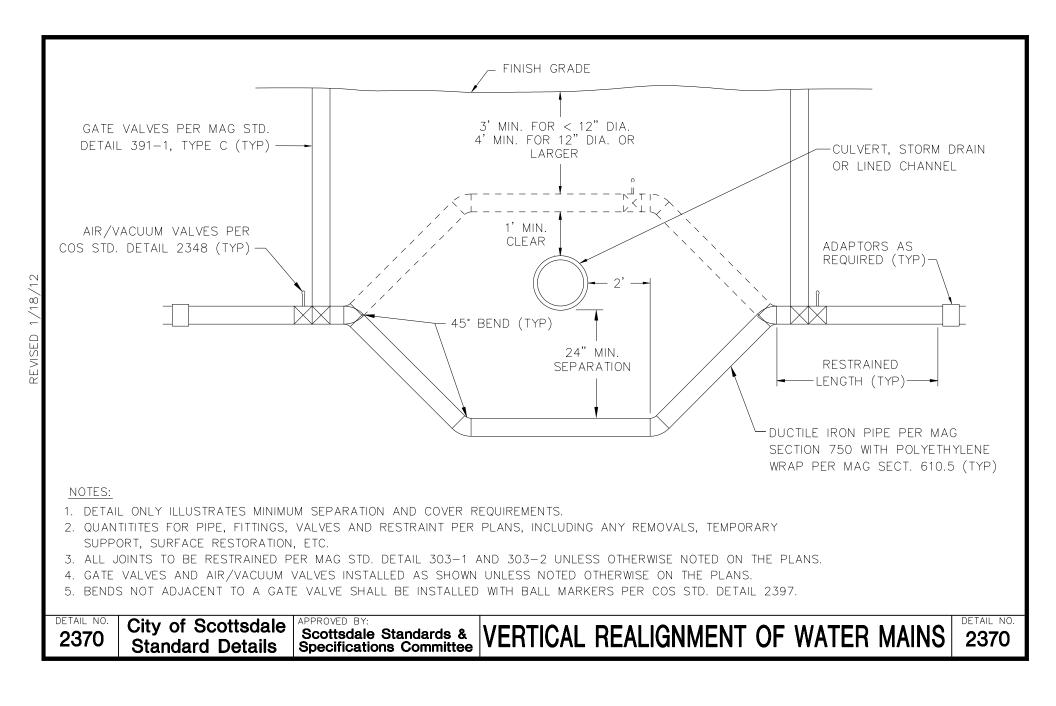
GENERAL NOTES

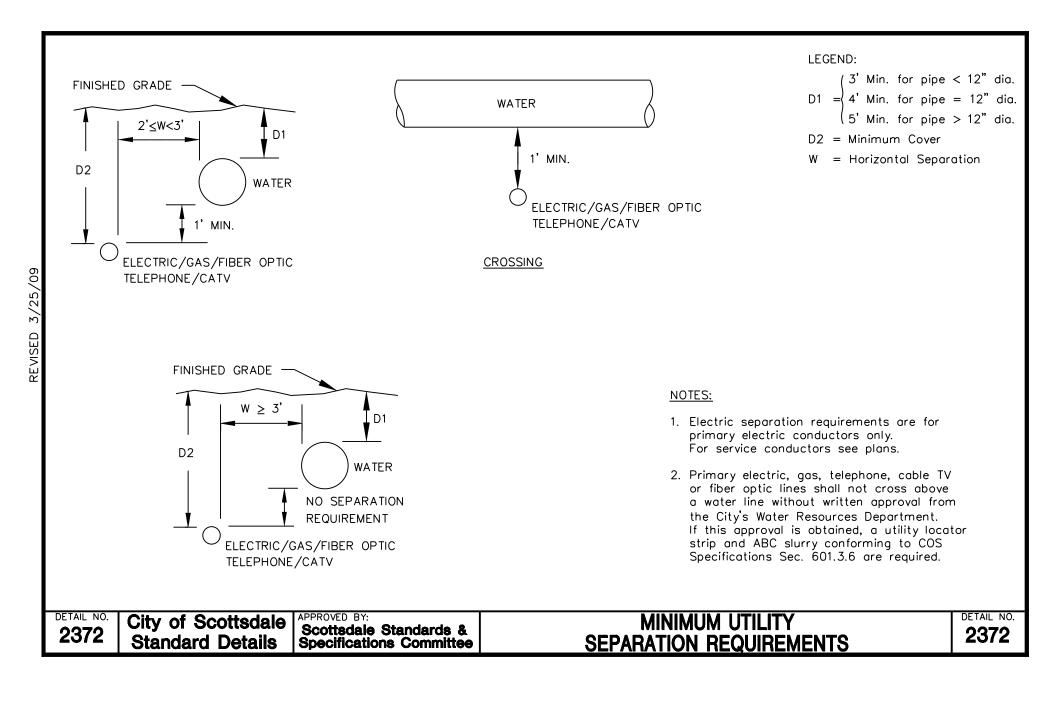
- * 1. BACKFLOW PREVENTER SHALL BE TESTED FOR PROPER OPERATION PER CITY OF SCOTTSDALE REQUIREMENTS BY A CERTIFIED TESTER RECOGNIZED BY THE CITY, BEFORE A TEMPORARY CERTIFICATE OF OCCUPANCY IS ISSUED
- 2. ADEQUATE CLEARANCE SHALL BE PROVIDED AROUND FIRE RISER. DIMENSIONS FROM FACE OF PIPE SHALL MEASURE A MINIMUM OF 12" OFF THE BACK WALL, 18" ON EACH SIDE AND 36" CLEAR IN FRONT WITH A FULL HEIGHT DOOR. THE FIRE LINE SHALL EXTEND A MAXIMUM OF 3' INTO THE BUILDING FROM INSIDE FACE OF WALL TO CENTER OF PIPE.
- 3. RISER SHALL BE HYDROSTATICALLY TESTED AT 200 PSI FOR TWO HOURS.
- 4. AT #1 & #4 TEST PORTS INSTALL A 1/2" BRASS NIPPLE, TEE & PLUGS W/1/2" x 1/4" MALE FLARED CONNECTION W/ CAP (INSTALL PRESSURE GAUGE ON TEE OUTLET)
- 5. HYDRAULIC DESIGN AND SUMMARY INFORMATION PER NFPA SHALL BE ATTACHED TO RISER.
- 6. SPARE HEAD BOX SHALL BE MOUNTED IN AREA.

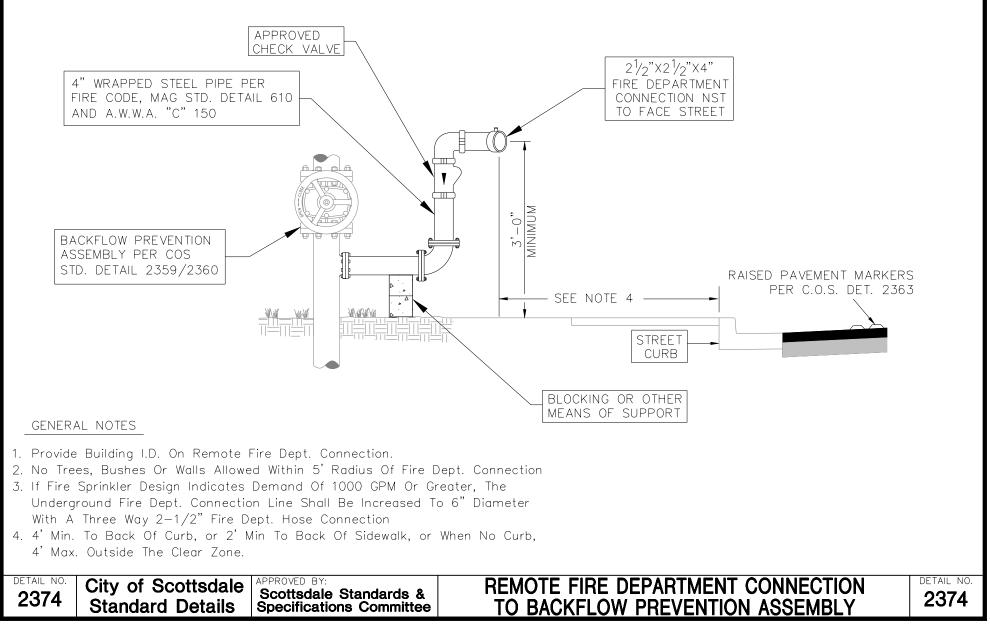
DETAIL NO.

2369

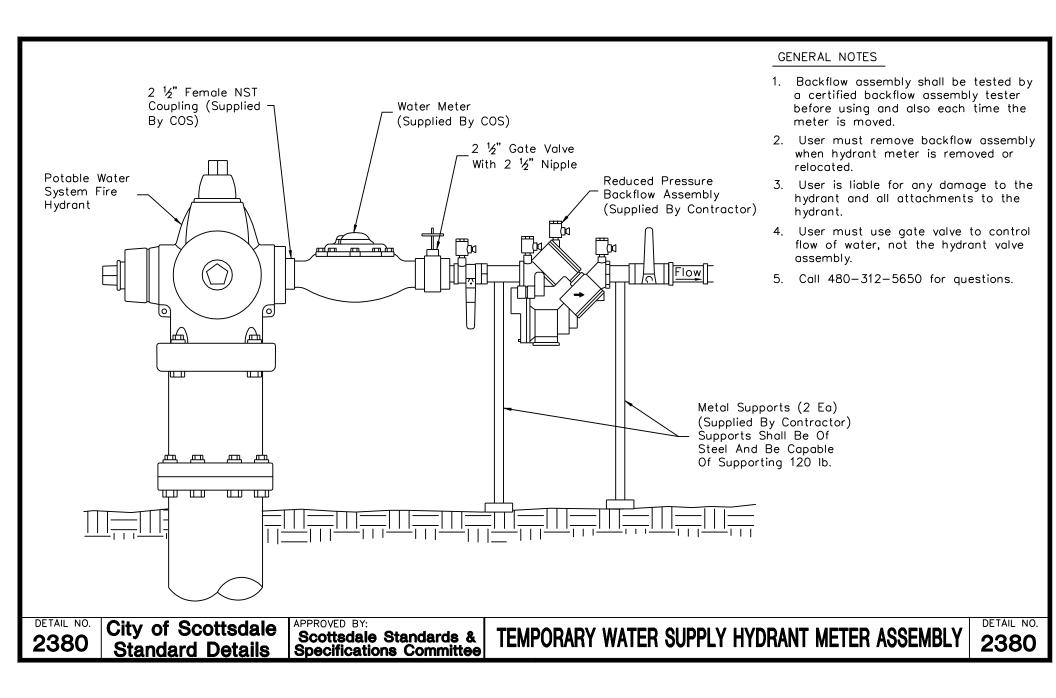
* REDUCED-PRESSURE BACKFLOW REQUIRED WHEN F.D. CONNECTION IS WITHIN 1700 FEET OF AN AUXILIARY SUPPLY.

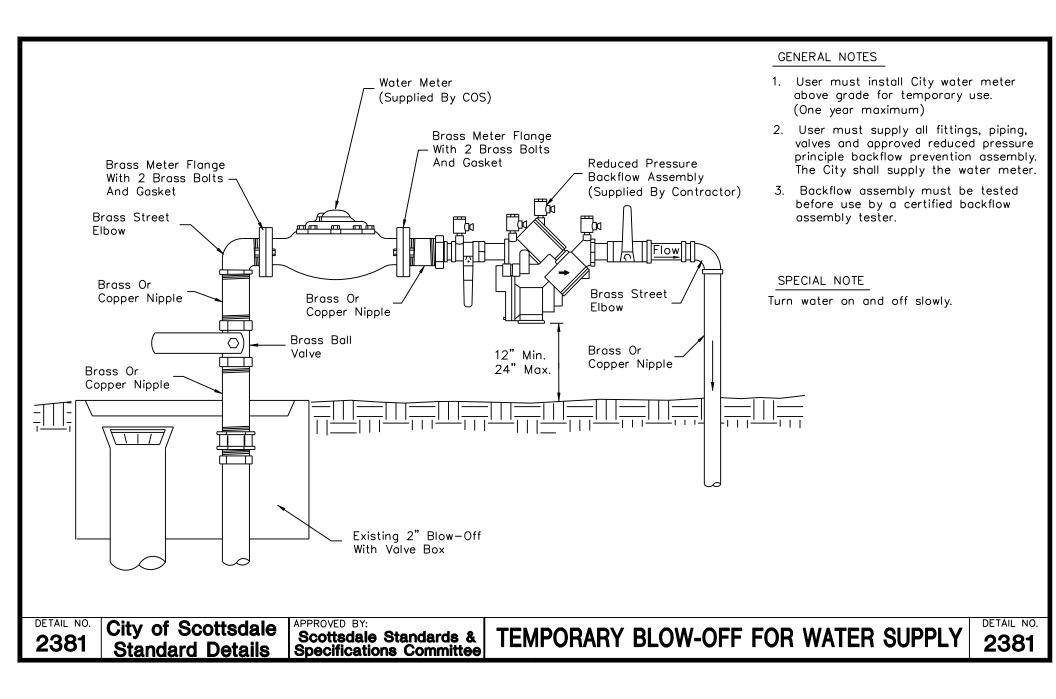


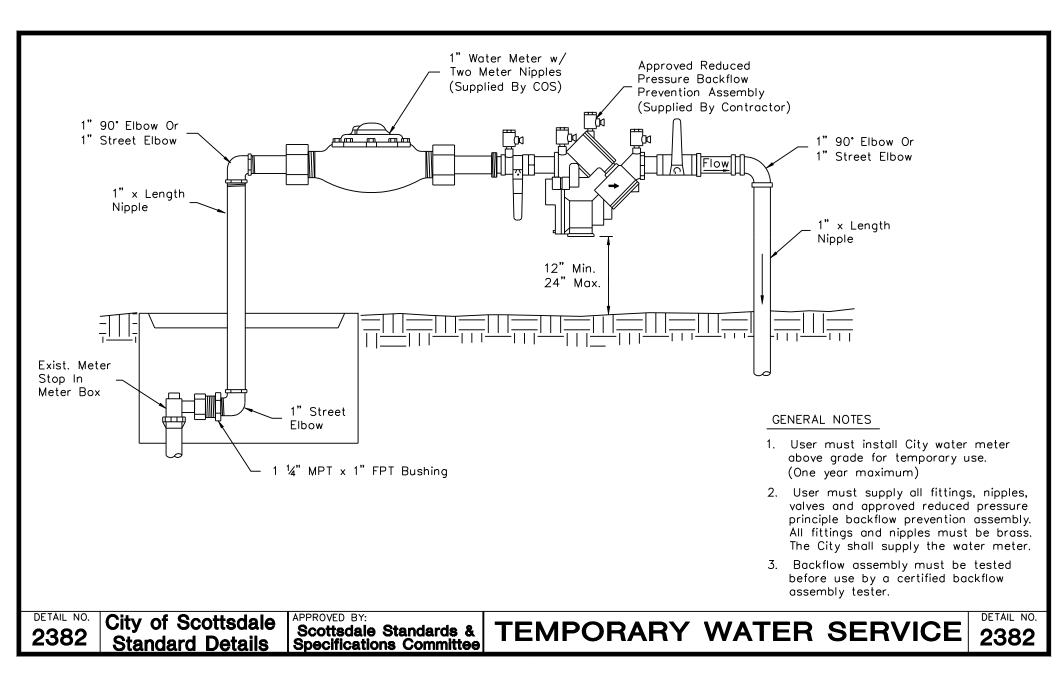


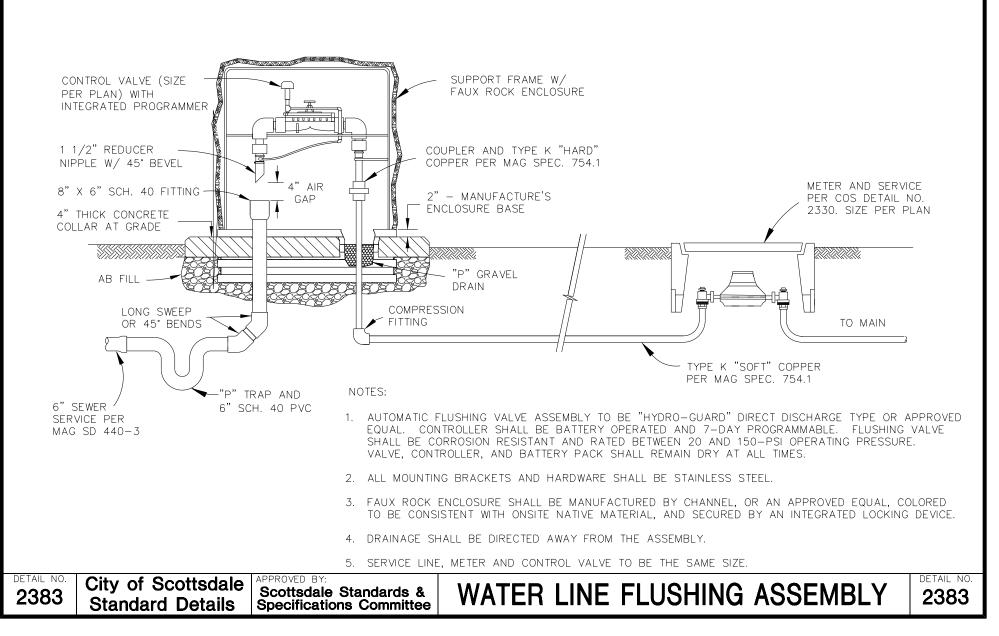


NEW 1/19/12

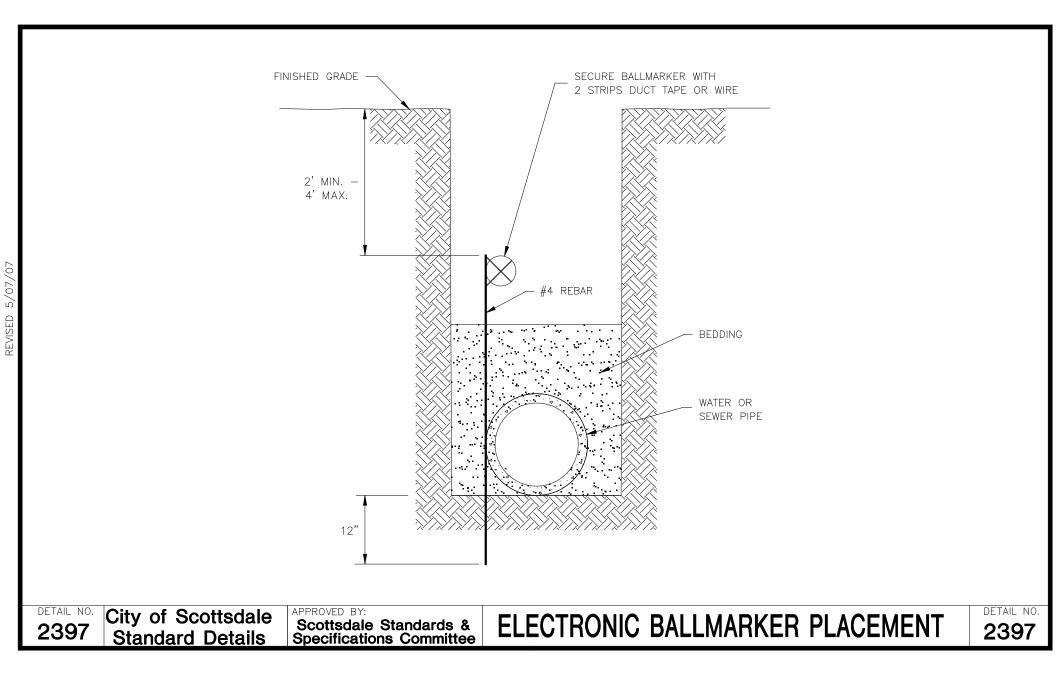


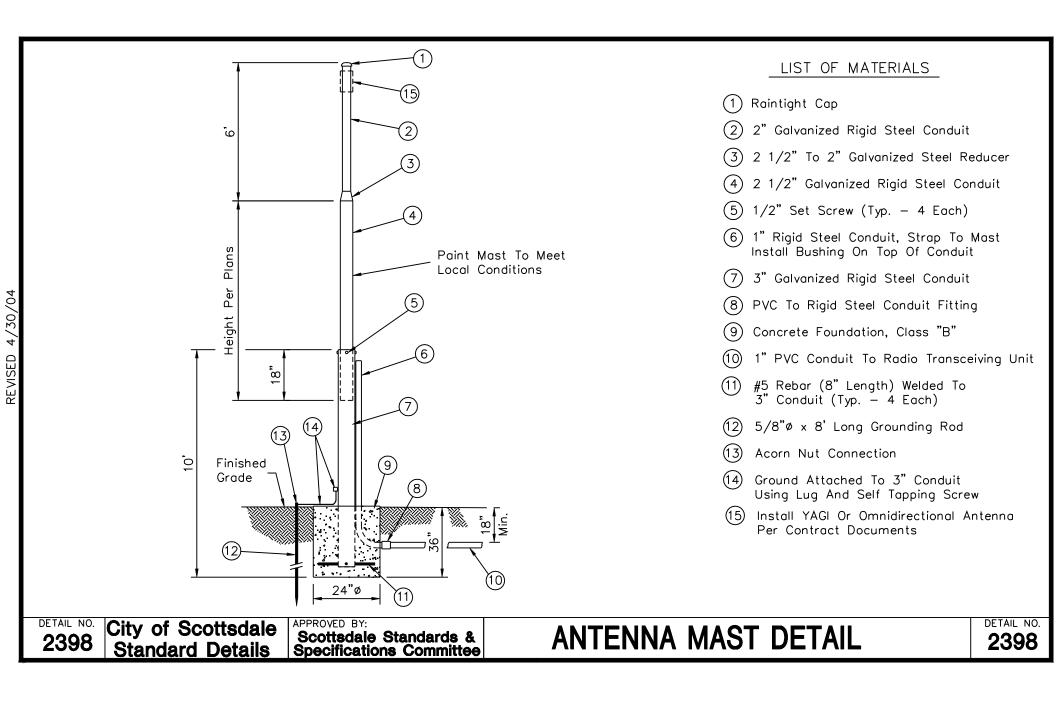


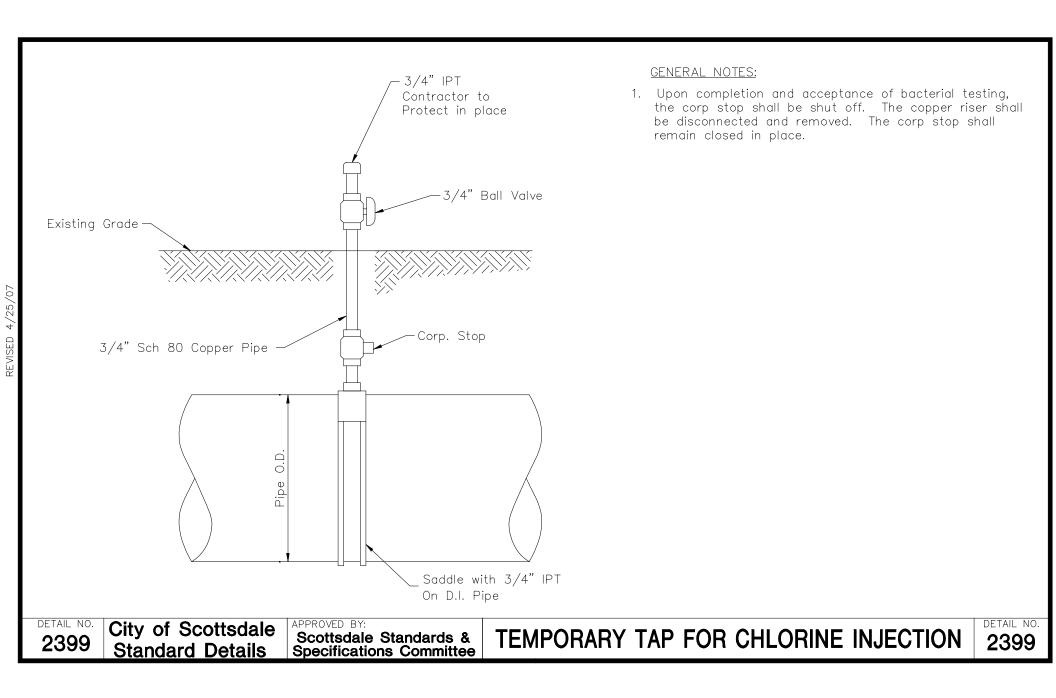


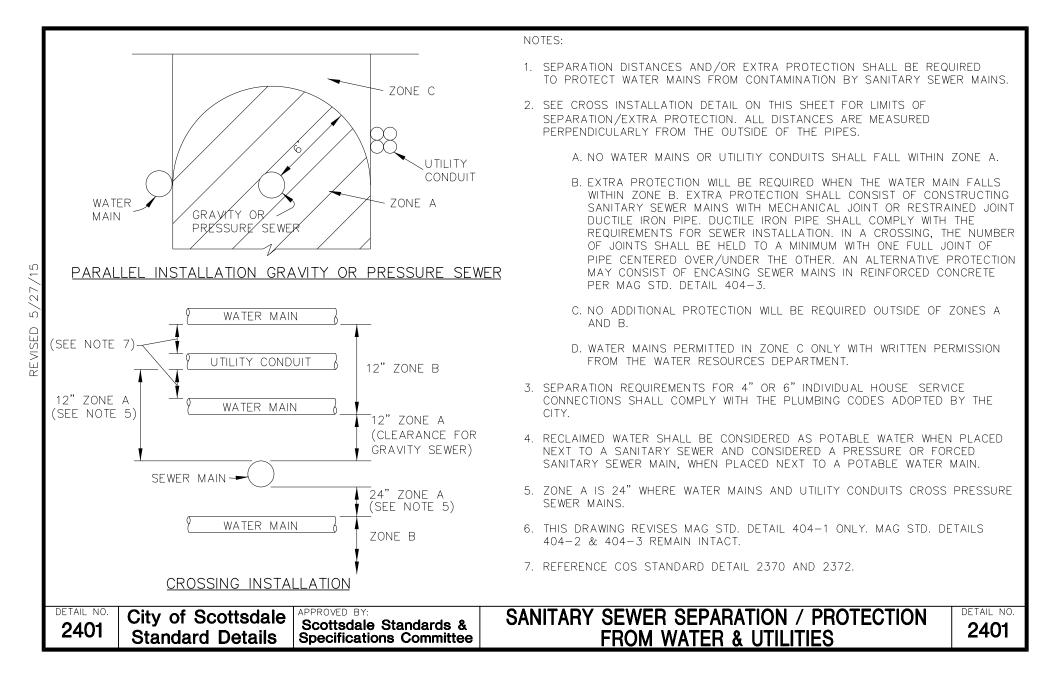


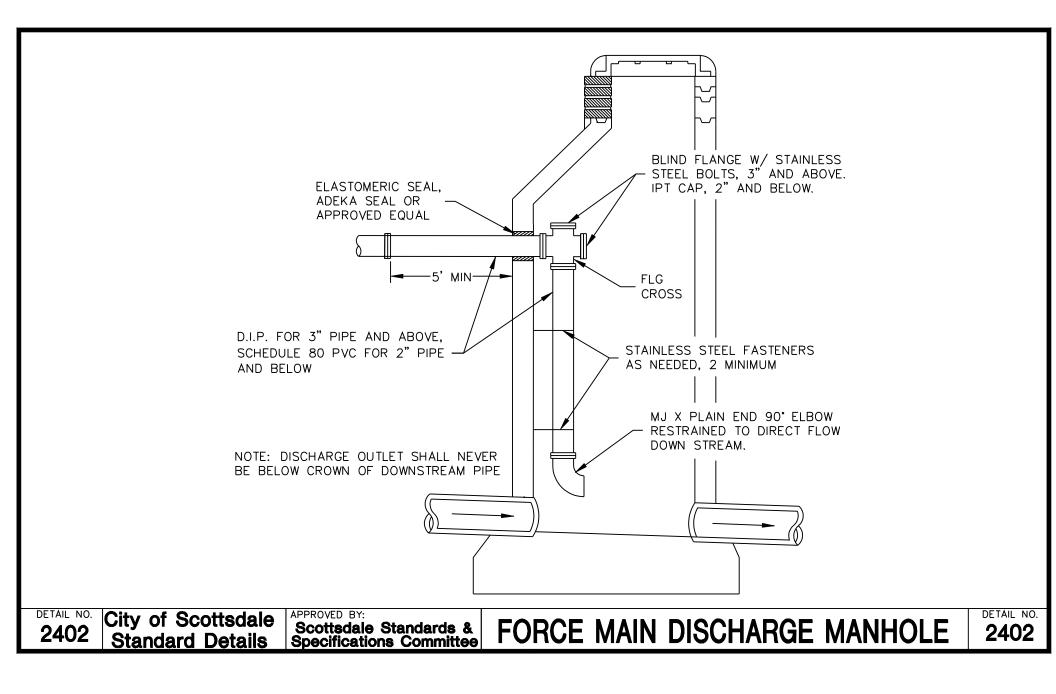
REVISED 5/22/15

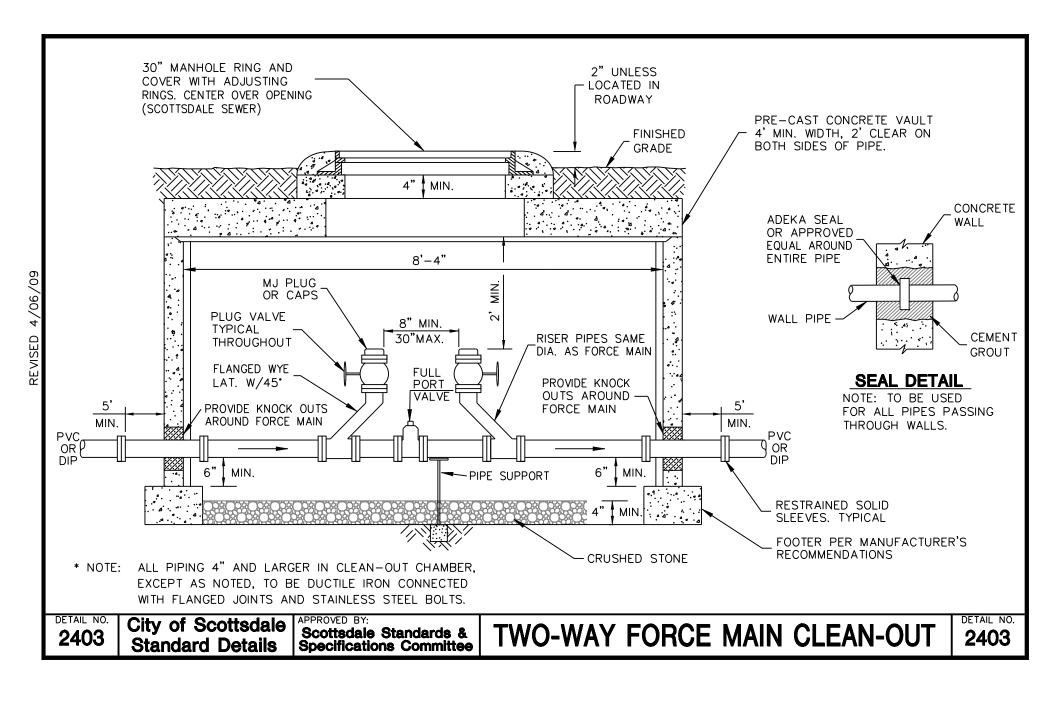


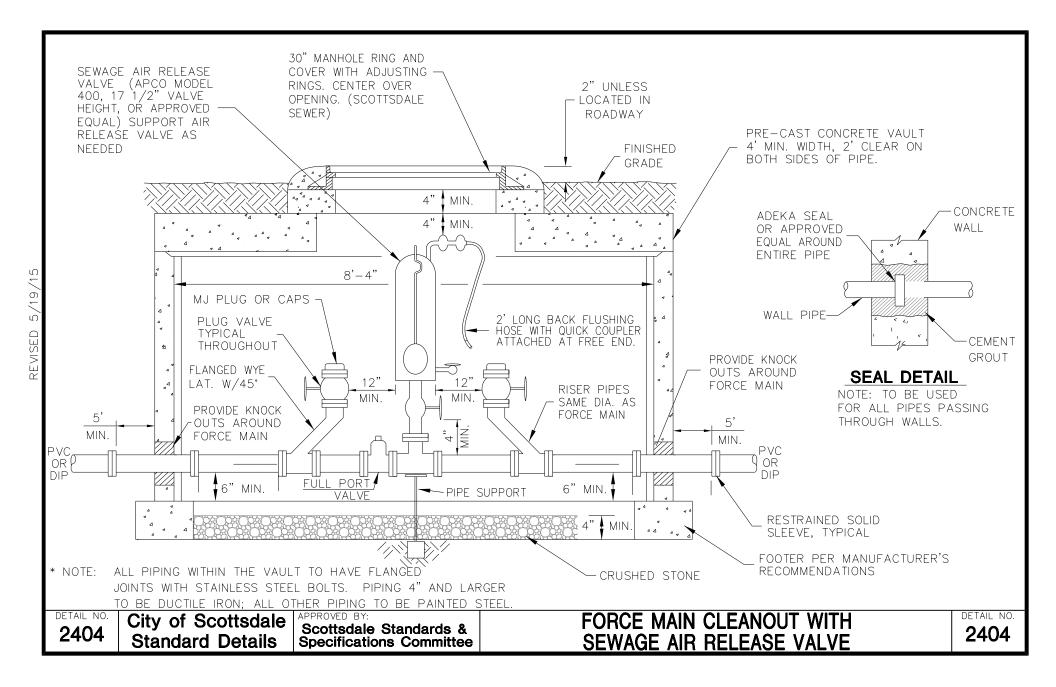


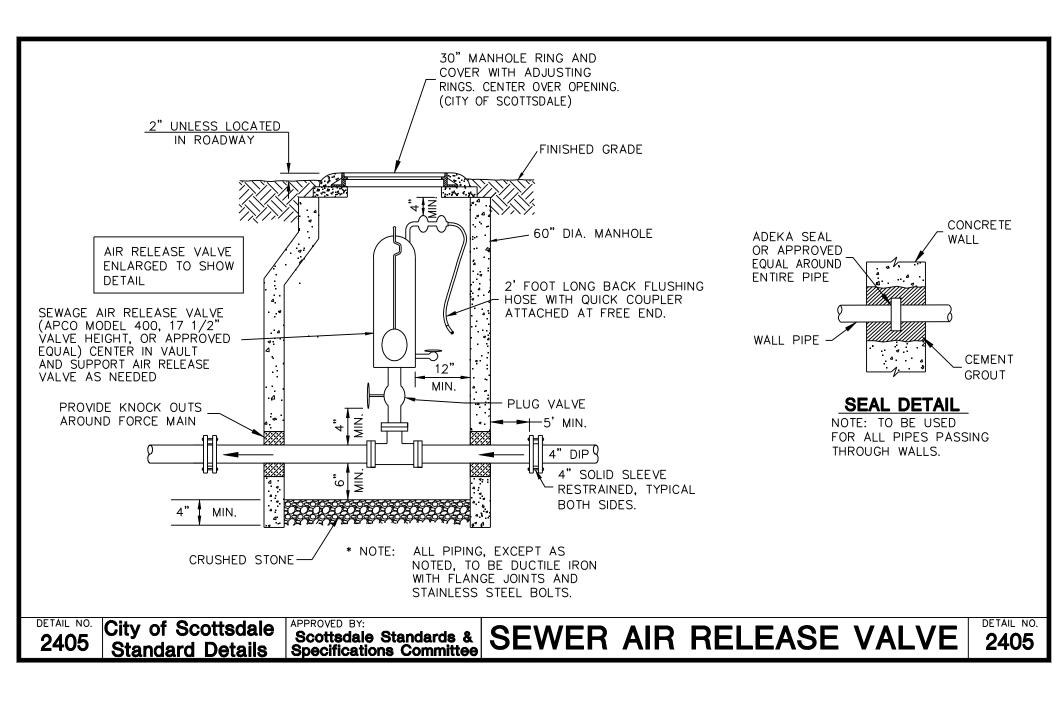


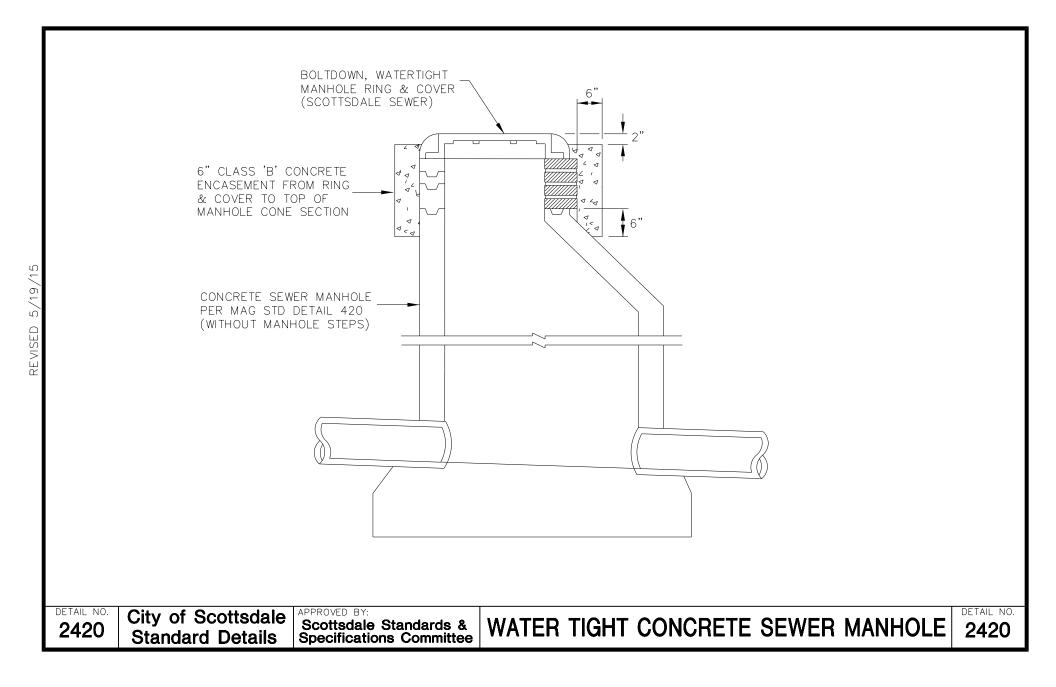


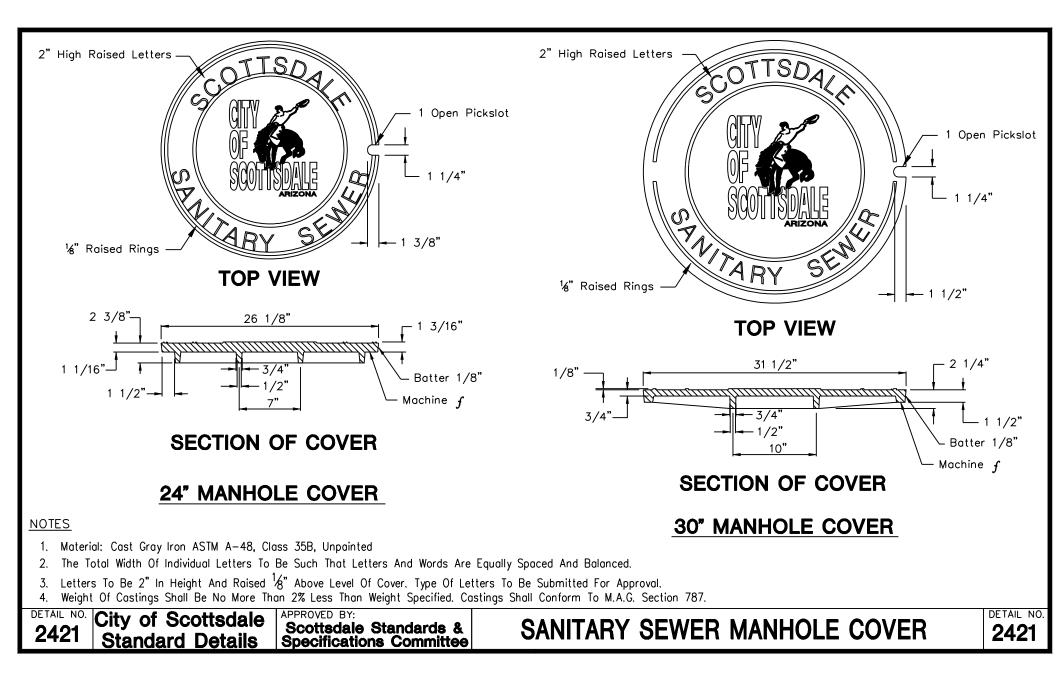


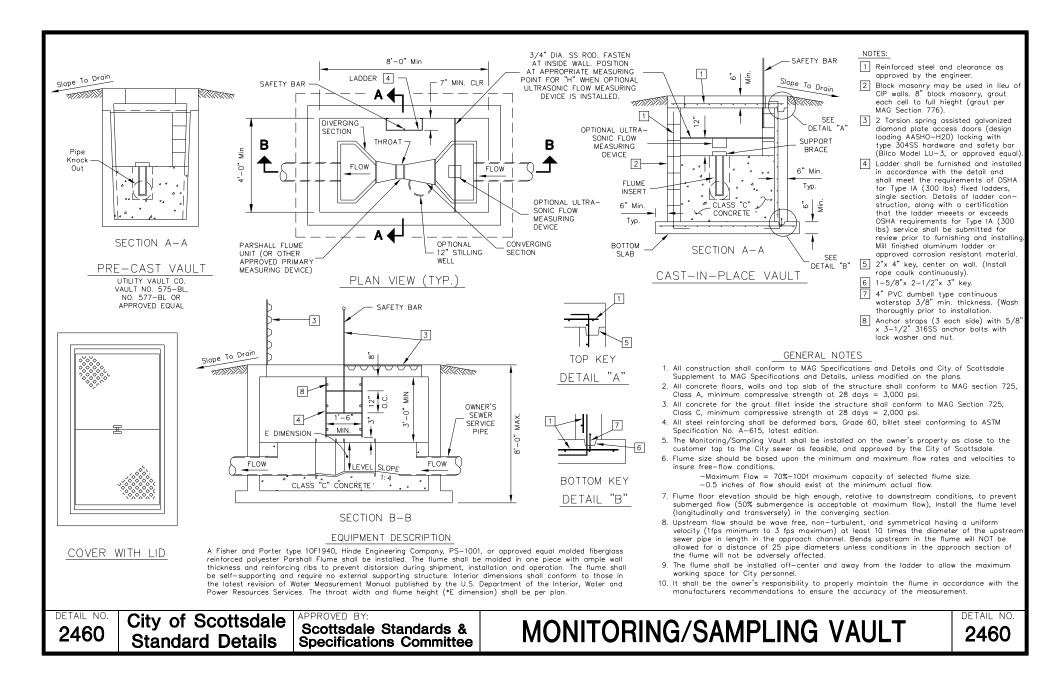


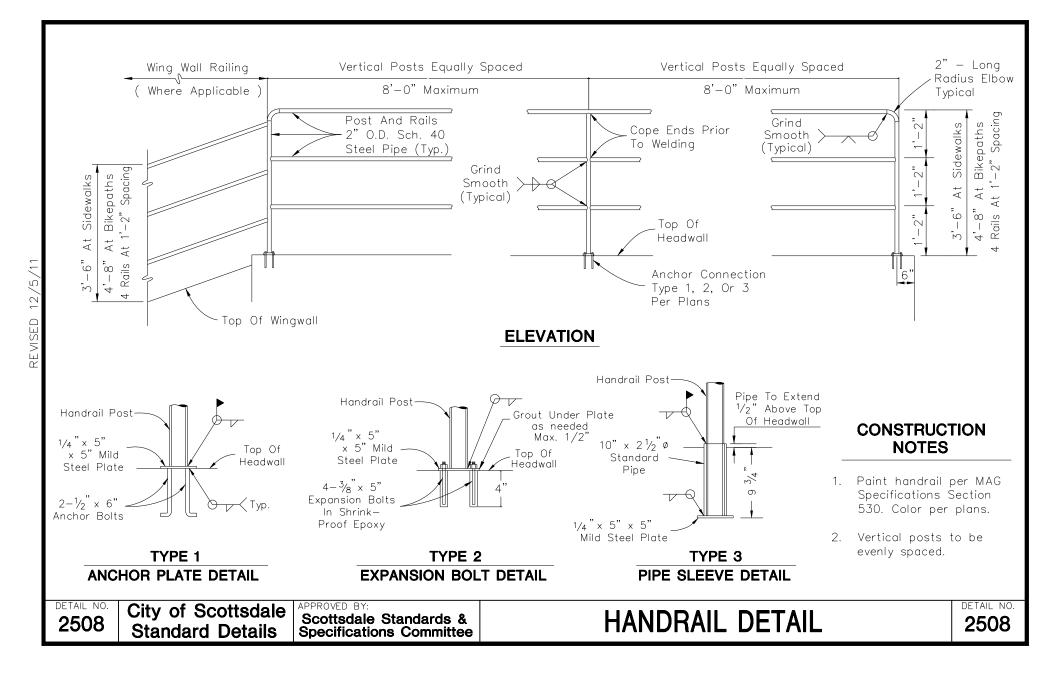


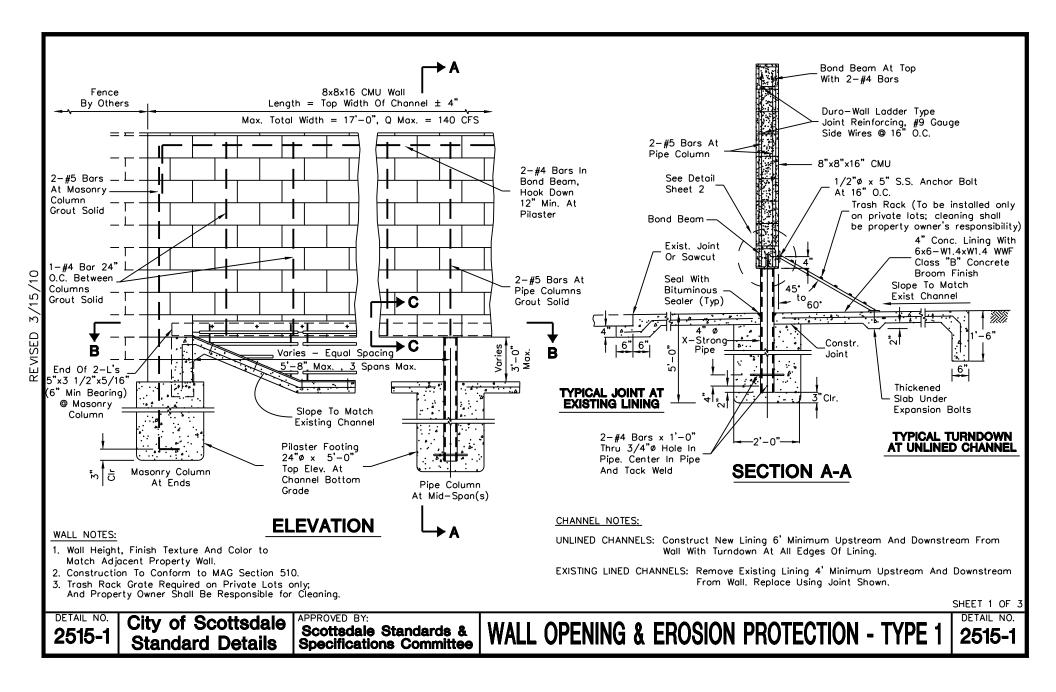


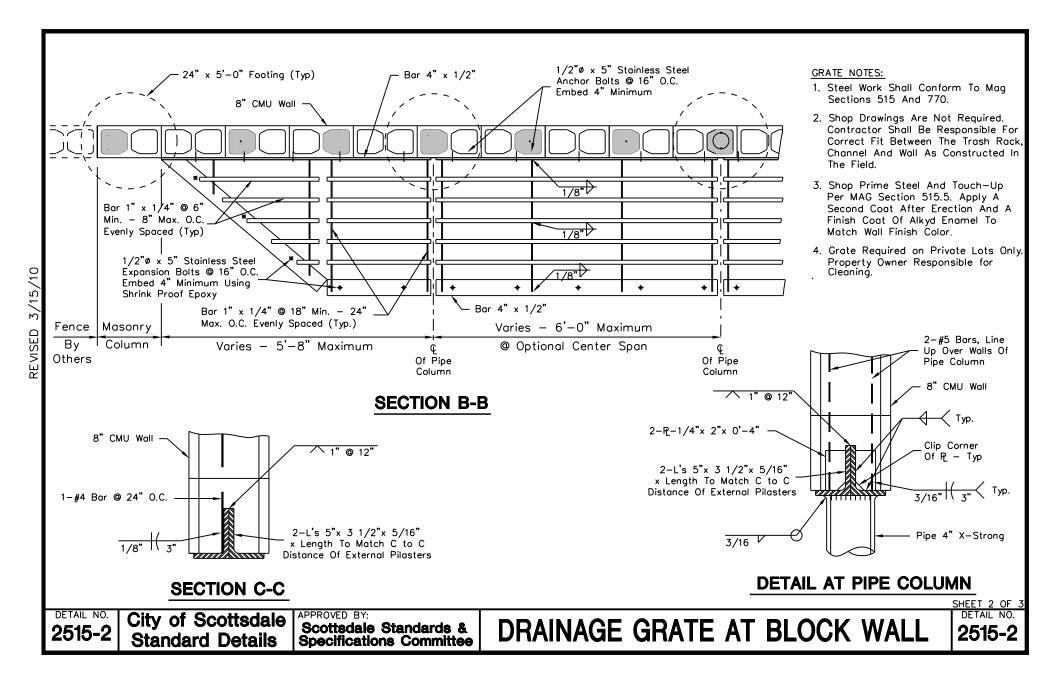


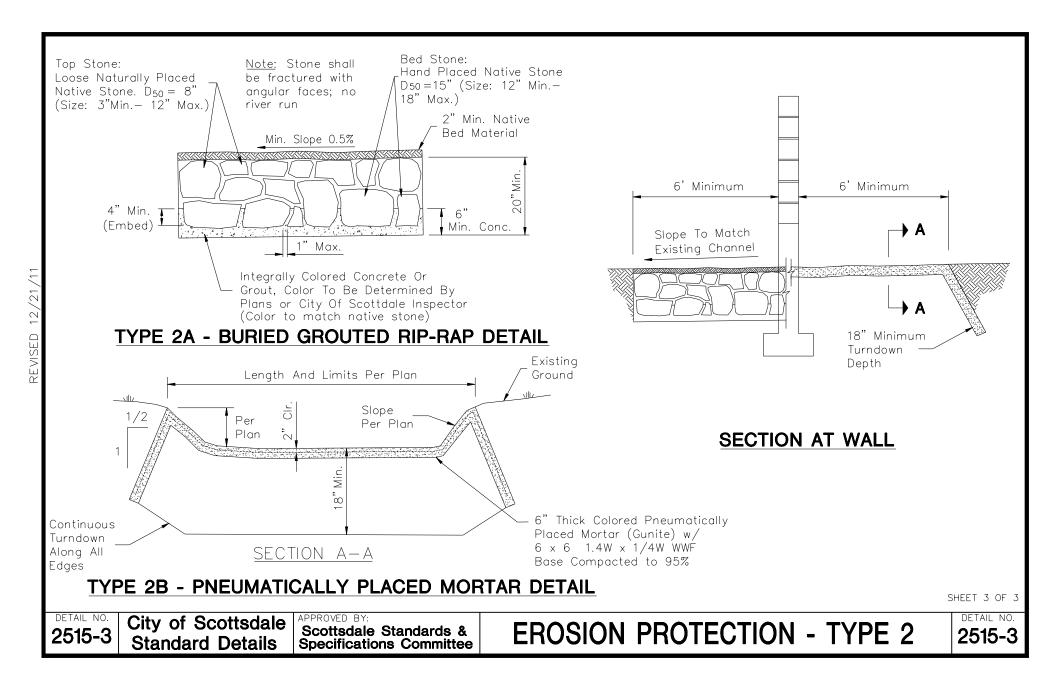


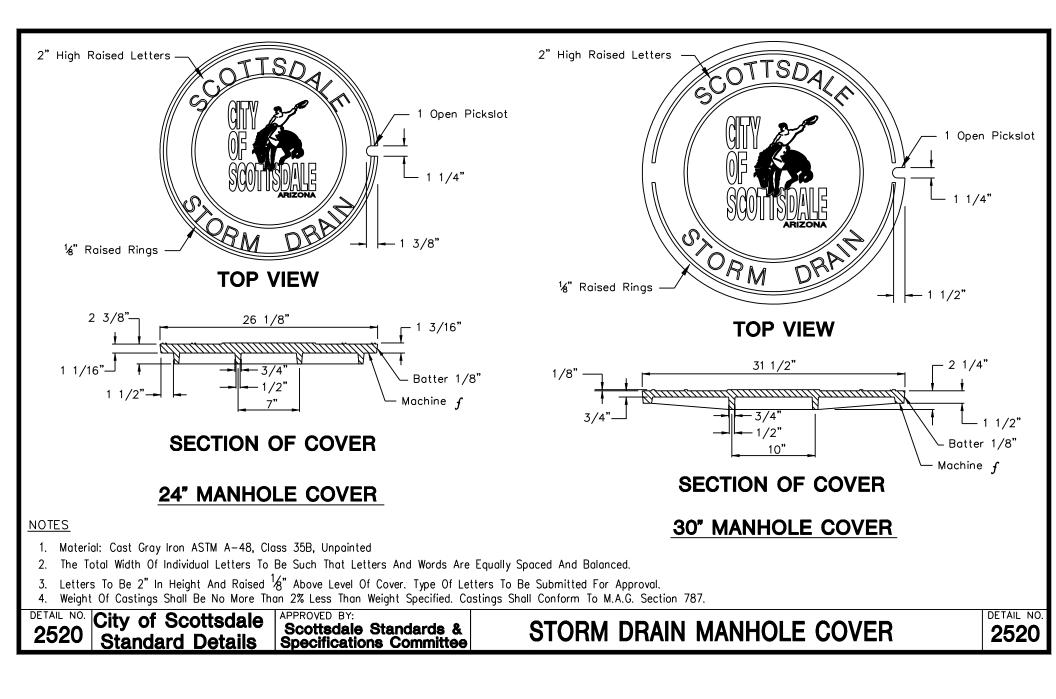


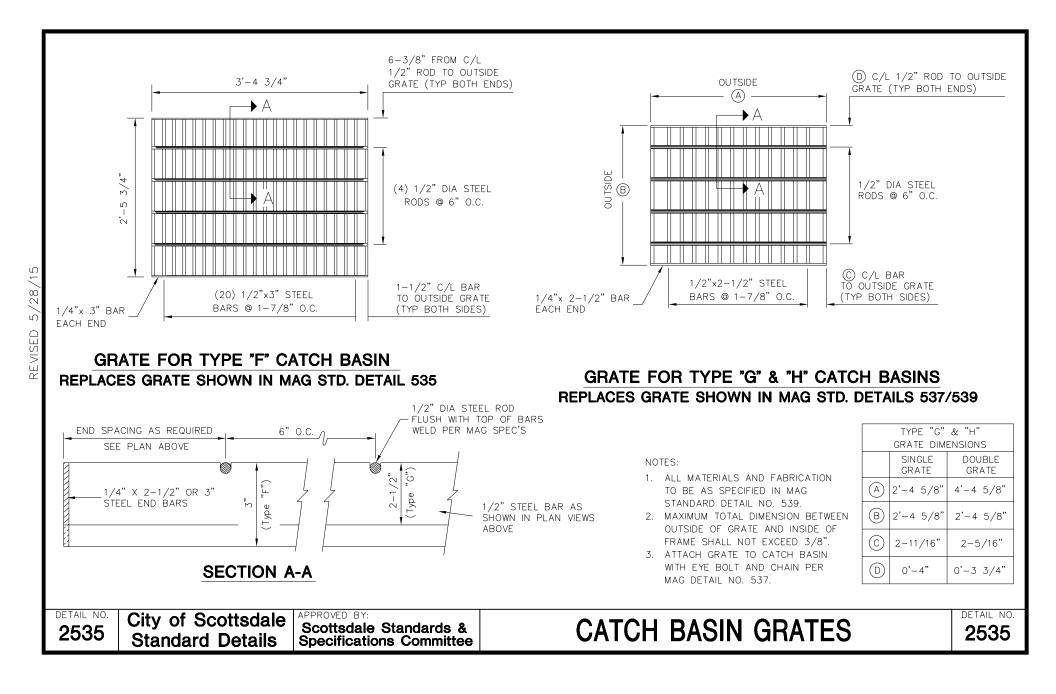


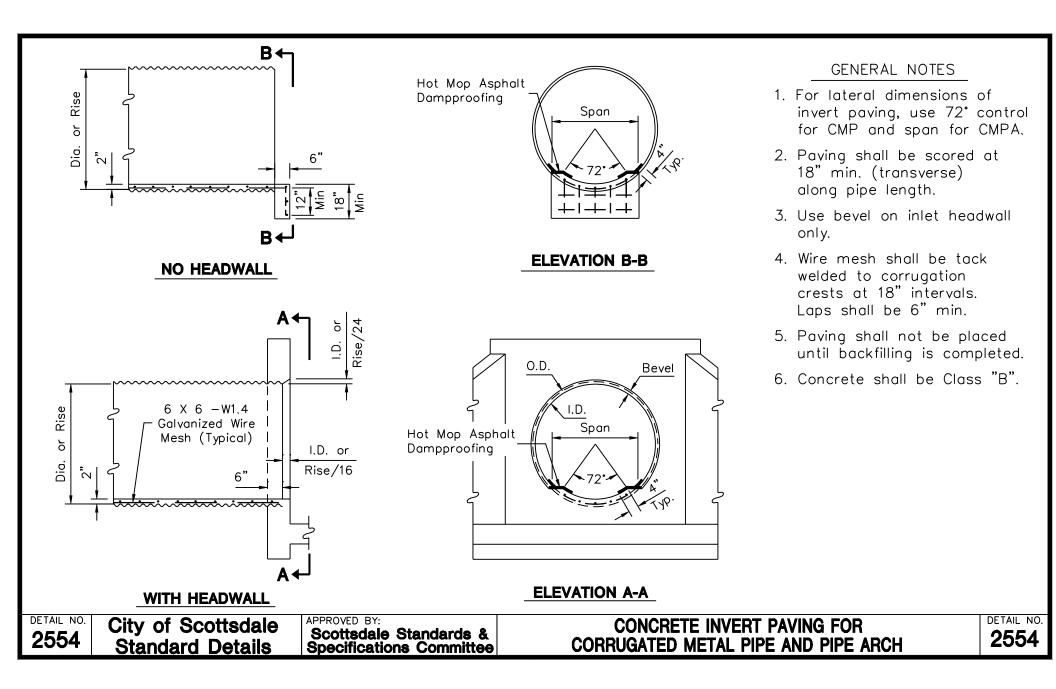


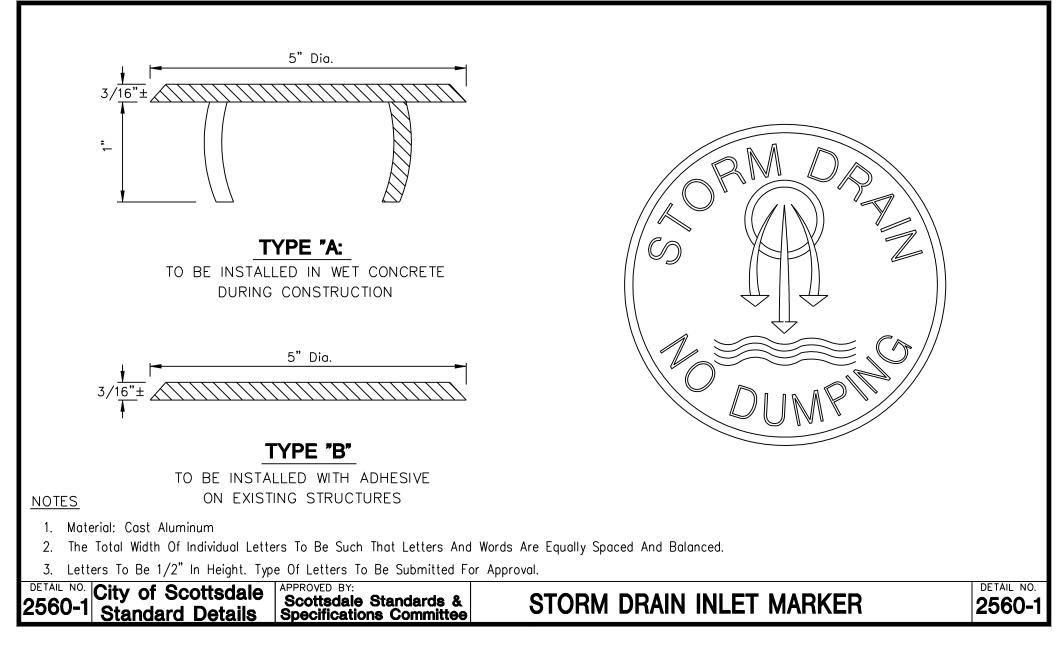


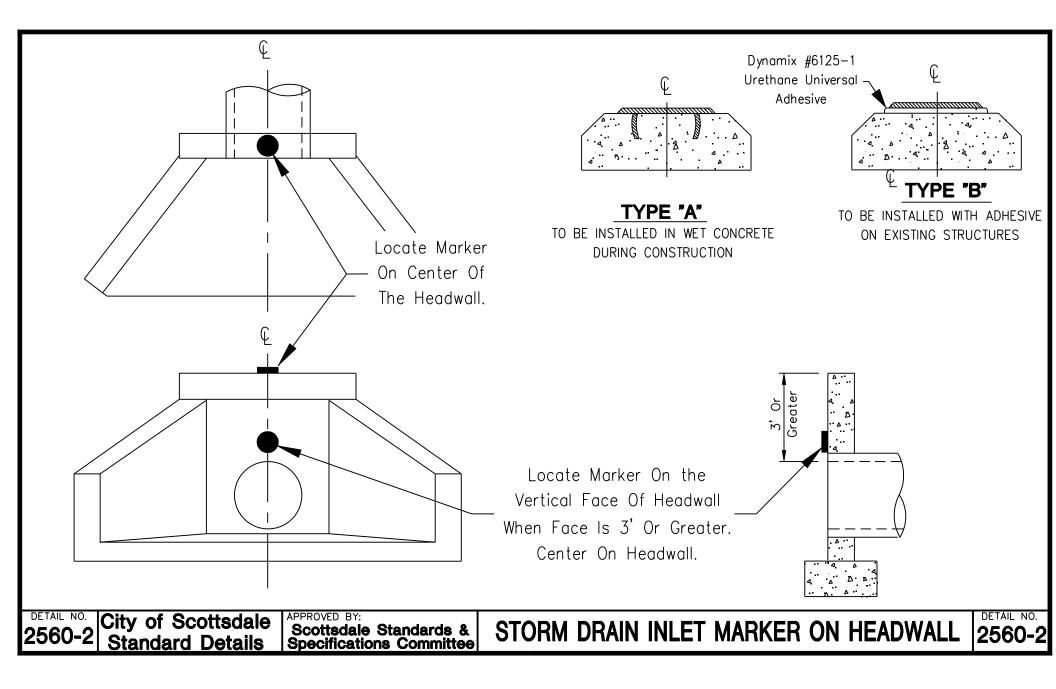


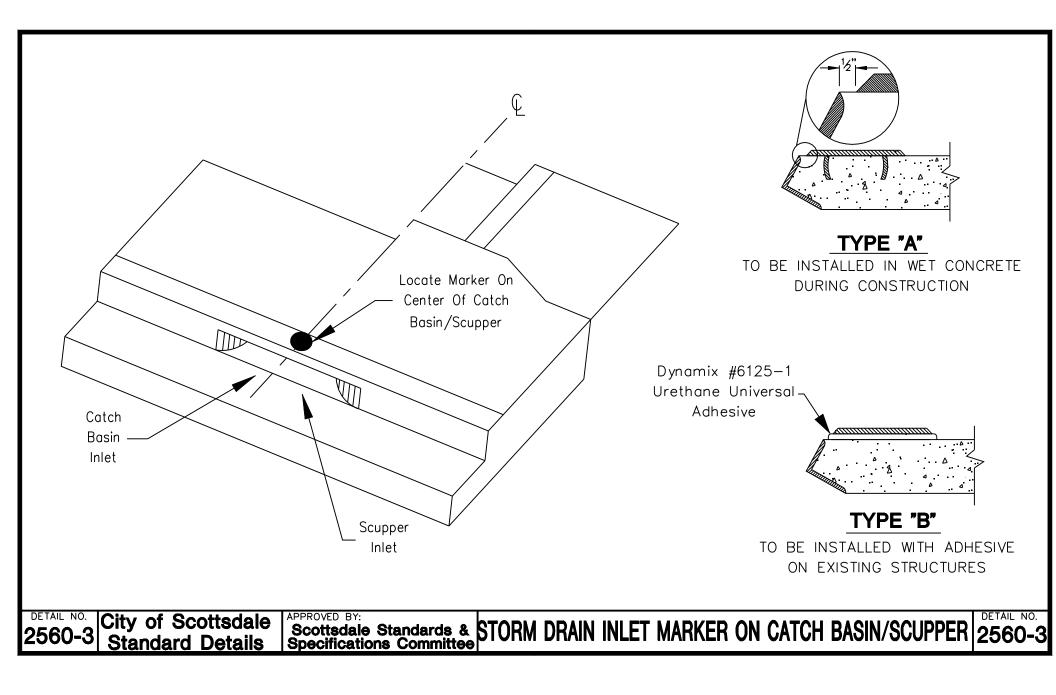


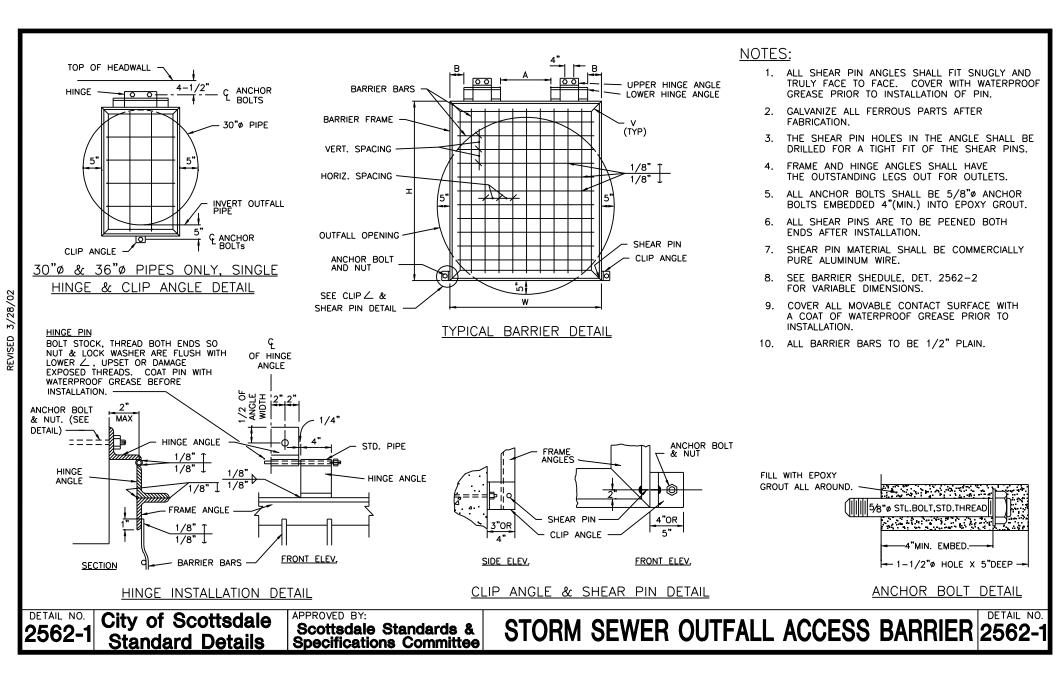








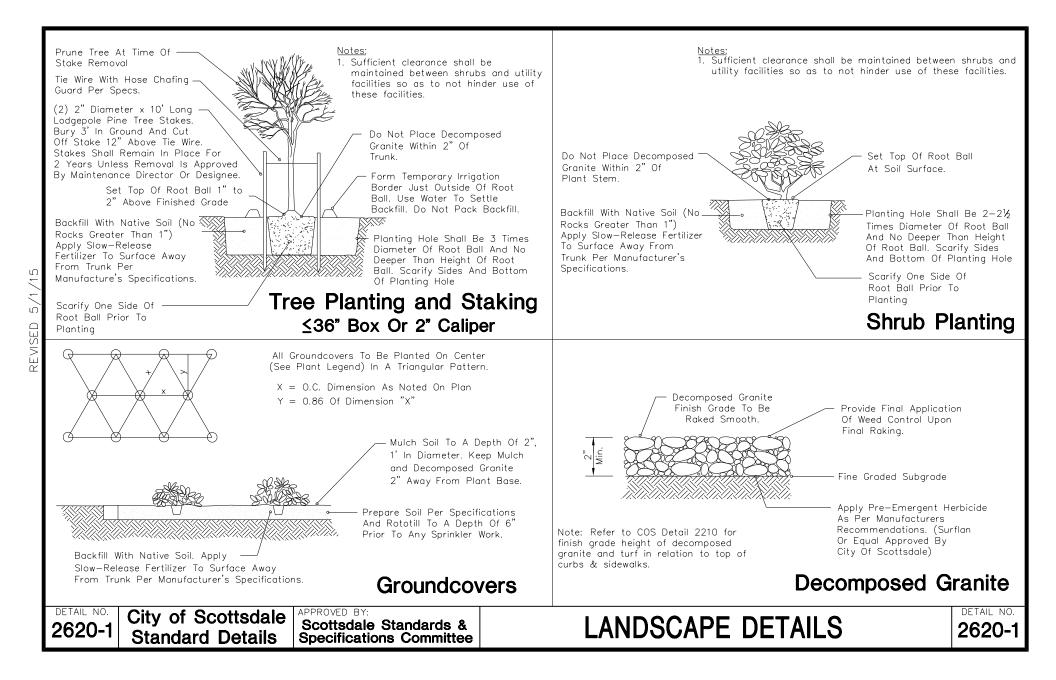


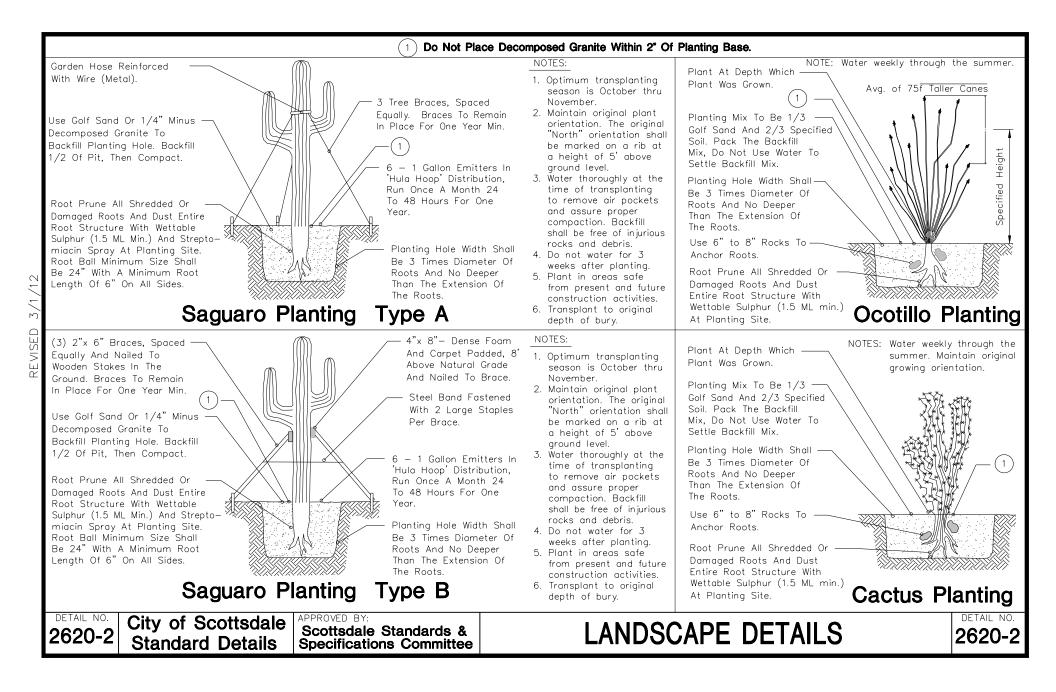


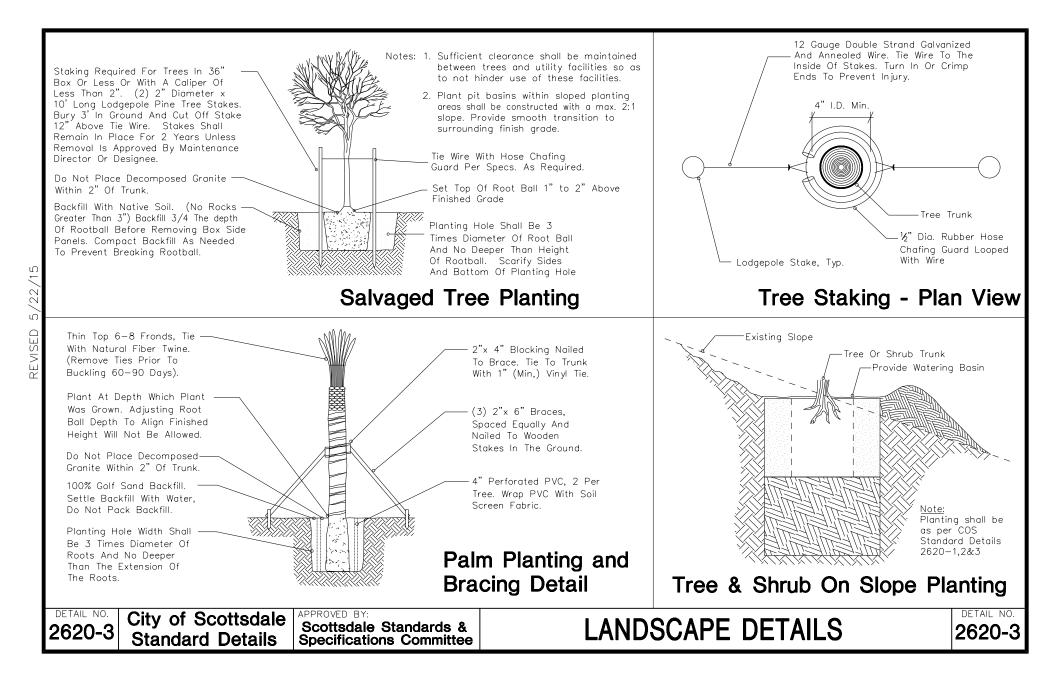
	SIZE OF OUTFALL CONDUIT	FRAME ANGLES	SHEAR PIN CLIP ANGLES	SHEAR PINS	HINGE PINS	HINGE ANGLES	HINGE STD. PIPE	NO. OF EQUAL BARRIER BAR SPACES (HORIZ.)	NO. OF EQUAL BARRIER BAR SPACES (VERT.)	H (OUT TO OUT FRAME ANGLES)	₩ w (OUT TO OUT FRAME ANGLES)	A	В	
	30"	2X2X1/4	4X4X1/4	1-1/8ø	1/2"ø	2X2X1/4	3/4"	3	5	34"	20"	SINGLE CENTE		
	36"	2X2X1/4	4X4X1/4	1-1/8ø	3/4"ø	2-1/2X 2-1/2X1/4	1"	4	6	40"	26"	SINGLE CENTE		
	42"	2X2X1/4	4X4X1/4	2-1/8ø	1/2"ø	2X2X1/4	3/4"	5	6	42"	32"	0	0	
	48"	3X3X7/16	5X3X1/4	2-1/8ø	3/4"ø	2-1/2X 2-1/2X1/4	1"	5	7	47"	38"	3"	1"	
/02	54"	3X3X7/16	5X3X1/4	2-1/8ø	3/4 " ø	2-1/2X 2-1/2X1/4	1 "	6	8	54"	44"	5"	3"	
3/28/02	60"	3X3X7/16	5X3X1/4	2-1/8ø	3/4"ø	2-1/2X 2-1/2X1/4	1 "	7	9	60"	50"	9"	4 "	
REVISED:	66"	3X3X7/16	5X3X1/4	2-1/8ø	3/4"ø	2-1/2X 2-1/2X1/4	1"	8	10	66"	56"	11"	6"	
אבע	72"	4X4X5/8	5X3X1/4	2-3/16ø	1"ø	3X3X3/8	1-1/4"	9	11	73"	62"	15"	7"	
	78"	4X4X5/8	5X3X1/4	2-3/16ø	1 " ø	3X3X3/8	1-1/4"	10	11	79"	68"	17"	9"	
	84"	4X4X5/8	5X3X1/4	2-3/16ø	1"ø	3X3X3/8	1-1/4"	11	13	86"	74"	21"	10"	
F	90"	4X4X5/8	5X3X1/4	2-3/16ø	1"ø	3x3x3/8	1-1/4"	12	13	92"	80"	23"	12"	
F	96"	4X4X5/8	5X3X1/4	2-3/16ø	1"ø	3x3x3/8	1-1/4"	12	14	98"	86"	29"	12"	
	* _{N0} -	TE: Adjust	these va	lues for sk	ewed cor	iduits. Prov	ide 5" ma	ı ıximum ope	ening at e	ach side	and betwee	en bars.	.	
	DETAIL NO. 2562-2	City of Standar	Scottsda d Details		D BY: Sdale Star Ications C	ndards &	BARRI	ER SP	ECIFIC	ATION	S SCHI	EDULE	DETAIL NO. 2562-2	

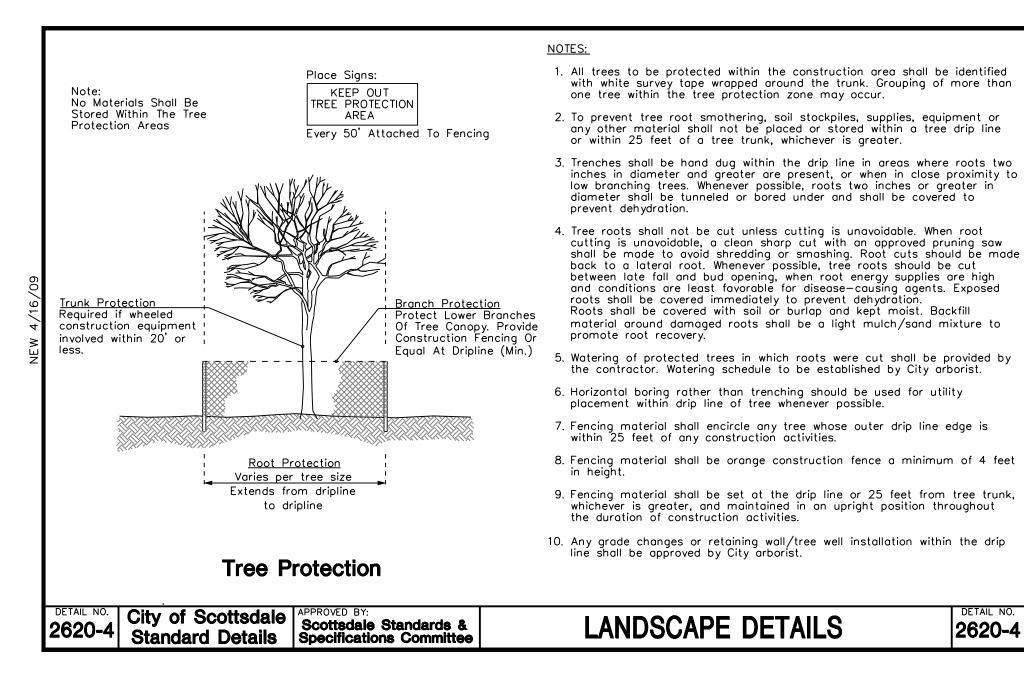
								Μ	INI	UM TREE SIZE	R	EQ	UIF	REM	ENTS	-	1	1		1			1	
Name	Size	Height	Width	Caliper	Name	Size	Height	Width	Caliper	Name	Size	Height	Width	Caliper	Name	Size	Height	Width	Caliper	Name	Size	Height	Width	Caliper
<u>ACACIA</u>					<u>IRONWOOD</u>					MESQUITE (Cont.)					OTHER TREES					COOLIBAH	15	7	3	0.7
BERLANDER\	15	4	2	0.5	DESERT IRONWOOD	15	3	2	0.5	VELVET\ ARIZONA (M)	-	5.5	3	0.5	ALEPPO	15	6	3	0.75	(EUCALYPTUS -	24	10	4	1.5
<u>GUAJILLO (M)</u>	24	5	4	1	(OLNEYA TESOTA)	24	6	3	1.25	(PROSOPIS VELUNTINA)	24	7	4	1	(PINUS HALEPENSIS)	24	9	4	2	MICROTHECA)	30	12	5	2
(ACACIA BERLANDIERI)	30	7	5	1.5	-	30	8	6	2		30	9	6	1.5		30	11	6	3		36	15	6	2.5
	36	9	6	2	-	36	10	8	2.5	_	36	10	8	2		36	14	7	3.5	CORK OAK	15	4	2	0.7
MULGA	15	5	2	0.75	-	42	11	9	3		42	12	10	2.5		42	16	9	4	(QUERCUS SUBER)	24	6.5	3	1.
(ACACIA ANEURA)	24	7	4	1.5		48	12	10	3.5		48	14	12	3		48	18	10	4.5	-	30	9	4.5	-
	30	9	6	2	DESERT IRONWOOD (M)	15	3	2	0.5	PALOVERDE					ARIZONA SYCAMORE	15	7	2	1	-	36	12	6	3.
	36	10	8	2.5	(OLNEYA TESOTA)	24	6	3	1.25		15	6	2	0.75	(PLATANUS WRIGHTII)	24	9	4	1.5	4	42	14	9	4
SHOESTRING	15	7	2.5	0.75	-	30	8	6	2	(PARKINSONIA FLORIDUM)	24	7.5	4	1.5		30	13	6	2.5		48	16	11	-
(ACACIA STENOPHYLLA)	24	9	4	1.5	-	36	10	8	2.5	-	30	9	7	2		36	16	8	3.5	CORRAL GUM	15	6	2.5	
	30	11	5	2	-	42	11	9	3		36	10	8	2.5	ARIZONA	15	6	3	0.5	(EUCALYPTUS TORQUATA)	24	8	3.5	-
	36	13	6	2.5	MEDOLUTE	48	12	10	3.5		42	12	9	3	SYCAMORE (M)	24	8	4	1	DESERT WILLOW	15	6	2	0.7
	42	15	7	3	MESQUITE						48	14	10	3.5	(PLATANUS WRIGHTII)	30	12	7	2	(CHILOPSIS LINEARIS)	24	7	4	1.2
	48	17	8	4	CHILEAN MESQUITE	15	6	2	0.75		15	5	3	0.5		36	15	9	3	-	30	9	6	1.7
SHOESTRING (M)	15	7	2.5	0.5	(PROSOPIS CHILENSIS)	24	8	4	1.5	(PARKINSONIA FLORIDUM)	24	7	4	1	AUSTRALIAN WILLOW	15	5	3	0.75		36	10	8	2.2
(ACACIA STENOPHYLLA)	24	9	4	1	-	30	9	6	2		30	8	6	1.5	WILGA	24	8	4	1.25	DESERT WILLOW (M)	15	5	3	+
	36	13	6	2	-	36	10	8	2.5		36	10	8	2	(GEIJERA PARVIFLORA)	30	10	5	2	(CHILOPSIS LINEARIS)	24	7	5	1
SWEET	15	6	2.5	0.75	-	42	12	10	-		42	12	9	2.5		36	12	5.5	2.5	-	30	9	6	1.
(ACACIA SMALLII)	24	8	4	1.5		48	14	12			48	14	11	3	CHASTE TREE	15	5	3	0.75		36	10	8	2
	30	9	6	2	CHILEAN MESQUITE (M)	15	5	3	0.5		15	4	2	0.5	(VITEX ANGUS-CASTUS)	24	6	4	1.25	ELDARICA	15	6	2	1.
	36	10	8	2.5	(PROSOPIS CHILENSIS)	24	8	5	1	FOOTHILLS	24	6	3	1		30	7	5	2	(PINUS ELDARICA)	24	10	4	2
	42	12	10	3	-	30	9	7	1.5	(PARKINSONIA	30	7	5	1.5		36	8	6	2.5	-	30	13	4	3
	48	14	12	3.5	-	36	10	9	2	MICROPHYLLUM)	36	8	6	2	CHINESE EVERGREEN	15	7	2	0.75	-	36	15	5	4
<u>SWEET (M)</u>	15	5	3	0.5	-	42	12	11	2.5		15	4	3	0.5	ELM	24	8	3	1.25	-	42	18	7	4.
(ACACIA SMALLII)	24	8	5	1		48	14	13	3	FOOTHILLS (M)	24	5	4	1	(ULMUS PARVIFOLIA)	30	12	6	2		48	20	9	5.
	30	9	7	1.5	HONEY MESQUITE (M)	15	6	2	0.75	(30	6	5	1.5		36	14	8	2.5	FEATHER BUSH	15	5	3	0.7
	36	10	9	2	(PROSOPIS -	24	8	4	1.5		36	8	2	2		42	16	9	3.5	FERN OF THE DESERT		6.5 7	4	1.2
	42	12	10	2.5	GLANDULOSA)	30	9	6	2	SONORAN	15	6		0.75		48	18 7	10	3.75	(LYSILOMA THORNBERI)	30		6.5	-
	48	14 6	12 2	3 0.75	-	36 42	10	8	2.5 3	(PARKINSONIA PRAECOX)	24 30	7 8	4	1.5		15 24	9	2	0.75		36	8 4	6 3	2.5 0.7
	15 24		4	1.5	-		12	-		-	30	8 10	-	2 2.5	(PISTACIA CHINENSIS)	30	9 10		1.5 2.5	FEATHER BUSH FERN	15 24	4 5	5	0.7
	24 30	8 10	4 5	1.5	SCREW BEAN (M)	48 15	14	12	3.5 0.5	-	36 42	10	8 10	2.5		30	10	5 6	2.5 3.5		24 30	5 7	5 7	1.
(ACACIA SALICINA)	30 36	10	5 6	2.5		15 24	5.5 8	3 4	0.5	-	42	12	10	3.5	CHIR PINE\ INDIAN	36 15	5	ь З	3.5	(LYSILOMA THORNBERI)	30	8	7 8	1.
	30	14	0	2.5	(PROSOPIS -	30	。 9	6	1.5		40 15	5	2	0.5		24	5 8	3	2	-	30	0	0	- 2
					PUBESCENS)		-	-			24	5 7	4	0.5		30	8 11	4		-				+
					-	36 42	10 12	8 10	2	(PARKINSONIA PRAECOX)	30	8	4	1.5	(PINUS ROXBURGHII)	30	15	6	2.5 3.5	-				+
See General Notes					-	42 48	12	-		-	36	。 10	8	2		42	17	6.5 8	4.5					+
On Page 2					-	48	14	12	3.5	-	36 42	11	8 10	2.5		42	20	8 9	4.5 5	Barro 1 of 2				
On Faye 2					-					-	42	11	10	2.5		48	20	9	Э	Page 1 of 2				
DETAIL NO.		14-		0-	APPROVED	₽V∙	I	I	1		48	12	12	3	1	1	1	1	I	<u> </u>		DET/		<u> </u>
		-			Scottsda		tand	lard	s &	MINIM		Л	ΤF	٦F	E SIZE RE	= (IF	PF	MENTS				
2600-1	· · ·	140	nd	ard	Details Specifica																1	n)-1

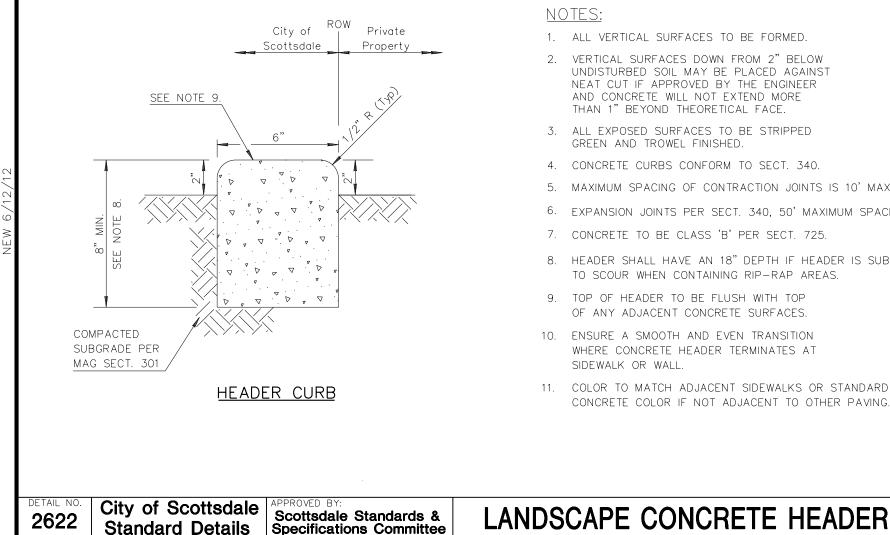
MINIMUM TREE SIZE REQUIREMENTS																									
Name	Size	Height	Width	Caliper	Name	Size	Height	Width	Caliper	Name	Size	Height	Width	Caliper	Name	Size	Height	Width	Caliper	Name	Size	Height	Width	Caliper	
FICUS	15	8	2	0.75	MEXICAN PALO VERDE	15		3	1	RED GUM	15	8	3	1	SILK TREE MIMOSA (M)	15	5	3.5	0.5	SILK TREE MIMOSA	15	6	3	0.75	
(FICUS NITIDA)	24	9	4	1.5	JERUSALEM	24		6	1.5	(EUCALYPTUS-	24	10	4	1.75	(ALBIZIA JULIBRISSIA)	24	6.5	5	0.75	(ALBISIA JULIBRISSIN)	24	8	4	1.5	
	30	10	5	2	(PARKINSONIA ACULEATA)	30	11	9	2.5	CAMALDULENSIS)						30	6	6	1		30	10	6	2	
	36	12	6	3		36	12	10	3	RED IRON BARK	15	8	3	0.75		36	10	8	2.5		36	12	8	3	
FICUS (M)	15	5.5	3	0.5	MODESTO ASH	15	8	2	1	(EUCALYPTUS -	24	10	4	1.5	SILVER DOLLAR GUM	15	7	3	0.75	TEXAS EBONY (M)	15	4	2	0.5	
(FICUS NITIDA M)	24	8	4	1	(FRAXINUS V MODESTO)	24	10	4	1.5	SIDEROXYLON)					(EUCALYPTUS-	24	10	4	1.5	(PITHECELLUBIUM-	24	6	4	1	
	30	10	6	2		30	12	6	2	RIO GRANDE\ FAN	15	7	2	0.75	,					FLEXICAULE)	30	7	6	1.5	
	36	12	8	2.5		36	14	7	2.5	TEXAS ASH	24	9	4	1.25	SISSOO	15	7	3	0.75		36	9	8	2	
FLOODED GUM	15	8	3	1	-	42	16	8	3	(FRAXINUS V FANTEX)	30	12	5	2	(DALBERGIA SISSOO)	24	10	4	1.25	-	42	10	10	-	
(EUCALYPTUS RUDIS)	24	10	4	1.5		48	17	10	-	-	36	14	8	2.5		30	12	7	2.5		48		11	-	
FLOWERING CHERRY	15	6	2.5		NARROW LEAF GIMLET	15	-	2.5		-	42	15	9	3.5		36	15	10	3	YELLOW OLEANDER	15		2	0.5	
(PRUNUS VARIETIES)	24	9	4	1.25		24	8	3	1		48	16	10	4	SOUTHERN LIVE OAK	15	6	2	0.75	(THEVETIA PERUVIANA)	24	8	4	1.25	
	30		8	2	(EUCALYPTUS -					SHAMEL\ EVERGREEN	15	8	2	1	HERITAGE	24	9	4	1.25	-		-			
	36	13	10	2.5	SPATHULATA)	<u> </u>	-	<u> </u>		(FRAXINUS UHDEI)	24	10	4	1.5	(QUERCUS VIRGINIANA)	30	11	6.5	2						
/08	42	15	11	3 3.5		15 24	5 8	3 5.5		-	30	12	5 8	2.5 3	_	36	13 15	8 10	2.75	-					
	48	17 8	12 2	3.5 0.75	(OLEA EUROPAEA) 'SWAN HILL'	30	8 11	5.5 9	1.5	-	36 42	14	8 9	3.5	-	42 48	15	-	3.5 4.5	-					
(GLEDITSIA TRIACANTHOS	15 24	8 9	2	1.5	SWAN HILL	30	12	9 10	2	-	42	15 16	9 10	3.5 4	TEXAS EBONY	48 15	5	12 2	4.5 0.75	-					
	30	9 10	4 6	2		42	14	12	-	SILK OAK	40 15	8	3	4	(PITHECELLOBIUM-	24	6	2	1.5						
	36	12	8	2.5		48	14	14	4	(GREVILLEA ROBUSTA)	24	10	4	2	FLEXICAULE)	30	7	4	2						
ED	42	14	10	3	ORCHID TREE	15	8	2	0.75	(GREVILLEA RODOUTA)	30	12	6	2.5		36	9	6	2.5						
	48	16	12	3.5	(BAUHINIA)	24	9	4	1.25	1	36	14	7	3		42	10	6	3					1	
	15	8	2	0.75	· /	30	11	6	2				-	-		48	11	7	3.5					1	
(JACARANDA ACUTIFOLIA)	24	9	4	1.5		36		7	2.5															1	
(,	30	12	5	2.5	RAYWOOD ASH\	15	-	4	1																
	36	14	8	3	CLARET ASH	24	10	3	1.5																
	42	16	8	3.5	(FRAXINUS O RAYWOODII)	30	12	5	2															1	
	48	18	9	4		36	14	8	2.5																
JACARANDA (M)	15	5.5	3	0.5]	42	16	10	3]]					
(JACARANDA-	24	8	5	0.75		48	18	12	4																
ACUTIFOLIA)	30	10	6	1.5	RED CAP GUM	15	6.5	2.4	0.75											Page 2 of 2					
	36	12	7	2	(EUCALYPTUS-	24	8	4	1.25																
MESCAL BEAN\ TEXAS	15	3	1		ERYTHROCORYES)		<u> </u>								GENERAL	NOT	ES:								
MOUNTAIN LAUREL	24	4	2	1																					
(SOPHORA -	30	5	3	1.75	-						•	-			or one year from the dat			•							
SECUNDIFLORA)	36	6	4	2	-					0					e. A multitrunk tree is a										
MESCAL BEAN\ TEXAS	15	3	2	0.75	4										ve the ground for trees						ik tre	es,			
MOUNTAIN LAUREL (M)	24	4	3	1	4							-			hat 4", the caliper is me					-					
(SOPHORA -	30		4	1.5	4	\vdash	<u> </u>			4. Size is listed	as th	e bo	DX SI	ze in	inches except for those	tre	es in	115	gallor	i containers.					
SECUNDIFLORA)	36	6	5	2			I	1	I												1	DET		0	
DETAIL NO.		City	of	Sc	ottsdale Scottsda		tanr	lard	c &			Л	ТС			:^				MENITO		DETAIL NO.			
2600-2 Standard Details					Details Specifica					MINIMUM TREE SIZE REQUIREMENTS												-2			





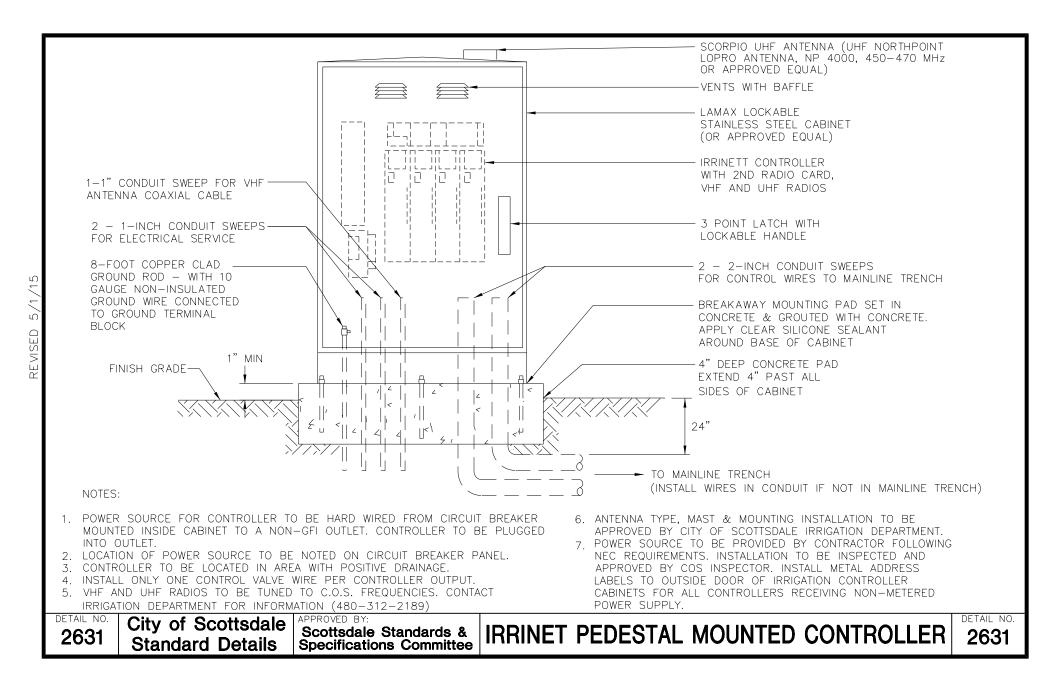


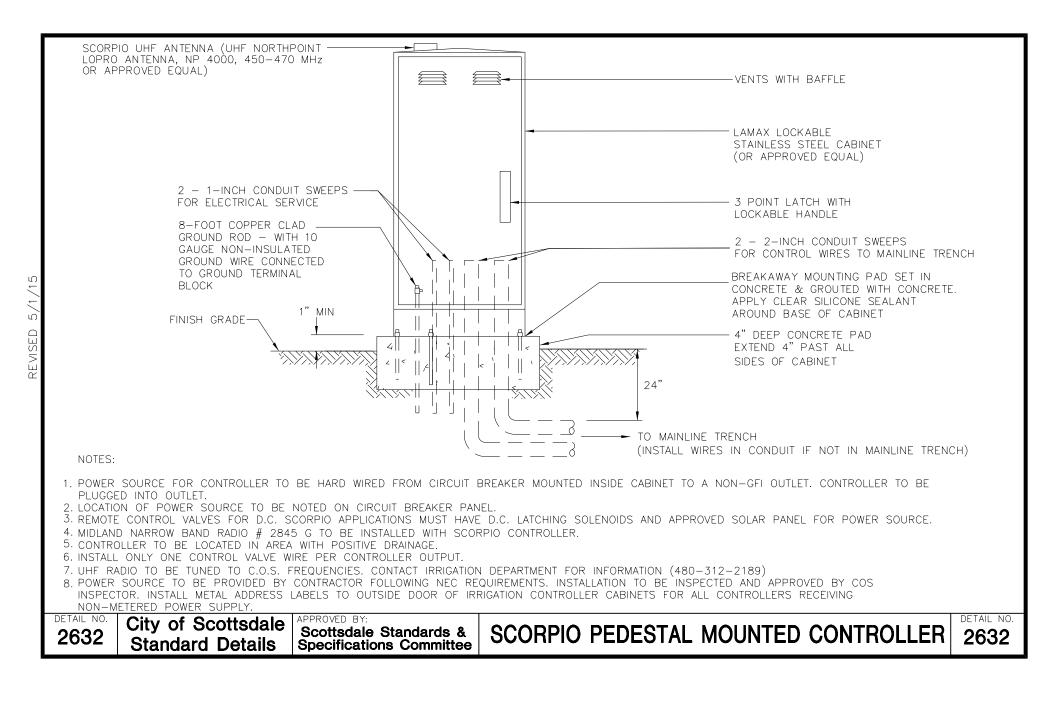


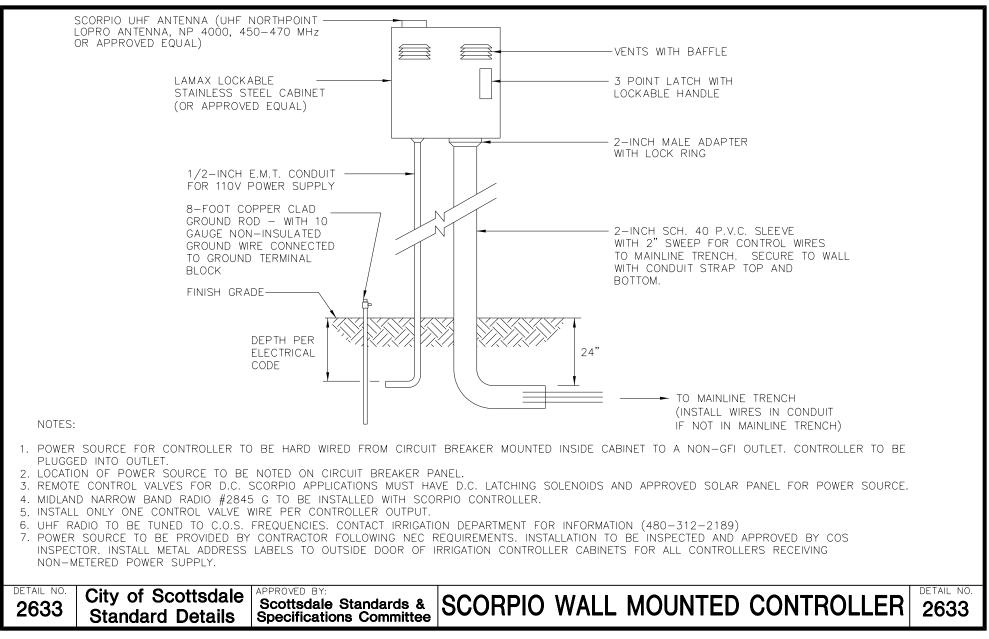


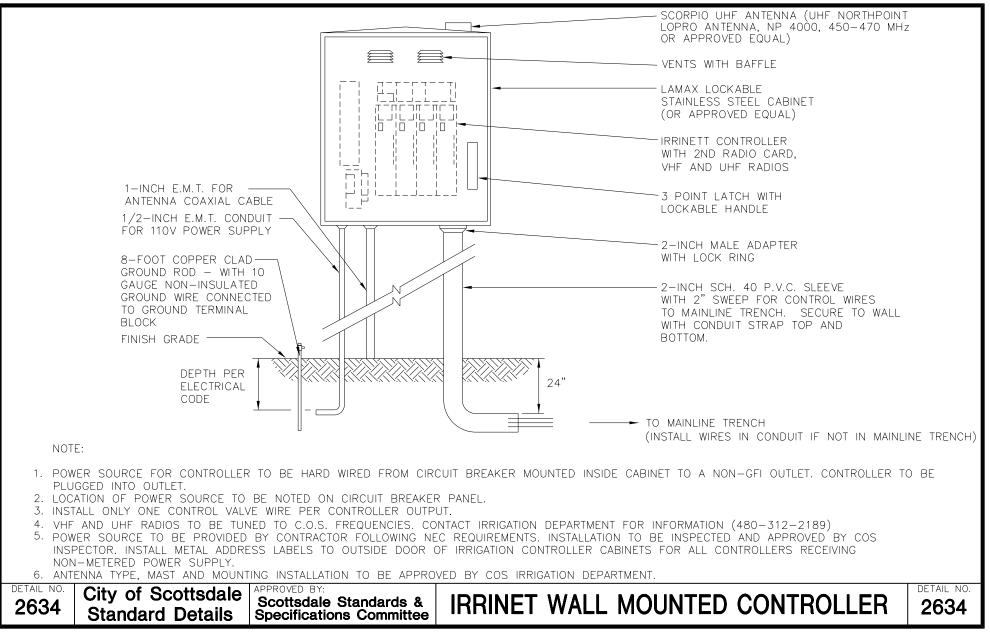
- ALL VERTICAL SURFACES TO BE FORMED.
- VERTICAL SURFACES DOWN FROM 2" BELOW UNDISTURBED SOIL MAY BE PLACED AGAINST NEAT CUT IF APPROVED BY THE ENGINEER AND CONCRETE WILL NOT EXTEND MORE THAN 1" BEYOND THEORETICAL FACE.
- 3. ALL EXPOSED SURFACES TO BE STRIPPED GREEN AND TROWEL FINISHED.
- 4. CONCRETE CURBS CONFORM TO SECT. 340.
- 5. MAXIMUM SPACING OF CONTRACTION JOINTS IS 10' MAXIMUM.
- 6. EXPANSION JOINTS PER SECT. 340, 50' MAXIMUM SPACING.
- 7. CONCRETE TO BE CLASS 'B' PER SECT. 725.
- 8. HEADER SHALL HAVE AN 18" DEPTH IF HEADER IS SUBJECT TO SCOUR WHEN CONTAINING RIP-RAP AREAS.
- 9. TOP OF HEADER TO BE FLUSH WITH TOP OF ANY ADJACENT CONCRETE SURFACES.
- 10. ENSURE A SMOOTH AND EVEN TRANSITION WHERE CONCRETE HEADER TERMINATES AT SIDEWALK OR WALL.
- 11. COLOR TO MATCH ADJACENT SIDEWALKS OR STANDARD CONCRETE COLOR IF NOT ADJACENT TO OTHER PAVING.



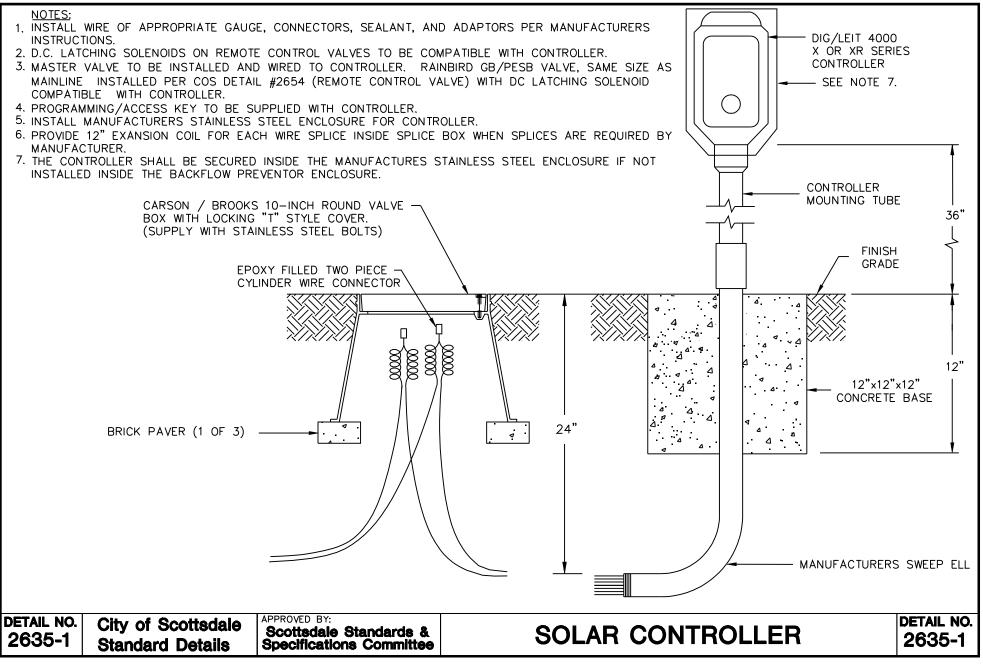


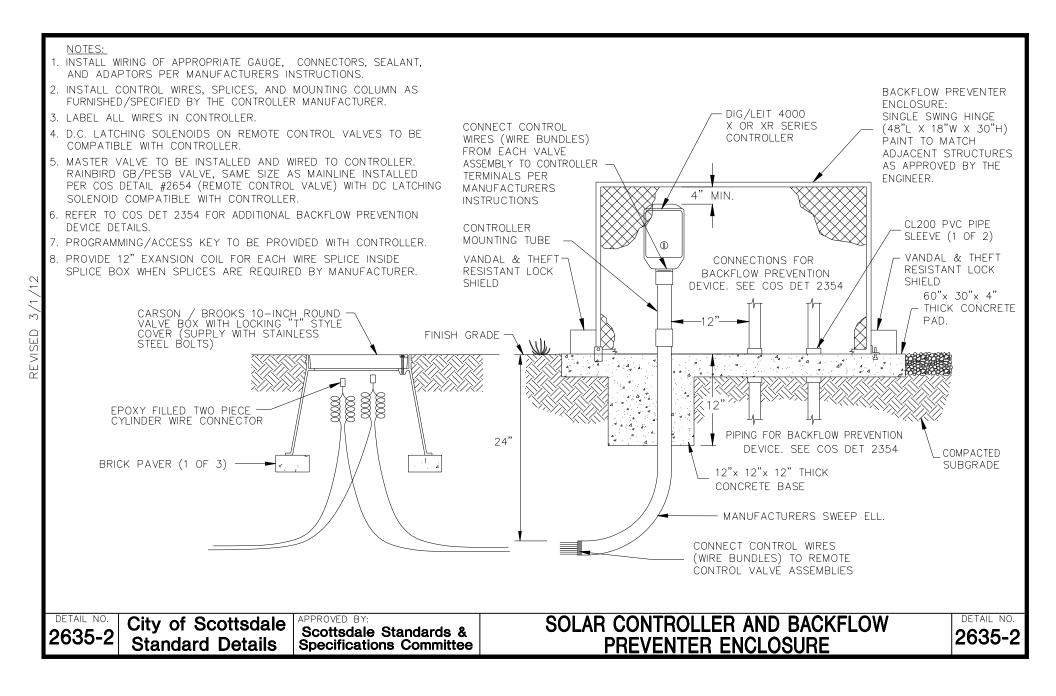


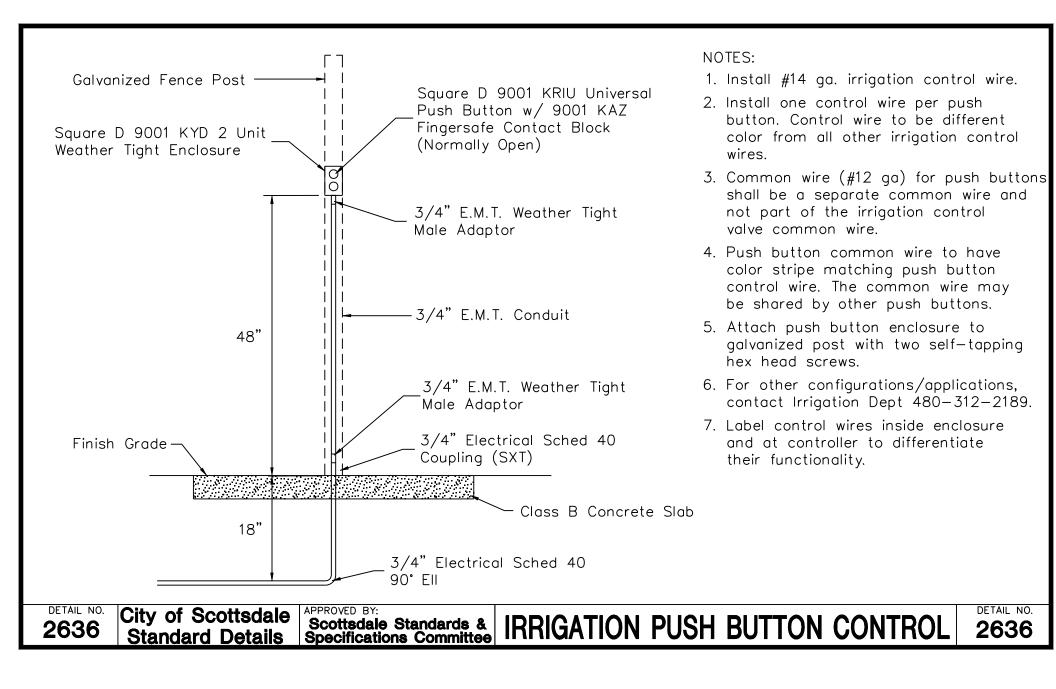


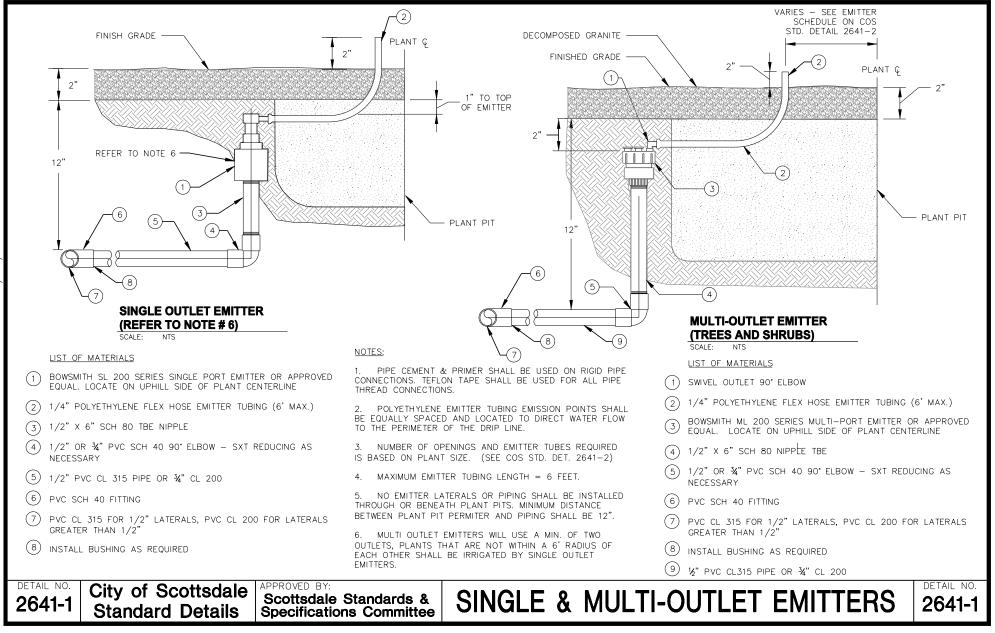


REVISED 5/1/15

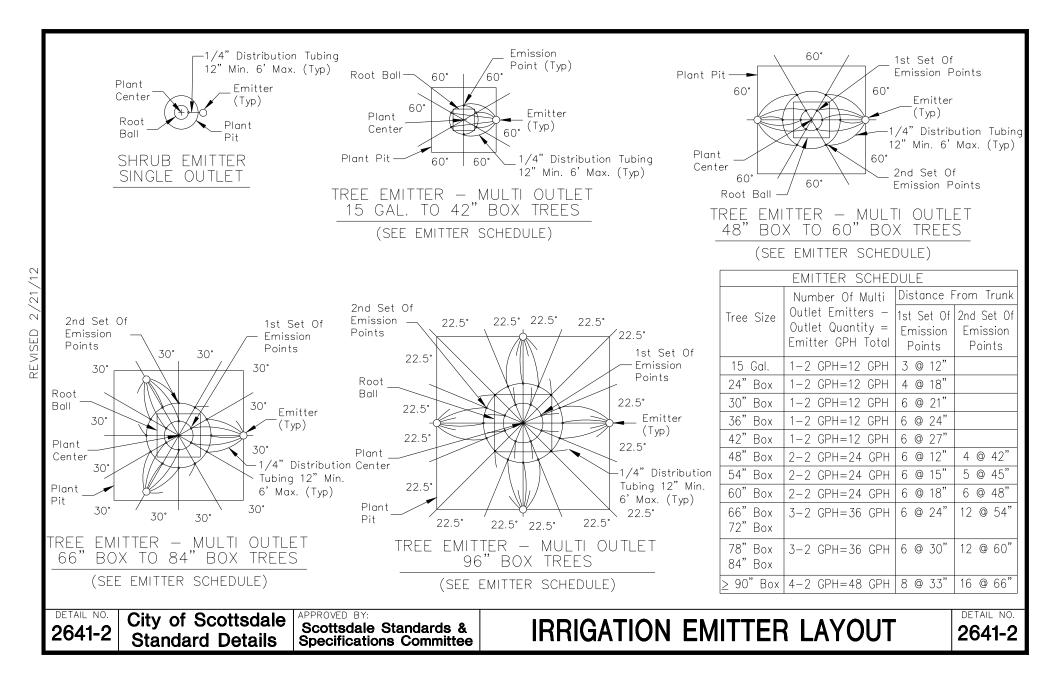


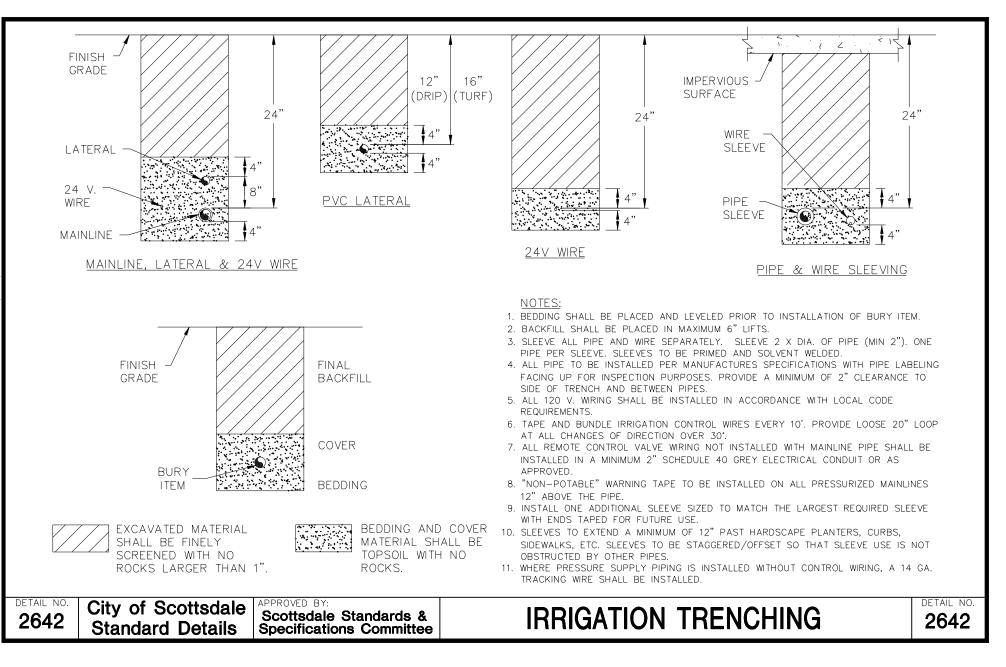


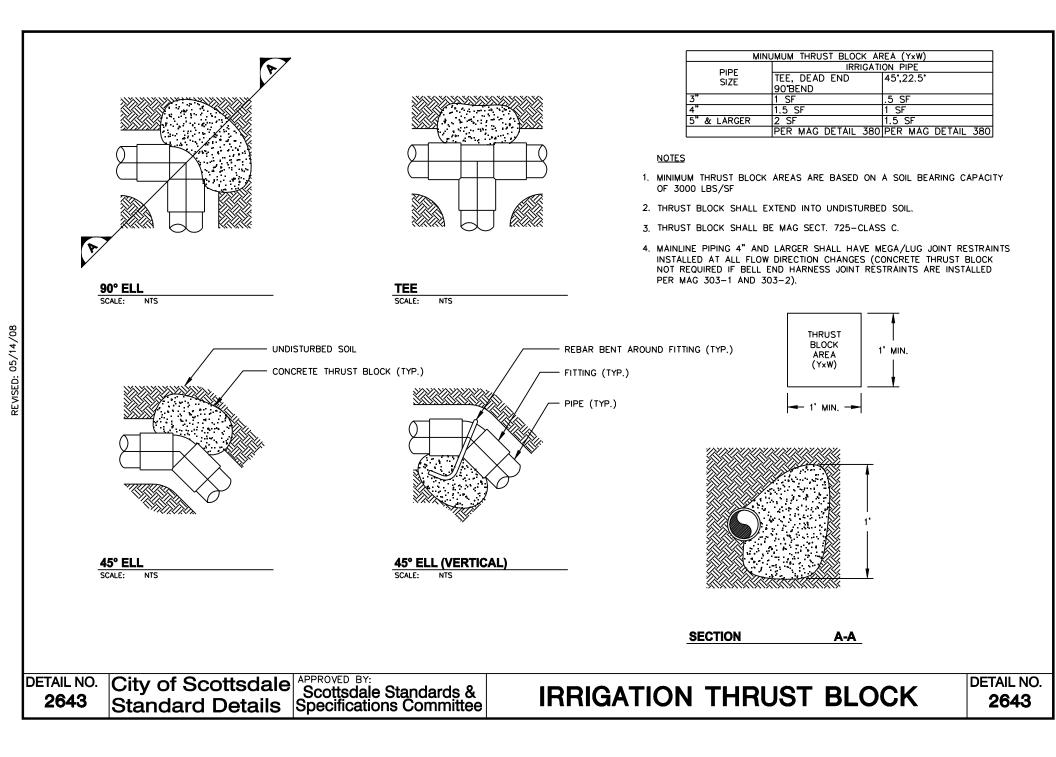


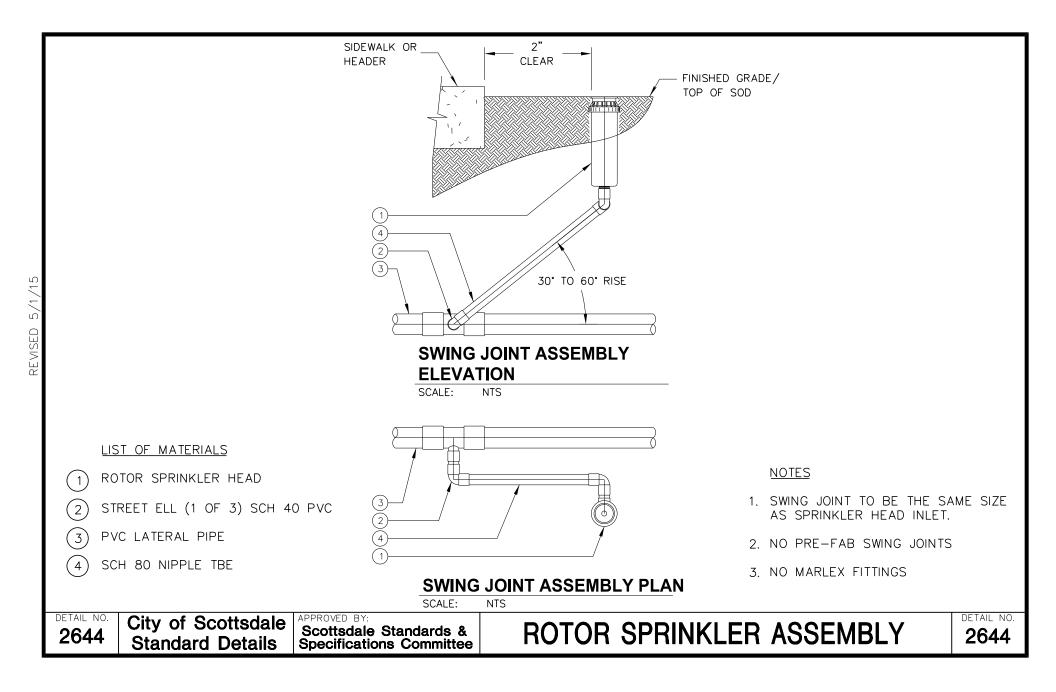


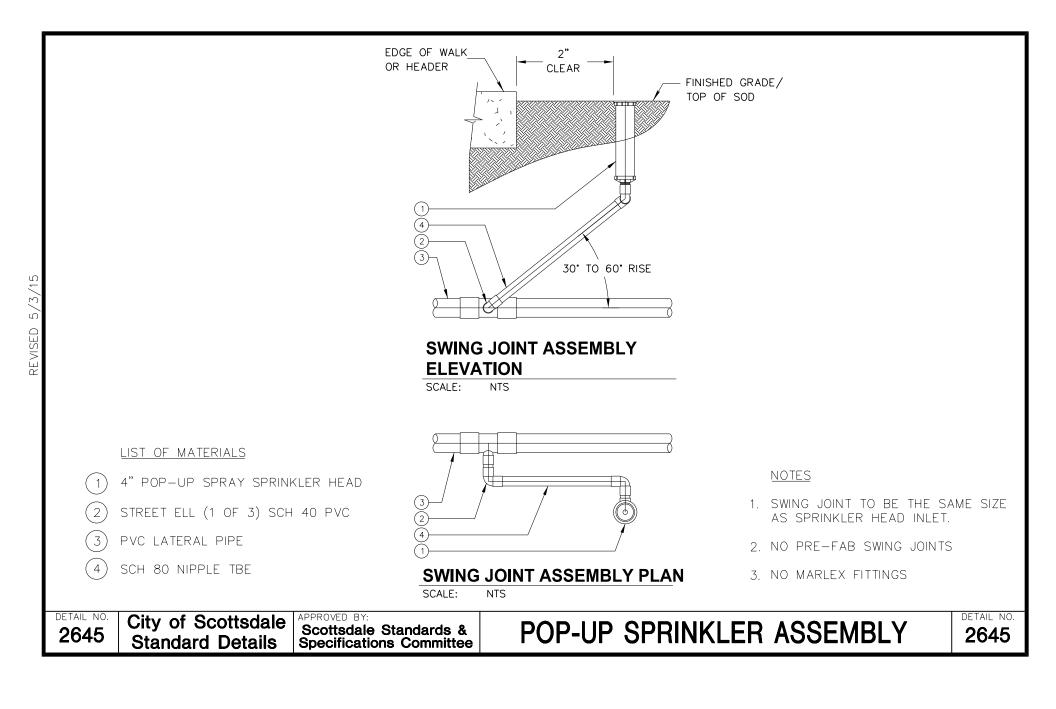
REVISED 2/21/12

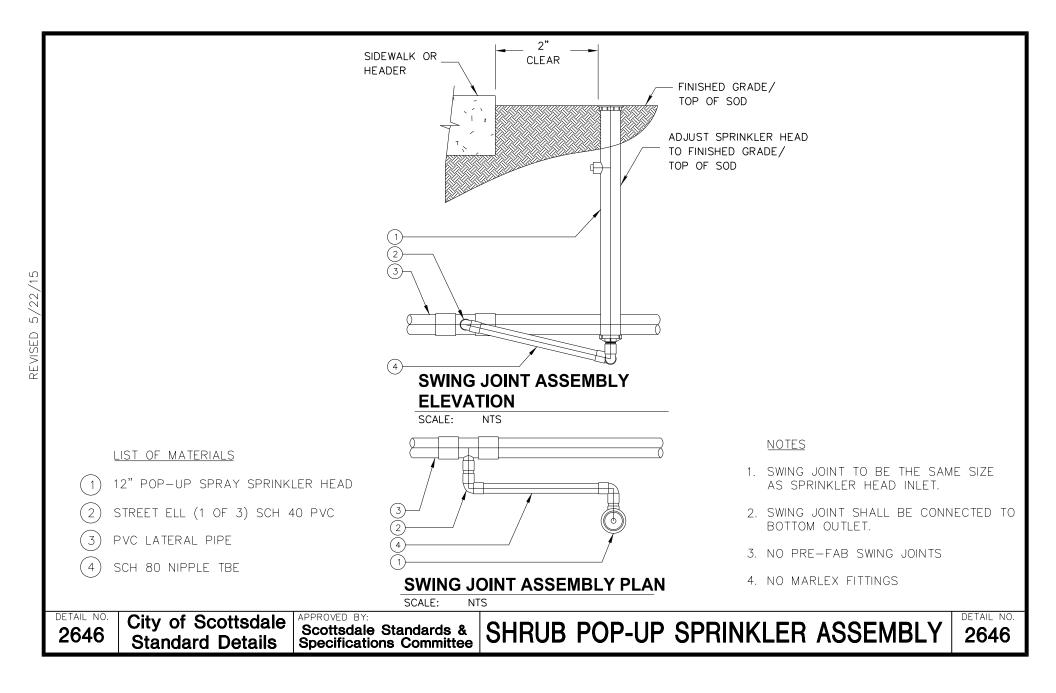


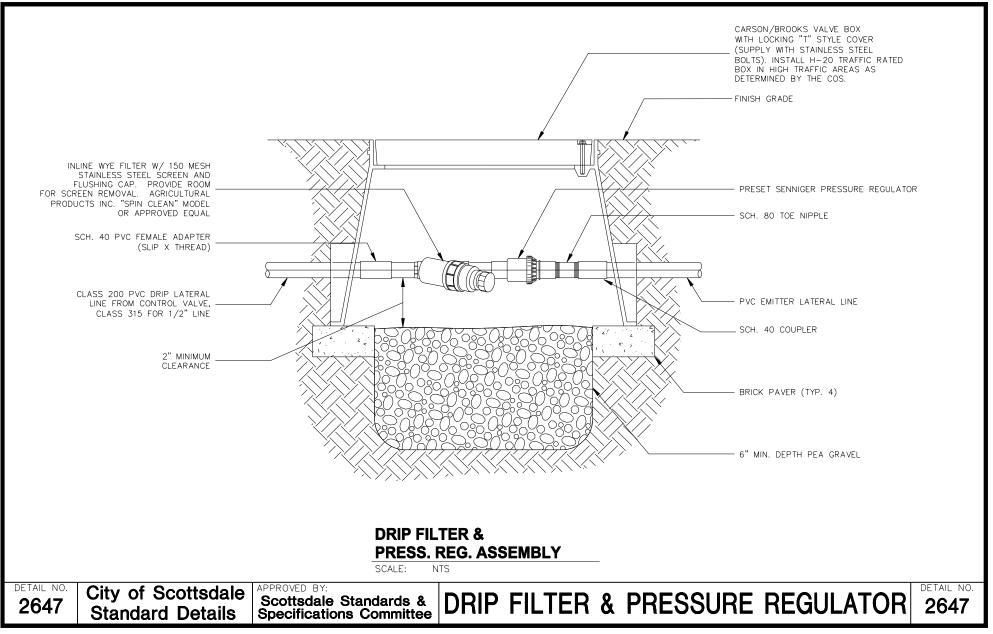


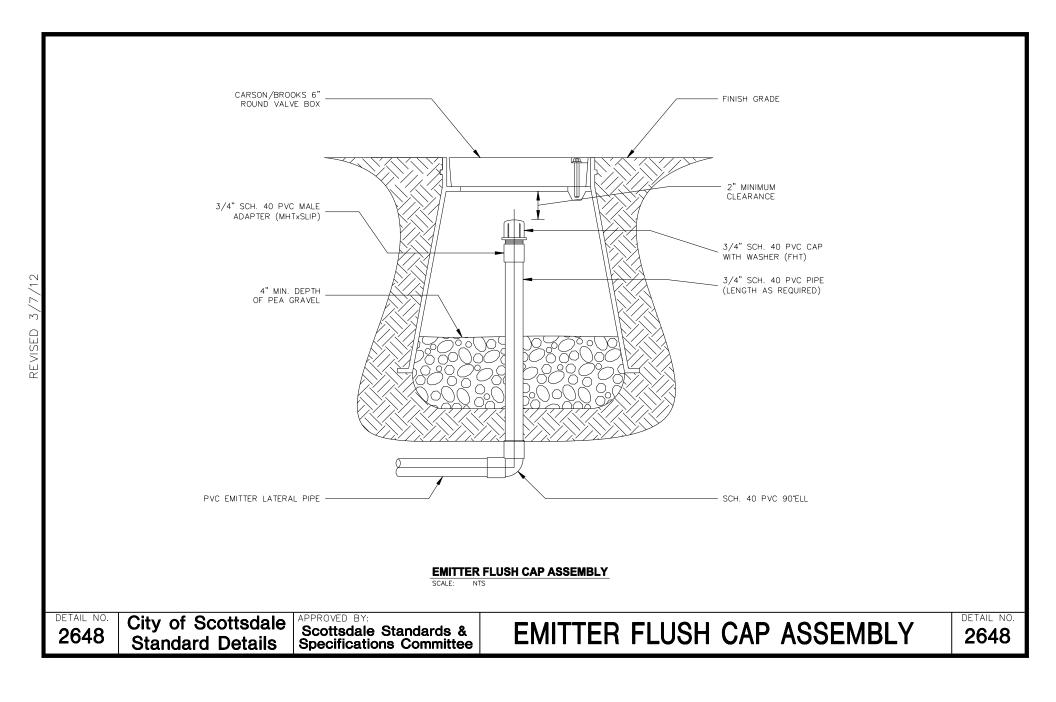


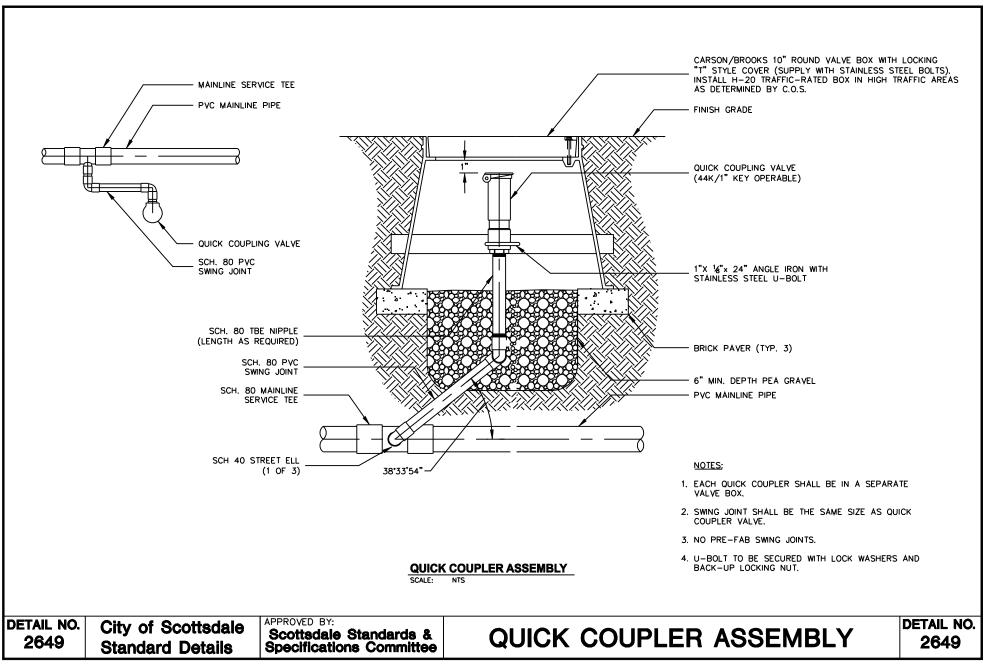




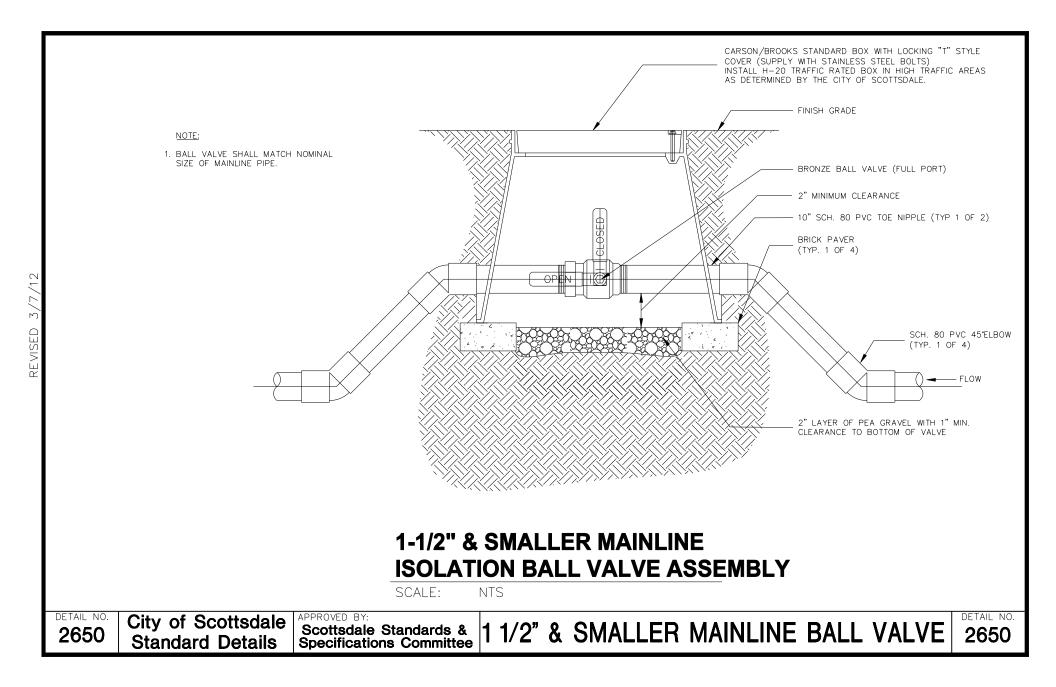


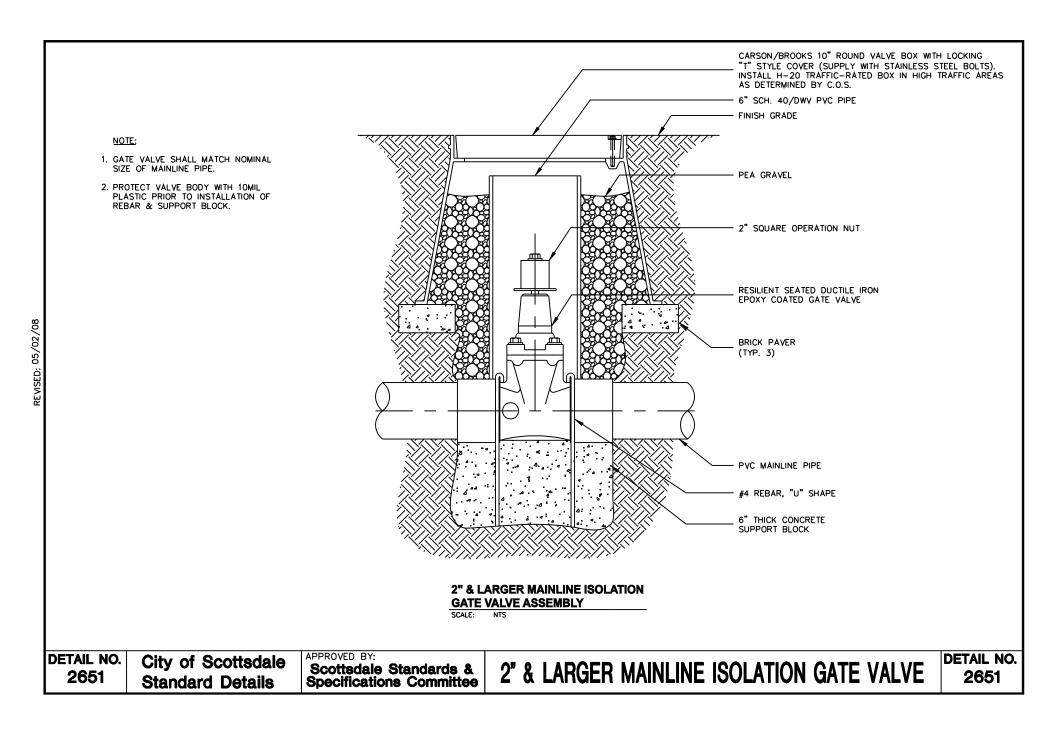


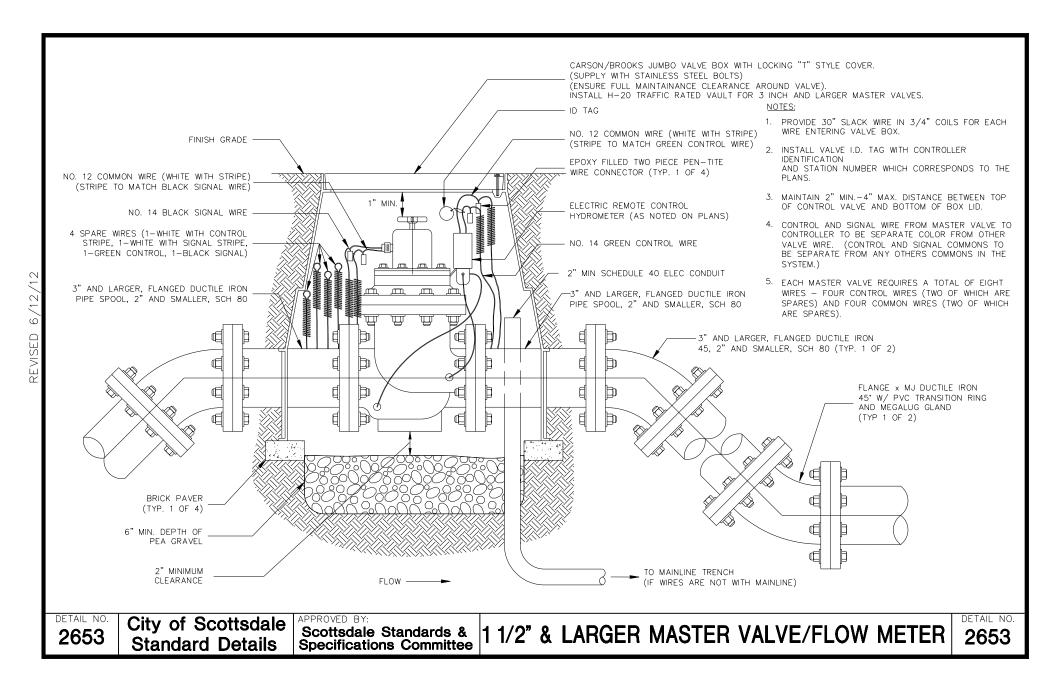


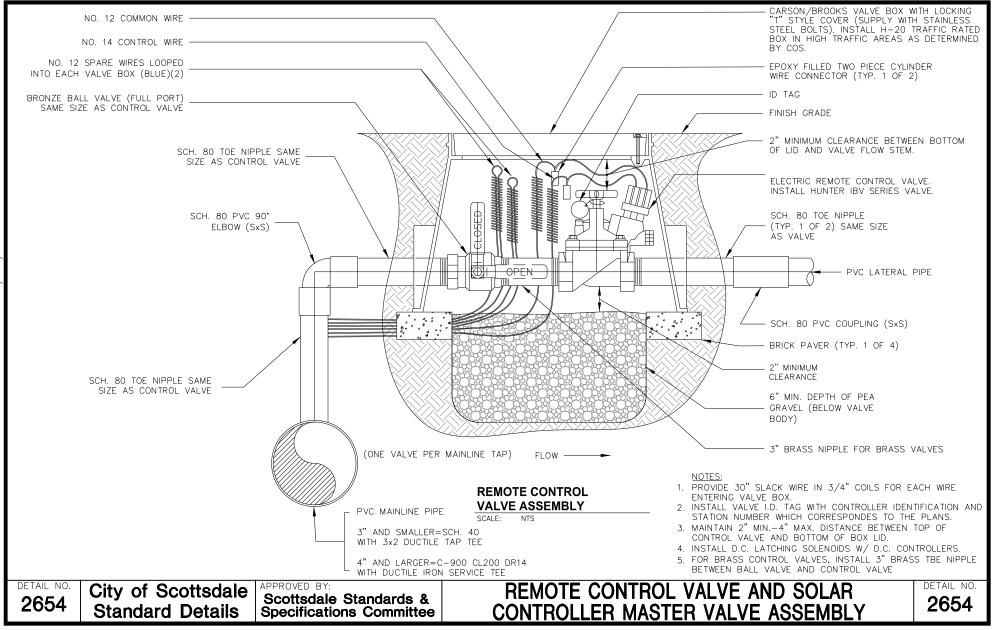


REVISED: 05/02/08

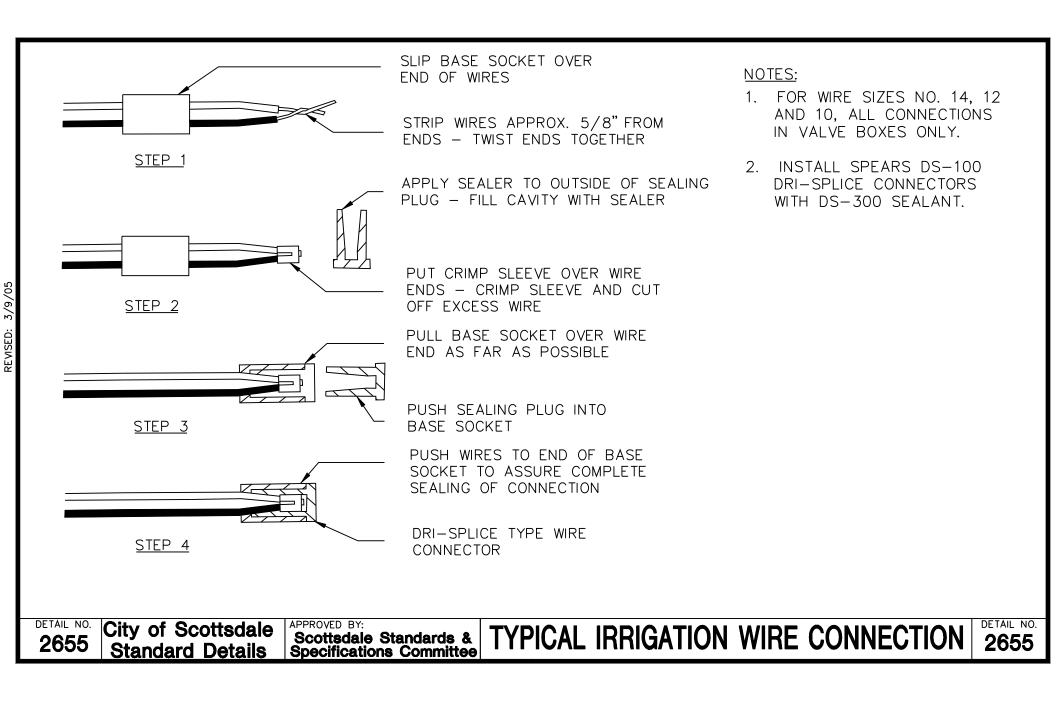








REVISED 6/02/15



WIRE SIZE (AWG)	TO BE IN	NUMBER ISTALLED I E 40 PVC 2–1/2"	ΝA	WIRE SIZE (AWG)
14	25	40	56	14
12	20	33	50	12

<u>NOTE:</u>

1. ALL WIRE SLEEVES TO BE SHC. 40 PVC AND SHALL BE INSTALLED WITH A MINIMUM OFFSET AT THE JOINTS TO PERMIT EASY INSTALLATION AND REMOVAL OF CONTROL AND COMMON WIRES. ALL WIRES SHALL BE INSTALLED IN SLEEVES UNDER THE PAVED AREAS. SLEEVES SHALL EXTEND AT LEAST 12" BEYOND THE EDGES OF THE PAVEMENT. SIZE OF SLEEVES SHALL BE AS SHOWN.



APPROVED BY: Scottsdale Standards & Specifications Committee

IRRIGATION WIRE SLEEVING CHART



