

PAYSON CITY STANDARD PLAN SHEET INDEX

PLAN #	TITLE	SHEETS	REVISED
GENERAL			
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G-1	PAYSON CITY STANDARD CONSTRUCTION NOTES	2	AUG 2022
G-2	PROJECT CONTACT LIST	1	APR 2022
STORMWATER POLLUTION PREVENTION			
SWP-1	SILT FENCE DETAIL	1	JUL 2022
SWP-2	CONSTRUCTION FENCE DETAIL	1	JUL 2022
SWP-3	INLET PROTECTION DETAIL	2	JUL 2022
SWP-4	STABILIZED CONSTRUCTION ENTRANCE DETAIL	1	JUL 2022
SWP-5	CONCRETE WASHOUT DETAIL	2	JUL 2022
SWP-6	SEDIMENT CONTROL LOG DETAIL	1	JUL 2022
SWP-7	STABILIZED STAGING AREA DETAIL	1	JUL 2022
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SWP-9	PORTABLE TOILET	1	JUL 2022
STREET			
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ST-2	STANDARD PLOT PLAN	1	JUL 2022
ST-3	CORNER PEDESTRIAN RAMP	4	APR 2022
ST-4	PAVEMENT RESTORATION	2	APR 2022
ST-5	STREET NAME SIGN AND POST DETAIL	1	JUN 2022
ST-6	MASONRY DUMPSTER ENCLOSURE DETAIL	3	JUL 2022
ST-7	CURB, GUTTER, AND SIDEWALK DETAIL	1	JUL 2022
ST-8	RESIDENTIAL DRIVEWAY APPROACH	3	JUL 2022
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ST-10	ADA ACCESSIBLE PARKING	1	JUL 2022
STORM DRAIN			
SD-1	PRE-TREATMENT STRUCTURE AND SUMP DETAIL	1	APR 2022
SD-2	STORM AND SANITARY SEWER PIPE TRENCH	1	APR 2022
SD-3	CONCRETE COLLAR DETAIL	1	JUL 2022
SD-4	DETENTION / RETENTION BASIN DETAIL	1	APR 2022
SANITARY SEWER			
SS-1	PRECAST SANITARY SEWER MANHOLE	2	APR 2022
SS-2	RECONSTRUCT BRICK MANHOLE	1	APR 2022
SS-3	SEWER LATERAL CONNECTION	2	APR 2022
SS-4	DROP MANHOLE SECTION	1	APR 2022
SS-5	PROCESS WATER PRE-TREATMENT DETAIL	1	JUL 2022

PAYSON CITY STANDARD PLAN SHEET INDEX (CONTINUED)

PLAN #	TITLE	SHEETS	REVISED
WATER			
W-1	FIRE HYDRANT LOCATION AND 6' x 6' CONCRETE APRON	1	APR 2022
W-2	1" PRESSURIZED IRRIGATION METER AND SERVICE	2	JUL 2022
W-3	1-1/2" AND 2" PRESSURIZED IRRIGATION METER AND SERVICE	1	APR 2022
W-4	1" DRINKING WATER METER AND SERVICE	1	APR 2022
W-5	1-1/2" AND 2" DRINKING WATER METER AND SERVICE	1	APR 2022
W-6	WATER MAIN PIPE TRENCH	1	APR 2022
W-7	BACKFLOW PREVENTION ASSEMBLY - 1" THRU 3" PIPE SIZES	1	APR 2022
POWER			
P-1	OVERHEAD SERVICES - 200 AMP MAX - SINGLE PHASE AND THREE PHASE	1	APR 2022
P-2	UNDERGROUND SERVICES - 200 AMP MAX - SINGLE PHASE AND THREE PHASE	3	APR 2022
P-3	UNDERGROUND SERVICES - ABOVE 200 AMP - MULTIPLE METERED UNITS	2	APR 2022
P-4	UNDERGROUND SERVICES - ABOVE 200 AMP - DEDICATED TRANSFORMER	1	APR 2022
P-5	UNDERGROUND SERVICES - ABOVE 200 AMP - SINGLE METER SECONDARY SERVICE	1	APR 2022
P-6	CONCRETE TRANSFORMER PAD - THREE PHASE TRANSFORMER	3	APR 2022
P-7	PAD SWITCH SLEEVE	1	APR 2022
P-8	STREET LIGHT POLE AND BASE DETAIL	1	APR 2022

GENERAL NOTES

1. ALL CONSTRUCTION TO CONFORM TO PROJECT'S CURRENT SPECIFICATIONS AND DETAILS. THE SPECIFICATIONS ORDER OF PRIORITY IS: CONSTRUCTION DRAWINGS, SPECIAL PROVISIONS, PAYSON CITY STANDARD PLANS, APWA STANDARDS, AND SUMMARY.
2. PRIVATE DEVELOPMENTS MUST COMPLY WITH PAYSON CITY STANDARDS AND SPECIFICATIONS UNTIL THE START OF THE 1-YEAR FINAL INSPECTION.
3. EXISTING UTILITIES ARE SHOWN BASED ON BEST INFORMATION AVAILABLE AT THE TIME OF DESIGN. PAYSON CITY IS NOT RESPONSIBLE FOR INACCURACIES IN THE LOCATIONS OR SIZE OF UTILITY SHOWN. NOTIFY BLUE STAKES (811) PRIOR TO ANY EXCAVATION.
4. PROTECT ALL EXISTING UTILITIES (WATER, FIBER OPTIC, AND DRAINAGE SERVICES AND ACCESS ROADS, ETC.) DURING CONSTRUCTION AND ENSURE THEY REMAIN IN PLACE AND OPERATIONAL (UNLESS OTHERWISE NOTIFIED BY PROPERTY OWNER). DEPTHS OF DRY UTILITIES ARE APPROXIMATE. POT HOLE TO ASSESS LOCATION OF UTILITIES.
5. IDENTIFY DAMAGED ITEMS WITHIN THE CONSTRUCTION BOUNDARIES PRIOR TO BEGINNING CONSTRUCTION. REPLACE ANY ITEM DAMAGED, NOT IDENTIFIED PRIOR TO BEGINNING CONSTRUCTION, AT NO COST TO THE CITY. PROVIDE VIDEO OF THE SITE BEFORE CONSTRUCTION.
6. MAINTAIN SAFE CONSTRUCTION PROCEDURES AND WORKING CLEARANCES AT ALL TIMES WHILE WORKING NEAR POWER LINES. FOLLOW ALL APPLICABLE OSHA STANDARDS. PROPER SIGNAGE IS REQUIRED AT CONTRACTOR'S EXPENSE.
7. VERIFY ALL DIMENSIONS BEFORE STARTING WORK. IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES.
8. UNLESS DETAILED, SPECIFIED, OR OTHERWISE INDICATED ON THE DRAWINGS, CONSTRUCTION REQUIREMENTS ARE IN THE APPLICABLE TYPICAL DETAILS AND GENERAL NOTES. TYPICAL DETAILS APPLY EVEN WHEN NOT REFERENCED AT SPECIFIC LOCATIONS ON THE DRAWINGS.
9. CONSULT WITH THE ENGINEER WHERE NO CONSTRUCTION DETAILS ARE SHOWN OR NOTED FOR ANY PART OF WORK.
10. PRESERVE AND PROTECT ALL SURVEY MONUMENTS. CONTACT COUNTY SURVEYORS OFFICE TO RESET SURVEY MONUMENTS TO FINISH GRADE.
11. PRESERVE, RESTORE, OR REPLACE ALL EXISTING FENCES, ROADS, DRIVE APPROACHES, CULVERTS, MAIL BOXES, LANDSCAPING, EROSION CONTROL BLANKETS, DITCHES, SIGNS, K-RAIL, ETC. TO PRE-CONSTRUCTION CONDITION.
12. NOTIFY AT LEAST 48 HOURS IN ADVANCE THE CITY CONSTRUCTION INSPECTOR, THE FIRE CHIEF AND THE POLICE CHIEF OF ANY ROAD CLOSURES THAT HAVE BEEN APPROVED BY THE CITY ENGINEER RELATING TO THE PROJECT. A SIGNED AND APPROVED ROAD CLOSURE PERMIT IS REQUIRED.
13. REQUEST ANY CHANGES TO THE PLANS IN WRITING TO THE CITY ENGINEER FOR APPROVAL PRIOR TO MAKING THE CHANGES. DESIGN CHANGE REQUESTS MUST BE STAMPED BY THE PROJECT ENGINEER.
14. DO NOT PERFORM ANY WORK NEAR UTILITY LINES WITHOUT FIRST CONTACTING THE RELATED UTILITY COMPANY AND ALLOWING A REPRESENTATIVE OF THE RELATED UTILITY COMPANY TO OBSERVE THE WORK IF REQUESTED.

RIGHT-OF-WAY NOTES

15. SUBMIT FOR ACCEPTANCE TO CITY ENGINEER A TRAFFIC CONTROL PLAN FOR THE PROJECT'S TRAFFIC MAINTENANCE THAT MEETS MUTCD STANDARDS.
16. PROTECT EXISTING ASPHALT FROM CONSTRUCTION EQUIPMENT DAMAGE. REPLACE DAMAGED PAVEMENT AT THE DIRECTION OF THE PUBLIC WORKS DIRECTOR OR DESIGNEE.
17. DO NOT TRESPASS PRIVATE PROPERTY ALONG THE PROJECT. SECURE ACCESS IN WRITING FROM OWNERS TO PROPERTIES, RESIDENCES AND BUSINESSES DURING CONSTRUCTION. MAINTAIN TRAFFIC TO LOCAL RESIDENTS AT ALL TIMES.

STORMWATER NOTES

1. LENGTHS SHOWN ON PLAN SHEETS ARE HORIZONTAL.
2. ALL PIPE IN THE PAYSON CITY RIGHT-OF-WAY TO BE REINFORCED CONCRETE OR POLYVINYL CHLORIDE PIPE. HIGH DENSITY POLYETHYLENE PIPE IS NOT PERMITTED.
3. PROVIDE UPDES SWPP PERMIT AND NOI PRIOR TO PRE-CONSTRUCTION MEETING. KEEP THE PERMIT ON THE PROJECT FOR REVIEW.
4. ALL SWPP BMPS TO BE IN PLACE AND APPROVED PRIOR TO START OF CONSTRUCTION.
5. SWPP BMPS TO BE REMOVED AND STORM DRAIN TO BE CLEANED AND CCTV INSPECTION PERFORMED BY A THIRD PARTY PRIOR TO FINAL ACCEPTANCE.
6. STORM PIPE TO BE INSPECTED AND SURVEYED PRIOR TO BACKFILL. NOTIFY CITY 48 HOURS IN ADVANCE OF ANY REQUIRED INSPECTION.

SANITARY SEWER NOTES

7. SEWER PIPE TO BE INSPECTED AND SURVEYED PRIOR TO BACKFILL. NOTIFY CITY 48 HOURS IN ADVANCE OF ANY REQUIRED INSPECTION.
8. DROP MANHOLES ARE NOT PERMITTED WITHOUT PRIOR APPROVAL FROM THE CITY ENGINEER.
9. ALL SEWER PIPE TO BE GREEN SDR35 PVC PIPE. CORROSION RESISTANT PIPES AND MANHOLES ARE REQUIRED ON ALL LINES WITH HIGH HYDROGEN SULFIDE CONTENT OR AT THE DISCRETION OF THE PUBLIC WORKS DIRECTOR OR DESIGNEE.
10. COUPLINGS TO BE DOUBLE BAND, SHIELDED ADJUSTABLE REPAIR COUPLINGS IN COMPLIANCE WITH ASTM C 1173. NO CAST IRON FITTINGS PERMITTED.
11. INSTALL CONCRETE COLLAR FLUSH WITH MANHOLE RIM. CONCRETE COLLAR TO BE 1/4" BELOW PAVEMENT. SLOPE COLLAR FROM OUTSIDE EDGE TOWARDS THE MIDDLE TO THE RING AND COVER.
12. ALL SEWER TO BE CLEANED, AIR TESTED, AND CCTV INSPECTION PERFORMED BY A THIRD PARTY PRIOR TO FINAL ACCEPTANCE.

13. DURING CLEANING, BLOCK CONNECTION TO EXISTING CITY SEWER SYSTEM TO PREVENT DEBRIS FROM ENTERING THE SYSTEM.

WATER AND PRESSURIZED IRRIGATION NOTES

14. ALL PIPE TO BE DR18 PVC PIPE MEETING AWWA C900 SPECIFICATIONS. DRINKING WATER LINES TO BE BLUE, PRESSURIZED IRRIGATION LINES TO BE PURPLE.
15. SERVICE LATERALS TO BE 1" MINIMUM CTS POLY PIPE. DRINKING WATER SERVICES TO BE BLUE, PRESSURIZED IRRIGATION SERVICES TO BE PURPLE.
16. ALL WATER LINES TO BE INSPECTED AND SURVEYED PRIOR TO BACKFILL. NOTIFY CITY 48 HOURS IN ADVANCE OF ANY REQUIRED INSPECTION.
17. TRACER WIRE REQUIRED ALONG ALL PIPES AND LATERALS 2" DIAMETER OR GREATER. TAPE TRACER WIRE TO PIPE BELLS. CONTINUITY TO BE TESTED AND APPROVED PRIOR TO FINAL ACCEPTANCE. ANY ISSUES WITH TRACER WIRE CONTINUITY WILL BE REPAIRED AT CONTRACTOR'S EXPENSE.
18. TRACER WIRE AT VALVES SHALL BE BROUGHT NEAR SURFACE ON THE OUTSIDE OF VALVE BOX. NOTCH A HOLE ON THE UPPER SLEEVE AND FEED TRACER WIRE INTO VALVE BOX.
19. ALL METAL FIXTURES AND APPURTENANCES MUST BE WRAPPED IN 20 MIL BLACK POLYWRAP.

ELECTRICAL NOTES

20. ALL WORK AND MATERIALS TO CONFORM TO NATIONAL ELECTRIC CODE AND PAYSON CITY STANDARDS.
21. ALL POWER CONDUITS TO BE GRAY SCH 40 PVC OR APPROVED EQUAL.
22. NO OTHER UTILITY IS PERMITTED IN GRAY CONDUIT.
23. COORDINATE ALL ELECTRICAL WORK WITH PAYSON CITY POWER.

PAYSON CITY CONTACTS

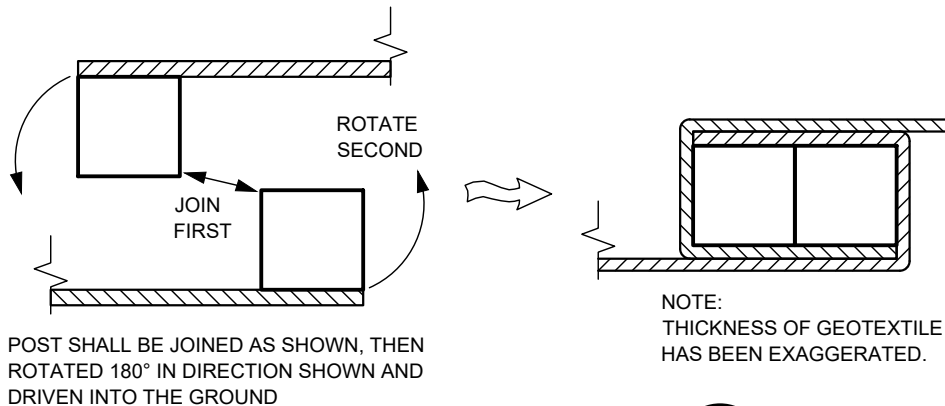
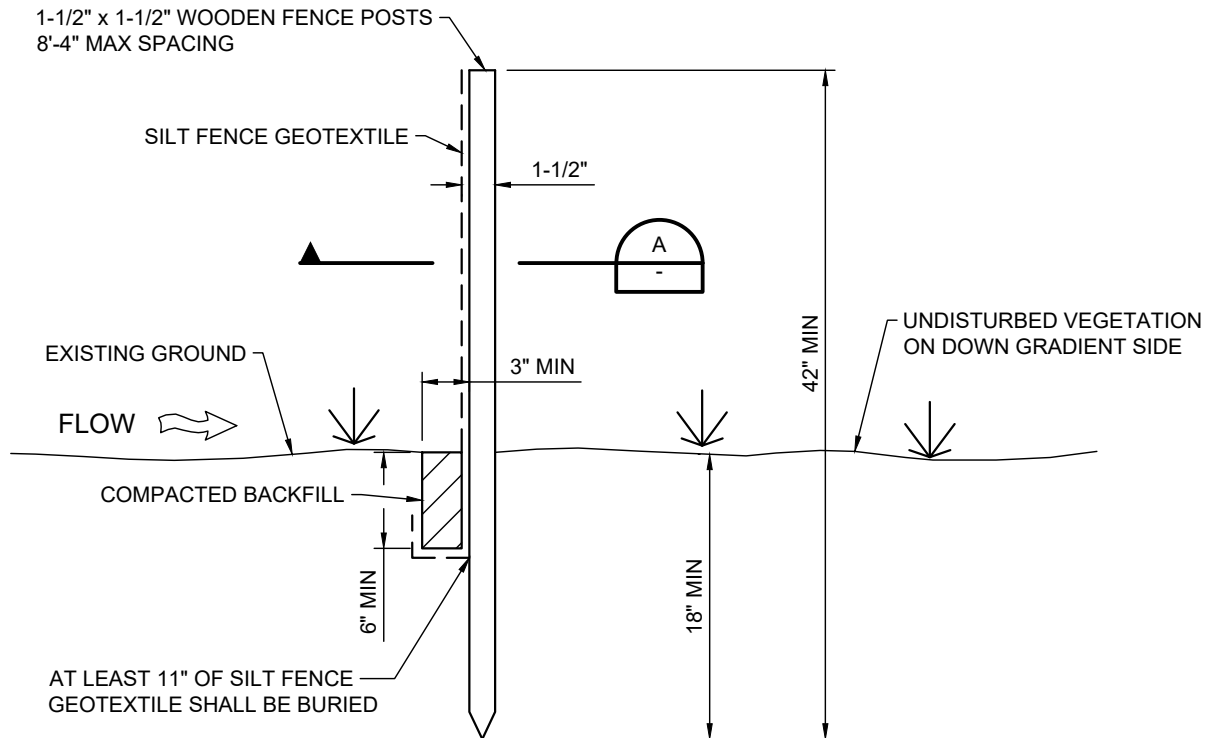
COMPANY / DEPARTMENT	NAME	TITLE	PHONE
DEVELOPMENT SERVICES	JILL SPENCER	CITY PLANNER	801-465-5233
DEVELOPMENT SERVICES	JON SNELGROVE	BUILDING INSPECTOR	801-465-5129
DEVELOPMENT SERVICES	MARTY DARGEL	DEVELOPMENT SERVICES EXECUTIVE ASSISTANT	801-465-5214
DEVELOPMENT SERVICES	ROBERT MILLS	DEVELOPMENT SERVICES DIRECTOR	801-465-5268
ENGINEERING	JOE JAMISON	GIS ADMINISTRATOR	801-465-5266
ENGINEERING	JONATHAN KNIGHT	DEVELOPMENT ENGINEER	385-895-8410
ENGINEERING	TRAVIS JOCKUMSEN	PW DIRECTOR / CITY ENGINEER	801-465-5235
FIRE	SCOTT SPENCER	FIRE CHIEF	801-465-5251
POLICE	BRAD BISHOP	POLICE CHIEF	801-465-5240
POWER	BRAD KEARL	ELECTRICAL DISTRIBUTION SUPERINTENDENT	801-465-5270
POWER	BRIAN STEVENSON	POWER PLANT SUPERINTENDENT	801-465-5274
PUBLIC WORKS	DEBBIE BUSHNELL	PUBLIC WORKS EXECUTIVE ASSISTANT	801-465-5217
PUBLIC WORKS	KYLE ANDERSON	PUBLIC WORKS INSPECTOR	801-465-5217
SEWER	JEFF HIATT	SEWER SYSTEM SUPERINTENDENT	801-465-5277
SEWER	TYLER LOWE	TREATMENT PLANT OPERATOR	801-465-5277
STORM DRAIN	JESSE SMITH	SWPP INSPECTOR	801-465-5230
STREETS	KENT FOWDEN	STREETS/STORMWATER SUPERINTENDENT	801-465-5230
WATER	CAMERON PHILLIPS	WATER SYSTEM SUPERINTENDENT	801-465-5278

PRIVATE UTILITY CONTACTS

CENTURY LINK	BILL WESTFALL	ENGINEER	435-660-0923
COMCAST	ELYSIA VALDEZ	COORDINATOR	801-201-0177
DOMINION ENERGY	DAVE CHRISTENSEN	PRE-CONSTRUCTION REP	801-853-6586
SALEM CANAL IRRIGATION CO	CODY HORTON	WATER MASTER	801-362-5548
STRAWBERRY HIGH LINE CANAL	MARTY LARSON	GENERAL MANAGER	801-465-4824
UTOPIA	KEITH PERKINS	CONSTRUCTION MANAGER	801-613-3863

MISCELLANEOUS CONTACTS

NEBO SCHOOL DISTRICT	MATT GLEDHILL	DIRECTOR OF OPERATIONS	801-354-7433
PAYSON POST OFFICE	RON MENDELL	POSTMASTER	801-465-1457



JOINTS - SECTION

NOT TO SCALE

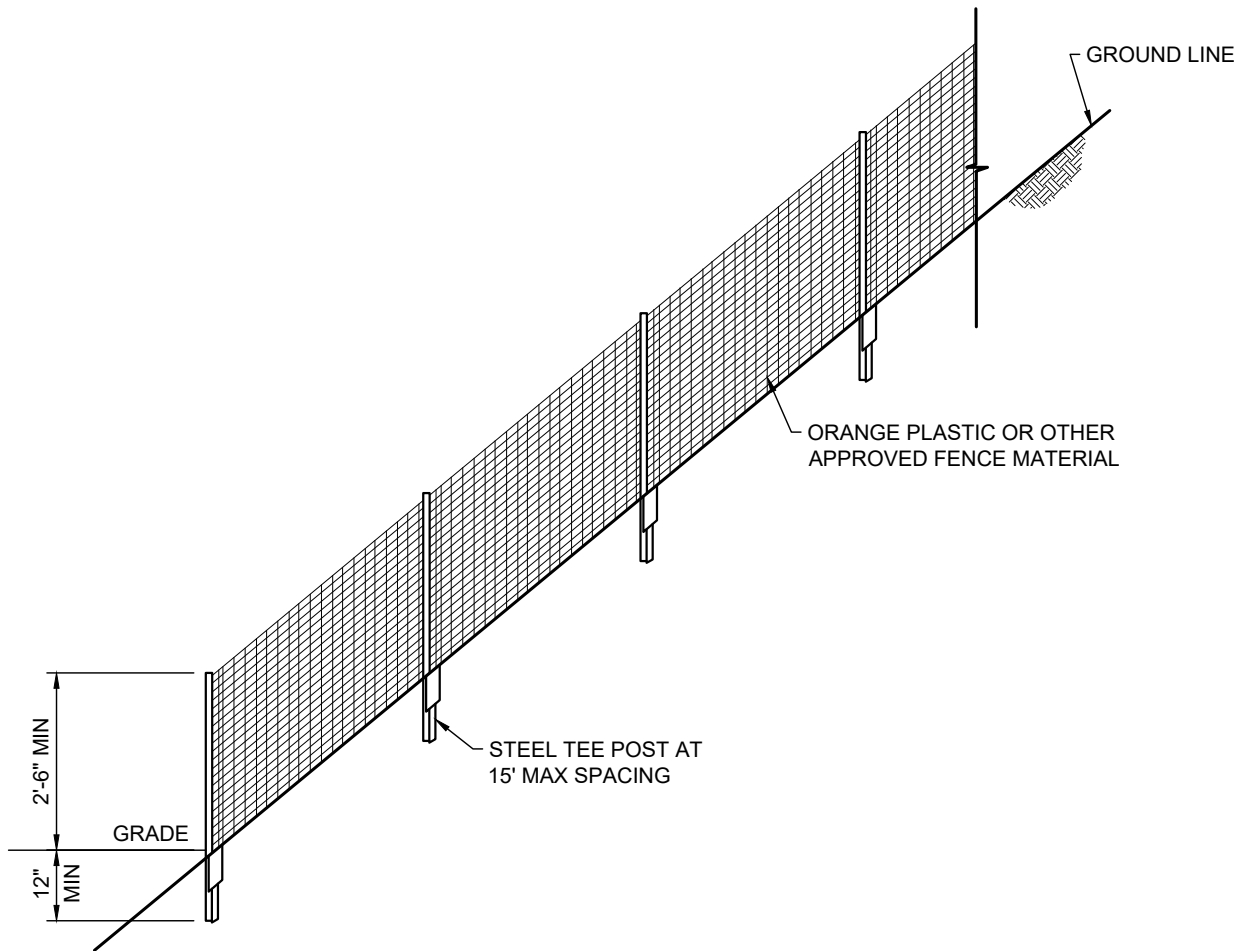


SILT FENCE INSTALLATION NOTES:

1. SEE PLAN VIEW FOR LOCATION AND LENGTH OF FENCE.
2. ANCHOR TRENCH SHALL BE EXCAVATED WITH TRENCHER, OR WITH SILT FENCE INSTALLATION MACHINE; NO ROAD GRADERS, BACKHOES, ETC. SHALL BE USED. TRENCH SHALL BE COMPACTED BY HAND; WITH "JUMPING JACK", OR BY WHEEL ROLLING. COMPACTION SHALL BE SUCH THAT SILT FENCE RESISTS BEING PULLED OUT OF ANCHOR TRENCH BY HAND.
3. SILT FENCE GEOTEXTILE SHALL MEET THE FOLLOWING REQUIREMENTS:
 - 6 TO 12 GALLONS PER MINUTE PER SQUARE FOOT FLOW CAPACITY.
 - 90 LB. TENSILE STRENGTH PER ASTM D1622.
 - UV DESIGN AT 500 HRS. MIN. 70% STRENGTH RETAINED PER ASTM D4355.
4. SILT FENCE INDICATED ON INITIAL SWPP PLAN SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBING ACTIVITIES.

SILT FENCE MAINTENANCE NOTES:

1. THE CONTRACTOR SHALL INSPECT SILT FENCE DAILY DURING AND AFTER AND STORM EVENT AND MAKE REPAIRS OR CLEAN OUT UPSTREAM SEDIMENT AS NECESSARY.
2. SEDIMENT ACCUMULATED UPSTREAM OF SILT FENCE SHALL BE REMOVED WHEN THE UPSTREAM SEDIMENT REACHES A DEPTH OF 6-INCHES.
3. SILT FENCE SHALL BE REMOVED AS INDICATED ON THE PLAN SET. IF ANY DISTURBED AREA EXISTS AFTER REMOVAL, IT SHALL BE SEEDED AND MULCHED OR OTHERWISE STABILIZED IN A MANNER APPROVED BY THE PROJECT ENGINEER.

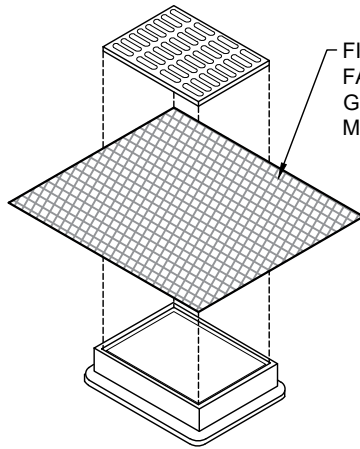


CONSTRUCTION FENCE INSTALLATION NOTES

1. SEE PLAN VIEW FOR:
 - TYPE OF CONSTRUCTION LIMIT INDICATOR (FENCE OR MARKERS).
 - LOCATION AND LENGTH OF FENCE OR LINE OF MARKERS.
2. CONSTRUCTION FENCE OR MARKERS INDICATED ON PLANS SHALL BE INSTALLED PRIOR TO OTHER BMPS AND ANY LAND-DISTURBING ACTIVITIES.
3. STEEL TEE POSTS SHALL BE UTILIZED FOR SUPPORT OF CONSTRUCTION FENCE. MAXIMUM SPACING FOR TEE POSTS SHALL BE 15'.

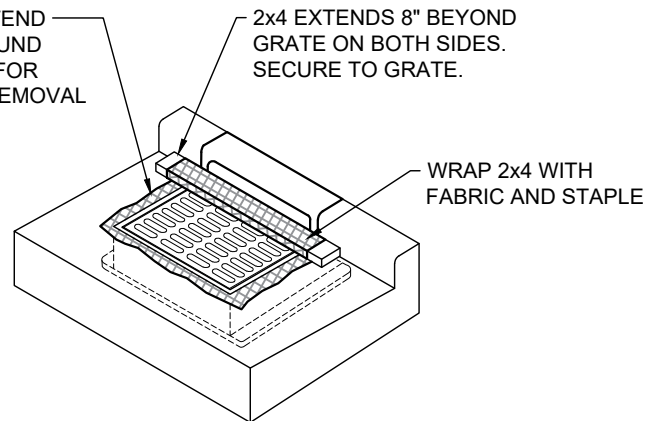
CONSTRUCTION FENCE MAINTENANCE NOTES

1. ANY DAMAGED FENCE OR MARKERS SHALL BE REPAIRED ON A DAILY BASIS.
2. FENCE OR MARKERS SHALL BE REMOVED AT THE END OF CONSTRUCTION. IF ANY DISTURBED AREA EXISTS AFTER FENCE REMOVAL, IT SHALL BE DRILL SEEDED AND CRIMP MULCHED OR OTHERWISE STABILIZED IN A MANNER APPROVED BY THE PROJECT ENGINEER.



FILTER FABRIC -
NO CURB BOX

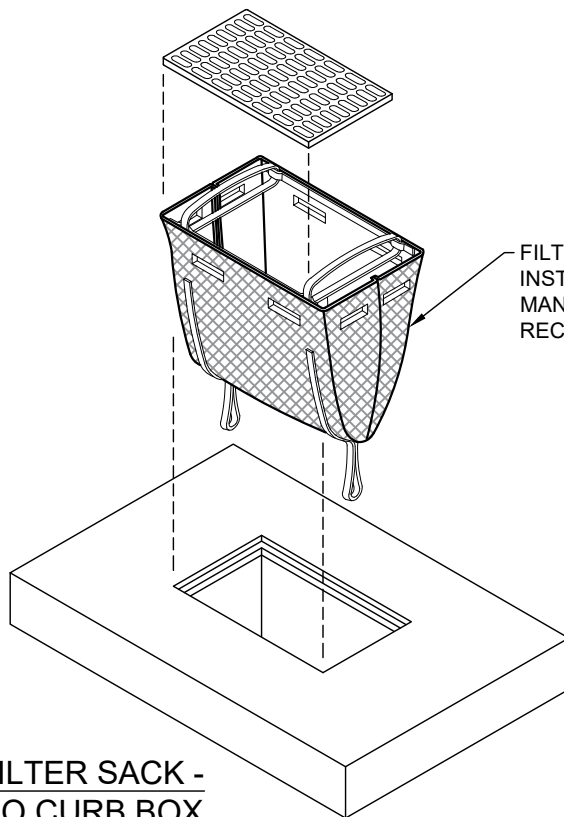
FILTER FABRIC - EXTEND
FABRIC 10" MIN AROUND
GRATE PERIMETER FOR
MAINTENANCE OR REMOVAL



FILTER FABRIC -
CURB BOX

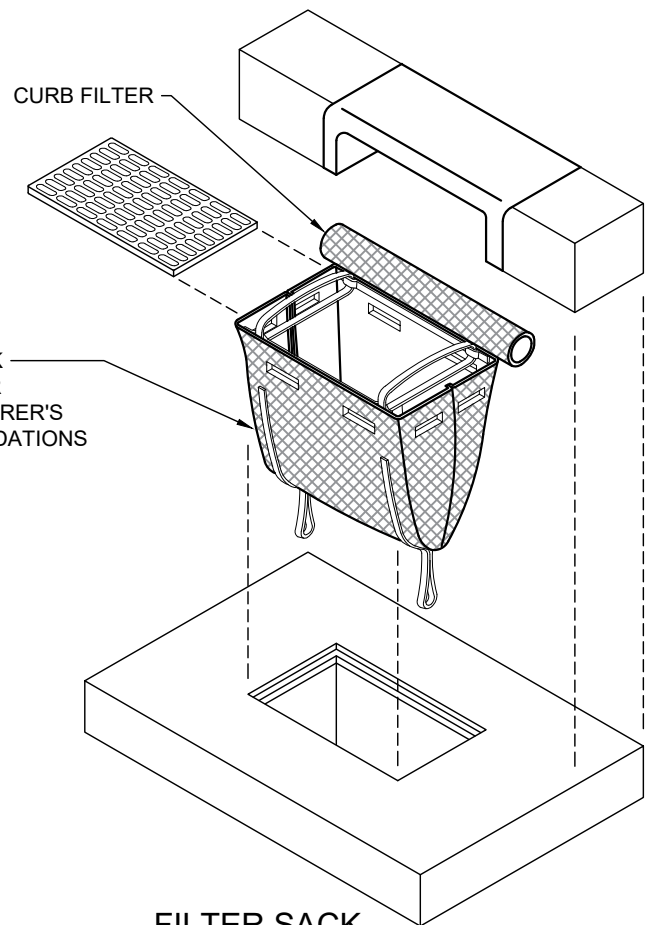
2x4 EXTENDS 8" BEYOND
GRATE ON BOTH SIDES.
SECURE TO GRATE.

WRAP 2x4 WITH
FABRIC AND STAPLE



FILTER SACK -
NO CURB BOX

FILTER SACK
INSTALL PER
MANUFACTURER'S
RECOMMENDATIONS



FILTER SACK -
CURB BOX

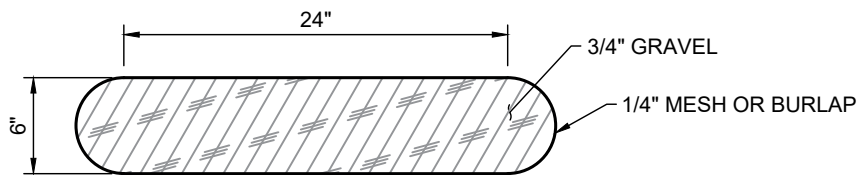
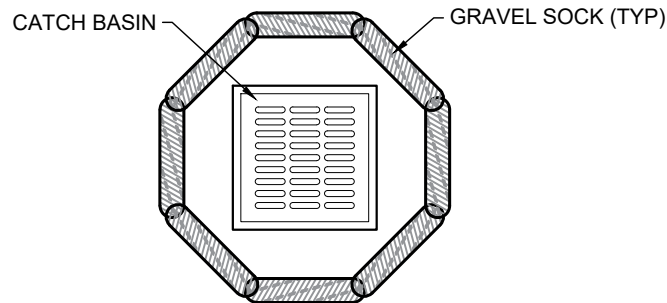
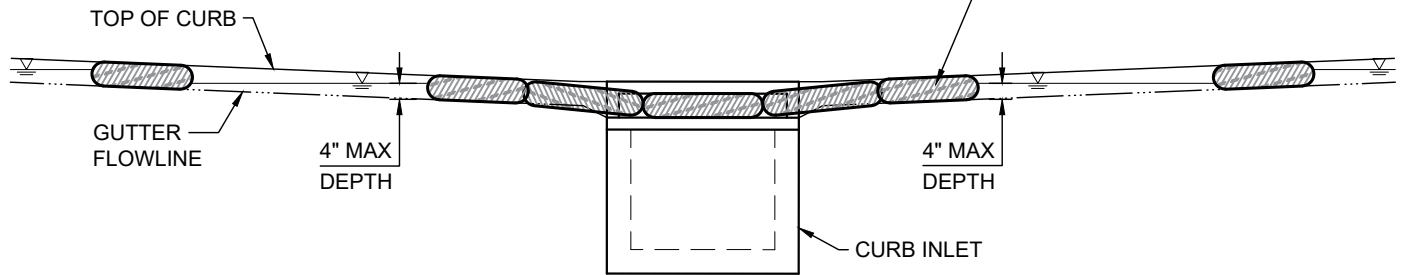
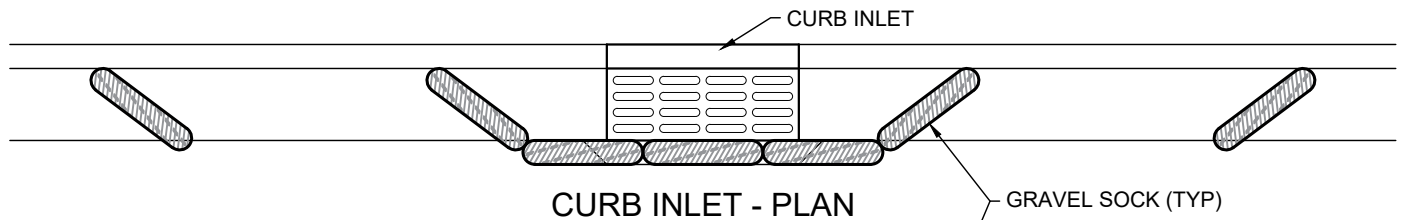
CURB FILTER

INLET PROTECTION INSTALLATION NOTES:

1. SEE PLAN VIEW FOR LOCATION OF INLET PROTECTION.
2. INSTALL FILTER FABRIC OR FILTER SACK PER MANUFACTURER'S RECOMMENDATIONS.

INLET PROTECTION MAINTENANCE NOTES:

1. THE CONTRACTOR SHALL INSPECT INLET PROTECTION DAILY DURING AND AFTER ANY STORM EVENT AND MAKE REPAIRS OR CLEAN OUT SEDIMENT AS NECESSARY.
2. INLET PROTECTION SHALL BE REMOVED AND INLETS CLEANED AND INSPECTED PRIOR TO ACCEPTANCE.

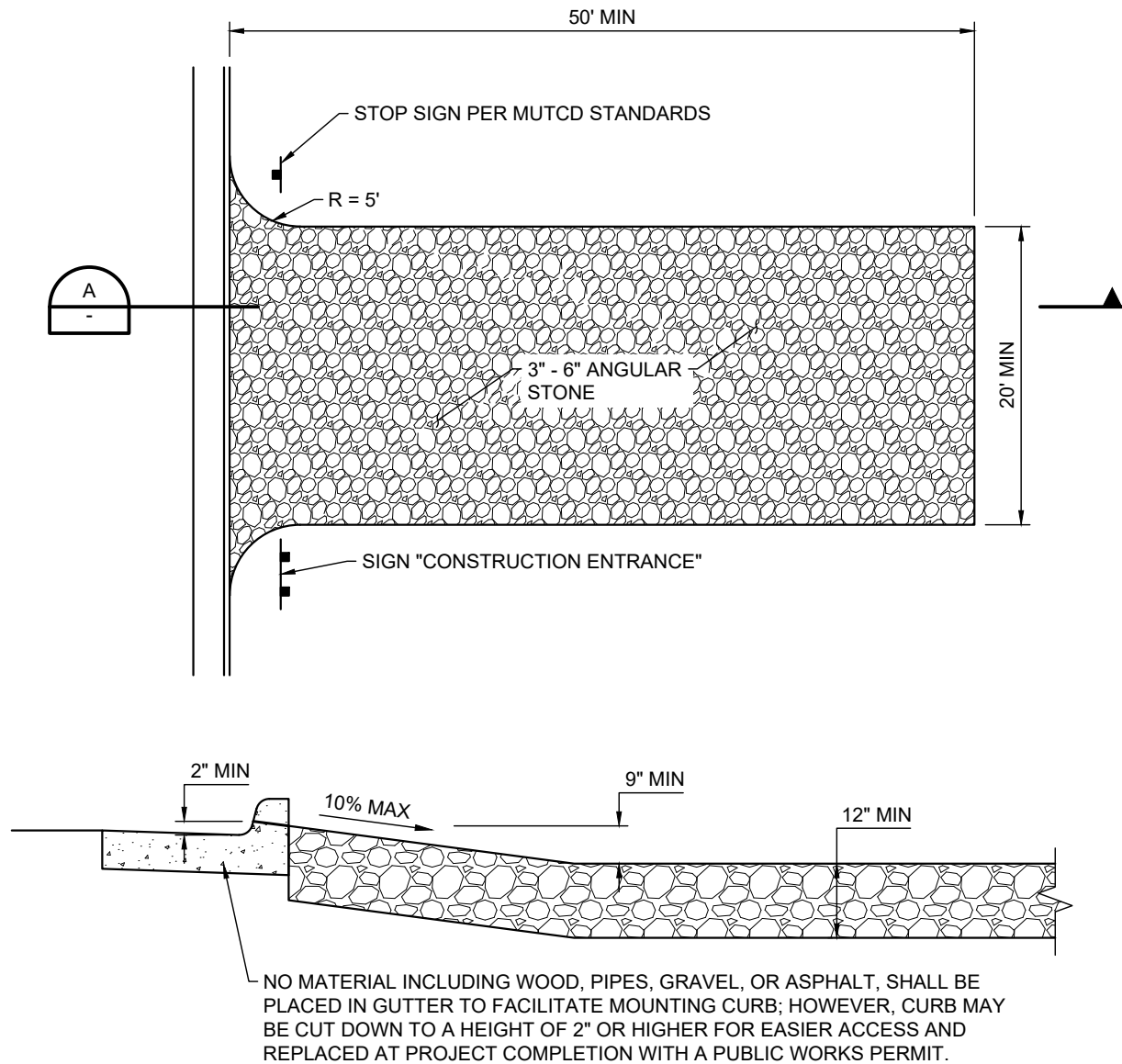


INLET PROTECTION INSTALLATION NOTES:

1. SEE PLAN VIEW FOR LOCATION OF INLET PROTECTION.
2. INSTALL GRAVEL SOCK IN RUNOFF FLOW PATH.

INLET PROTECTION MAINTENANCE NOTES:

1. THE CONTRACTOR SHALL INSPECT INLET PROTECTION DAILY, DURING AND AFTER ANY STORM EVENT AND MAKE REPAIRS OR CLEAN OUT SEDIMENT AS NECESSARY.
2. REPLACE BROKEN OR TORN GRAVEL SOCKS AND CLEAN ANY SPILLED GRAVEL OUT OF ROADWAY, GUTTER, AND/OR INLET BOX.
3. INLET PROTECTION SHALL BE REMOVED AND INLETS CLEANED AND INSPECTED PRIOR TO ACCEPTANCE.



SECTION
NOT TO SCALE

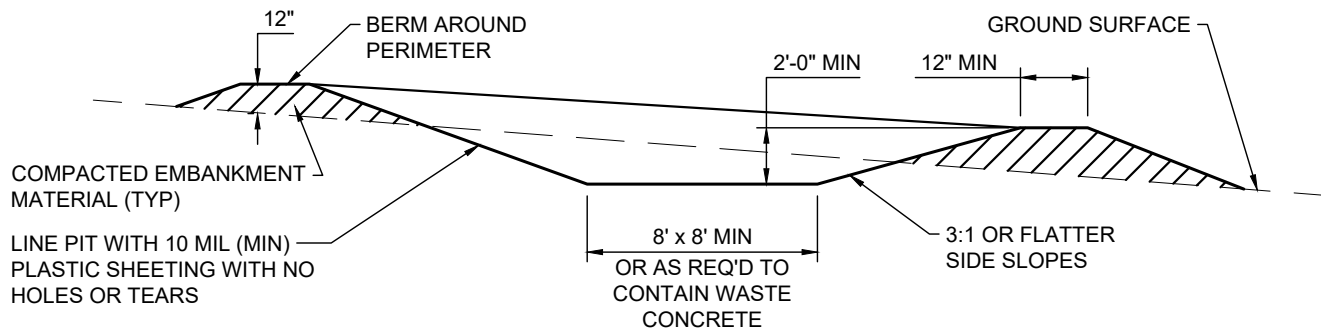
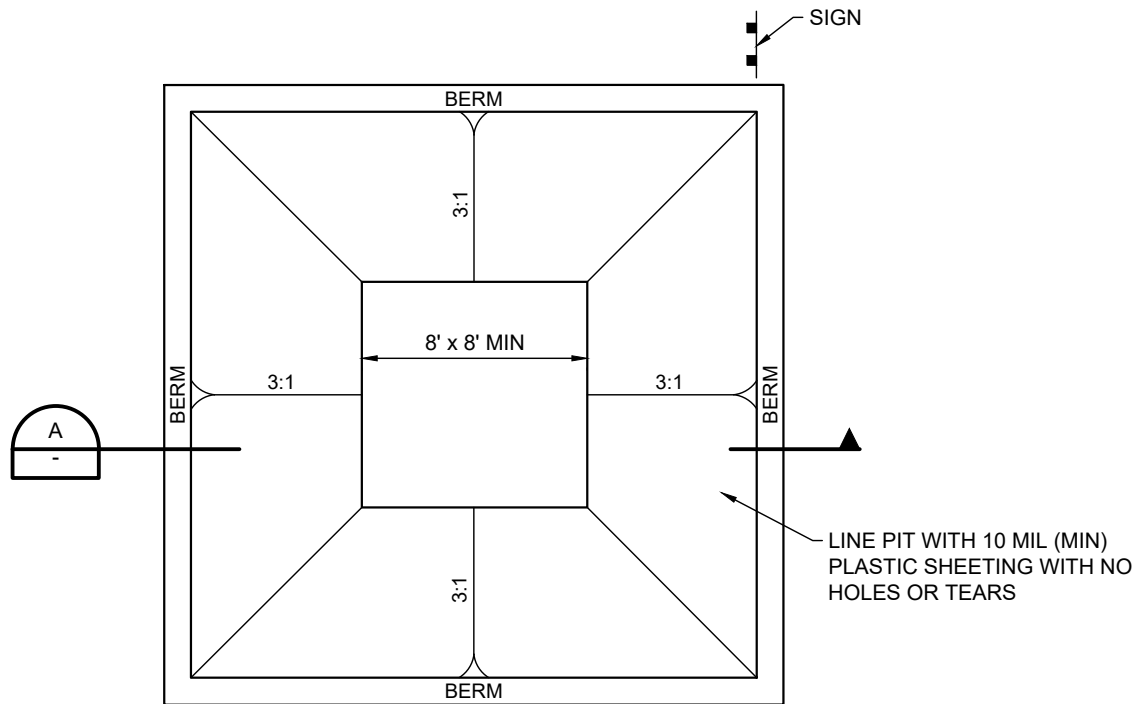


STABILIZED CONSTRUCTION ENTRANCE INSTALLATION NOTES

1. STABILIZED CONSTRUCTION ENTRANCE SHALL BE INSTALLED AT EVERY ACCESS POINT TO SITE.
2. STABILIZED CONSTRUCTION ENTRANCE SHALL CONSIST OF HARD, DENSE, DURABLE STONE, ANGULAR IN SHAPE AND RESISTANT TO WEATHERING. ROUNDED STONE OR BOULDERS WILL NOT BE ACCEPTABLE. THE STONES SHALL BE 3" WITH A MAXIMUM SIZE OF 6". THE STONE SHALL HAVE A SPECIFIC GRAVITY OF AT LEAST 2.6. CONTROL OF GRADATION WILL BE BY VISUAL INSPECTIONS.
3. ANY CRACKED OR DAMAGED CURB AND GUTTER AND SIDEWALK SHALL BE REPLACED BY PERMITTEE.
4. ALL ACCESS POINTS TO THE SITE SHALL BE SHOWN ON THE PLANS.

STABILIZED CONSTRUCTION ENTRANCE MAINTENANCE NOTES

1. CONTRACTOR SHALL INSPECT STABILIZED CONSTRUCTION ENTRANCE DAILY. AGGREGATE SURFACE SHALL BE CLEAN AND LOOSE ENOUGH TO RUT SLIGHTLY UNDER WHEEL LOADS AND CAUSE LOOSE STONE TO DISLODGE MUD FROM TIRES. WHEN GRAVEL BECOMES COMPACTED OR FILLED WITH SEDIMENT SO THAT THE EFFECTIVENESS OF THE PAD IS DIMINISHED, CONTRACTOR SHALL RIP, TURN OVER, OR OTHERWISE LOOSEN GRAVEL, PLACE ADDITIONAL NEW AGGREGATE, OR REPLACE WITH NEW STONE AS NECESSARY TO RESTORE EFFECTIVENESS.
2. STABILIZED CONSTRUCTION ENTRANCE SHALL BE REMOVED AT THE END OF CONSTRUCTION, THE GRAVEL MATERIAL REMOVED OR, IF APPROVED BY THE PROJECT ENGINEER, USED ON SITE, AND THE AREA TOPSOILED, DRILL SEEDDED AND CRIMP MULCHED OR OTHERWISE STABILIZED.



SECTION
NOT TO SCALE

CONCRETE WASHOUT AREA INSTALLATION NOTES

1. SEE PLAN VIEW FOR LOCATIONS OF CONCRETE WASHOUT AREA.
2. THE CONCRETE WASHOUT AREA SHALL BE INSTALLED PRIOR TO ANY CONCRETE PLACEMENT ON SITE.
3. STABILIZED CONSTRUCTION ENTRANCE IS REQUIRED AT THE ACCESS POINT.
4. SIGNS SHALL BE PLACED AT CONSTRUCTION ENTRANCE, AT THE WASHOUT AREA, AND ELSEWHERE AS NECESSARY TO CLEARLY INDICATE THE LOCATION OF THE CONCRETE WASHOUT AREA TO OPERATORS OF CONCRETE TRUCKS AND PUMP RIGS.
5. EXCAVATED MATERIAL SHALL BE UTILIZED IN PERIMETER BERM CONSTRUCTION.
6. WASHOUT SHOULD BE SIGNED IN AN OBVIOUS MANNER.

CONCRETE WASHOUT AREA MAINTENANCE NOTES

1. THE CONCRETE WASHOUT AREA SHALL BE CLEANED OUT, REPAIRED OR ENLARGED AS NECESSARY TO MAINTAIN CAPACITY FOR WASTED CONCRETE. WASHOUT SHOULD NEVER OVERTOP WASHOUT DETENTION WALLS.
2. WHEN WASHOUT CONCRETE IS SOLID, POUR EXCESS "CLEAN" WATER OFF, REMOVE CONCRETE FROM SITE AND DISPOSE OF PROPERLY.
3. AT END OF CONSTRUCTION, ALL CONCRETE SHALL BE REMOVED FROM SITE AND DISPOSED OF AT AN APPROVED WASTE SITE.
4. WHEN THE CONCRETE WASHOUT AREA IS REMOVED, THE DISTURBED AREA SHALL BE DRILL SEEDED AND CRIMP MULCHED OR OTHERWISE STABILIZED IN A MANNER APPROVED BY THE PROJECT ENGINEER.
5. INSPECT WEEKLY, DURING AND AFTER ANY STORM EVENT.



SMALL ECO-PAN

1. 1.5 CUBIC YARDS, 7' x 7' x 14"
2. 550 LBS DRY WEIGHT
3. 3 TON / 300 GALLON LOAD CAPACITY
4. 10-15 MIX WASHOUTS



LARGE ECO-PAN

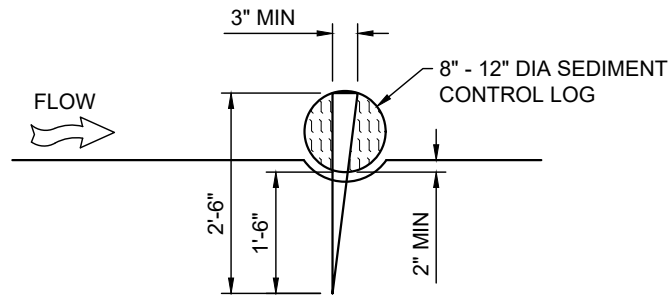
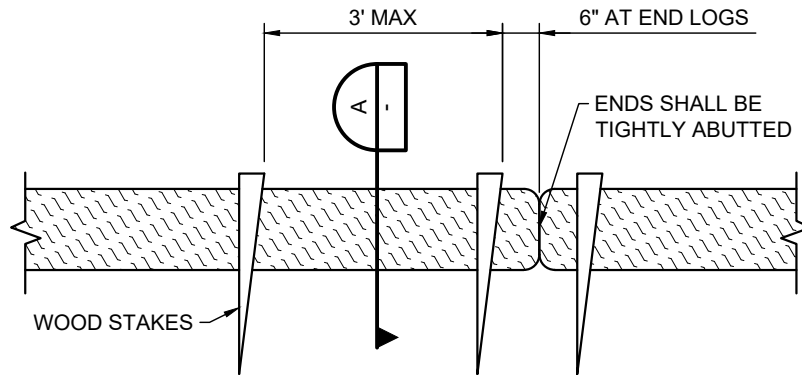
1. 2.35 CUBIC YARDS, 7' x 7' x 28"
2. 850 LBS DRY WEIGHT
3. 5 TON / 475 GALLON LOAD CAPACITY
4. 20-30 MIX WASHOUTS

CONCRETE WASHOUT AREA INSTALLATION NOTES

1. SEE PLAN VIEW FOR LOCATIONS OF CONCRETE WASHOUT AREA.
2. UTILIZE ECO-PAN OR EQUIVALENT REMOVABLE / DISPOSABLE CONCRETE WASHOUT FACILITY.
3. THE CONCRETE WASHOUT AREA SHALL BE INSTALLED PRIOR TO ANY CONCRETE PLACEMENT ON SITE.
4. STABILIZED CONSTRUCTION ENTRANCE IS REQUIRED AT THE ACCESS POINT.
5. SIGNS SHALL BE PLACED AT CONSTRUCTION ENTRANCE, AT THE WASHOUT AREA, AND ELSEWHERE AS NECESSARY TO CLEARLY INDICATE THE LOCATION OF THE CONCRETE WASHOUT AREA TO OPERATORS OF CONCRETE TRUCKS AND PUMP RIGS.

CONCRETE WASHOUT AREA MAINTENANCE NOTES

1. THE CONCRETE WASHOUT AREA SHALL BE CLEANED OUT OR REPLACED AS NECESSARY TO MAINTAIN CAPACITY FOR WASTED CONCRETE. WASHOUT SHOULD NEVER OVERFLOW.
2. AT END OF CONSTRUCTION, ALL CONCRETE SHALL BE REMOVED FROM SITE AND DISPOSED OF AT AN APPROVED WASTE SITE.
3. WHEN THE CONCRETE WASHOUT AREA IS REMOVED, THE DISTURBED AREA SHALL BE DRILL SEEDDED AND CRIMP MULCHED OR OTHERWISE STABILIZED IN A MANNER APPROVED BY THE PROJECT ENGINEER.
4. INSPECT WEEKLY, DURING AND AFTER ANY STORM EVENT.



SECTION
NOT TO SCALE

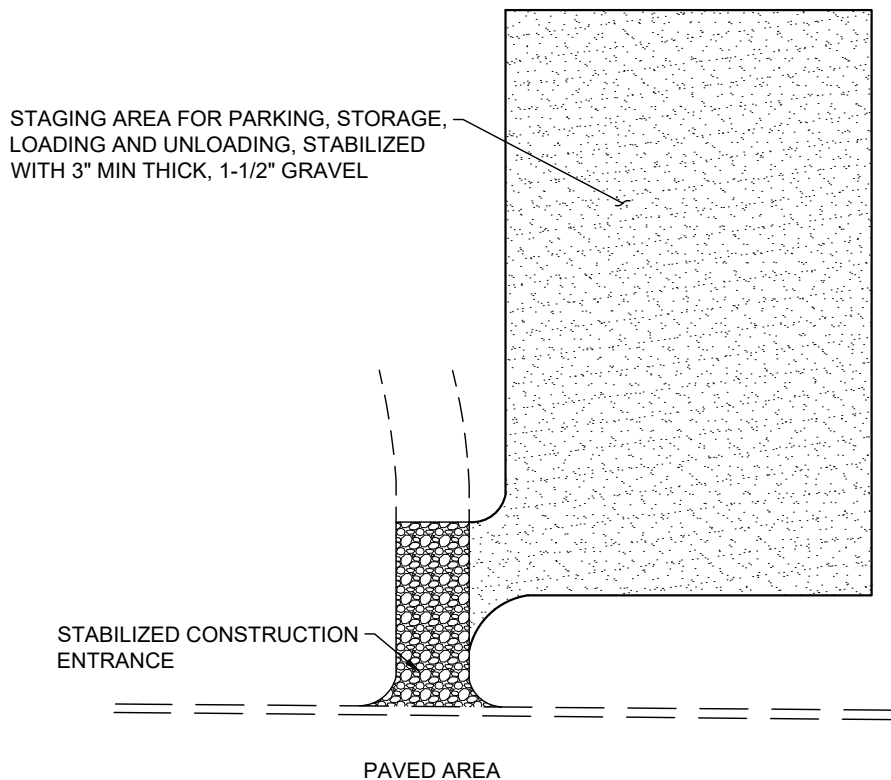


SEDIMENT CONTROL LOG INSTALLATION NOTES:

1. SEE PLAN VIEW FOR LOCATION AND LENGTH OF SEDIMENT CONTROL LOG.
2. SEDIMENT CONTROL LOGS INDICATED ON SWPP PLAN SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBING ACTIVITIES.
3. SEDIMENT CONTROL LOGS SHALL CONSIST OF STRAW, COMPOST, EXCELSIOR, OR COCONUT FIBER.
4. NOT FOR USE IN CONCENTRATED FLOW AREAS.
5. THE SEDIMENT CONTROL LOG SHALL BE TRENCHED INTO THE GROUND A MINIMUM OF 2".

SEDIMENT CONTROL LOG MAINTENANCE NOTES:

1. THE CONTRACTOR SHALL INSPECT SEDIMENT CONTROL LOGS DAILY. DURING AND AFTER ANY STORM EVENT AND MAKE REPAIRS OR CLEAN OUT UPSTREAM SEDIMENT AS NECESSARY.
2. SEDIMENT ACCUMULATED UPSTREAM OF SEDIMENT CONTROL LOGS SHALL BE REMOVED WHEN THE UPSTREAM SEDIMENT DEPTH IS WITHIN 1/2 THE HEIGHT OF THE CREST OF LOG.
3. SEDIMENT CONTROL LOG SHALL BE REMOVED ONCE SITE STABILIZED. IF ANY DISTURBED AREA EXISTS AFTER REMOVAL, IT SHALL BE DRILL SEEDING AND CRIMP MULCHING OR OTHERWISE STABILIZED IN A MANNER APPROVED BY THE PROJECT ENGINEER.

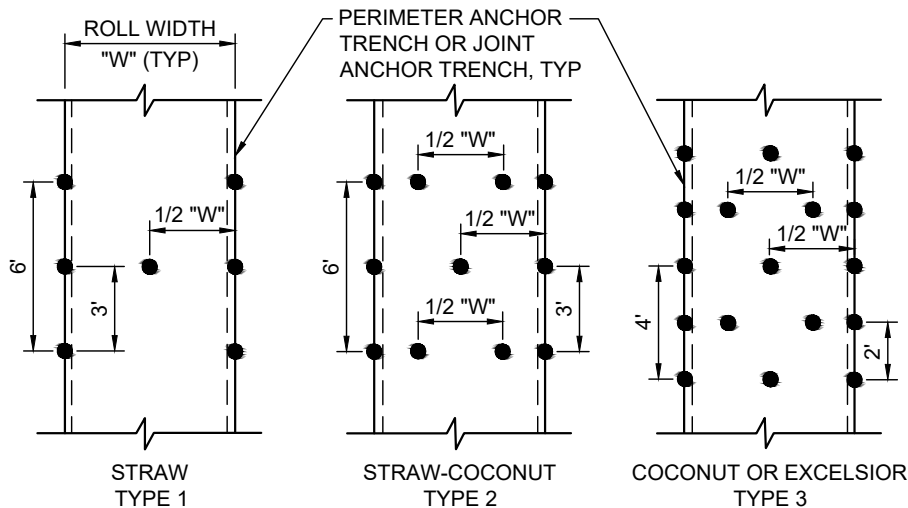


STABILIZED STAGING AREA INSTALLATION NOTES

1. SEE PLAN VIEW FOR GENERAL LOCATION OF STAGING AREA. CONTRACTOR MAY MODIFY LOCATION AND SIZE OF STABILIZED STAGING AREA WITH APPROVAL OF THE PROJECT ENGINEER.
2. STABILIZED STAGING AREA SHALL BE LARGE ENOUGH TO FULLY CONTAIN PARKING, STORAGE, AND UNLOADING AND LOADING OPERATIONS.
3. IF REQUIRED, SITE ACCESS ROADS SHALL BE STABILIZED IN THE SAME MANNER AS THE STAGING AREA.
4. STAGING AREA SHALL BE STABILIZED PRIOR TO ANY OTHER OPERATIONS ON THE SITE.
5. THE STABILIZED STAGING AREA SHALL CONSIST OF A MINIMUM OF 3" OF GRANULAR MATERIAL (NOT RECYCLED CONCRETE).

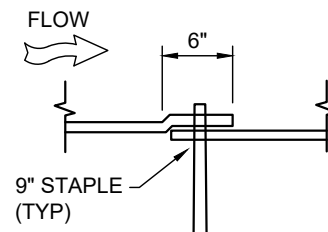
STABILIZED STAGING AREA MAINTENANCE NOTES

1. THE CONTRACTOR SHALL INSPECT THE STABILIZED STAGING AREA WEEKLY, DURING AND AFTER ANY STORM EVENT AND MAKE REPAIRS OR CLEAN OUT UPSTREAM SEDIMENT AS NECESSARY.
2. CONTRACTOR SHALL PROVIDE ADDITIONAL THICKNESS OF GRANULAR MATERIAL IF ANY RUTTING OCCURS OR UNDERLYING SUBGRADE BECOMES EXPOSED.
3. STABILIZED STAGING AREA SHALL BE ENLARGED IF NECESSARY TO CONTAIN PARKING, STORAGE, AND UNLOADING AND LOADING OPERATIONS.
4. ANY ACCUMULATED DIRT OR MUD SHALL BE REMOVED FROM THE SURFACE OF THE STABILIZED STAGING AREA.
5. THE STABILIZED STAGING AREA SHALL BE REMOVED AT THE END OF CONSTRUCTION. THE GRANULAR MATERIAL SHALL BE REMOVED OR, IF APPROVED, USED ON SITE, AND THE AREA TOPSOILED, DRILL SEEDED AND CRIMP MULCHED OR OTHERWISE STABILIZED.



STAKING PATTERNS

SHALL BE IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATION.
IF NO MANUFACTURER'S SPECIFICATION IS AVAILABLE USE THE
ACCEPTABLE STAKING PATTERN (AS SHOWN ABOVE)



OVERLAPPING JOINT

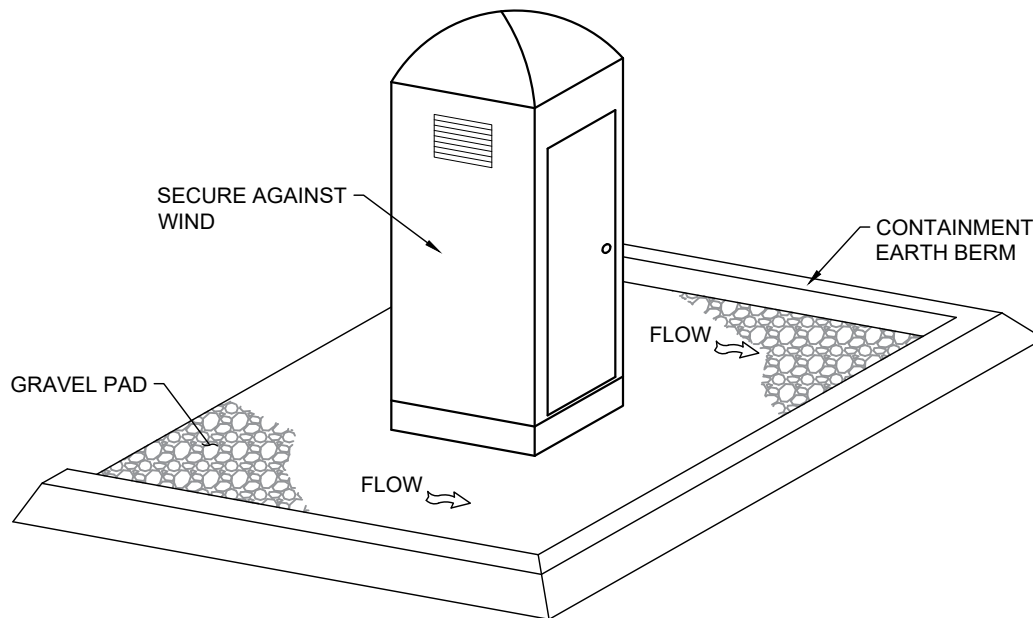
EROSION CONTROL BLANKET INSTALLATION NOTES

- SEE PLAN VIEW FOR:
 - LOCATION OF PERIMETER OF EROSION CONTROL BLANKET.
 - TYPE OF BLANKET (STRAW-COCONUT).
 - AREA "A" IN SQUARE YARDS OF EACH TYPE OF BLANKET.
 - DEPTH, "D", BLANKET SHALL BE INSTALLED ABOVE CHANNEL INVERT.
- ALL EROSION CONTROL BLANKETS AND NETTING SHALL BE MADE OF 100% NATURAL AND BIODEGRADABLE MATERIAL; NO PLASTIC OR OTHER SYNTHETIC MATERIAL, EVEN IF PHOTO DEGRADABLE, SHALL BE ALLOWED.
- IN AREAS WHERE EROSION CONTROL BLANKET IS SHOWN ON THE PLANS, THE PERMITTEE SHALL PLACE TOPSOIL AND PERFORM FINAL GRADING, SURFACE PREPARATION, AND SEEDING BELOW THE BLANKET IN ACCORDANCE WITH THE REQUIREMENTS OF THE LANDSCAPING PLAN, SEEDING AND MULCHING. SUBGRADE SHALL BE SMOOTH AND MOIST PRIOR TO BLANKET INSTALLATION AND THE BLANKET SHALL BE IN FULL CONTACT WITH SUBGRADE, NO GAPS OR VOIDS SHALL EXIST UNDER THE BLANKET.
- EROSION CONTROL BLANKET SHALL BE PLACED SMOOTHLY, BUT LOOSELY, ON THE SOIL SURFACE, WITHOUT STRETCHING.
- PERIMETER ANCHOR TRENCH SHALL BE USED AT OUTSIDE PERIMETER OF ALL BLANKET AREAS.
- JOINT ANCHOR TRENCH SHALL BE USED TO JOIN ROLLS OF BLANKETS TOGETHER (LONGITUDINALLY AND TRANSVERSELY) FOR ALL BLANKETS EXCEPT STRAW, WHICH MAY USE AN OVERLAPPING JOINT.
- INTERMEDIATE ANCHOR TRENCH SHALL BE USED AT SPACING OF ONE-HALF THE ROLL LENGTH FOR COCONUT AND EXCELSIOR BLANKETS.
- THE OVERLAPPING JOINT DETAIL SHALL BE USED TO JOIN ROLLS OF BLANKETS TOGETHER FOR BLANKETS ON SLOPES.
- MATERIAL SPECIFICATIONS OF EROSION CONTROL BLANKET SHALL CONFORM TO TABLE 7.1. A SAMPLE OF BLANKET SHALL BE SUBMITTED AT LEAST TWO WEEKS IN ADVANCE OF ITS USE FOR APPROVAL BY THE PROJECT ENGINEER.
- ANY AREAS OF SEEDING AND MULCHING DISTURBED IN THE PROCESS OF INSTALLING EROSION CONTROL BLANKET SHALL BE RESEEDED AND MULCHED IN ACCORDANCE WITH THE LANDSCAPING PLAN.
- SEE DRAINAGE DESIGN PLANS FOR MAJOR DRAINAGEWAY STABILIZATION MEASURES THAT MAY EXCEED THE DESIGN CONDITIONS ASSOCIATED WITH THE DETAILS ABOVE.

EROSION CONTROL BLANKET TYPE				
TYPE	COCONUT CONTENT	STRAW CONTENT	EXCELSIOR CONTENT	NETTING MIN.
STRAW-COCONUT	30% MIN.	70% MAX.	-	DOUBLE/NATURAL

EROSION CONTROL BLANKET INSTALLATION NOTES

- THE CONTRACTOR SHALL INSPECT EROSION CONTROL BLANKETS WEEKLY, DURING AND AFTER ANY STORM EVENT AND MAKE REPAIRS AS NECESSARY.
- EROSION CONTROL BLANKET IS TO BE LEFT IN PLACE UNLESS REQUESTED TO BE REMOVED BY THE PROJECT ENGINEER.
- ANY EROSION CONTROL BLANKET PULLED OUT, TORN, OR OTHERWISE DAMAGED SHALL BE RE-INSTALLED. ANY SUBGRADE AREAS BELOW THE BLANKET THAT HAVE ERODED TO CREATE A VOID UNDER THE BLANKET, OR THAT REMAIN DEVOID OF GRASS SHALL BE REPAIRED, RESEEDED AND MULCHED AND THE EROSION CONTROL BLANKET REINSTALLED.

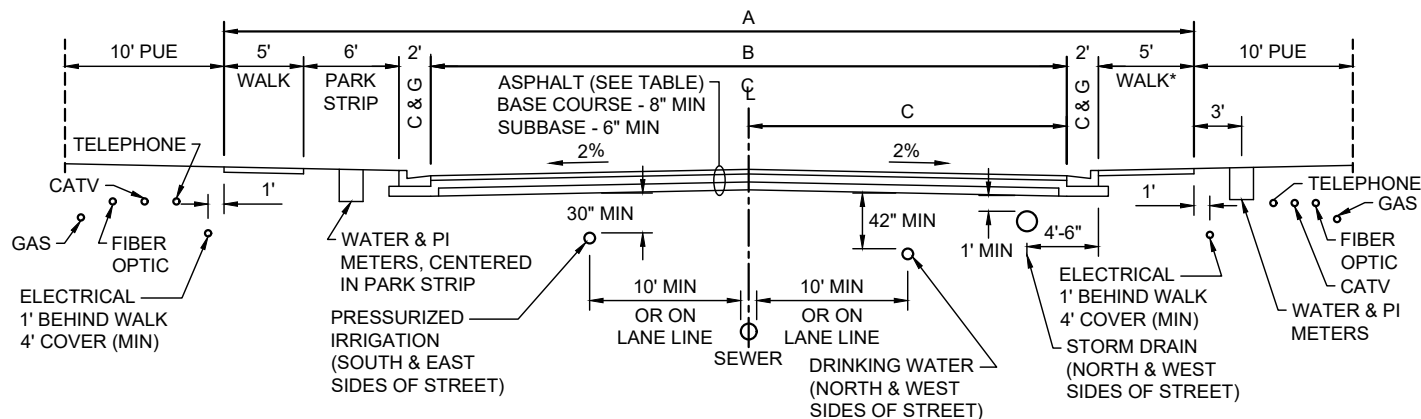


PORTABLE TOILET INSTALLATION NOTES:

1. SEE PLAN VIEW FOR LOCATION OF TEMPORARY ON-SITE PORTABLE TOILET FOR CONSTRUCTION PERSONNEL.
2. LOCATE PORTABLE TOILETS IN CONVENIENT LOCATIONS THROUGHOUT THE SITE.
3. PREPARE LEVEL, GRAVEL SURFACE AND PROVIDE CLEAR ACCESS TO THE TOILETS FOR SERVICING AND FOR ON-SITE PERSONNEL.
4. CONSTRUCT EARTH BERM PERIMETER (6" TALL BY 6" WIDE), CONTROL FOR SPILL/PROTECTION LEAK.

PORTABLE TOILET MAINTENANCE NOTES:

1. PORTABLE TOILETS SHOULD BE MAINTAINED IN GOOD WORKING ORDER BY LICENSED SERVICE WITH DAILY OBSERVATION LEAK DETECTION.
2. REGULAR WASTE COLLECTION SHOULD BE ARRANGED WITH LICENSED SERVICE.
3. ALL WASTE SHOULD BE DEPOSITED IN SANITARY SEWER SYSTEM FOR TREATMENT WITH APPROPRIATE AGENCY APPROVAL.



STREET DESIGNATION	A	B	C	ASPHALT THICKNESS**
A-5-H	VARIES	20'	10'	6" GRAVEL
MH ZONES	VARIES	24'	12'	3-1/2"
INFILL LOTS / PRIVATE ROADS	VARIES	26'	13'	3-1/2"
RESIDENTIAL	60'	34'	17'	3-1/2"
COLLECTOR	76'	50'	25'	5"
ARTERIAL	98'	72'	36'	5"
ARROWHEAD TRAIL***	110'	84'	42'	5" MIN

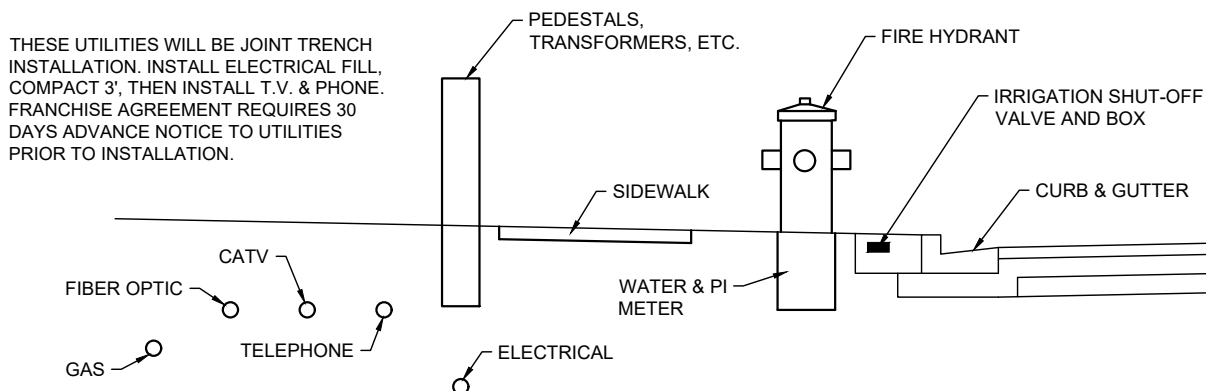
* THE TYPICAL SECTION IS A 5' SIDEWALK WITH A 6' PARK STRIP. A 5' SIDEWALK ADJACENT TO THE CURB IS ONLY ALLOWED IN HISTORIC AREAS AT THE DISCRETION OF THE CITY ENGINEER.

** TOTAL ASPHALT THICKNESS, 3-1/2" OR 5" AT CONSTRUCTION WITH A SLURRY SEAL AFTER 90% OF HOMES HAVE BEEN BUILT

THE A-5-H & HILLSIDE CROSS-SECTION IS ONLY FOR THESE USES AND THEY ARE PRIVATE ROADS. OTHER PRIVATE ROADS ARE ONLY ALLOWED FOR INFILL DEVELOPMENT OR PARCELS WITH PHYSICAL BARRIERS AND ARE NOT ALLOWED FOR ALL OTHER GREEN FIELD DEVELOPMENT. A SUBDIVISION OF 5 ACRES OR MORE IN SIZE DOES NOT QUALIFY FOR PRIVATE ROADS NO MATTER WHAT BARRIERS EXIST.

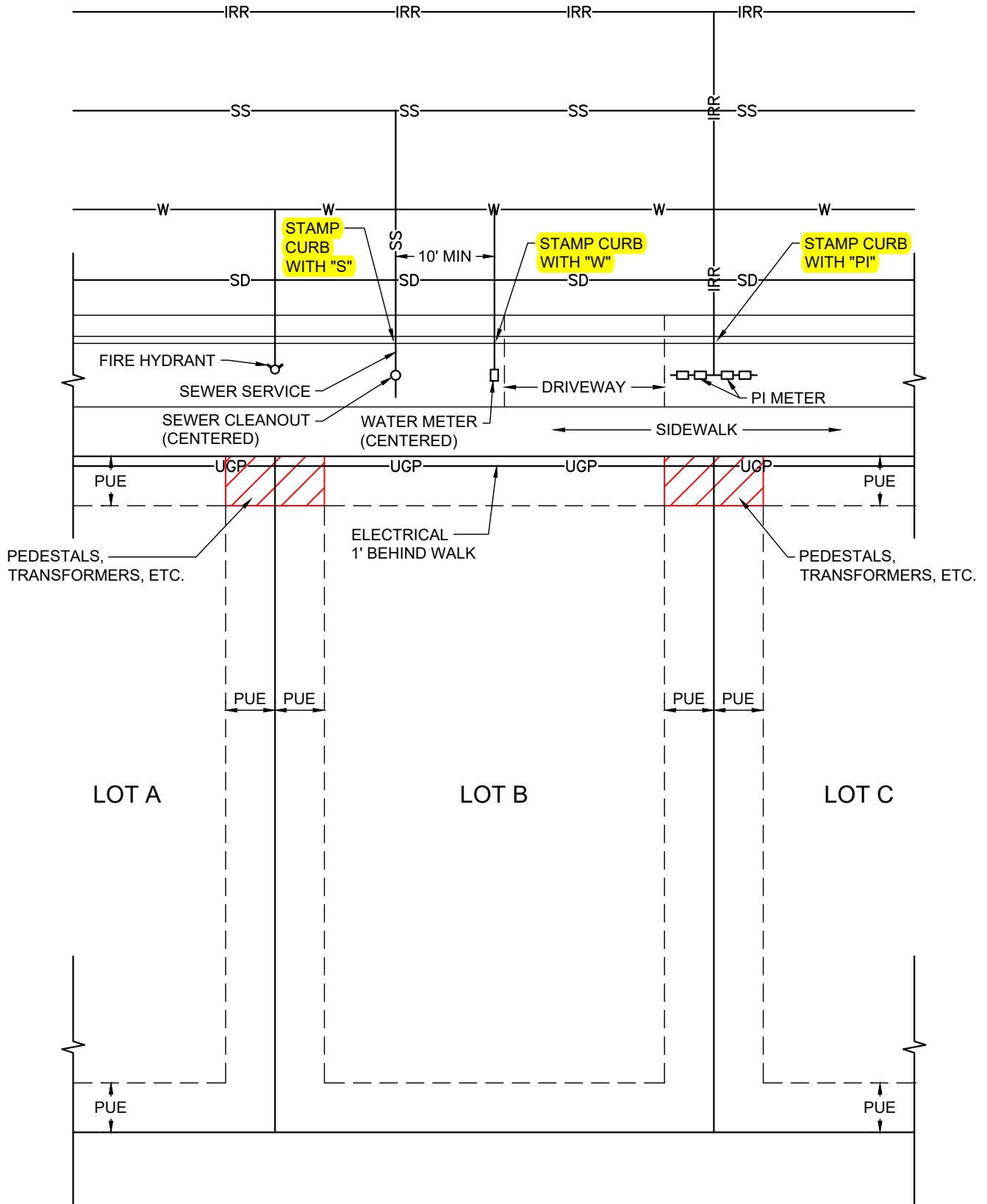
REFER TO THE ADOPTED TRANSPORTATION MASTER PLAN 2020 FOR STRIPING WIDTHS OF THE ROADS.

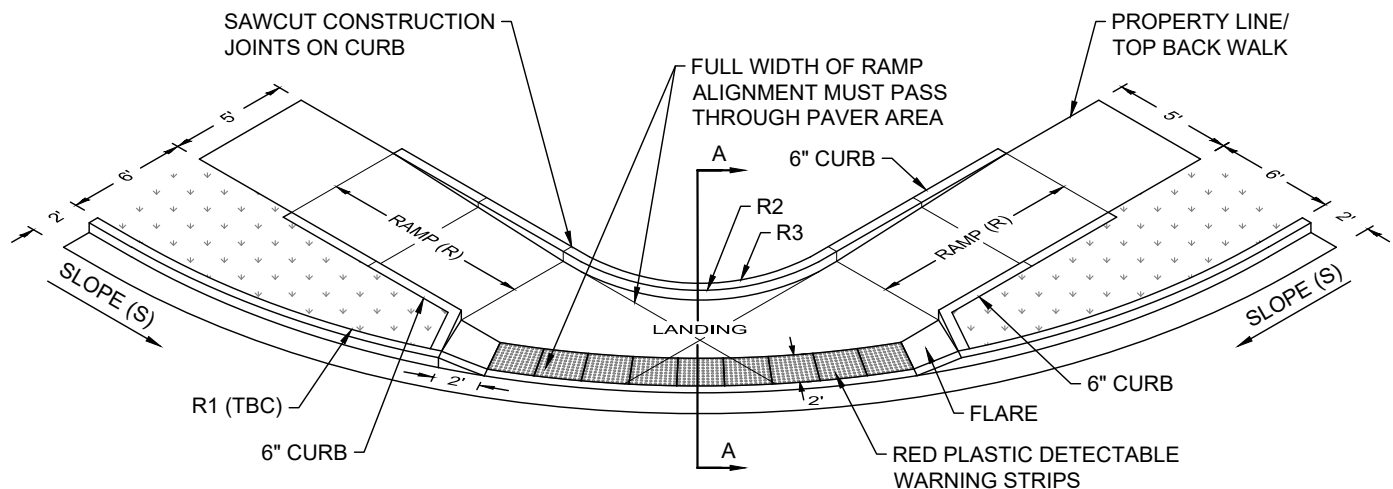
*** THE MINIMUM PAVEMENT SECTION IN ARROWHEAD TRAIL IS 5" HMA, 8" BASE COURSE, AND 10" SUBBASE. A GEOTECH REPORT IS REQUIRED TO DETERMINE IF THESE THICKNESSES ARE ADEQUATE OR WILL NEED TO BE INCREASED. ANY DEVELOPMENT TYING INTO ARROWHEAD TRAIL IS REQUIRED TO BUILD HALF THE ROAD FROM THE CENTERLINE.



NOTES:

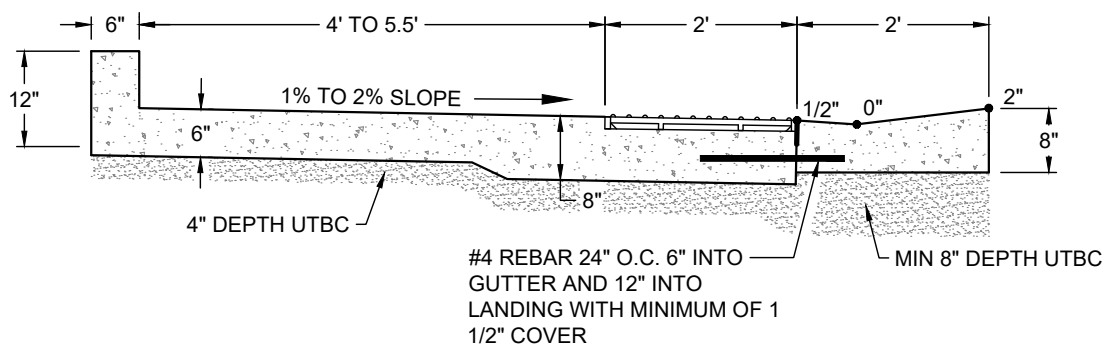
1. LOCATE CULINARY WATER AND PRESSURIZED IRRIGATION METER BOXES IN THE CENTER OF THE PLANTER STRIP. IF THERE IS MONOLITHIC CURB, GUTTER, AND SIDEWALK, INSTALL METER BOXES 3' BEHIND BACK OF WALK.
2. LOCATE ALL ABOVE GROUND APPURTENANCES (i.e. ELECTRICAL TRANSFORMERS AND TELEPHONE PEDESTALS) 1' BEHIND BACK OF WALK IN PUBLIC UTILITY EASEMENT.
3. SLOPE THE SIDEWALK TOWARD THE CURB AT 1/4" SLOPE.
4. INSTALL FIRE HYDRANTS ON THE WATER MAIN SIDE OF THE STREET, CENTERED IN THE PLANTER OR A MINIMUM OF 2' BEHIND BACK OF WALK FOR MONOLITHIC.





SLOPE OF CURB AND GUTTER TO LANDING (S)	RAMP LENGTH (R)	CURB WALL
0.45% OR LESS	5'	NO
0.45% TO 2.0%	10'	YES
2% OR MORE	15'	YES

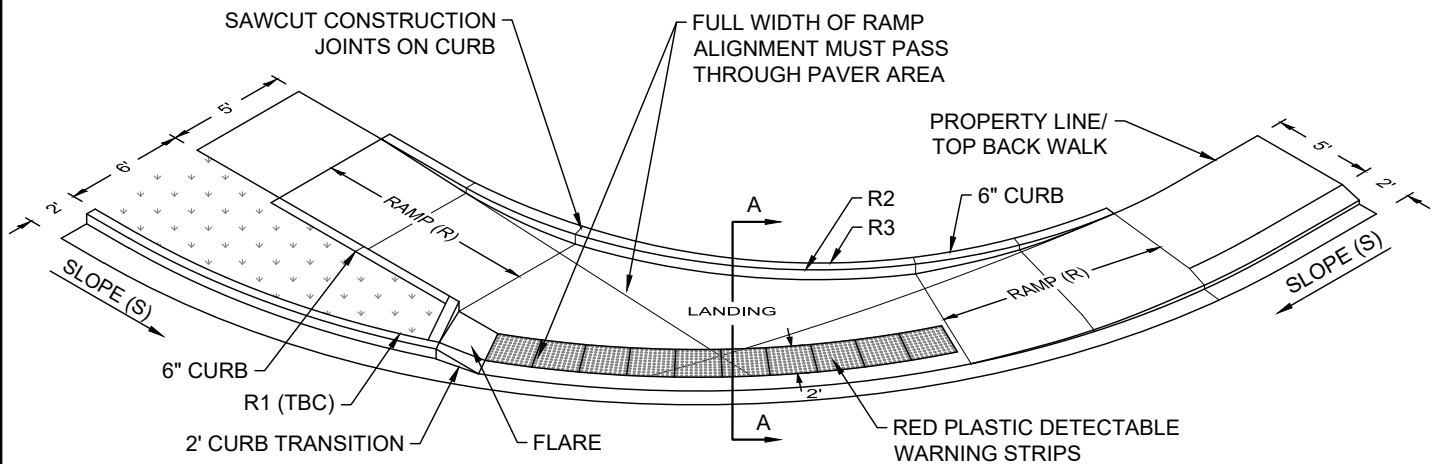
R1 = 35' RADIUS		R1 = 30' RADIUS		R1 = 25' RADIUS	
PROPERTY LINE RADIUS (R2)	TOP BACK CURB RADIUS (R3)	PROPERTY LINE RADIUS (R2)	TOP BACK CURB RADIUS (R3)	PROPERTY LINE RADIUS (R2)	TOP BACK CURB RADIUS (R3)
12'-0"	11'-6"	7'-0"	6'-6"	5'-6"	5'-0"



SECTION A-A

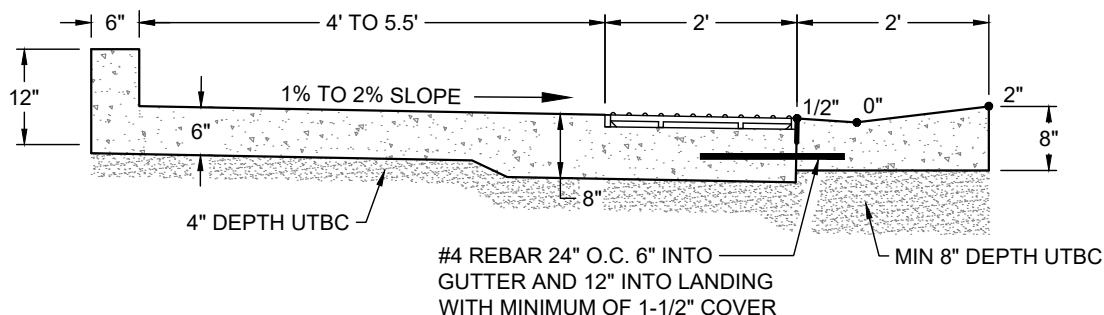
NOTES:

1. CONTRACTOR SHALL INSTALL DETECTABLE WARNING PLATES ACCORDING TO THE STANDARDS FOR PLASTIC DETECTABLE WARNING PLATES AND MATCH PATTERN IN THIS DRAWING. RADIAL PLATES SHALL BE A PLASTIC RED COLORED PLATE AND SHALL BE ACCORDING TO THE CORRECT TBC RADIUS.
2. THE MAXIMUM SLOPE OF A STREET WITHIN 25' OF THE BEGINNING OF RADIUS IS 5.5%. VARIATION TO THE SLOPE MUST BE APPROVED BY THE CITY ENGINEER.
3. THE SLOPE OF THE FLOWLINE OF GUTTER THROUGH A PEDESTRIAN RAMP SHALL BE 2.0% OR LESS OR APPROVED BY CITY ENGINEER.
4. CURB AND GUTTER SLOPE (S) AND RAMP LENGTHS (R) SHALL BE CLEARLY LABELED AND DRAWN ON ALL PLANS, SEE TABLE FOR (R2) AND (R3).
5. RAMPS SHALL NOT EXCEED A 1:12 SLOPE.
6. STANDARD PEDESTRIAN RAMPS HAVE BEEN DESIGNED FOR NEW CONSTRUCTION. REPLACEMENT OF EXISTING PEDESTRIAN RAMPS SHALL BE DESIGNED AND STAMPED BY A PROFESSIONAL ENGINEER AND APPROVED BY THE CITY ENGINEER OR HIS/HER DESIGNEE.
7. COLD WEATHER CONCRETE MIX AND INSTALLATION PER APWA STANDARDS AND SPECIFICATIONS REQUIRED OCTOBER 1 THRU MARCH 31, OR AS REQUIRED BY THE PUBLIC WORKS DIRECTOR OR DESIGNEE.



SLOPE OF CURB AND GUTTER TO LANDING (S)	RAMP LENGTH (R)	CURB WALL
0.45% OR LESS	5'	NO
0.45% TO 2.0%	10'	YES
2% OR MORE	15'	YES

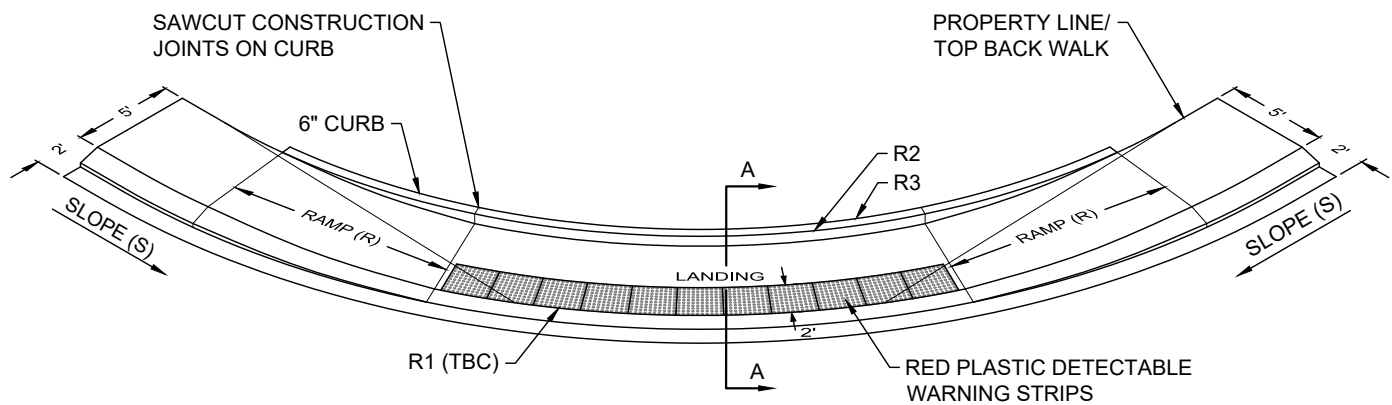
R1 = 35' RADIUS		R1 = 30' RADIUS		R1 = 25' RADIUS	
PROPERTY LINE RADIUS (R2)	TOP BACK CURB RADIUS (R3)	PROPERTY LINE RADIUS (R2)	TOP BACK CURB RADIUS (R3)	PROPERTY LINE RADIUS (R2)	TOP BACK CURB RADIUS (R3)
23'-6"	23'-0"	19'-6"	19'-0"	13'-0"	12'-6"



SECTION A-A

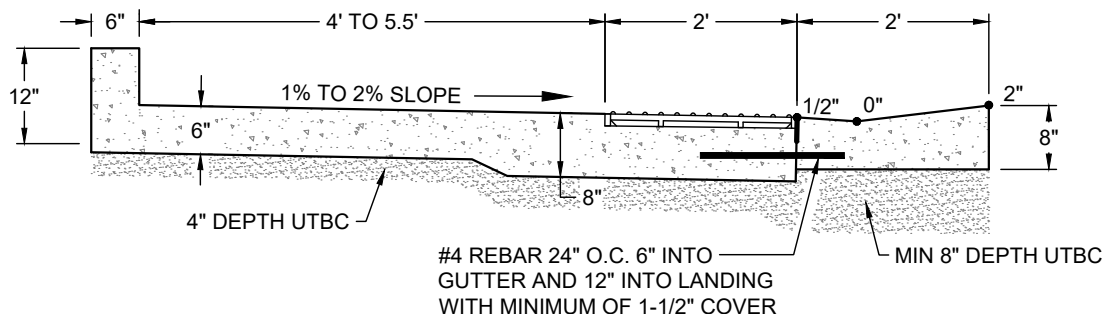
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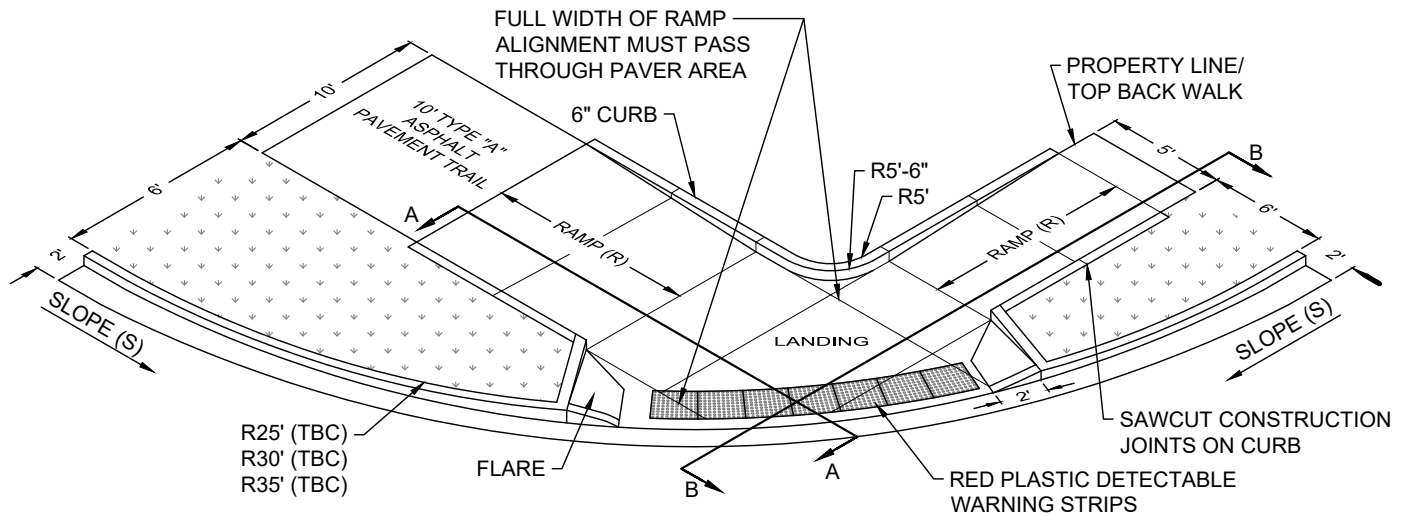
R1 = 35' RADIUS		R1 = 30' RADIUS		R1 = 25' RADIUS	
PROPERTY LINE RADIUS (R2)	TOP BACK CURB RADIUS (R3)	PROPERTY LINE RADIUS (R2)	TOP BACK CURB RADIUS (R3)	PROPERTY LINE RADIUS (R2)	TOP BACK CURB RADIUS (R3)
30'-6"	30'-0"	25'-6"	25'-0"	20'-6"	20'-0"



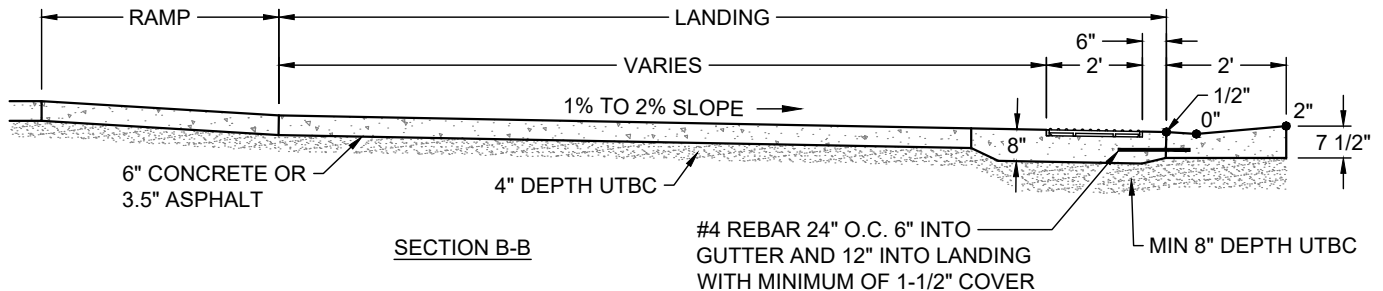
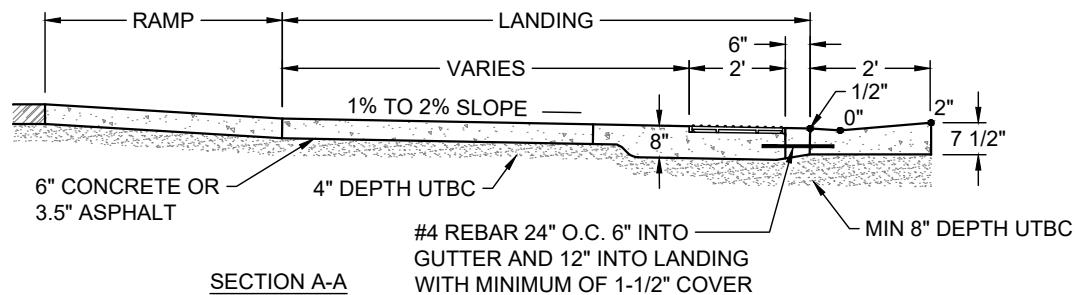
SECTION A-A

NOTES:

1. CONTRACTOR SHALL INSTALL DETECTABLE WARNING PLATES ACCORDING TO THE STANDARDS FOR PLASTIC DETECTABLE WARNING PLATES AND MATCH PATTERN IN THIS DRAWING. RADIAL PLATES SHALL BE A PLASTIC RED COLORED PLATE AND SHALL BE ACCORDING TO THE CORRECT TBC RADIUS.
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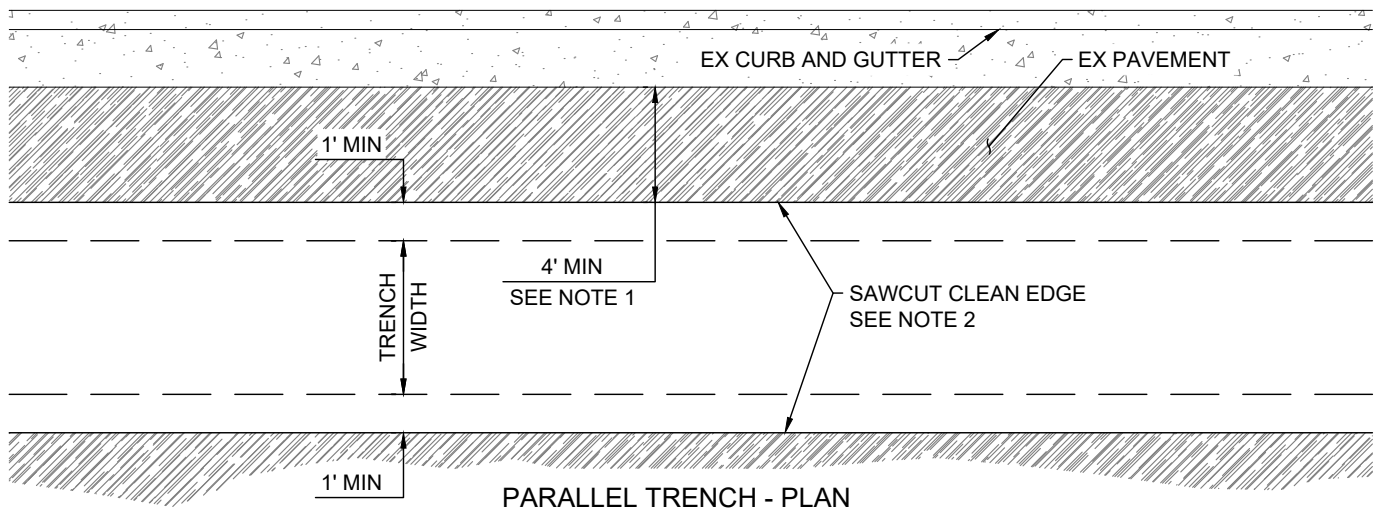
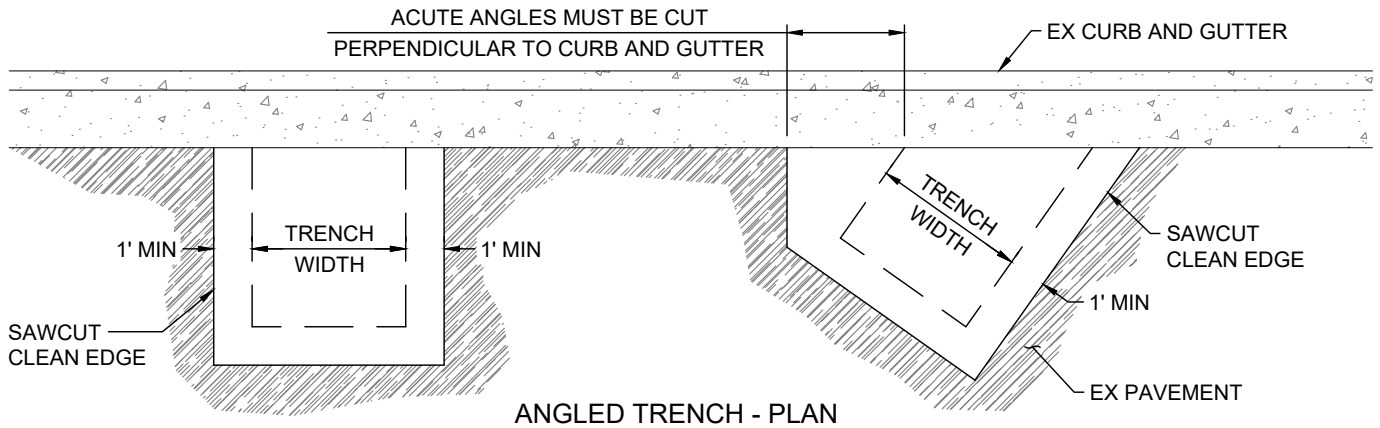


SLOPE OF CURB AND GUTTER TO LANDING (S)	RAMP LENGTH (R)	CURB WALL
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0.45% TO 2.0%	10'	YES
2% OR MORE	15'	YES



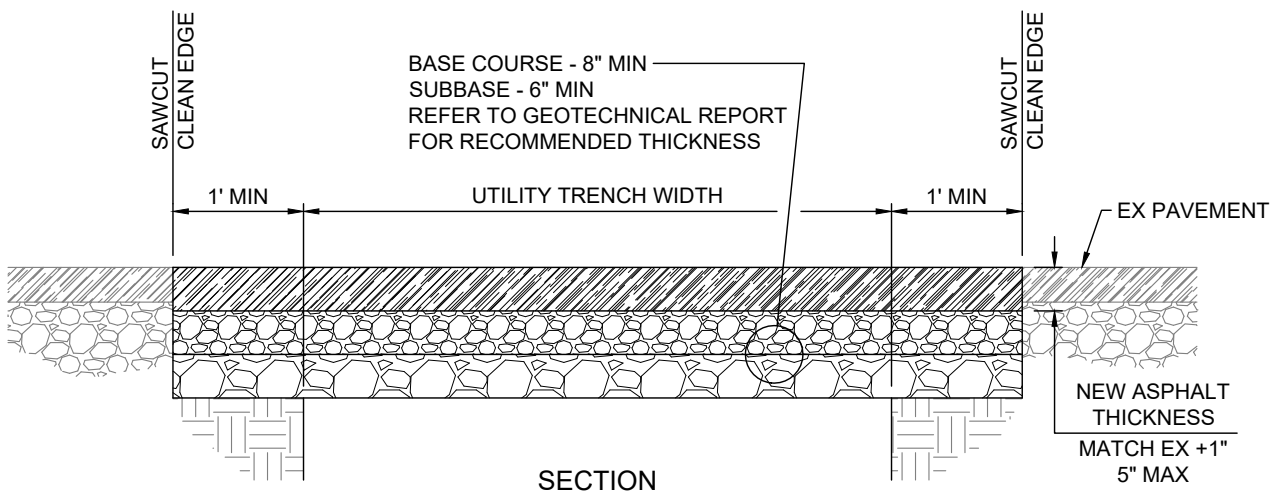
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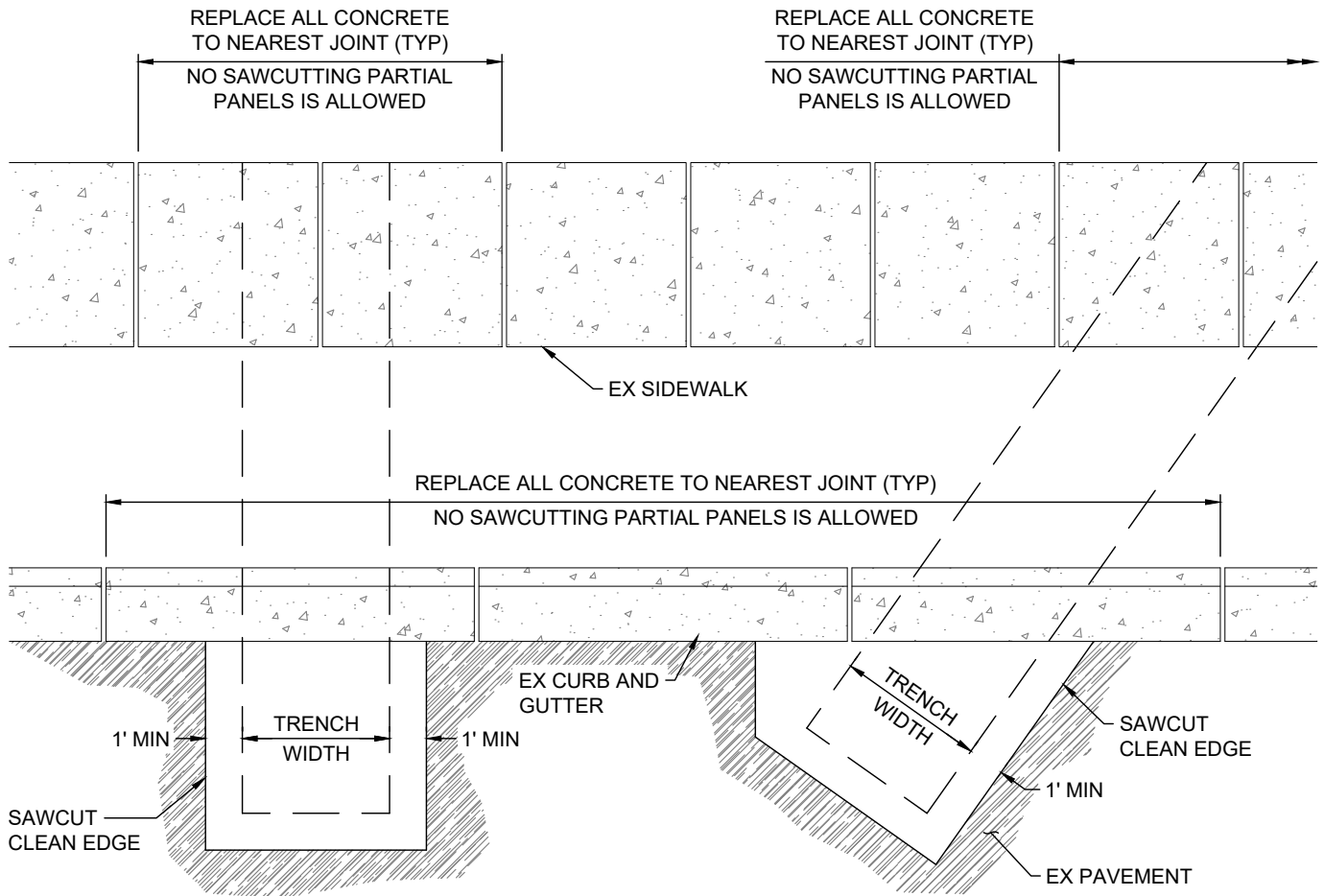
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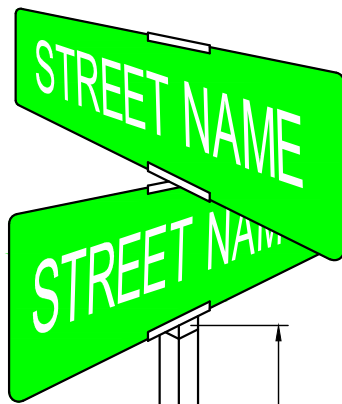
1. IF DISTANCE BETWEEN CLEAN SAWCUT EDGE AND EX GUTTER IS LESS THAN 4', REMOVE AND REPLACE ASPHALT TO LIP OF GUTTER.
2. SAWCUT EDGE MUST NOT BE IN WHEEL PATH. REPLACE TO CENTER OF ROAD, CENTER OF LANE, OR LANE LINE. WHICHEVER IS CLOSEST AND MORE THAN 1' FROM EDGE OF TRENCH.





NOTES:

1. REPLACE ALL DAMAGED CONCRETE TO THE NEAREST JOINT
2. NO SAWCUTTING PARTIAL PANELS IS ALLOWED
3. ALL SIDEWALK WITHIN THE PAYSON CITY RIGHT-OF-WAY TO BE 6" THICK CONCRETE PAVEMENT.
4. WHERE THERE IS NO PLANTER STRIP, EXPANSION JOINT IS REQUIRED BETWEEN THE BACK OF CURB AND ADJACENT CONCRETE.



STREET NAME

PUBLIC STREET SIGN

STREET NAME

PRIVATE STREET SIGN

1-3/4" x 1-3/4" STEEL TUBE WITH
3/8" DIA HOLES @ 1" O.C. FULL
LENGTH OF POST

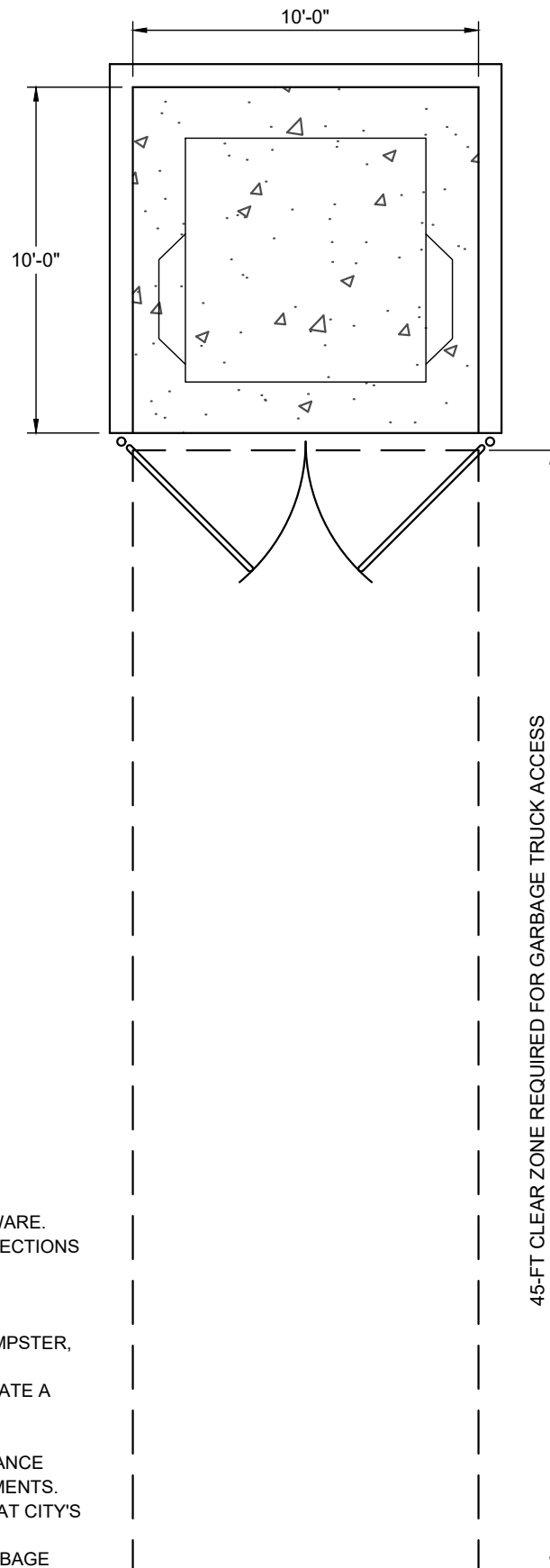
10'-0"

FINISH GRADE

3'-0"

NOTES:

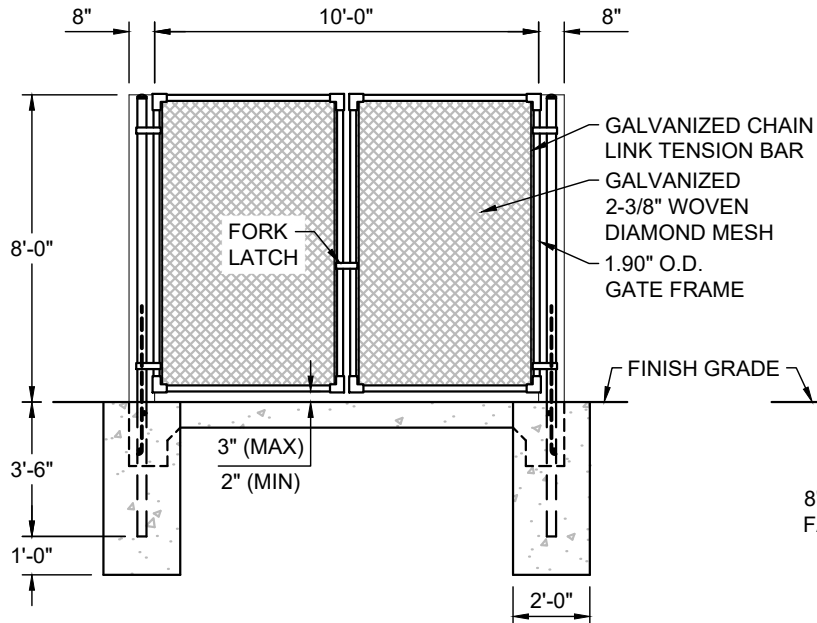
1. STREET NAME SIGN TO BE 8" ALUMINUM SIGN, DOUBLE SIDED WITH HIGH INTENSITY PRISMATIC SHEETING AND 6" UPPER CASE STREET NAME LETTERING.
2. PROOFS TO BE APPROVED BY PAYSON CITY PUBLIC WORKS PRIOR TO MANUFACTURING.
3. PUBLIC STREET SIGN TO BE GREEN BACKGROUND WITH WHITE LETTERING.
4. PRIVATE STREET SIGN TO BE BLUE BACKGROUND WITH WHITE LETTERING.
5. NO CITY LOGO REQUIRED ON STREET NAME SIGN.
6. ALL BOLTS, NUTS, WASHERS, AND ACCESSORIES TO BE STAINLESS OR GALVANIZED STEEL.



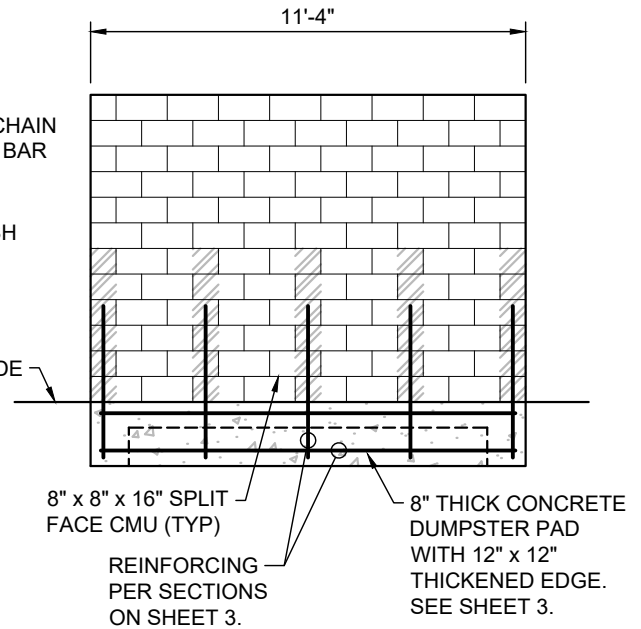
NOTES:

1. SEE SHEET 2 FOR MATERIALS AND HARDWARE.
2. INSTALL 8-IN THICK CONCRETE PAD PER SECTIONS ON SHEET 3.
3. REFER TO DEVELOPMENT GUIDELINES TO DETERMINE REQUIRED DUMPSTER SIZE.
4. ENCLOSURE SHOWN IS FOR A SINGLE DUMPSTER, REGARDLESS OF SIZE.
5. ENCLOSURE MAY BE WIDENED TO FACILITATE A SECOND DUMPSTER.
6. MATERIALS SHOWN ARE A MINIMUM REQUIREMENT. REFER TO ZONING ORDINANCE FOR SPECIFIC ARCHITECTURAL REQUIREMENTS.
7. REQUIRED MATERIALS MAY BE CHANGED AT CITY'S REQUEST.
8. 45-FT CLEAR ZONE IS REQUIRED FOR GARBAGE TRUCK ACCESS.

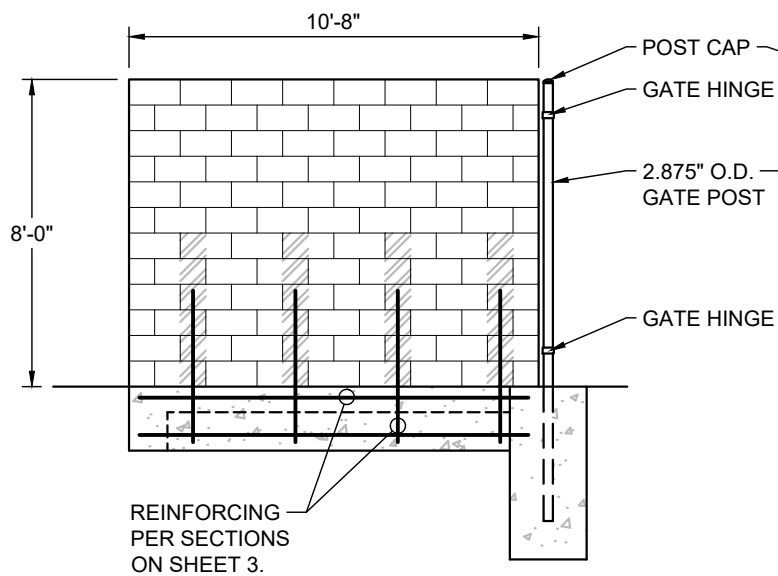
ELEVATION - FRONT



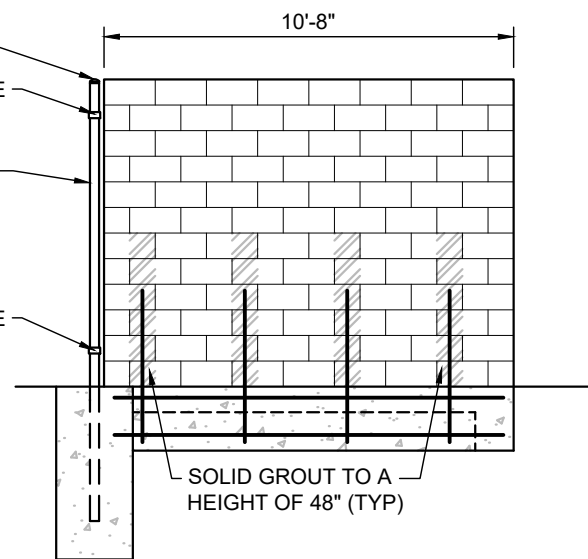
ELEVATION - BACK



ELEVATION - LEFT



ELEVATION - RIGHT



NOTES:

1. ALL GATE POSTS, FRAME, FABRIC, BOLTS, NUTS, WIRE, AND ACCESSORIES TO BE GALVANIZED OR STAINLESS STEEL.

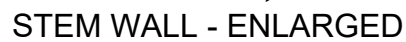
1. UNTREATED BASE COURSE (UTBC) PER APWA SECTION 32 11 23. INSTALL PER APWA SECTION 32 05 10. COMPACT TO 95% OR GREATER MODIFIED PROCTOR DENSITY PER APWA SECTION 31 23 26.
2. INSTALL CONCRETE PAD PER APWA SECTION 03 30 10.
 - a. USE ONLY 4000 PSI (MIN) CONCRETE FROM A UTAH STATE APPROVED BATCH PLANT. SUBMIT BATCH TICKET WITH INSTALLATION. SMALL BATCH CONCRETE OR CONCRETE FROM ANY SOURCE OTHER THAN A UTAH STATE APPROVED BATCH PLANT IS NOT ACCEPTABLE AND WILL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE.
3. REBAR TO BE GALVANIZED OR EPOXY COATED, DEFORMED, 60 KSI YIELD GRADE STEEL PER ASTM A615.



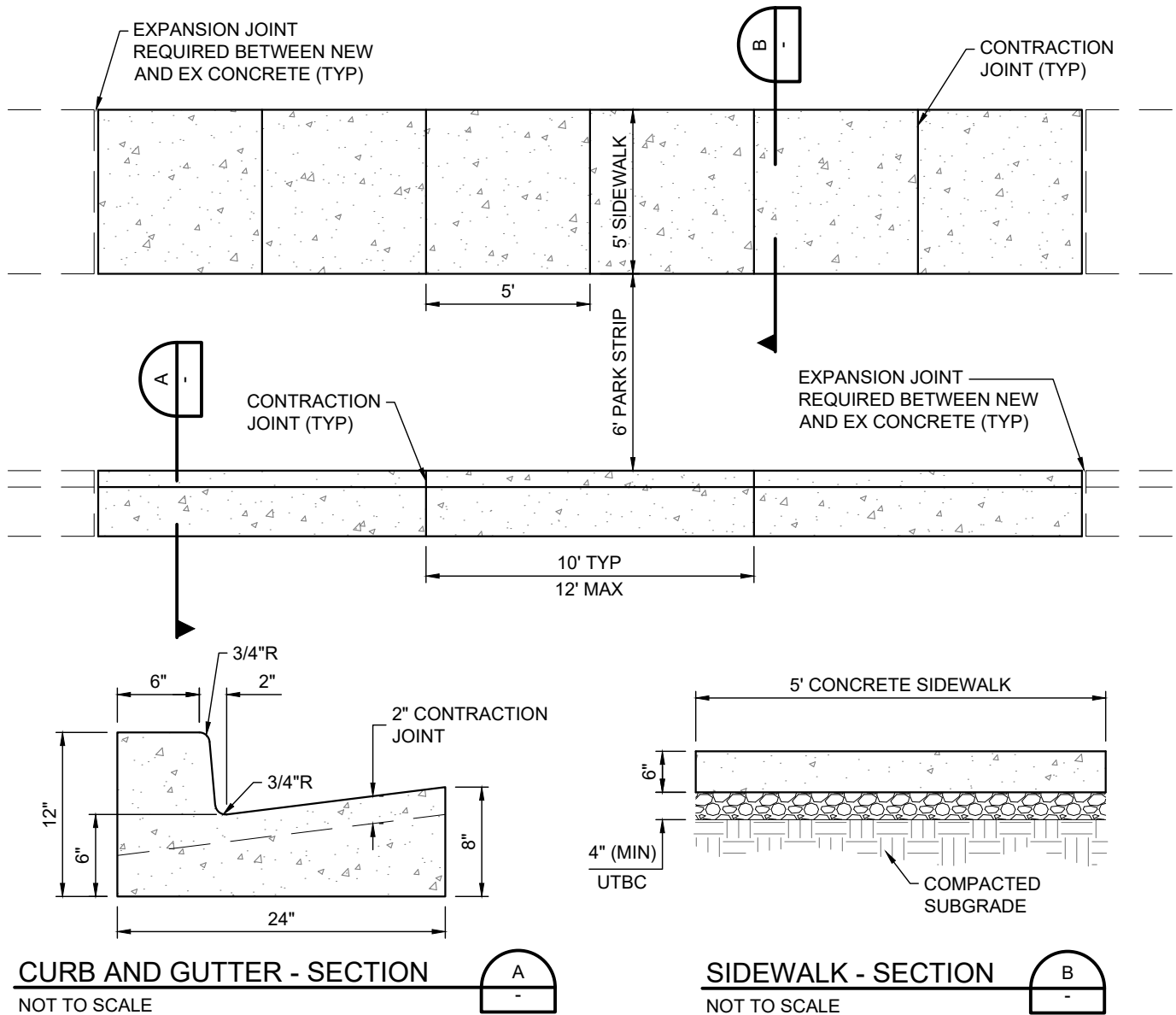
NOT TO SCALE



NOT TO SCALE

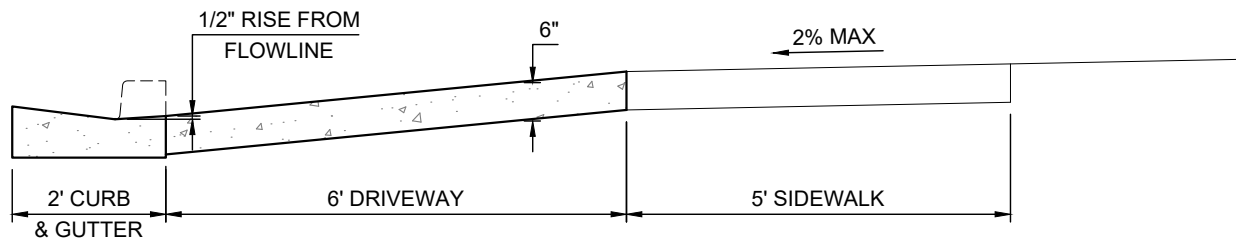
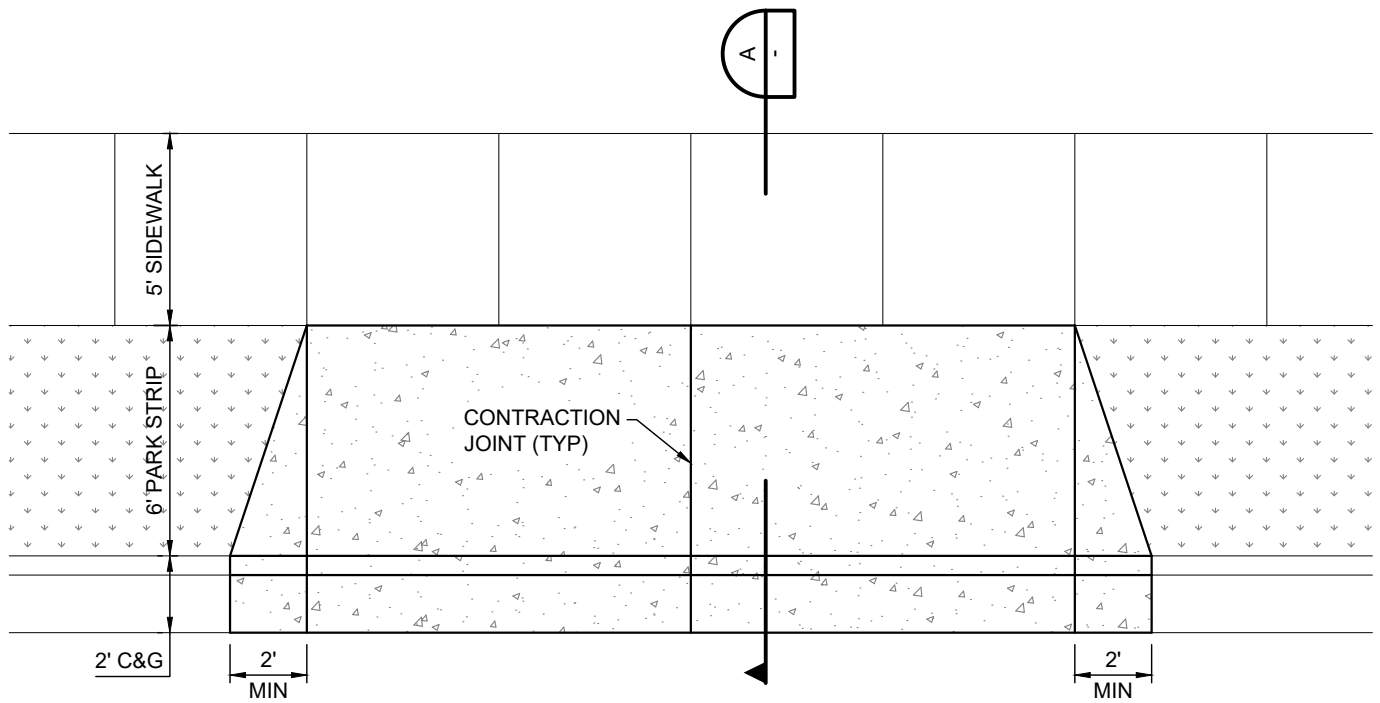


NOT TO SCALE



NOTES:

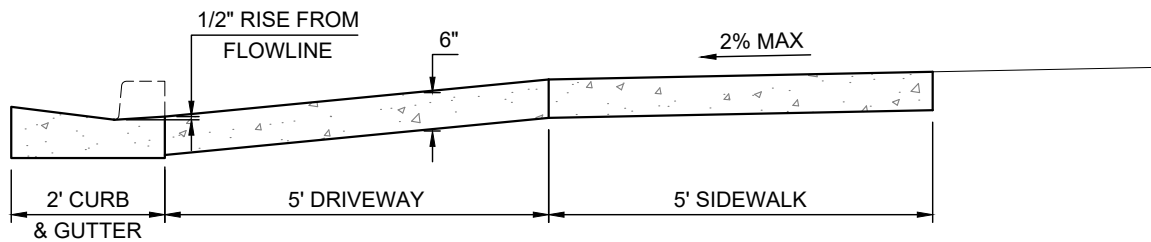
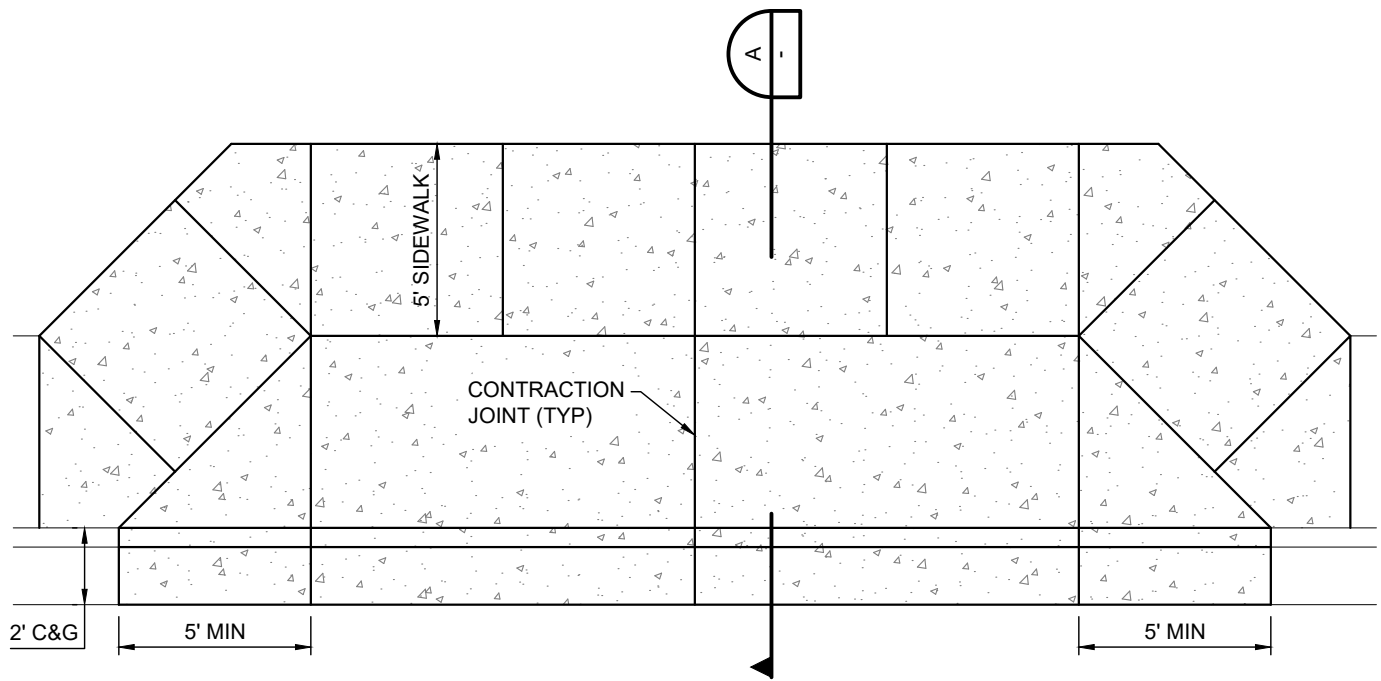
1. UNTREATED BASE COURSE (UTBC)
 - a. MATERIAL PER APWA SECTION 32 11 23. GRAVEL IS NOT ACCEPTABLE AS A BASE COURSE.
 - b. INSTALL PER APWA SECTION 32 05 10. 6" MIN THICKNESS UNDER CURB AND GUTTER, 4" MIN UNDER SIDEWALK.
 - c. COMPACT TO 95% OR GREATER MODIFIED PROCTOR DENSITY PER APWA SECTION 31 23 26.
2. CONCRETE
 - a. USE ONLY 4000 PSI (MIN) CONCRETE FROM A UTAH STATE APPROVED BATCH PLANT. SUBMIT BATCH TICKET WITH INSTALLATION. SMALL BATCH CONCRETE OR CONCRETE FROM ANY SOURCE OTHER THAN A UTAH STATE APPROVED BATCH PLANT IS NOT ACCEPTABLE AND WILL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE.
 - b. INSTALL CONCRETE PER APWA SECTION 03 30 10.
 - c. CONTRACTION JOINTS TO BE VERTICAL, 1/8" WIDE, 2" DEEP.
 - d. INSTALL 1/2" THICK TYPE F1 FULL DEPTH EXPANSION JOINT PER APWA SECTION 32 13 73 WHERE REQUIRED.
 - e. PROVIDE 1/2" RADIUS EDGES UNLESS NOTED OTHERWISE.
 - f. BROOM FINISH AND APPLY CURING AGENT.
3. CONCRETE CURING AGENT TO BE CLEAR MEMBRANE FORMING COMPOUND WITH FUGITIVE DYE (TYPE ID CLASS A) PER APWA SECTION 03 39 00.



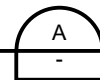
DRIVEWAY - SECTION
NOT TO SCALE

NOTES:

1. UNTREATED BASE COURSE (UTBC)
 - a. MATERIAL PER APWA SECTION 32 11 23. GRAVEL IS NOT ACCEPTABLE AS A BASE COURSE.
 - b. INSTALL PER APWA SECTION 32 05 10. 6" MIN THICKNESS.
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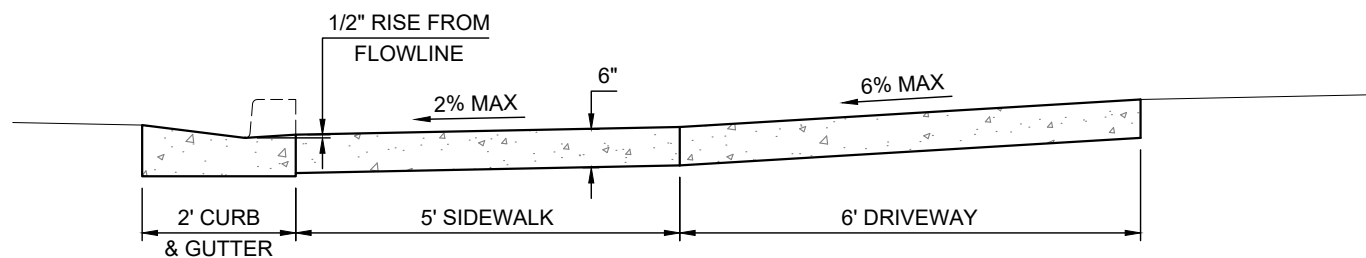
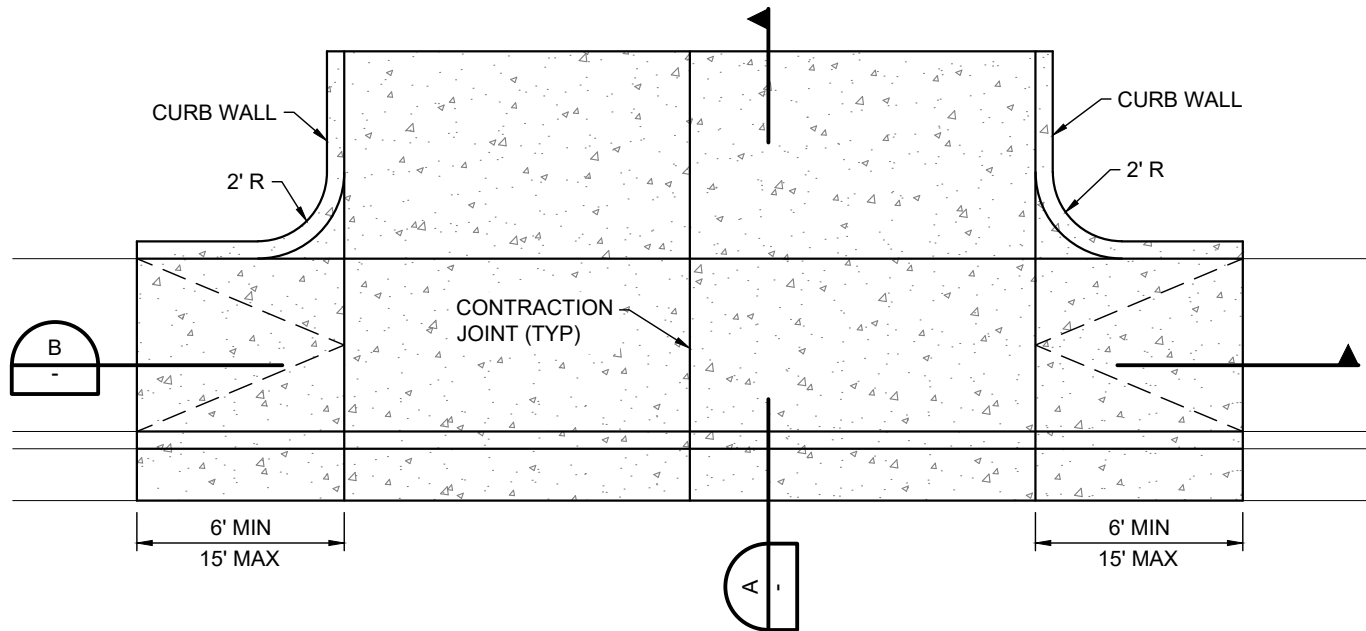


DRIVEWAY - SECTION
NOT TO SCALE



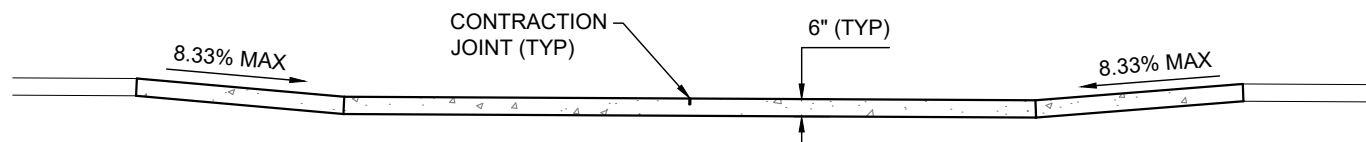
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 - f. BROOM FINISH AND APPLY CURING AGENT.
3. CONCRETE CURING AGENT TO BE CLEAR MEMBRANE FORMING COMPOUND WITH FUGITIVE DYE (TYPE ID CLASS A) PER APWA SECTION 03 39 00.



DRIVEWAY - SECTION

NOT TO SCALE



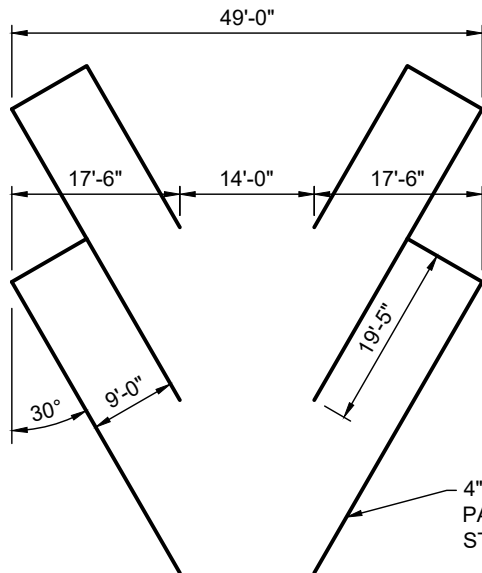
DRIVEWAY - SECTION

NOT TO SCALE



NOTES:

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 - a. MATERIAL PER APWA SECTION 32 11 23. GRAVEL IS NOT ACCEPTABLE AS A BASE COURSE.
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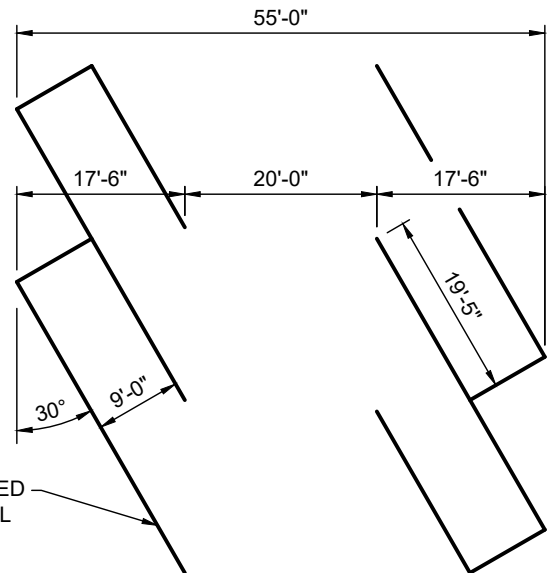


30° PARKING - ONE-WAY

NOT TO SCALE

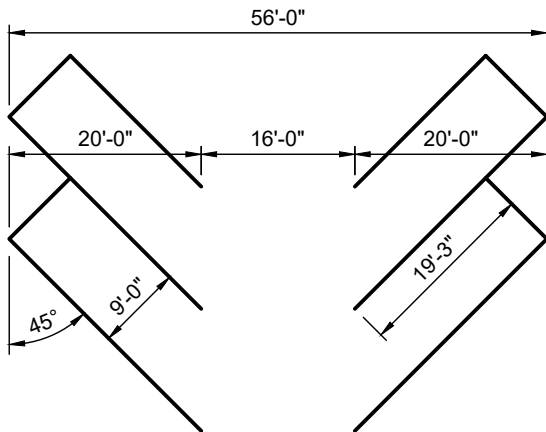
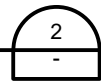


4" WIDE PAINTED
PARKING STALL
STRIPE (TYP)



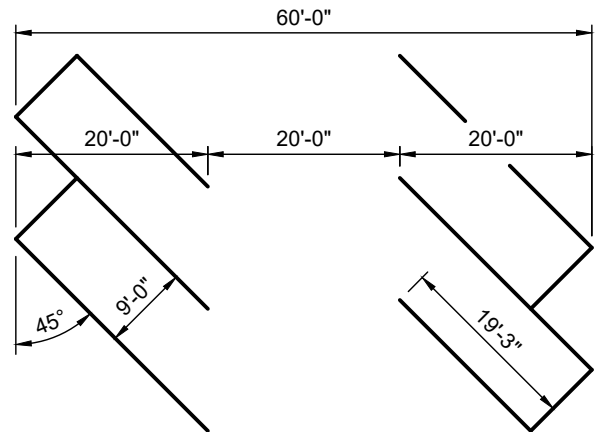
30° PARKING - TWO-WAY

NOT TO SCALE



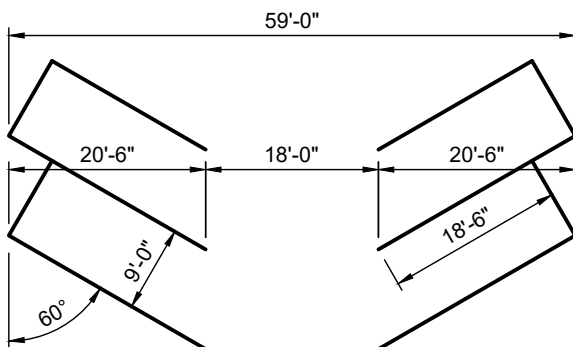
45° PARKING - ONE-WAY

NOT TO SCALE



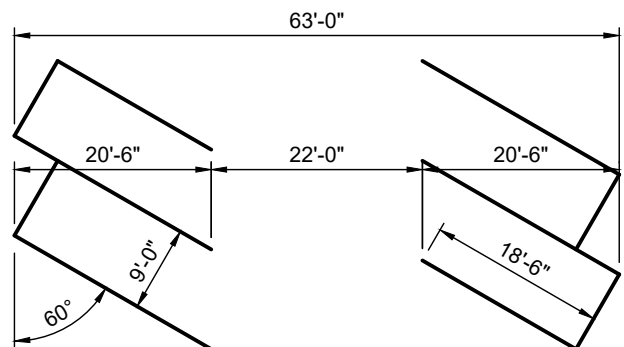
45° PARKING - TWO-WAY

NOT TO SCALE



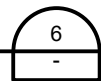
60° PARKING - ONE-WAY

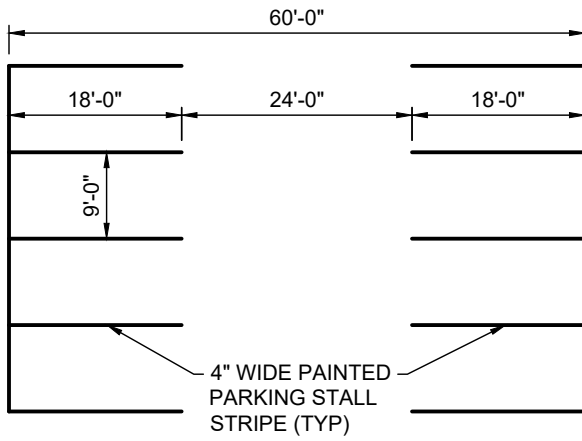
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60° PARKING - TWO-WAY

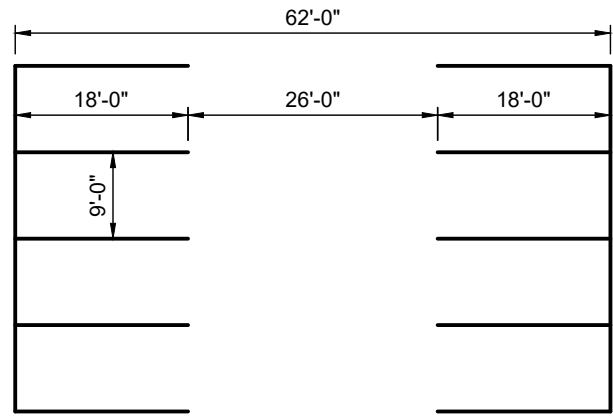
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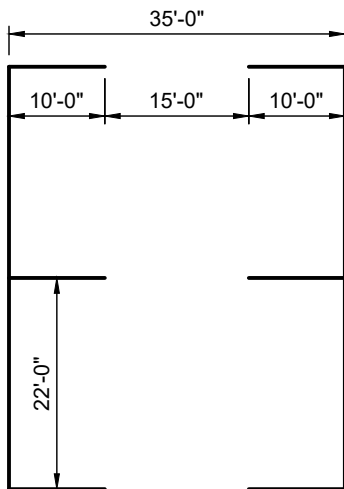
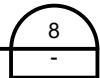
PERPENDICULAR PARKING

NOT TO SCALE



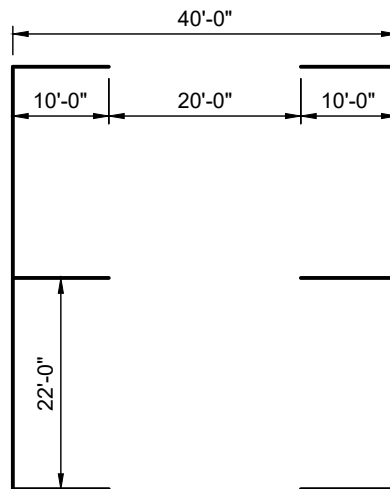
**PERPENDICULAR PARKING
FIRE APPARATUS ACCESSIBLE**

NOT TO SCALE



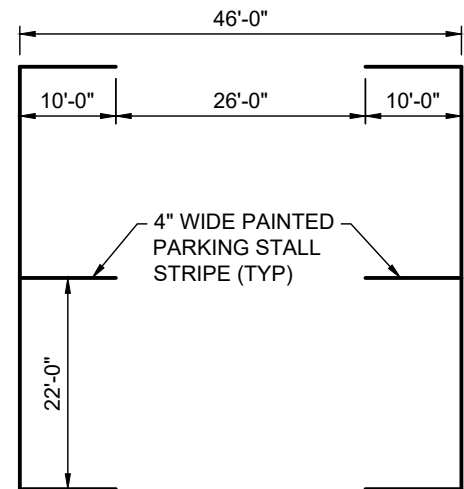
**PARALLEL
PARKING -
ONE-WAY**

NOT TO SCALE



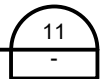
**PARALLEL
PARKING -
TWO-WAY**

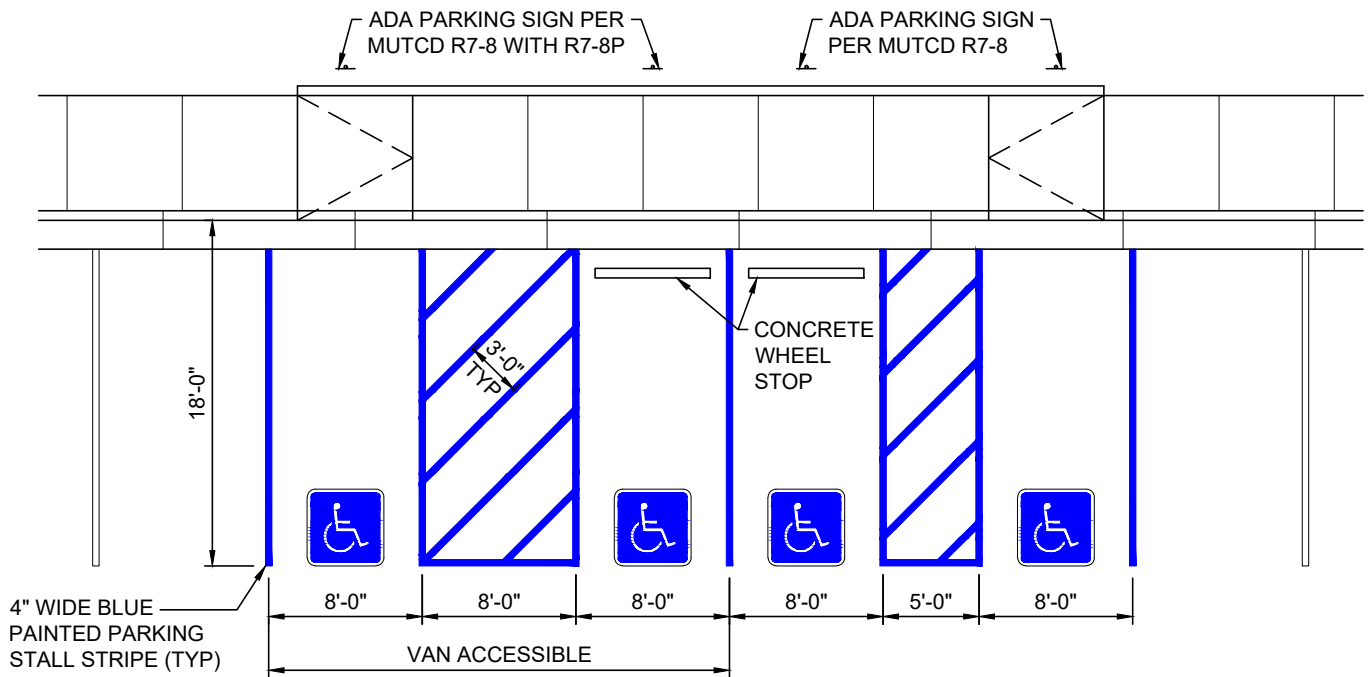
NOT TO SCALE



**PARALLEL PARKING
FIRE APPARATUS
ACCESSIBLE**

NOT TO SCALE





ADA ACCESSIBLE PARKING - PLAN

NOT TO SCALE



12" x 18"
ALUMINUM SIGN
PER MUTCD R7-8

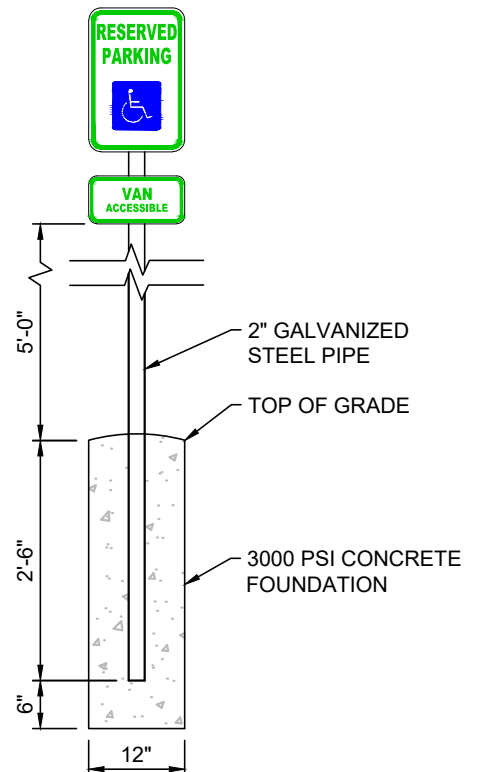


12" x 6"
ALUMINUM SIGN
PER MUTCD R7-8P



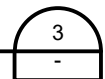
ADA PARKING SIGN

NOT TO SCALE

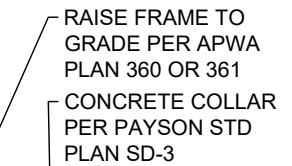
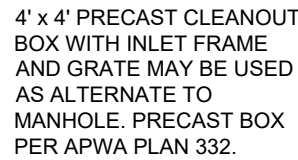


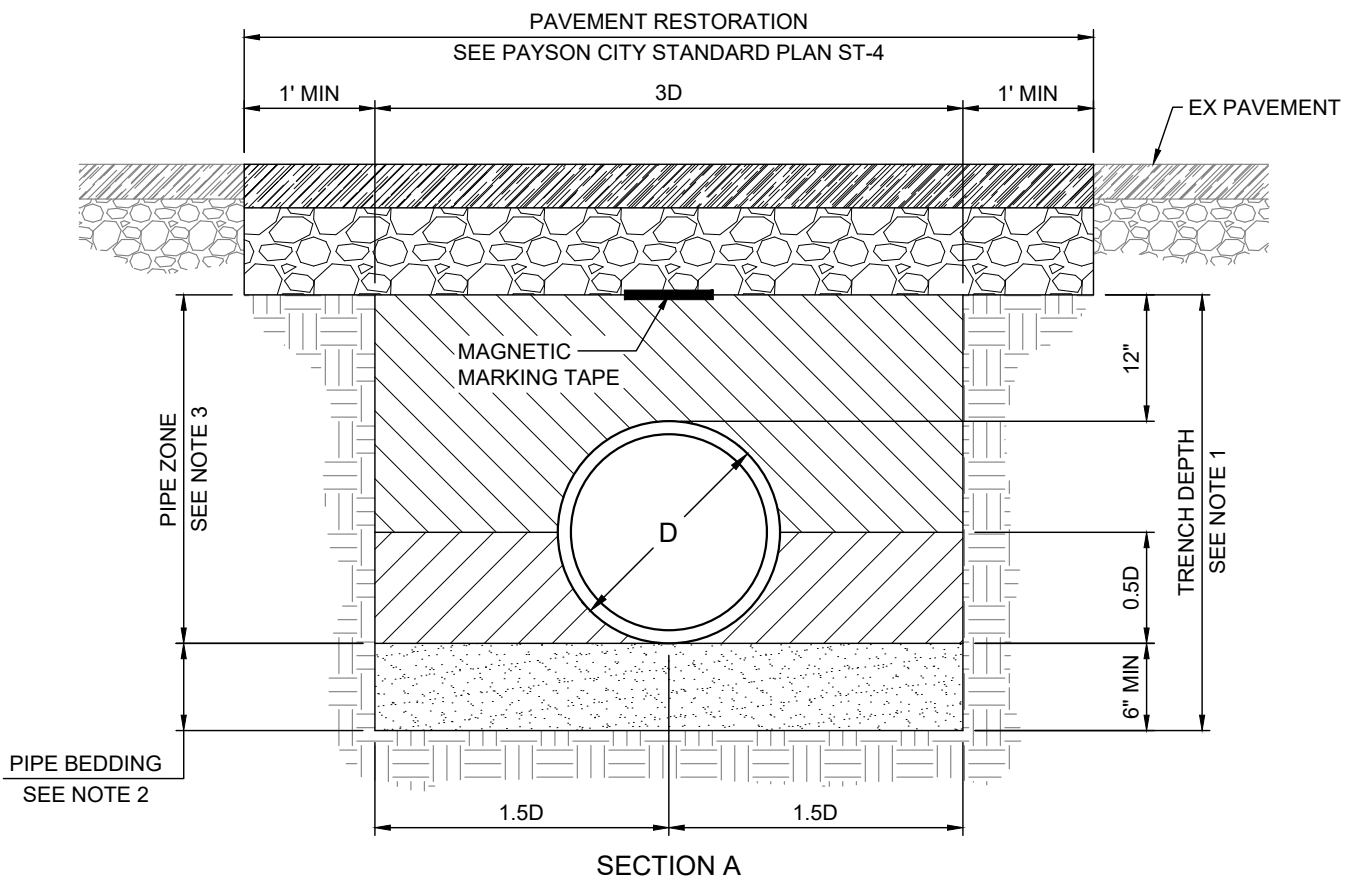
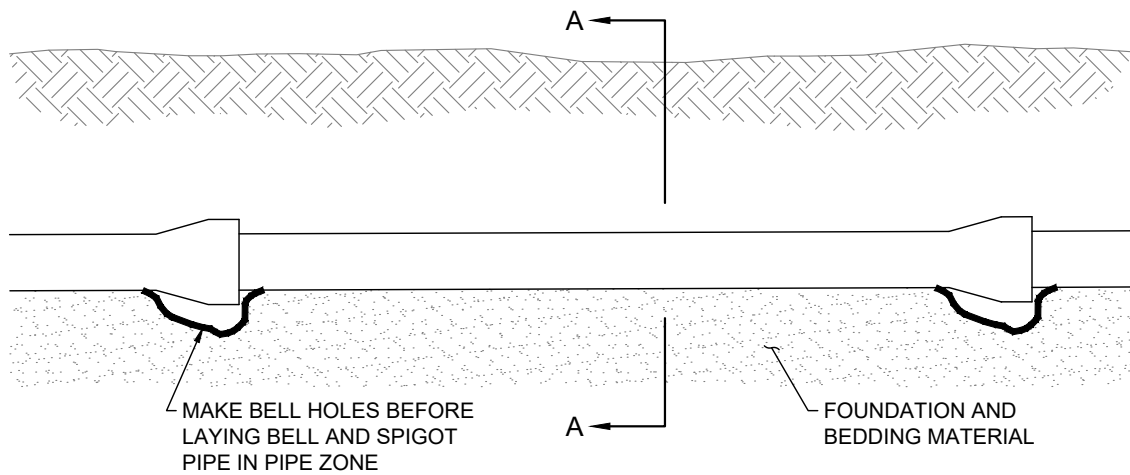
SIGN POLE AND BASE

NOT TO SCALE



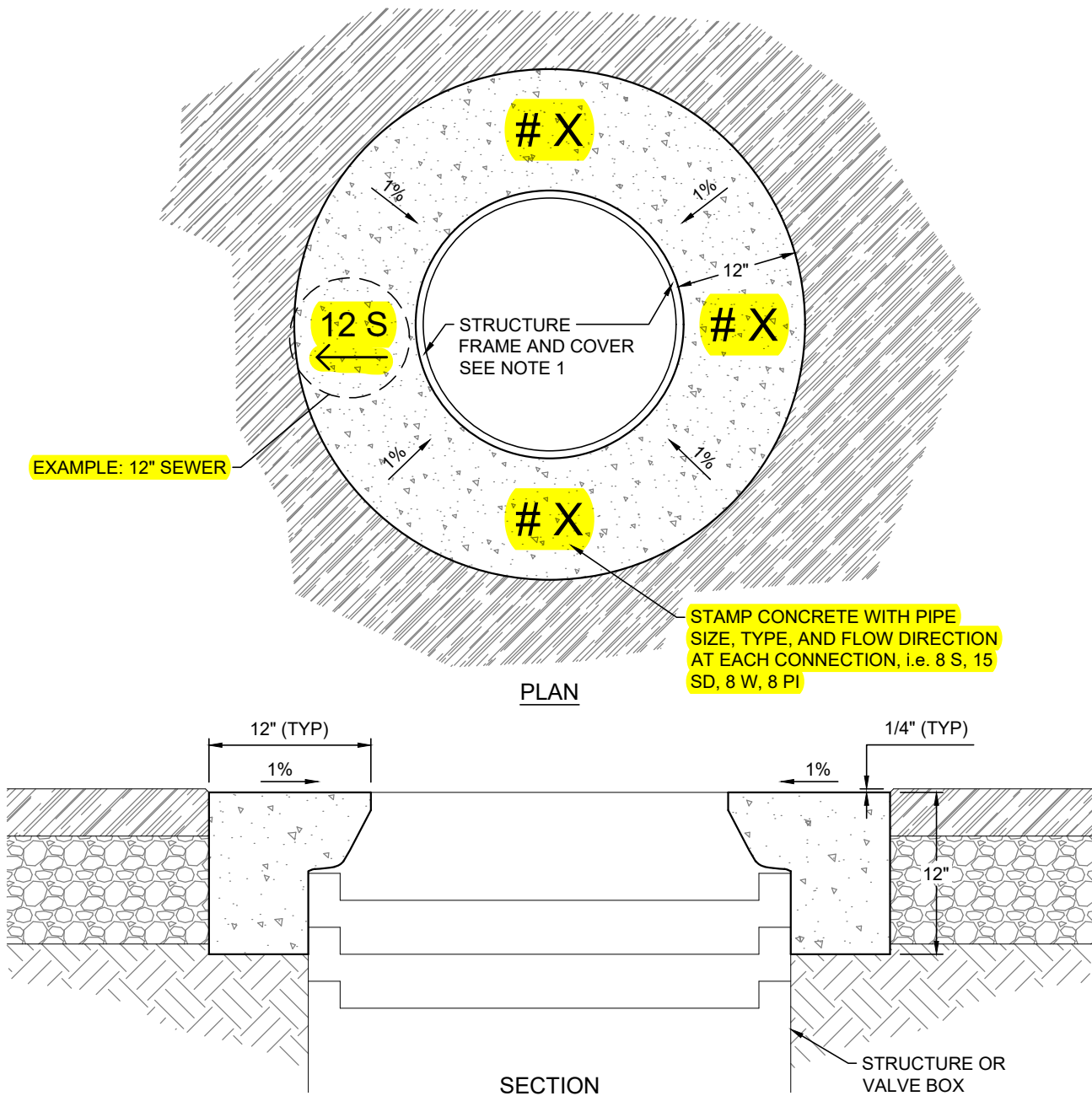
1. ALL STRUCTURES AND PARTS OF STRUCTURES SHALL BE PRE-CAST TO CONFORM TO ASTM C478
2. THE PRE-TREATMENT STRUCTURE SHALL BE CONSTRUCTED TO ENSURE WATER TIGHTNESS
3. SNOOT OR APPROVED EQUIVALENT PRE-TREATMENT DEVICE MAY BE USED AS ALTERNATE TO PIPE CONFIGURATION SHOWN IN THE DETAIL BELOW
4. THE SUMP SHALL BE LOCATED 5' (MIN) OFFSET FROM PRE-TREATMENT STRUCTURE AND PERPENDICULAR TO GUTTER ALIGNMENT
5. THE SUMP LID SHALL NOT BE LOCATED IN THE SIDEWALK SECTION
6. ANY APPROVED EQUIVALENTS REQUIRE CITY ENGINEER'S WRITTEN APPROVAL
7. D & L I-3518 OR APPROVED EQUIVALENT IS PREFERRED FOR CURB FACED INLETS
8. SWPP BMPs TO BE REMOVED AND ALL STORM DRAIN STRUCTURES AND LINES TO BE CLEANED AND CCTV INSPECTION PERFORMED PRIOR TO FINAL ACCEPTANCE





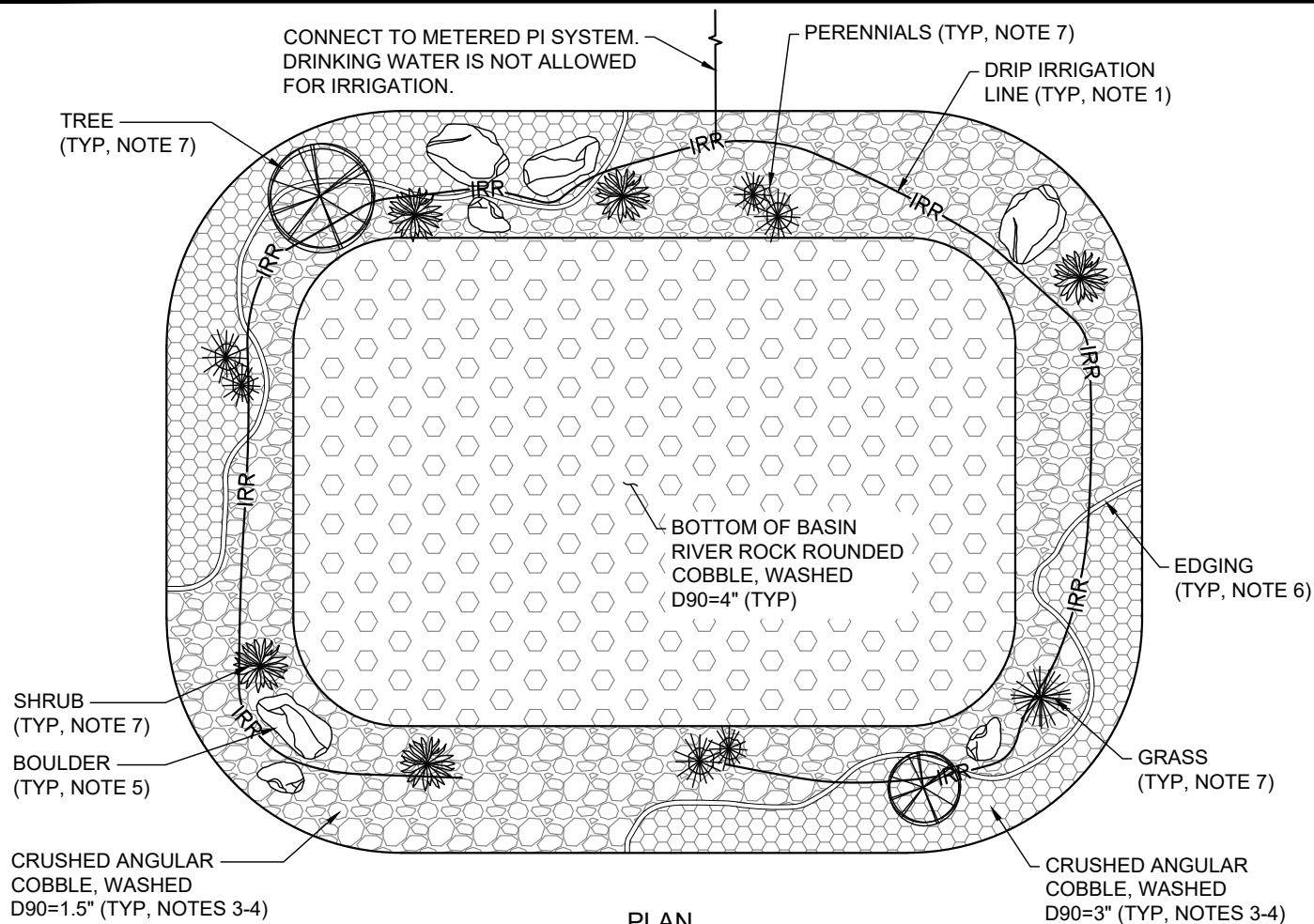
NOTES:

1. IF DEPTH OF TRENCH IS GREATER THAN 4-FT AND SHORES OR TRENCH SUPPORTS ARE NOT USED, SLOPES ARE REQUIRED PER OSHA REGULATIONS. REFER TO APWA PLAN 381 FOR ADDITIONAL INFORMATION.
2. PIPE BEDDING: UNTREATED BASE COURSE PER APWA SECTION 32 11 23. INSTALL PER APWA SECTION 33 05 20.
3. PIPE ZONE BACKFILL: A-1-A OR NATIVE MATERIAL (UPON APPROVAL) PER APWA SECTION 31 05 13. MATERIAL MUST MEET APWA STANDARD FOR GRANULAR BORROW. COMPACT TO 96% DENSITY PER ASTM D-1557. CONTRACTOR MUST SUBMIT GRADATION AND PROCTOR DENSITY DATA OF NATIVE MATERIAL TO BE CONSIDERED FOR BACKFILL. ALL NATIVE MATERIAL TO BE USED AS FILL MUST HAVE ALL ORGANIC MATERIAL, RUBBISH, DEBRIS, AND OTHER OBJECTIONABLE MATERIALS REMOVED.



NOTES:

1. STRUCTURE FRAME AND COVER:
STORM DRAIN - APWA PLAN 302 OR 303
SANITARY SEWER - APWA PLAN 402
WATER - APWA PLAN 502 OR CAST IRON VALVE BOX
2. USE ONLY 4000 PSI CONCRETE MEETING APWA SECTION 03 30 04.
3. PROVIDE A NEAT VERTICAL AND CONCENTRIC JOINT BETWEEN CONCRETE AND PAVED SURFACE. CLEAN EDGES OF ALL DIRT, OIL, AND LOOSE DEBRIS.
4. INSTALL 12" THICK CONCRETE COLLAR ACCORDING TO APWA SECTION 03 30 10. APPLY BROOM FINISH AND CURING AGENT PER APWA SECTION 03 39 00.
5. PROVIDE 1/4" LIP FROM TOP OF PAVEMENT TO TOP OF CONCRETE COLLAR. SLOPE COLLAR TOWARDS THE CENTER AND STRUCTURE COVER. NO DEVIATION FROM THIS STANDARD IS PERMITTED. LIPS GREATER THAN 1/4" WILL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.



CONCRETE COLLAR PER PAYSON STD PLAN SD-3

FRAME AND COVER PER
APWA PLAN 402

INFRA-RISER, WHIRLYGIG, PRECISION
HARDWARE, OR APPROVED EQUIVALENT
REQ'D TO MAKE LID FLUSH W/ FINAL
SURFACE. (NO SHIMS ALLOWED)

CORROSION RESISTANT
STEPS INSTALLED @ 10" O.C.

KENT SEAL

KENT SEAL

FOR ALL PIPES
GREATER THAN 14" DIA

SET LEG IN
CONCRETE
BASE

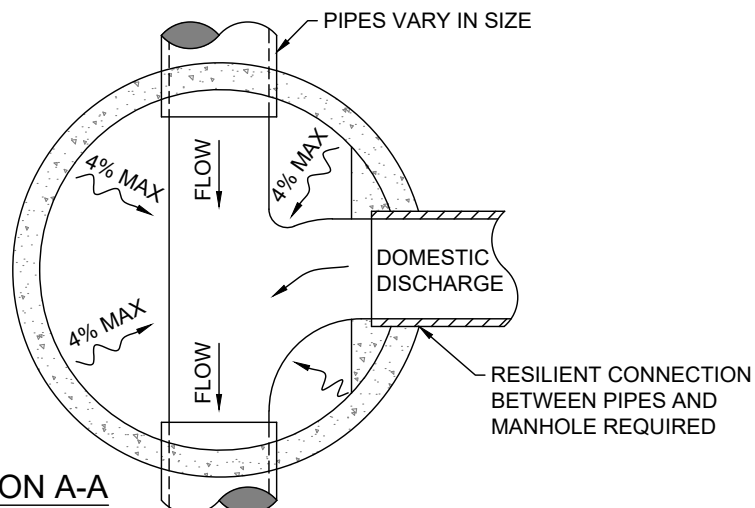
PRECAST BASE WITH RUBBER BOOT

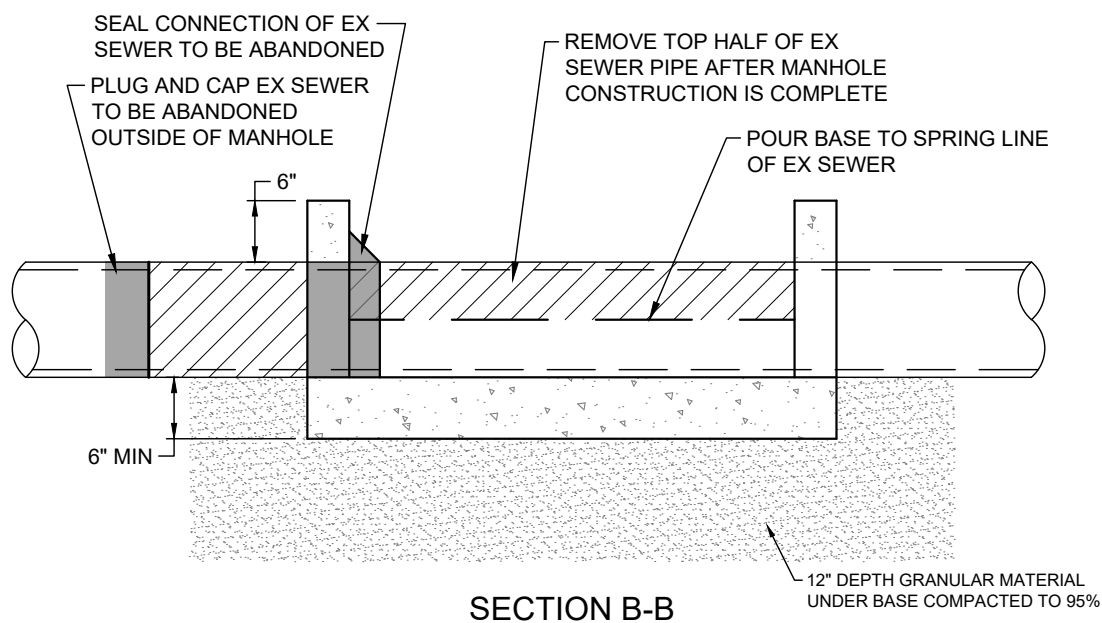
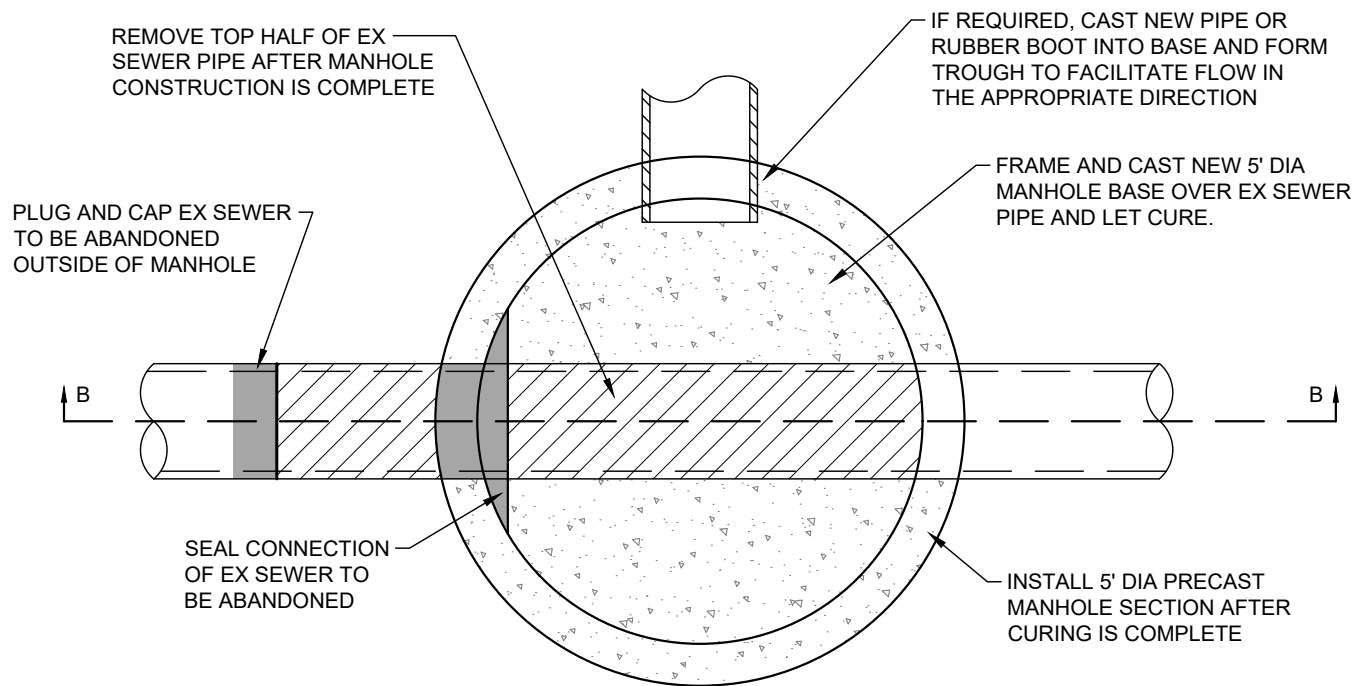
12" DEPTH GRANULAR MATERIAL
UNDER BASE COMPACTED TO 95%

NOTES:

1. MANHOLE BASE AND PRECAST TO
CONFORM TO ASTM C478
2. NO 4" LATERAL CONNECTIONS
ALLOWED INTO MANHOLES
3. NO REVERSIBLE HARDWARE
ALLOWED

SECTION A-A

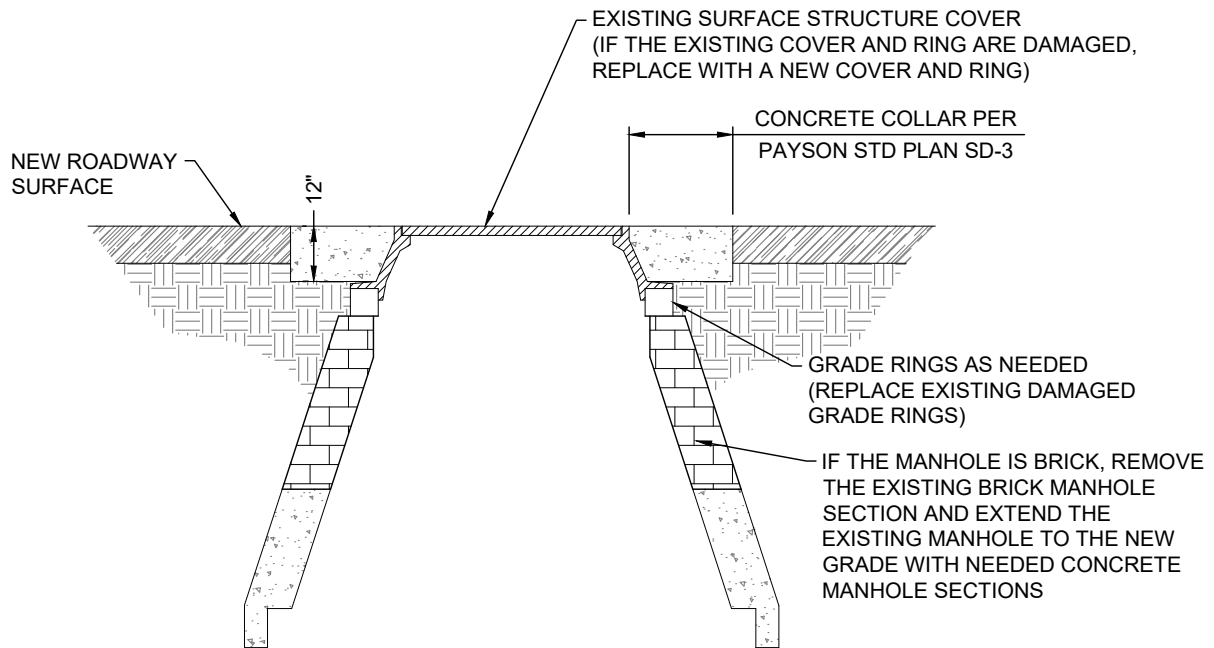




SECTION B-B

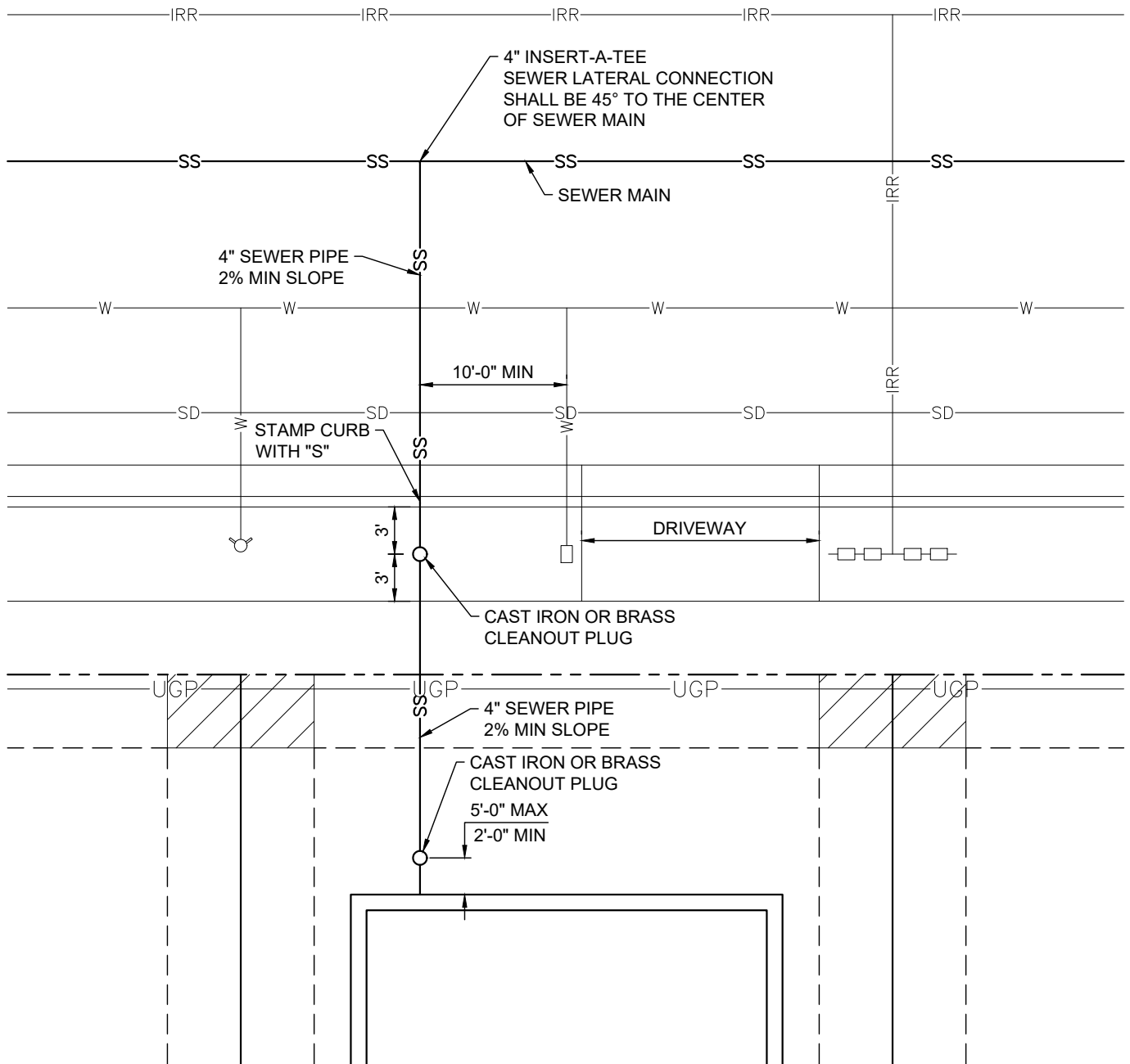
NOTES:

1. CAST-IN-PLACE MANHOLE BASE IS TO BE USED ONLY WHEN EXISTING SEWER IS TO REMAIN IN SERVICE DURING CONSTRUCTION AND A PORTION TO BE ABANDONED AFTER CONSTRUCTION IS COMPLETE.
2. ONLY BASE IS PERMITTED TO BE CAST-IN-PLACE. MANHOLE BARREL SECTIONS AND CONE TO BE PRECAST.
3. ALL PRECAST TO CONFORM TO ASTM C478.
4. REFER TO SHEET 1 FOR MANHOLE DETAIL.



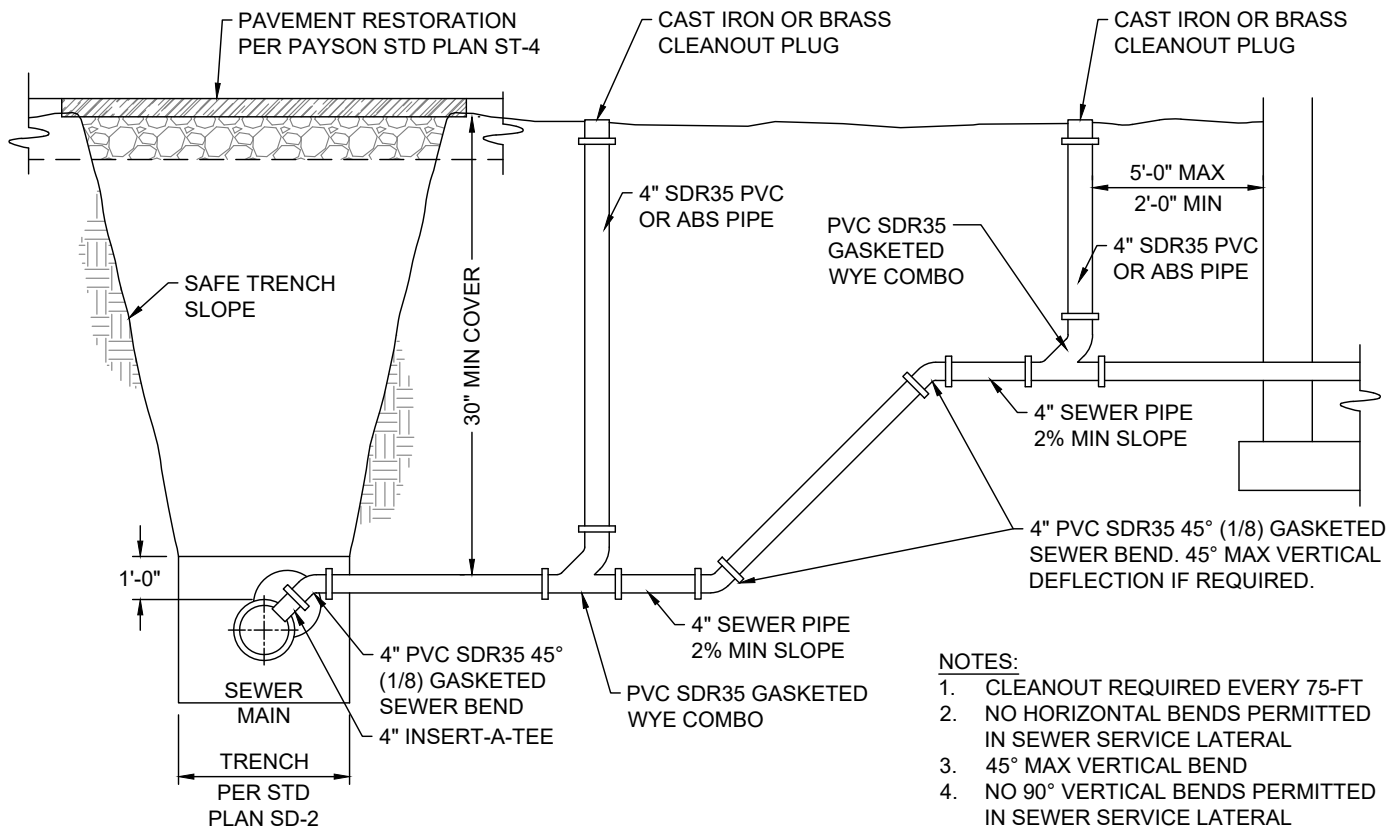
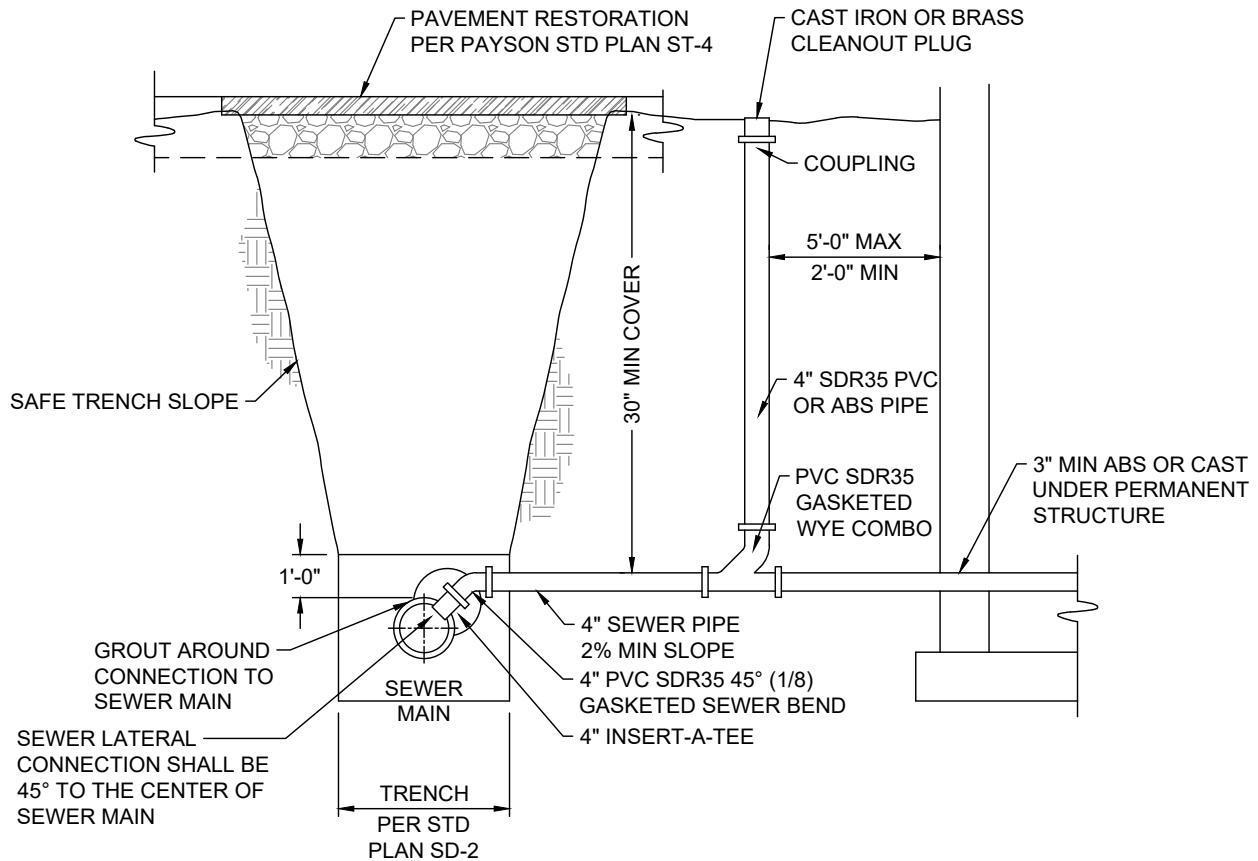
NOTES:

1. CONCRETE COLLARS PER PAYSON STANDARD PLAN SD-3.
2. SURFACE/COVERS/LIDS STRUCTURES SHALL BE BURIED NO MORE THAN 10 CONTINUOUS CALENDAR DAYS
3. KEEP LID 1/4" LOW WHEN LEVELING HARDWARE DURING COLLAR INSTALLATION
4. 12" MAX CONCRETE RISERS AND 3" MAX METAL GRADE RINGS ALLOWED
5. REVERSIBLE HARDWARE IS NOT ALLOWED



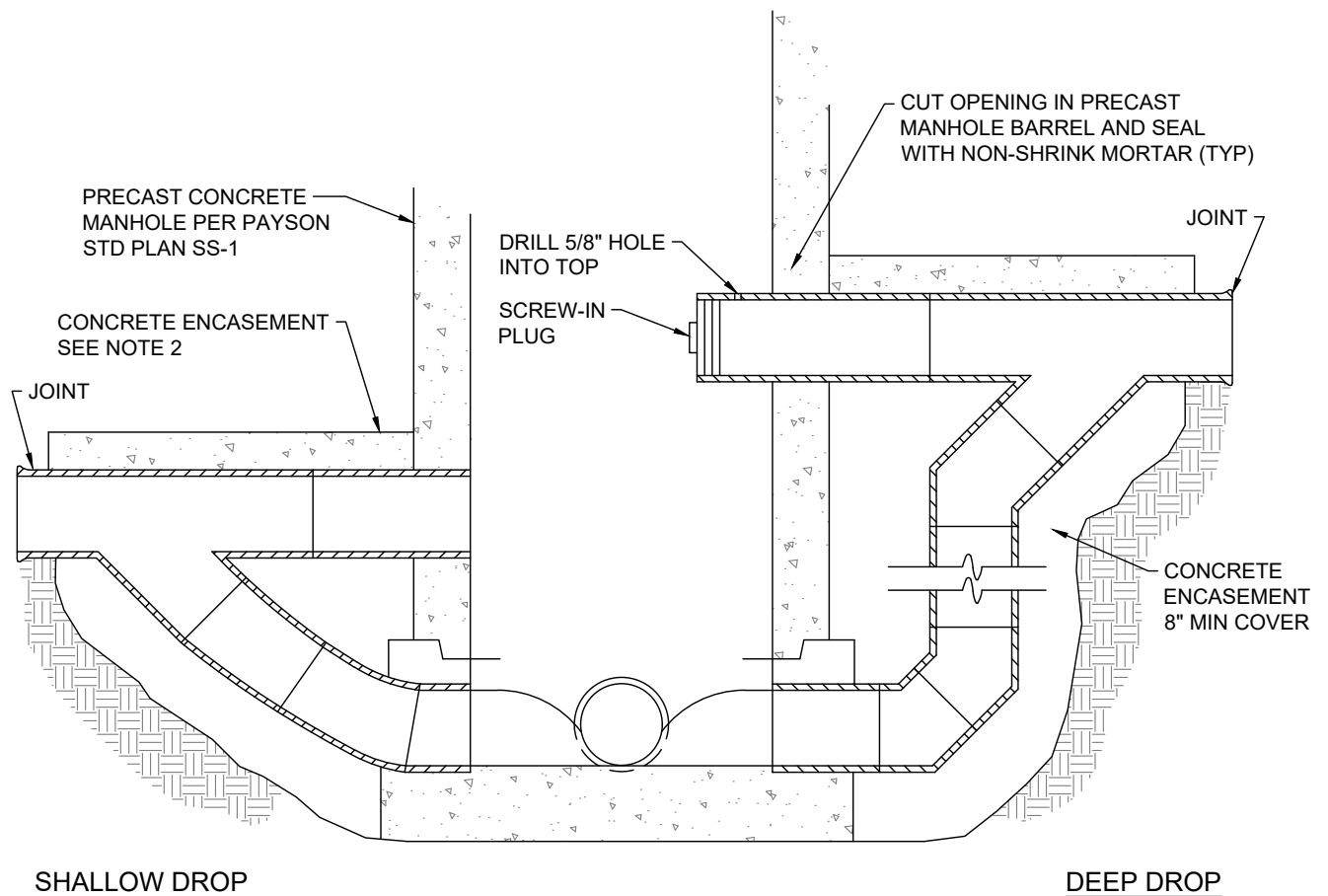
NOTES:

1. CLEANOUT REQUIRED EVERY 75-FT
2. NO HORIZONTAL BENDS PERMITTED IN SEWER SERVICE LATERAL
3. 45° MAX VERTICAL BEND
4. NO 90° VERTICAL BENDS PERMITTED IN SEWER SERVICE LATERAL



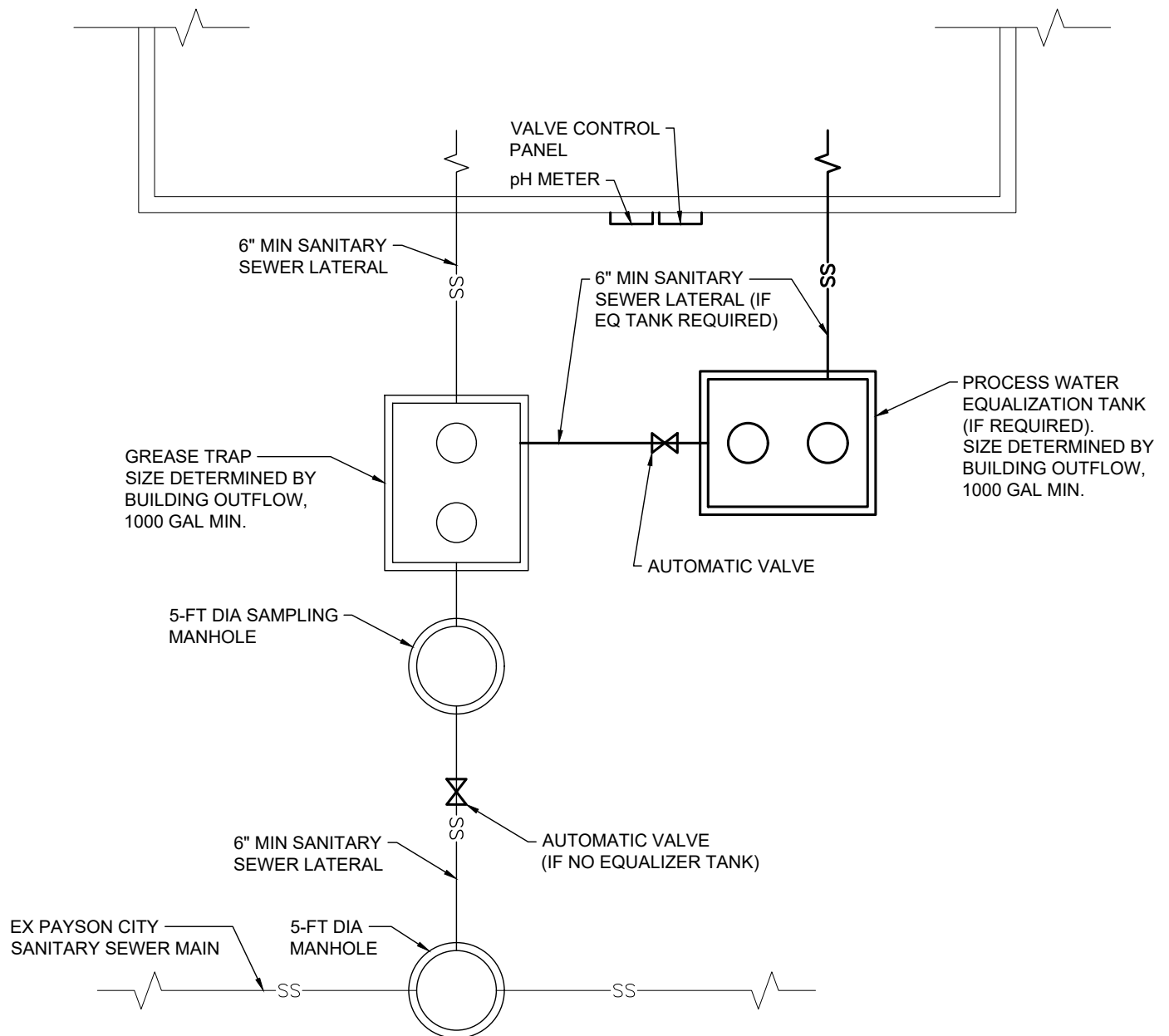
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3. 45° MAX VERTICAL BEND
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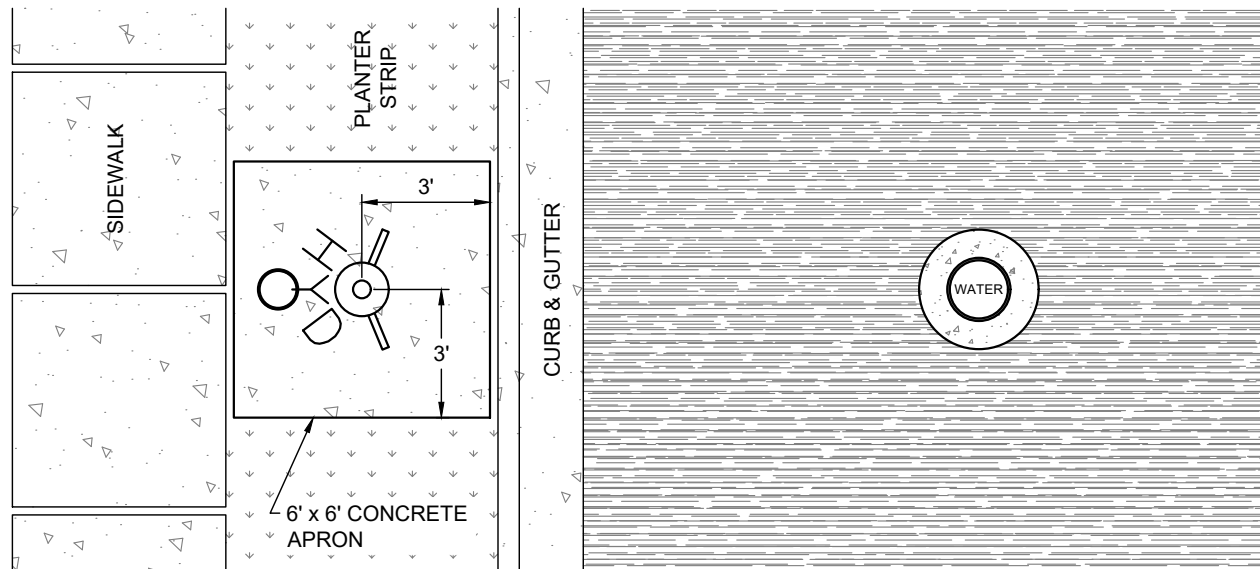
NOTES:

1. 2500 PSI CONCRETE PLACED AGAINST UNDISTURBED MATERIAL OR SHEETING
2. EXTEND ENCASEMENT TO FIRST JOINT BEYOND EXCAVATION FOR DROP CONNECTION
3. DROP PIPE TO BE SAME DIAMETER AS SEWER DISCHARGING INTO MANHOLE FOR SEWERS UP TO AND INCLUDING 12" DIAMETER

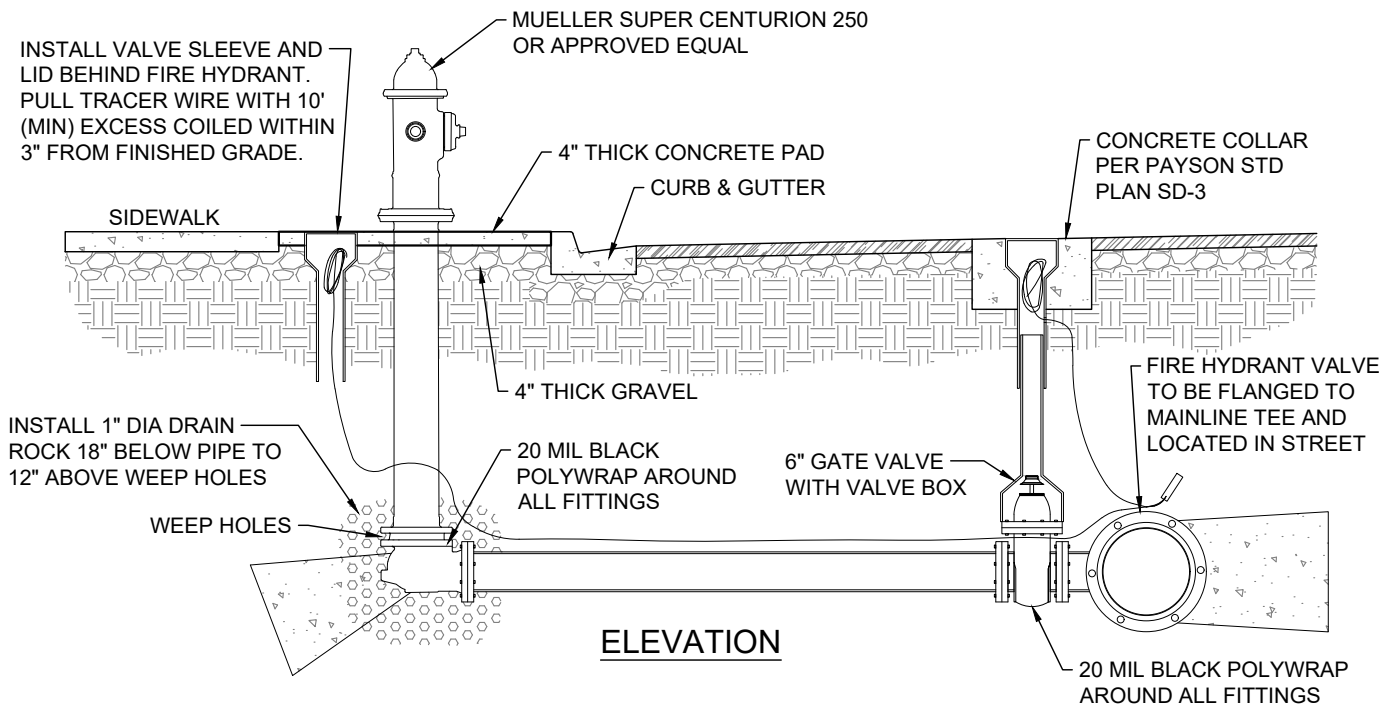


NOTES:

1. DETAIL APPLIES TO ALL FACILITIES THAT PRODUCE WASTEWATER TOO ACIDIC TO BE INTRODUCED INTO THE PAYSON CITY WASTEWATER TREATMENT FACILITY.
2. ALL SEWER STRUCTURES AND MANHOLES DOWNSTREAM OF FACILITY MUST BE ACID RESISTANT.
3. IF REQUIRED, PROCESS WATER TO REMAIN IN EQUALIZATION TANK UNTIL pH REACHES A VALUE WITHIN THE PERMITTED RANGE.
4. IF NO EQUALIZATION TANK IS REQUIRED, CONNECT pH METER TO SAMPLING MANHOLE AND INSTALL AUTOMATIC VALVE ON SEWER LATERAL DOWNSTREAM OF SAMPLING MANHOLE.
5. CONFIGURE VALVE TO CLOSE AUTOMATICALLY IF pH REACHES A VALUE OUTSIDE THE RANGE SPECIFIED ON THE PERMIT.
6. PROCESS WATER TO PASS THROUGH GREASE INTERCEPTOR PRIOR TO RELEASE INTO CITY SEWER SYSTEM.
7. FACILITY REQUIRING PRE-TREATMENT OF PROCESS WATER MUST HAVE CONTINUOUS pH MONITORING AND SUBMIT REPORTS TO THE PAYSON CITY WASTEWATER TREATMENT PLANT AT INTERVALS AS REQUIRED BY THE PRE-TREATMENT PERMIT.
8. PROCESS WATER SAMPLES MUST BE TAKEN IN PERSON BY A REPRESENTATIVE OF PAYSON CITY, AT INTERVALS AS REQUIRED BY THE PRE-TREATMENT PERMIT.
9. FAILURE TO FOLLOW THE PROCEDURES OUTLINED WILL RESULT IN THE ASSESSMENT OF THE MAXIMUM PENALTY ALLOWED BY LAW AND THE FACILITY VIOLATING THESE PROCEDURES WILL BE REPORTED TO THE ENVIRONMENTAL PROTECTION AGENCY (EPA) AND THE DIVISION OF WATER QUALITY (DWQ).
10. ADDITIONALLY THE FACILITY WILL BE DISCONNECTED FROM THE CITY SEWER SYSTEM AND WILL REMAIN SHUT DOWN UNTIL AN APPROPRIATE ALTERNATIVE IS IN PLACE.
11. ALL REQUIRED MAINTENANCE AND TESTING OF PROCESS WATER AND PRE-TREATMENT STRUCTURE AND CONTROLS TO BE AT THE EXPENSE OF THE BUSINESS OWNER.



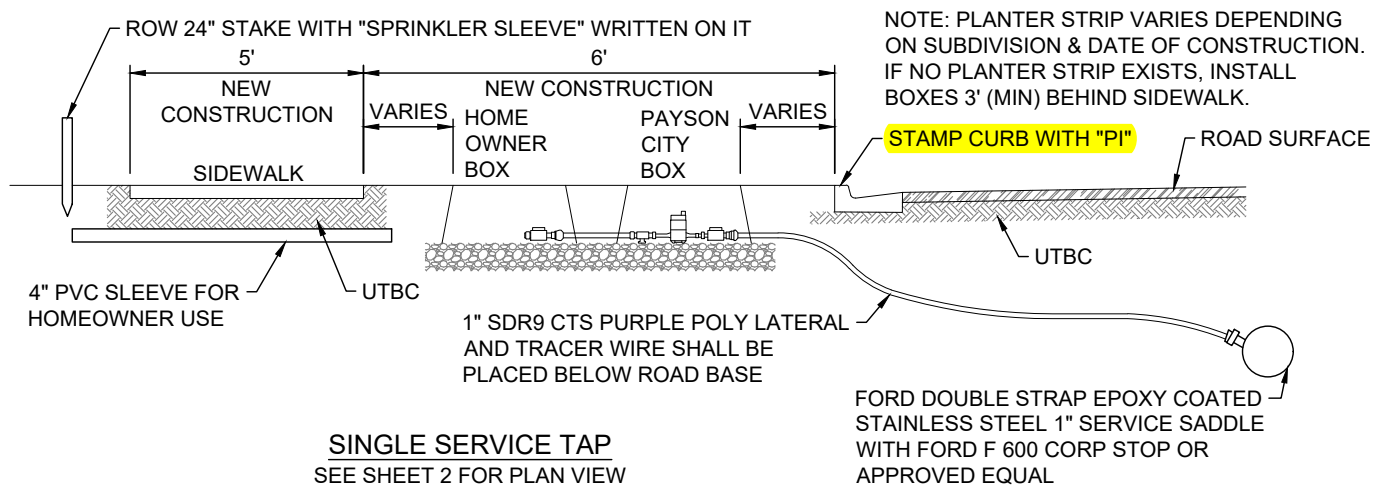
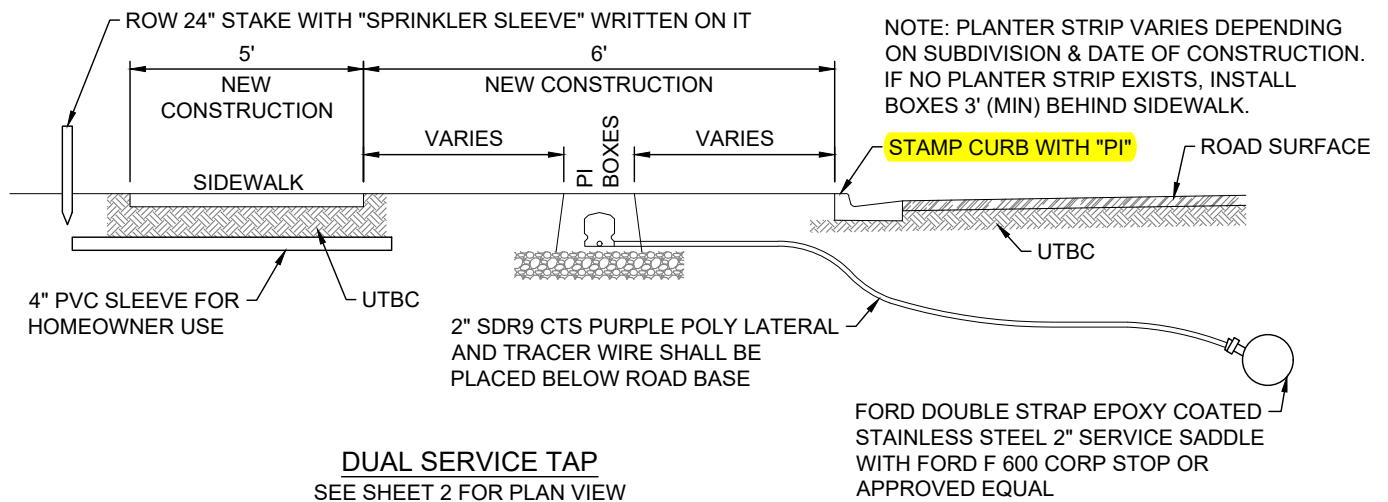
PLAN VIEW



ELEVATION

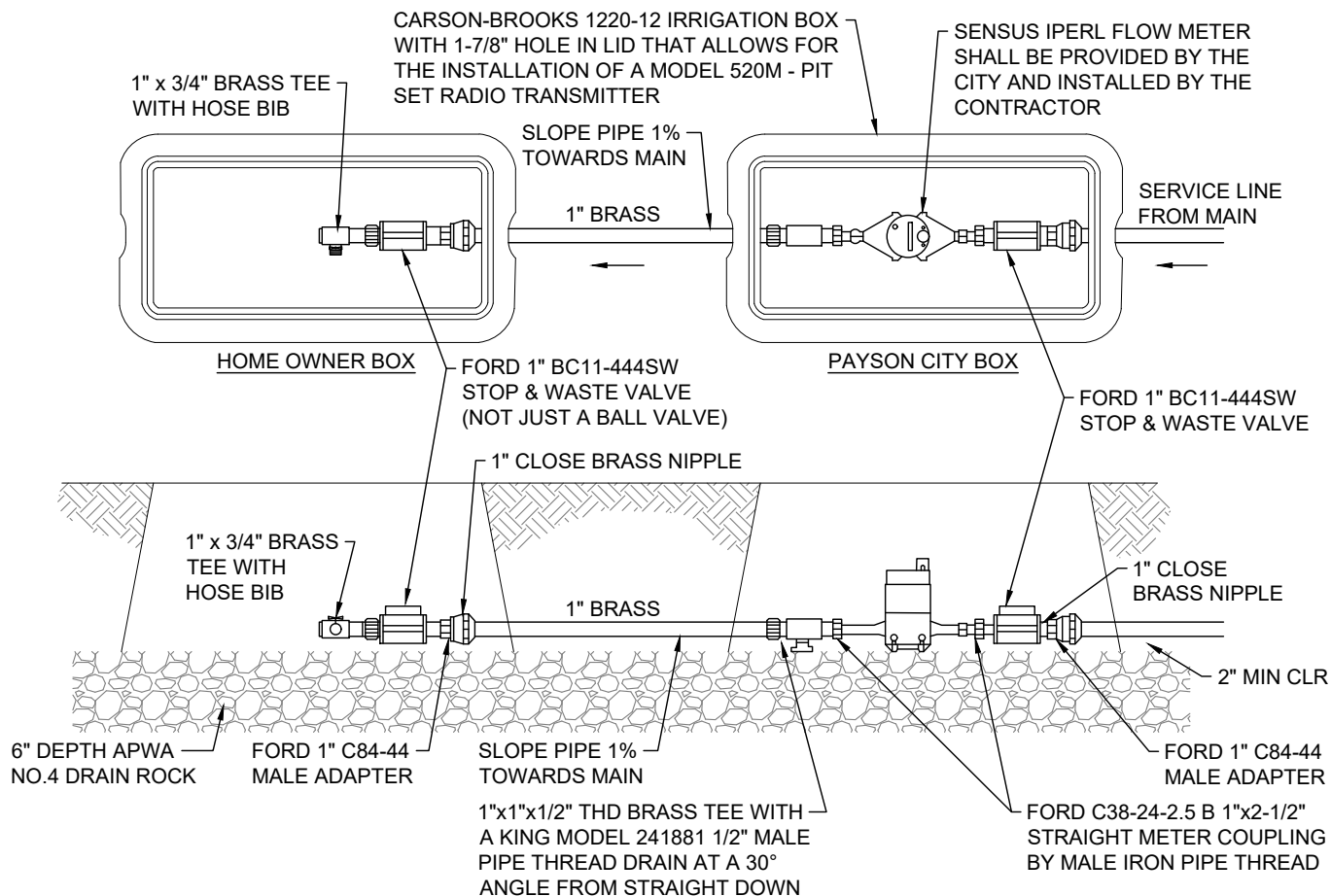
NOTES:

1. LOCATE FIRE HYDRANT IN MIDDLE OF 6' x 6' CONCRETE APRON.
2. UNTREATED BASE COURSES: PROVIDE MATERIAL SPECIFIED IN APWA SECTION 32 11 23. DO NOT USE GRAVEL OR SEWER ROCK. PLACE PER APWA SECTION 32 05 10. COMPACT PER APWA SECTION 31 23 26 TO A MODIFIED PROCTOR DENSITY OF 95-PERCENT OR GREATER. MAXIMUM LOOSE LIFT THICKNESS IS 8-INCHES.
3. CONCRETE: CLASS 4000 PER APWA SECTION 03 30 04. PLACE PER APWA SECTION 32 16 13. CURE PER APWA SECTION 03 39 00.
 - a. IF NECESSARY, PROVIDE CONCRETE THAT ACHIEVES DESIGN STRENGTH IN LESS THAN 7 DAYS. USE CAUTION, HOWEVER, AS SPIDER CRACKS DEVELOP IF AIR TEMPERATURE EXCEEDS 90°F.
 - b. UNLESS SHOWN OTHERWISE, PROVIDE 1/2-INCH RADIUS IN CONCRETE EDGES EXPOSED TO PUBLIC VIEW.
4. EXPANSION JOINTS: FULL DEPTH 1/2-INCH THICK TYPE F1 JOINT FILLER MATERIAL PER APWA SECTION 32 16 13 MUST BE PLACED BETWEEN THE SIDEWALK AND THE APRON.
5. FINISH: FINE HAIR BROOM.
6. HYDRANT: INSTALL HYDRANT PER MANUFACTURER'S SPECIFICATIONS.
7. HYDRANT VALVE: INSTALL VALVE ON THE MAIN WITH A FLANGE CONNECTION TO TEE.

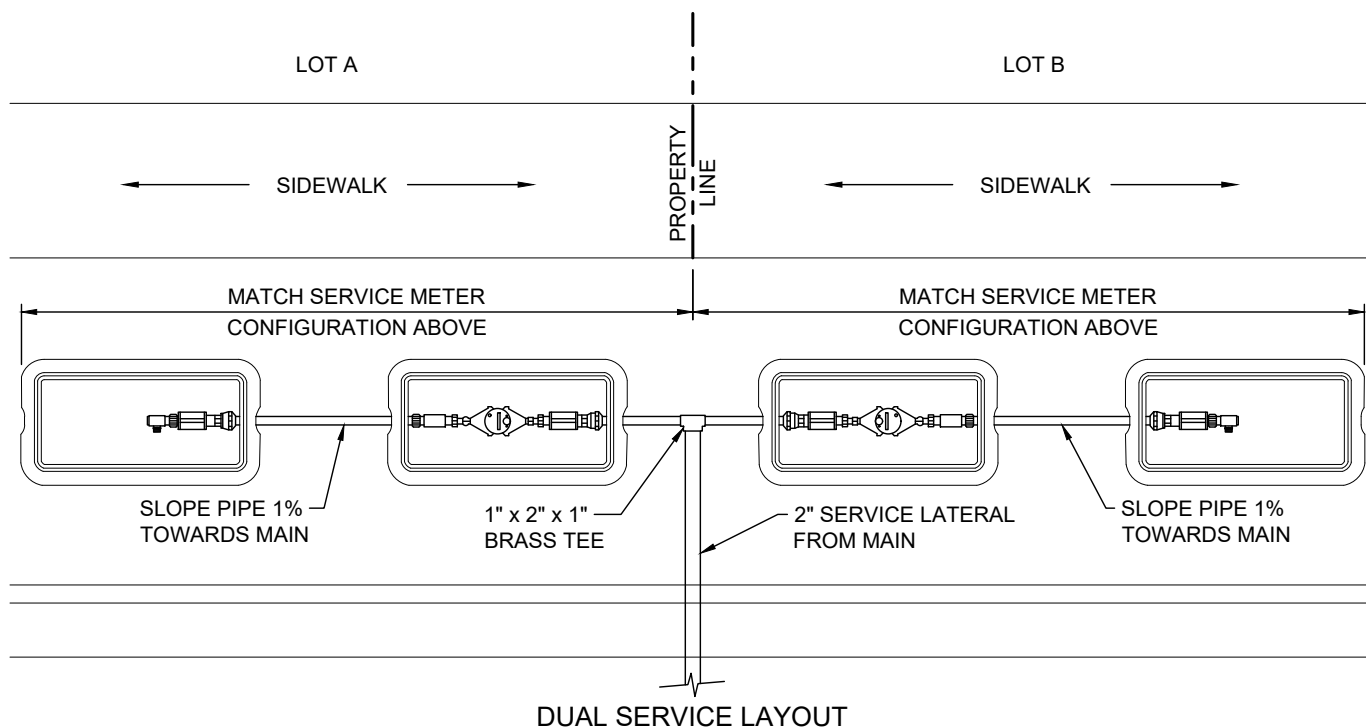


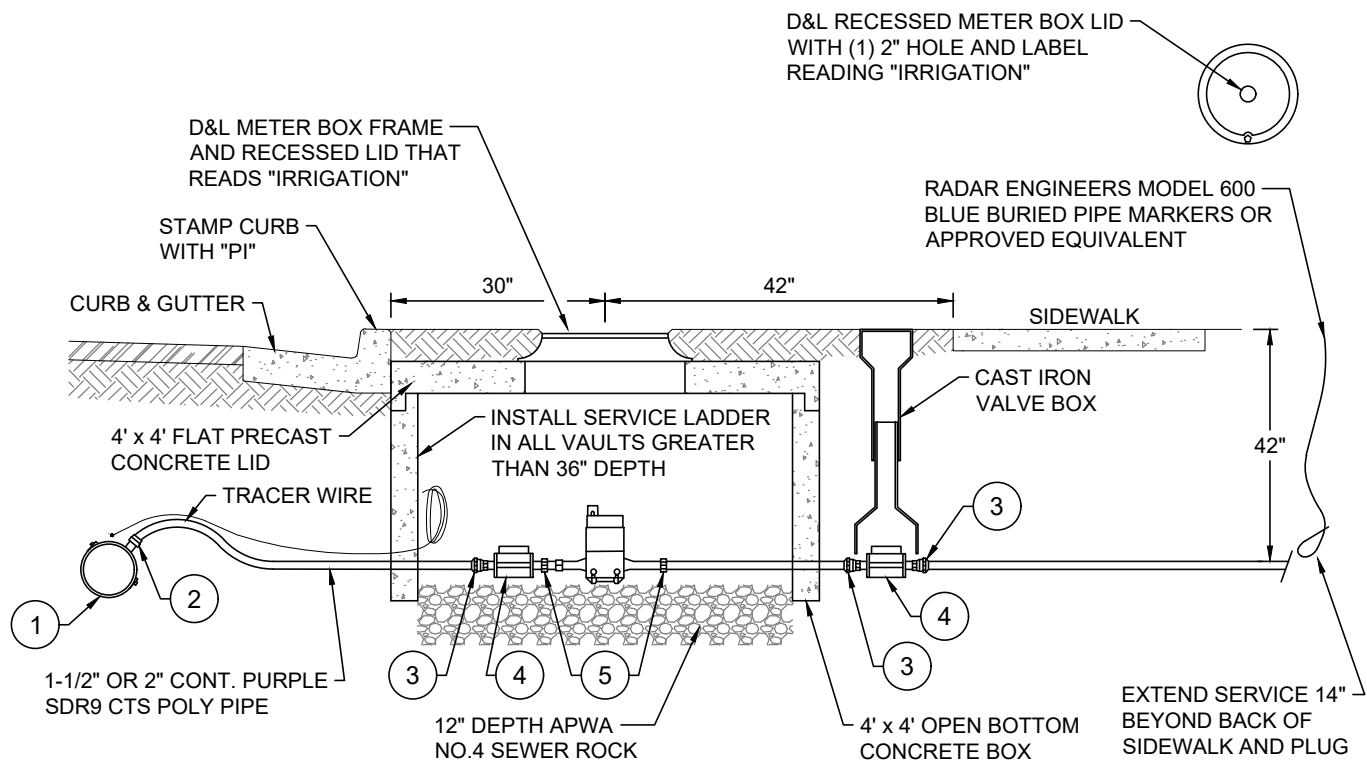
NOTES:

1. ALL MATERIALS TO BE BRASS AND SDR9 CTS POLY.
2. INSPECTION REQUIRED PRIOR TO BACKFILLING.
3. INSTALL ALL BACKFILL IN LIFTS NOT EXCEEDING 6" AFTER COMPACTION. COMPACT EACH LIFT TO AN AVERAGE DRY DENSITY OF 96% OF OPTIMUM WITH NO DENSITY TEST RESULT LESS THAN 92% OF OPTIMUM.
4. PLACE TAPS A MINIMUM OF 24" APART. USE A TAPPING TOOL WHICH IS SIZED CORRESPONDING TO THE SIZE OF THE SERVICE LINE TO BE INSTALLED. NO TAPS WITHIN 24" OF END OF PIPE.
5. A DOUBLE STRAP EPOXY COATED STAINLESS STEEL SERVICE SADDLE CLAMP AND TEFLON TAPE IS REQUIRED ON ALL TAPS.
6. INSTALL SERVICE LINE 12" BELOW FROST LINE OR 36" MINIMUM.
7. STANDARD SERVICE SIZE SHALL BE 2" FOR DUAL SERVICES AND 1" FOR SINGLE SERVICES.
8. STAINLESS STEEL LINER INSERTS REQUIRED INSIDE OF TUBING AT COMPRESSION FITTINGS.
9. ALL FITTINGS SHALL BE COMPATIBLE WITH SERVICE SIZE.
10. SERVICE LATERAL SHALL SLOPE TOWARDS PRESSURIZED IRRIGATION MAIN.
11. SPRINKLER SLEEVE SHALL NOT BE IN LINE WITH ANY UTILITY BOXES.
12. NO OTHER CONNECTIONS OR EQUIPMENT ARE PERMITTED BY CONTRACTOR OR HOME OWNER INSIDE PAYSON CITY BOX.
13. 3' MINIMUM OFFSET FROM DRIVEWAYS. **DO NOT ENCLOSE METER BOX IN CONCRETE.**
14. SEE W-2 SHEET 2 FOR PLAN VIEW LAYOUT.



SERVICE METER CONFIGURATION





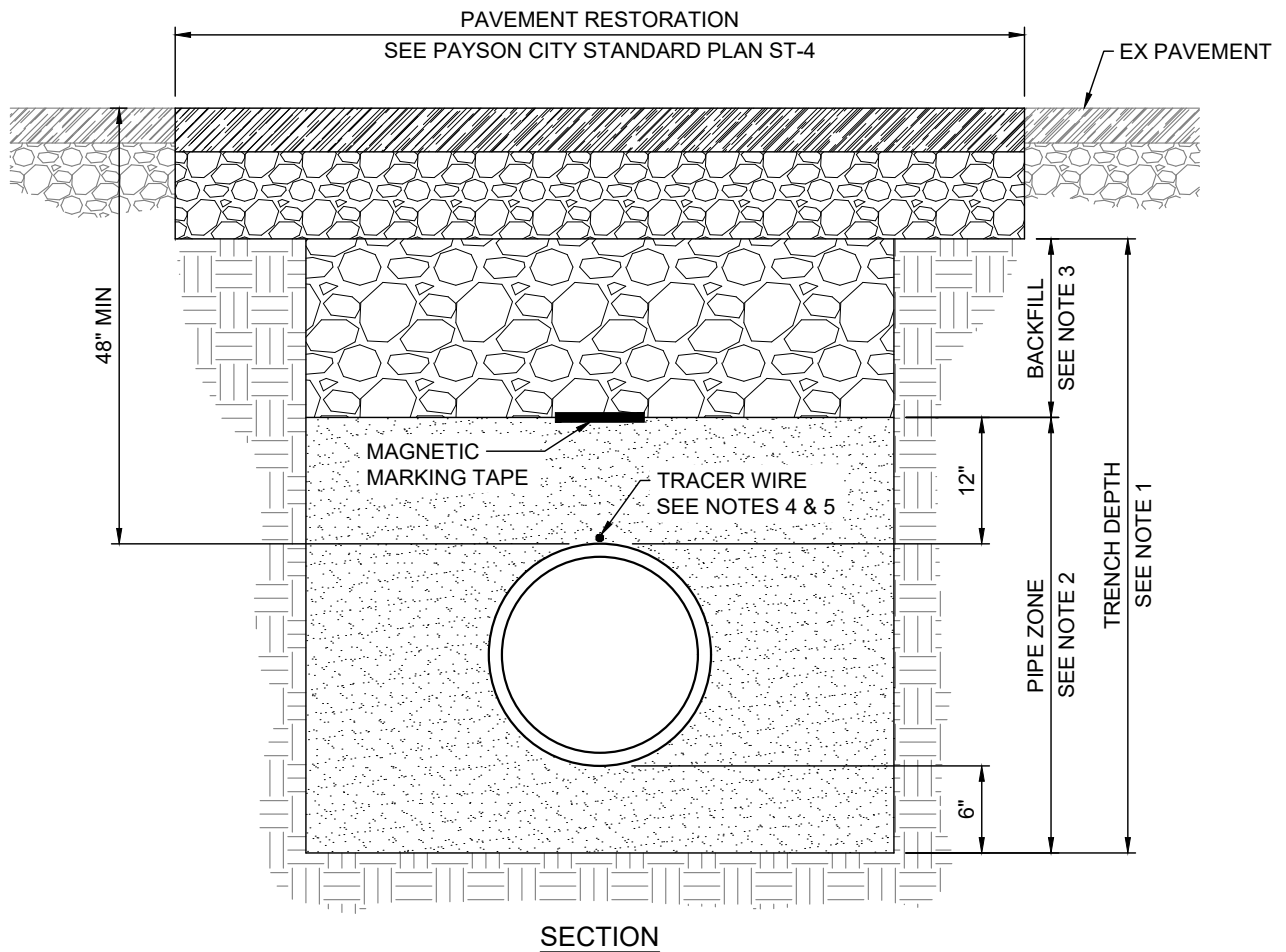
FORD PART LIST

NOTE #	DESCRIPTION	1-1/2" PART #	2" PART #
1	DOUBLE STRAP EPOXY COATED STAINLESS STEEL SERVICE SADDLE	F202-XXX-CC6	F202-XXX-CC7
2	CORP STOP	F600-6-G-NL	F600-7-G-NL
3	MALE ADAPTER	C84-66-Q-NL	C84-77-Q-NL
4	BALL VALVE WITH STOP AND WASTE	B44-666SW-Q-NL	B44-777SW-Q-NL
5	2" x 2-1/2" STRAIGHT METER COUPLING x MALE IRON PIPE THREAD	C48-66-Q-NL	C48-77-Q-NL

* USE ONLY FORD PARTS OR CITY ENGINEER APPROVED EQUIVALENTS

NOTES:

- ALL MATERIALS TO BE BRASS AND SDR9 CTS POLY.
- INSPECTION REQUIRED PRIOR TO BACKFILLING.
- INSTALL ALL BACKFILL IN LIFTS NOT EXCEEDING 6" AFTER COMPACTION. COMPACT EACH LIFT TO AN AVERAGE DRY DENSITY OF 96% OF OPTIMUM WITH NO DENSITY TEST RESULT LESS THAN 92% OF OPTIMUM.
- PLACE TAPS A MINIMUM OF 24" APART. USE A TAPPING TOOL WHICH IS SIZED CORRESPONDING TO THE SIZE OF THE SERVICE LINE TO BE INSTALLED. NO TAPS WITHIN 24" OF END OF PIPE.
- A DOUBLE STRAP EPOXY COATED STAINLESS STEEL SERVICE SADDLE CLAMP AND TEFLON TAPE IS REQUIRED ON ALL TAPS.
- INSTALL SERVICE LINE 12" BELOW FROST LINE OR 36" MINIMUM.
- STAINLESS STEEL LINER INSERTS REQUIRED INSIDE OF TUBING AT COMPRESSION FITTINGS.
- ALL FITTINGS SHALL BE COMPATIBLE WITH SERVICE SIZE.
- SERVICE LATERAL SHALL SLOPE TOWARDS PRESSURIZED IRRIGATION MAIN.
- SPRINKLER SLEEVE SHALL NOT BE IN LINE WITH ANY UTILITY BOXES.
- NO OTHER CONNECTIONS OR EQUIPMENT ARE PERMITTED BY CONTRACTOR OR HOME OWNER INSIDE PAYSON CITY BOX.

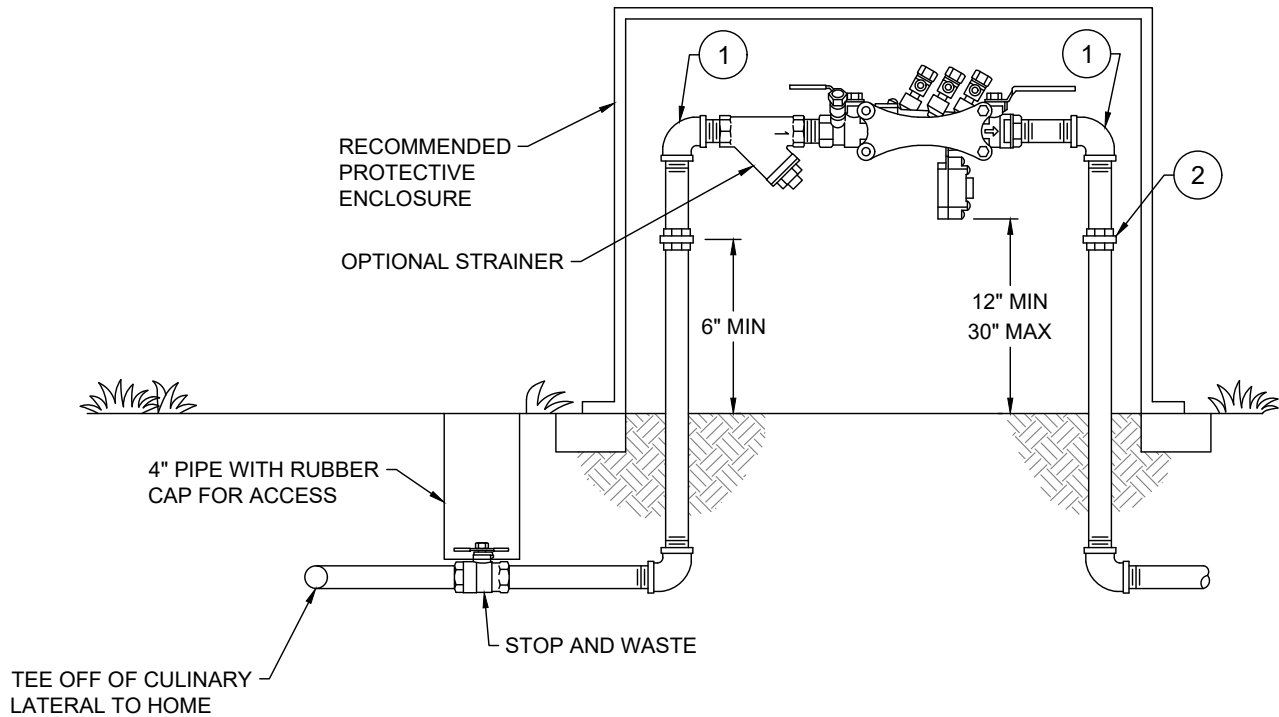


NOTES:

1. IF DEPTH OF TRENCH IS GREATER THAN 4-FT AND SHORES OR TRENCH SUPPORTS ARE NOT USED, SLOPES ARE REQUIRED PER OSHA REGULATIONS. REFER TO APWA PLAN 381 FOR ADDITIONAL INFORMATION.
2. PIPE ZONE: SAND (TYPE IV MATERIAL) PER APWA SECTION 31 05 13. COMPACT TO 92% DENSITY PER ASTM D-1557.
3. BACKFILL: A-1-A OR NATIVE MATERIAL (UPON APPROVAL) PER APWA SECTION 31 05 13. MATERIAL MUST MEET APWA STANDARD FOR GRANULAR BORROW. COMPACT TO 96% DENSITY PER ASTM D-1557. CONTRACTOR MUST SUBMIT GRADATION AND PROCTOR DENSITY DATA OF NATIVE MATERIAL TO BE CONSIDERED FOR BACKFILL. ALL NATIVE MATERIAL TO BE USED AS FILL MUST HAVE ALL ORGANIC MATERIAL, RUBBISH, DEBRIS, AND OTHER OBJECTIONABLE MATERIALS REMOVED.
4. USE 12 GAUGE (MIN) SINGLE STRAND COATED TRACER WIRE. AVOID SPLICING CONNECTION OF TRACER WIRE IF POSSIBLE. WHEN SPLICING IS NEEDED USE GREASE FILLED NUT AND WRAP WITH TAPE. TAPE TRACER WIRE TO PIPE BELLS. CONTINUITY TO BE TESTED AND APPROVED PRIOR TO FINAL ACCEPTANCE.
5. TRACER WIRE AT VALVES SHALL BE BROUGHT NEAR SURFACE ON THE OUTSIDE OF VALVE BOX. NOTCH A HOLE ON THE UPPER SLEEVE AND FEED TRACER WIRE INTO VALVE BOX.

WATER LINE INSTALLATION:

6. HOT TAPS ARE NOT PERMITTED WITHOUT WRITTEN APPROVAL FROM THE CITY ENGINEER.
7. NOTIFY PAYSON CITY PUBLIC WORKS 48 HOURS PRIOR TO MAKING CONNECTION TO ANY EXISTING WATER LINES. SHUT DOWN NOTICES TO ALL AFFECTED CONNECTIONS MUST BE SENT A MINIMUM OF 48 HOURS BEFORE SHUT DOWN. SHUT DOWN MAY NOT LAST FOR MORE THAN 12 HOURS.
8. INSTALL VALVES ON EACH LEG OF A MAIN LINE JUNCTION. USE FLANGED CONNECTIONS FOR VALVES ON NEW FITTINGS. WHEN CONNECTING TO AN EXISTING FITTING, USE MECHANICAL JOINTS AND SET NEW VALVE 5-FT FROM EXISTING FITTING. JOINT RESTRAINTS (EBAA MEGALUG OR APPROVED EQUAL) ARE REQUIRED ON ALL MECHANICAL JOINT CONNECTIONS.
9. REQUIRED VALVE SPACING IS ONE BLOCK OR 20 SERVICE CONNECTIONS, WHICHEVER IS LESS.

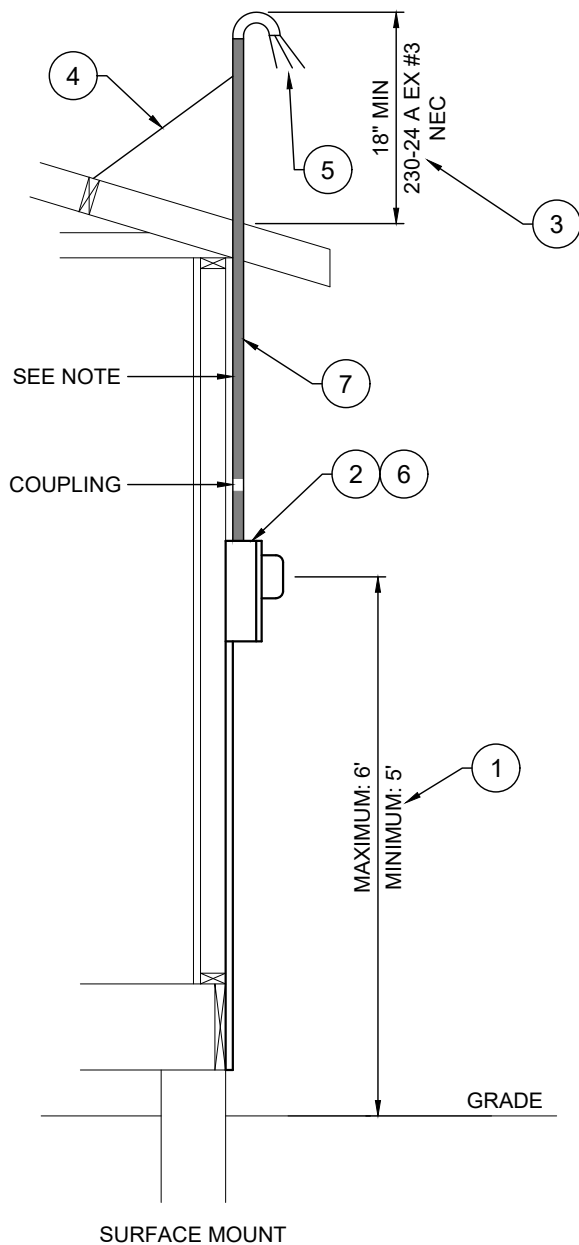


DIRECTION OF FLOW ➡

OUTDOOR INSTALLATION

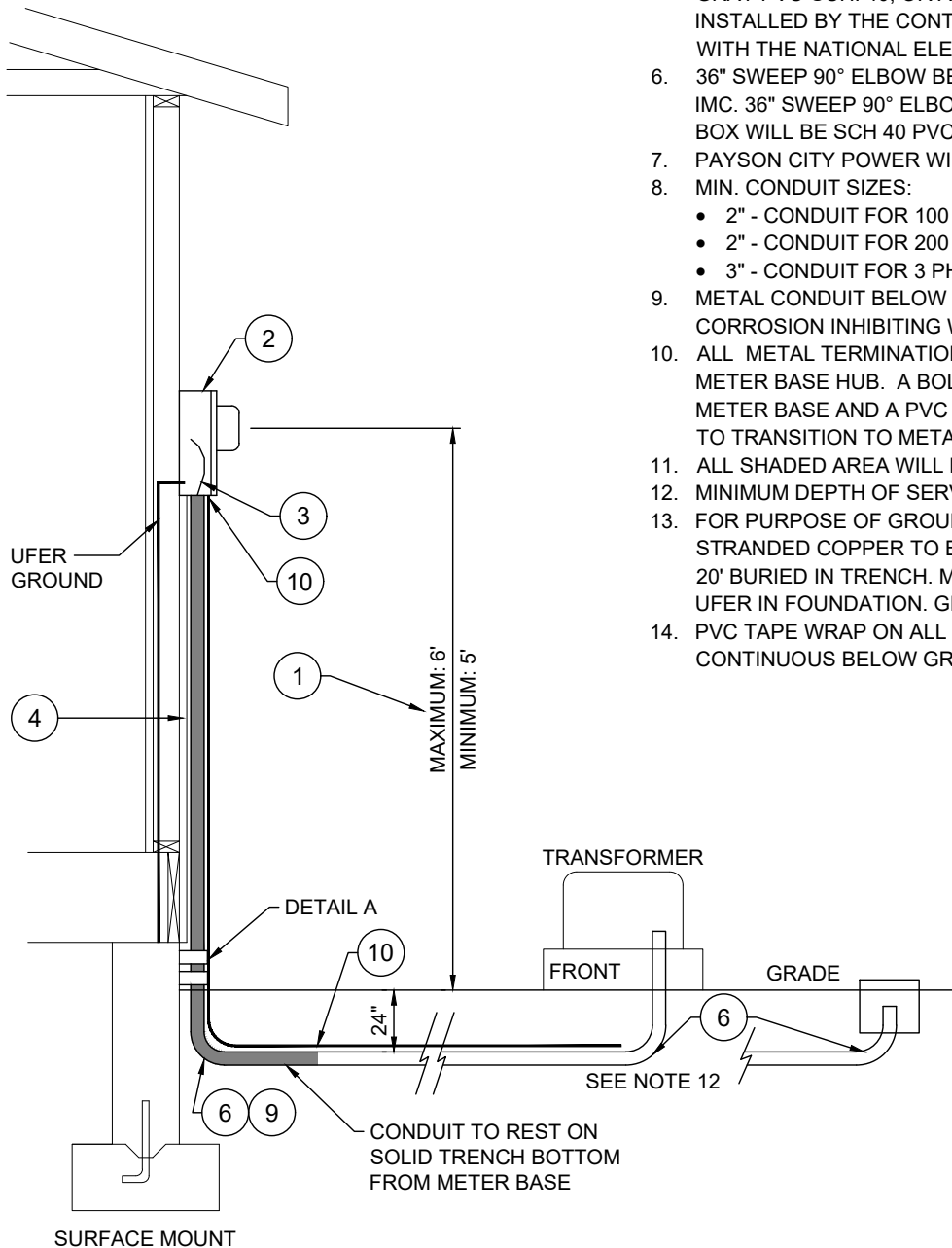
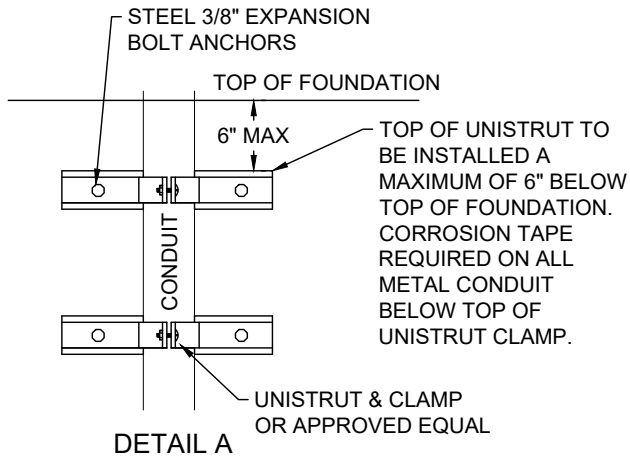
NOTES:

1. 90° ELBOW BRASS/COPPER 1" THRU 3"
2. PIPE UNION BRASS/COPPER
3. BACKFLOW ASSEMBLY SHALL BE REVIEWED AND APPROVED BY PAYSON CITY. ZURN BRAND OR APPROVED EQUIVALENT.
4. ALL PIPE FITTINGS TO BE TYPE K HARD COPPER
5. ALL TEST COCKS - 4 REQUIRED - SHALL BE FITTED WITH BRASS PLUGS AND INSTALLED WITH TEFLON TAPE
6. COMPRESSION TYPE FITTINGS ARE NOT ALLOWED
7. INSTALL THE BACKFLOW PREVENTION ASSEMBLY IMMEDIATELY DOWNSTREAM OF THE AGENCY WATER METER
8. CALL FOR UNDERGROUND INSPECTION BEFORE BACKFILLING
9. THE ENTIRE ASSEMBLY AND EVERYTHING AFTER THE CULINARY METER IS THE RESPONSIBILITY OF THE HOME OWNER TO MAINTAIN AND THE YEARLY TESTING ON ASSEMBLY.



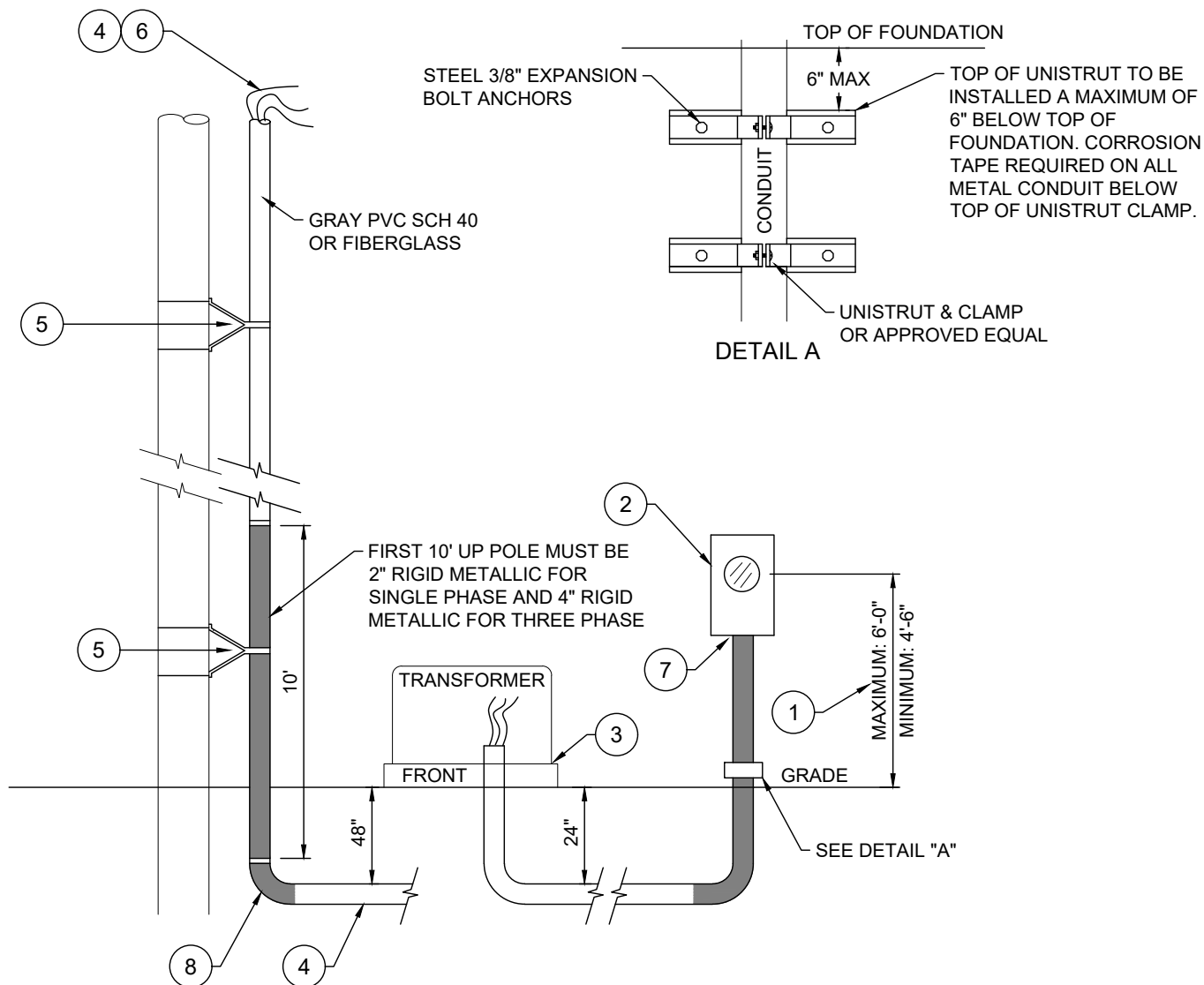
NOTES:

1. HEIGHT OF METER 5'-6" AND NOT TO EXCEED 6', AND NOT LOWER THAN 5'.
2. METER BASE FURNISHED AND INSTALL BY THE CONTRACTOR. (A MANUAL BYPASS IS REQUIRED ON 3 PHASE).
3. STANDPIPE SHALL BE A MINIMUM 2" RIGID METALLIC, OR IMC, AND EXTEND ABOVE ROOF A MINIMUM OF 18" AS OF NEC 230-24.
4. BRIDAL GUY TO BE INSTALLED IF NECESSARY.
5. CONDUCTORS FURNISHED AND INSTALLED BY CONTRACTOR TO EXTEND 18" FROM THE WEATHER HEAD AND SHALL COMPLY WITH THE NATIONAL ELECTRIC CODE.
 - 100 AMP 1/0 URD
 - 125 AMP 1/0 URD
 - 150 AMP 2/0 URD
 - 200 AMP 4/0 URD
6. OXIDE INHIBITING COMPOUND SHALL BE USED ON ALL ALUMINUM CONNECTIONS.
7. ALL METAL TERMINATIONS SHALL HAVE BUSHINGS OR METER BASE HUB.
8. PAYSON CITY POWER WILL FURNISH AND INSTALL METERS.
9. MIN. CONDUIT SIZES:
 - 2" - CONDUIT FOR 100 AMP SERVICE.
 - 2" - CONDUIT FOR 200 AMP SERVICE.
 - 3" - CONDUIT FOR 3 PHASE, 200 AMP SERVICE.
10. ALL SHADED AREA WILL BE RIGID METALLIC CONDUIT OR IMC.
11. NO COUPLING WITHIN 10' OF WEATHER HEAD.
12. (2) 5/8" X 8' COPPER CLAD GROUND RODS SPACED 8' APART SHALL BE USED WITH A MINIMUM OF #6 COPPER CONNECTING TO THE METER BASE. METER BASE TO BE TIED TO UFER WHERE APPLICABLE.



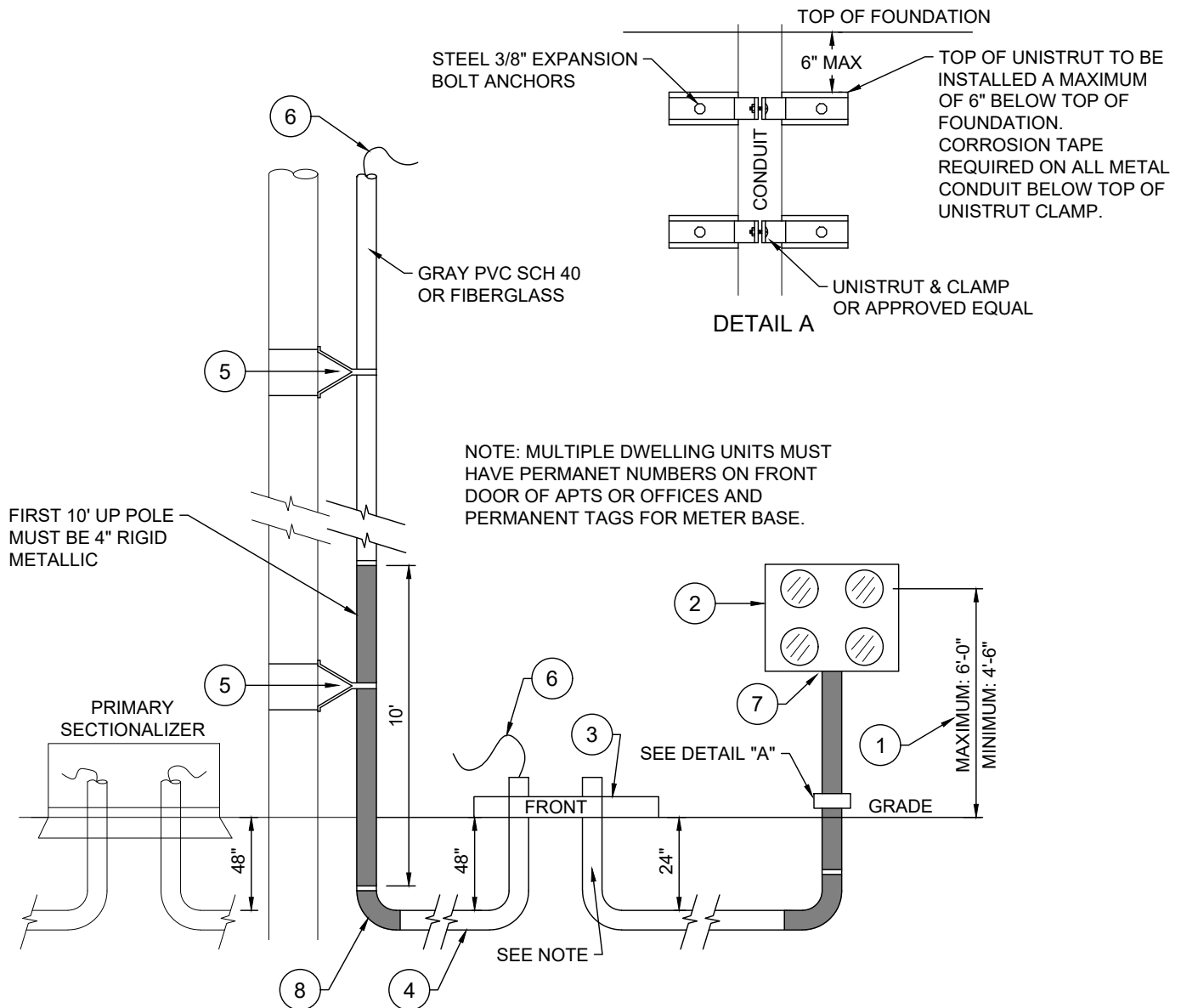
NOTES:

1. HEIGHT OF METER 5'6" AND NOT TO EXCEED 6', AND NOT LOWER THAN 5'.
2. METER BASE FURNISHED AND INSTALL BY THE CONTRACTOR. (A MANUAL BYPASS IS REQUIRED ON 3 PHASE).
3. MINIMUM SIZE SERVICE WIRE PROVIDED BY CONTRACTOR.
 - 100 AMP 1/0 URD
 - 125 AMP 1/0 URD
 - 150 AMP 2/0 URD
 - 200 AMP 4/0 URD
 OXIDE INHIBITING COMPOUND SHALL BE USED ON ALL ALUMINUM CONNECTIONS.
4. CONDUIT TO BE RIGID METALLIC OR IMC FROM GROUND TO METER BASE, (MIN 2") FURNISHED AND INSTALLED BY CONTRACTOR.
5. CONDUIT FROM BUILDING TO CONNECTION POINT WILL BE GRAY PVC-SCH. 40, OR APPROVED EQUAL, FURNISHED AND INSTALLED BY THE CONTRACTOR. CONDUIT WILL COMPLY WITH THE NATIONAL ELECTRIC CODE.
6. 36" SWEEP 90° ELBOW BELOW METER BASE WILL BE RIGID OR IMC. 36" SWEEP 90° ELBOW AT SECONDARY CONNECTION BOX WILL BE SCH 40 PVC.
7. PAYSON CITY POWER WILL FURNISH AND INSTALL METERS.
8. MIN. CONDUIT SIZES:
 - 2" - CONDUIT FOR 100 AMP SERVICE.
 - 2" - CONDUIT FOR 200 AMP SERVICE.
 - 3" - CONDUIT FOR 3 PHASE, 200 AMP SERVICE.
9. METAL CONDUIT BELOW GRADE WILL BE PROTECTED BY A CORROSION INHIBITING WRAP. (10 MILL. PVC PIPE WRAP)
10. ALL METAL TERMINATIONS SHALL HAVE BUSHINGS OR METER BASE HUB. A BOLT ON HUB SHALL BE USED AT THE METER BASE AND A PVC FEMALE ADAPTOR SHALL BE USED TO TRANSITION TO METAL CONDUIT.
11. ALL SHADED AREA WILL BE RIGID METALLIC CONDUIT OR IMC.
12. MINIMUM DEPTH OF SERVICE TRENCH TO BE 24".
13. FOR PURPOSE OF GROUNDING, A MINIMUM OF #2 BARE STRANDED COPPER TO BE INSTALLED WITH A MINIMUM OF 20' BURIED IN TRENCH. METER BASE SHALL ALSO BE TIED TO UFER IN FOUNDATION. GROUNDING TO MEET NEC.
14. PVC TAPE WRAP ON ALL METAL PIPE BELOW CLAMP, CONTINUOUS BELOW GRADE TO PVC PIPE.



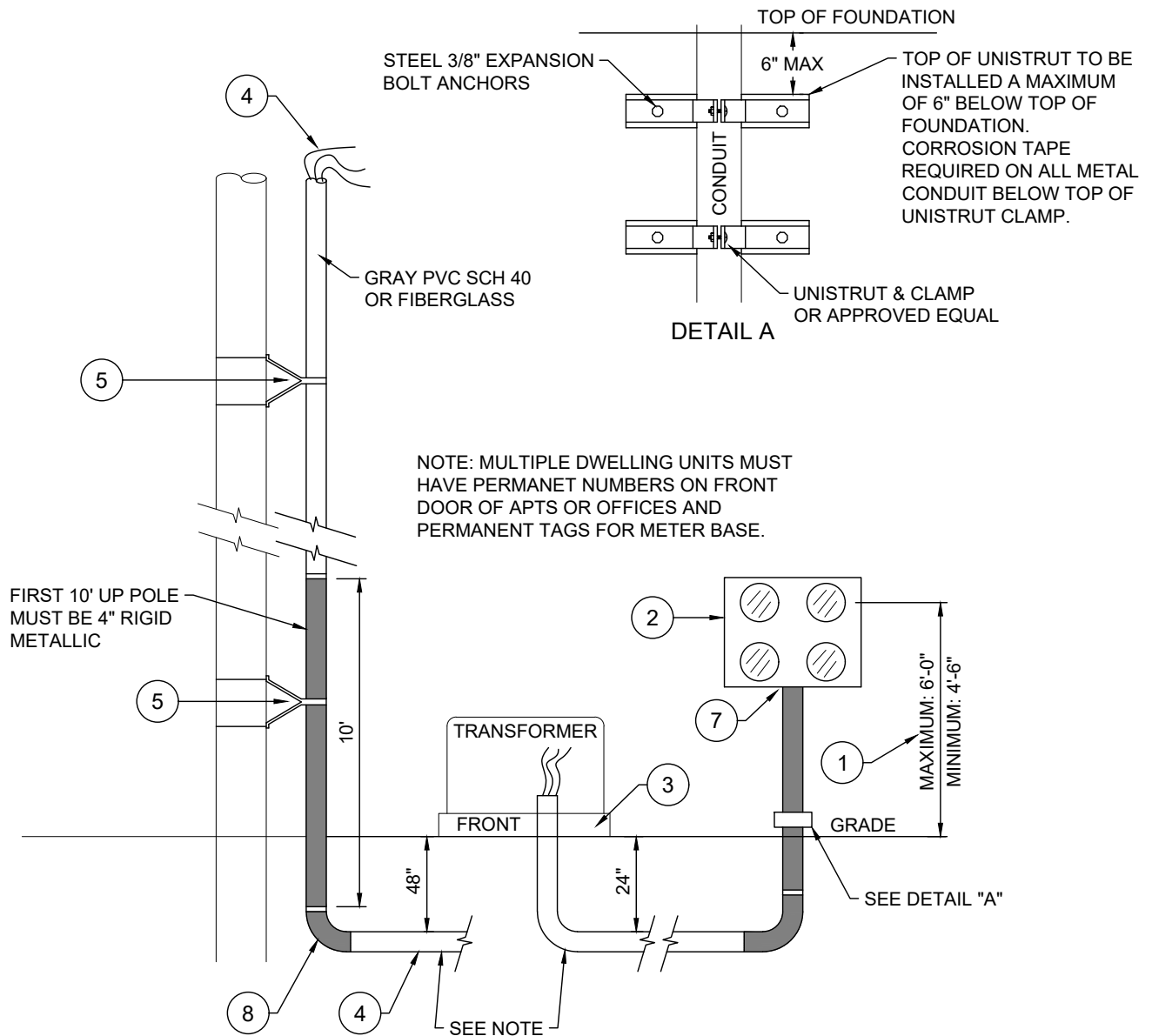
NOTES:

1. HEIGHT OF METER 5'-6" AND NOT TO EXCEED 6', AND NOT LOWER THAN 5'.
2. METER SOCKET TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR.
3. PAD OR VAULT FLOOR FURNISHED AND INSTALLED BY CONTRACTOR TO GRADE.
4. SERVICE CONDUIT AND CONDUCTORS FURNISHED AND INSTALLED BY THE CONTRACTOR SHALL COMPLY WITH THE NATIONAL ELECTRICAL CODE.
5. CONTRACTOR TO FURNISH STAND-OFF BRACKETS, CLAMPS AND LAGS, MINIMUM OF ONE FOR EVERY TEN FOOT LENGTH OF CONDUIT.
6. CONTRACTOR TO FURNISH AND INSTALL 2500 LB MULE TAPE FOR PULLING IN PRIMARY CONDUCTORS WITH TEN FEET EXTENDING FROM EACH END.
7. ALL METAL TERMINATIONS SHALL HAVE BUSHINGS OR METER BASE HUB.
8. METAL CONDUIT BELOW GRADE WILL BE PROTECTED BY A CORROSION INHIBITING WRAP. (10 MILL PVC PIPE WRAP). ALL 90° ELBOWS WILL BE 36" SWEEPS.
9. SERVICE CONDUIT WILL MEET WESTERN UNDERGROUND COMMITTEE SPEC.3.1. CONDUIT AND CONDUCTORS WILL COMPLY WITH NATIONAL ELECTRICAL CODE, AND BE FURNISHED AND INSTALLED BY CONTRACTOR.
10. ALL SHADED AREA WILL BE RIGID METALLIC CONDUIT.
11. MINIMUM DEPTH OF SERVICE TRENCH TO BE 24" (2 FEET) FROM TOP OF CONDUIT.
12. MINIMUM DEPTH OF TRENCH FOR PRIMARY LINE WILL BE 48" (4 FEET) FROM TOP OF CONDUIT.



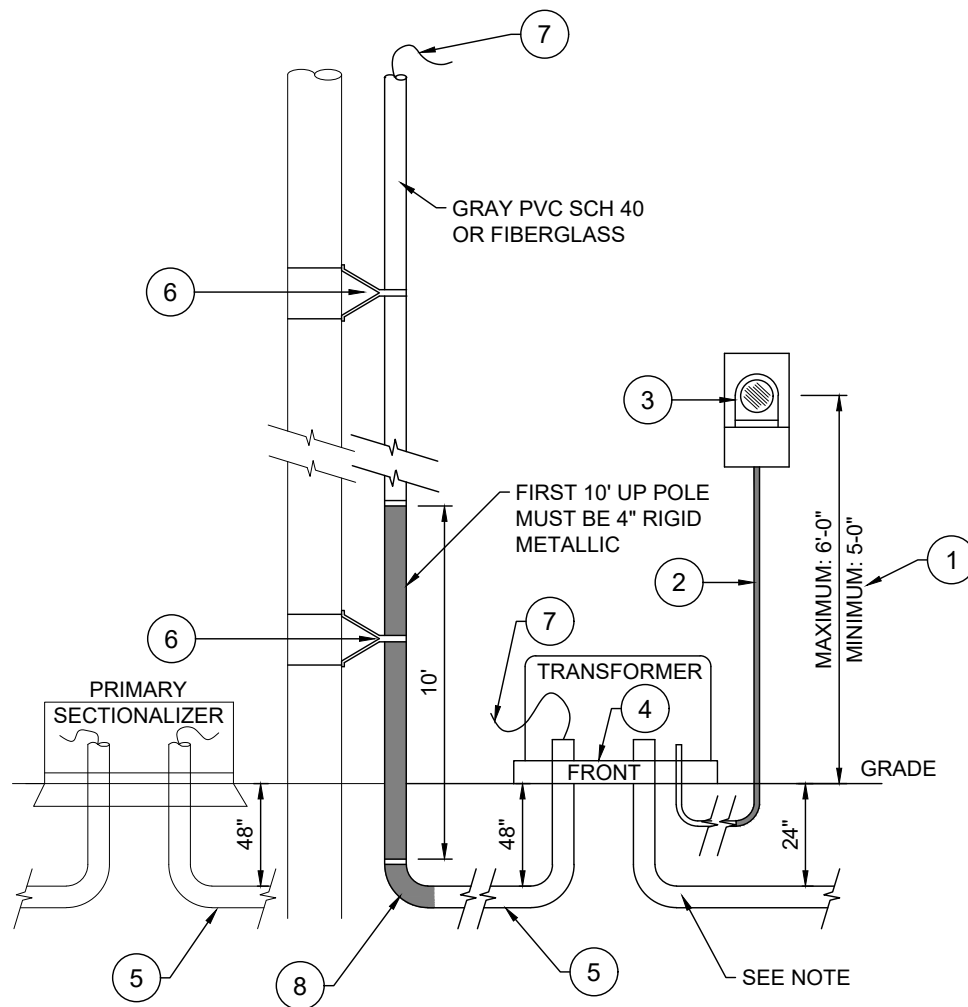
NOTES:

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2. METER SOCKET TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR.
3. PAD OR VAULT FLOOR FURNISHED AND INSTALLED BY CONTRACTOR TO GRADE.
4. PRIMARY CONDUIT: 4" GRAY PVC SCH 40 OR EQUAL AND MEET NEC. FURNISHED AND INSTALLED BY THE CONTRACTOR.
5. CONTRACTOR TO FURNISH STAND-OFF BRACKETS, CLAMPS AND LAGS, MINIMUM OF ONE FOR EVERY TEN FOOT LENGTH OF CONDUIT.
6. CONTRACTOR TO FURNISH AND INSTALL 2500 LB MULE TAPE FOR PULLING IN PRIMARY CONDUCTORS WITH TEN FEET EXTENDING FROM EACH END.
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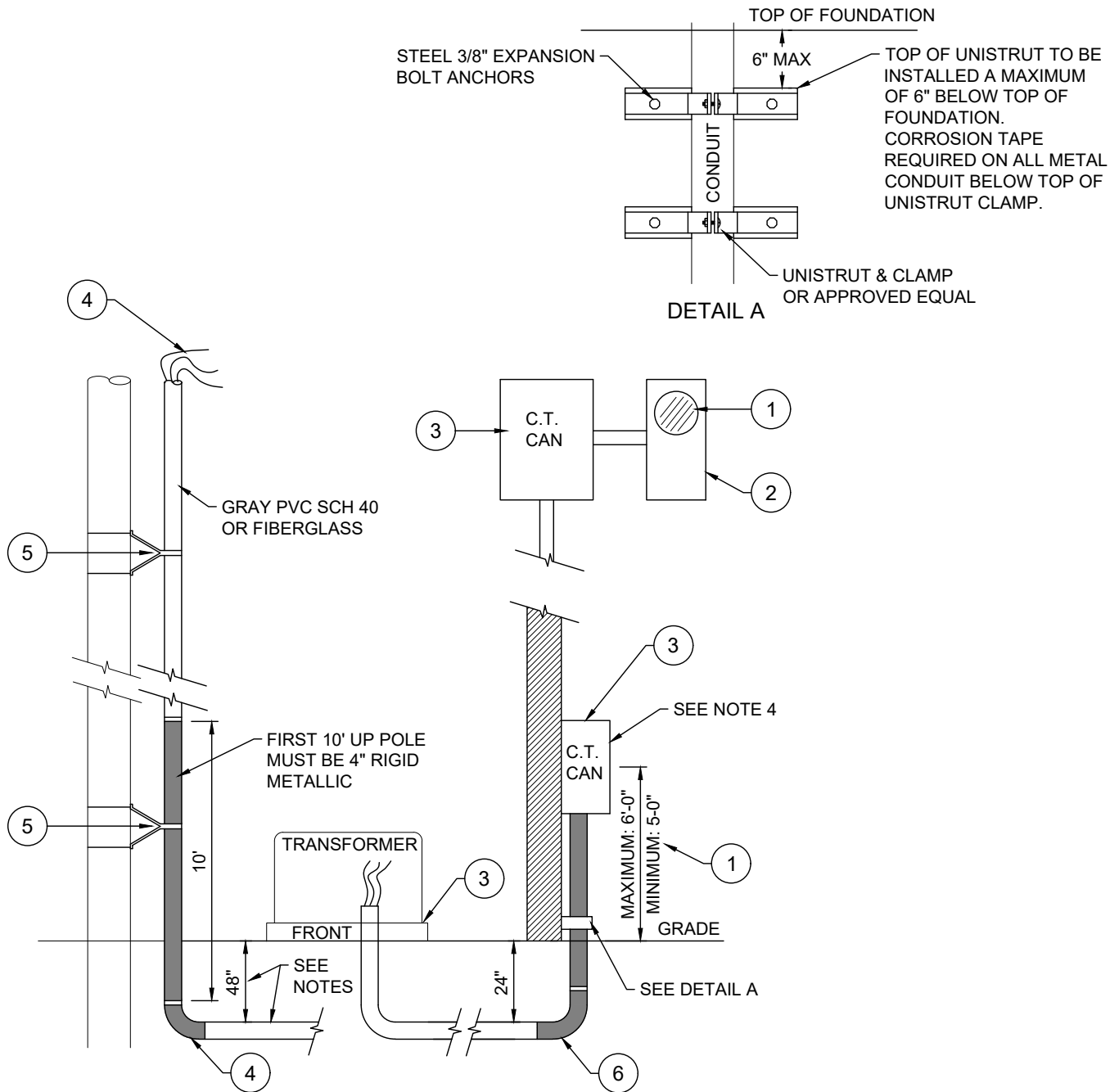
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4. SERVICE CONDUIT AND CONDUCTORS FURNISHED AND INSTALLED BY THE CONTRACTOR SHALL COMPLY WITH THE NATIONAL ELECTRICAL CODE AND UTILITY STANDARDS.
5. CONTRACTOR TO FURNISH STAND-OFF BRACKETS, CLAMPS AND LAGS, MINIMUM OF ONE FOR EVERY TEN FOOT LENGTH OF CONDUIT. CITY WILL BUILD RISER PAST THE 1ST 10 FEET.
6. CONTRACTOR TO FURNISH AND INSTALL 2500 LB MULE TAPE FOR PULLING IN PRIMARY CONDUCTORS WITH TEN FEET EXTENDING FROM EACH END.
7. ALL METAL TERMINATIONS SHALL HAVE BUSHINGS OR METER BASE HUB.
8. METAL CONDUIT BELOW GRADE WILL BE PROTECTED BY A CORROSION INHIBITING WRAP. (10 MILL PVC PIPE WRAP). ALL 90° ELBOWS WILL BE 36" SWEEPS.
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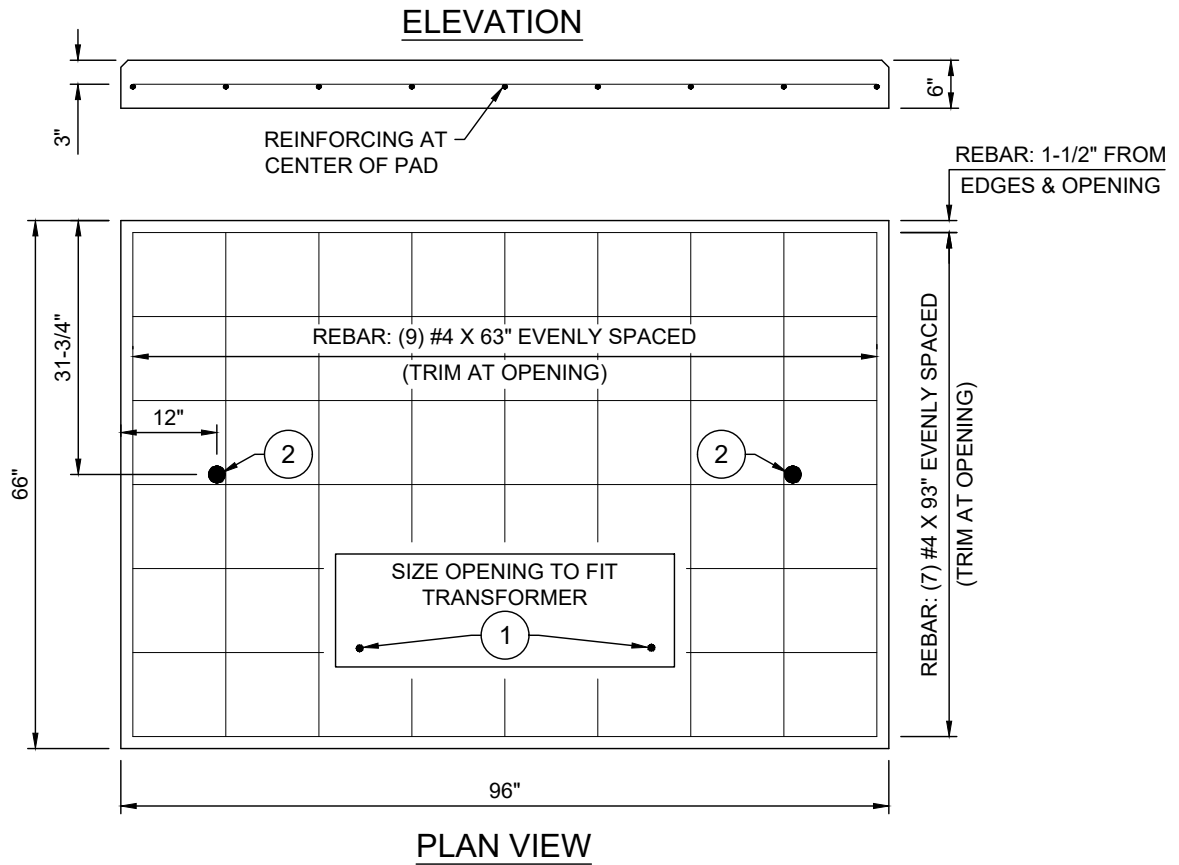
NOTES:

1. HEIGHT OF METER NOT TO EXCEED 6', AND NOT LOWER THAN 5'.
2. METERING CONDUIT: METALLIC 1" RIGID CONDUIT. TO BE LOCATED NEAR THE FRONT OF PAD SECONDARY OPENING AND HAVE GROUND WIRE AND BUSHING ATTACHED. ALL TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR.
3. METER SOCKET: FURNISHED AND INSTALLED BY PAYSON CITY POWER. CALL 801-465-5274 FOR MOUNTING INFORMATION.
4. PAD OR VAULT FLOOR: FURNISHED AND INSTALLED BY CONTRACTOR.
5. PRIMARY CONDUIT: 2" FOR SINGLE PHASE AND 4" GRAY PVC SCH 40 FOR THREE PHASE, OR APPROVED EQUAL, AND MEET NEC. FURNISHED AND INSTALLED BY THE CONTRACTOR UNLESS OTHERWISE APPROVED BY UTILITY.
6. CONTRACTOR TO FURNISH STANDOFF BRACKETS, CLAMP AND LAGS. MINIMUM OF ONE FOR EVERY 10 FEET OF CONDUIT.
7. CONTRACTOR TO FURNISH AND INSTALL 2500 LB MULE TAPE FOR PULLING IN PRIMARY CONDUCTORS WITH TEN FEET EXTENDING FROM EACH END.
8. METAL CONDUIT BELOW GRADE WILL BE PROTECTED BY A CORROSION INHIBITING WRAP. ALL 90° ELBOWS WILL BE 36" SWEEPS.
9. ALL SHADED AREA WILL BE RIGID METALLIC CONDUIT.
10. MINIMUM DEPTH OF SERVICE TRENCH TO BE 24" (2 FEET) FROM THE TOP OF THE CONDUIT.
11. SERVICE CONDUIT AND CONDUCTORS FURNISHED AND INSTALLED BY THE CUSTOMER WILL COMPLY WITH THE NATIONAL ELECTRICAL CODE.
12. ALL METAL TERMINATIONS SHALL HAVE BUSHINGS OR METER BASE HUB.



NOTES:

1. HEIGHT OF METER NOT TO EXCEED 6', AND NOT LOWER THAN 5'.
2. METER SOCKET TO BE FURNISHED AND INSTALLED BY PAYSON CITY POWER. CALL 801-465-5270 FOR MOUNTING INFORMATION.
3. C.T. CAN FURNISHED AND INSTALLED BY CONTRACTOR.
4. SERVICE CONDUIT AND CONDUCTORS FURNISHED AND INSTALLED BY THE CONTRACTOR SHALL COMPLY WITH THE NATIONAL ELECTRICAL CODE, AND UTILITY STANDARDS. ALL 90° BENDS WILL BE 36" SWEEPS.
5. CONTRACTOR TO FURNISH STAND-OFF BRACKETS, CLAMPS, LAGS AND UNISTRUT, 1-1/2" DEEP. INSTALL A MINIMUM OF ONE FOR EVERY TEN FOOT LENGTH OF CONDUIT.
6. METAL CONDUIT BELOW GRADE WILL BE PROTECTED BY A CORROSION INHIBITING WRAP. (10 MIL PVC WRAP)
7. SERVICE CONDUIT WILL MEET WESTERN UNDERGROUND COMMITTEE SPEC.3.1. CONDUIT AND CONDUCTORS WILL COMPLY WITH NATIONAL ELECTRICAL CODE, AND BE FURNISHED AND INSTALLED BY CONTRACTOR.
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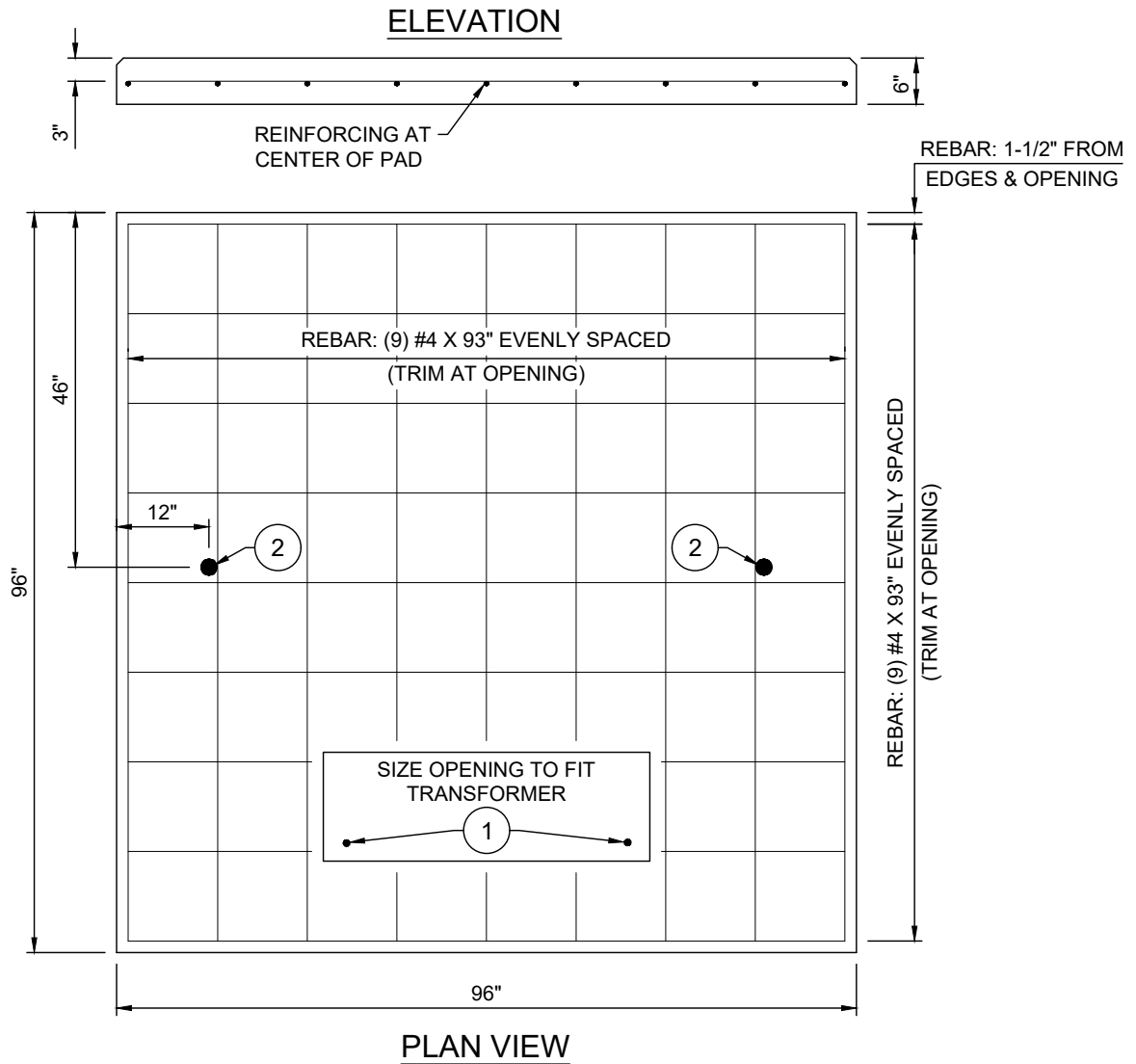


KEYED NOTES:

- ① 5/8" X 8'-0" COPPER CLAD GROUND ROD
- ② PAD ANCHOR (2 PLACES FOR PRECAST PAD)

NOTES:

- 1. PAD MAY BE PRECAST OR CAST-IN-PLACE
- 2. CONCRETE TO BE 4000 PSI MIN
- 3. CAST-IN-PLACE MIX MUST BE APPROVED PRIOR TO INSTALLATION
- 4. MIX SHOULD MEET APWA SPECIFICATIONS AT A MINIMUM
- 5. INSTALLATION LOCATION TO BE APPROVED BY PAYSON POWER

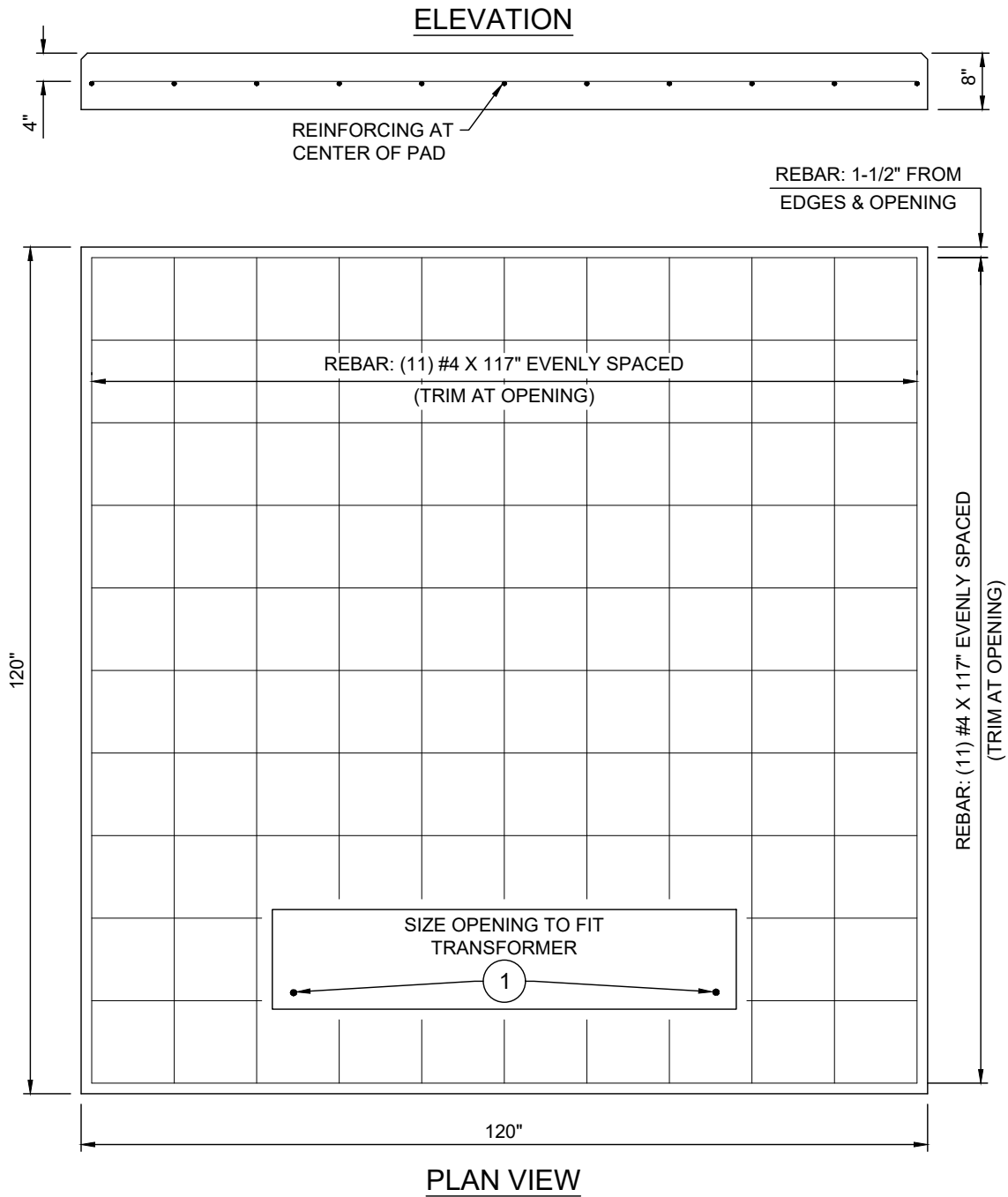


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5. INSTALLATION LOCATION TO BE APPROVED BY PAYSON POWER

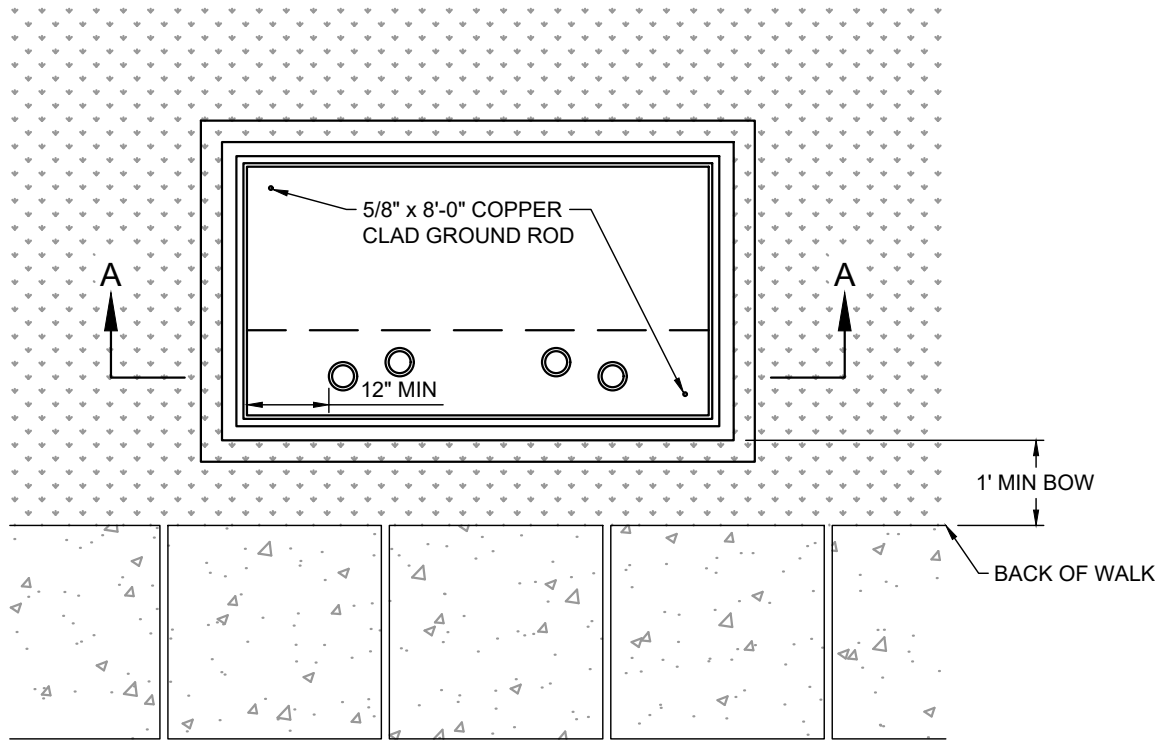


KEYED NOTES:

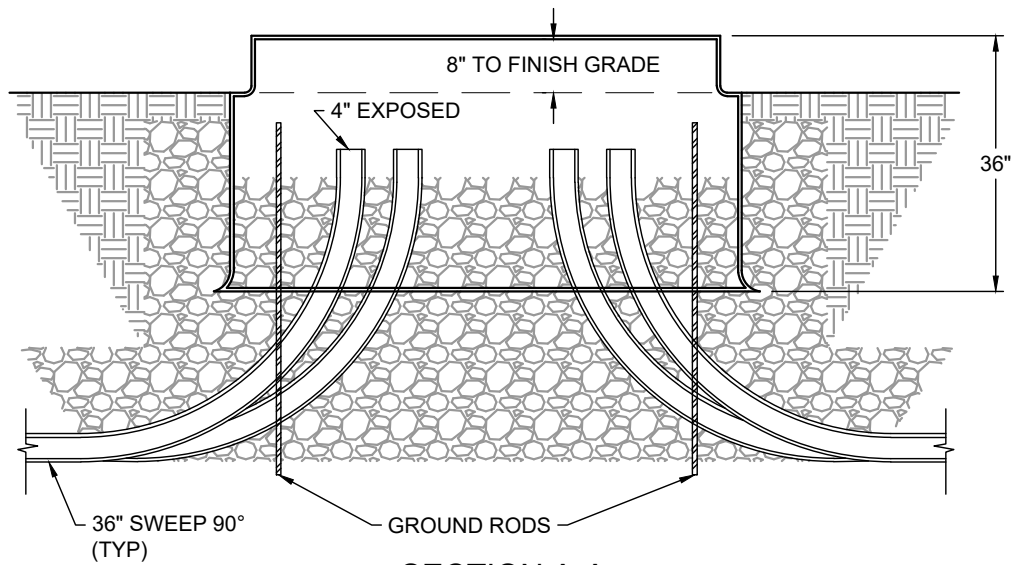
- ① 5/8" X 8'-0" COPPER CLAD GROUND ROD

NOTES:

1. PAD TO BE CAST-IN-PLACE
2. CONCRETE TO BE 4000 PSI MIN
3. CAST-IN-PLACE MIX MUST BE APPROVED PRIOR TO INSTALLATION
4. MIX SHOULD MEET APWA SPECIFICATIONS AT A MINIMUM
5. INSTALLATION LOCATION TO BE APPROVED BY PAYSON POWER



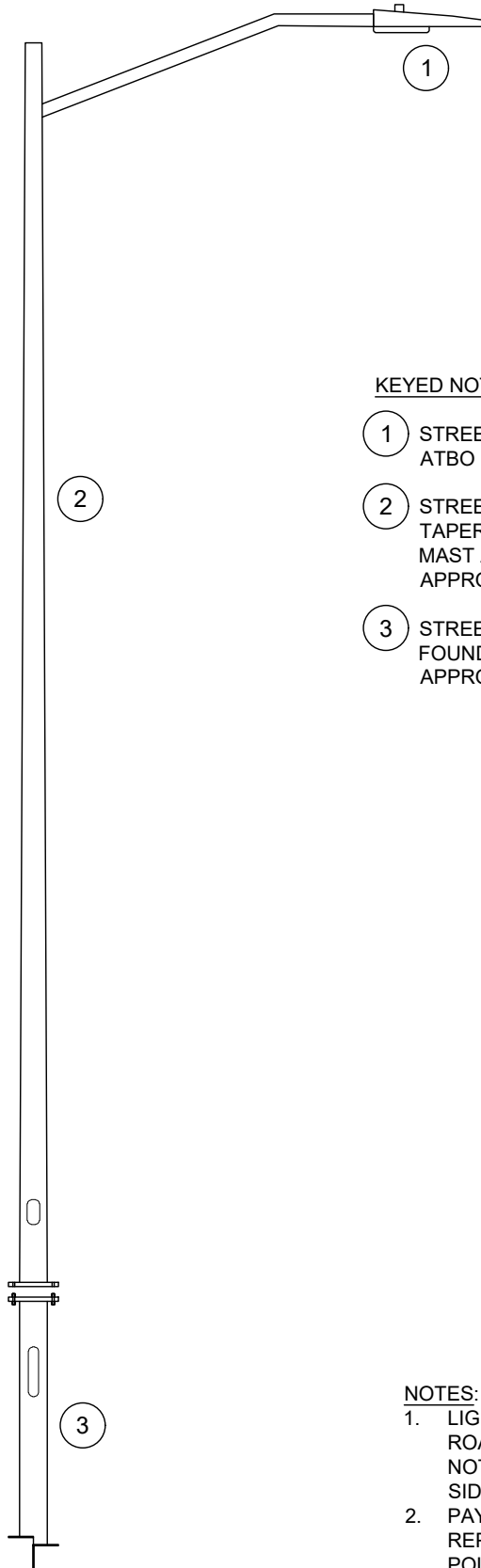
PLAN VIEW



SECTION A-A

NOTES:

1. 10' OF 4/0 BARE COPPER FOR GROUNDING, CITY WILL INSTALL
2. LONG SIDE OF BOX TO PARALLEL SIDEWALK



KEYED NOTES:

- ① STREET LIGHT FIXTURE: AMERICAN ELECTRIC LIGHTING ATBO 30BLEDE10 MVOLT R4 P7 PCSS OR APPROVED EQUIVALENT
- ② STREET LIGHT POLE: HOLOPHANE FRTAU206GBMAUS8 SB 2 ROUND TAPERED ALUMINUM POLE 25 FT, 6.0 x 4.0 x 0.188 WALL, BOLT ON MAST ARM SINGLE 8 FT, SATIN BRUSH ALUMINUM FINISH OR APPROVED EQUIVALENT
- ③ STREET LIGHT POLE FOUNDATION: AB CHANCE C11232JG4VL POLE FOUNDATION 6" DIAMETER FITS 9' TO 14' POLE BASE HEIGHT 60" OR APPROVED EQUIVALENT

NOTES:

- 1. LIGHT POLES TO BE LOCATED NEAR THE INTERSECTION OF TWO ROADS AND IN THE PLANTER STRIP. IF A PLANTER STRIP DOES NOT EXIST AND THERE IS A MONOLITHIC CURB, GUTTER, AND SIDEWALK, LOCATE THE POLE BEHIND THE SIDEWALK.
- 2. PAYSON CITY POWER SUPERINTENDENT OR ONE OF HIS REPRESENTATIVES WILL APPROVE THE LOCATION OF THE LIGHT POLE PRIOR TO ITS PLACEMENT.