2010

City of Scottsdale

PUBLIC WORKS CONSTRUCTION MAG UNIFORM STANDARD DETAILS SUPPLEMENT TO for



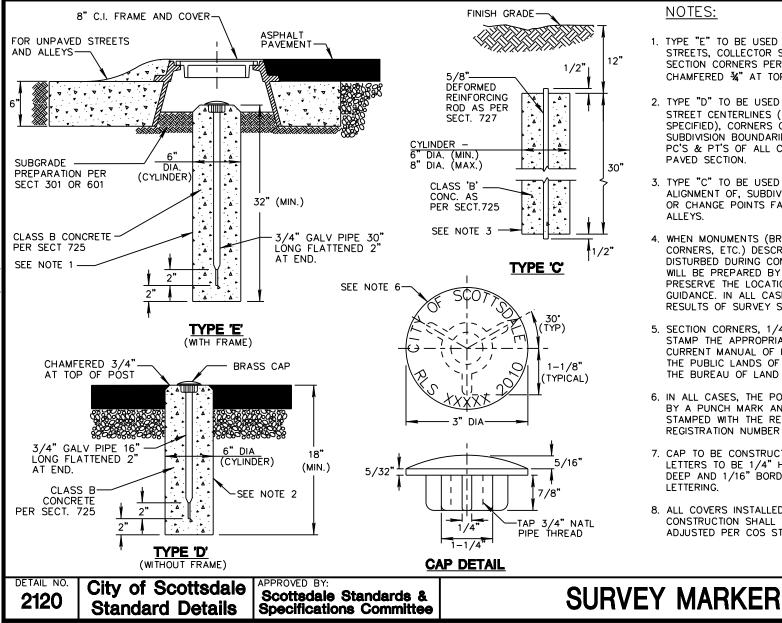
EFFECTIVE JUNE 3, 2010

210 Gen	0 Series eral Information	2200 S	eries nformation (cont'd)	2200 S	eries Information (cont'd)
		2225	Median Nose & Reverse Curve Details	2285	Double Bicycle Rack
2120	5	2226	Median Nose Details		Median Island Details
2124	5 5	2228	Cut-Off Wall	2290-2	Bulb Out/Choker Detail
2131	5	2230	Sidewalk Cutout For Utility Poles	2292-1	Speed Table Details
2132	,	2231*	Detectable Warning Surface	2292-2	Speed Table Details
2133	5 5 51	2232	Directional Sidewalk Ramps	2293	Mid-Block Pedestrian Table
2133	5 5	2233-1	Directional Sidewalk Ramps	2295	Intersection Pedestrian Table
2134	5 51	2200-1	Retrofit – Type A	2295*	Pedestrian Refuge
2134		2233-2	Directional Sidewalk Ramps		5
2134		2255-2	Retrofit - Type B	2300 S	nformation
2134	5	2234	Shared Curb Sidewalk Ramp		
2134	5	2234 2235–1	Mid-Block Sidewalk Ramp - Type A	2305-1	Butterfly Valve Operator Manhole
2135		2235-1	Mid-Block Sidewalk Ramp - Type A Mid-Block Sidewalk Ramp - Type B	2305-2	Butterfly Valve Operator Manhole
2136	5	2233-2 2237	1 51	2315	Nonpotable Water Valve Box & Cover
2137		2237	Sidewalk Pavers (Non-Traffic Bearing) Median Concrete Pavers	2330	Water Service Line Connection
2138		2239	6' Valley Gutter & Apron	2332	Chlorine Injection Tap
2139	5	2240	o valley Gutter & Apron Driveway Entrances	2333	Tap For Future Chlorine Injection
	Extender			2342-1	Pressure Reducing Valve
2140		2255* 2256	Residential Driveways	2342-2	Pressure Reducing Valve
2141		2256 2257*	Commercial/Industrial Driveways-Type CL	2345-1	3", 4", 6" Water Meter
	Wiring	2257* 2258*	Commercial /Industrial Driveways-Type CH	2345-2	3", 4", 6" Water Meter
2146			Commercial/Industrial Driveways-Type Cl	2346	Temporary Construction Meter
2146		2265-1	Bus Shelter - Foundation Plan	2348	Air / Vacuum Release Valve
	Containment Area	2265-2	Bus Shelter — Framing Plan	2349	Water Quality Sampling Station
2147		2265-3	Bus Shelter - Sections	2351	Double Check Valve Backflow Prevention
2147		2265-4	Bus Shelter — Details		Assembly For Assemblies 3" Thru 10"
	Containment Area	2265-5	Bus Shelter - Details	2352	Double Check Valve Backflow Prevention
2165	5	2265-6	Bus Shelter - Notes		Assembly For Assemblies 3/4" Thru
2165	5	2265-7	Bus Shelter - Abbreviations		2 1/2"
	0 Series	2266-1	Closed End Bus Bay - Type "A"	2353	Reduced Pressure Principle Backflow
	et Information	2266-2	Closed End Bus Bay - Type "B"		Prevention Assembly For Assemblies
2200		2267	Far Side Bus Bay	0754	3" Thru 10"
220	5	2268	Base Slab And Foundations For Bus	2354	Reduced Pressure Principle Backflow
2202	5	0070	Stop Bench And Receptacles		Prevention Assembly For Assemblies
220		2270	Frame & Cover Grade Adjustment	0755	3/4" Thru 2 1/2"
2210		2282	Multi-Use Path Striping And Signing	2355	Pressure Vacuum Breaker Assembly For
2220		2283	Multi-Use Path Details		Assemblies 1/2" Thru 2"
222		2284	Multi-Use Path Wet Crossing Sign NOTE:	* - New	Or Revised Detail For 2010 Supplement
	City of Scottsdale				DETAIL NO.
210	00-1 Standard Details Specification	Standar	us a INI	DEX	2100-1
	Januaru Detalis Specificatio				

REVISED 3/31/10

2300 S Water I	Series nformation (cont'd)	2400 Series Sanitary Sewer Information			2600 Series Landscaping Information			
2356	Guard Posts For Backflow Prevention Assemblies	2401	Sanitary Sewer Separation / Protection From Water & Utility	2600-1 2600-2	Minimum Tree Size Requirement Minimum Tree Size Requirement			
2357	Fill Pipe Details For Portable Tanks With Air Gap Separation	2402 2403	Force Main Discharge Manhole Two-Way Force Main Cleanout,	2620-1 2620-2	Landscape Details Landscape Details			
2358	Backflow Prevention Method For Portable Tanks With No Air Gap Separation	2404	3" & Above Force Main Cleanout With Sewage Air	2620-3 2620-4	Landscape Details Landscape Details			
2359	"N" Shaped Double Check Valve Backflow Prevention Assembly For	2405 2420	Release Valve Sewer Air Release Valve Water Tight Concrete Sewer Manhole	2631 2632 2633	Irrinet Pedestal Mounted Contro Scorpio Pedestal Mounted Cont Scorpio Wall Mounted Controller	roller		
2360	Assemblies 3" Thru 10" "N" Shaped Reduced Pressure Principle Backflow Prevention Assembly For Assemblies 3" Thru 10"	2420 2421 2460	Sanitary Sewer Manhole Cover Monitoring/Sampling Vault	2635 2634 2635–1 2635–2	Irrinet Wall Mounted Controller Solar Controller Solar Controller And Backflow F Enclosure			
2361 2362-1 2362-2	Fire Hydrant Bypass Assembly 1—1/2" — 2" Fire Line Connection 3" And Larger Fire Line Connection		<u>n and Storm Drain Information</u>	2636 2641-1	Irrigation Push Button Control Single & Multi-Outlet Emitters			
2363 2364	Pavement Markers For Fire Hydrants Fire And Emergency Access And Delineation		Handrail Detail Wall Opening & Erosion Protection — Type 1	2641-2 2642 2643	Irrigation Emitter Layout Irrigation Trenching Irrigation Thrust Block			
2365 2366 2367 2368	Fire Lane Sign Concrete Collar For Fire Hydrants Remote Fire Department Connection Fire Sprinkler Riser Detail With Remote	2515-3 2520 2535*	Drainage Grate At Block Wall Erosion Protection — Type 2 Storm Drain Manhole Cover Catch Basin Grates	2644 2645 2646 2647	Rotor Sprinkler Assembly Pop-Up Sprinkler Assembly Shrub Pop-Up Sprinkler Assem Drip Filter & Pressure Regulato			
2369	FD Connection Fire Sprinkler Riser Detail With Wallmount FD Connection	2554 2560-1	Concrete Invert Paving For Corrugated Metal Pipe And Pipe Arch Storm Drain Inlet Marker	2648 2649 2650	Emitter Flush Cap Assembly Quick Coupler Assembly 1-12" & Smaller Mainline Ball Ve			
2370 2372 2380	Vertical Realignment Of Water Mains Minimum Utility Separation Requirements Temporary Water Supply Hydrant Meter Assembly	2560-2 2560-3 2562-1	Storm Drain Inlet Marker On Headwall Storm Drain Inlet Marker On Catch Basin/Scupper Storm Sewer Outfall Access Barrier	2651 2653 2654*	2" & Larger Mainline Isolation (1-1⁄2" & Larger Master Valve/Fla Remote Control Valve & Solar Controller Master Valve Assemb	ow Meter		
2381 2382 2383	Temporary Blow-Off For Water Supply Temporary Water Service Water Line Flushing Assembly	2562-2	Barrier Specifications Schedule	2655 2656 2680-1 2680-2	Typical Irrigation Wire Connectic Irrigation Wire Sleeving Chart Trail Access Gates Trail Access Gates	n		
2397 2398 2399	Electronic Ballmarker Placement Antenna Mast Detail Temporary Tap For Chlorine Injection			2681 2682 2683*	Trail Water Bars Trail Safety Barriers Trail Signs			
DETAIL NO	City of Scottodala APPROVED BY:		w Or Revised Detail For 2010 Supplement		Trail Marker Sign	DETAIL NO.		
2100-2	2 Standard Details Specification	e Standar ons Comr	ds & N	IDEX	:	2100-2		

REVISED 3/31/10

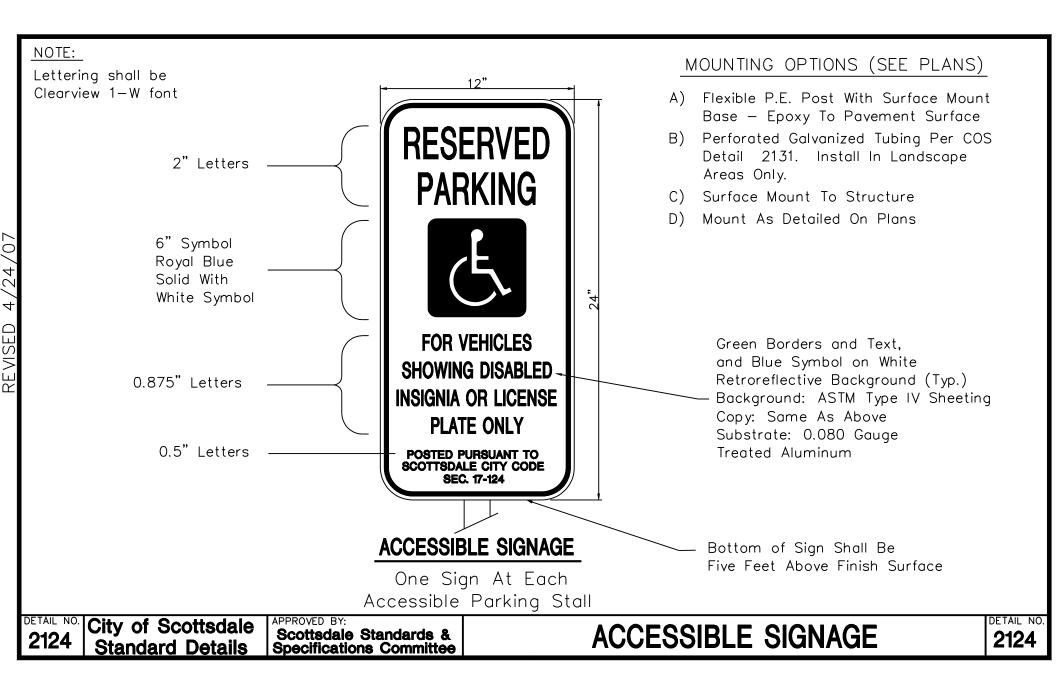


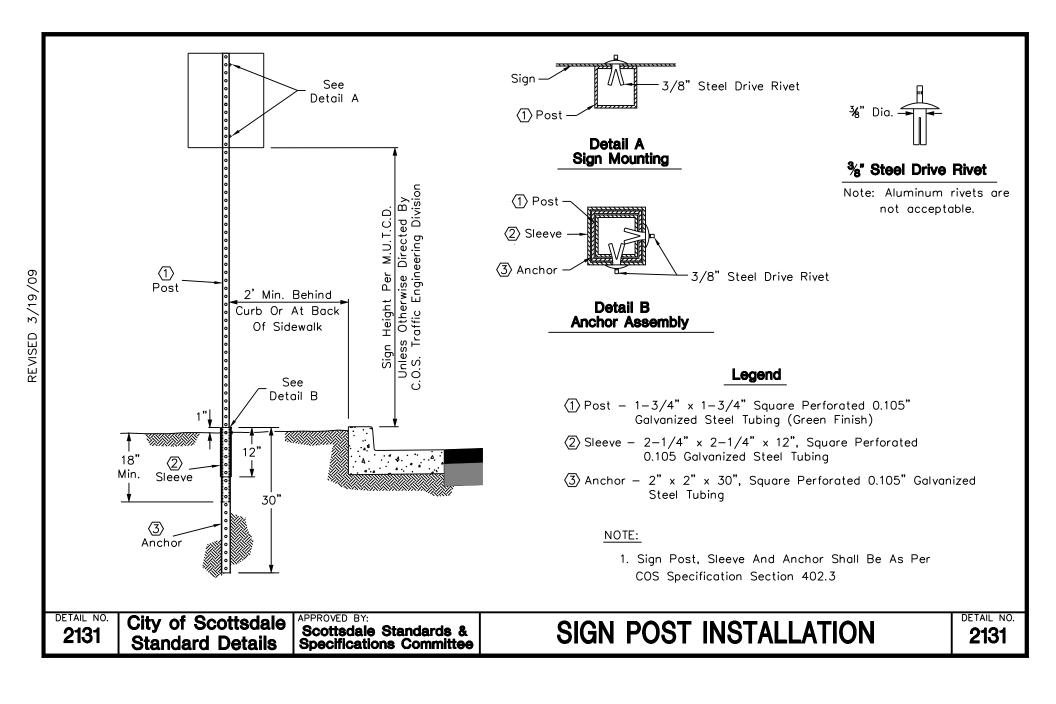
- 1. TYPE "E" TO BE USED AT INTERSECTIONS OF MAJOR STREETS, COLLECTOR STREETS, SECTION AND QUARTER SECTION CORNERS PER ARS 33-103. CONCRETE POST IS CHAMFERED 3/4" AT TOP.
- 2. TYPE "D" TO BE USED AT 1/6TH CORNERS, INTERSECTIONS OF STREET CENTERLINES (EXCEPT WHERE TYPE "E" IS SPECIFIED), CORNERS OR CHANGES 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.

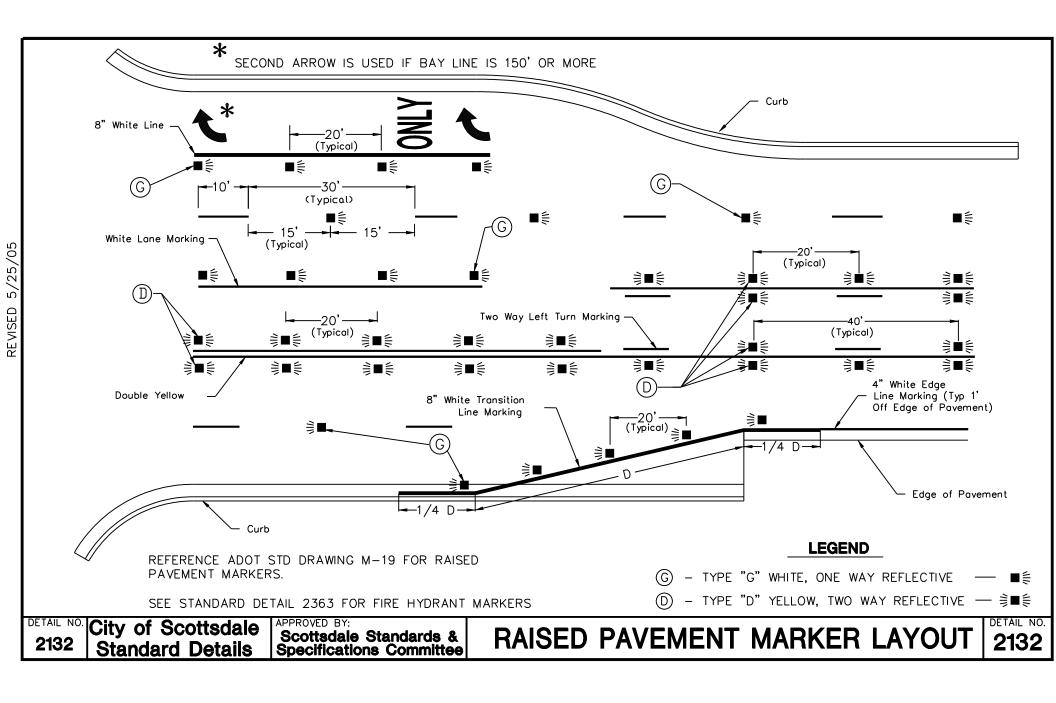
3/31, NEW

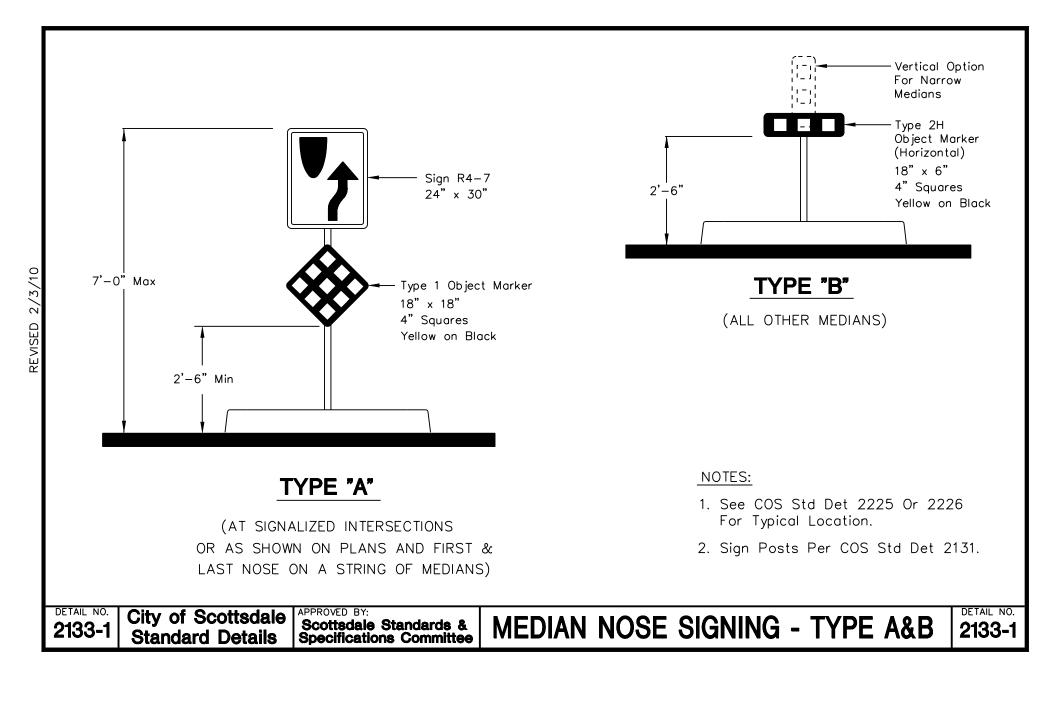
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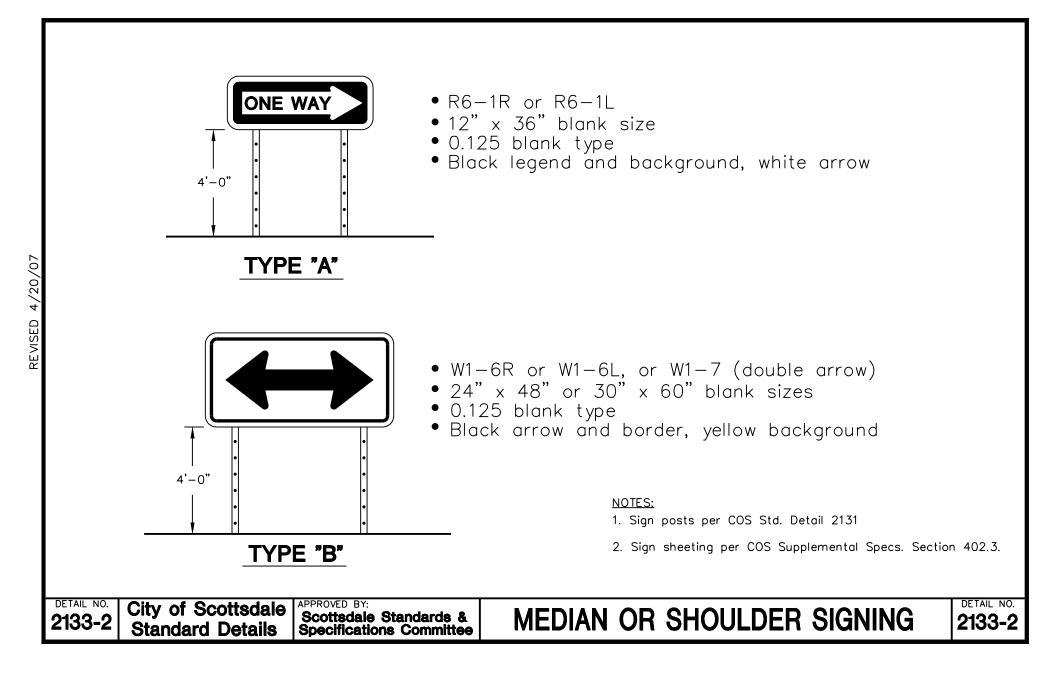
DETAIL NO. 2120

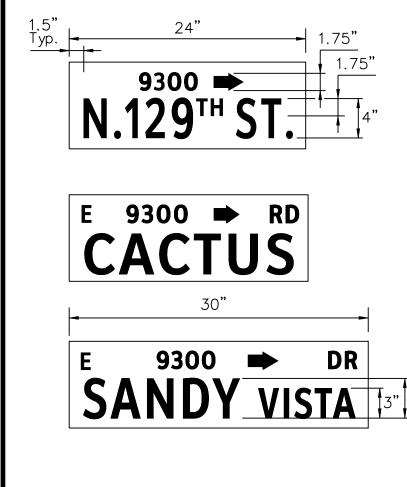












City of Scottsdale

Stándard Details

APPROVED BY: Scottsdale Standards &

Specifications Committee

TYPE A SIGNS

ASTM Type IV Sheeting Green/White (2 Sides) Typeface: Clearview 2-W Blank Sizes: 9"x 24", 9"x 30" 9"x 36", 9"x 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.

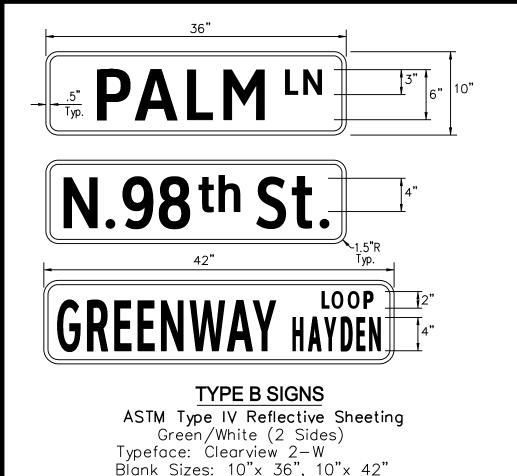
Intended Usage: Type "A" Street Name Signs shall be used in residential areas where Residential Streets intersect with Local Collector Streets. See the COS General Plan for Street Designations.

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



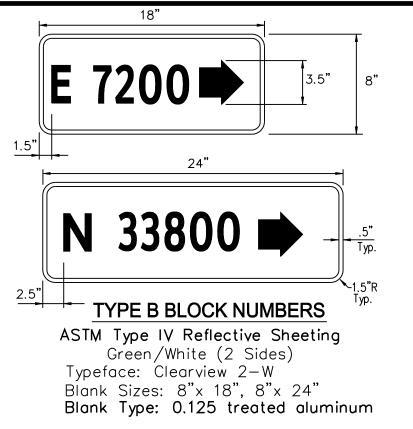
DETAIL NO.

2134-1



Intended Usage: Type "B" Street Name Signs shall be used where a Residential Street or a Local Collector Street intersects with a street with a classification of Major Collector or larger. See the COS General Plan for Street Designations.

Blank Type: 0.125 treated aluminum



Type "B" Block Numbers to be mounted with Type "B" Street Name Signs. They shall be mechanically attached to the top of the Type B Street Name Sign using FHWA approved aluminum sign mounting brackets.

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

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





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

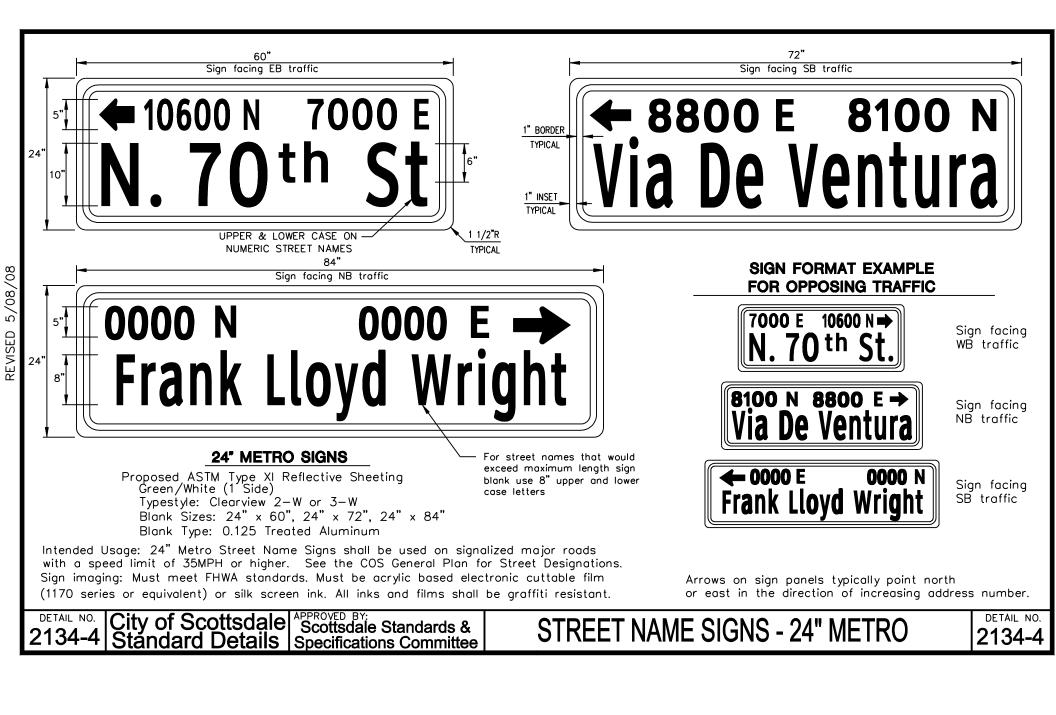


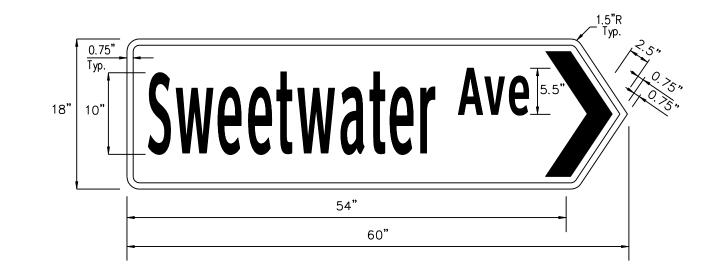
Sign facing SB traffic

REVISED 5/08/08

STREET NAME SIGNS - 18" METRO

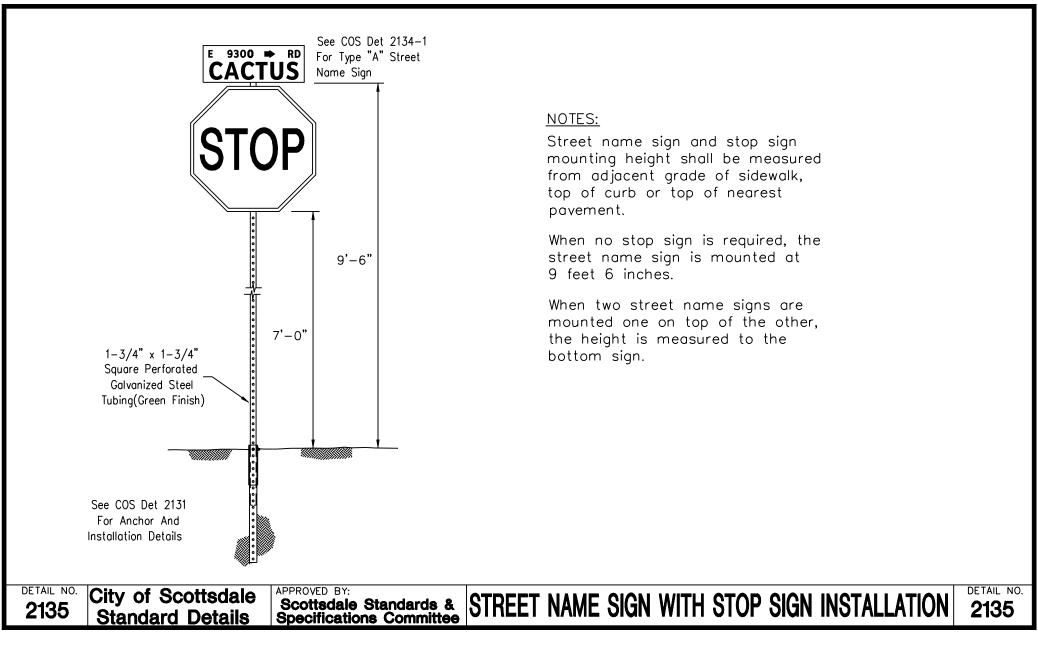


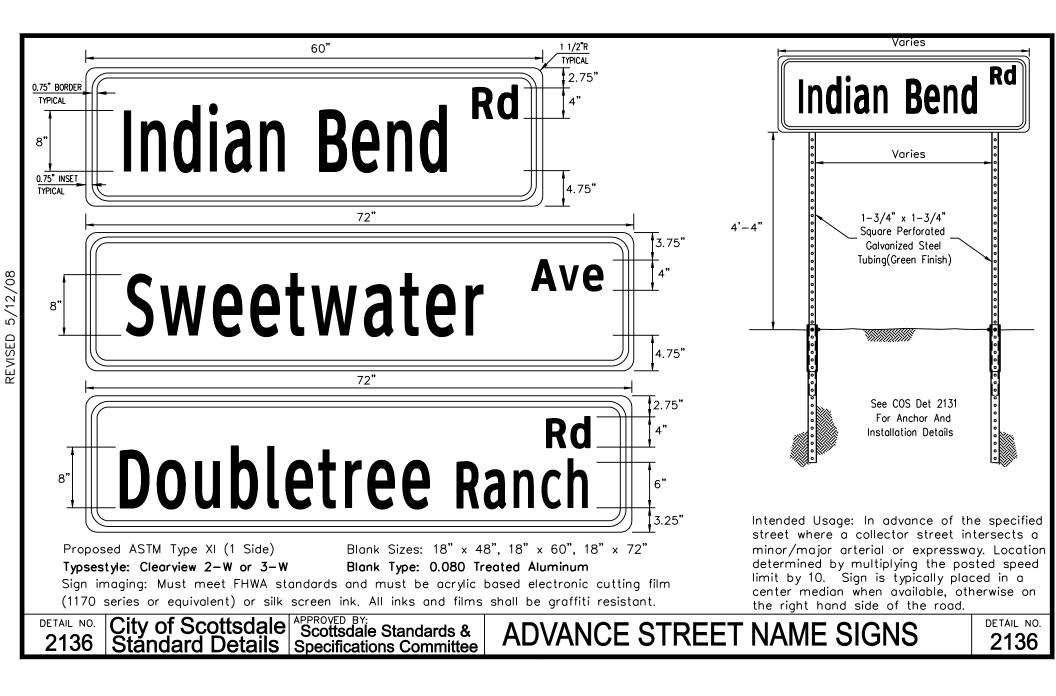


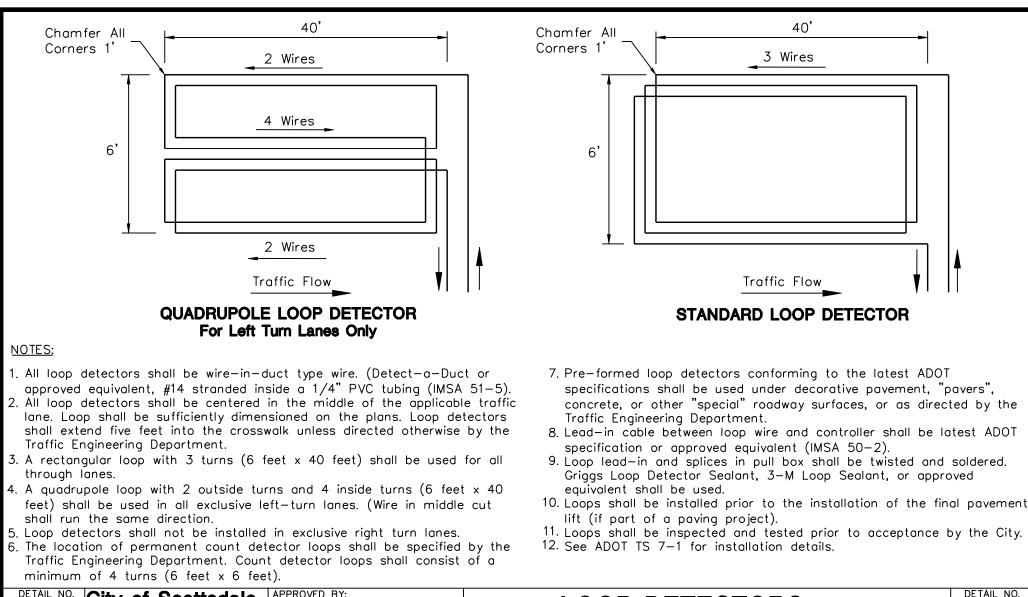


Blank Type: 0.100 gauge treated aluminum Sheeting: ASTM Type IV — green background Typestyle: Clearview 2—W upper and lower case Legend and Border: White

2134-5 City of Scottsdale Scottsdale Standards & DIRECTIONAL STREET NAME SIGN 2134-5



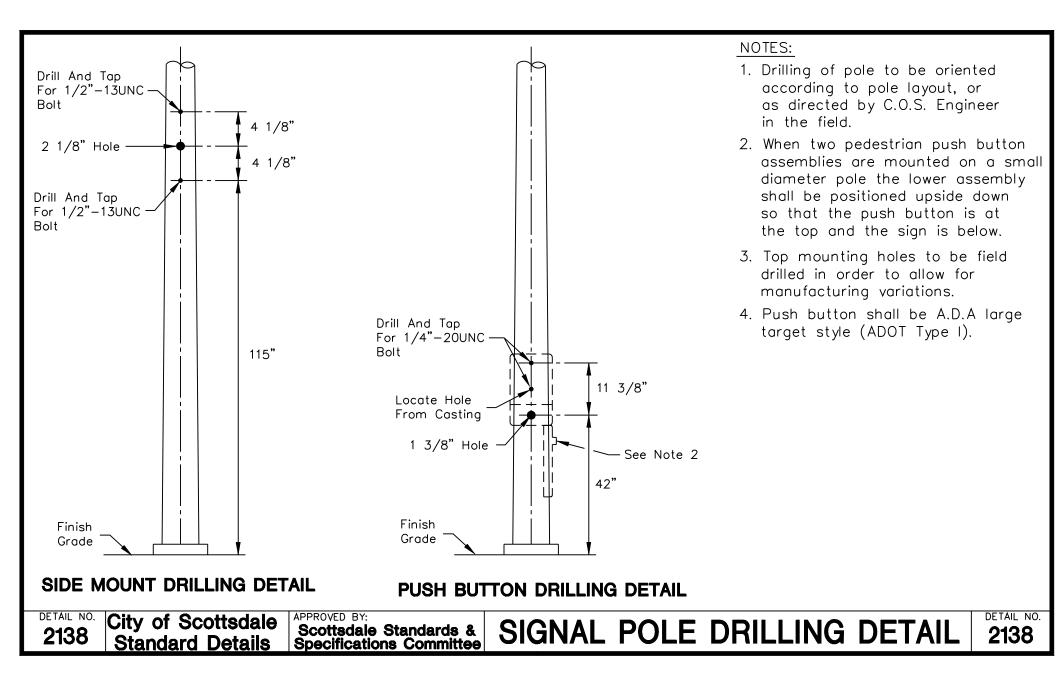


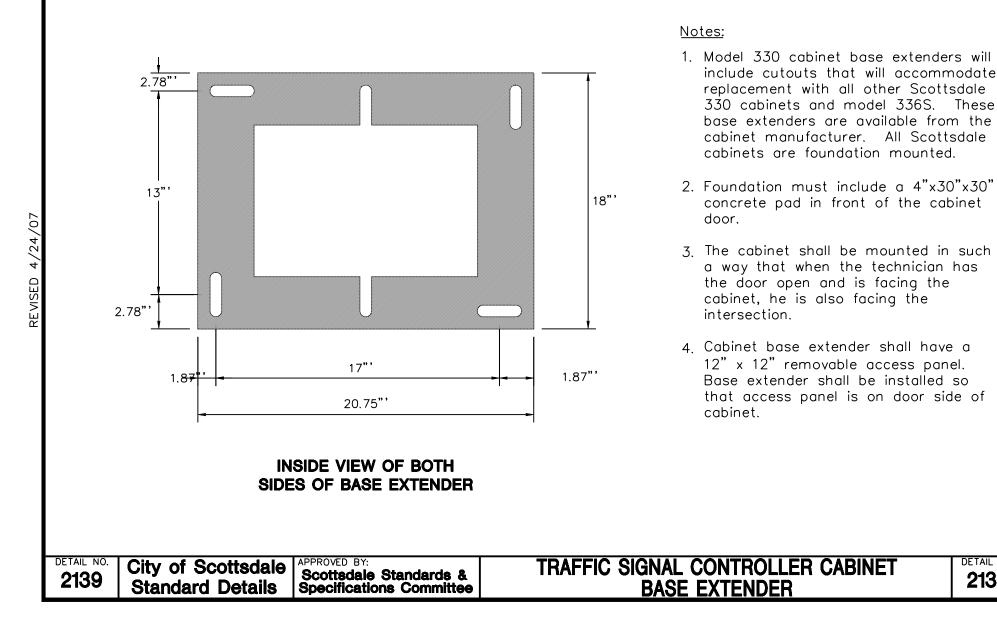


0107	City of Scottsdale	Scottsdale Standards &
2137	Standard Details	Specifications Committee

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

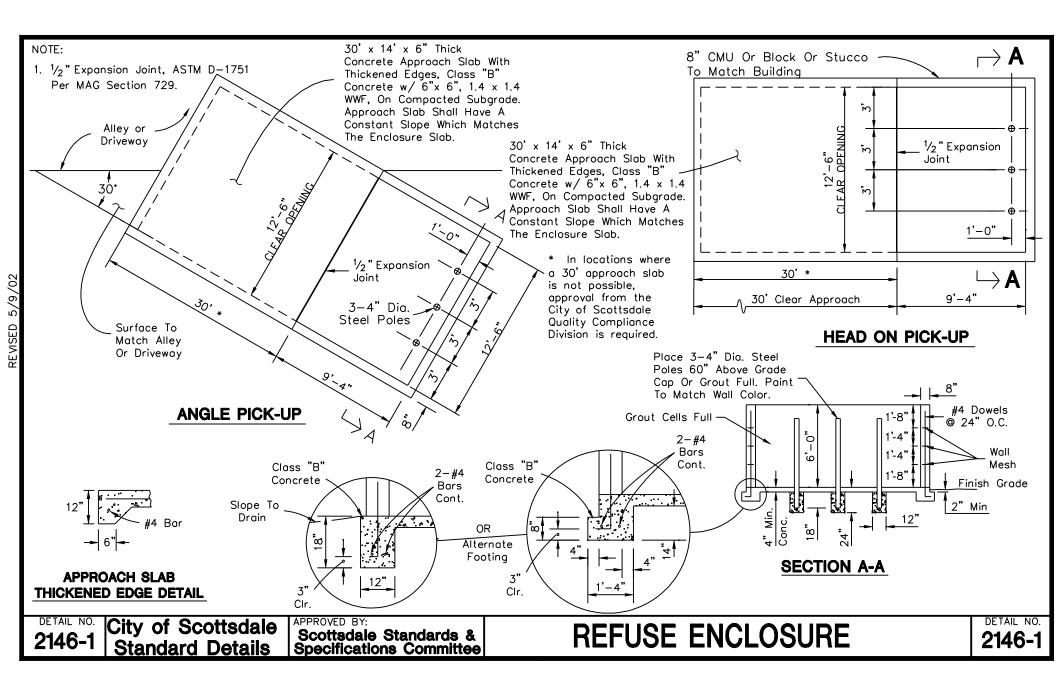
DETAIL NO. **2140**

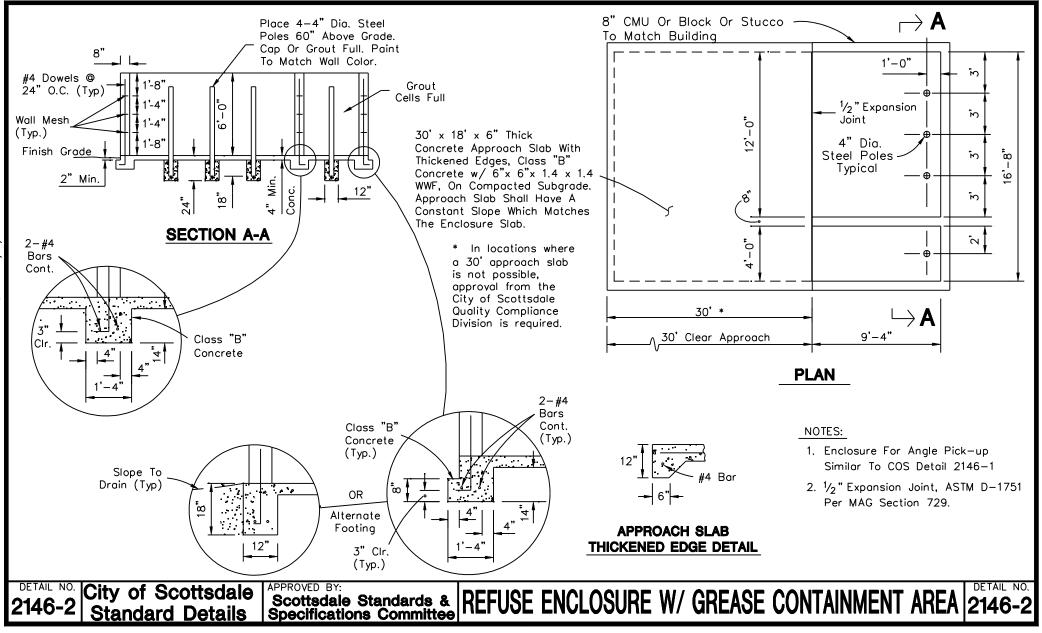
MAIN DIRECTIONS			N DIRECTIONS color + White)		RN DIRECTIONS Color + Black)	Color Of Wire For Power/Neutrals/Pushbuttons		
Direction	Color	Direction	Color	Direction	Color	Wire	Color	
WB	Blue	WBLT	Blue + White	WBRT	Blue + Black	AC+ Power	Black	
EB	Green	EBLT	Green + White	EBRT	Green + Black	AC- (Neutral)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

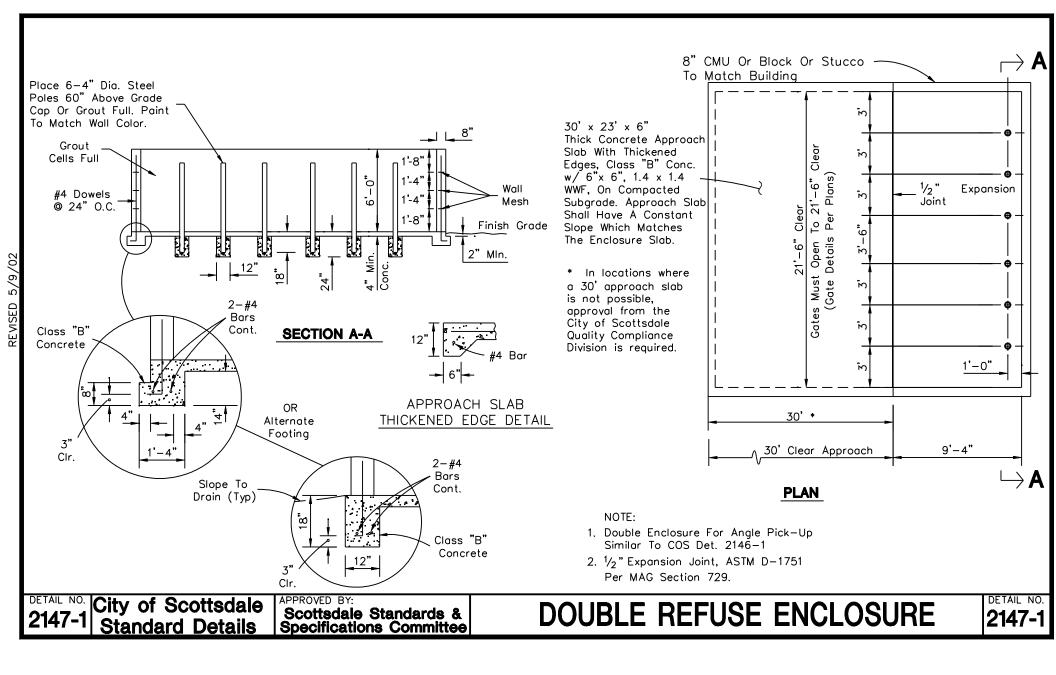
WBLT = West Bound Left Turn and shall be the phase for vehicles facing west and turning to south EBLT = East Bound Left Turn and shall be the phase for vehicles facing east and turning to north NBLT = North Bound Left Turn and shall be the phase for vehicles facing north and turning to west SBLT = South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

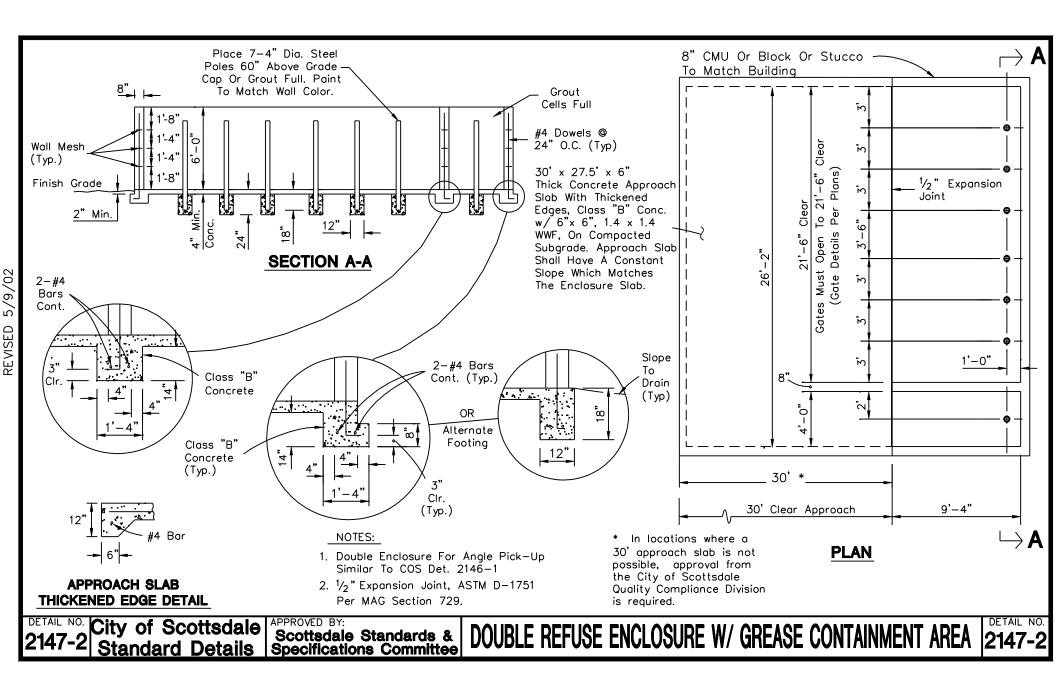
WBRT = West Bound Right Turn and shall be the phase for vehicles facing west and turning to north EBRT = East Bound Right Turn and shall be the phase for vehicles facing east and turning to south NBRT = North Bound Right Turn and shall be the phase for vehicles facing north and turning to east SBRT =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

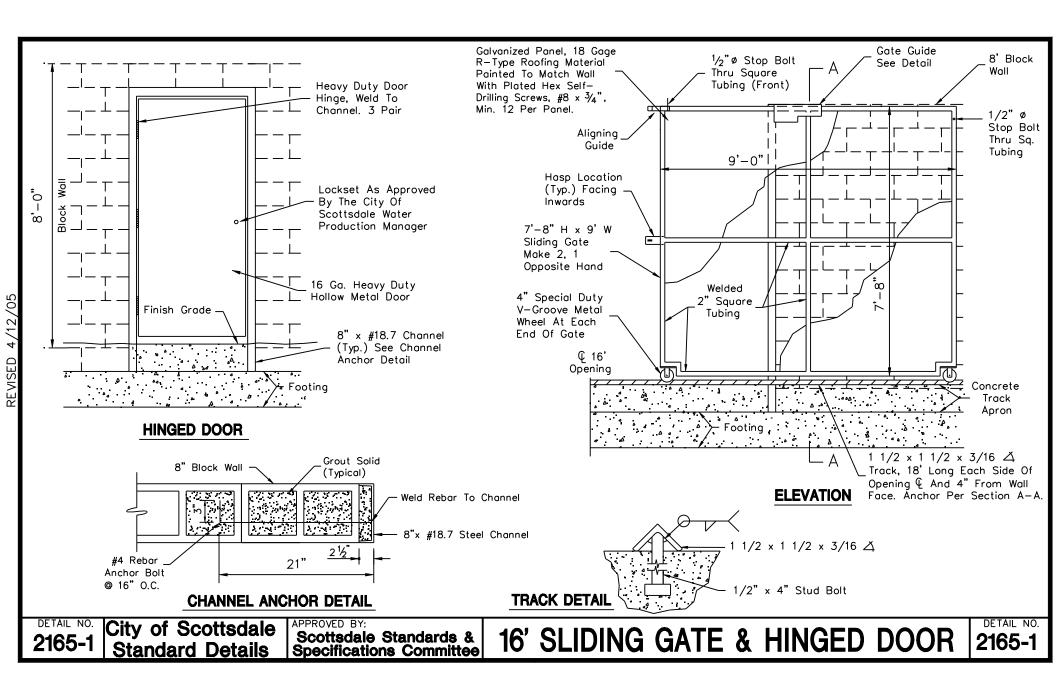
2141 City of Scottsdale Scottsdale Standards & Specifications Committee TAPE COLOR CODES FOR TRAFFIC SIGNAL WIRING 2141

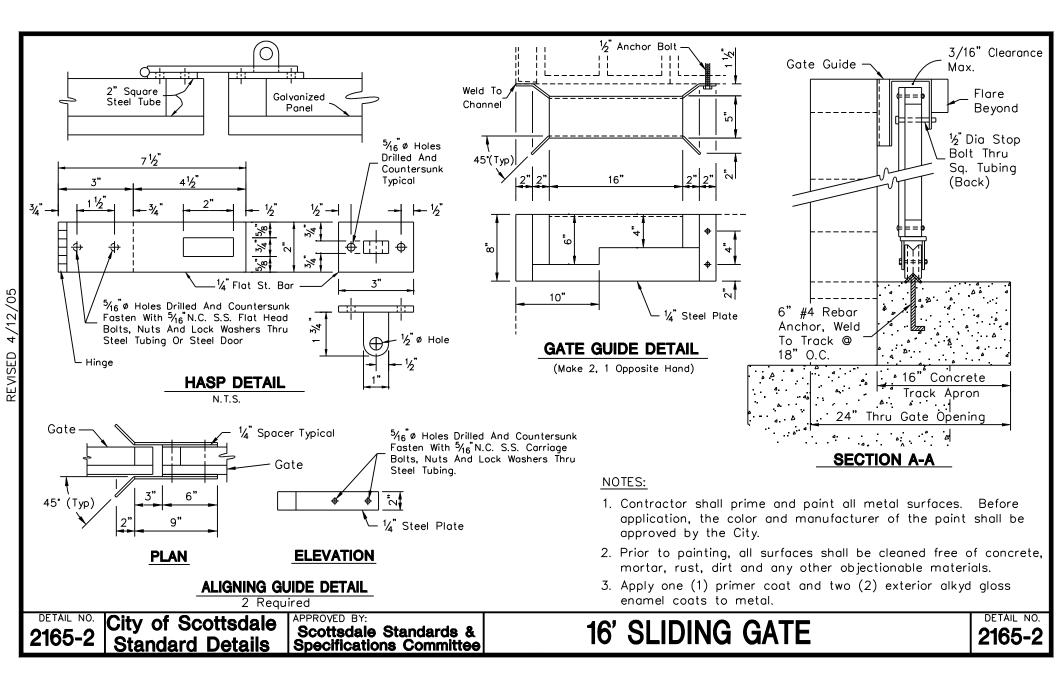


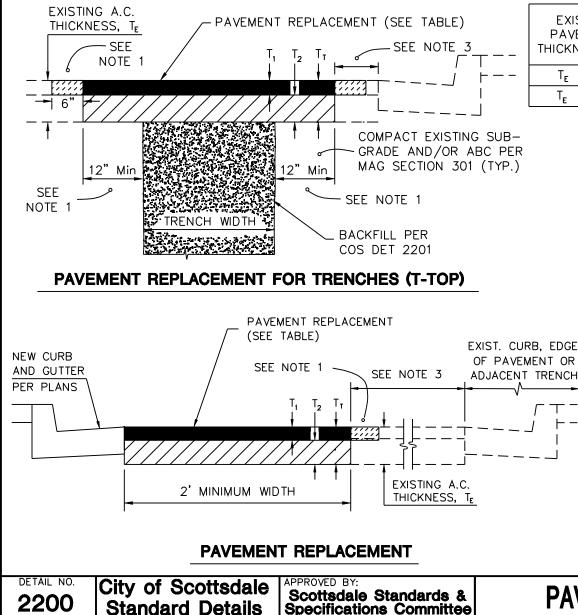












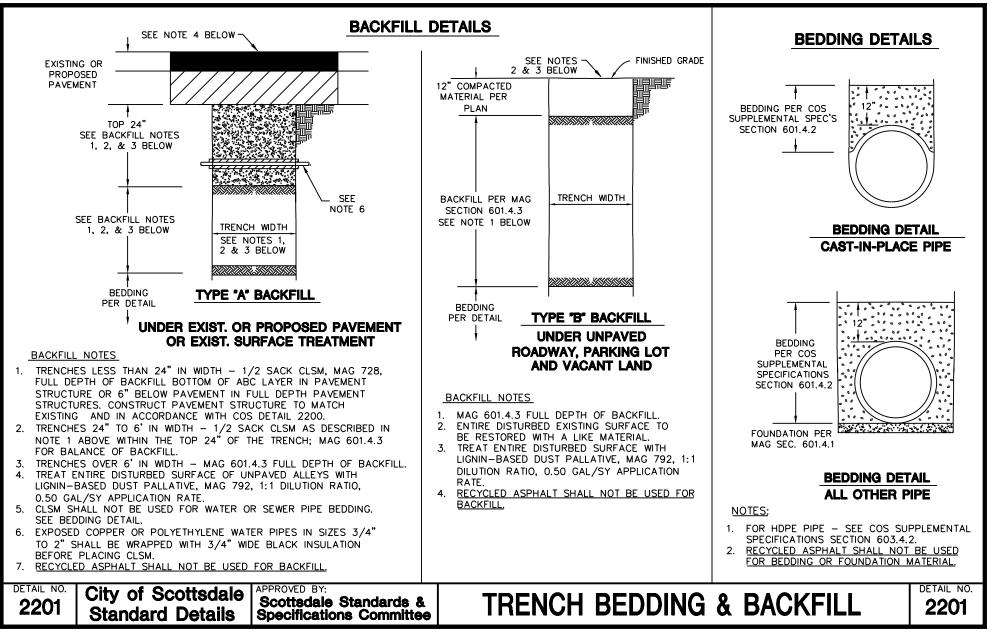
EXISTING	AC PAVEMENT REPLACEMENT TABLE						
PAVEMENT THICKNESS, T _e	AC SINGLE COURSE OR SURFACE COURSE, T ₁	AC BASE COURSE, T₂	TOTAL THICKNESS, T _T				
$T_E \leq 3$ "	3" MINIMUM	NONE	3" MINIMUM				
T _E > 3"	2" MINIMUM	2" MINIMUM	T _E (MATCH EXIST)				

PAVEMENT REPLACEMENT NOTES

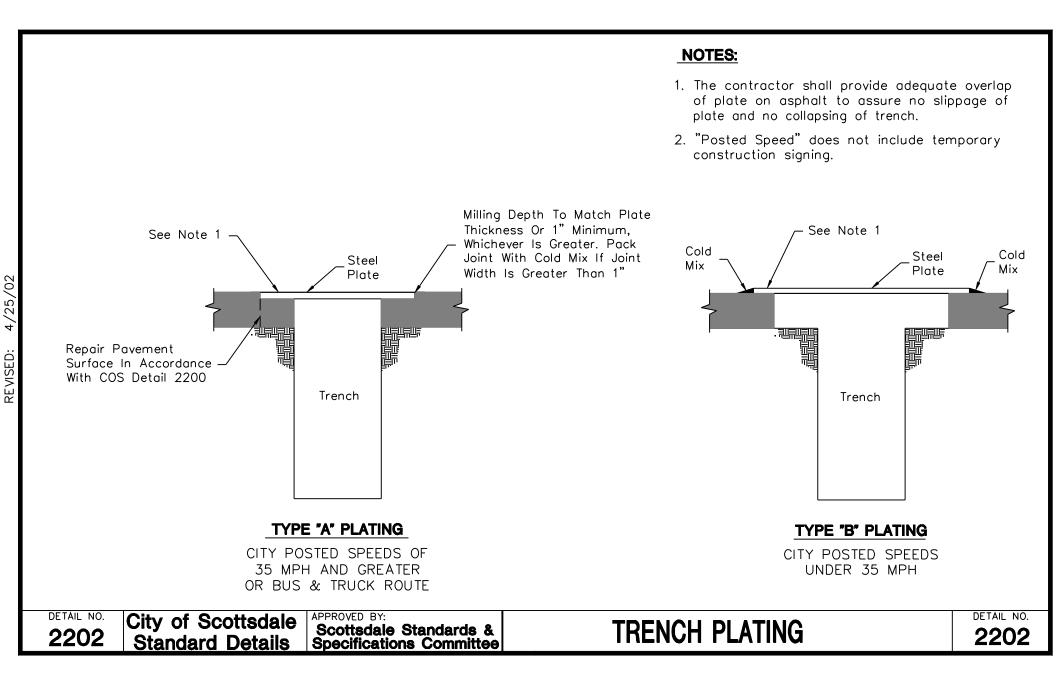
- 1. "T"-TOP REQUIRED FOR ALL TRENCHES. A.C. SURFACE COURSE REPLACEMENT TO BE MILLED DOUBLE "T" CONFIGURATION AS SPECIFIED BELOW FOR PAVEMENTS 4" AND THICKER.
- G. FOR PAVEMENT 4 YEARS AND OLDER: INITIAL A.C. REMOVAL TO BE THE MINIMUM WIDTH REQUIRED FOR PROPER TRENCH COMPACTION, SAWCUT & REMOVE 12" OF A.C. MINIMUM ON EACH SIDE OF THE TRENCH FOR THE "T"-TOP AFTER THE BACKFILL MATERIAL IS PLACED. PAVEMENTS 4" AND THICKER, MILL AND REMOVE THE TOP 2" OF THE SURFACE COURSE A MINIMUM OF 6" ON EACH SIDE OF THE T-TOP PRIOR TO PLACEMENT OF THE FINAL SURFACE COURSE LIFT.
- b. FOR NEW AND OVERLAYED PAVEMENT LESS THAN 4 YEARS OLD AND WHEN ALLOWED UNDER THE PROVISIONS OF SCOTTSDALE REVISED CODE SECTIONS 47-79 AND ALL PAVEMENTS WITH RUBBERIZED SURFACE COURSES: INITIAL A.C. REMOVAL TO BE THE MINIMUM WIDTH REQUIRED FOR PROPER TRENCH COMPACTION. SAWCUT & REMOVE 12" OF A.C. MINIMUM ON EACH SIDE OF THE TRENCH FOR THE "T"-TOP AFTER THE BACKFILL MATERIAL IS PLACED. PAVEMENTS 4" AND THICKER, MILL AND REMOVE THE TOP 2" OF THE SURFACE COURSE EQUALLY ON BOTH SIDES OF THE TRENCH TO A MINIMUM TOTAL WIDTH OF 10 FEET. FOR PAVEMENTS LESS THAN 4" THICK SAWCUT, REMOVE AND REPLACE THE ENTIRE PAVEMENT SURFACE TO A MINIMUM TOTAL WIDTH OF 10 FEET, AS DIRECTED BY THE ENGINEER.
- C. FOR DEEP PAVEMENT STRUCTURES REQUIRING TWO OR MORE PAVEMENT BASE LIFTS: INITIAL A.C. REMOVAL TO BE THE MINIMUM WIDTH REQUIRED FOR PROPER TRENCH COMPACTION. SAWCUT, REMOVE AND REPLACE A.C. ON BOTH SIDES OF THE TRENCH AS NECESSARY TO ACCOMODATE A RIDE ON TYPE VIBRATORY ROLLER COMPACTOR FOR PLACEMENT OF THE A.C. BASE COURSE LIFTS, MATCH EXISTING A.C. DEPTH, MILL AND REMOVE THE TOP 2" OF THE SURFACE COURSE EQUALLY ON BOTH SIDES OF THE TRENCH TO A MINIMUM TOTAL WIDTH OF 10 FEET.
- 2. ASPHALT CONCRETE SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF MAG SECTION 321.
- 3. IF PAVEMENT REMNANT IS LESS THAN 36", REMOVE AND REPLACE PAVEMENT AS PER THIS DETAIL.
- AGGREGATE BASE COURSE PER MAG SECTION 702 SHALL BE PROVIDED TO MATCH EXISTING ABC THICKNESS IN ADJACENT ROADWAY.
- 5. REFER TO COS SUPPLEMENTAL SPECIFICATIONS, SECTION 336.2.4 FOR PAVEMENT SMOOTHNESS REQUIREMENTS.

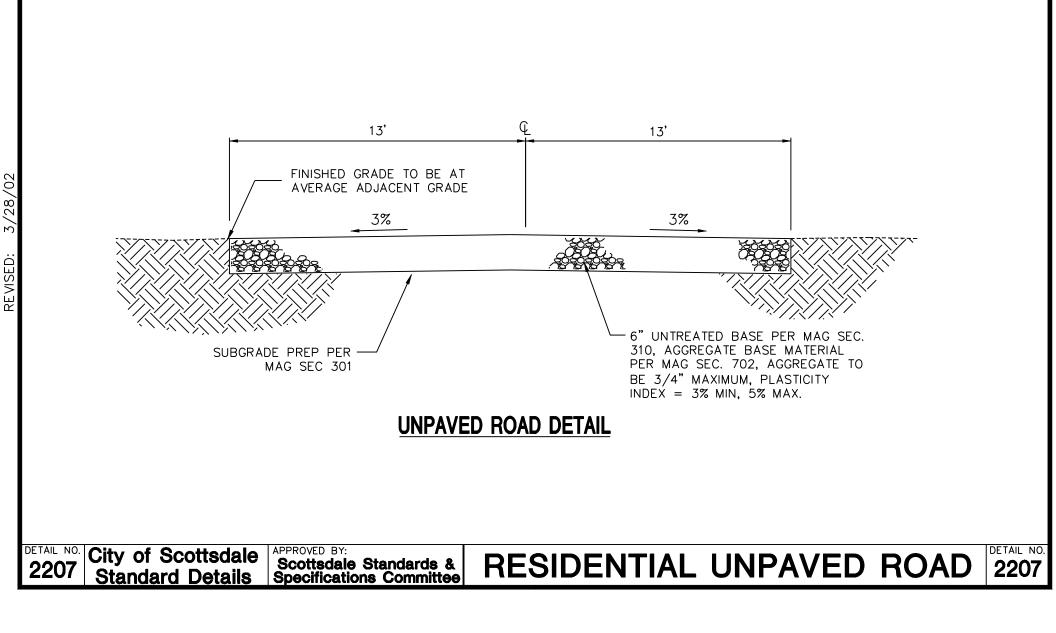


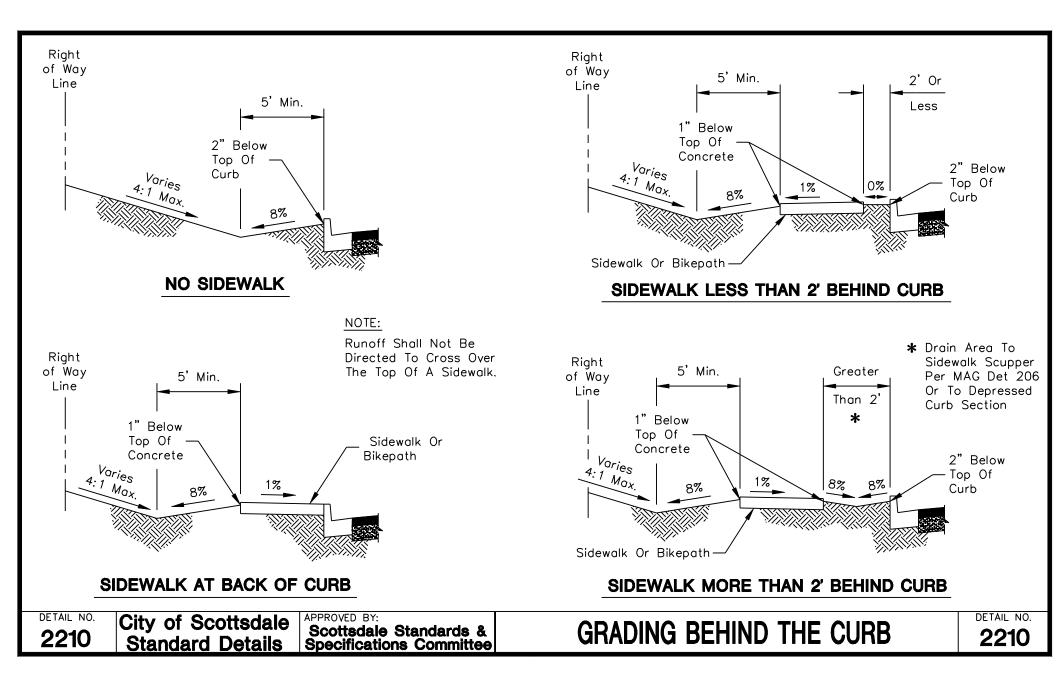


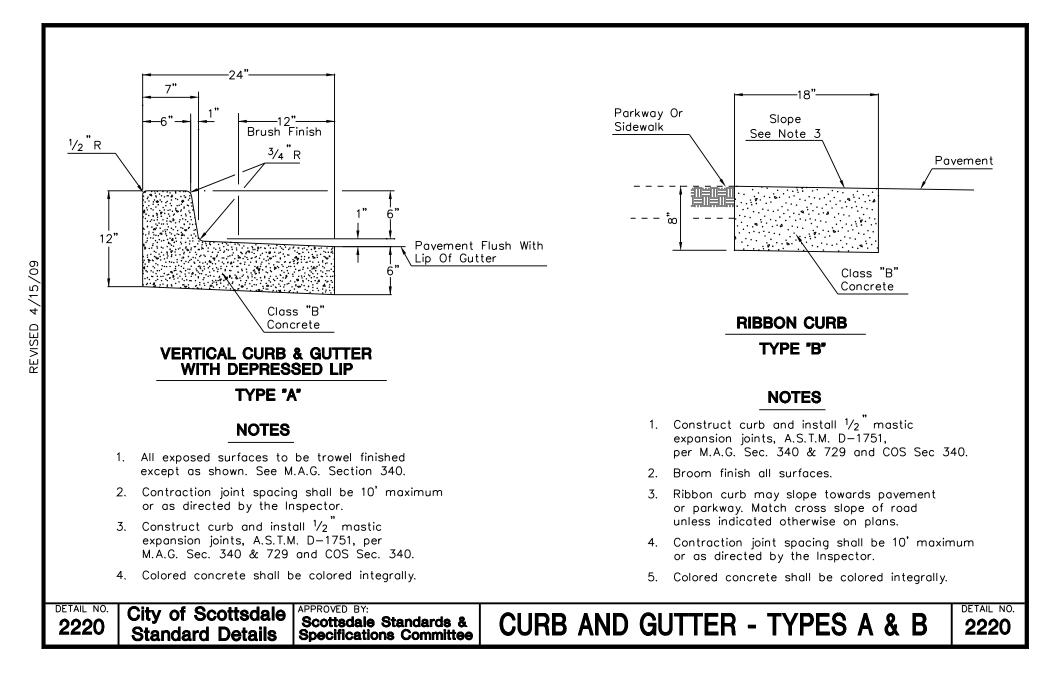


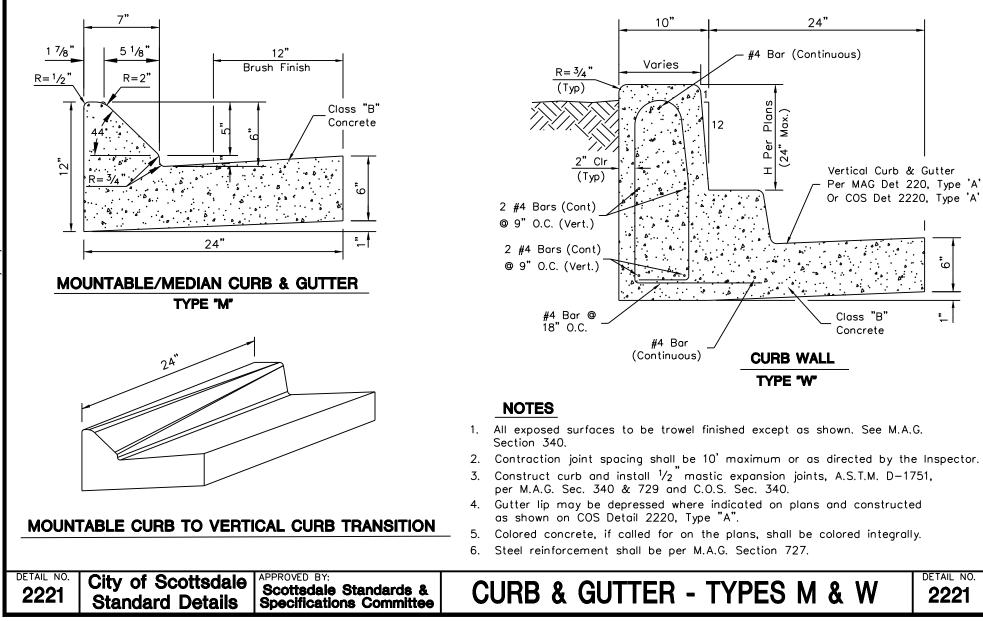
REVISED 4/15/09

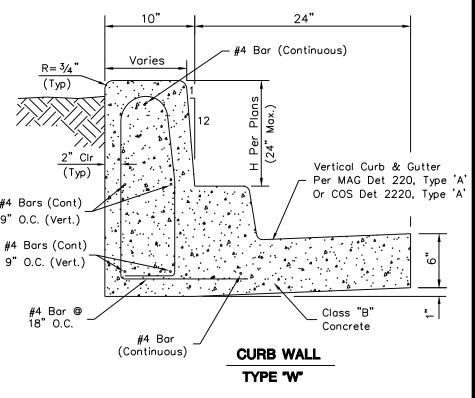








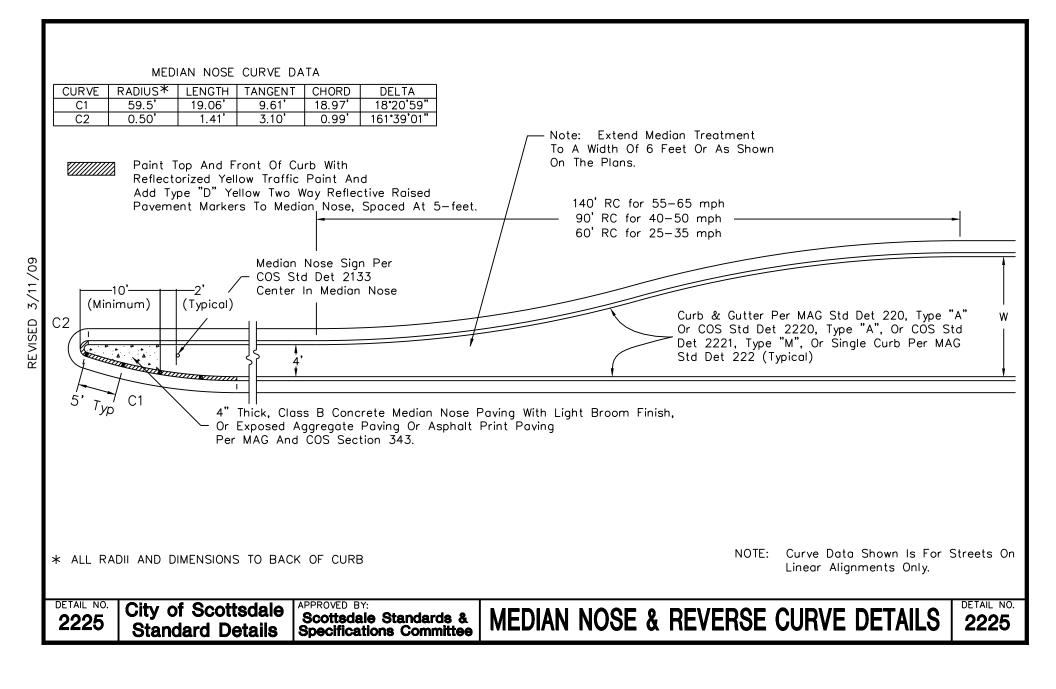


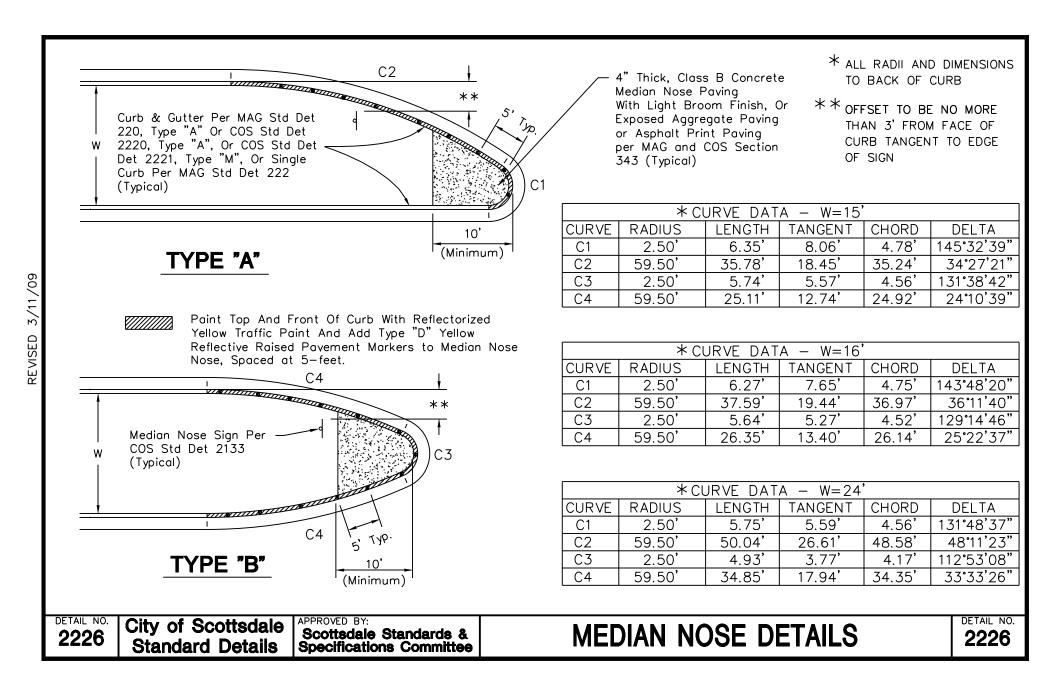


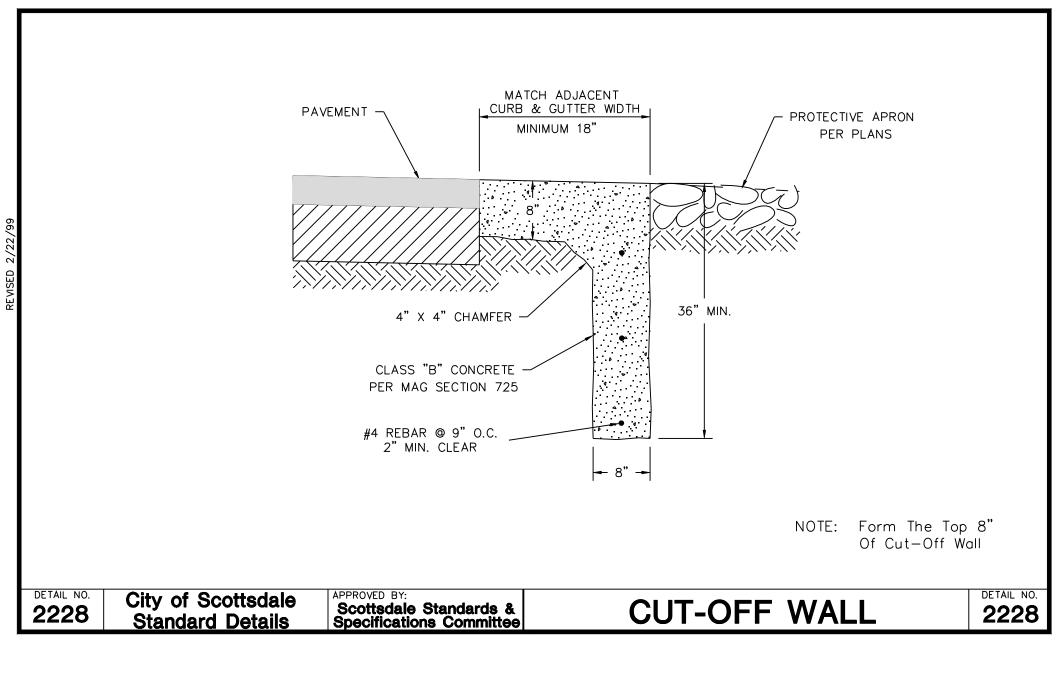
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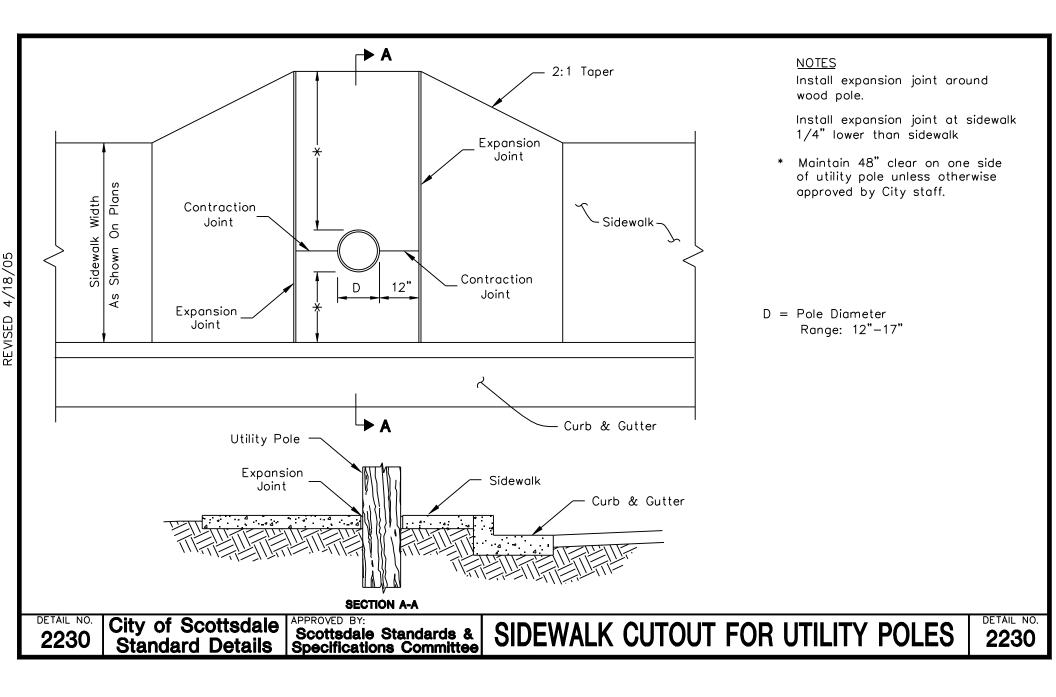
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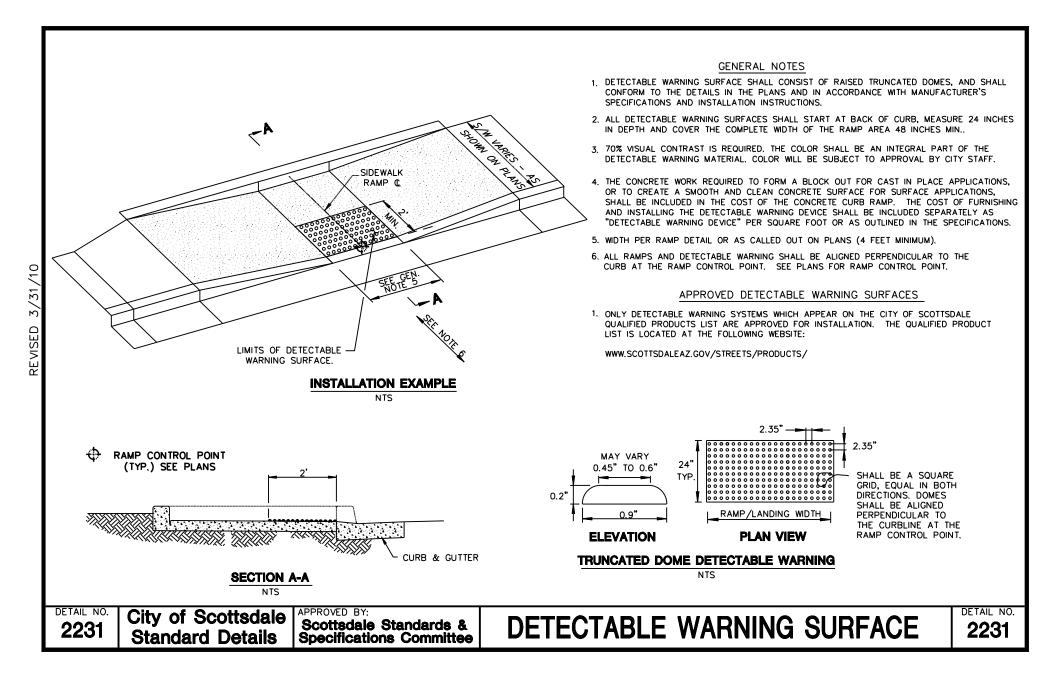
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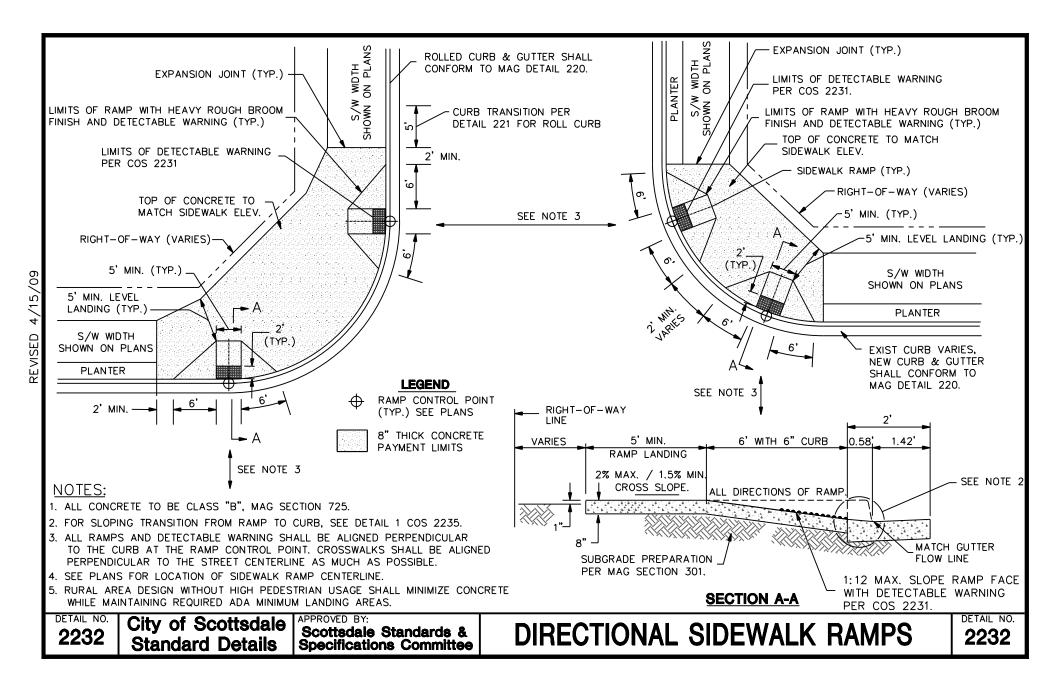


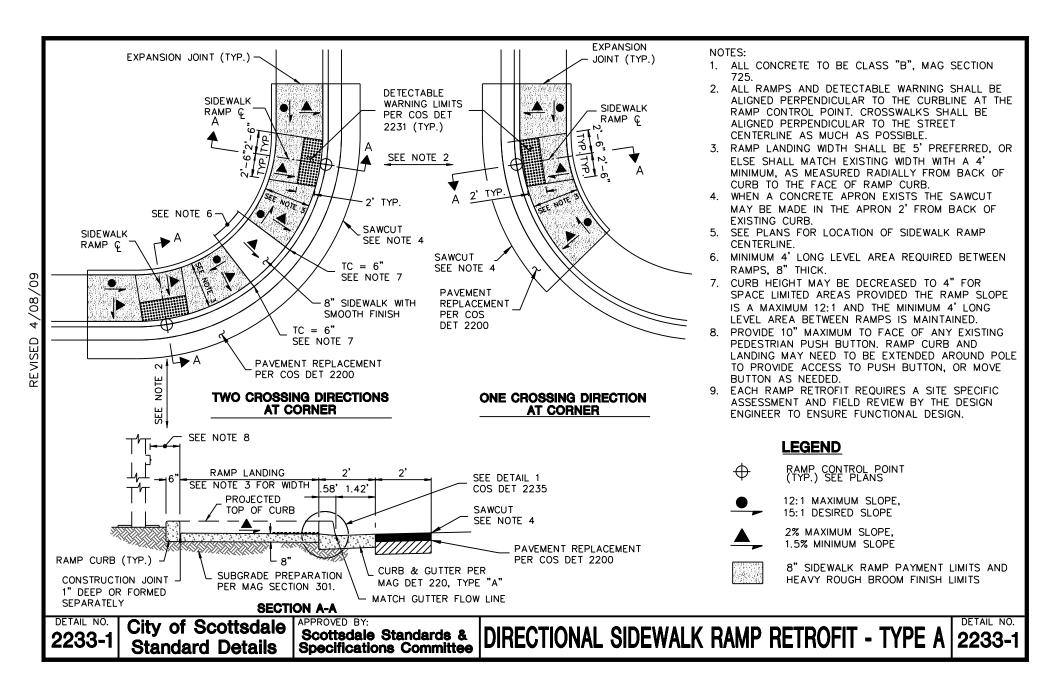


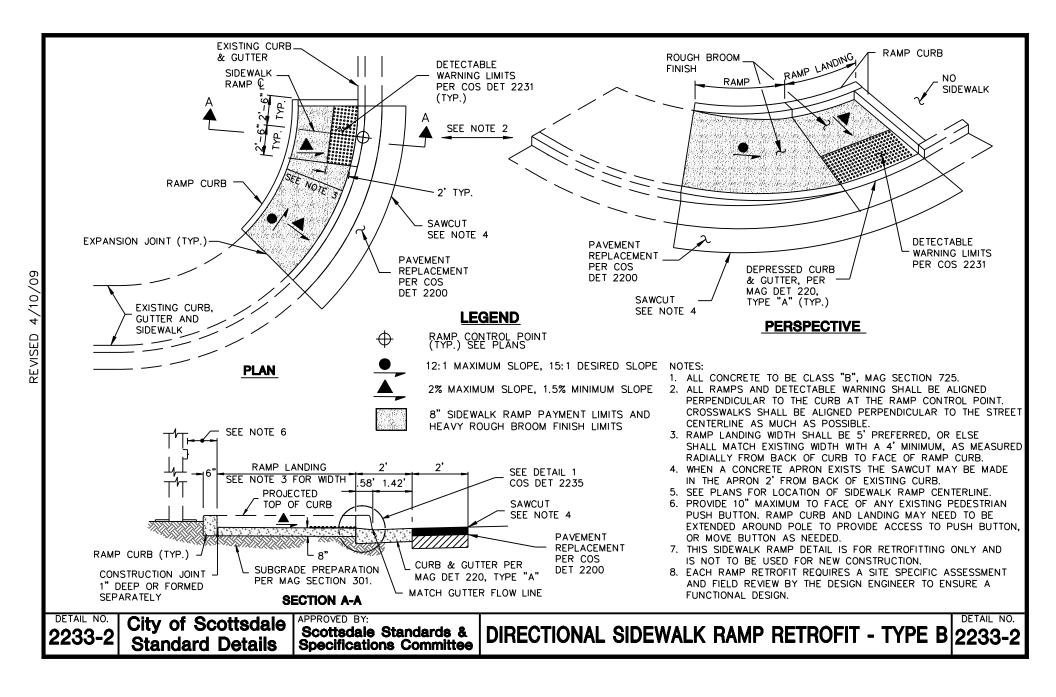


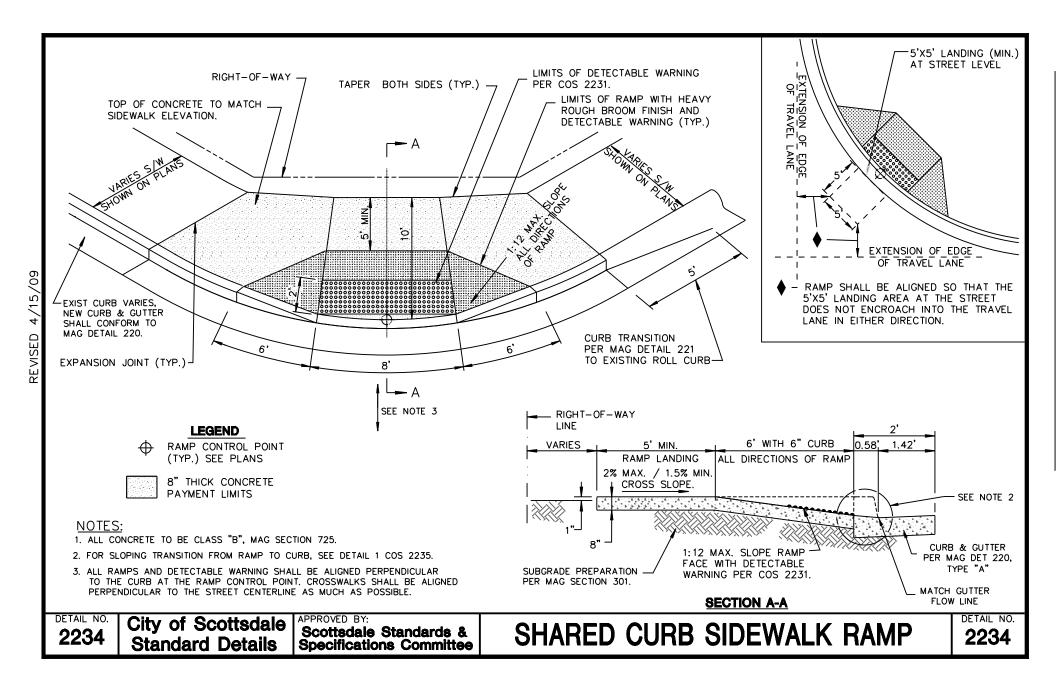


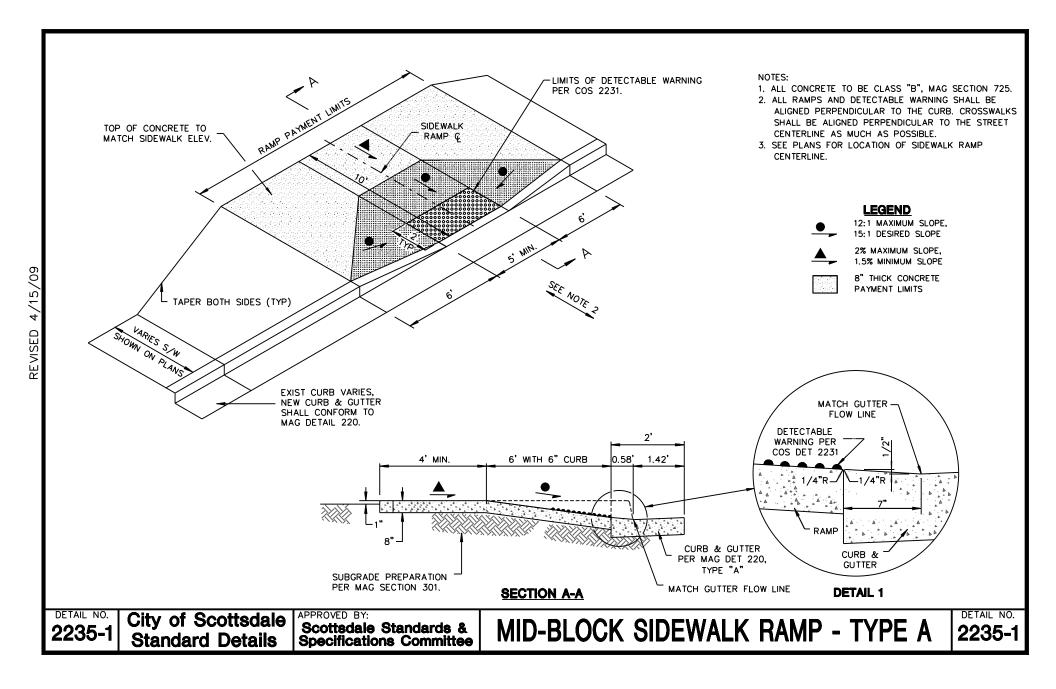


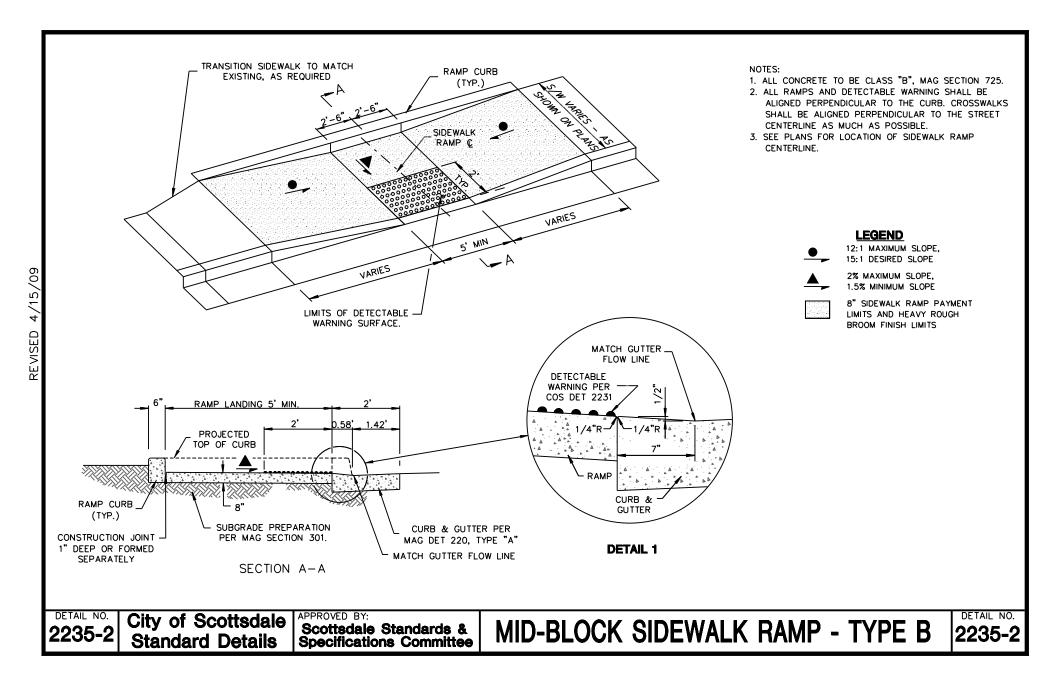


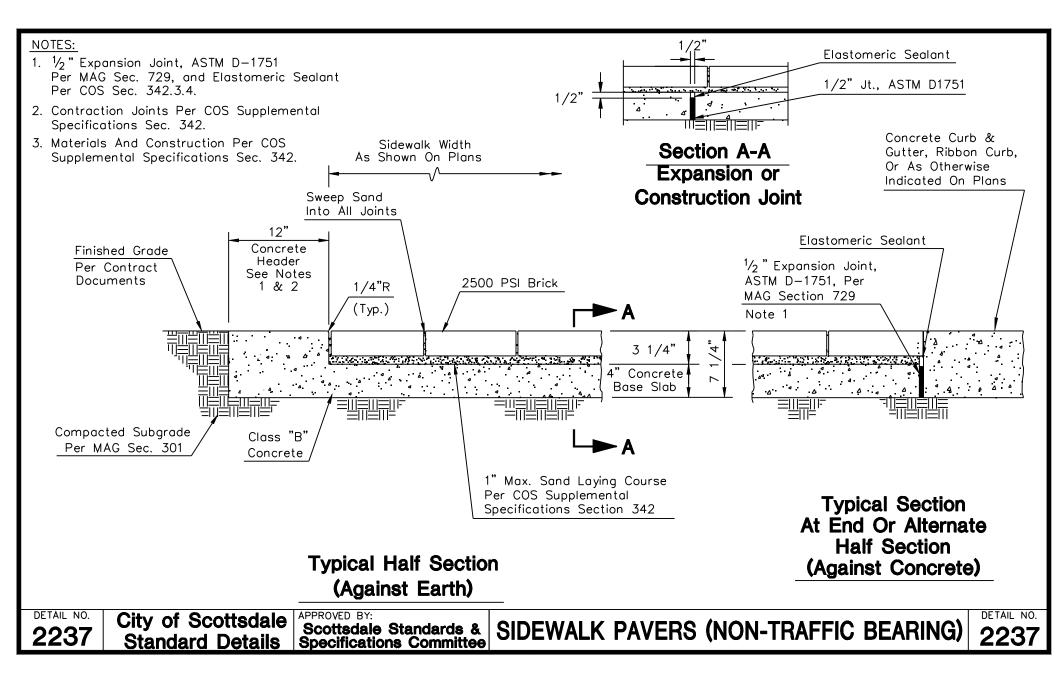


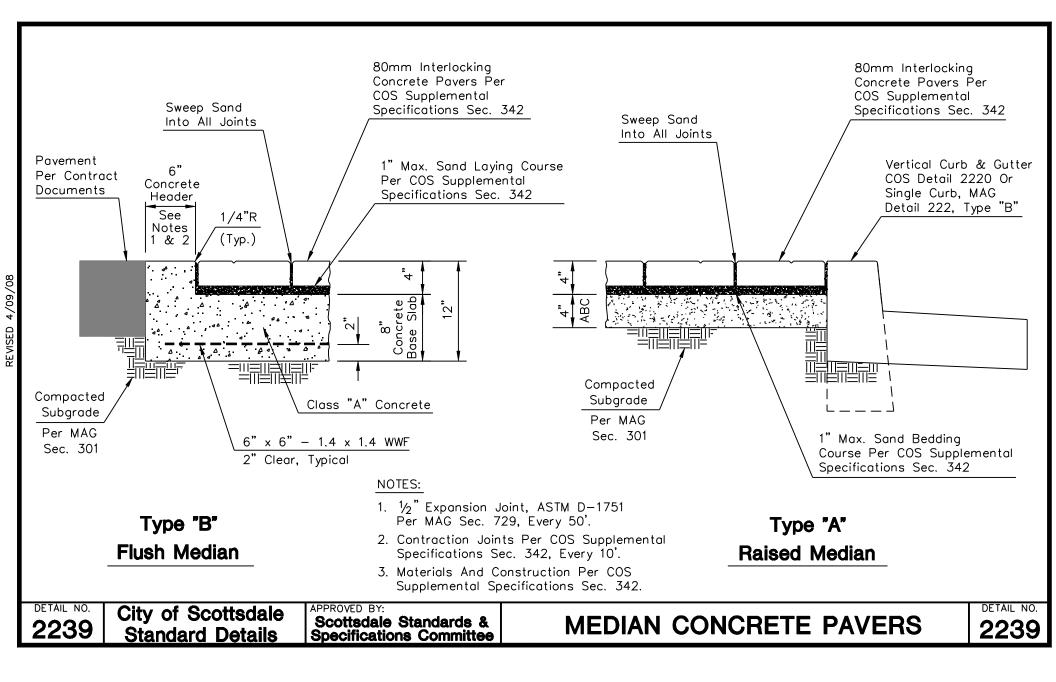


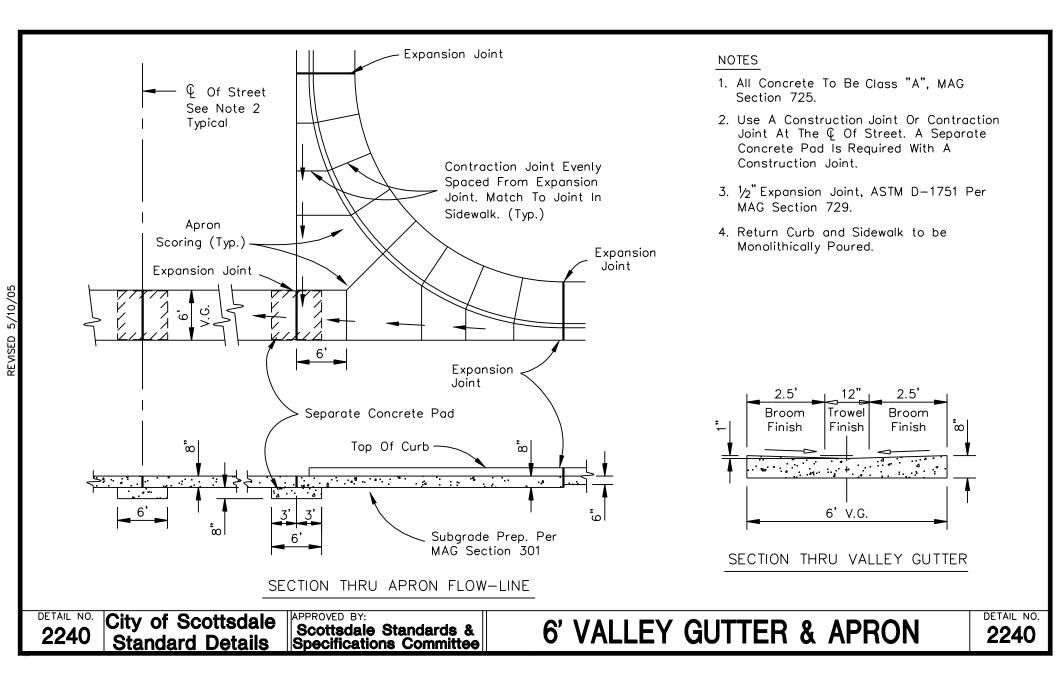


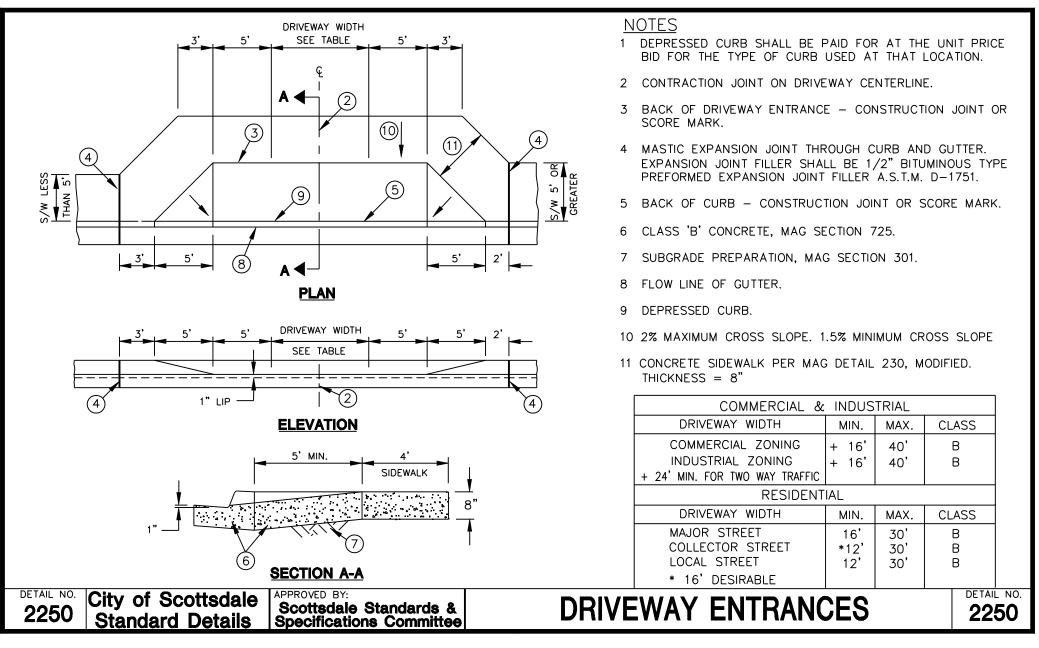


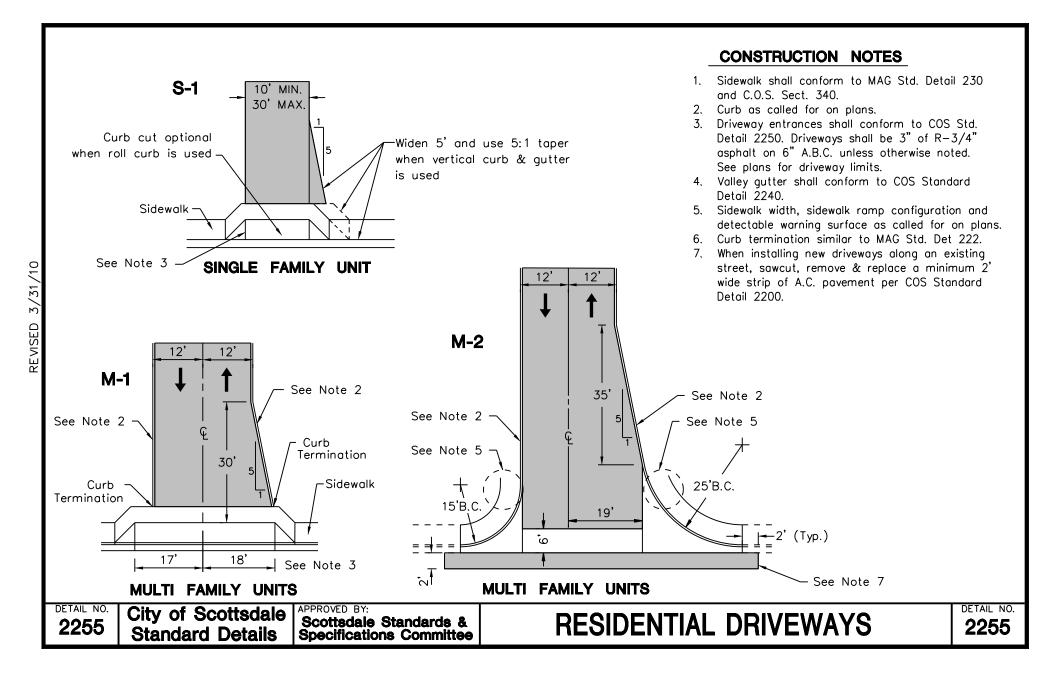


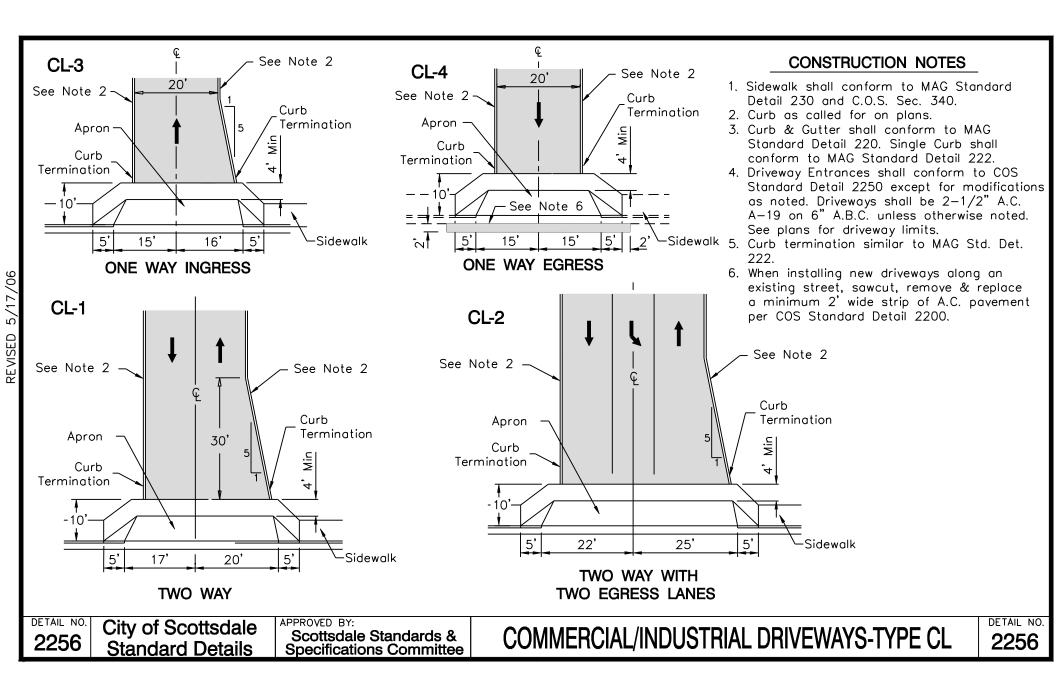


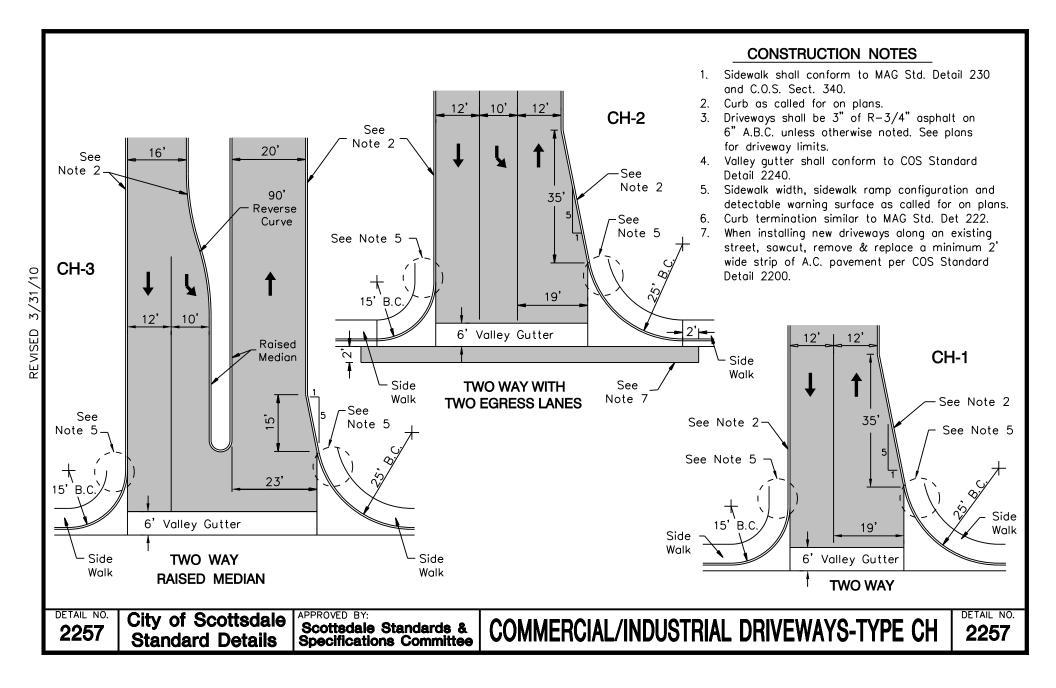


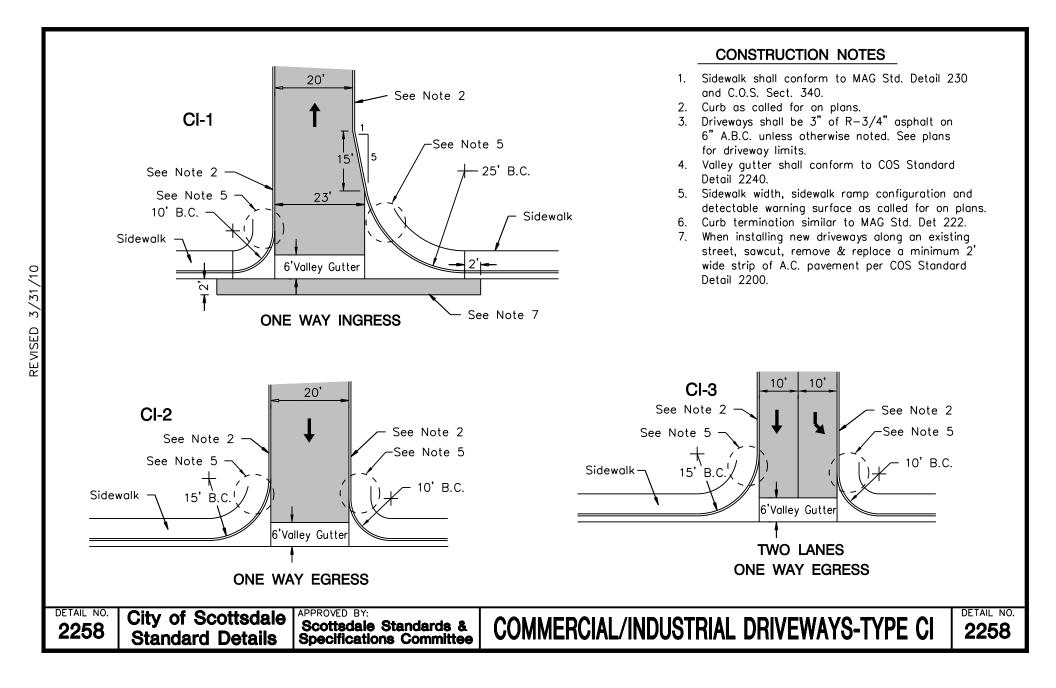


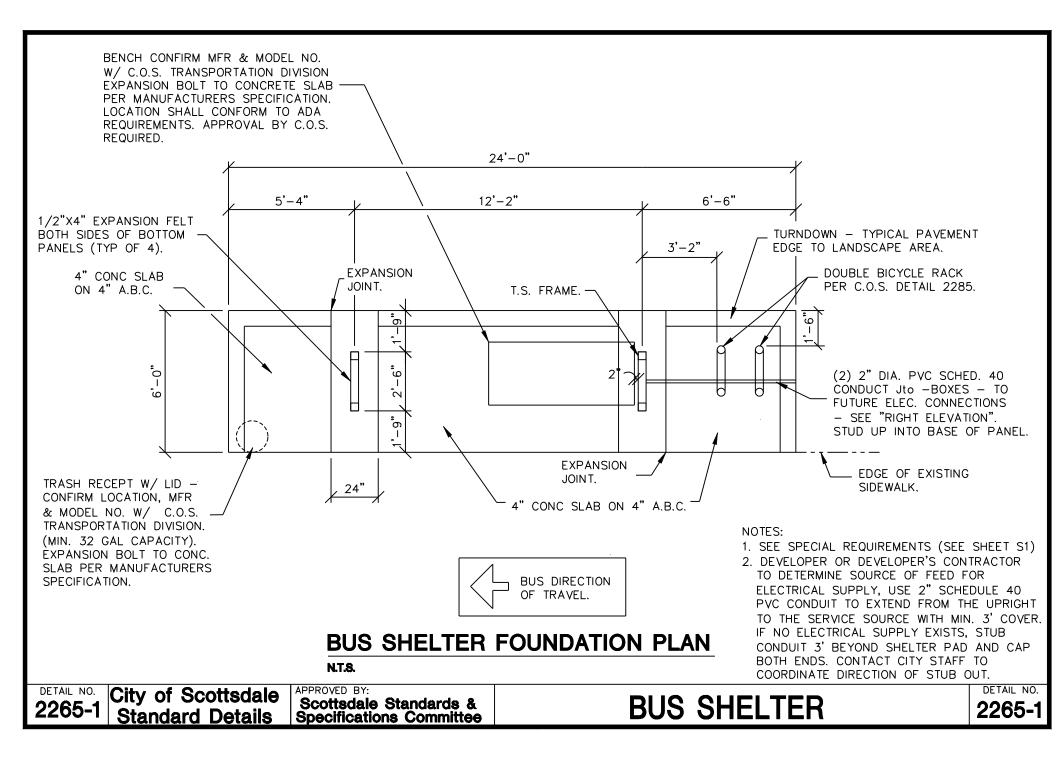


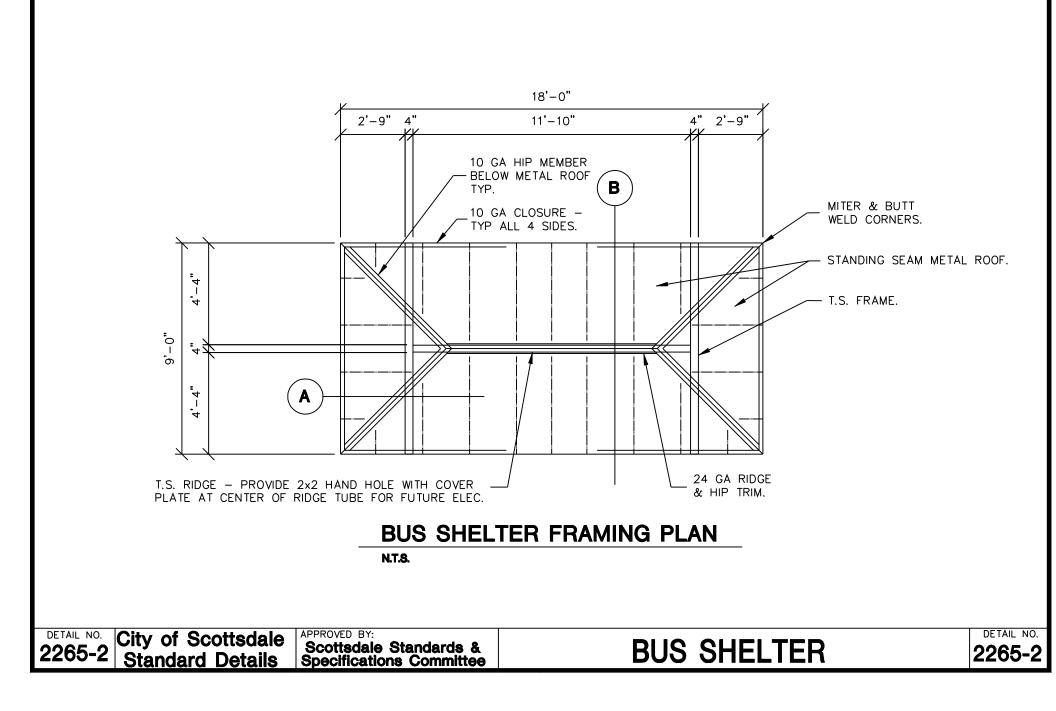


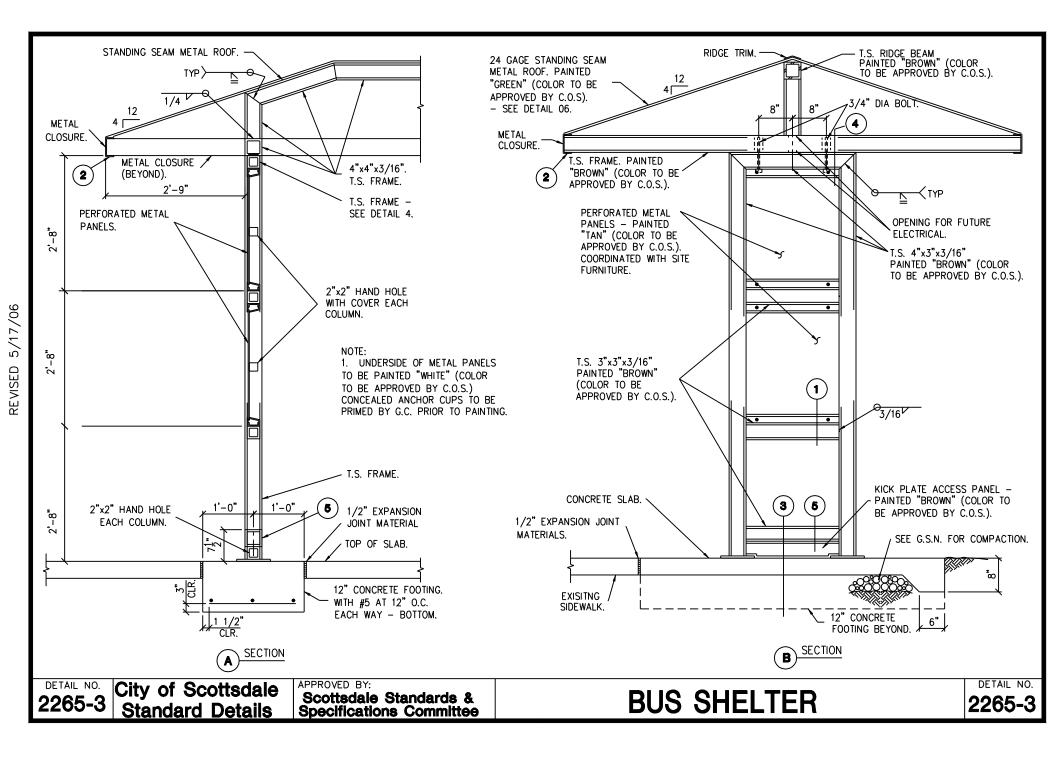


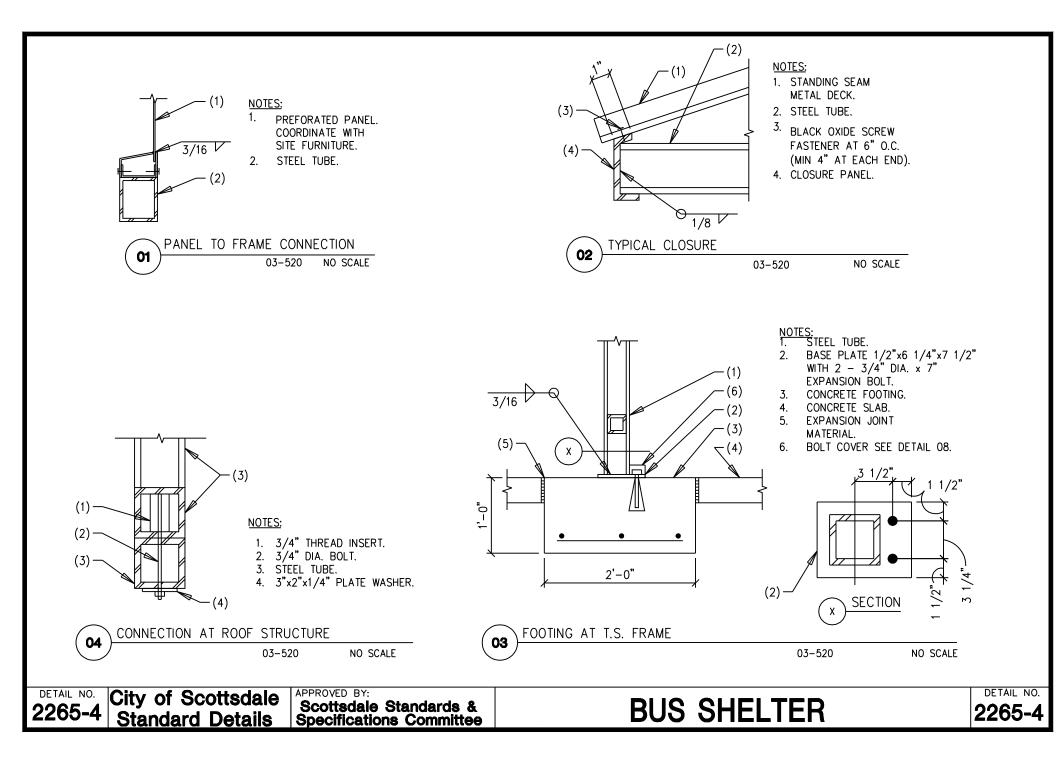


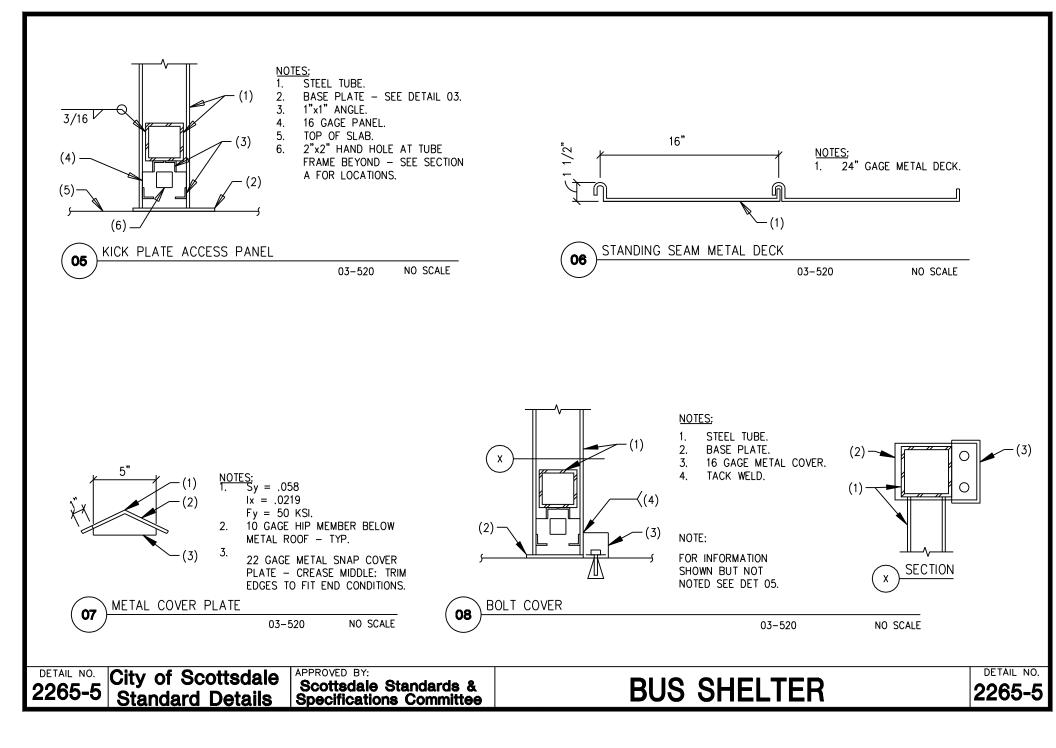






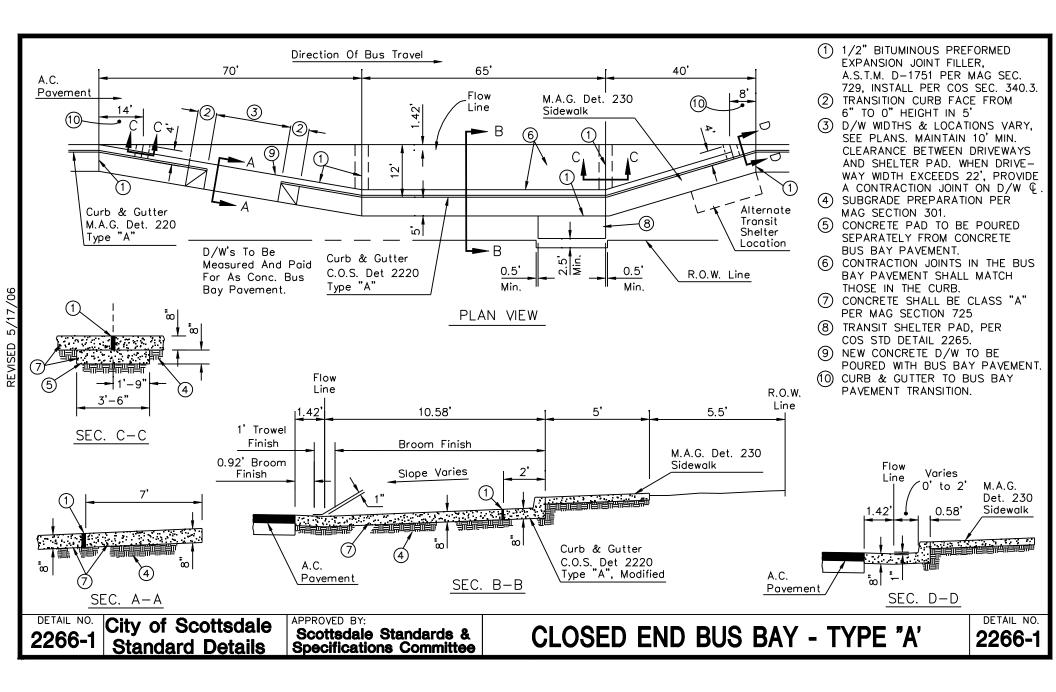


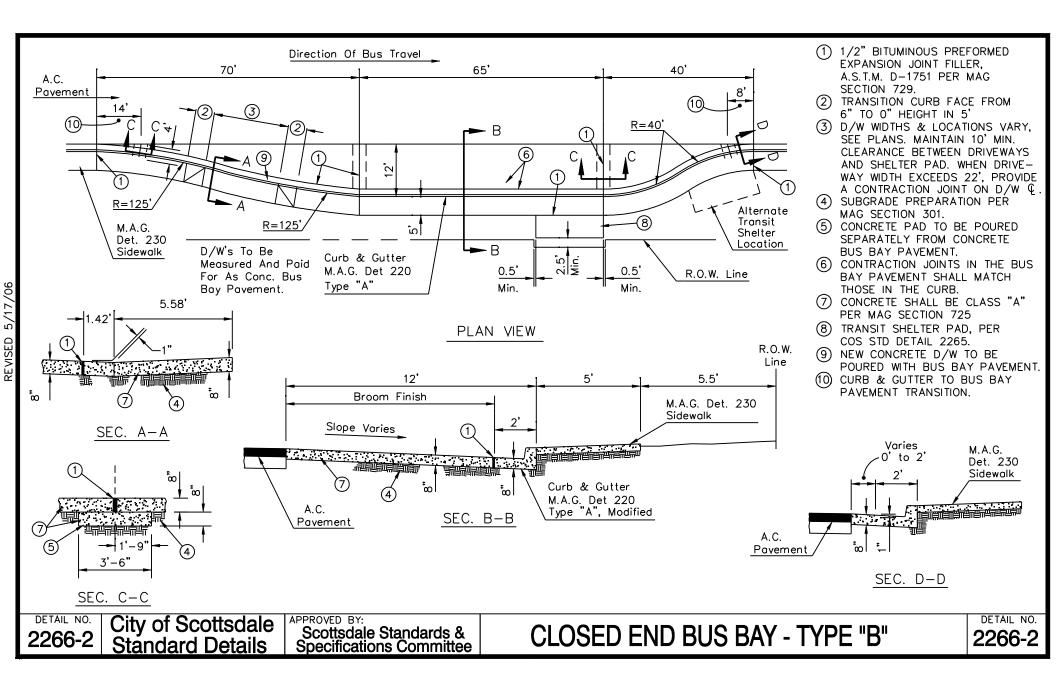


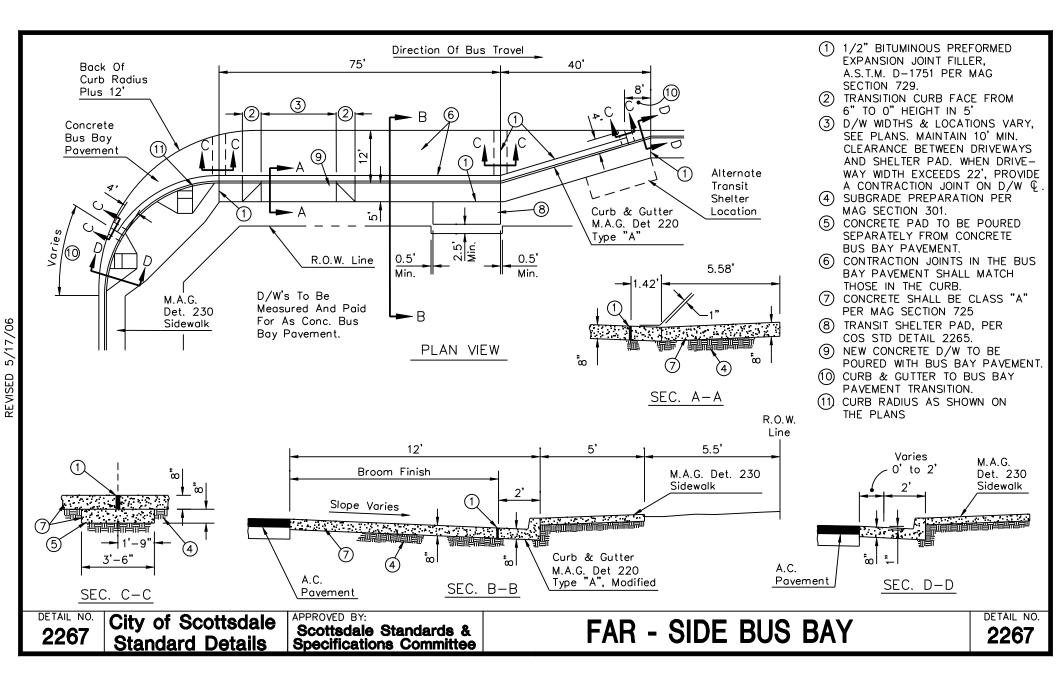


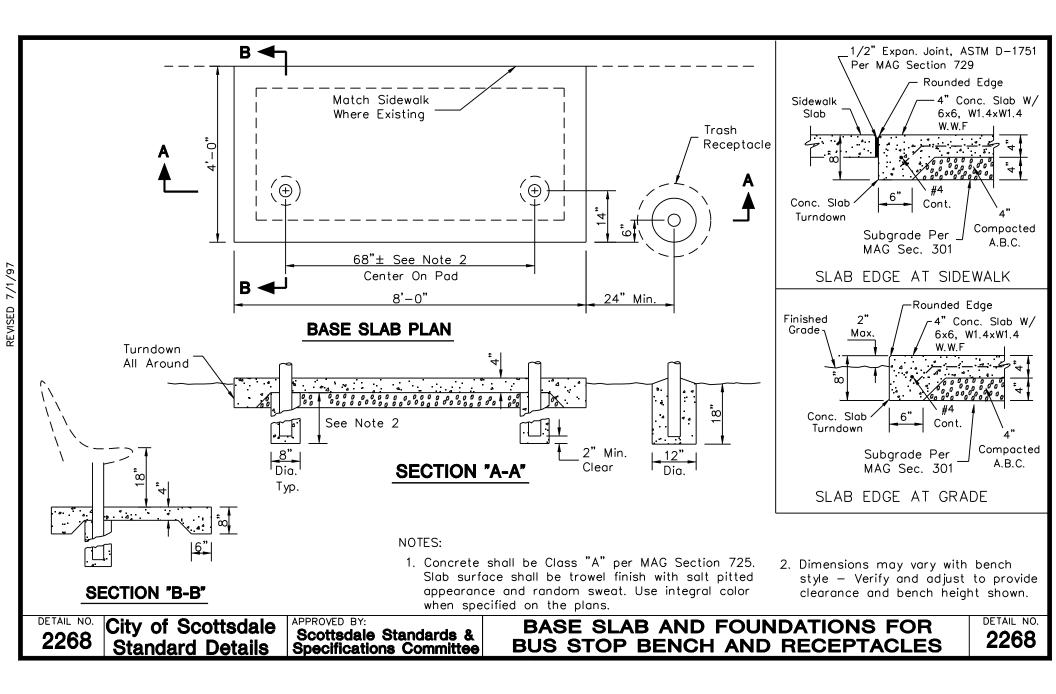
CENERAL STRUCTURAL NOTES Structural stell: CONTD 2002 BITION OF THE UNFORM BUILDING CODE, WITH UNBOADE STRUCTURAL STEEL: CONTD STRUCTURAL STEEL: CONTD 1002 DIS. 1003 DIS. 1004 DIS.
CITY OF SCOTTBOLE AMENDMENTS. LICANDS: LICANDS: LICANDS: LICANDS: LICANDS: LICANDS: COUNCECT: EVALUATION: COUNCECT: EVALUATION: EVALUATIO
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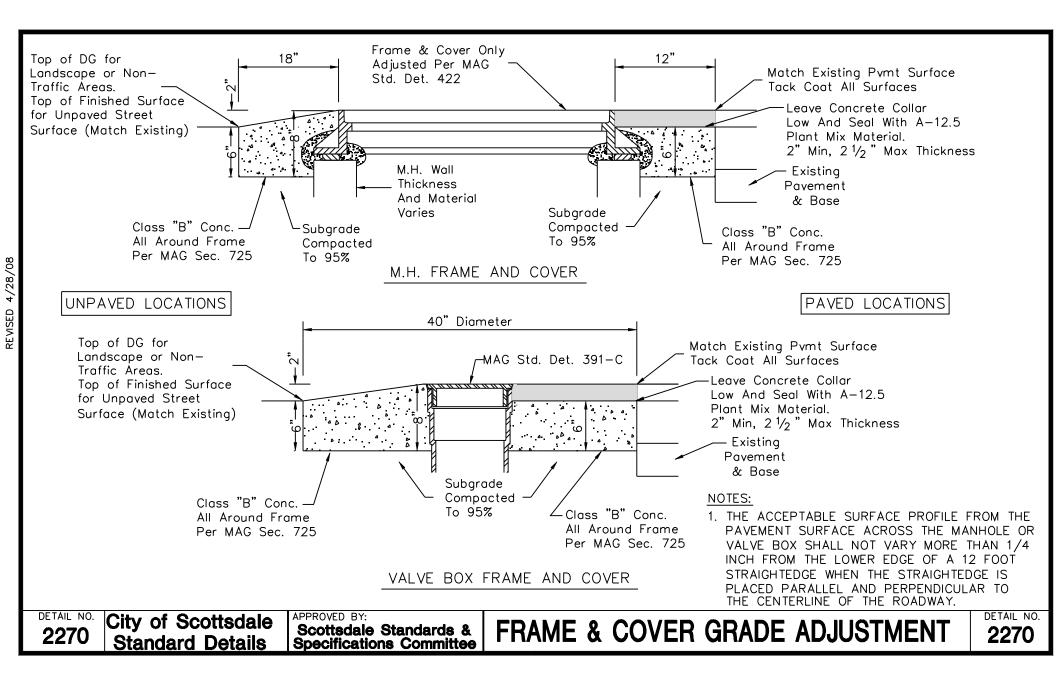
ABBREVIATIONS			NOTE: ABBREVIATIONS MAY OR MAY NOT HAVE PERIODS, BUT SHALL BE READ AS SAME.			
A.B		DN	NOTE: ABBREVIATIONS MAY OR M DOWN DRAWING(S) END TO CENTERLINE END TO END EDGE OF SLAB FQUAI	PCI	- PRECAST/PRESTRESSED CONCRETE	
A.B.C. ———	AGGREGATE BASE COURSE	DWG(S)	DRAWING(S)		INSTITUTE	
ACI		E.C.	END TO CENTERLINE	P.C. ———	- PRECAST CONCRETE	
A/C	AIR CONDITIONER	E.E. ———	END TO END	PLF	- PRECAST CONCRETE - POUNDS PER LINEAR FOOT	
A.F.F		E.O.S. ———	EDGE OF SLAB	+	- PLUS OR MINUS	
AISC		E.O.S. — EQ — EQUIP —	EQUAL	PREFAB	– PREFABRICATED – POUNDS PER SQUARE FOOT	
	CONSTRUCTION	EQUIP	EQUIPMENT	PSF	— POUNDS PER SQUARE FOOT	
AISI		EXP. BOLT (E.B.) —	EXPANSION BOLT	PSI	- POUNDS PER SQUARE INCH	
	INSTITUTE	$ E \land P, J (E, J,) \longrightarrow$	EXPANSION JUINI	PTI	- POST-TENSIONING INSTITUTE	
AITC		F W	έδομ ωδά			
	CONSTRUCTION	F.F F.O.M	FINISHED FLOOR	SDI	– STEEL DECK INSTITUTE – SHORT LEG HORIZONTAL	
ALT. ———	ALTERNATE	F.O.M	FACE OF MEMBER	SLH	- SHORT LEG HORIZONTAL	
ANSI		F.O.S. —	FACE OF STEEL	SLV	- SHORT LEG VERTICAL	
	INSTITUTE		FACE OF WALL		- STEFL JOIST INSTITUTE	
APA		GA	GAGE (UNIT OF MEASUREMENT)	SIM	— STEEL JOIST INSTITUTE — SIMILAR	
ARCH'I		GALV	GAL VANIZED		- SOUARE	
ASTM		G.S.N	GALVANIZED GENERAL STRUCTURAL NOTES		– SQUARE – STEEL STUD MANUFACTURERS	
	AND MATERIALS		GLUED-LAMINATED BEAM	33007	ASSOCIATION	
ΔWS			HORIZONTAL REINFORCING			
@	— AT (MEASUREMENT)		HORIZONTAL REINFORCING INTERNATIONAL BUILDING CODE	STD		
е вм ———			INTERNATIONAL CONFERENCE OF			
				TL T.O.B		
BLK		I I F W	INSIDE FACE OF WALL INTERPRETATION OF DRAWINGS		- TOP OF CONCRETE TOPPING	
			INTERPRETATION OF DRAWINGS		- TOP OF CONCRETE TOFFING	
B.O.B.	BOTTOM OF BEAM 	K(KIP) —			– TOP OF DECK – TOP OF FOOTING	
				1.0.F.		
			KIPS PER LINEAR FOOT POUNDS	T.U.L.	- TOP OF LEDGER - TOP OF MASONRY	
C		LGS (#)		T.O.P.		
				1.0.P	TOP OF PLATE	
C.C.			LIGHT GAGE STEEL ENGINEERS ASSOCIATION	1.0.P.C	— TOP OF PRECAST CONCRETE — TOP OF STEEL	
C.G.				1.0.S	TOP OF STEEL	
C.I.P		L.U.D.	LOCATION OF DETAILS LIVE LOAD	1.0.w.	– TOP OF WALL – TRUSS PLATE INSTITUTE	
C.L.					- IRUSS PLATE INSTITUTE	
			LONG LEG HORIZONTAL	TYP		
C.L.C. ———			LONG LEG VERTICAL MASONRY		- TONGUE AND GROOVE - UNIFORM BUILDING CODE	
C.L.F	CENTERLINE OF FOOTING	MAS	MASUNRY	0BC	- UNIFORM BUILDING CODE	
C.L.W. ———		MAS C.J.	MASONRY CONTROL JOINT MAXIMUM	U.N.O.	- UNLESS NOTED OTHERWISE	
				VERI	- VERTICAL REINFORCING	
CONC	CONCRETE		METAL BUILDING MANUFACTURERS	WCLA	- WEST COAST LUMBER ASSOCIATION	
CONC C.J. —			ASSOCIATION	WCLIB	- WEST COAST LUMBER INSPECTION	
CONC S.J.		MECH'L	MECHANICAL		BUREAU	
C.M.U. ———	CONCRETE MASONRY UNIT	MFR('S) MIN N/A	MANUFACTURER('S)	W.W.F.	- WELDED WIRE FABRIC - WESTERN WOOD PRODUCTS	
CONN	CONNECTION	MIN	MINIMUM	WWPA		
CONT		N/A	NOT APPLICABLE		ASSOCIATION	
C.O.S. ———		N.T.S. ———	NOT TO SCALE ON CENTER	W/	— WITH	
CRSI		0.C	ON CENTER	W/C	- WITH - WATER TO CEMENT RATIO	
	INSTITUTE		OUTSIDE FACE OF WALL		- WITHOUT	
DL	DEAD LOAD		OPPOSITE			
ø or dia	—— DIAMETER	OSHA	OCCUPATIONAL SAFETY AND			
			HEALTH ADMINISTRATION		· • • • • • • • • • • • • • • • • • • •	
DETAIL NO.	ity of Scottsdale				DETAIL NO	
		ale Standards &		SHELTER	2265-7	
	Standard Details Specifica	tions Committee				

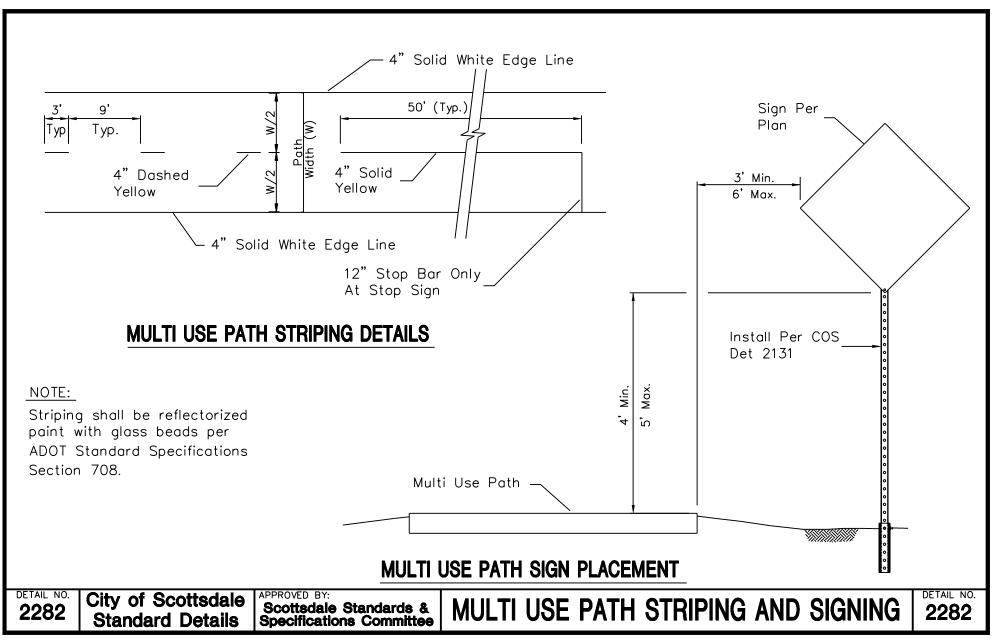


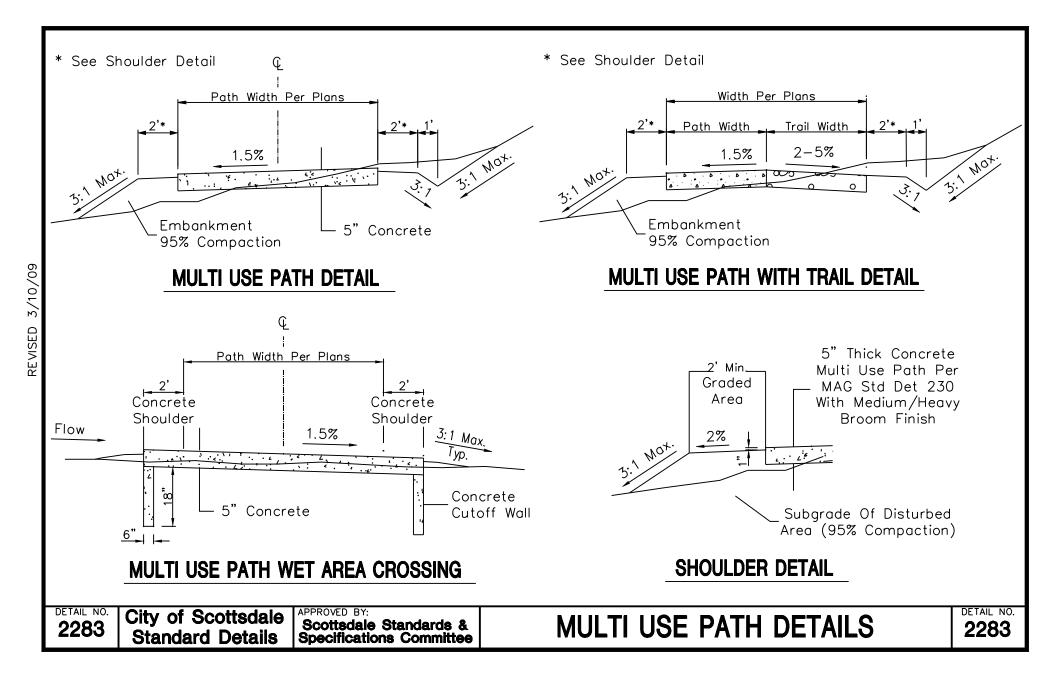


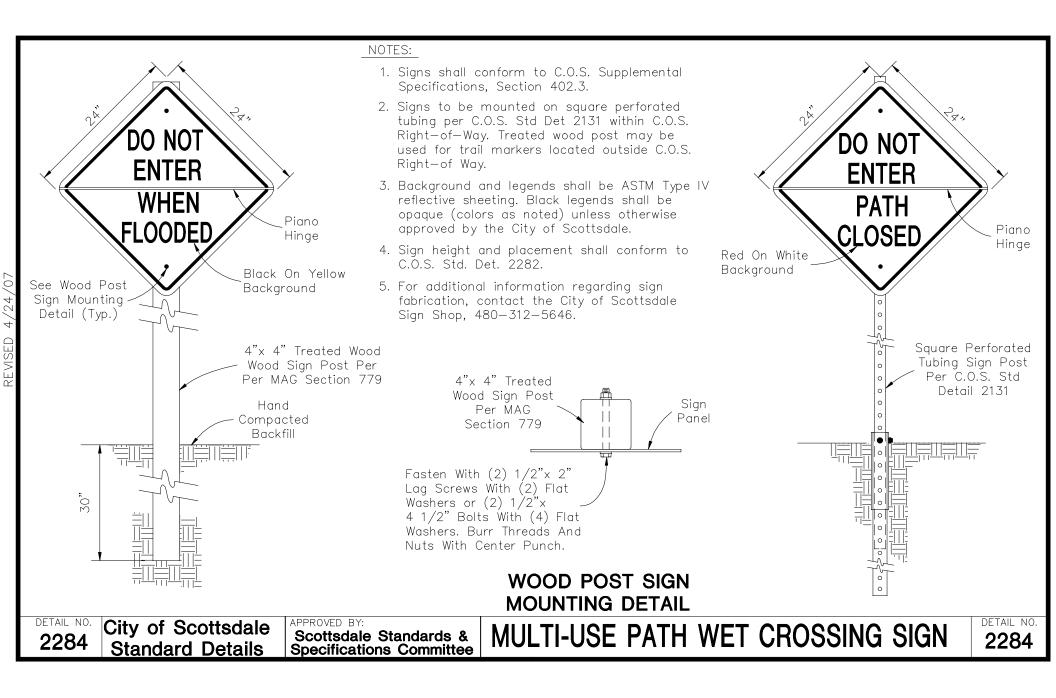


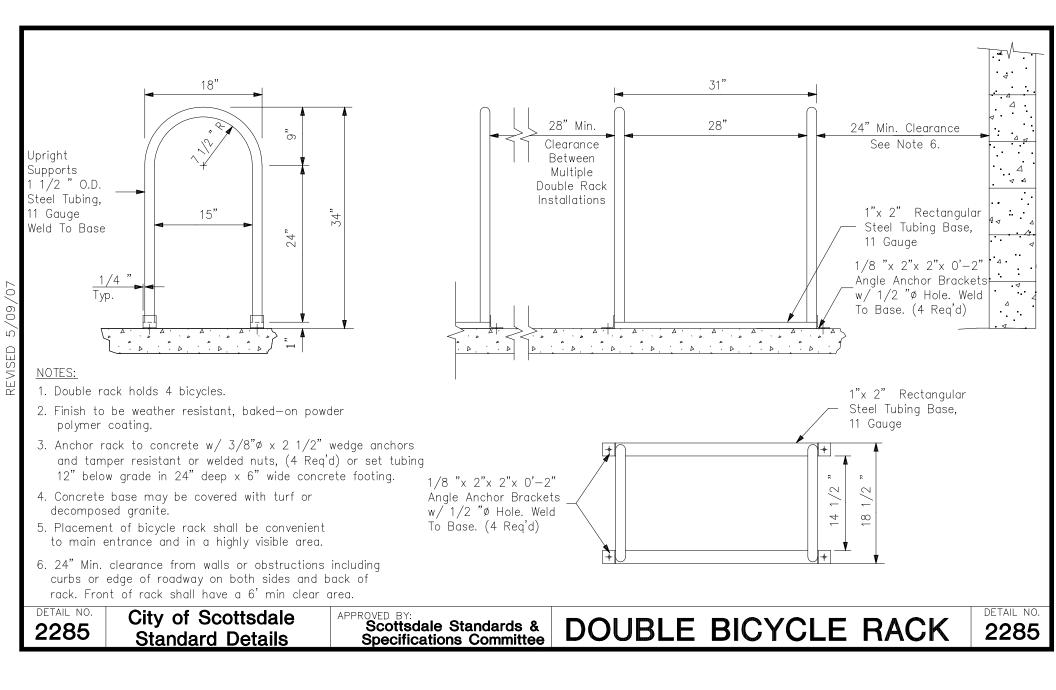


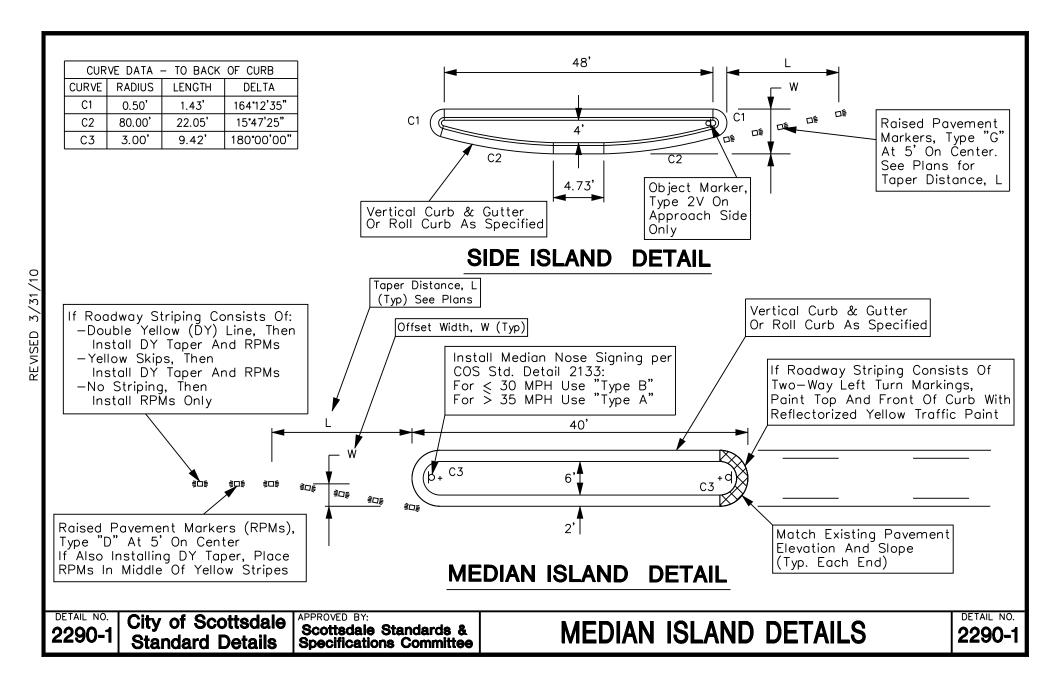


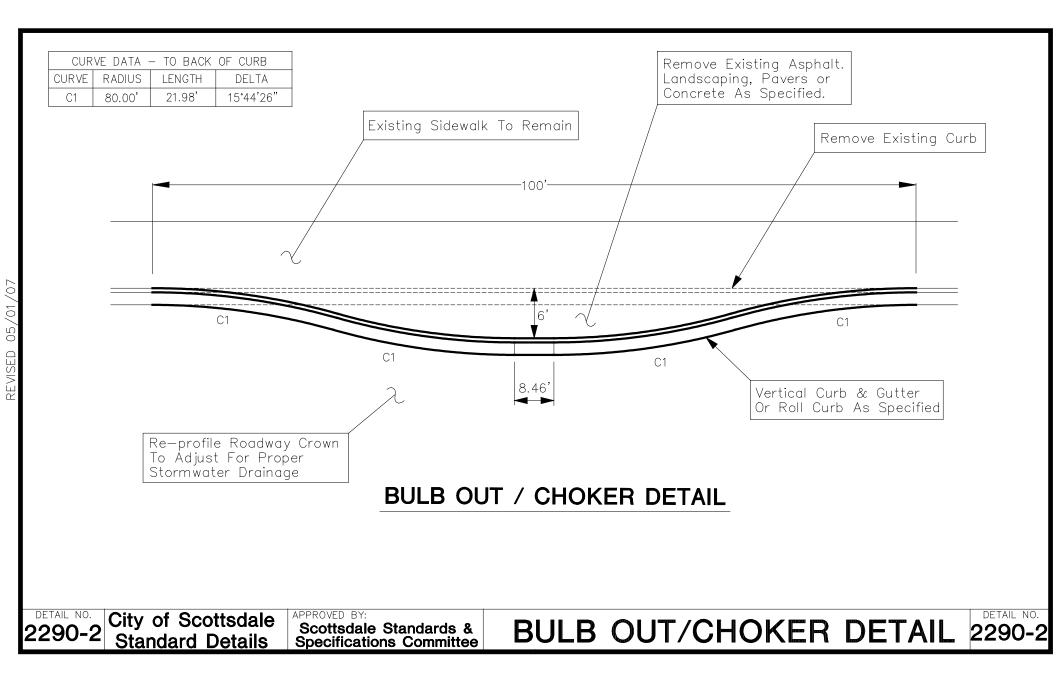


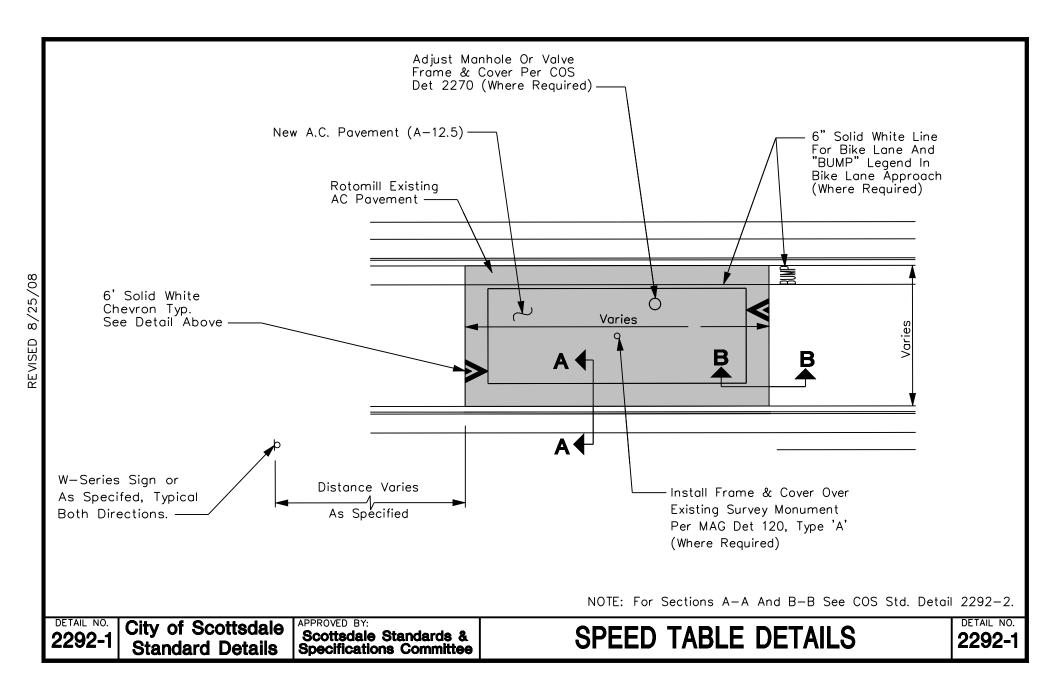


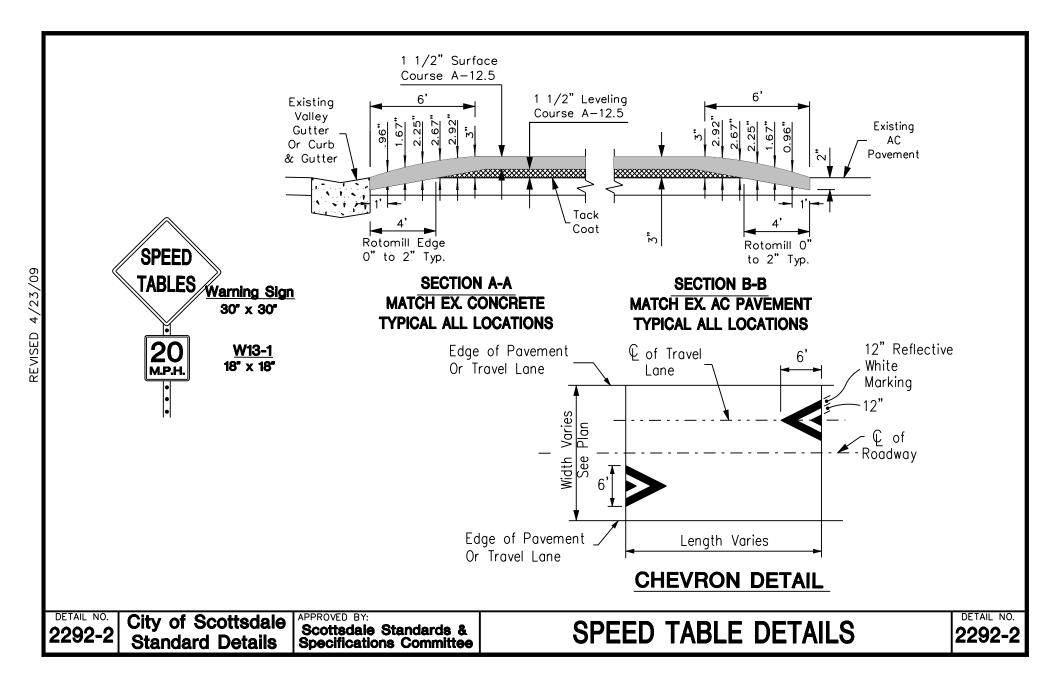


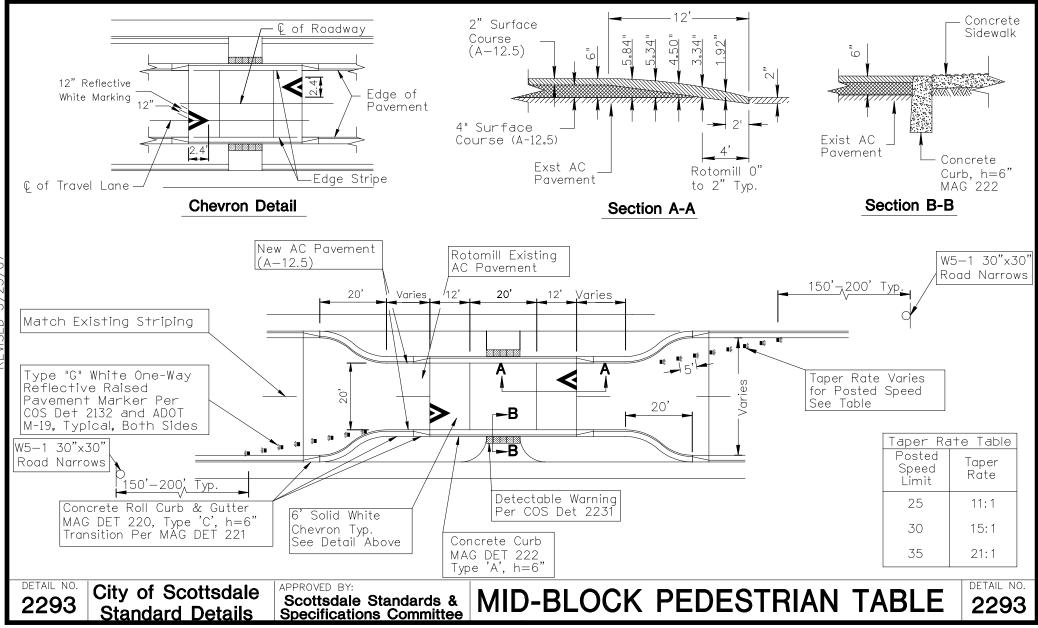


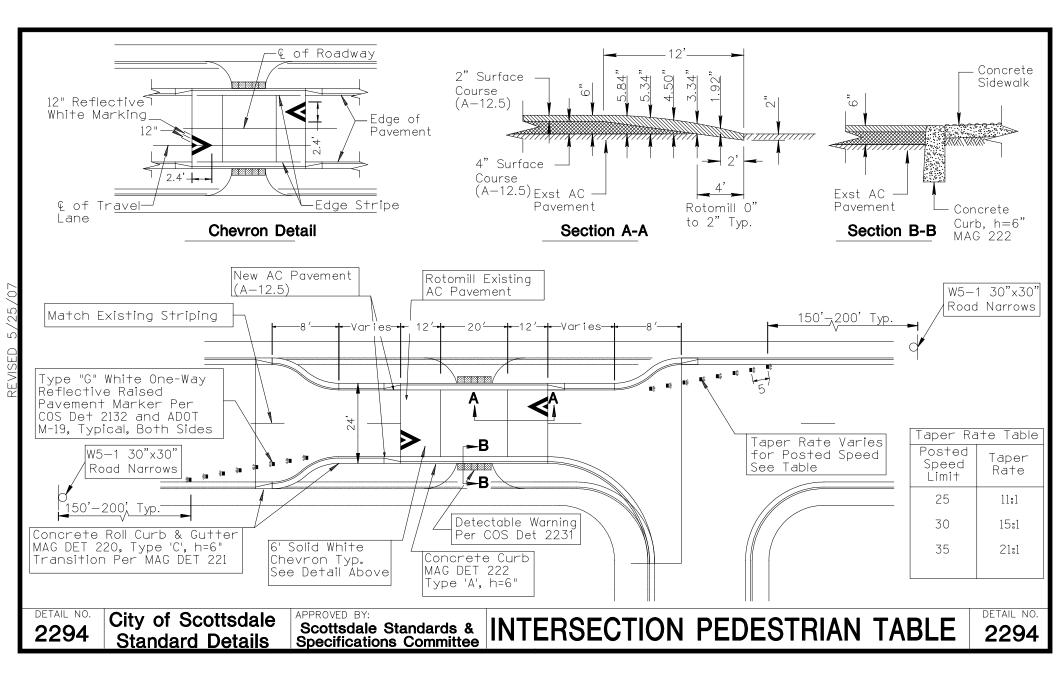


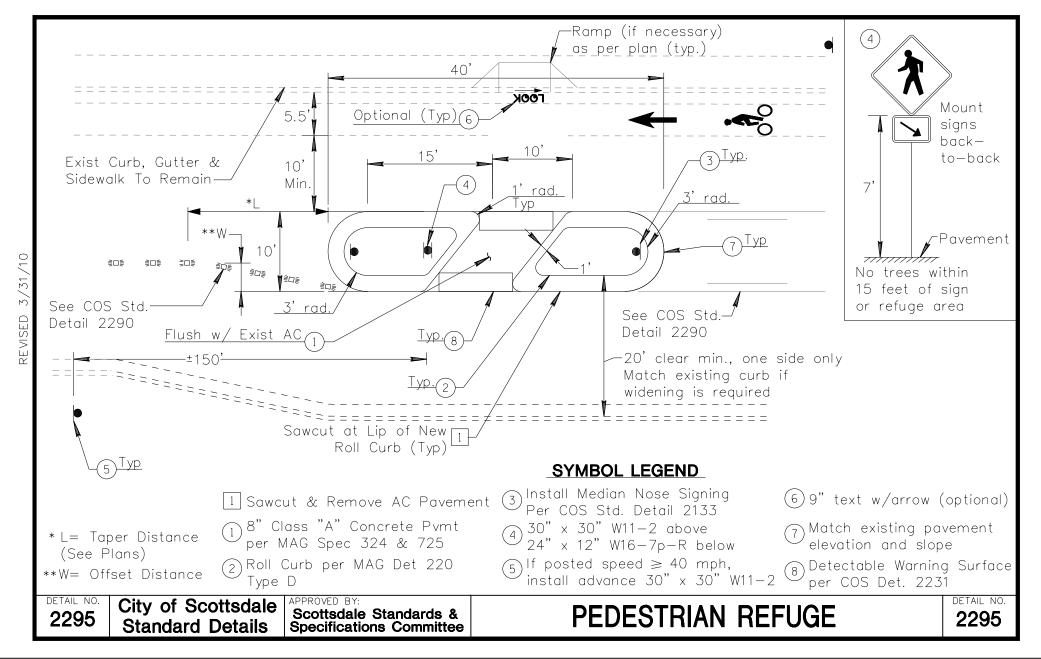


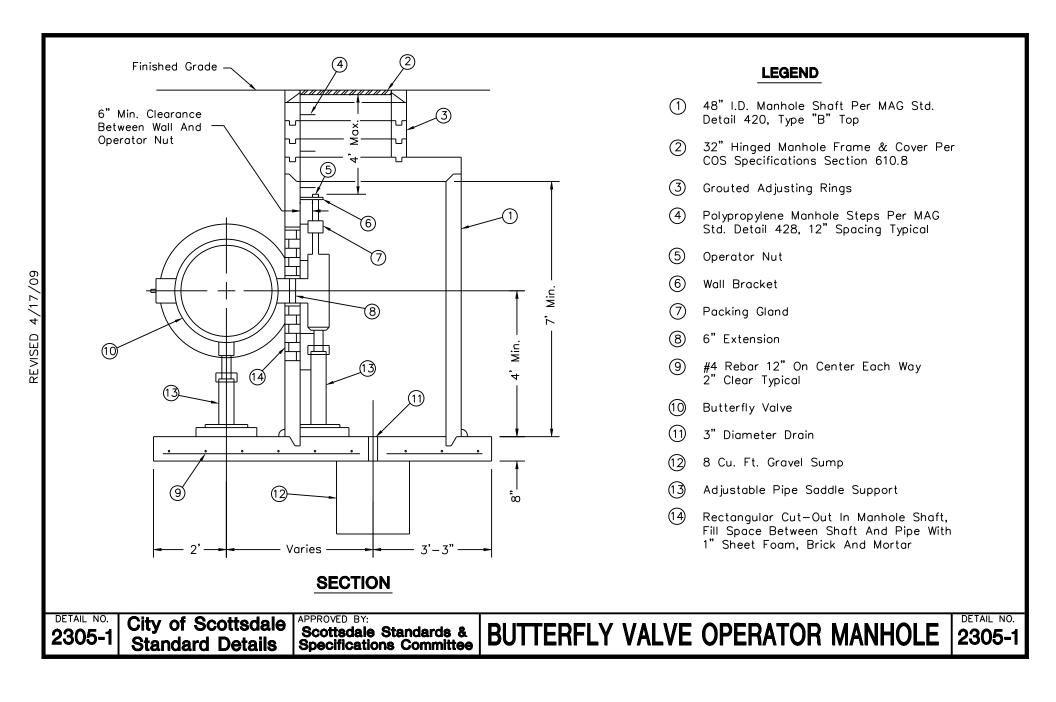


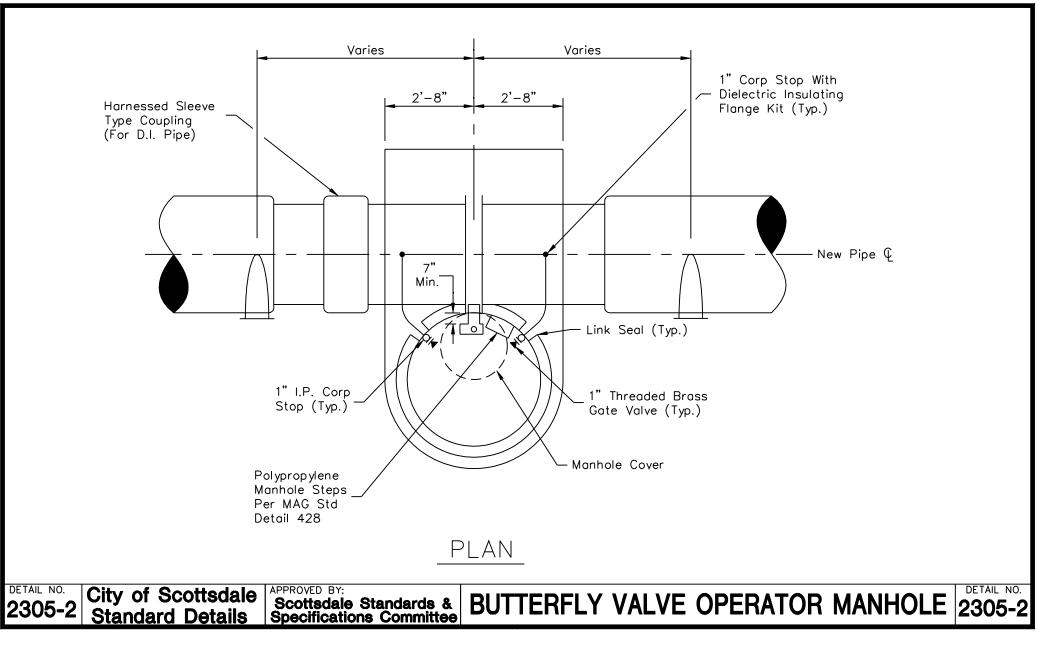


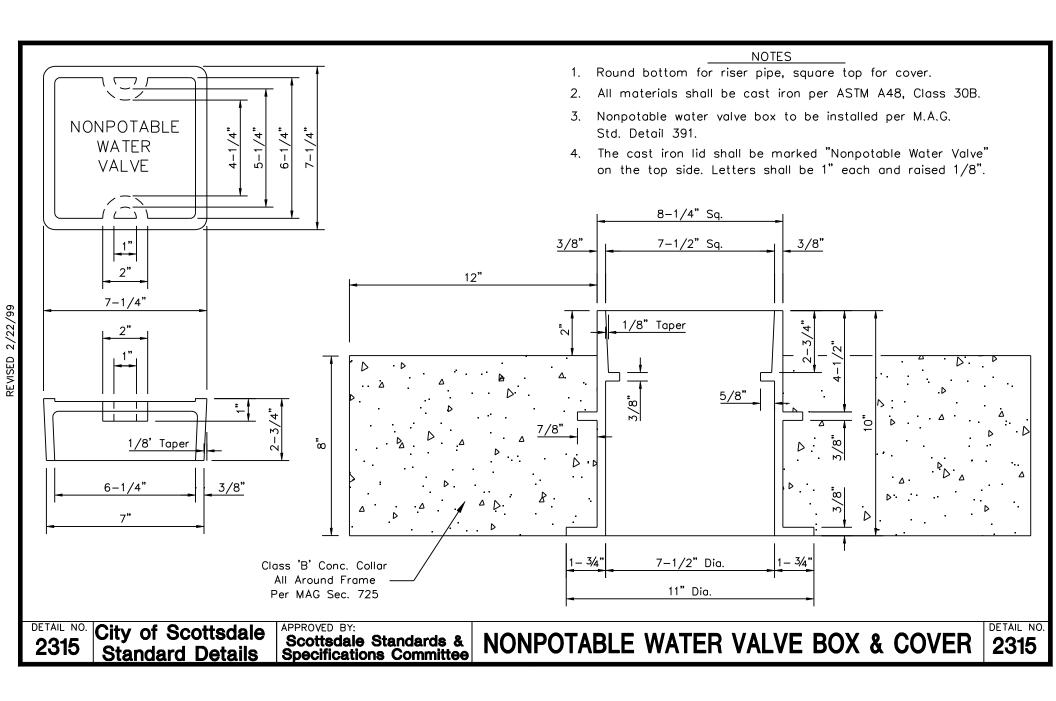


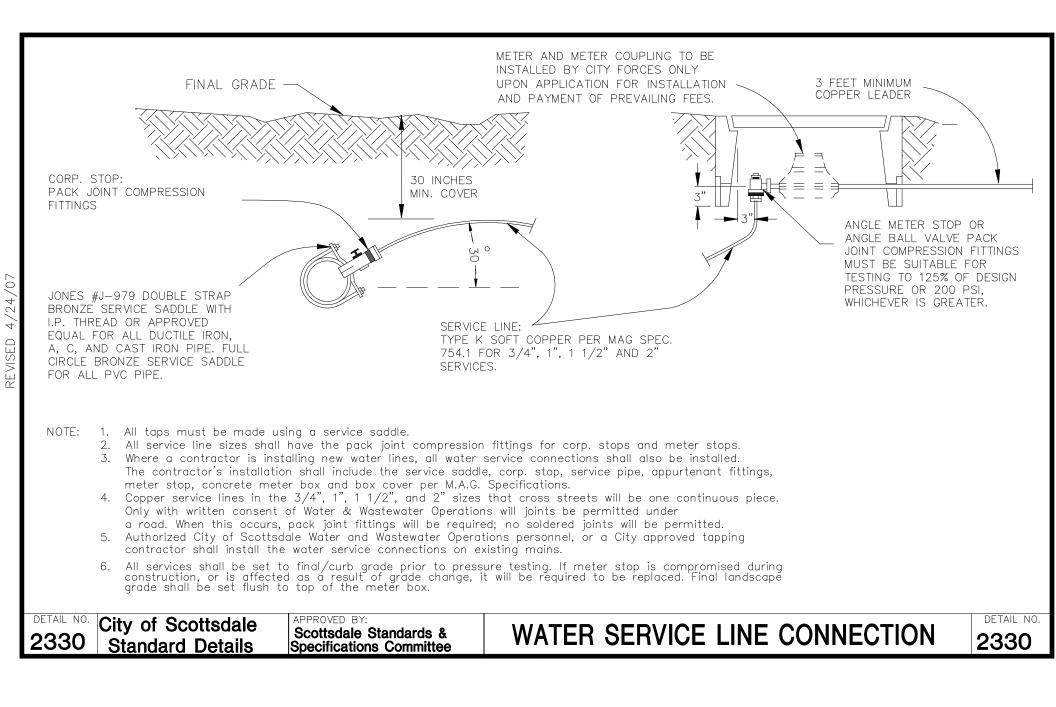


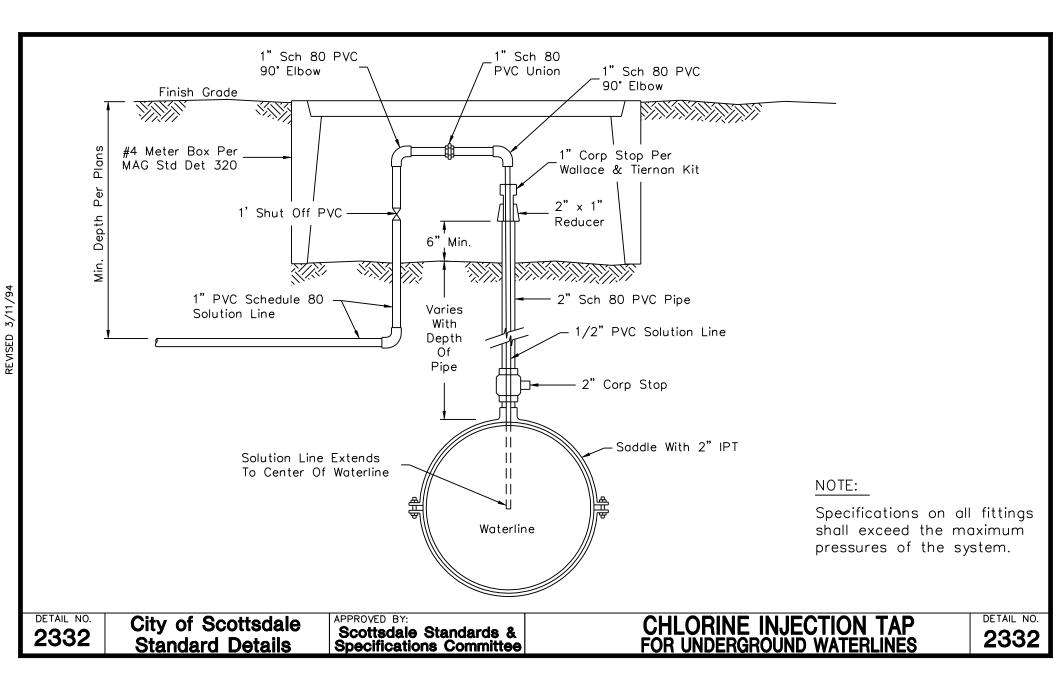


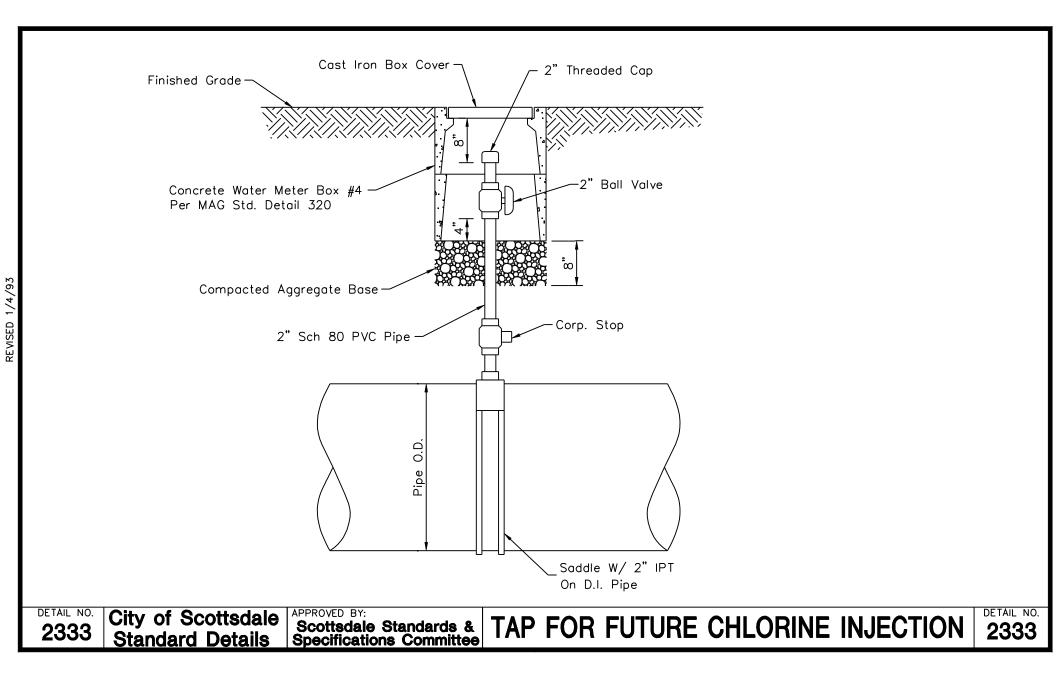


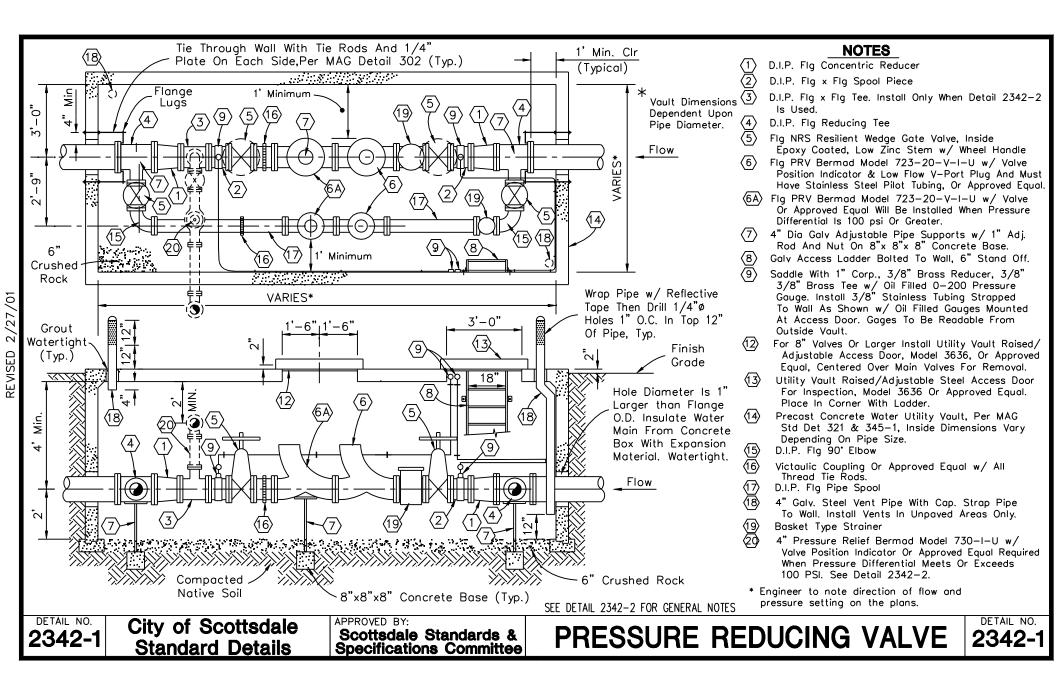


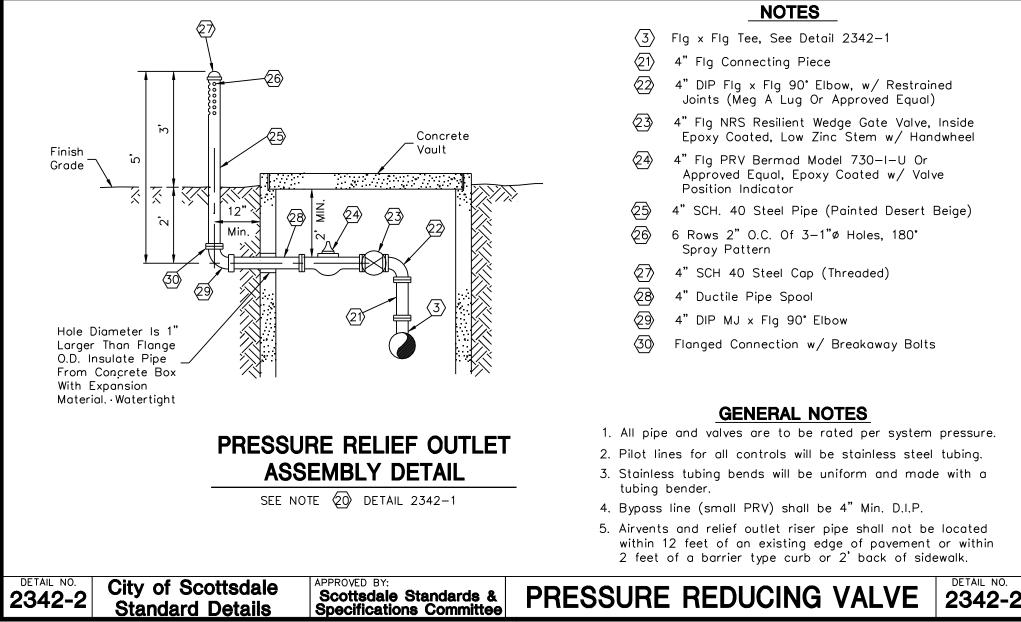


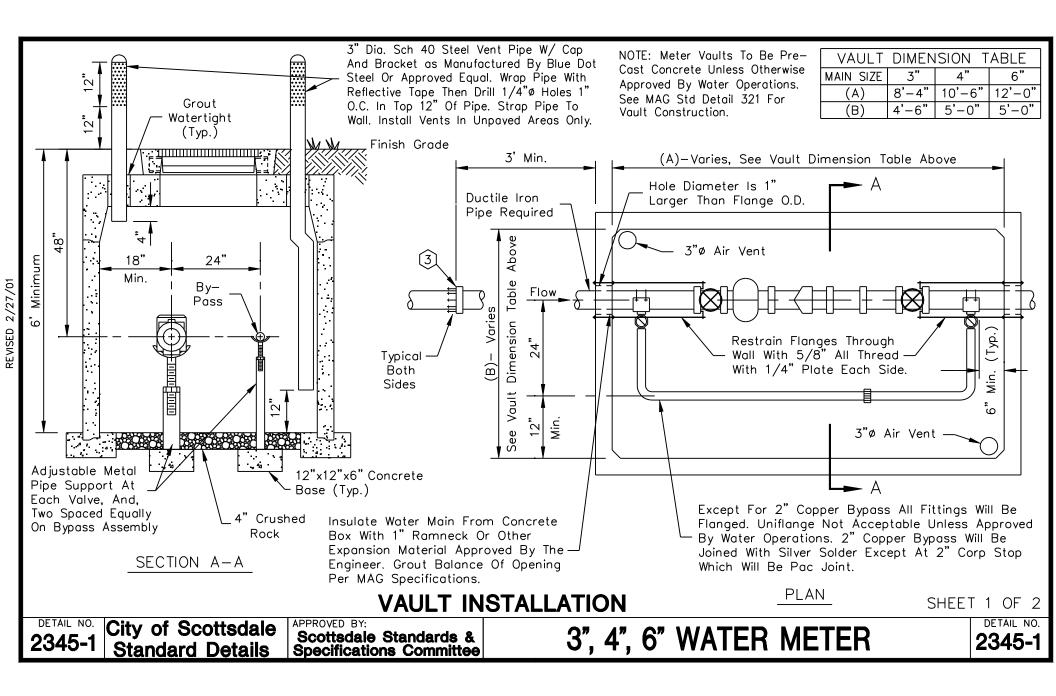


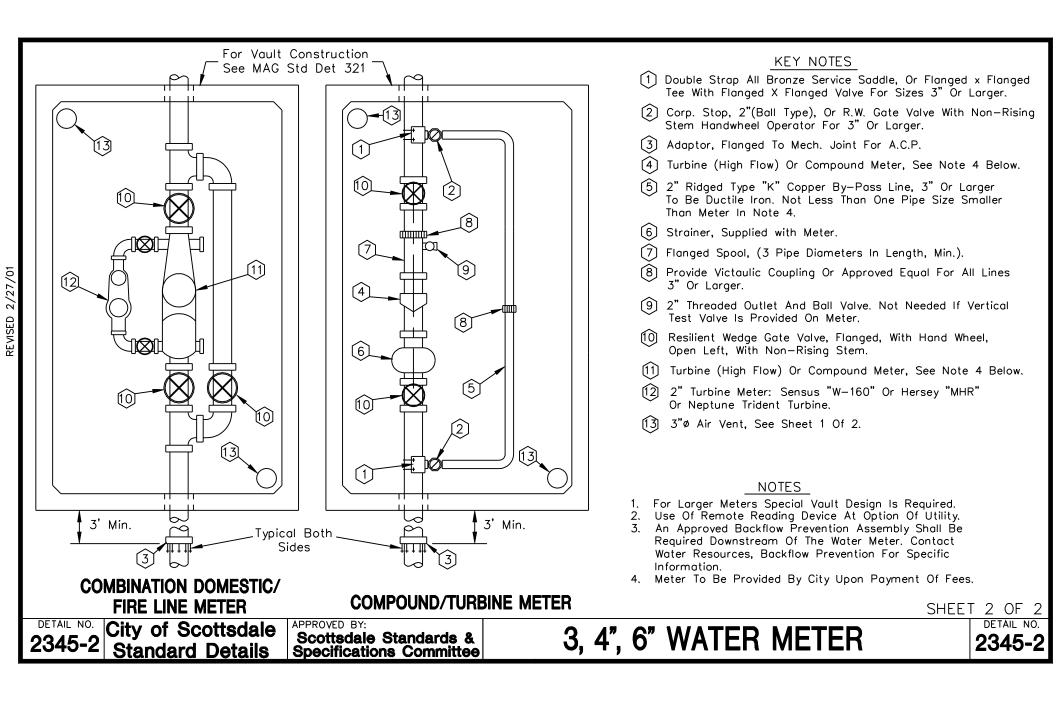


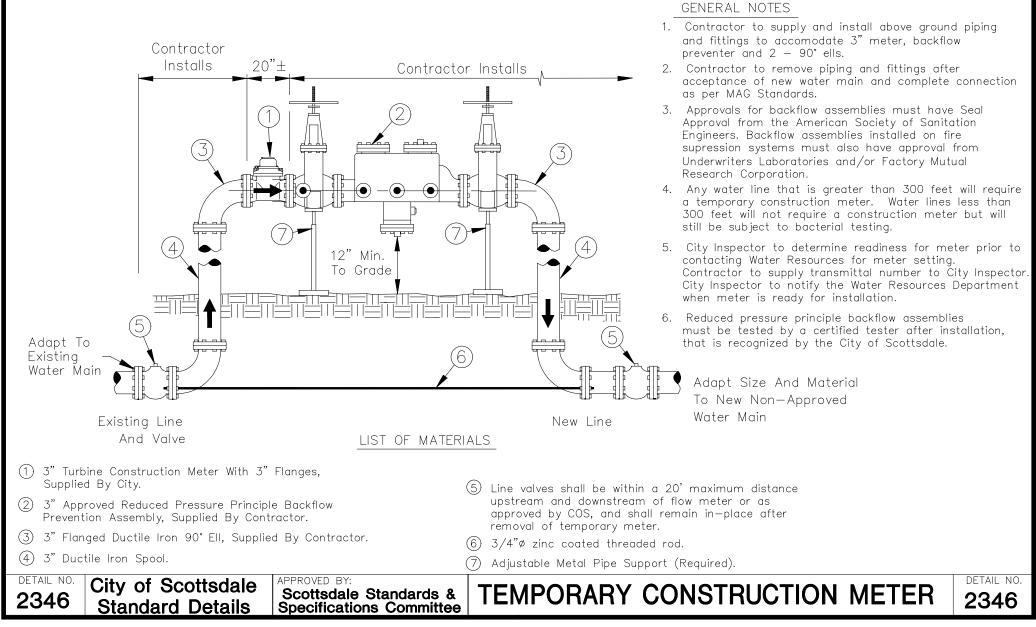


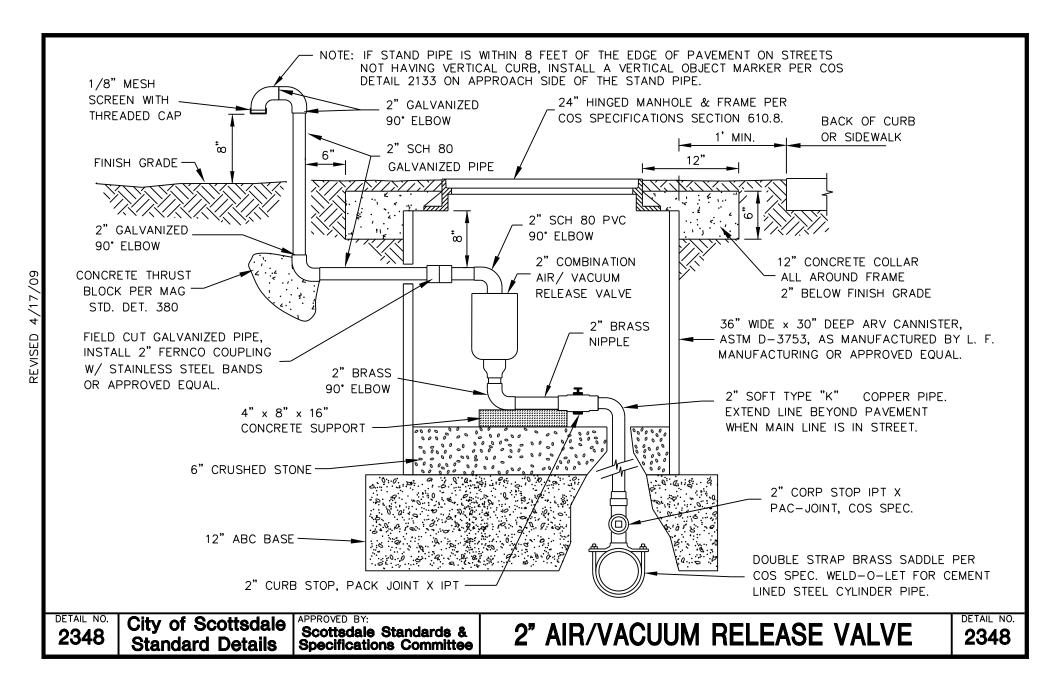


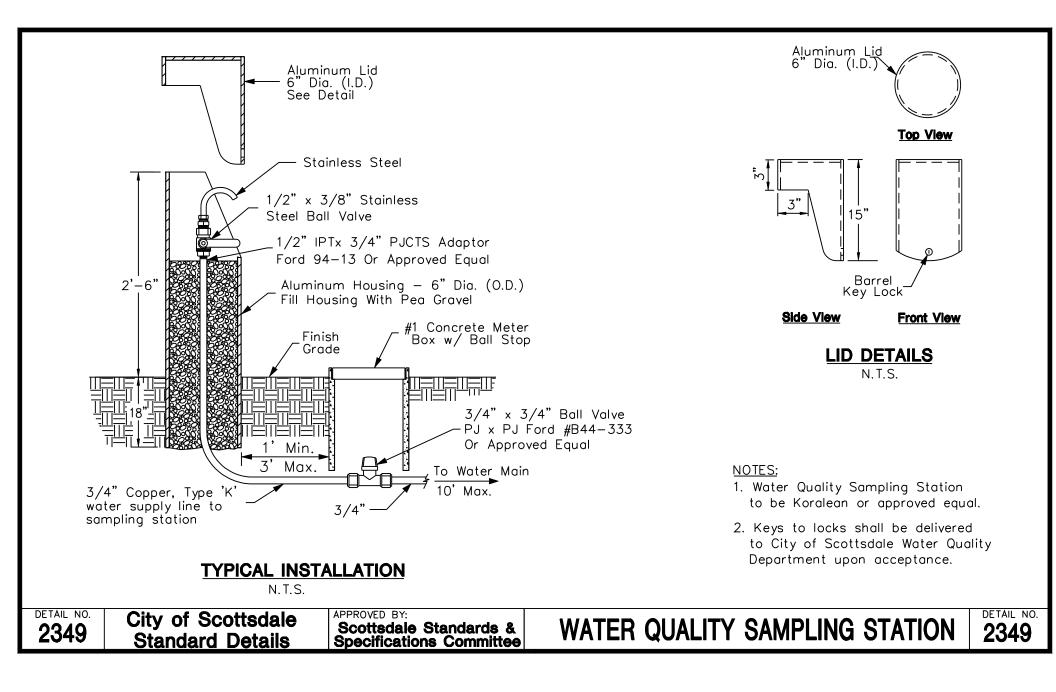


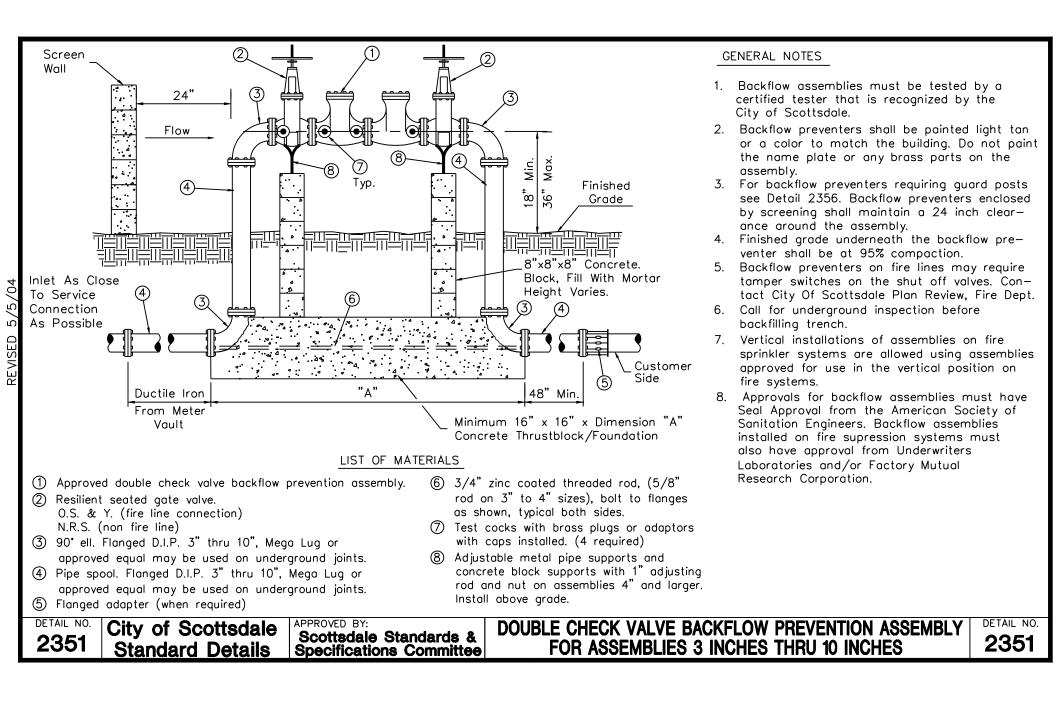


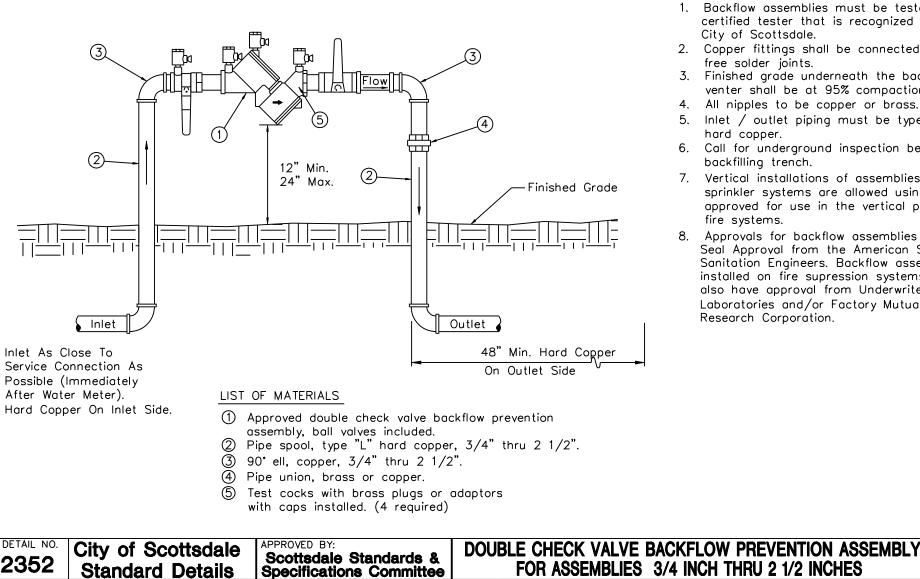








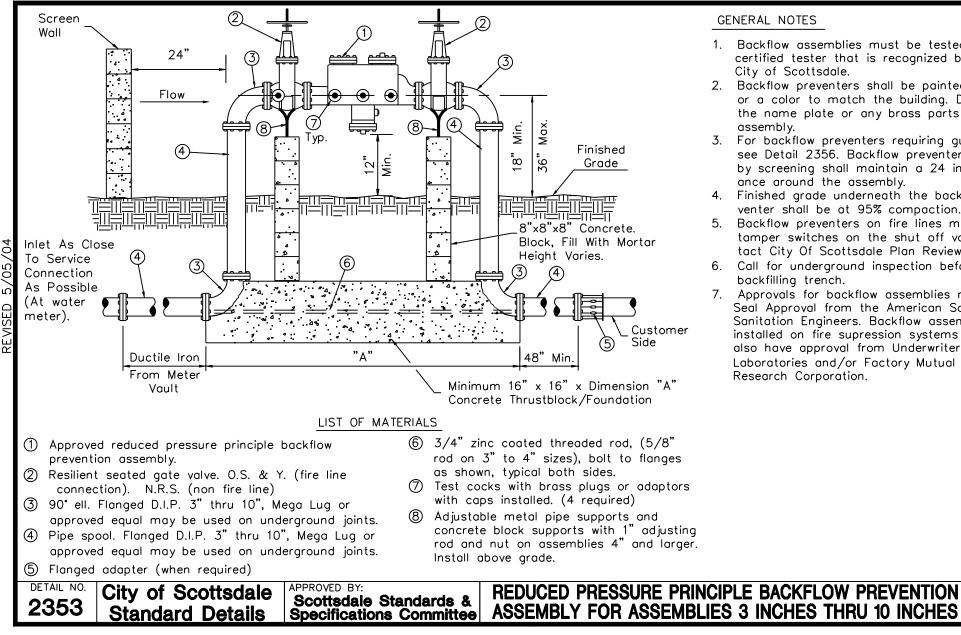




GENERAL NOTES

- 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.
- 3. Finished grade underneath the backflow preventer shall be at 95% compaction.
- 4. All nipples to be copper or brass.
- Inlet / outlet piping must be type "K" hard copper.
- 6. 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.

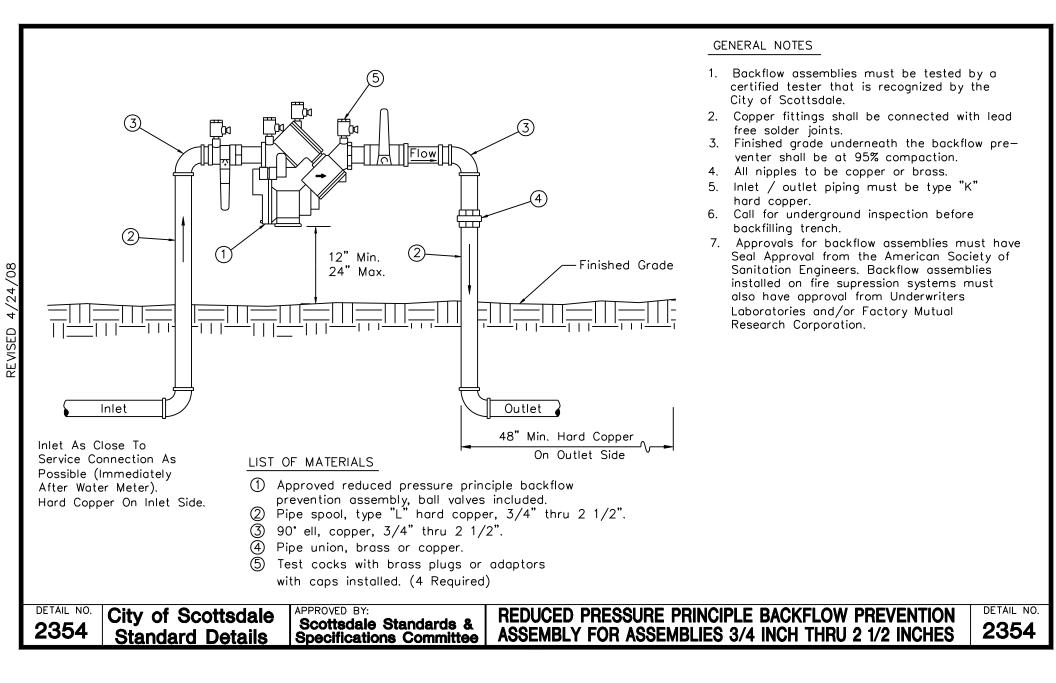
DETAIL NO. 2352

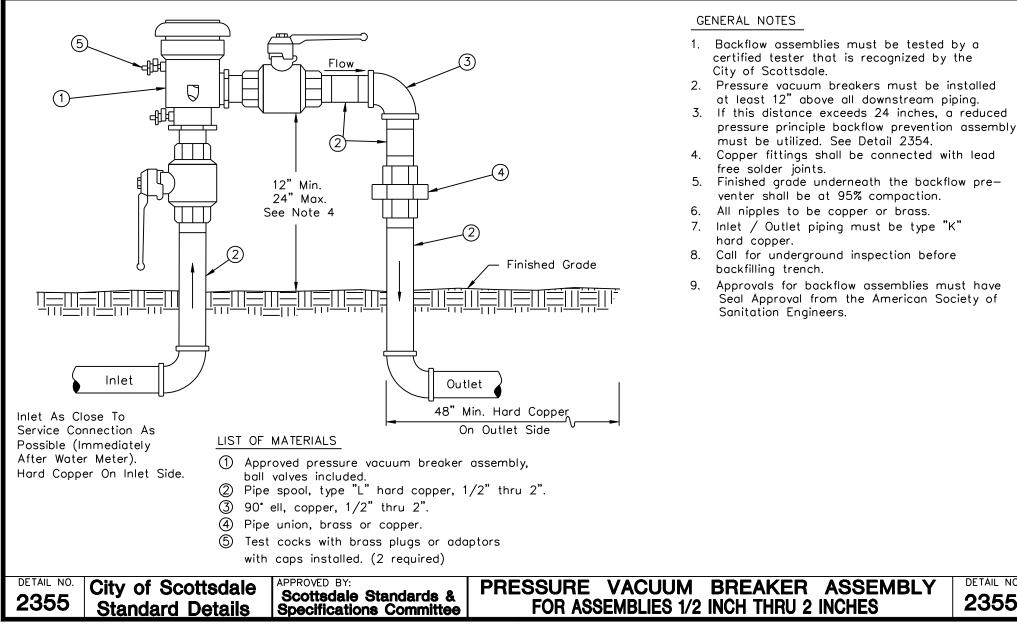


- 1. Backflow assemblies must be tested by a certified tester that is recognized by the City of Scottsdale.
- 2. Backflow preventers shall be painted light tan or a color to match the building. Do not paint the name plate or any brass parts on the
- 3. For backflow preventers requiring guard posts see 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.

DETAIL NO.

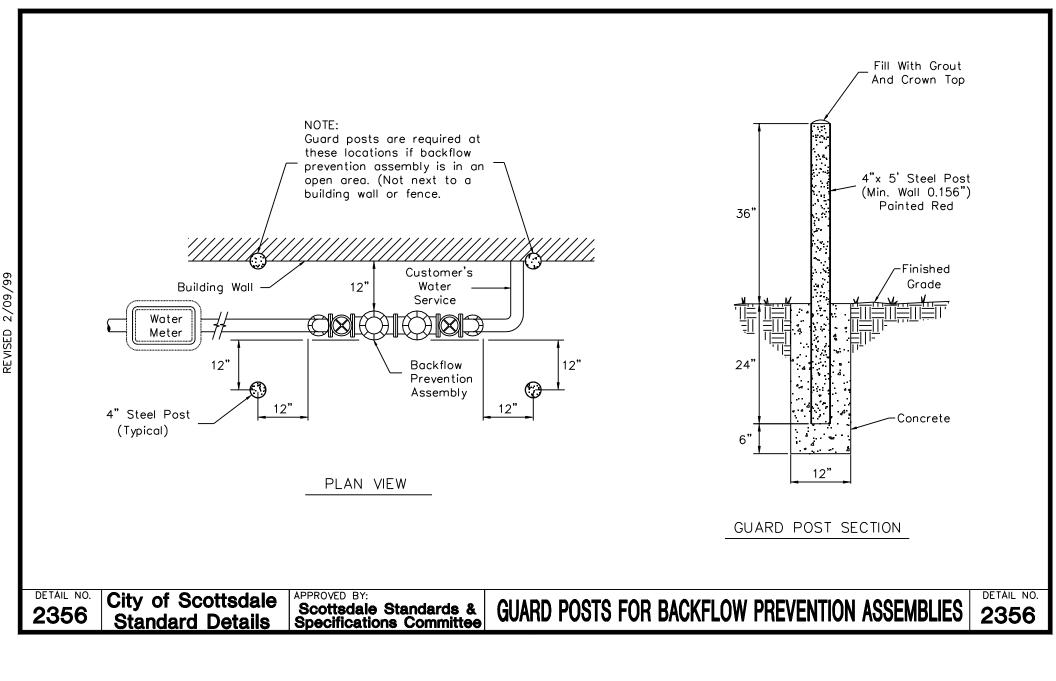
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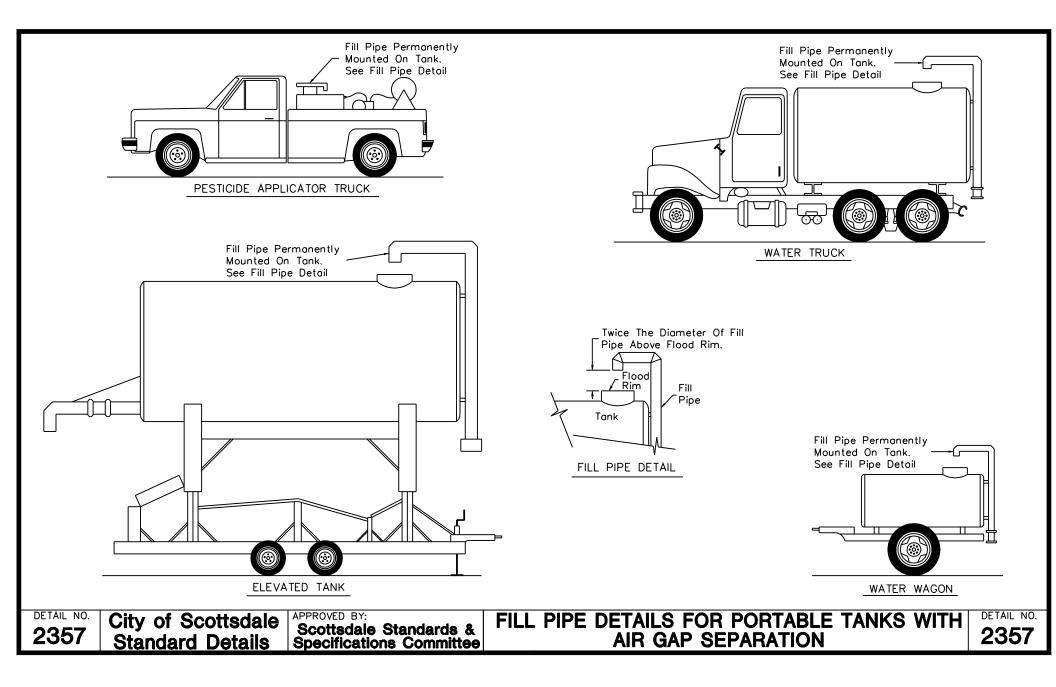


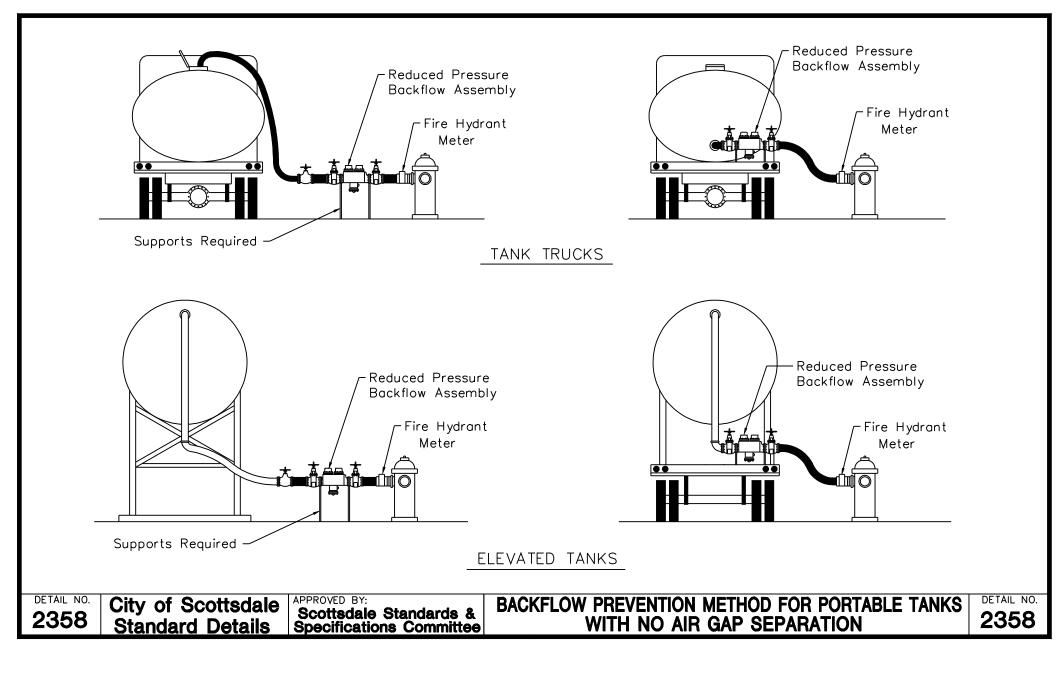


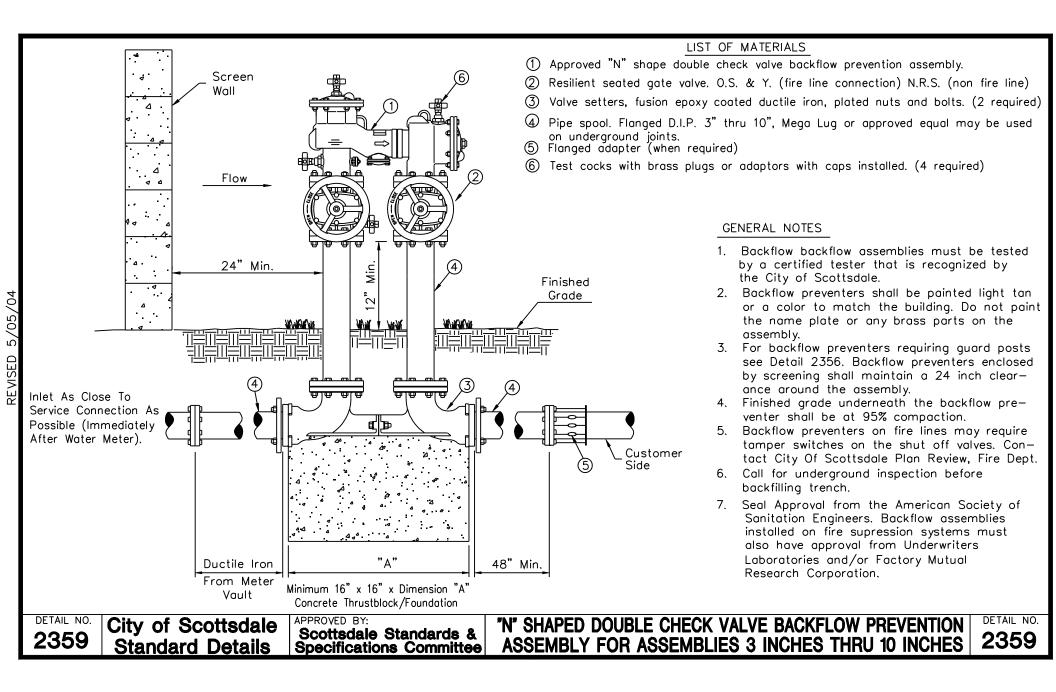
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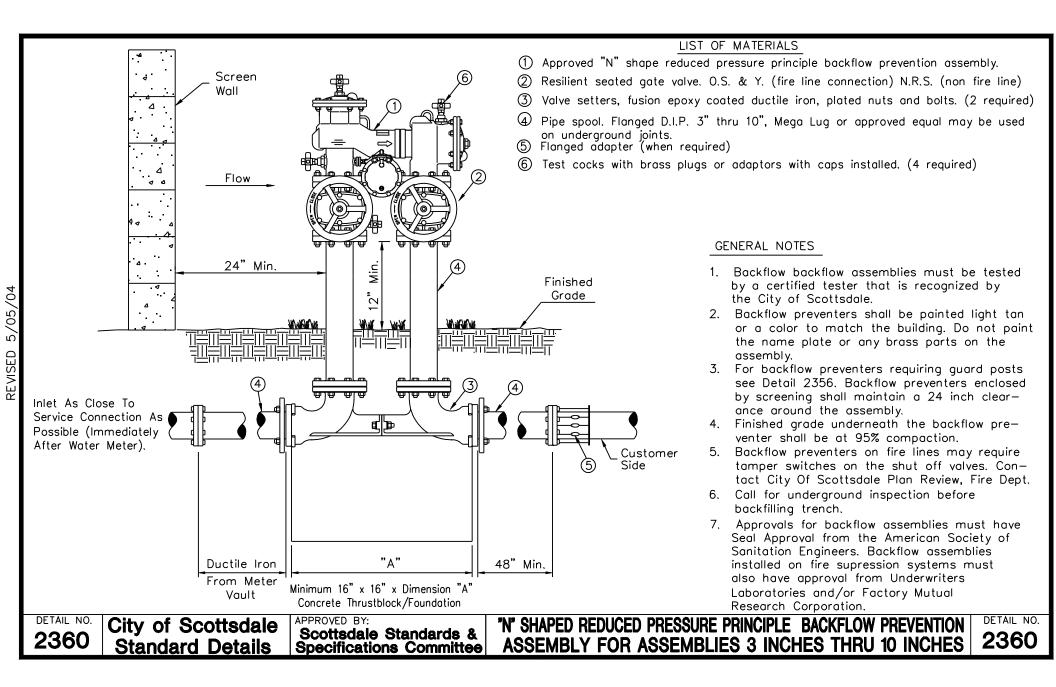
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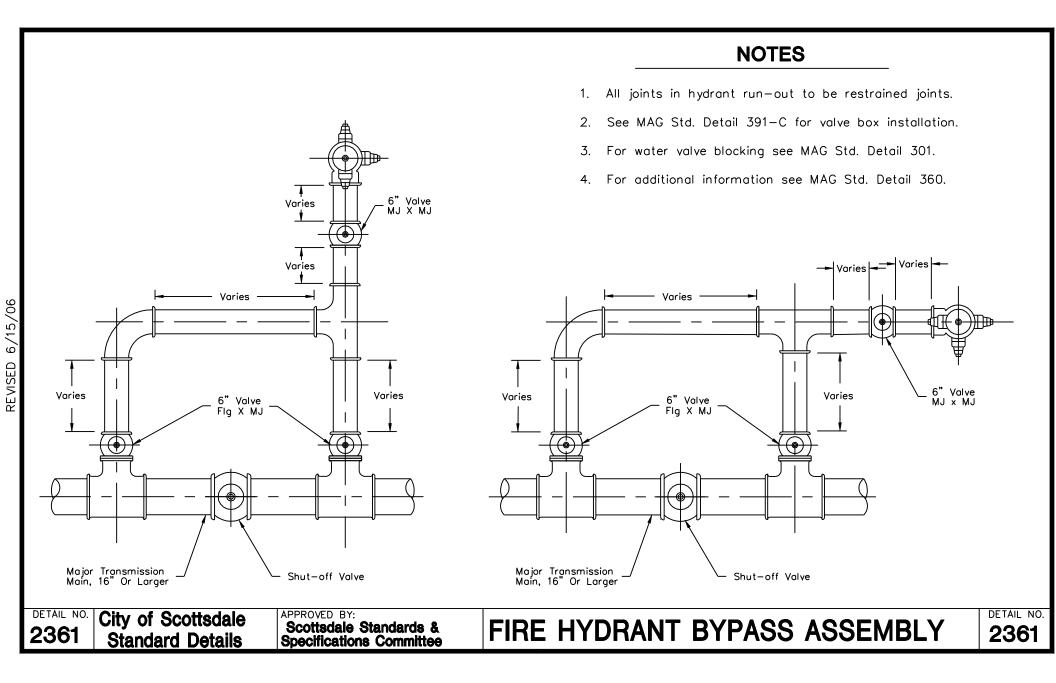


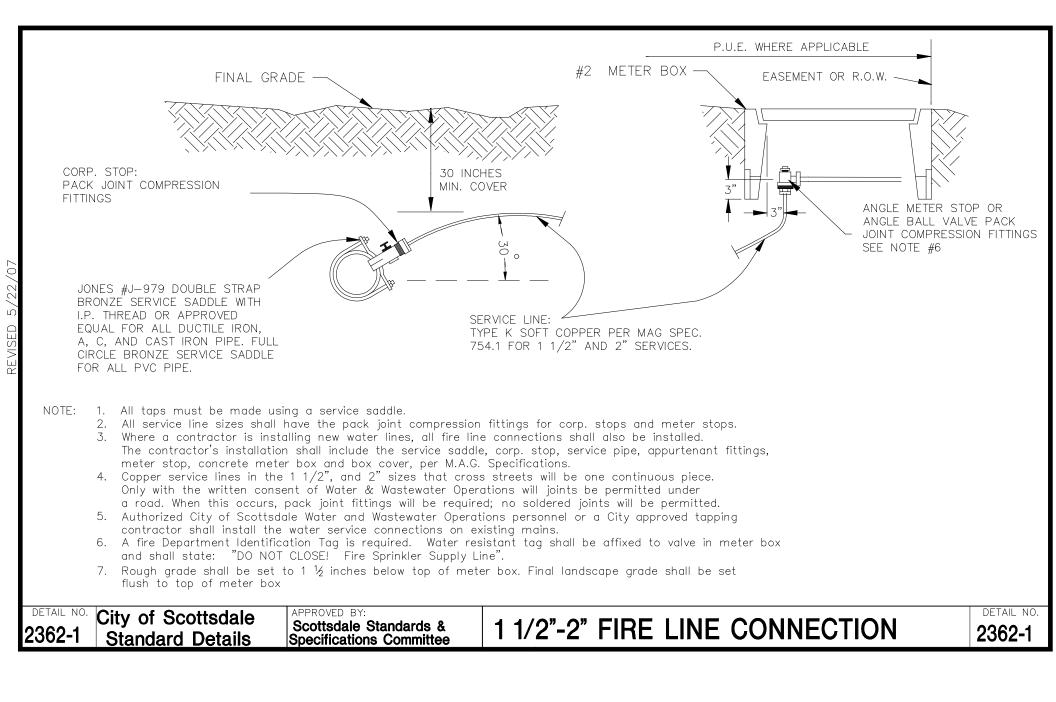


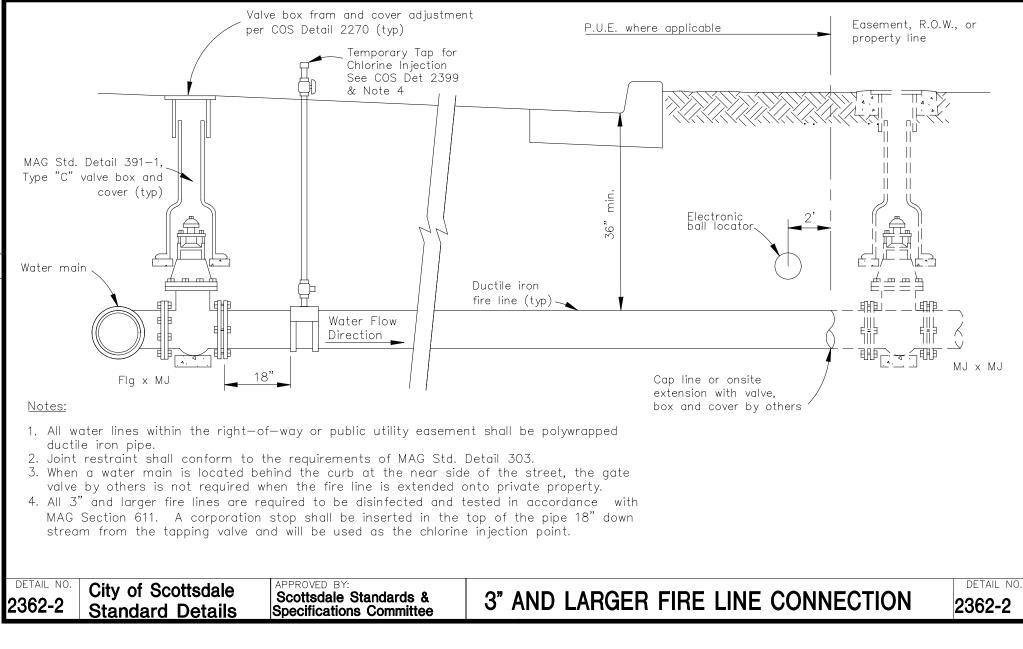


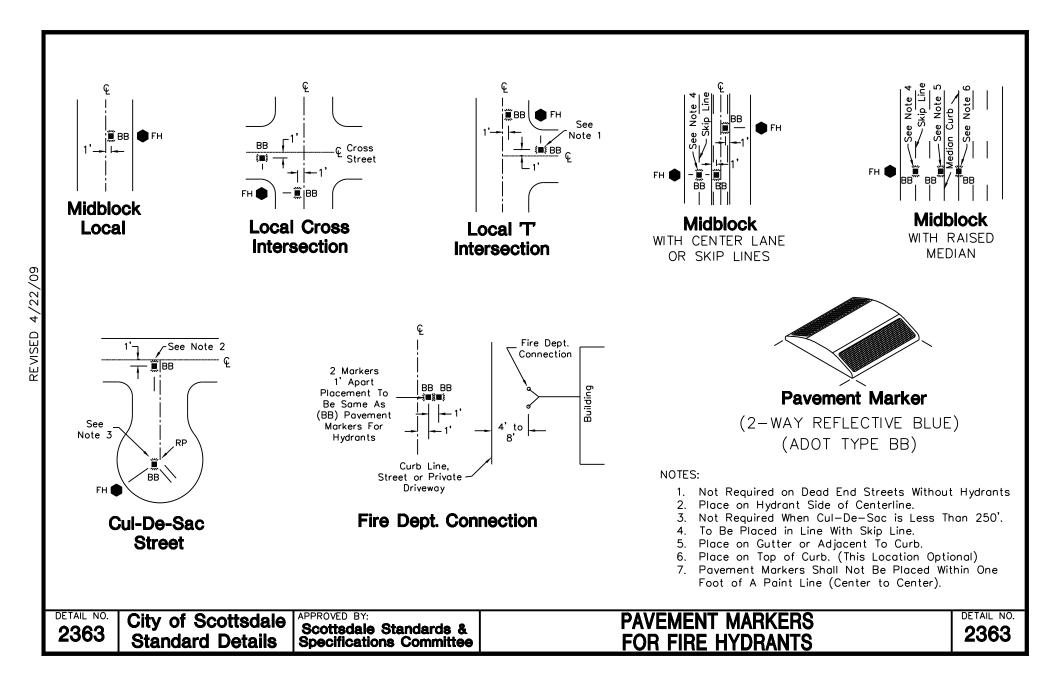


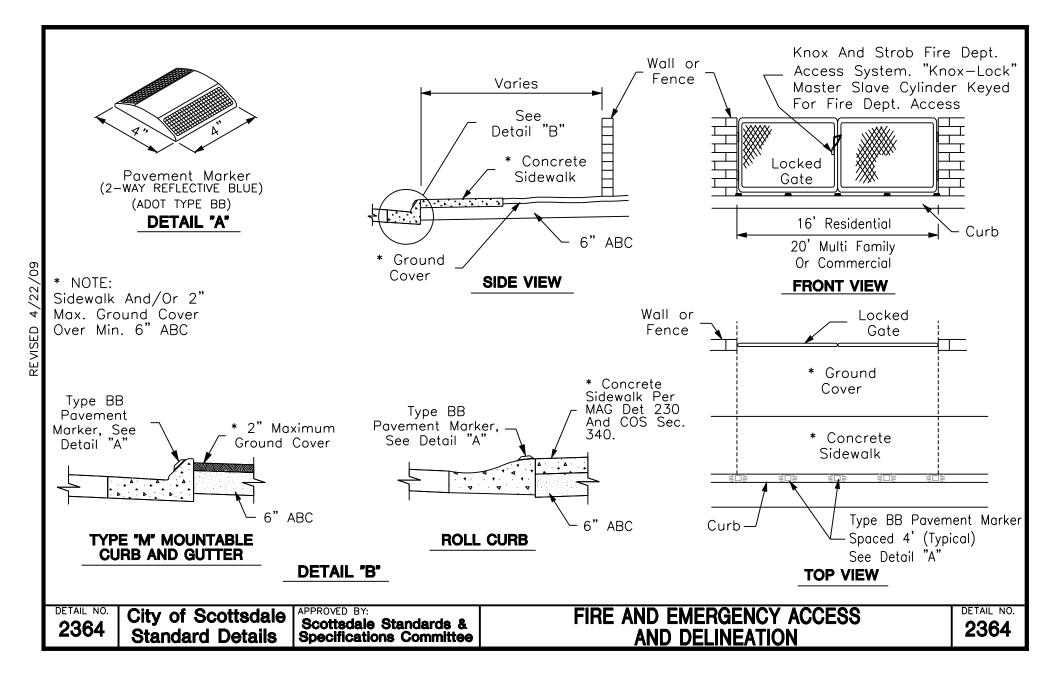












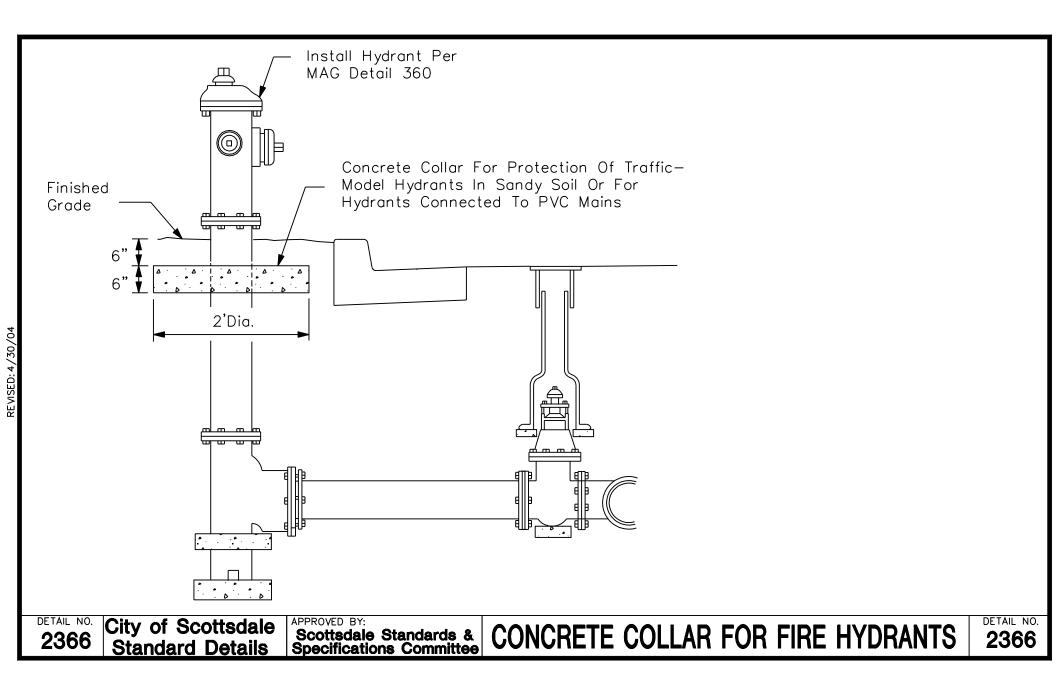
	<u> </u>	12"
		NO PARKING
REVISED 4/15/09		FIRE 2.5" 2.5" 1" 2.5" 2.5" 2.5" 1" CITY ORDINANCE 1" 2.5" 2.5" 2.5"
	DETAIL NO. 2365	City of ScottsdaleAPPROVED BY: Scottsdale Standards & Specifications Committee

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.

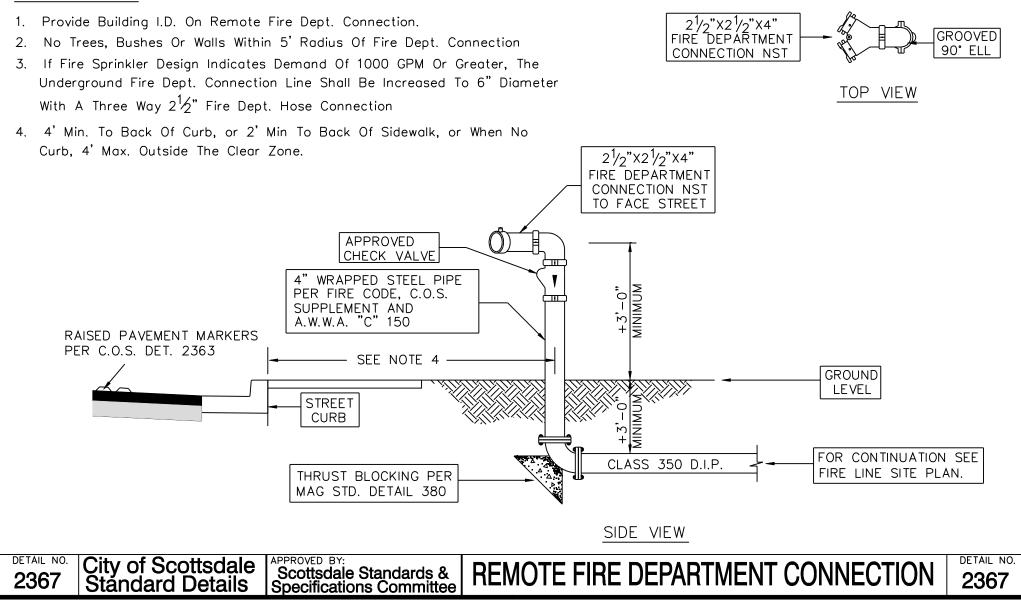
FIRE LANE SIGN

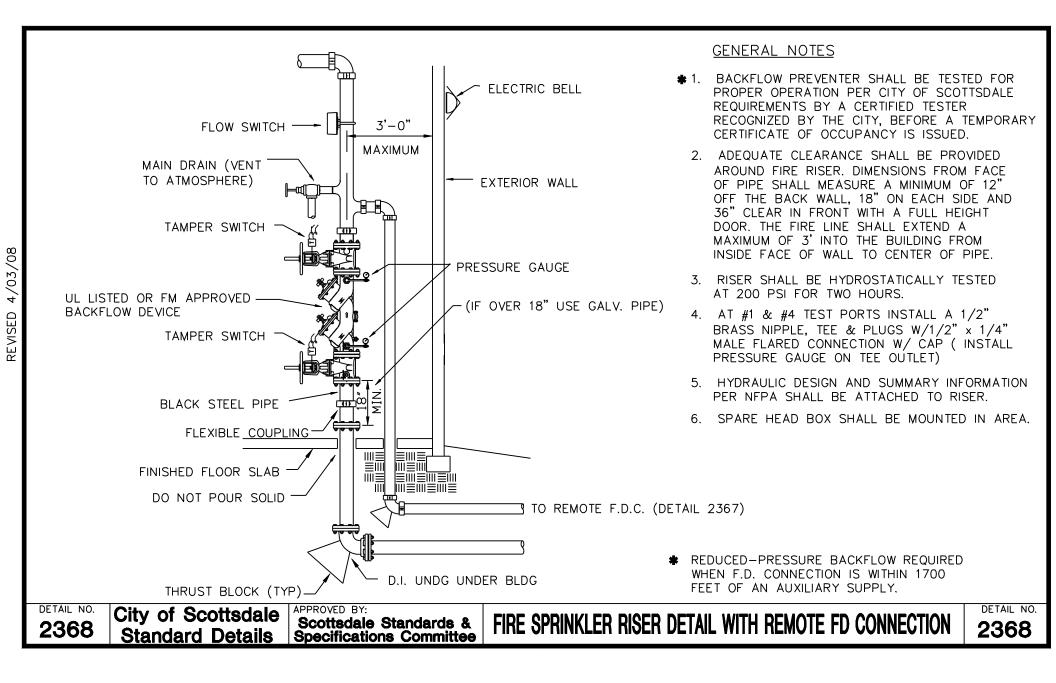


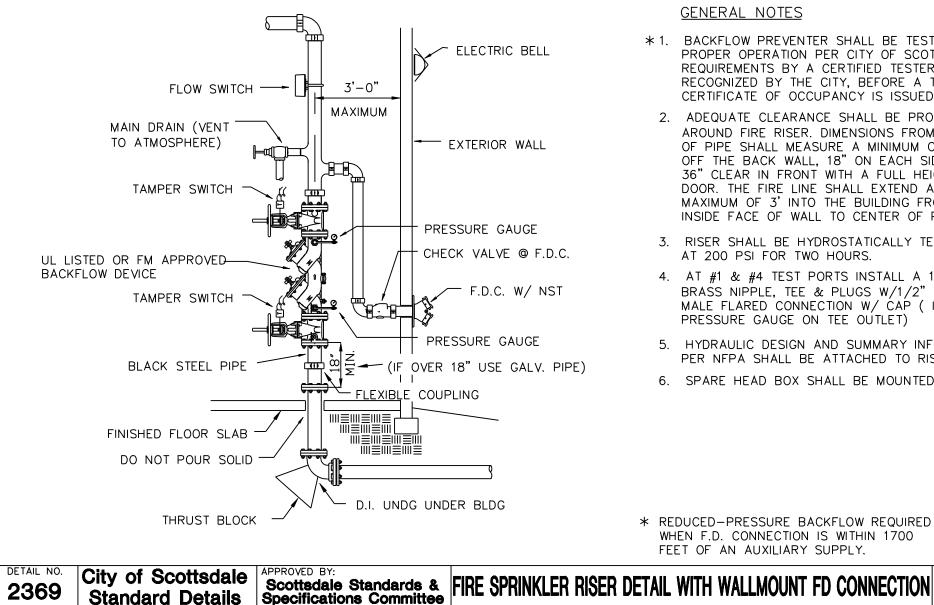




REVISED 4/03/08







Specifications Committee

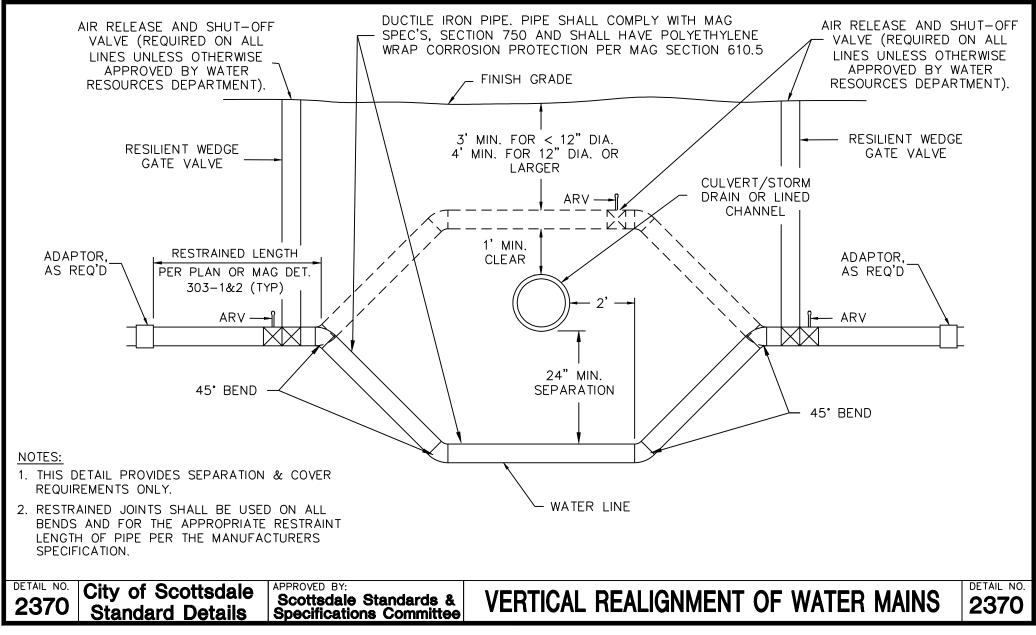
GENERAL NOTES

- * 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.

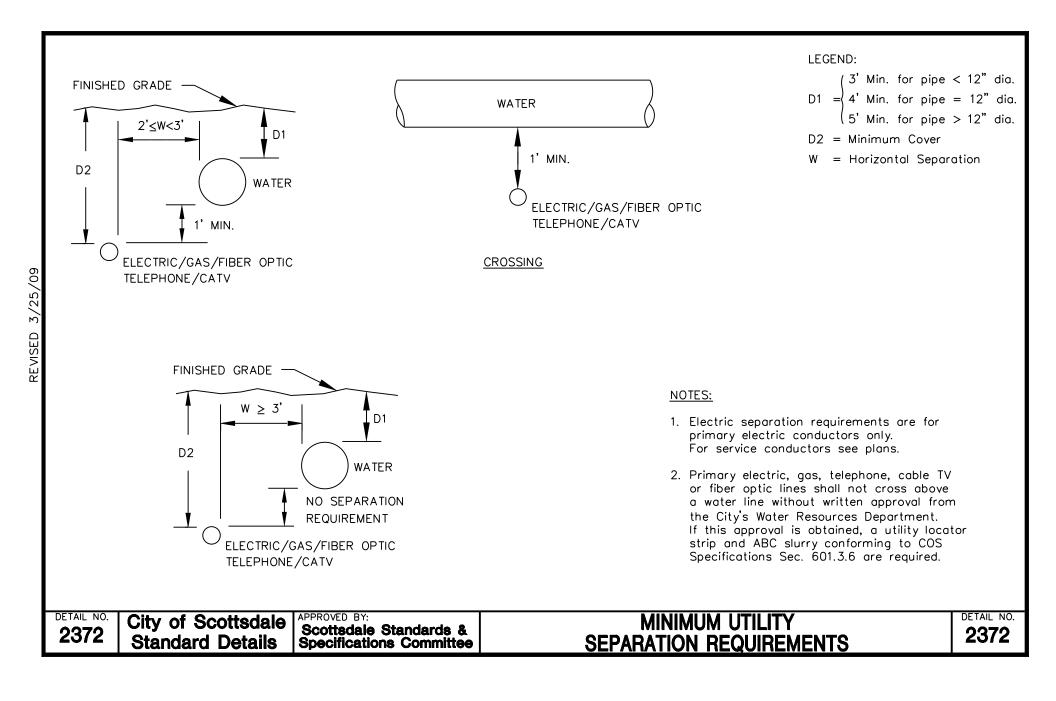
DETAIL NO.

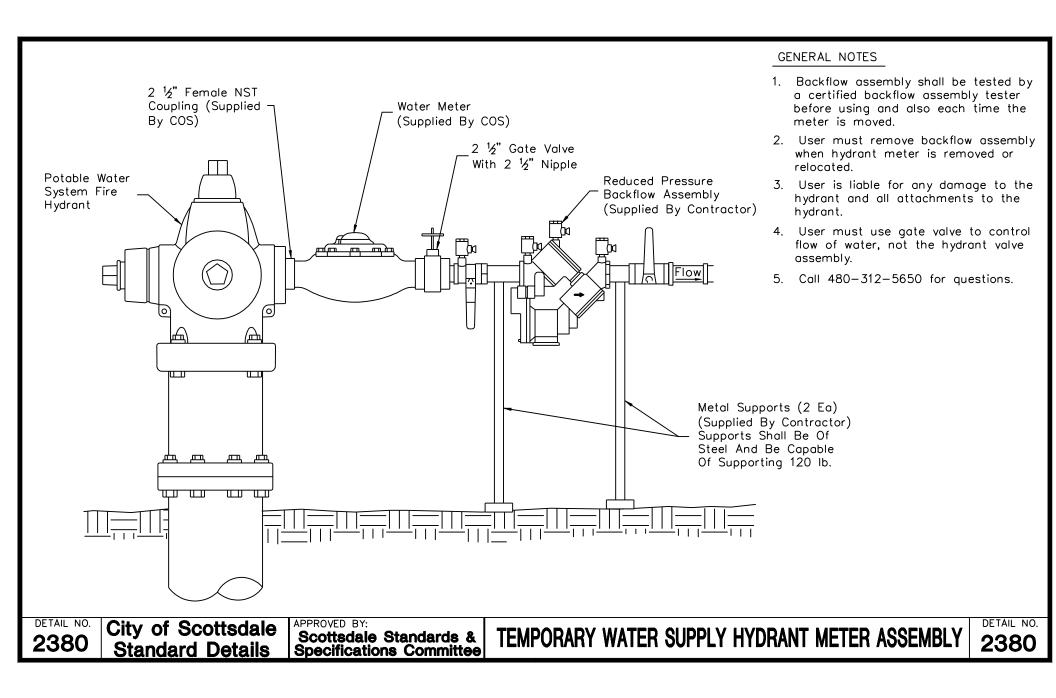
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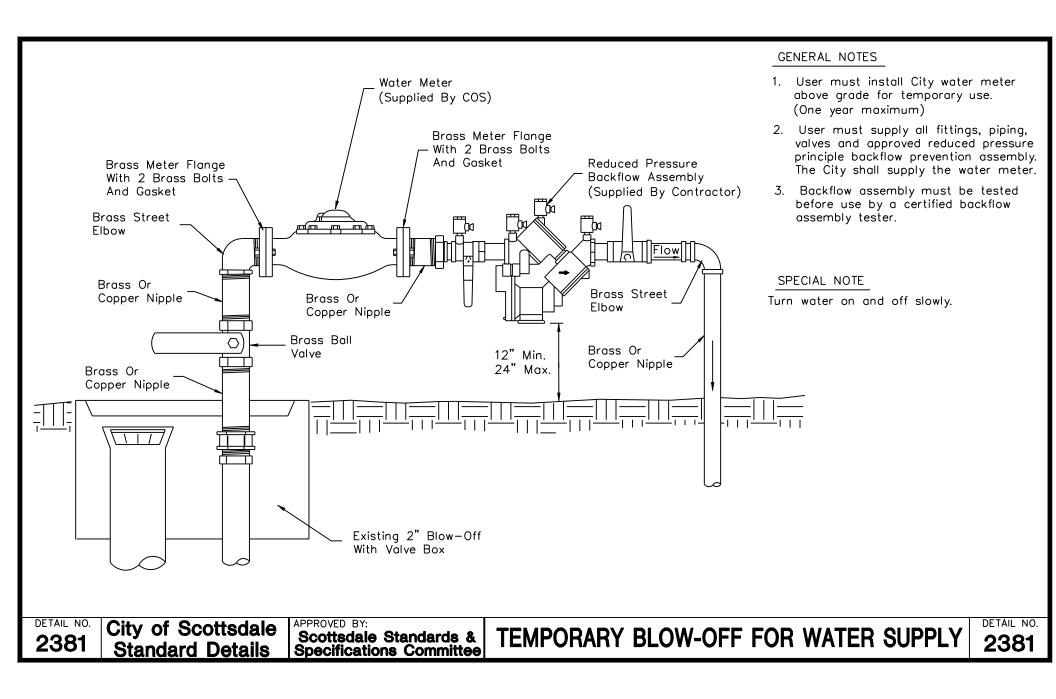
* REDUCED-PRESSURE BACKFLOW REQUIRED WHEN F.D. CONNECTION IS WITHIN 1700 FEET OF AN AUXILIARY SUPPLY.

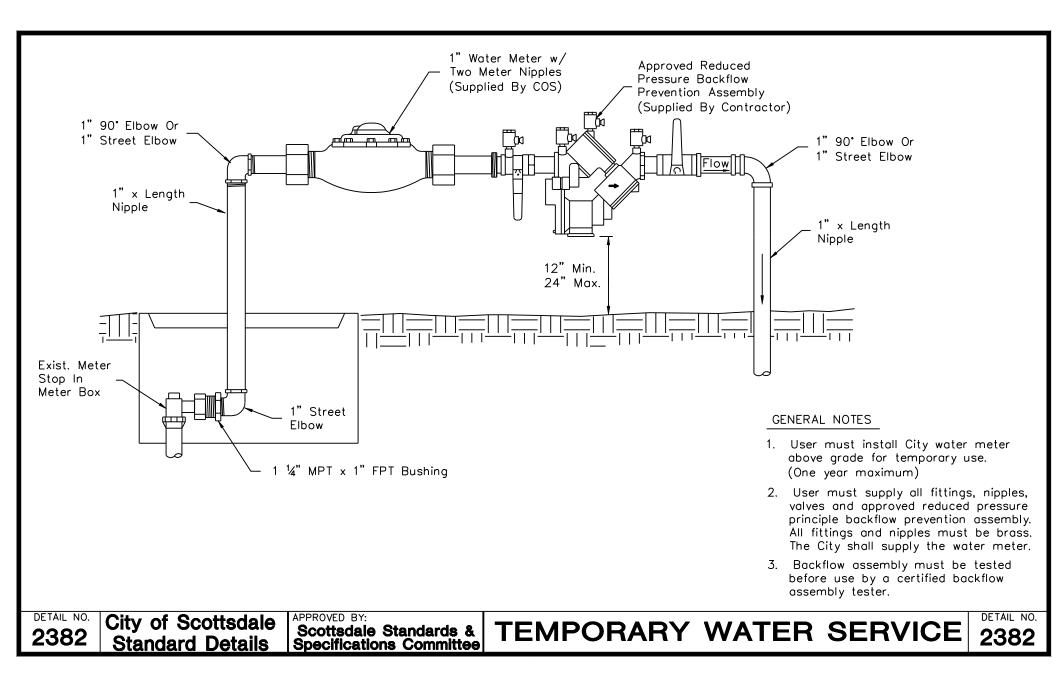


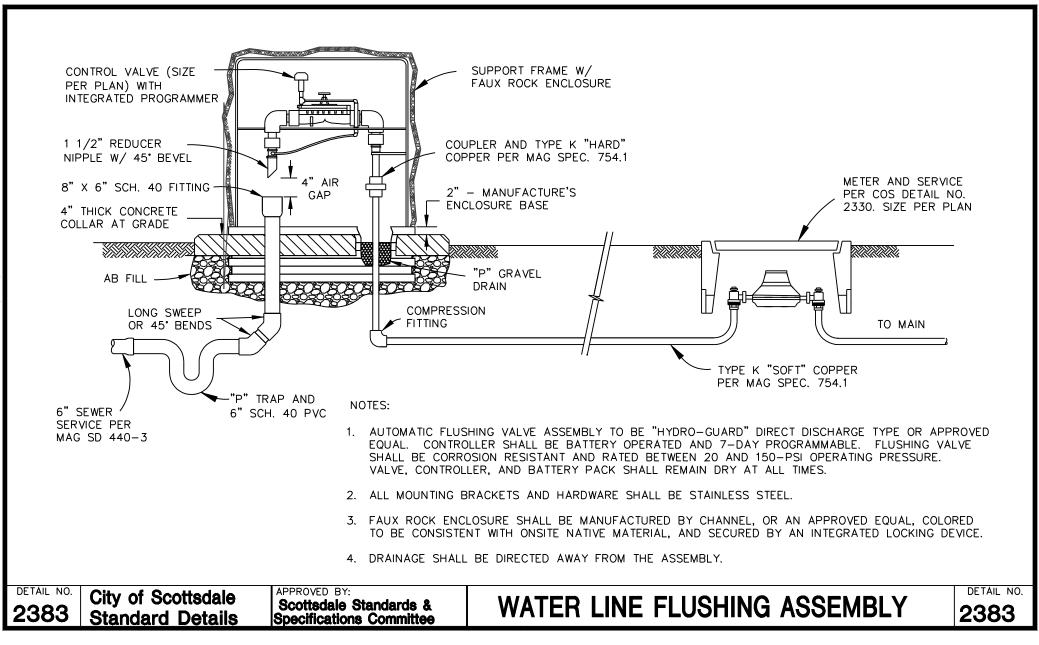
REVISED 2/27/02

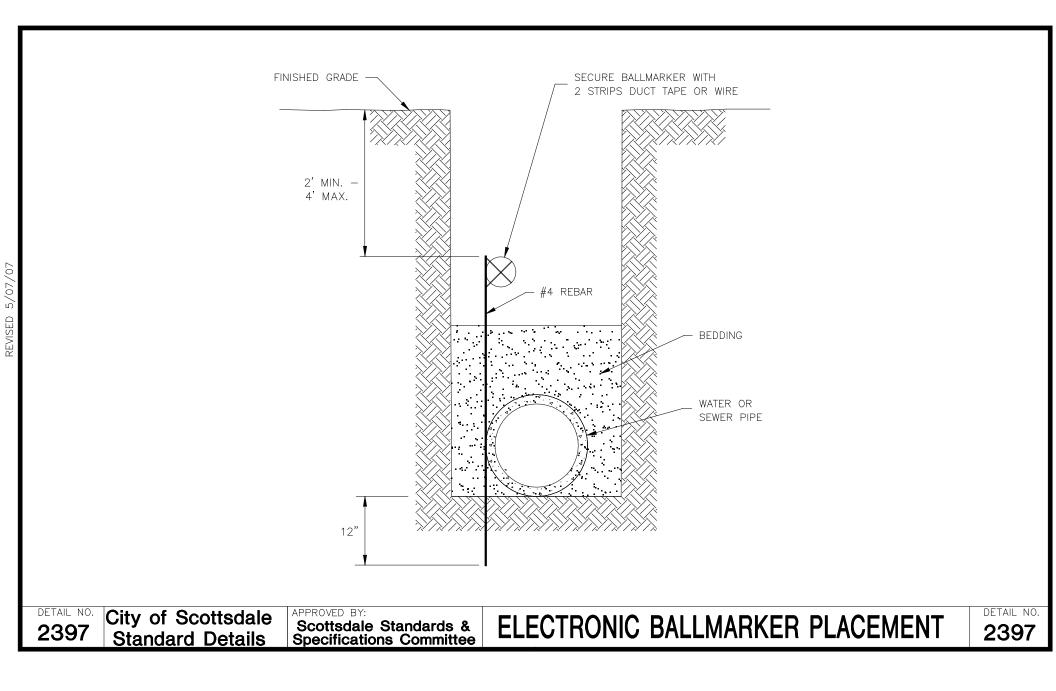


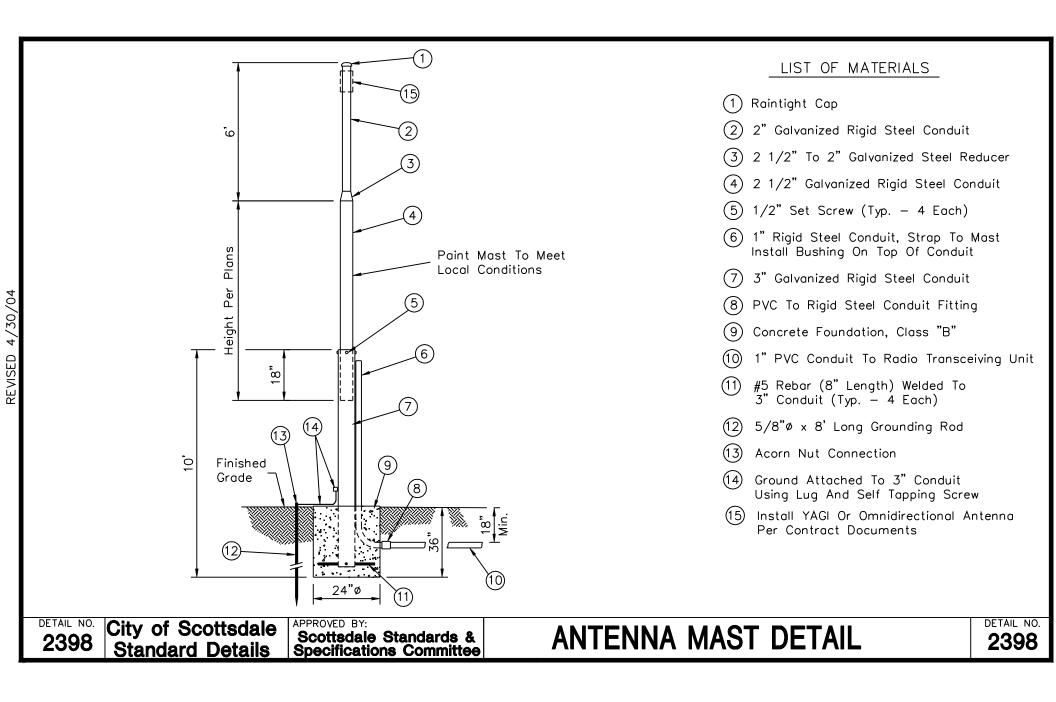


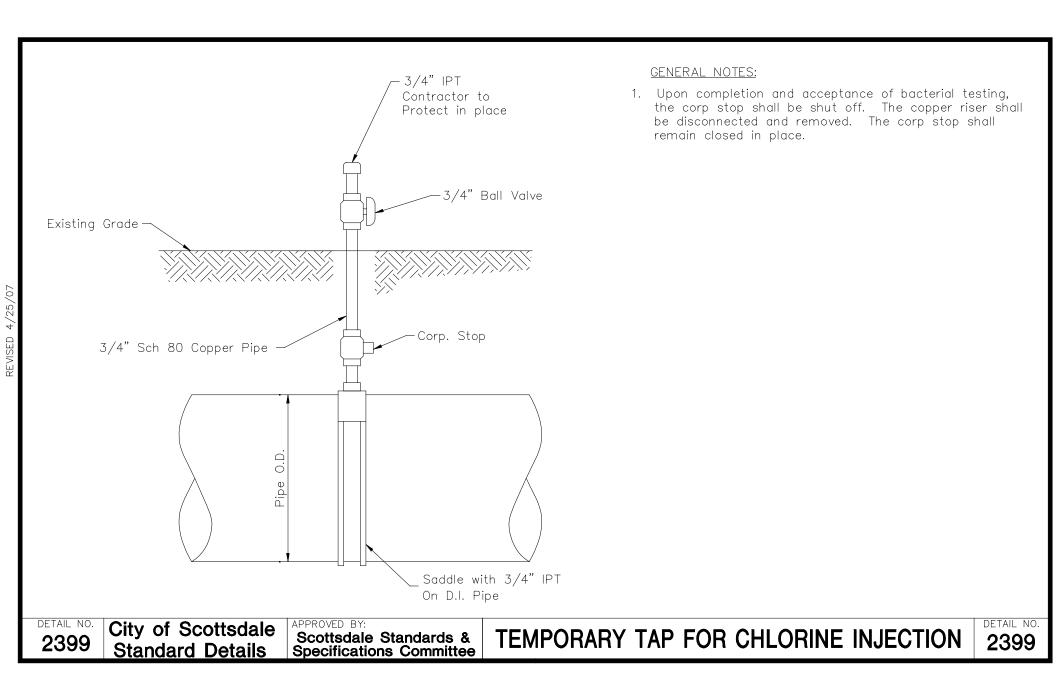


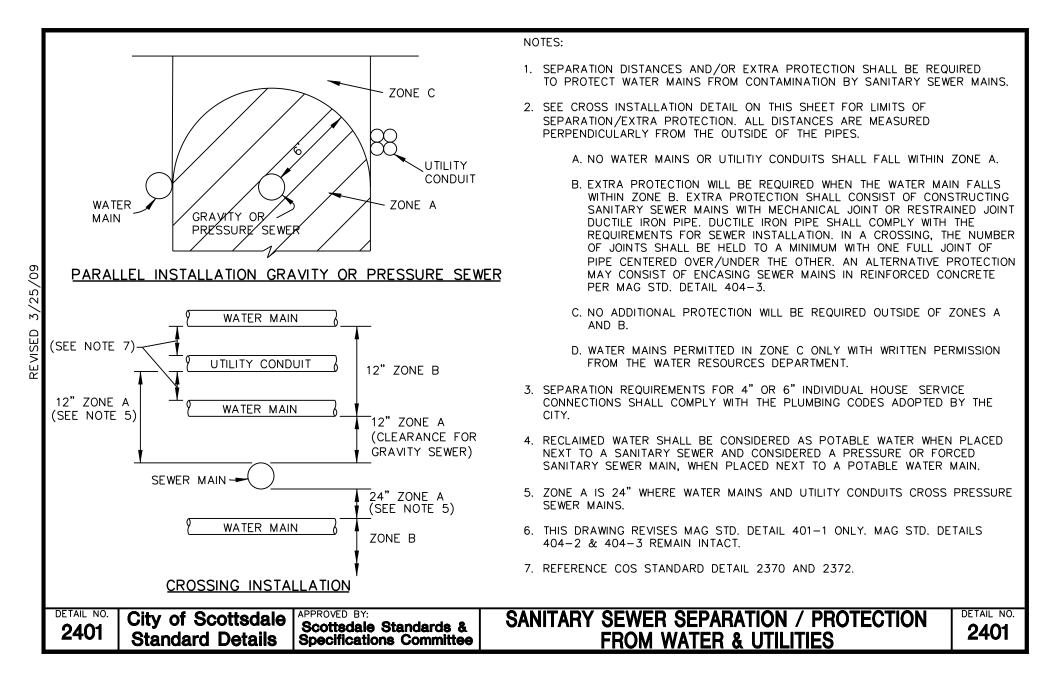


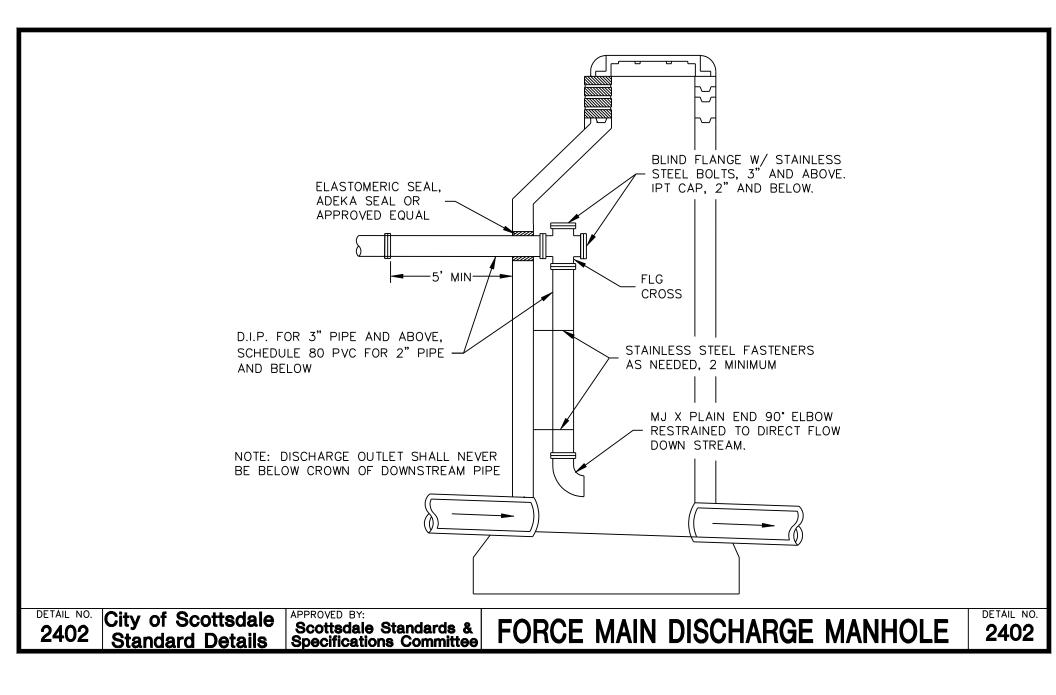


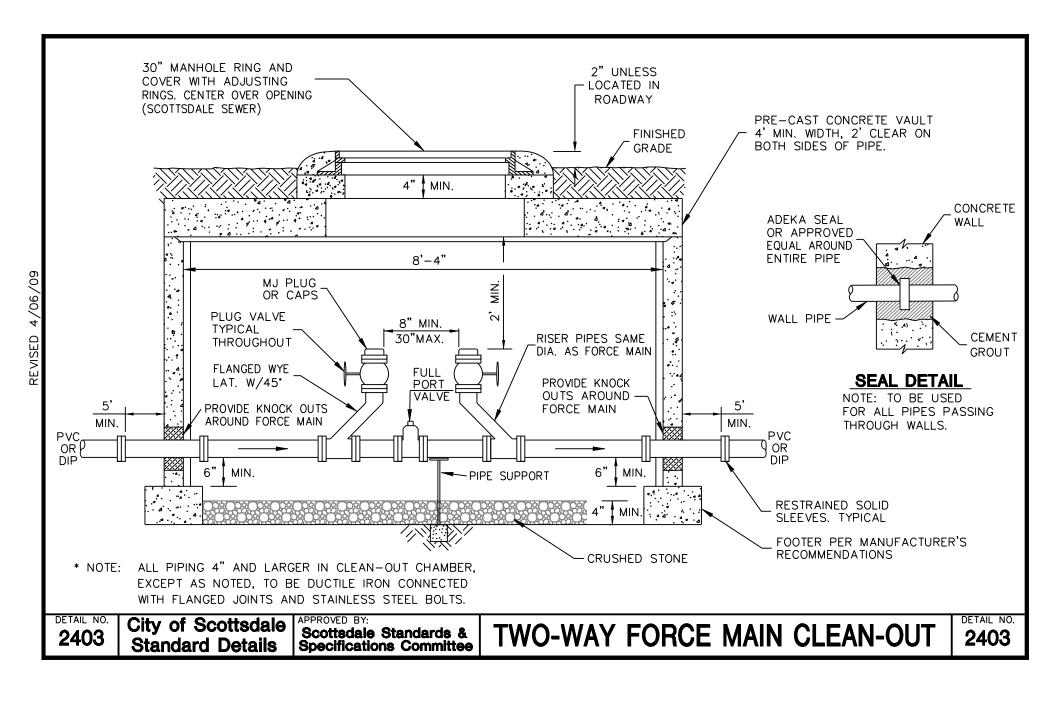


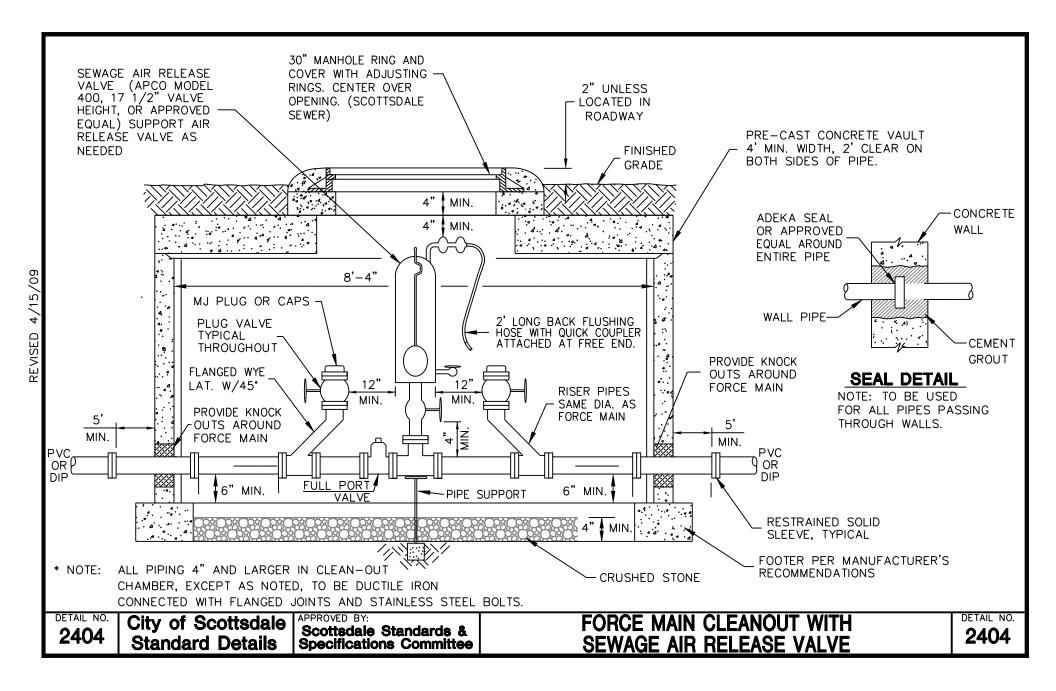


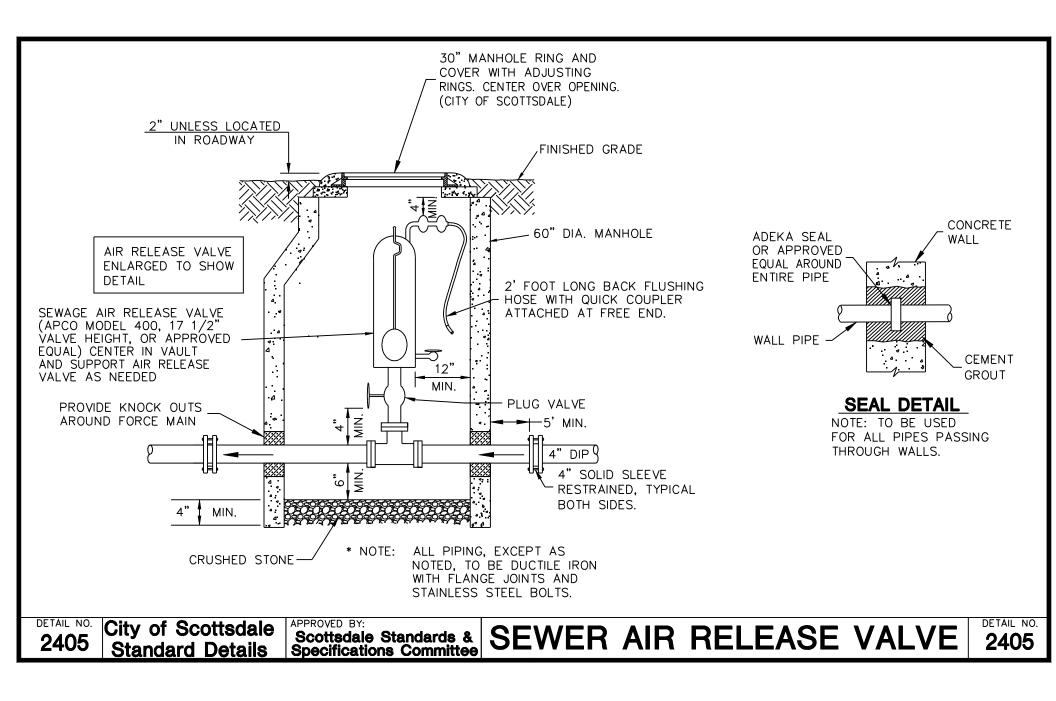


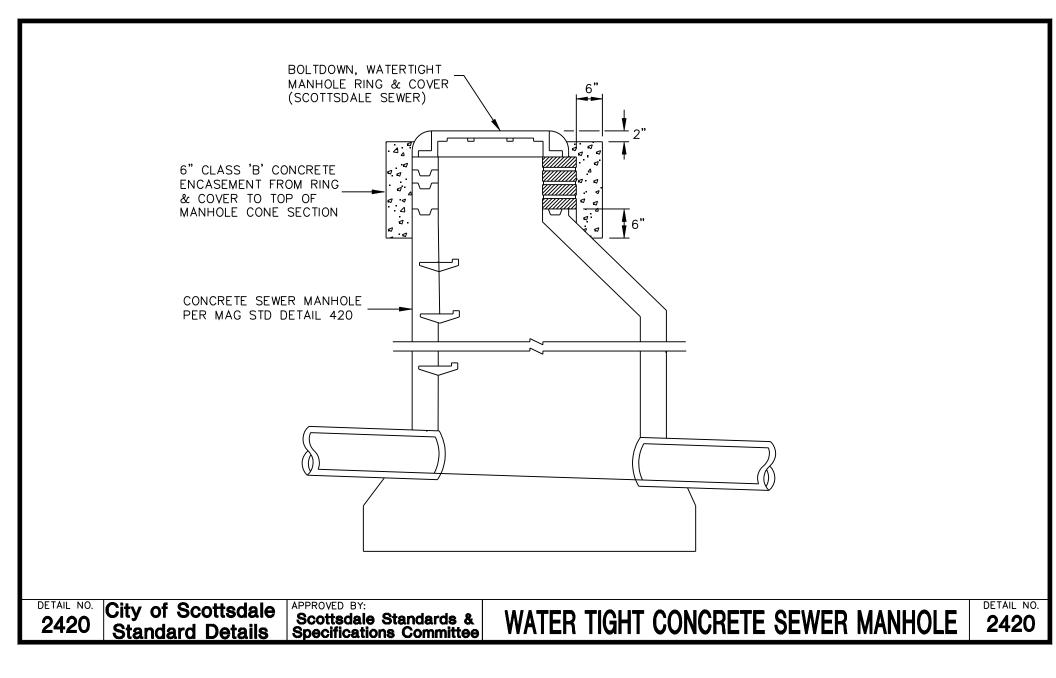


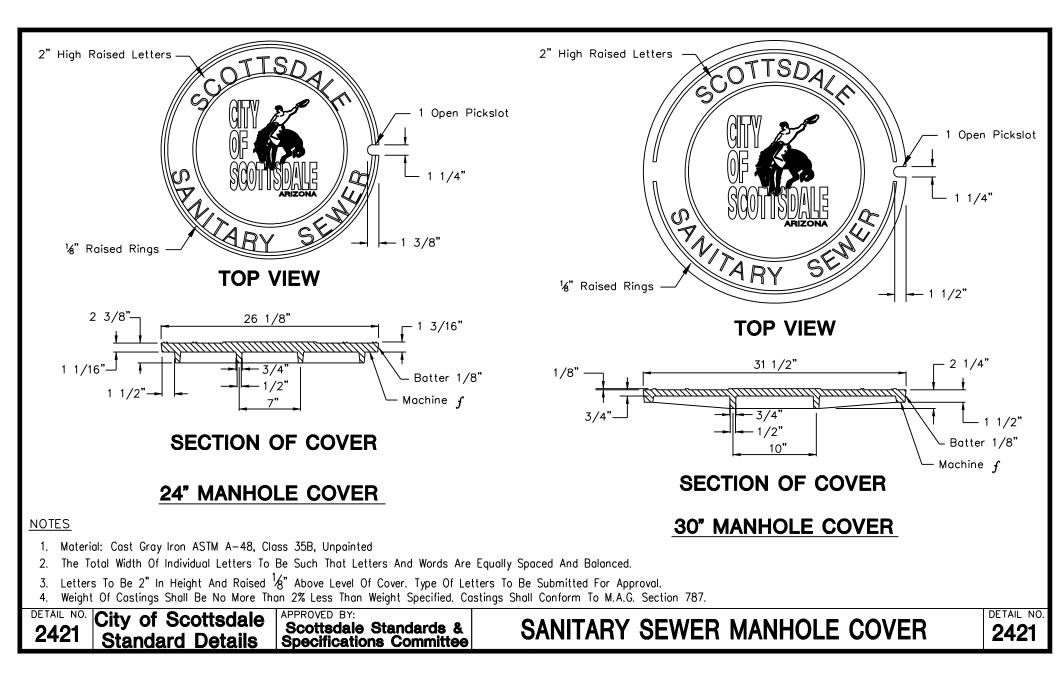


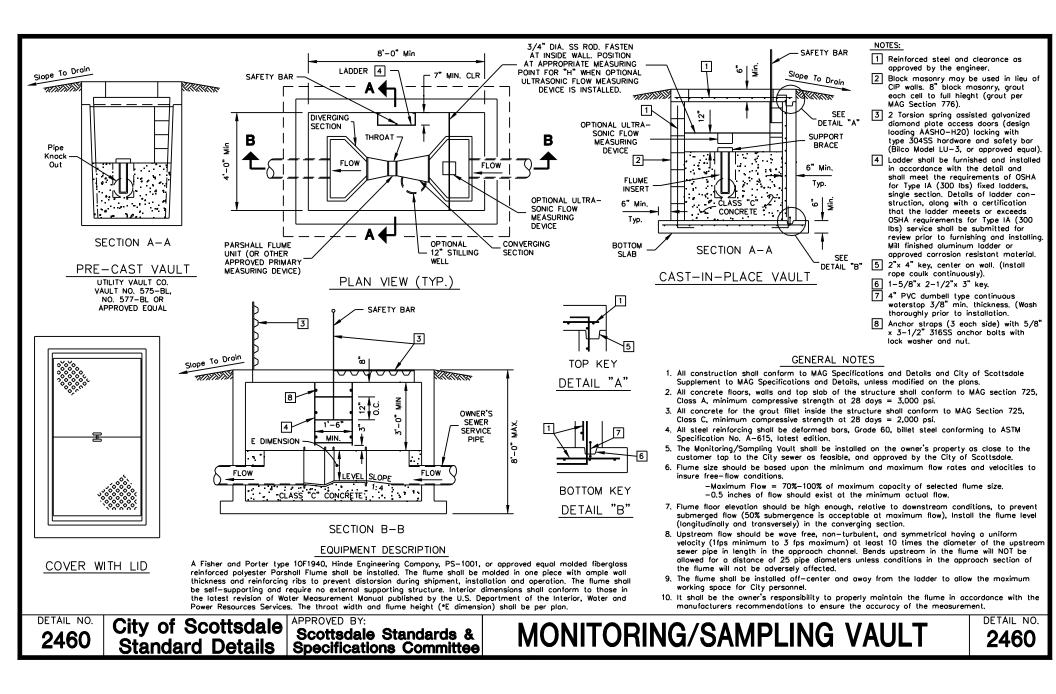


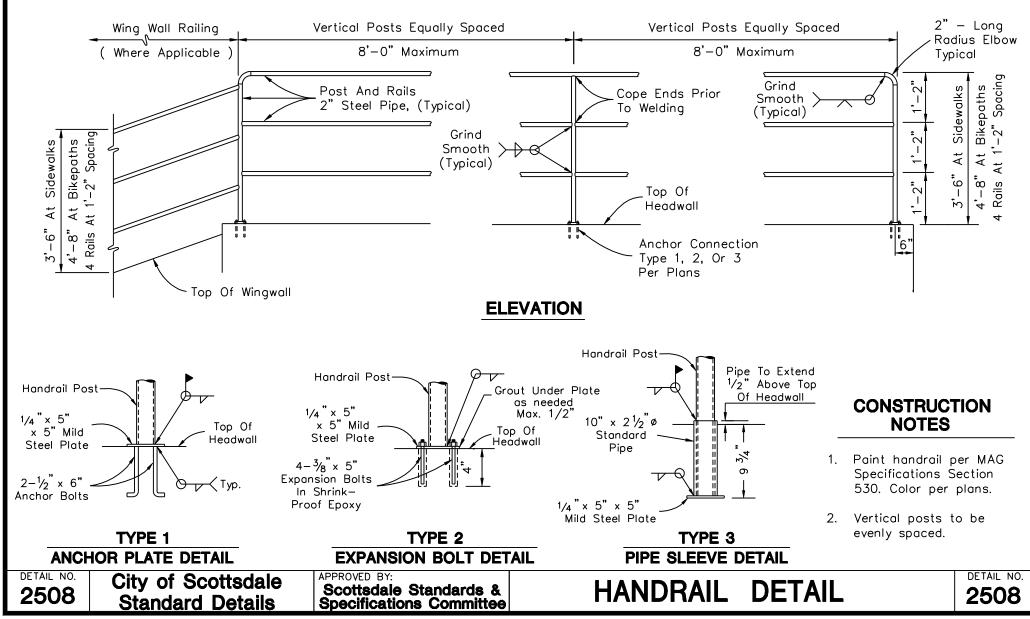




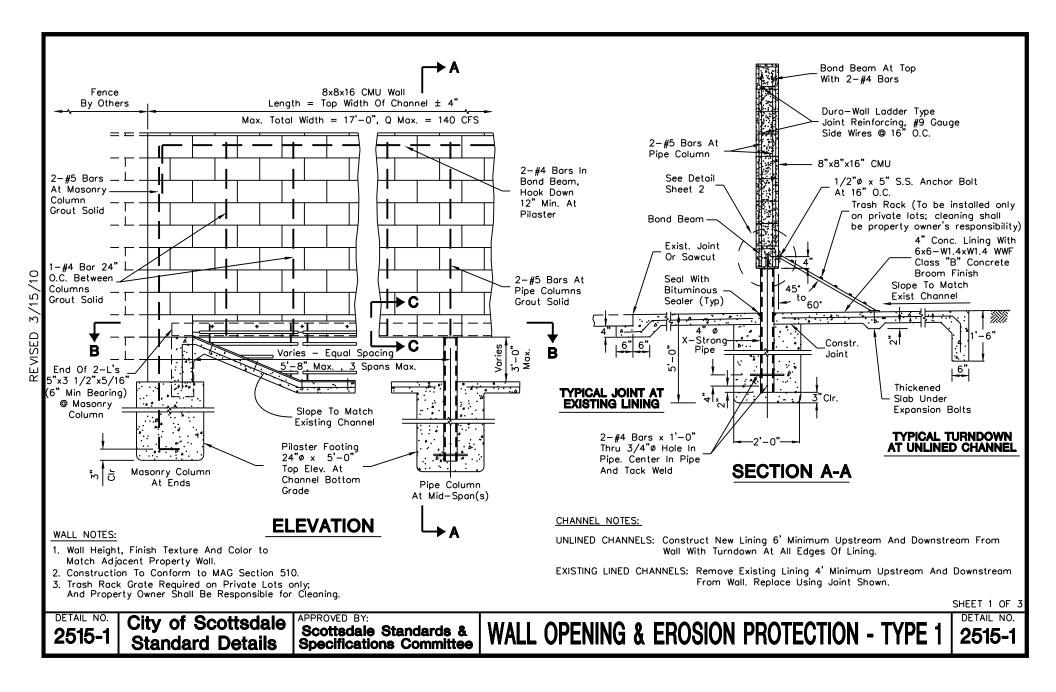


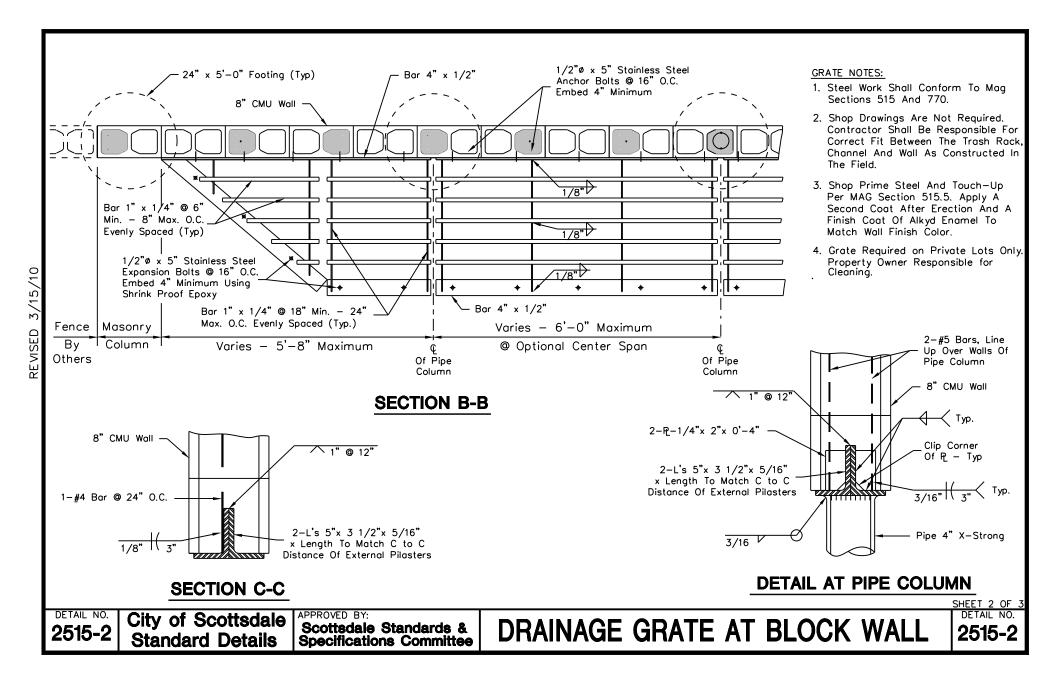


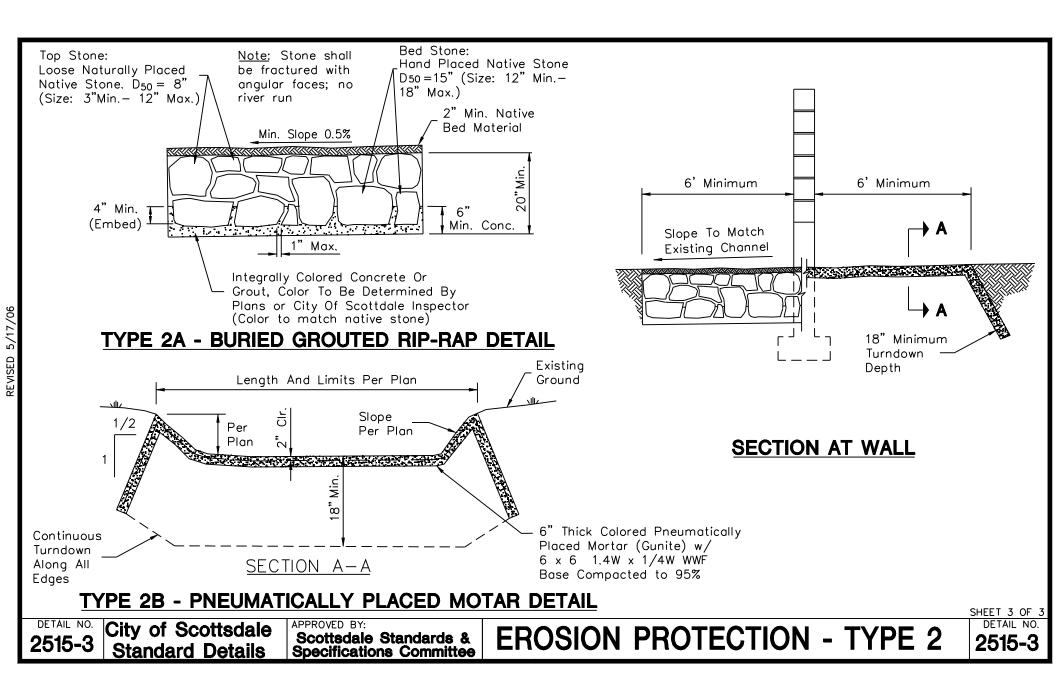


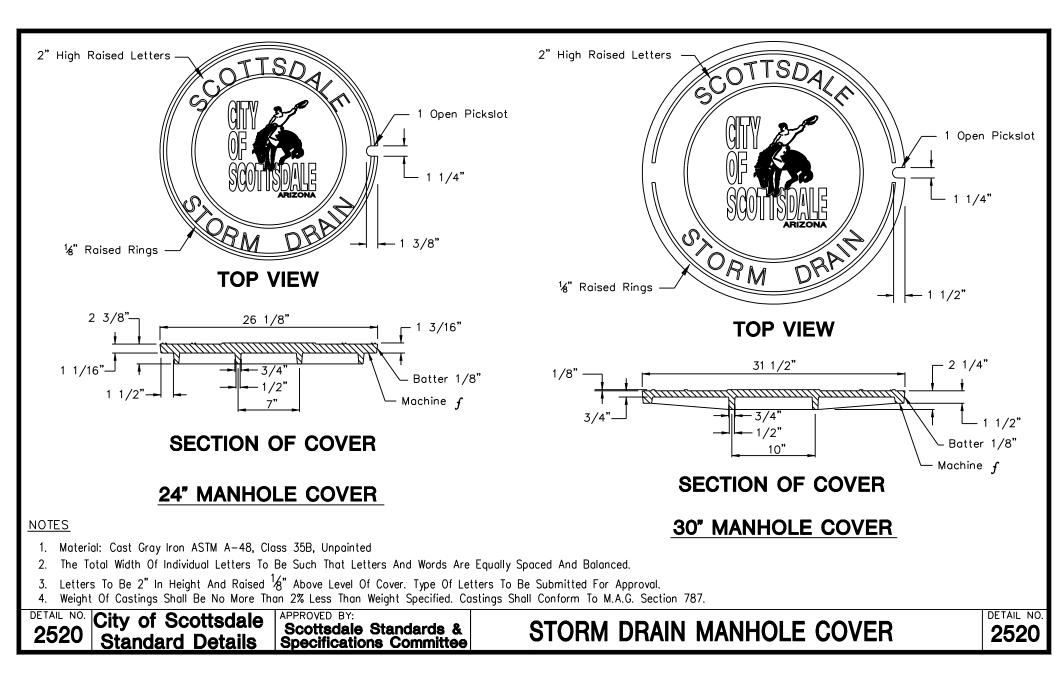


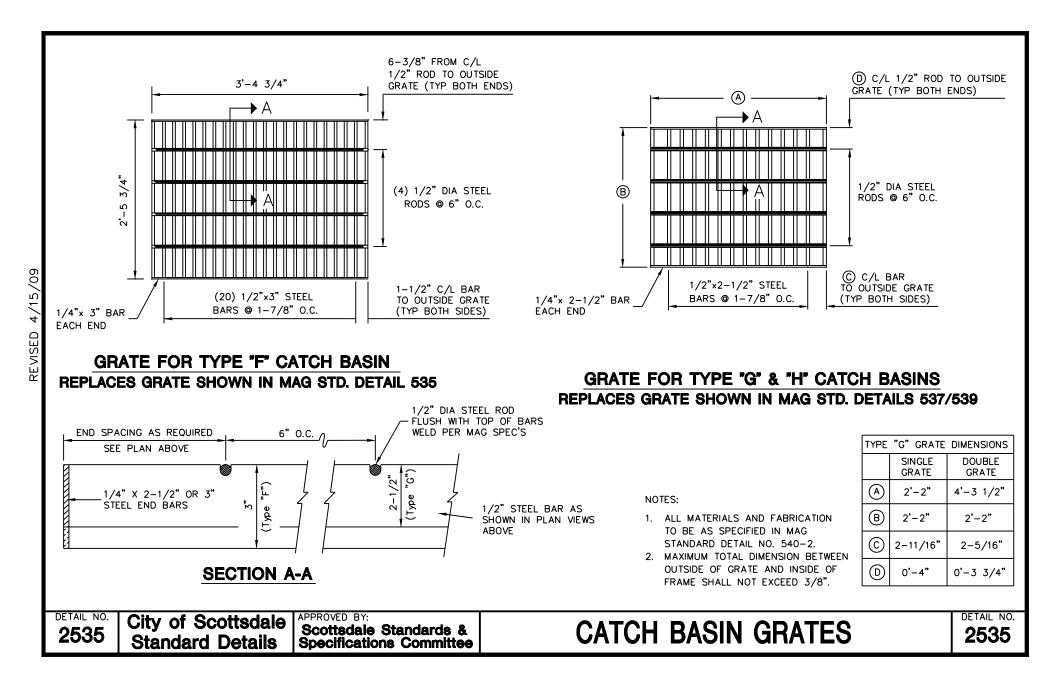
REVISED 3/28/02

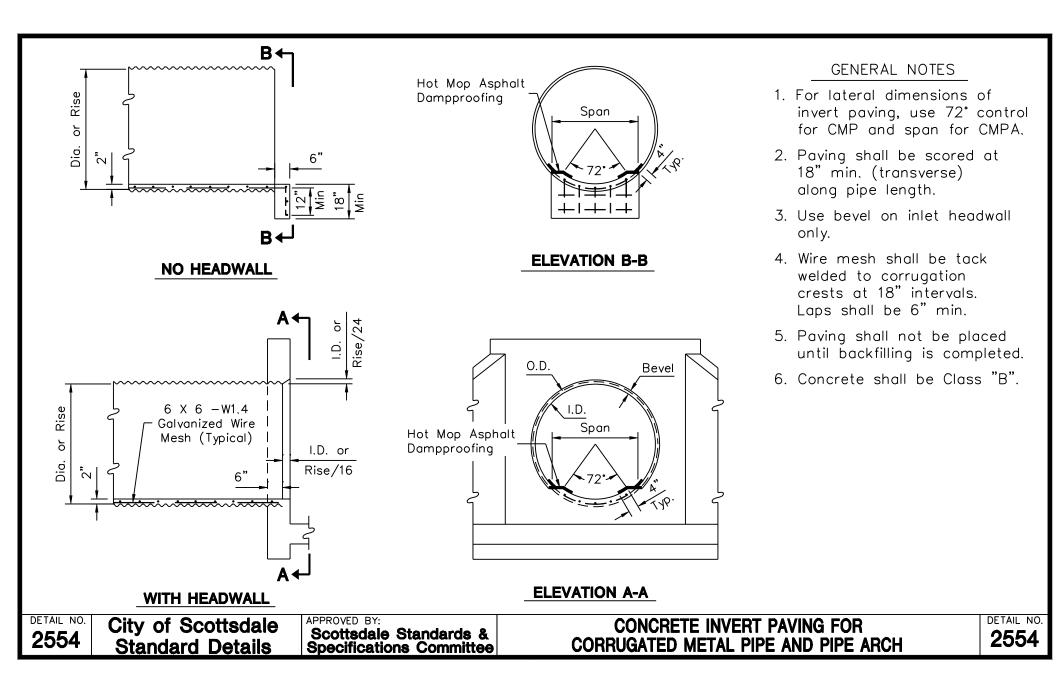


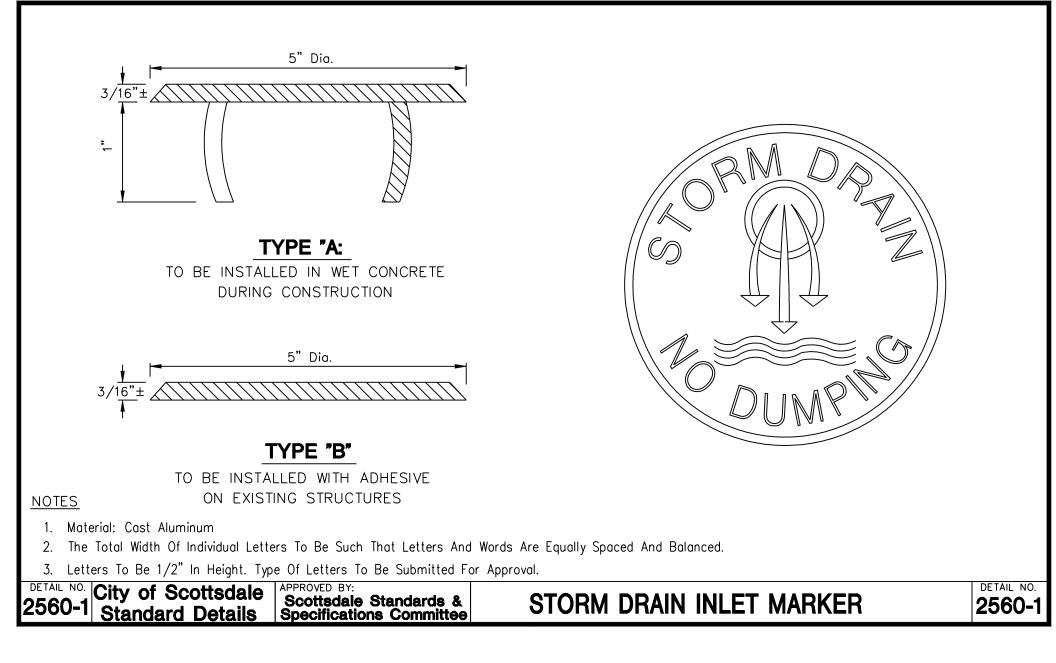


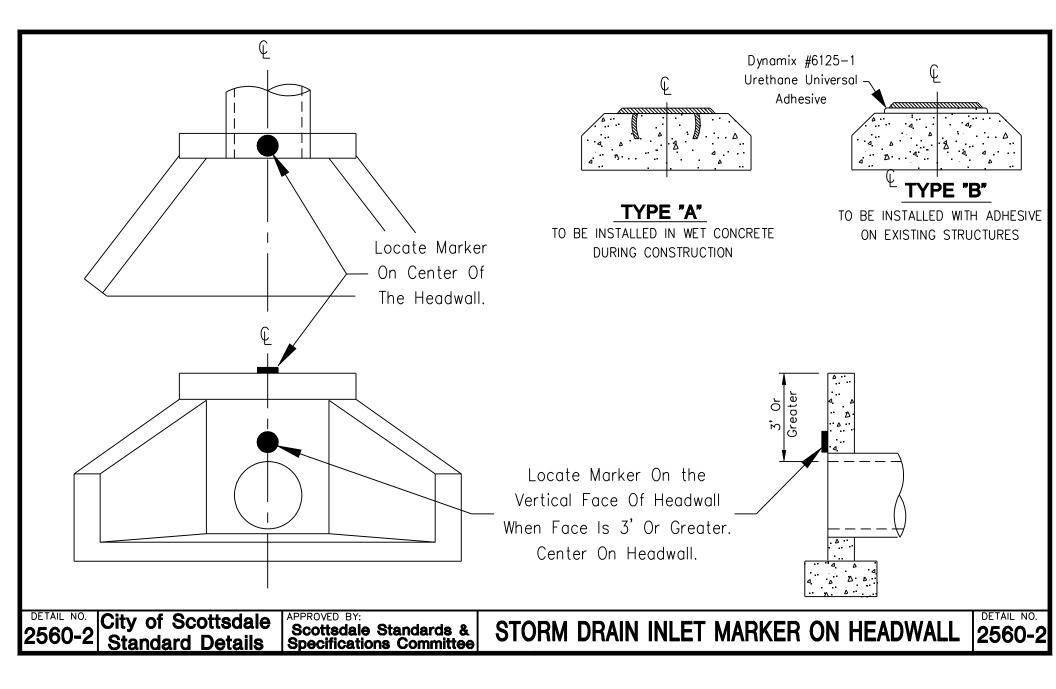


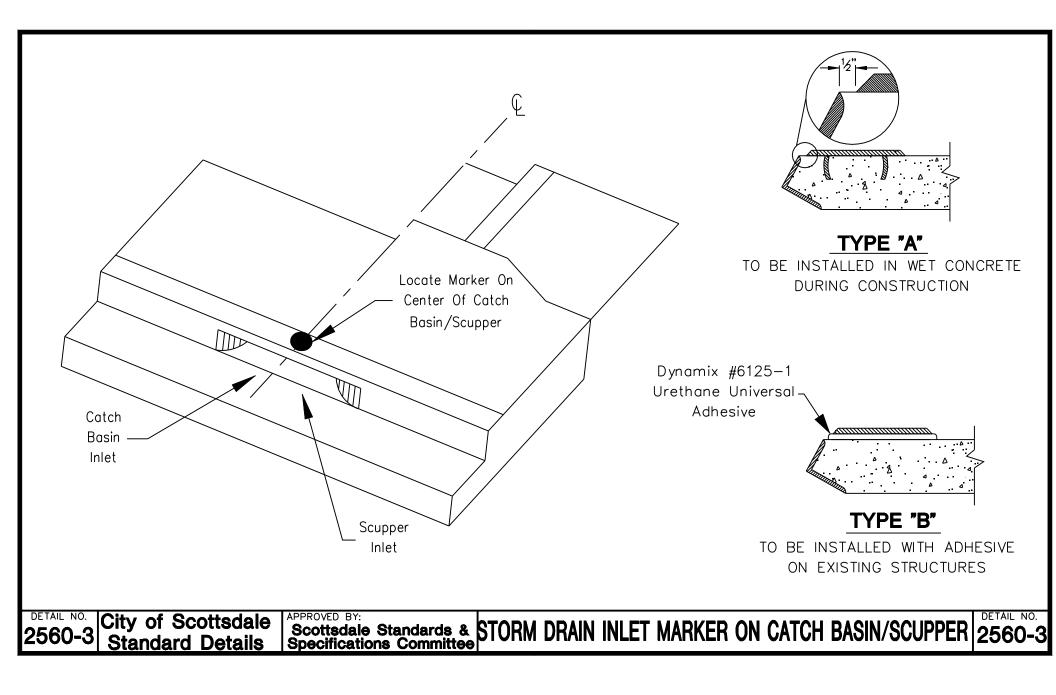


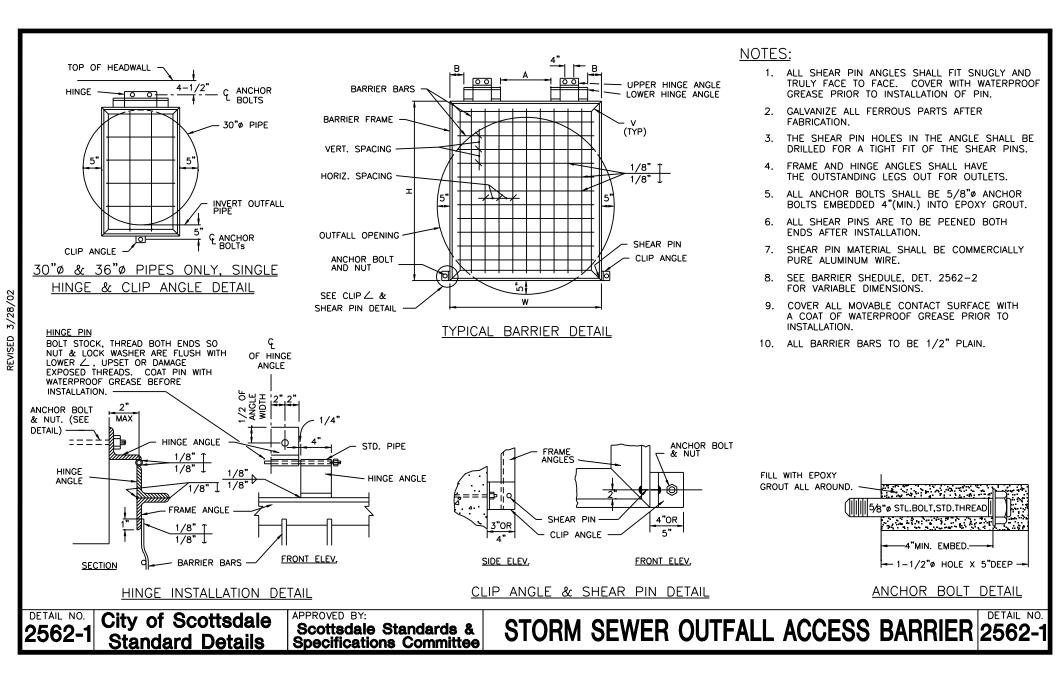








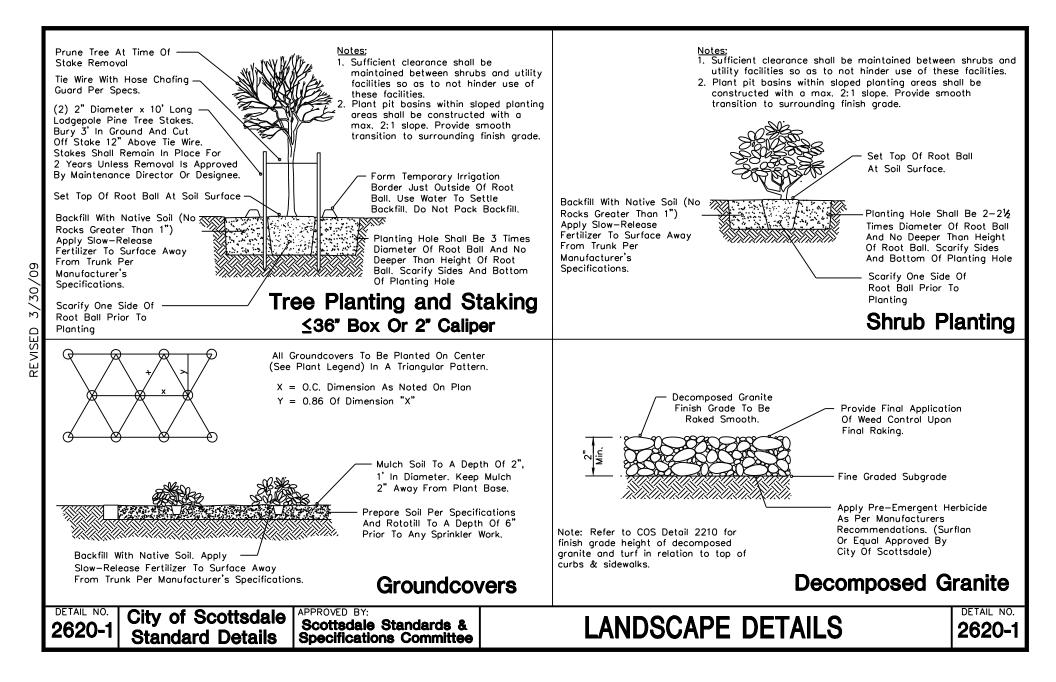


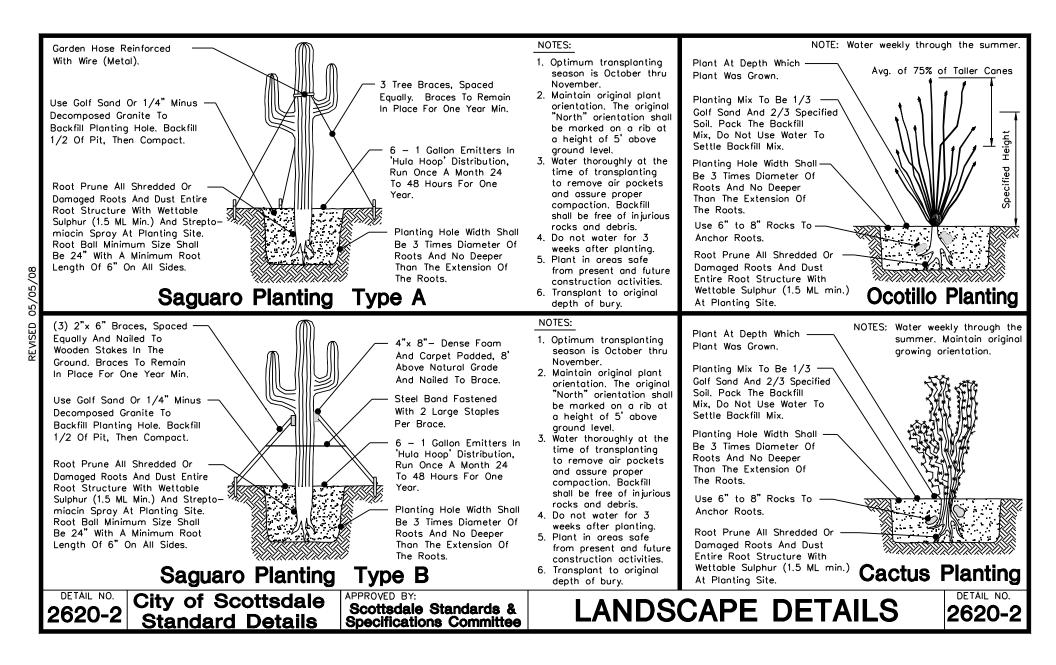


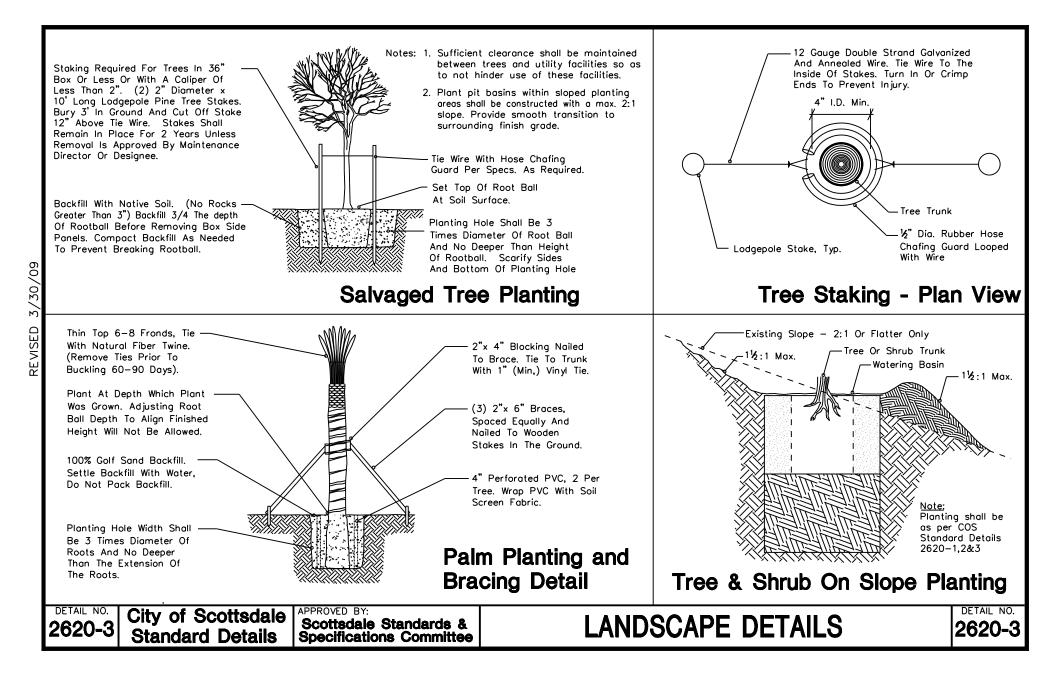
	SIZE OF OUTFALL CONDUIT	FRAME ANGLES	SHEAR PIN CLIP ANGLES	SHEAR PINS	HINGE PINS	HINGE ANGLES	HINGE STD. PIPE	NO. OF EQUAL BARRIER BAR SPACES (HORIZ.)	NO. OF EQUAL BARRIER BAR SPACES (VERT.)	H (OUT TO OUT FRAME ANGLES)	W (OUT TO OUT FRAME ANGLES)	A	В					
	30"	2X2X1/4	4X4X1/4	1-1/8ø	1/2"ø	2X2X1/4	3/4"	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 I	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"					
REV 	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"					
	90"	4X4X5/8	5X3X1/4	2-3/16ø	1"ø	3x3x3/8	1-1/4"	12	13	92"	80"	23"	12"					
	96"	4X4X5/8	5X3X1/4	2-3/16ø	1"ø	3x3x3/8	1-1/4"	12	14	98"	86"	29"	12"					
	* _{N0} -	rE: 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.	1					
	detail no. 2562-2	City of S Standar	Scottsda d Details		D BY: Sdale Star Ications C		BARRIER SPECIFICATIONS SCHEDULE											

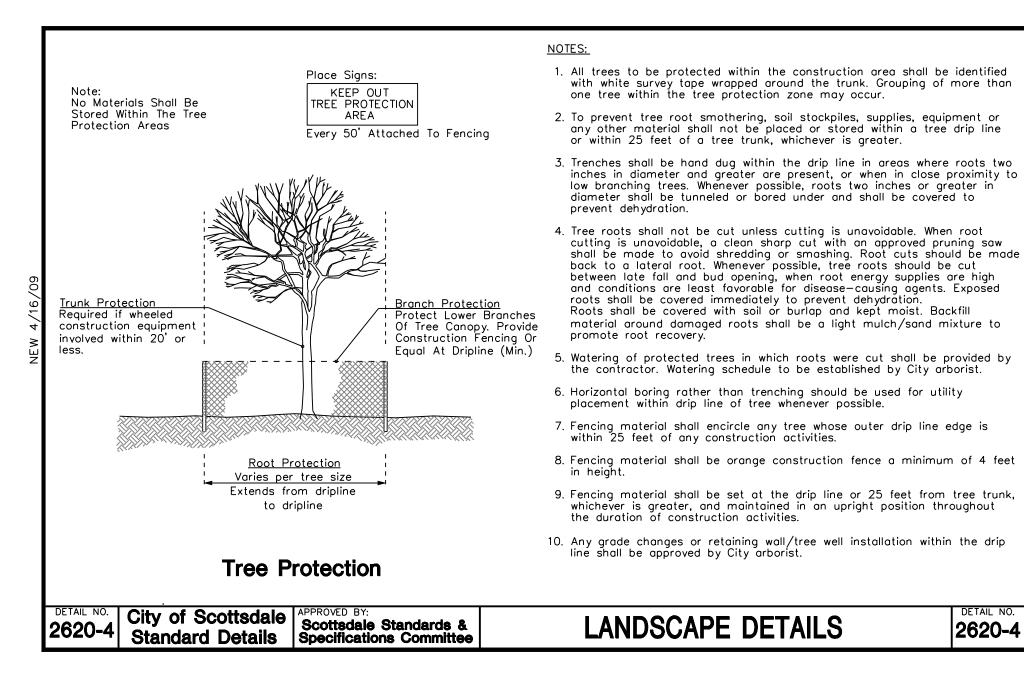
					1			Μ	ININ	UM TREE SIZE	R	EQ	UIF	REM	ENTS					1	1		1	
Name	Size	Height	Width	Caliper	Name	Size	Height	Width	Caliper	Name	Size	Height	Width	Caliper	Name	Size	Height	Width	Caliper	Name	Size	Height	Width	Caliper
ACACIA					<u>IRONWOOD</u>					MESQUITE (Cont.)					OTHER TREES					COOLIBAH	15	7	3	0.7
BERLANDER\	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	
<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	
(ACACIA BERLANDIERI)	30	7	5	1.5	-	30	8	6	2		30	9	6	1.5		30	11	6	3		36	15	6	-
	36	9	6	2	-	36	10	8	2.5	_	36	10	-	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	_	2.5		42	16	9	4	(QUERCUS SUBER)	24	6.5	3	-
(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	-
	36	10	8	2.5	(OLNEYA TESOTA)	24	6	3	1.25		15	6	2	0.75	(PLATANUS WRIGHTII)	24	9	4	1.5	-	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	10170114	36	16	8	3.5	CORRAL GUM	15	6	2.5	-
	30	11	5	2	-	42	11	9	3 3.5	_	36	10	-	2.5	ARIZONA	15	6	3	0.5	(EUCALYPTUS TORQUATA)	24	8	3.5	
	36	13	6 7	2.5	MESQUITE	48	12	10	3.5	-	42	12 14	-	3	SYCAMORE (M)	24	8	4	1	DESERT WILLOW	15	6 7	2	0.7
	42	15	•	3		45			0.75		48		10	3.5	(PLATANUS WRIGHTII)	30	12	/	2	(CHILOPSIS LINEARIS)	24		4	1.2
SHOESTRING (M)	48 15	17 7	8 2.5	4 0.5	CHILEAN MESQUITE (PROSOPIS CHILENSIS)	15 24	6 8	2	0.75	BLUE PALO VERDE (M) (PARKINSONIA FLORIDUM)	15 24	5 7	3	0.5	AUSTRALIAN WILLOW	36 15	15 5	9 3	3 0.75	-	30 36	9 10	6 8	1.7
(ACACIA STENOPHYLLA)	24	9	2.5 4	0.5	(PROSOPIS CHILENSIS)	24 30	。 9	6	2	(PARKINSONIA FLORIDUM)	30	8	4	1.5	WILGA	24	8	4	1.25	DESERT WILLOW (M)	30 15	5	° 3	-
(ACACIA STENOPHTLLA)	24 36	9 13	4	2	-	36	9 10	8	2.5	-	36	。 10	-	2	(GEIJERA PARVIFLORA)	30	。 10	4 5	1.25	(CHILOPSIS LINEARIS)	24	5	5	0.7
SWEET	15	6	2.5	0.75	-	42	10	10	1	-	42	12	_	2.5	(GEIJERA PARVIFLORA)	36	12	5.5	2.5	(CHILOPSIS LINEARIS)	30	9	6	-
(ACACIA SMALLII)	24	8	4	1.5	-	48	14	12			48	14	-	3	CHASTE TREE	15	5	3	0.75		36	10	8	-
(NONCONTERN)	30	9	6	2	CHILEAN MESQUITE (M)	15	5	3	0.5	LITTLE LEAF\	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	_
	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
SWEET (M)	15	5	3	0.5		42	12	11	2.5	LITTLE LEAF\	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	5.9
, ,	30	9	7	1.5	HONEY MESQUITE (M)	15	6	2	0.75	(PARKINSONIA	30	6	5	1.5	, , , , , , , , , , , , , , , , , , ,	36	14	8	2.5	FEATHER BUSH	15	5	3	_
	36	10	9	2	(PROSOPIS -	24	8	4	1.5	MICROPHYLLUM)	36	8	7	2		42	16	9	3.5	FERN OF THE DESERT	24	6.5	4	1.2
	42	12	10	2.5	GLANDULOSA)	30	9	6	2	SONORAN	15	6	2	0.75		48	18	10	3.75	(LYSILOMA THORNBERI)	30	7	6.5	5 2
	48	14	12	3		36	10	8	2.5	(PARKINSONIA PRAECOX)	24	7	4	1.5	CHINESE PISTACHE	15	7	2	0.75		36	8	6	2.5
WILLOW \	15	6	2	0.75		42	12	10	3		30	8	6	2	(PISTACIA CHINENSIS)	24	9	4	1.5	FEATHER BUSH\ FERN	15	4	3	0.7
AUSTRALIAN WILLOW	24	8	4	1.5		48	14	12	3.5	1	36	10	8	2.5		30	10	5	2.5	OF THE DESERT(M)	24	5	5	1
(ACACIA SALICINA)	30	10	5	2	SCREW BEAN (M)	15	5.5	3	0.5		42	11	10	3		36	12	6	3.5	(LYSILOMA THORNBERI)	30	7	7	1.
	36	14	6	2.5	(PROSOPIS -	24	8	4	1		48	12	12	3.5	CHIR PINE\ INDIAN	15	5	3	1		36	8	8	2
					PUBESCENS)	30	9	6	1.5	SONORAN (M)	15	5	2	0.5	LONG LEAF	24	8	4	2					
						36	10	8	2	(PARKINSONIA PRAECOX)	24	7	4	1	(PINUS ROXBURGHII)	30	11	6	2.5					
						42	12	10	3		30	8	6	1.5		36	15	6.5	3.5					
See General Notes						48	14	12	3.5		36	10	8	2		42	17	8	4.5					
On Page 2											42	11	10	2.5		48	20	9	5	Page 1 of 2				
											48	12	12	3										\bot
DETAIL NO.	С	ity	of	Sc	ottsdale APPROVED							Л	-									DET		10.
2600-1 Standard Details Scottsdale Standards & Specifications Committee MINIMUM TREE SIZE REQUIREMENTS 260												nn	1_1											

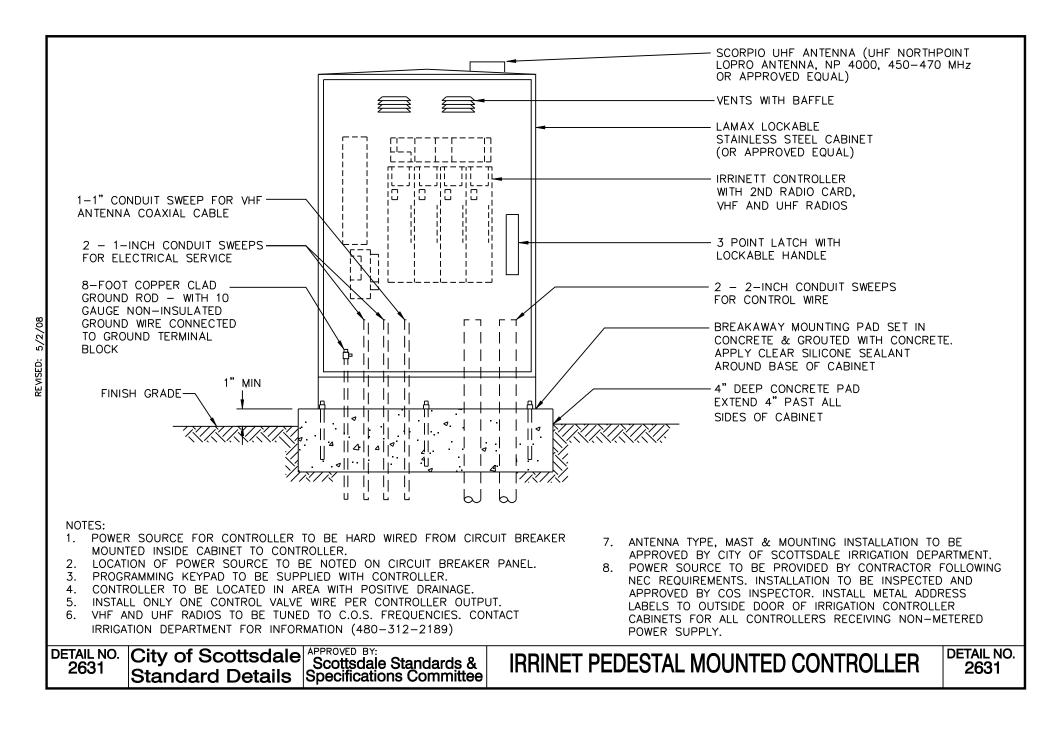
						M	INI	MU	ΜТ	REE SIZE REQ	UIR	EN	/IEI	NTS											
Name	Size	Height	Width	Caliper	Name	Size	Height	Width	Caliper	Name	Size	Height	Width	Caliper	Name	Size	Height	Width	Caliper	Name	Size	Height	Width	Caliper	
FICUS	15	8	2	0.75		15		3	1	RED GUM	15	8	3	1	SILK TREE MIMOSA (M)	15	5	3.5	0.5	SILK TREE MIMOSA	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	_	
	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	-	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	11	8	2	(EUCALYPTUS -	<u> </u>				SHAMEL\ EVERGREEN	15	8	2	1	HERITAGE	24	9	4	1.25			-			
	36	13	10	2.5	SPATHULATA)	+	-	<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	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	3	1.5						
	36	12	8	2.5		48	14	14	4	(GREVILLEA ROBUSTA)	24	10	4	2	FLEXICAULE)	30	7	4	2					<u> </u>	
	42	14	10	3	ORCHID TREE	15	-	2	0.75	(ORE VILLEA RODOUTA)	30	12	6	2.5		36	9	6	2.5					<u> </u>	
N N N N N N N N N N N N N N N N N N N	48	16	12	3.5	(BAUHINIA)	24	9	4	1.25		36	14	7	3		42	10	6	3					+	
	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)										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	-										e. A multitrunk tree is a										
MESCAL BEAN\ TEXAS	15	3	2	0.75											ve the ground for trees						ik tre	es,			
MOUNTAIN LAUREL (M)	24	4	3	1						and trees with caliper of less that 4", the caliper is measured 6" above the ground.															
(SOPHORA -	30	5	4	1.5	4	\vdash	<u> </u>	<u> </u>	<u> </u>	4. Size is listed	as th	e bo	DX SI	ze in	inches except for those	etre	es in	15	gallor	containers.					
SECUNDIFLORA)	36	6	5	2				1	I												1	DET		10	
DETAIL NO.		-			ottsdale Scottsda		tanr	lard	د ۹			Л	ТС			-				MENITO		DETAIL NO.			
2600-2 Standard Details					Details Specifica						MINIMUM TREE SIZE REQUIREMENTS 2600-2											-2			

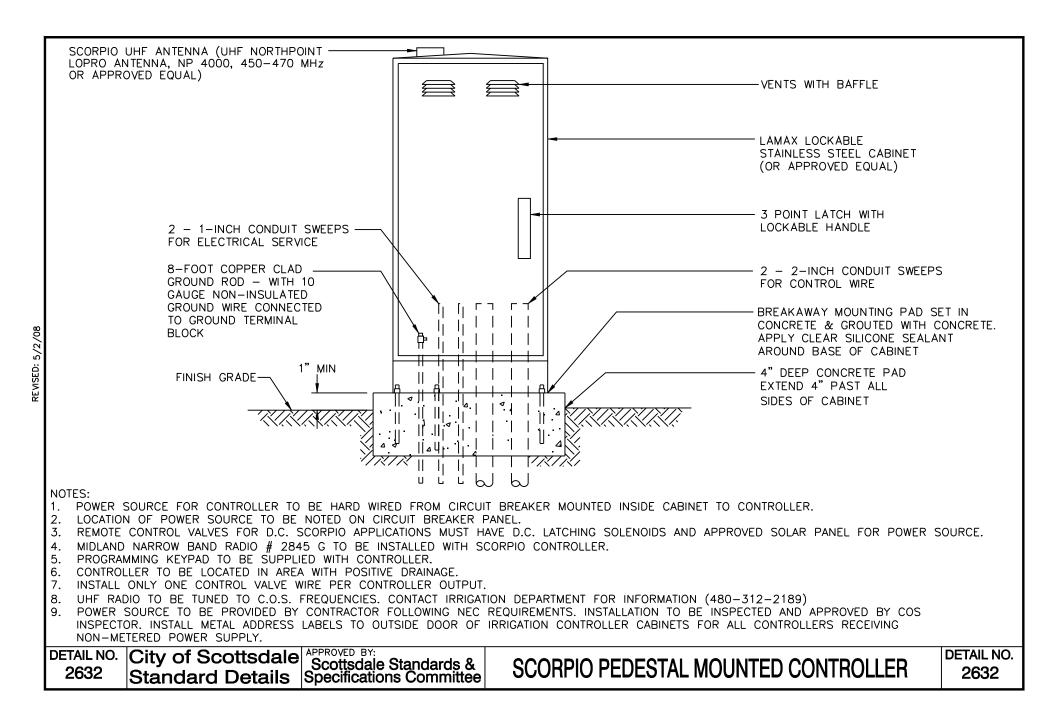


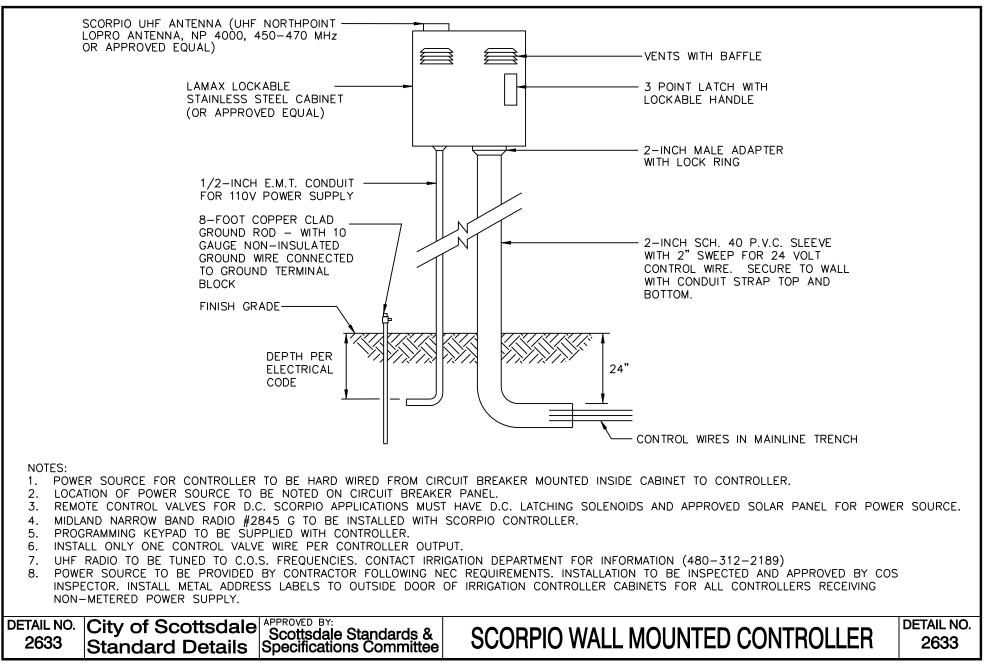


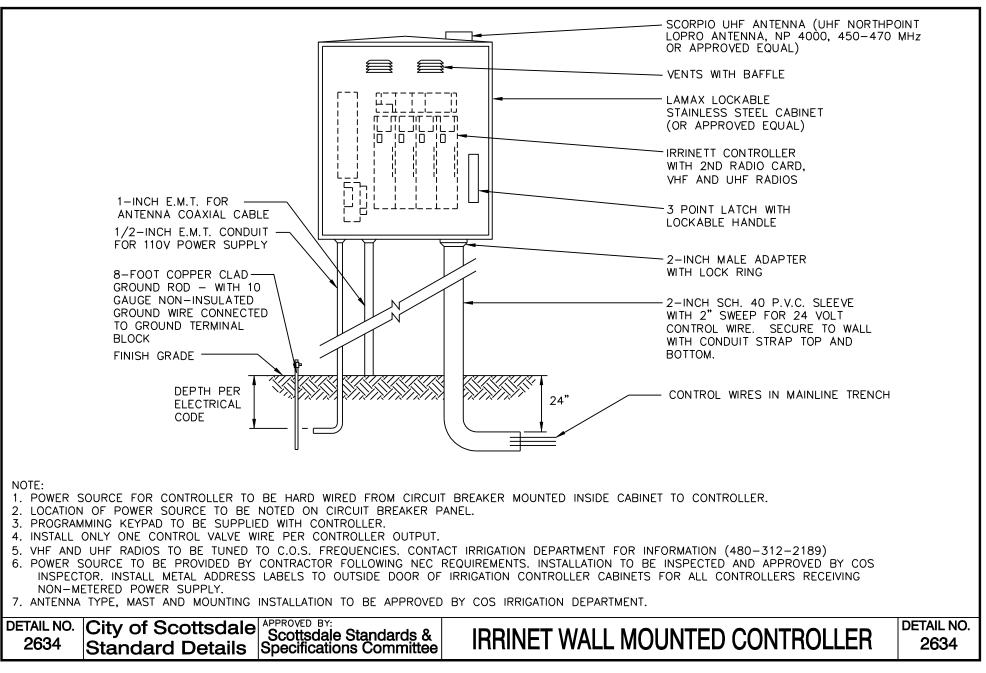


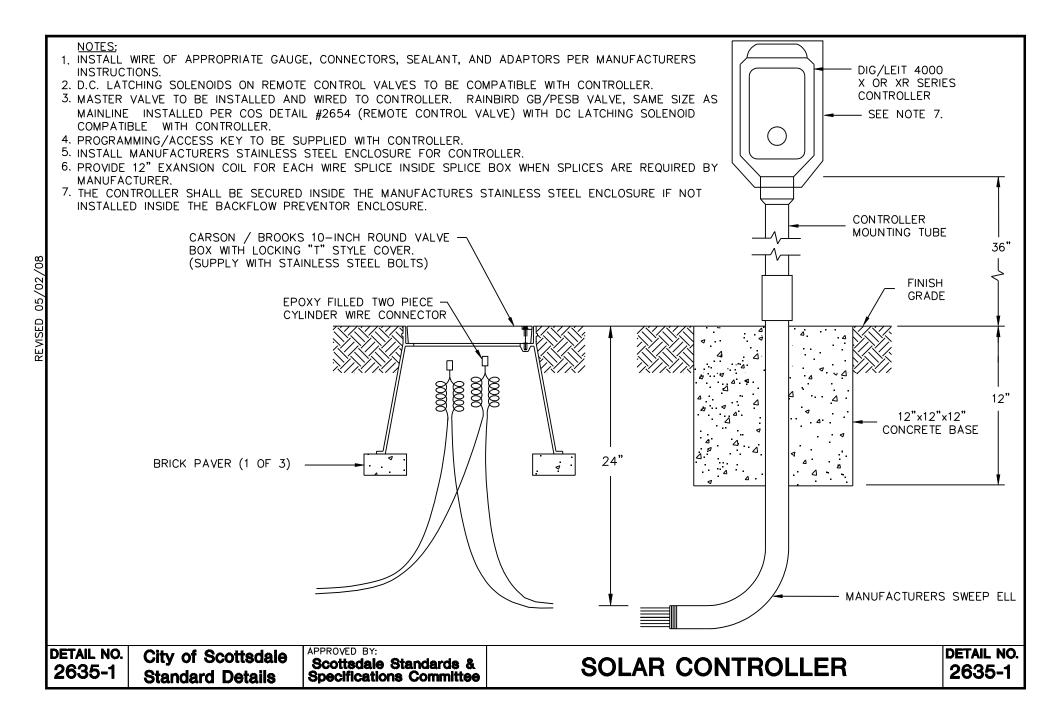


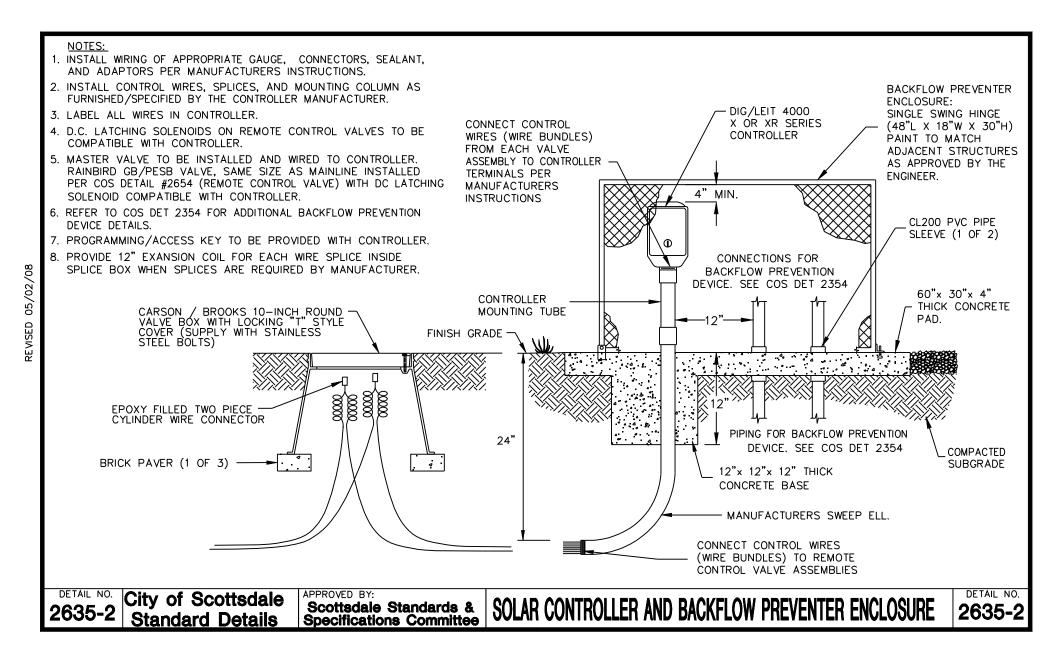


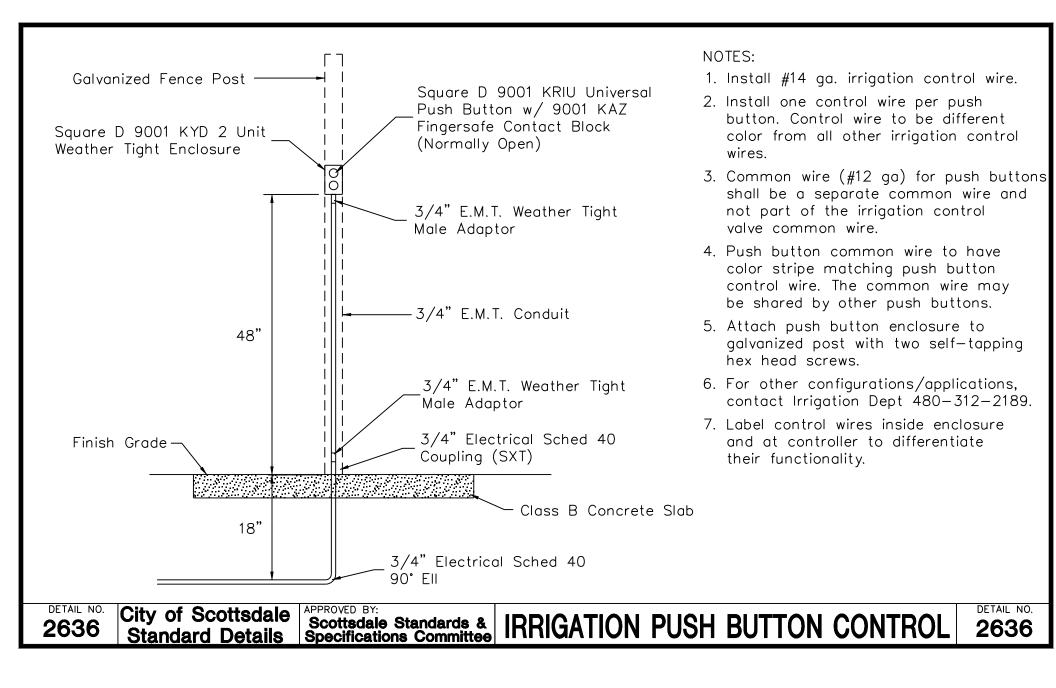


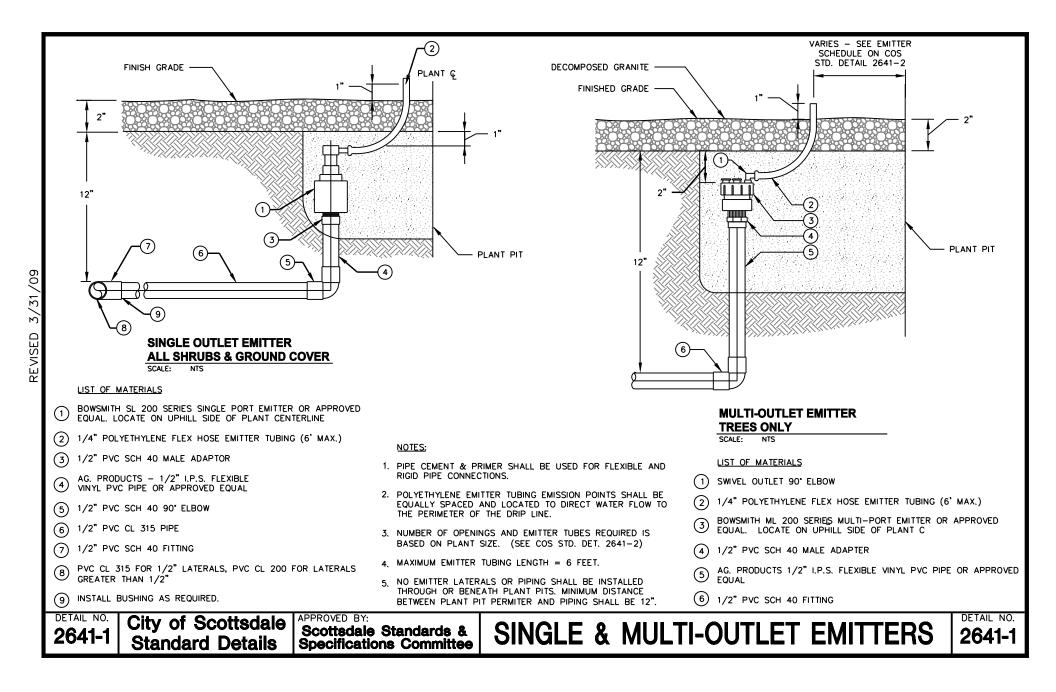


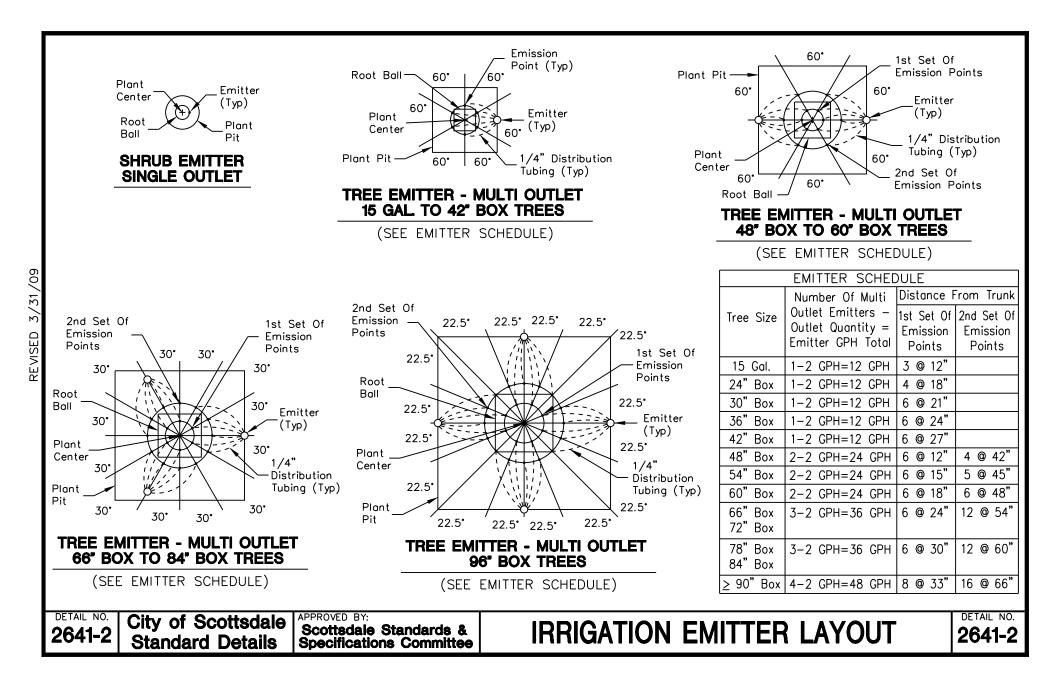


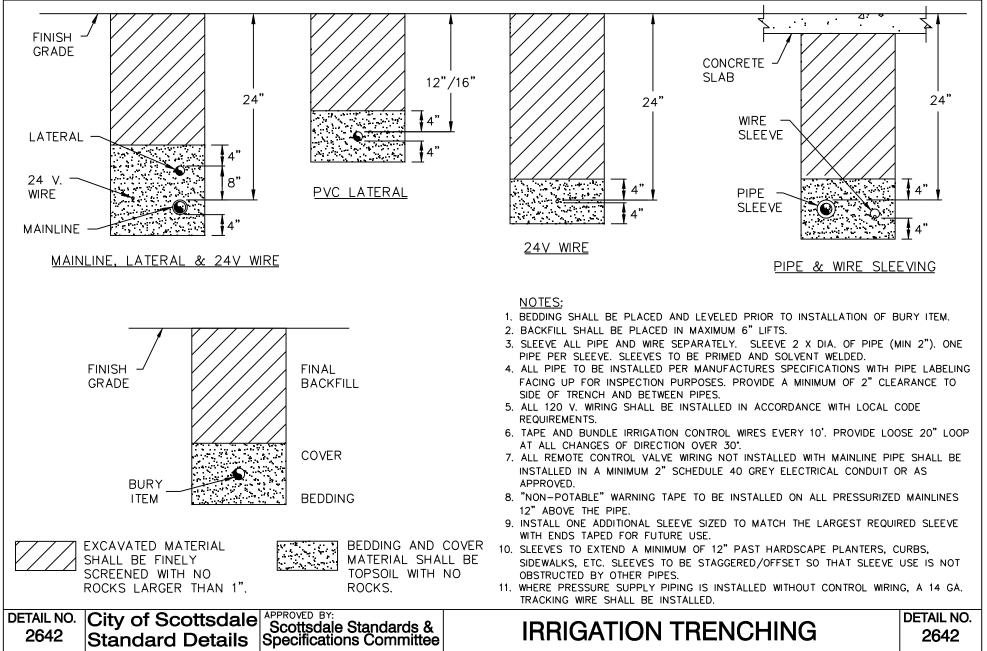




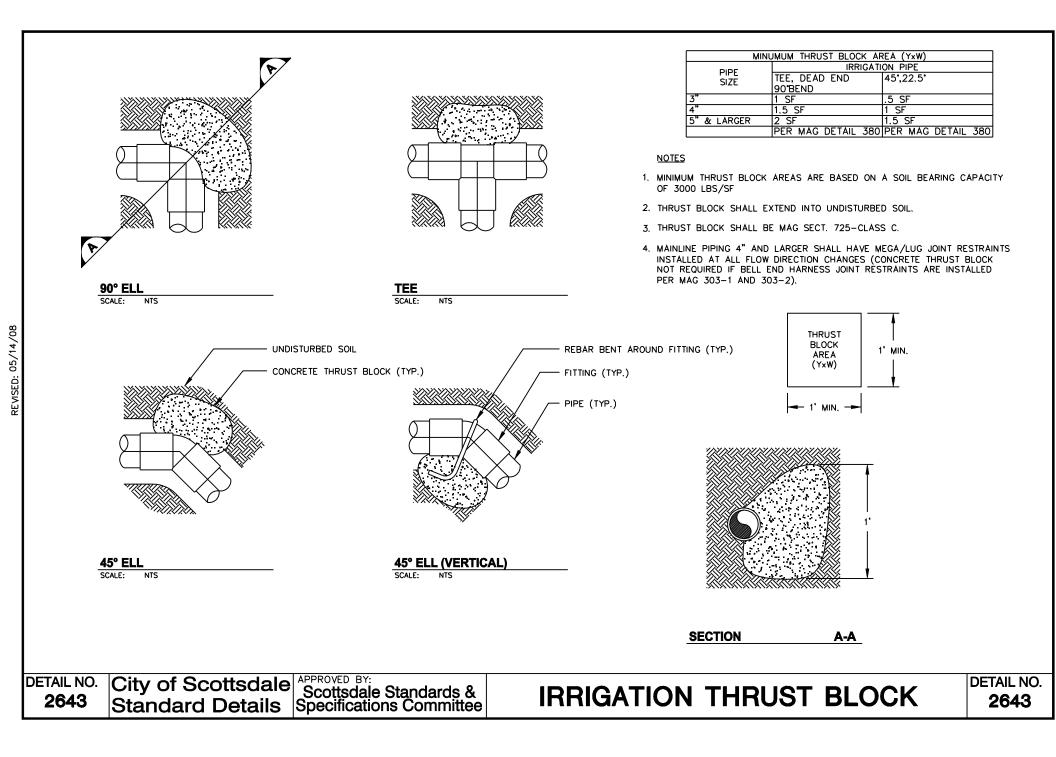


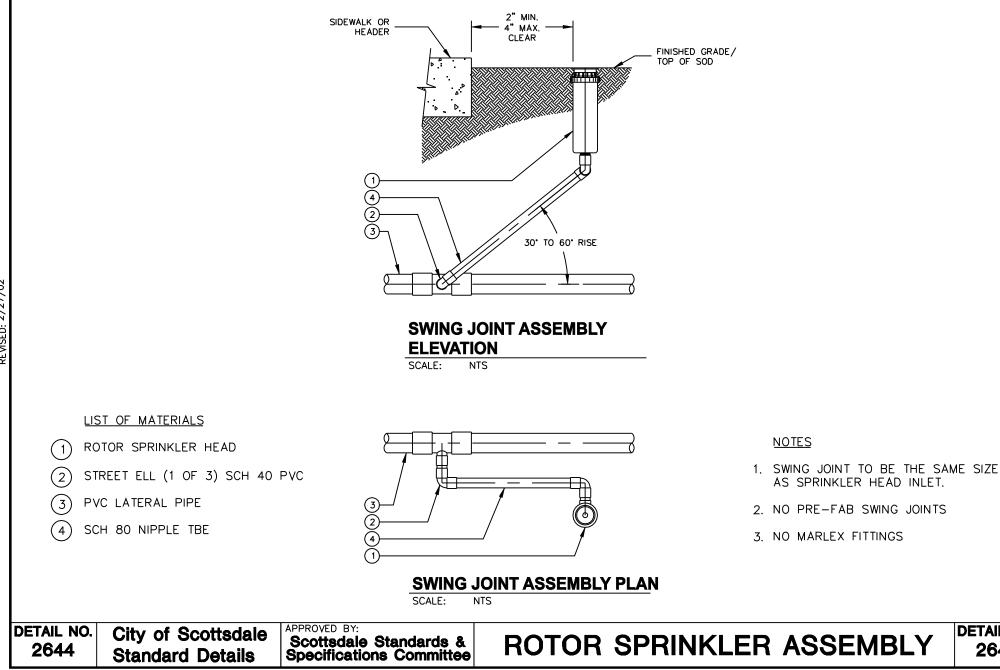






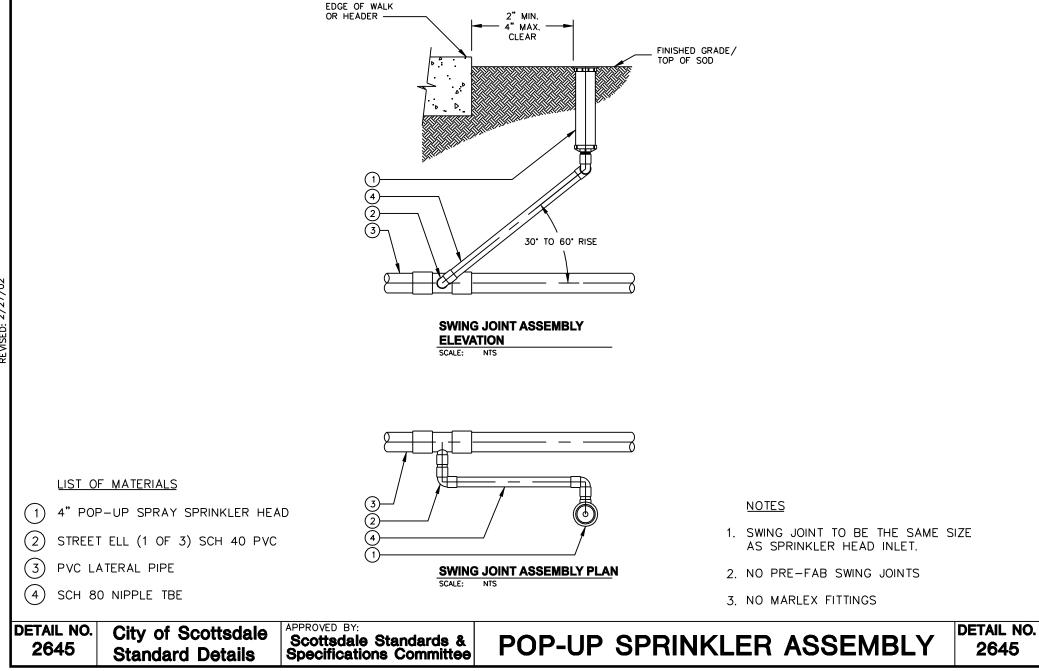
revised: 05/02/08



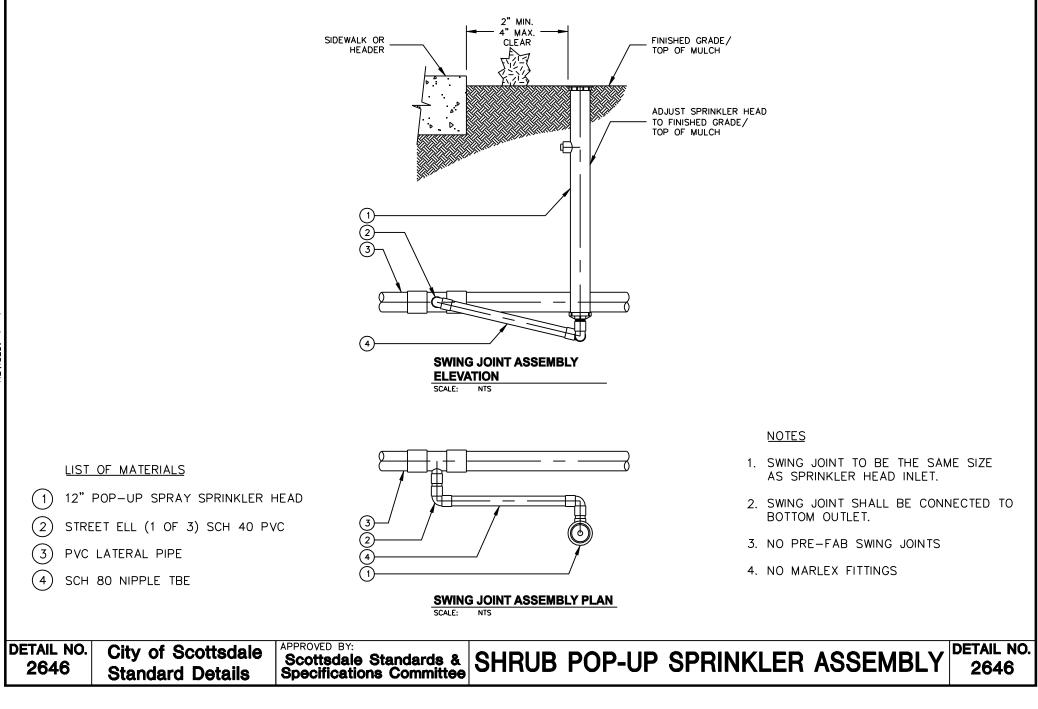


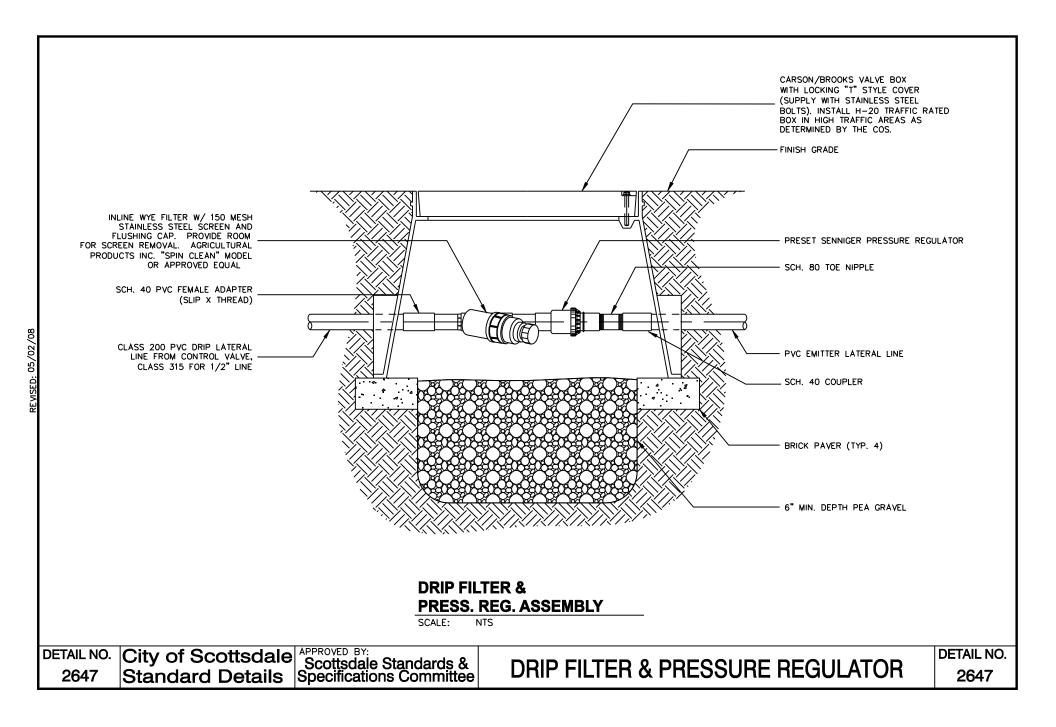
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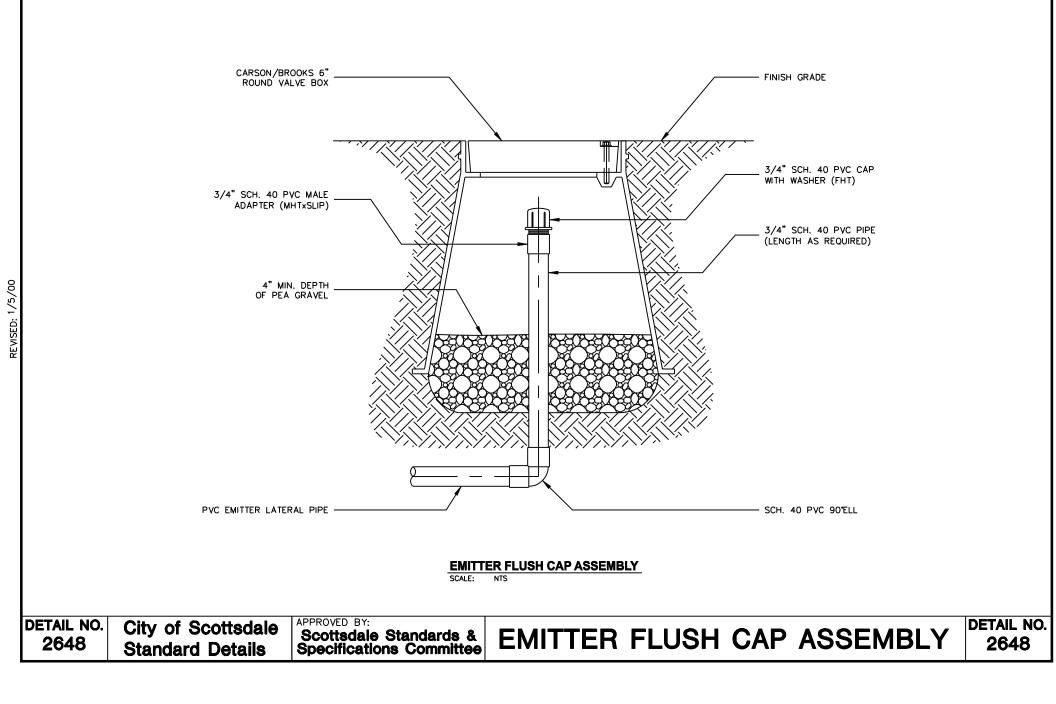
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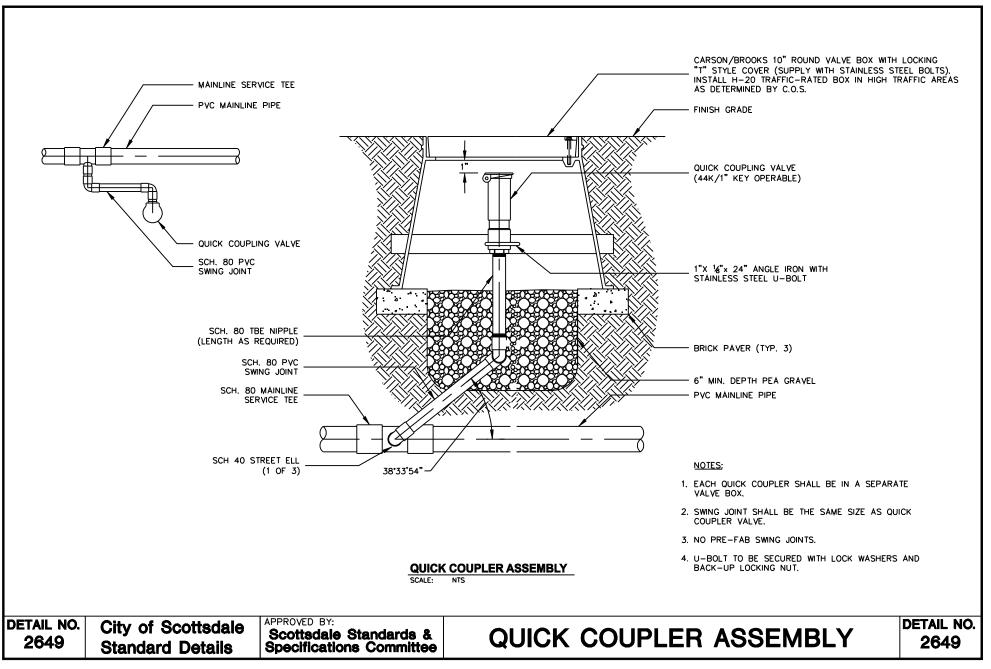


REVISED: 2/27/02

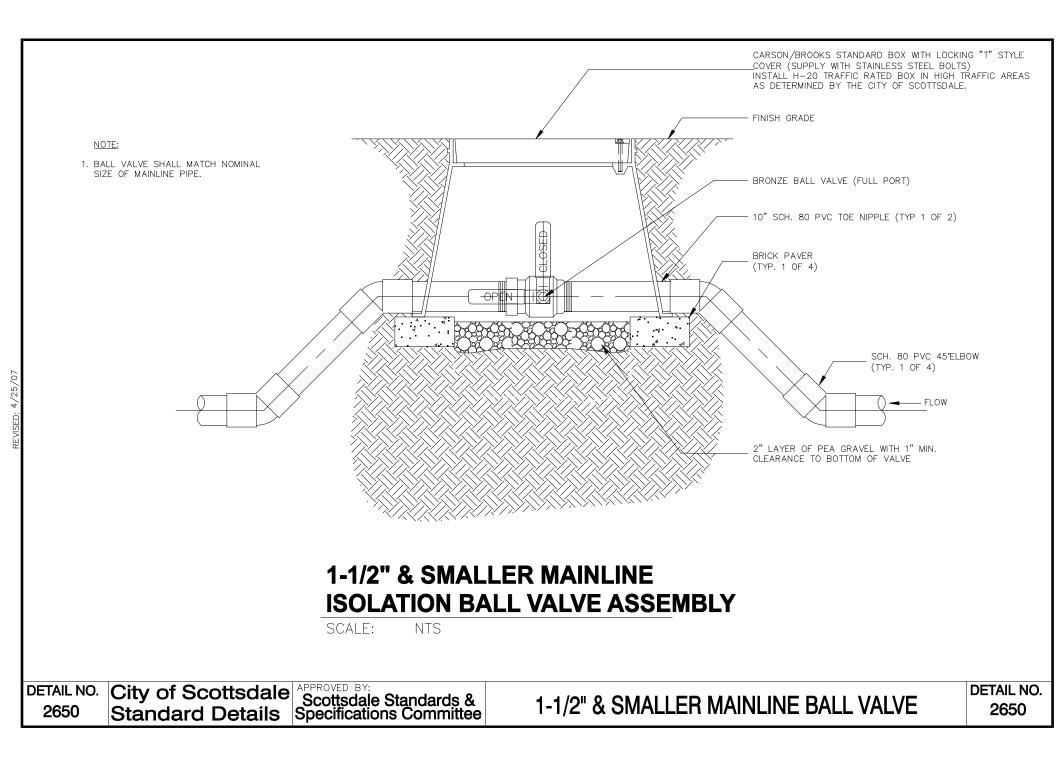


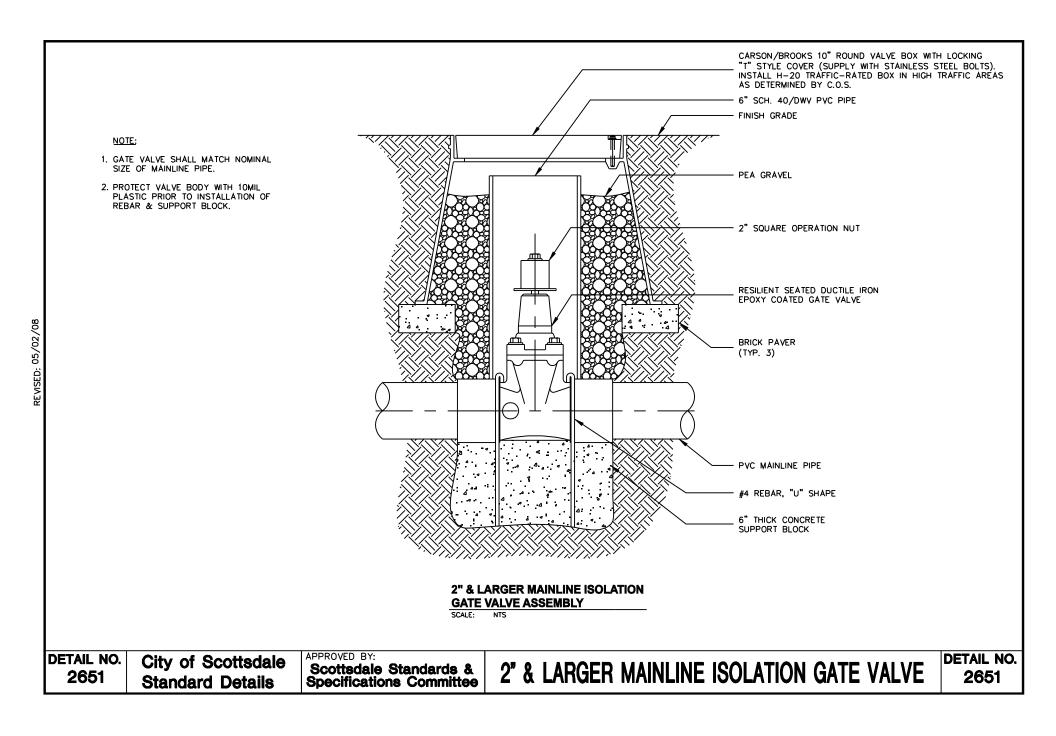


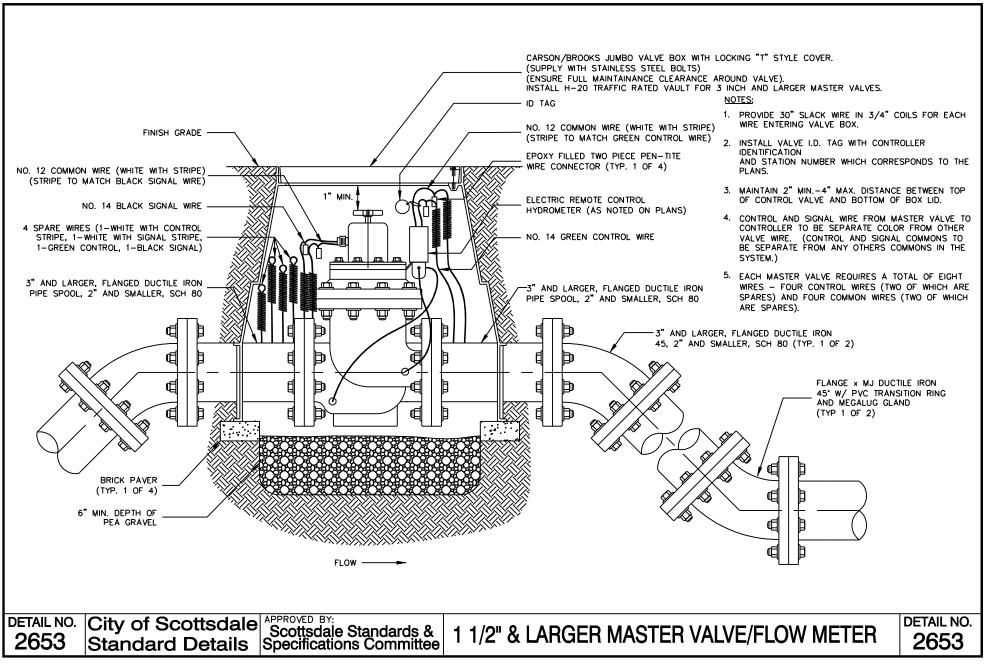




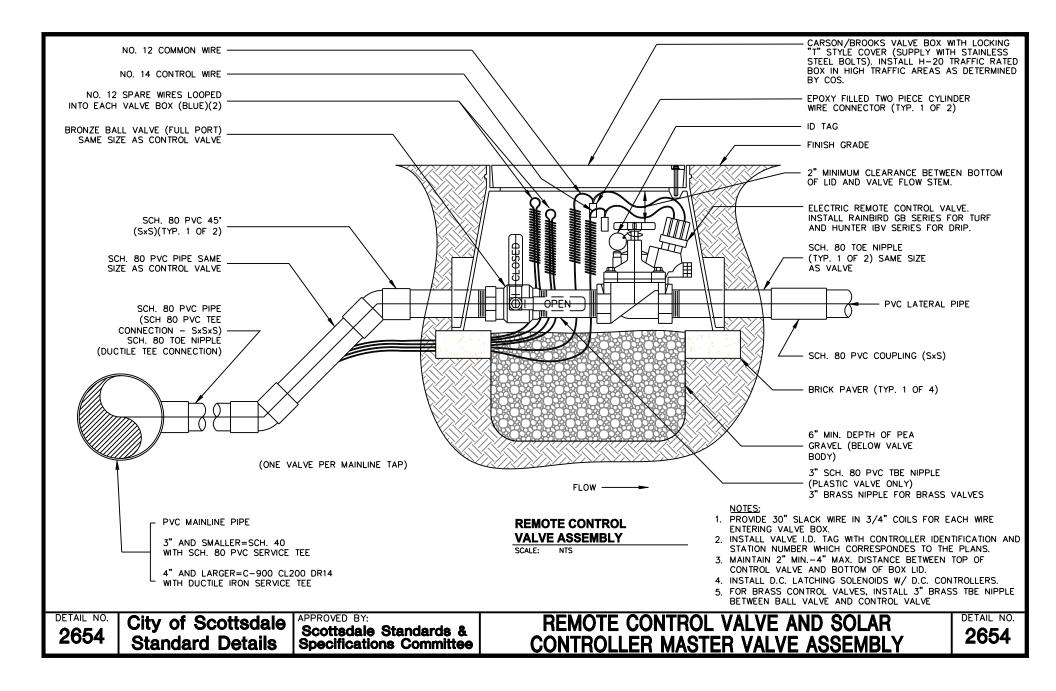
REVISED: 05/02/08

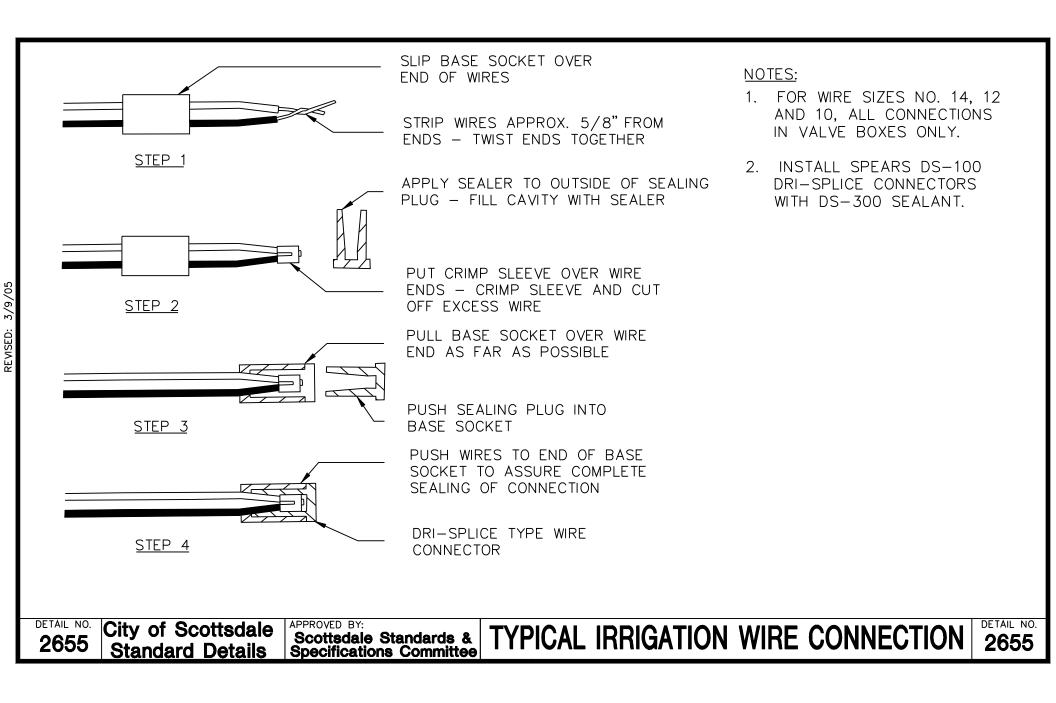






REVISED: 05/05/08





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



