

AASHTO	American Association of State Highway & Transportation Officials
ABAN	Abandon(ed) <i>added</i>
ABW	Asphalt Bike Way
ACV	Automatic Control Valve
ACP	Asphalt Concrete Pavement
ADA	Americans with Disabilities Act
ADJ	Adjust
AHD	Ahead
AIC	Aerial Interconnect Cable
AL	Aluminum
AP	Angle Point
APP	Approved <i>added</i>
APPROX	Approximate
APS	Accessible Pedestrian Signal
APWA	American Public Works Association
ASPH	Asphalt
ASTM	American Society for Testing & Materials
ATB	Asphalt Treated Base <i>added</i>
AV	Air Valve
AVB	Automatic Vacuum Breaker
AVE	Avenue
AVG	Average
AW	Asphalt Walk
AWG	American Wire Gage
AWWA	American Water Works Assoc.
BAT	Backflow Assembly Tester
B&B	Ball & Burlap
BC	Bolt Circle, Back of Curb
BF	Bottom Face
BFV	Butterfly Valve
BK	Back

BKRK	Bike Rack
BLDG	Building <i>added</i>
BLK	Block
BLKG	Blocking
BLKHD	Bulkhead
BLRD	Bollard
BLVD	Boulevard
BM	Bench Mark
BO	Blow Off
BOC	Beginning of Curb
BPD	Backflow Prevention Device
BR	Bare Root, Brick
BRG	Bearing
BRKN	Broken
BSMT	Basement
BTW	Between
BV	Ball valve
BVC	Beginning of Vertical Curve
C&G	Curb & Gutter
CAL	Caliper
CALC	Calculation
CB	Cable, Catch Basin
CBW	Concrete Bike Way
C-C	Center to Center
CC	Concrete Culvert
CD	Conduit
CDF	Controlled Density Fill
CEM	Cement
CF	Cubic Feet
CH	Chamber
CIP	Cast Iron Pipe
CL	Center Line or Class
⌀	Center Line

REF STD SPEC SEC 1-01.2



City of Seattle

NOT TO SCALE

ABBREVIATIONS

CLF	Chain Link Fence
CLR	Clearance
CMP	Corrugated Metal Pipe <i>added</i>
CO	Clean Out
COL	Column
COMP	Compression
CONC	Concrete
COND	Condition
CONN	Connect/Connection
CONSTR	Construction
CONT	Continuous
CORP	Corporation
COS	City of Seattle
CPEP	Corrugated Polyethylene Pipe
CR	Cross, Curb Radius
CSB	Chief Seattle Base
CSECP	Construction Stormwater & Erosion Control Plan
CULV	Culvert
CW	Concrete Walk
CY	Cubic Yard
DB	Direct Burial Cable
DC	Direct Current
DCVA	Double Check Valve Assembly
DEPT	Department
DGV	District Gate Valve
DIA ϕ	Diameter
DIP or DI	Ductile Iron Pipe
DIPRA	Ductile Iron Pipe Research Assoc.
DR	Drive
DS	Downspout
DWG	Drawing
DWY	Driveway
E	East

EA	Each
ECB	Electrical Cable
ECC	Eccentric
ECD	Electrical Conduit
ED	Electrical Duct
EL/ELEV	Elevation
ELEC	Electric/Electrical
EMH	Electrical Maintenance Hole
ENCL	Enclosure
ENGR	Engineer
EOC	End of Curb
EQ	Equal
ESAL	Equivalent Single Axle Loads
ESMT	Easement
EV	Electrical Vault
EVC	End of Vertical Curb <i>added</i>
EVPD	Emergency Vehicle Preemption Detector
EW	Each Way
EX	Existing
EXP	Expansion
FACB	Fire Alarm Cable
FAHH	Fire Alarm Handhole
FC	Face of Curb
FCS	Flow Control Structure <i>added</i>
f'c	Specified compressive strength of concrete
FDN	Foundation
FDP	Flexible Delineation Post
FF	Far Face, Finished Floor
FG	Finished Grade
FHWA	Federal Highway Administration
FIG	Figure <i>added</i>

REF STD SPEC SEC 1-01.2



City of Seattle

NOT TO SCALE

ABBREVIATIONS

LED	Light Emitting Diode
LF	Linear/Lineal Feet
LID	Local Improvement District
LIT	Large Inlet Top (Catch Basin)
LOC	Locate/Location
LONGIT	Longitudinal
LP	Light Pole
LS	Lump Sum
LSCAPE	Landscape, Landscaping
LST	Landscape Timber
LT	Left
LTG	Lighting
LUM	Luminaire
MA	Mast Arm
MATL	Material
MAX	Maximum
MB	Mailbox
MCV	Manual Control Valve
MDV	Manual Drain Valve
MH	Maintenance Hole
MIC	Monument in Case
MIN	Minimum
MIPT	Male Iron Pipe Thread
MISC	Miscellaneous
MJ	Mechanical Joint
ML \overline{M}	Monument Line
MNRL AGG	Mineral Aggregate
MOD	Modify/Modified
MON	Monument
MUTCD	Manual on Uniform Traffic Control Devices
MW	Monitor Well

N	North
NAD	North American Datum
NAVD	North American Vertical Datum
NEMA	National Electrical Manufacturers Association
NF	Near Face
NGVD	National Geodetic Vertical Datum
NIC	Not in Contract
NO	Number
NOM	Nominal
NS	Near Side
NTS	Not To Scale
OC	On Center
OD	Outside Diameter/Dimension
OF	Outside Face
OH	Overhead
PAV	Pavement
PC	Point of Curvature
PCC	Point of Compound Curve
PCW	Pervious Concrete Walk
PDP	Perforated Drain Pipe
PE	Plain End, Polyethylene
PED	Pedestrian
PG	Performance Grade
PH	Phase
PI	Point of Intersection
PL	Plate, Place, Polyethylene
\overline{P}	Property Line
POC	Point on Curve
PP	Power Pole, Polypropylene
PPB	Pedestrian Push Button
PR	Pair
PRC	Point of Reverse Curve
PROP	Proposed

REF STD SPEC SEC 1-01.2



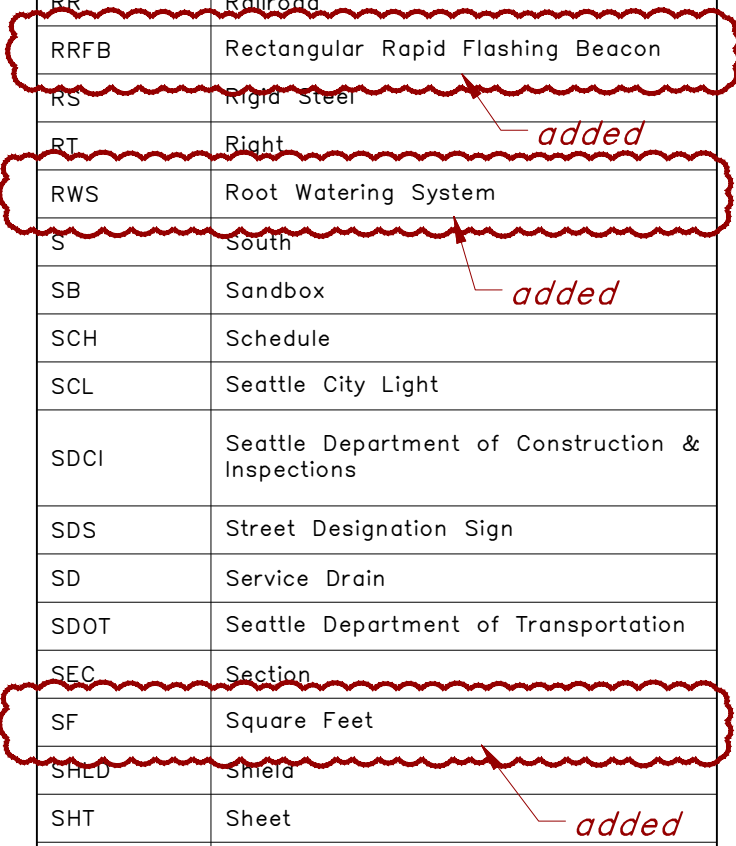
City of Seattle

NOT TO SCALE

ABBREVIATIONS

PRKG	Parking
PRV	Pressure Reducing Valve
PS	Pipe Sewer Combined
PSD	Pipe Storm Drain
PSDD	Pipe Storm Drain Detention
PSI	Pounds per Square Inch
PSIA	Pounds per Square Inch Absolute
PSIG	Pounds per Square Inch Gauge
PSS	Pipe Sewer Sanitary
PT	Point of Tangency
PVB	Pressure Vacuum Breaker
PVC	Polyvinyl Chloride
PVT	Private
QTY	Quantity
R	Radius
R&R	Remove & Replace
R/W	Right of Way
RCP	Reinforced Concrete Pipe
RD	Roof Drain
RDWY	Roadway
RECONN	Reconnect
RED	Reducer
REF	Refer/Reference
REINF	Reinforce/Reinforcement
RELOC	Relocate
REM	Remove
REPL	Replace
REQD	Required
RET	Retire/Retired
RET WALL	Retaining Wall
RF	Rock Facing
RGS	Rigid Galvanized Steel
RIT	Round Inlet Top

RJ	Restrained Joint
RLWY	Railway
RP	Rock Pocket
RPBA	Reduced Pressure Backflow Assembly
RR	Railroad
RRFB	Rectangular Rapid Flashing Beacon
RS	Rigid Steel
RT	Right
RWS	Root Watering System
S	South
SB	Sandbox
SCH	Schedule
SCL	Seattle City Light
SDCI	Seattle Department of Construction & Inspections
SDS	Street Designation Sign
SD	Service Drain
SDOT	Seattle Department of Transportation
SEC	Section
SF	Square Feet
SHLD	Shield
SHT	Sheet
SL	Sleeve, Street Light
§	Survey Line
SLHH	Street Light Handhole
SNS	Street Name Sign
SP	Strain Pole
SPCS	Spaces
SPEC	Specifications
SPR	Seattle Parks & Recreation
SPU	Seattle Public Utilities
SQ	Square
SS	Stainless Steel, Side Sewer-Combined
SSD	Sub-Surface Drain



REF STD SPEC SEC 1-01.2



City of Seattle

NOT TO SCALE

ABBREVIATIONS

SSS	Side Sewer-Sanitary
SSTONE	Sandstone
ST	Street
STA	Station
STD	Standard
STL	Steel
STL P	Steel Pipe
STM LOG	Steam Log
STRUCT	Structure/Structural
SVC	Service
SW	Sidewalk
SY	Square Yard
SYS	System
T	Tee
TB	Test Boring
TC	Traffic Control
TCB	Telephone Cable
TCD	Telephone Conduit
TCHH	Traffic Control Handhole
TD	Telephone Duct
TEB	Telephone Enclosure Box
TEL	Telephone
TEMP	Temporary
TF	Top Face
TH	Test Hole
THH	Telephone Handhole
TJO	Transfer of Jurisdiction Ordinance
TMH	Telephone Manhole
TMT	Treatment
TN	Ton
TOC	Top of Curb
TR	Traffic
TRCB	Traffic Signal Cable

TRCD	Traffic Signal Conduit
TRSCC	Traffic Signal Controller Cabinet
TVCB	Television Cable
TVCD	Television Conduit
TVHH	Television Handhole
TYP	Typical
UG	Underground
UIC	Underground Interconnect
UNC	Unified National Course
UP	Utility Pole
V	Valve, Variable
V/C	Vertical Curve
VAR	Variable/Varies
VB	Vertical Bend
VBOX	Valve Box
VCH or VC	Valve Chamber
VCP	Vitrified Clay Pipe
VEH	Vehicle
VERT	Vertical
VMS	Variable Message Sign
VO	Vacation Ordinance
W	Water, West
W/	With
WCR	Walkway Curb Ramp
WD	Wood/Wooden
WF	Wood Fence
WIF	Wrought Iron Fence
WM	Water Meter, Water Main
WMA	Warm Mix Asphalt
WMR	Water Main Radius
WP	Wood Pole
WS	Water Service
WSP	Wood Stave Pipe
WSTP	Wheel Stop

REF STD SPEC SEC 1-01.2



City of Seattle

NOT TO SCALE

ABBREVIATIONS

added

ITEM	EXISTING	PROPOSED
Maintenance Holes		MH-7
Inlet Type 250A		
Inlet Type 250B		
Inlet Type 252		
Inlet Type 268		
Catch Basin round inlet top		
Private CB & Inlet		
Catch Basin Type 151 (pre 1985)		
Catch Basin Type 240A		
Catch Basin Type 240B		
Catch Basin Type 240C		
Catch Basin Type 240D		
Catch Basin Type 241		
Catch Basin Type 242A		
Catch Basin Type 242B		
Junction Box Type 277A		
Junction Box Type 277B		
Area Drain		

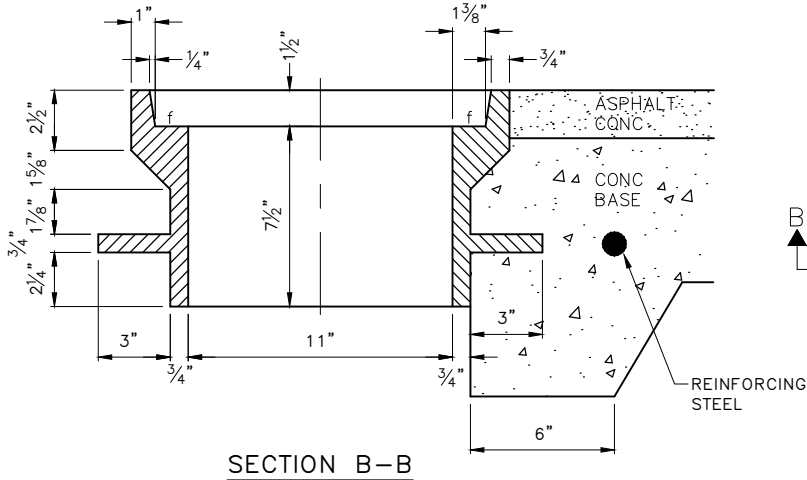
new symbols

REF STD SPEC SEC

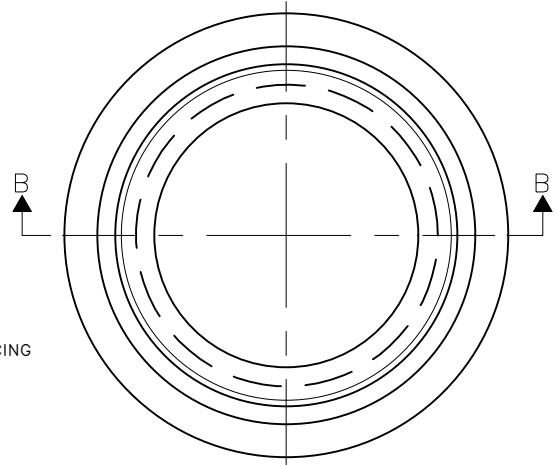


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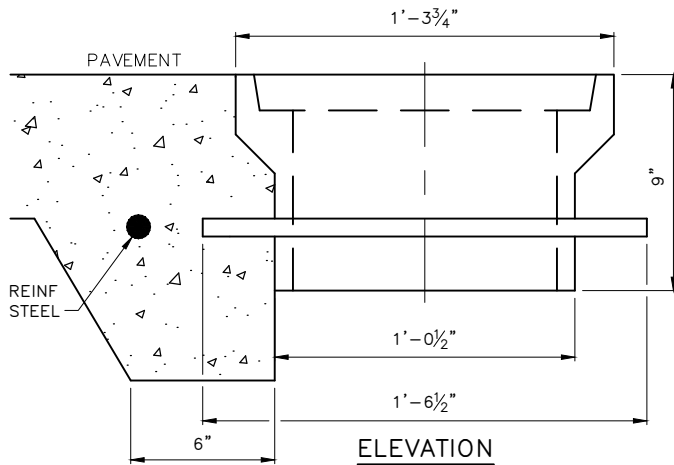
STANDARD SYMBOLS
SEWER & DRAINAGE



SECTION B-B



PLAN VIEW

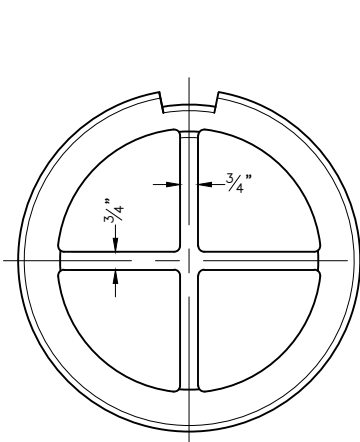


ELEVATION

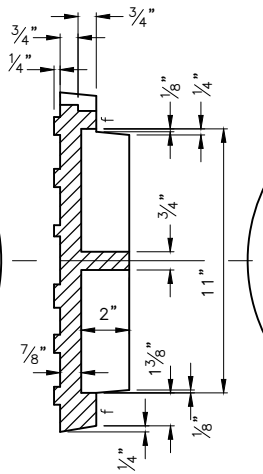
"SHALL" changed to "MUST"

NOTES:

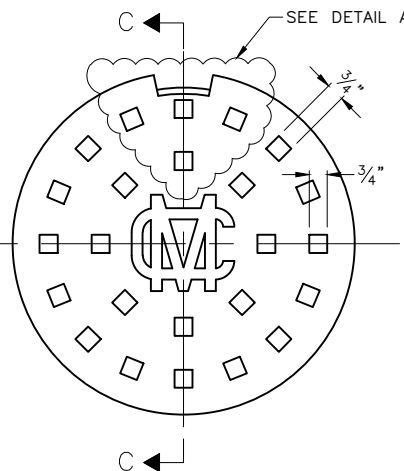
1. FRAME AND COVER MUST BE TESTED FOR ACCURACY OF FIT AND MUST BE MARKED IN SETS FOR DELIVERY
2. FRAME AND COVER MUST BE CAST IRON
3. FINISH
4. CASTINGS IN RIGID PAVEMENT MUST HAVE REINFORCING STEEL IN THE PAVEMENT.



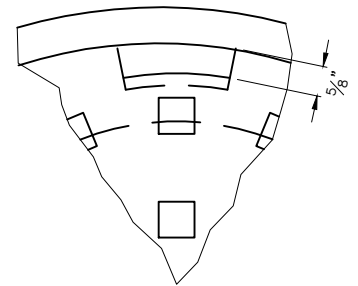
BOTTOM VIEW



SECTION C-C



TOP VIEW



DETAIL A

COVER

REF STD SPEC SEC 8-13



City of Seattle

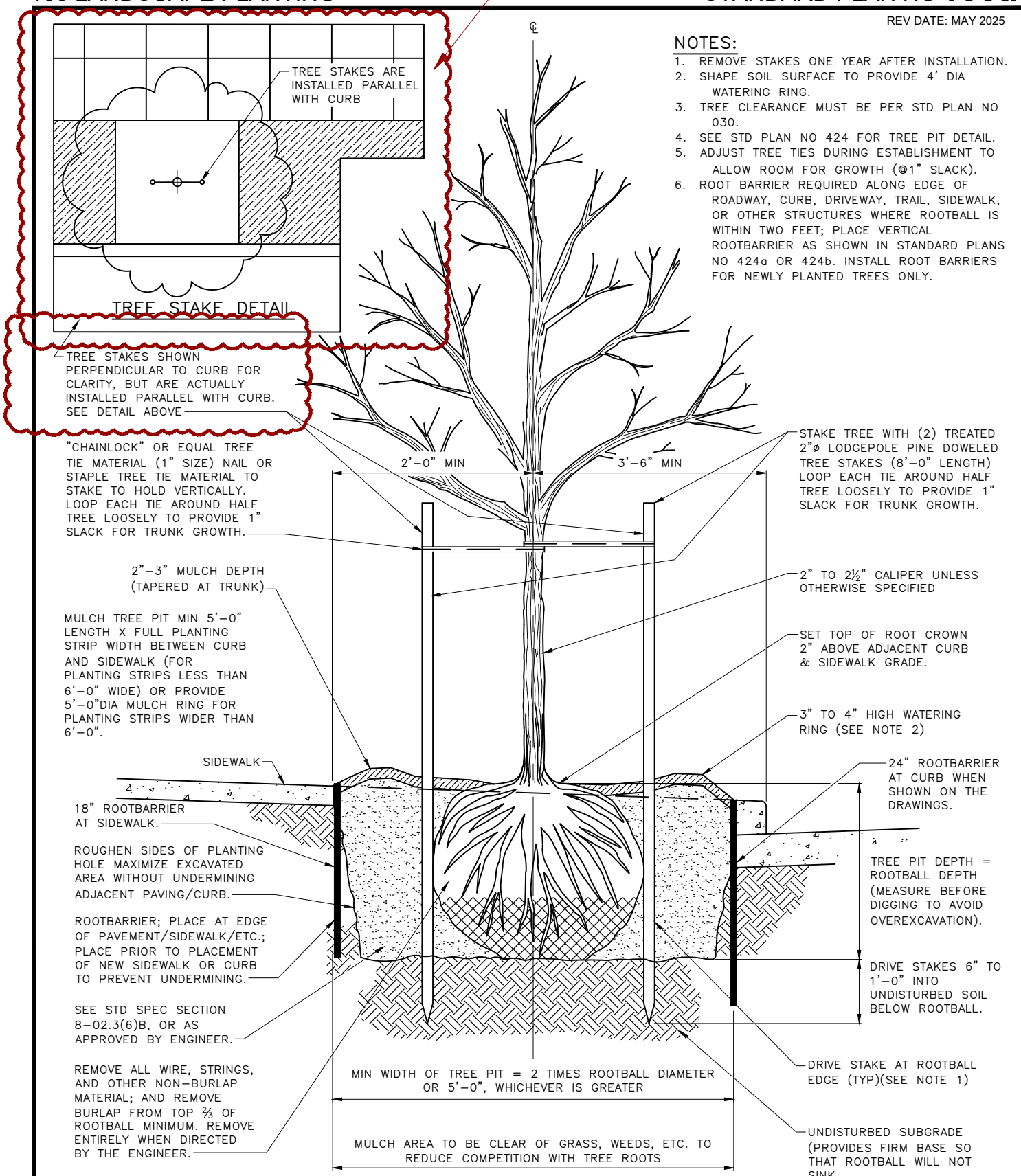
NOT TO SCALE

MONUMENT FRAME & COVER

*new detail
& callout*

NOTES:

1. REMOVE STAKES ONE YEAR AFTER INSTALLATION.
2. SHAPE SOIL SURFACE TO PROVIDE 4' DIA WATERING RING.
3. TREE CLEARANCE MUST BE PER STD PLAN NO 030.
4. SEE STD PLAN NO 424 FOR TREE PIT DETAIL.
5. ADJUST TREE TIES DURING ESTABLISHMENT TO ALLOW ROOM FOR GROWTH (@1" SLACK).
6. ROOT BARRIER REQUIRED ALONG EDGE OF ROADWAY, CURB, DRIVEWAY, TRAIL, SIDEWALK, OR OTHER STRUCTURES WHERE ROOTBALL IS WITHIN TWO FEET; PLACE VERTICAL ROOTBARRIER AS SHOWN IN STANDARD PLANS NO 424a OR 424b. INSTALL ROOT BARRIERS FOR NEWLY PLANTED TREES ONLY.



TREE STAKES ARE INSTALLED PARALLEL WITH CURB

TREE STAKE DETAIL

TREE STAKES SHOWN PERPENDICULAR TO CURB FOR CLARITY, BUT ARE ACTUALLY INSTALLED PARALLEL WITH CURB. SEE DETAIL ABOVE

"CHAINLOCK" OR EQUAL TREE TIE MATERIAL (1" SIZE) NAIL OR STAPLE TREE TIE MATERIAL TO STAKE TO HOLD VERTICALLY. LOOP EACH TIE AROUND HALF TREE LOOSELY TO PROVIDE 1" SLACK FOR TRUNK GROWTH.

2"-3" MULCH DEPTH (TAPERED AT TRUNK)

MULCH TREE PIT MIN 5'-0" LENGTH X FULL PLANTING STRIP WIDTH BETWEEN CURB AND SIDEWALK (FOR PLANTING STRIPS LESS THAN 6'-0" WIDE) OR PROVIDE 5'-0" DIA MULCH RING FOR PLANTING STRIPS WIDER THAN 6'-0".

SIDEWALK

18" ROOTBARRIER AT SIDEWALK.

ROUGHEN SIDES OF PLANTING HOLE MAXIMIZE EXCAVATED AREA WITHOUT UNDERMINING ADJACENT PAVING/CURB.

ROOTBARRIER; PLACE AT EDGE OF PAVEMENT/SIDEWALK/ETC.; PLACE PRIOR TO PLACEMENT OF NEW SIDEWALK OR CURB TO PREVENT UNDERMINING.

SEE STD SPEC SECTION 8-02.3(6)B, OR AS APPROVED BY ENGINEER.

REMOVE ALL WIRE, STRINGS, AND OTHER NON-BURLAP MATERIAL; AND REMOVE BURLAP FROM TOP 3/4 OF ROOTBALL MINIMUM. REMOVE ENTIRELY WHEN DIRECTED BY THE ENGINEER.

MIN WIDTH OF TREE PIT = 2 TIMES ROOTBALL DIAMETER OR 5'-0", WHICHEVER IS GREATER

MULCH AREA TO BE CLEAR OF GRASS, WEEDS, ETC. TO REDUCE COMPETITION WITH TREE ROOTS

STAKE TREE WITH (2) TREATED 2"Ø LODGEPOLE PINE DOWELED TREE STAKES (8'-0" LENGTH) LOOP EACH TIE AROUND HALF TREE LOOSELY TO PROVIDE 1" SLACK FOR TRUNK GROWTH.

2" TO 2½" CALIPER UNLESS OTHERWISE SPECIFIED

SET TOP OF ROOT CROWN 2" ABOVE ADJACENT CURB & SIDEWALK GRADE.

3" TO 4" HIGH WATERING RING (SEE NOTE 2)

24" ROOTBARRIER AT CURB WHEN SHOWN ON THE DRAWINGS.

TREE PIT DEPTH = ROOTBALL DEPTH (MEASURE BEFORE DIGGING TO AVOID OVEREXCAVATION).

DRIVE STAKES 6" TO 1'-0" INTO UNDISTURBED SOIL BELOW ROOTBALL.

DRIVE STAKE AT ROOTBALL EDGE (TYP)(SEE NOTE 1)

UNDISTURBED SUBGRADE (PROVIDES FIRM BASE SO THAT ROOTBALL WILL NOT SINK.)

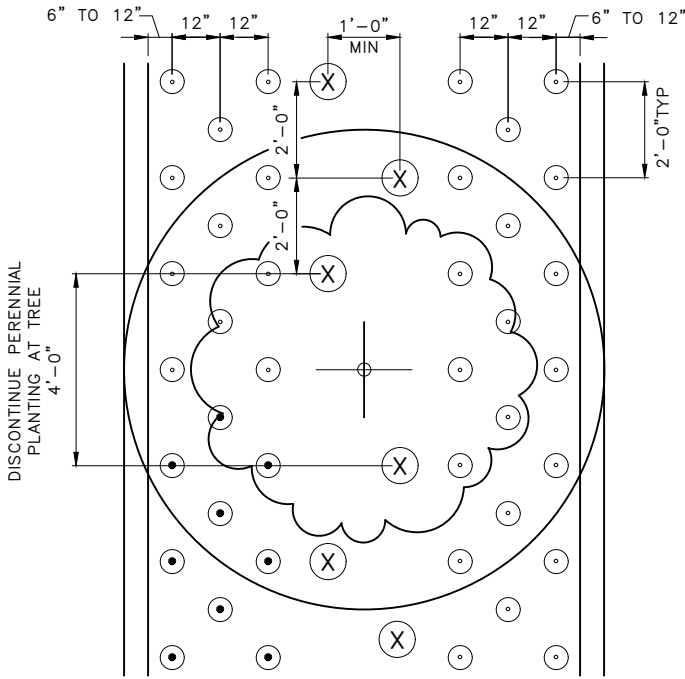
REF STD SPEC SEC 8-02



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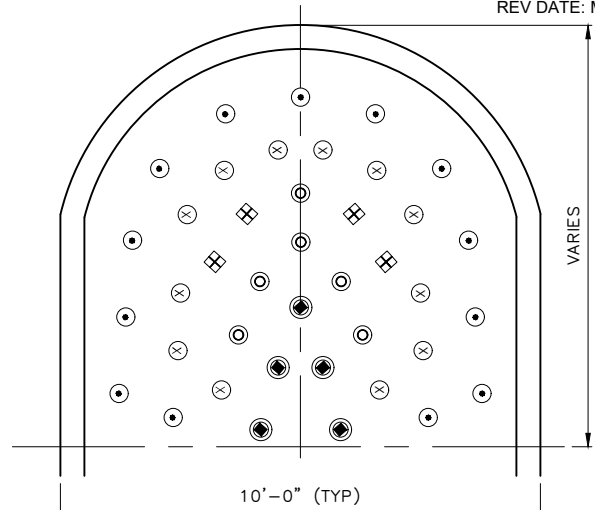
**DECIDUOUS TREE PLANTING
IN PLANTING STRIP**



QUANT PER 10'-0" LF MEDIAN

○ GROUNDCOVER	30
⊗ SHRUB	5

new detail & callout

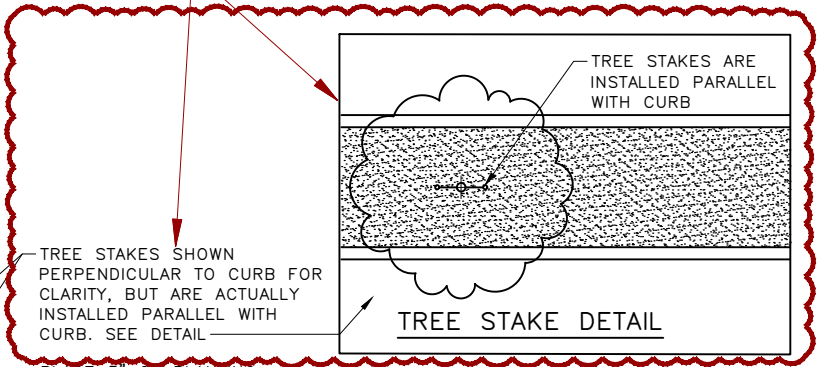


QUANT PER END CAP

◇ PERENNIAL TYPE 1	4
⊙ PERENNIAL TYPE 2	6
● PERENNIAL TYPE 3	5
⊕ EVERGREEN GROUNDCOVER TYPE 1	13
⊗ EVERGREEN GROUNDCOVER TYPE 2	12

END CAP DETAIL

DETAIL AT TREE PLAN



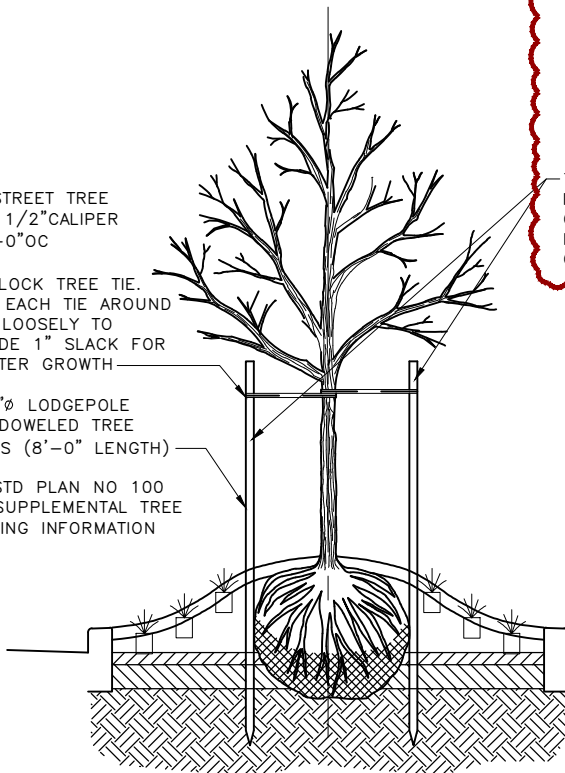
TREE STAKES SHOWN PERPENDICULAR TO CURB FOR CLARITY, BUT ARE ACTUALLY INSTALLED PARALLEL WITH CURB. SEE DETAIL

TYP STREET TREE
2"-2 1/2" CALIPER
@ 30'-0" OC

CHAINLOCK TREE TIE.
LOOP EACH TIE AROUND
TREE LOOSELY TO
PROVIDE 1" SLACK FOR
DIAMETER GROWTH

(2) 2"Ø LODGEPOLE
PINE DOWELED TREE
STAKES (8'-0" LENGTH)

SEE STD PLAN NO 100
FOR SUPPLEMENTAL
PLANTING INFORMATION



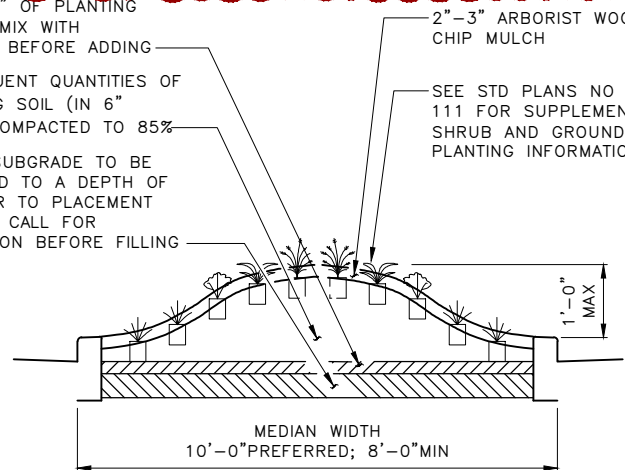
PLACE 3" OF PLANTING
SOIL & MIX WITH
SUBSOIL BEFORE ADDING

SUBSEQUENT QUANTITIES OF
PLANTING SOIL (IN 6"
LIFTS) COMPACTED TO 85%

NATIVE SUBGRADE TO BE
SCARIFIED TO A DEPTH OF
6" PRIOR TO PLACEMENT
OF FILL. CALL FOR
INSPECTION BEFORE FILLING

2"-3" ARBORIST WOOD
CHIP MULCH

SEE STD PLANS NO 110 &
111 FOR SUPPLEMENTAL
SHRUB AND GROUNDCOVER
PLANTING INFORMATION



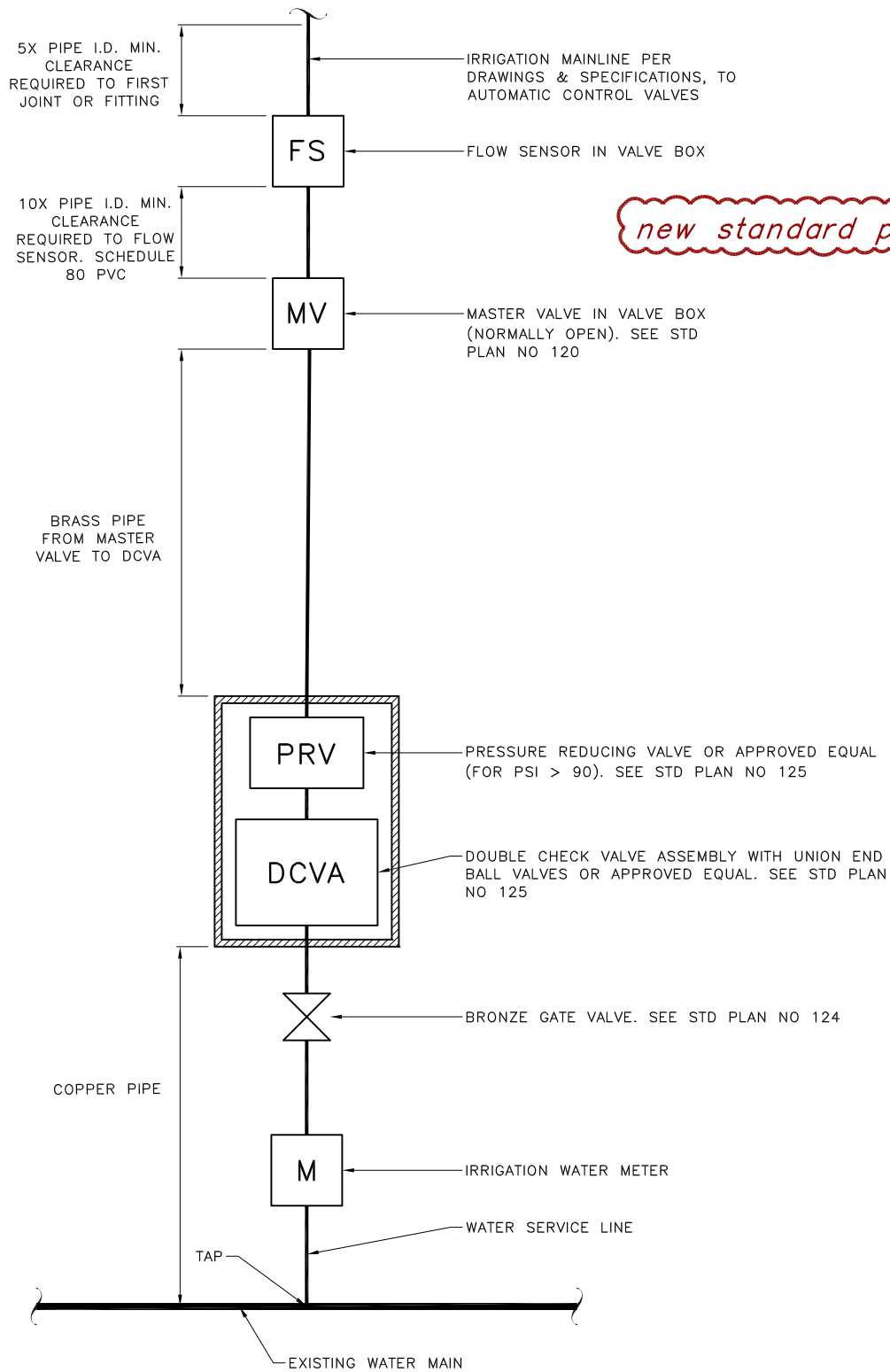
REF STD SPEC SEC 8-02



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MEDIAN PLANTING



REF STD SPEC SEC 8-03

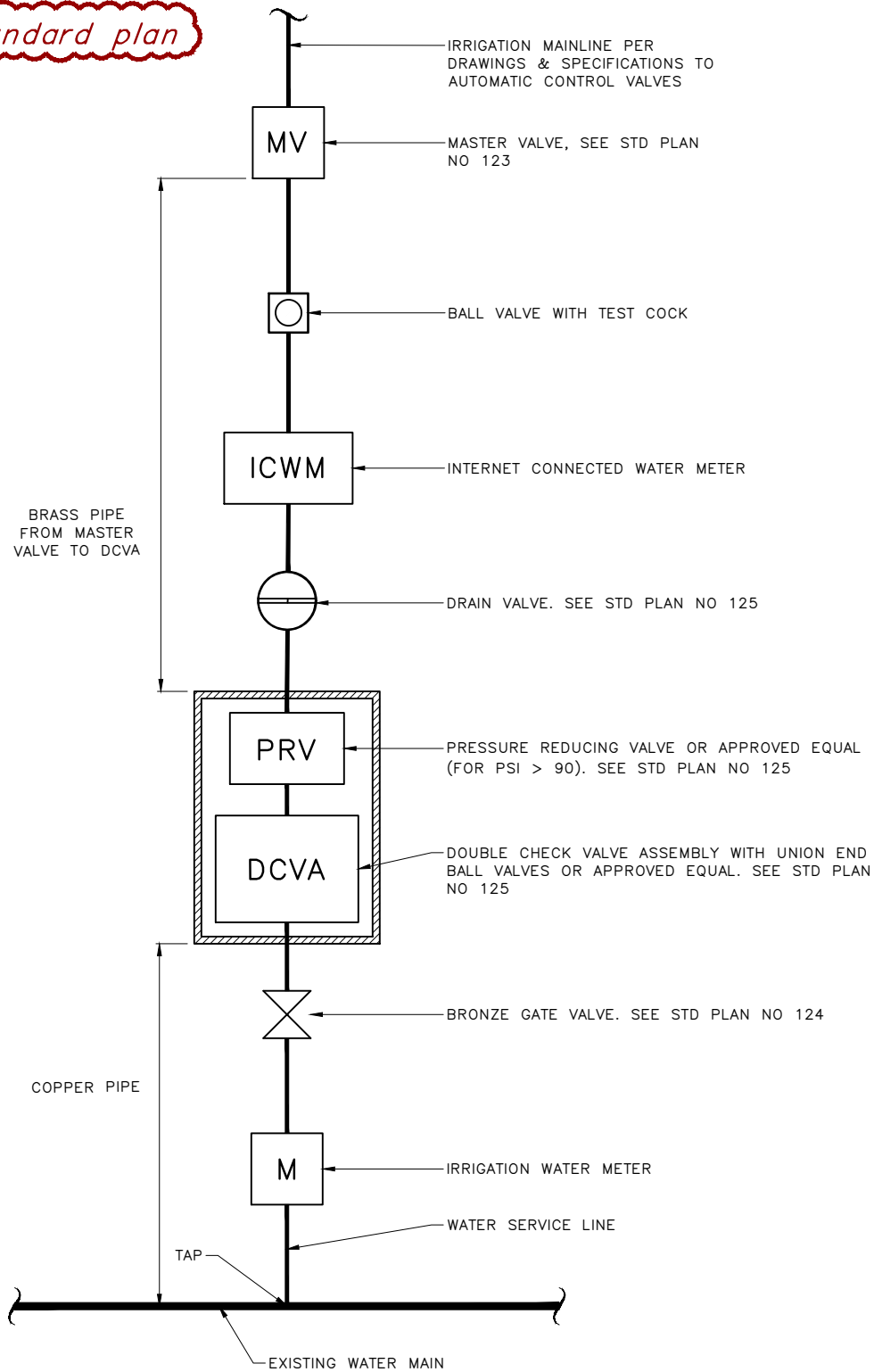


City of Seattle

NOT TO SCALE

IRRIGATION POINT OF CONNECTION DIAGRAM

new standard plan



REF STD SPEC SEC 8-03

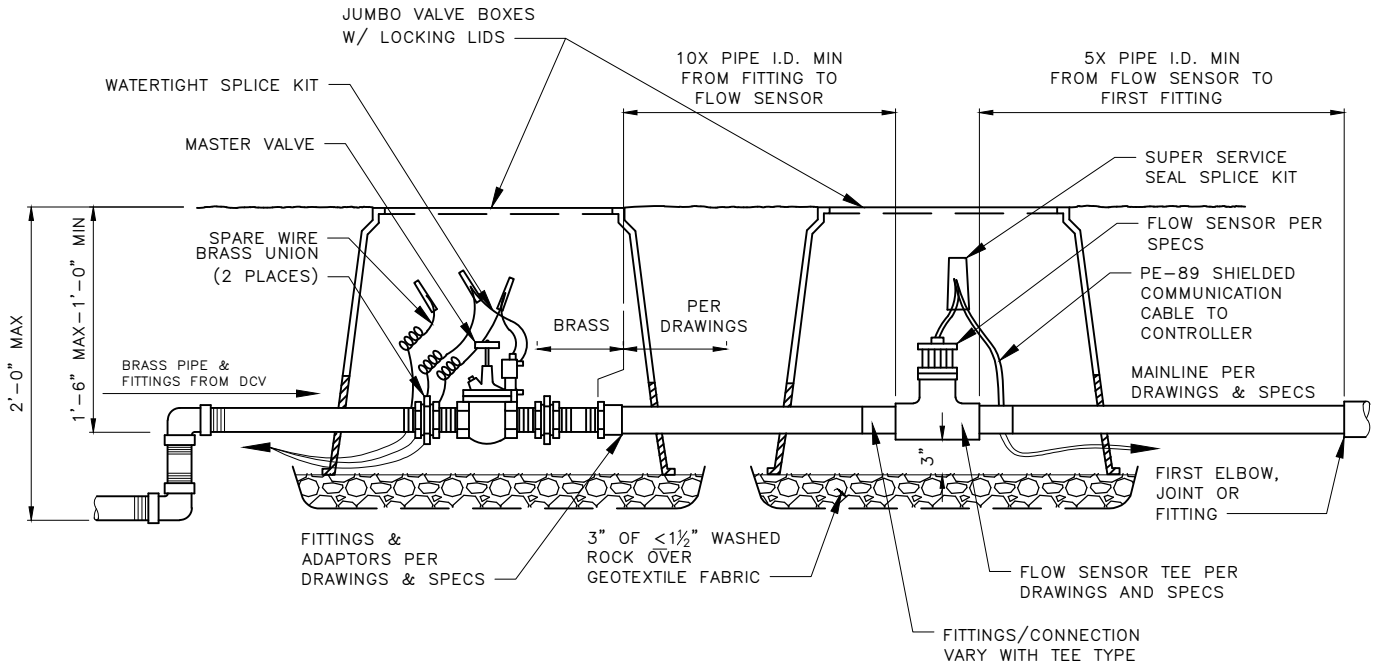


City of Seattle

NOT TO SCALE

IRRIGATION POINT OF CONNECTION
DIAGRAM FOR BATTERY
OPERATED CONTROLLERS

new standard plan



MASTER VALVE & FLOW SENSOR

NOTES:

1. USE TEFLON TAPE ON ALL THREADED FITTINGS.
2. FOR TWO-WIRE SYSTEMS, INSTALL COMMUNICATION WIRES AND DECODERS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
3. SEE STD PLAN 115a FOR POINT OF CONNECTION DIAGRAM.

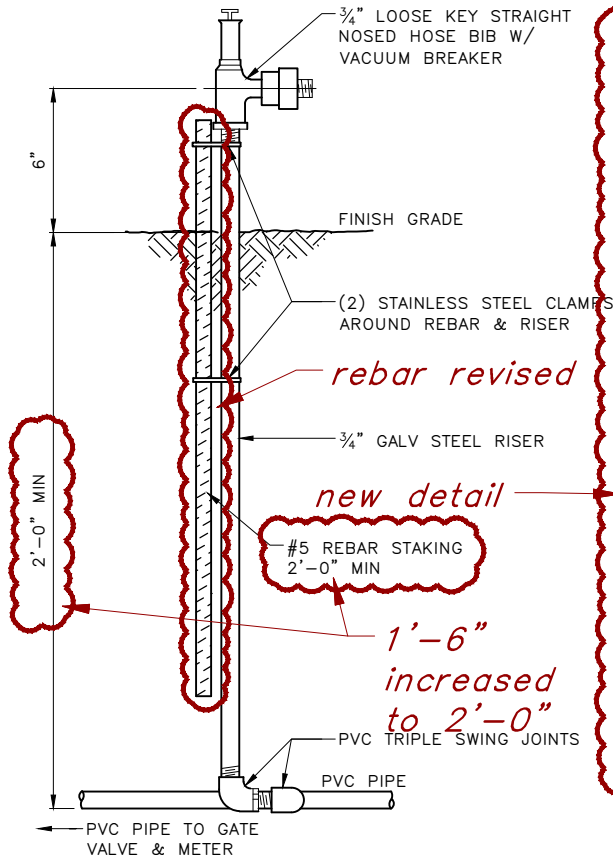
REF STD SPEC SEC 8-03



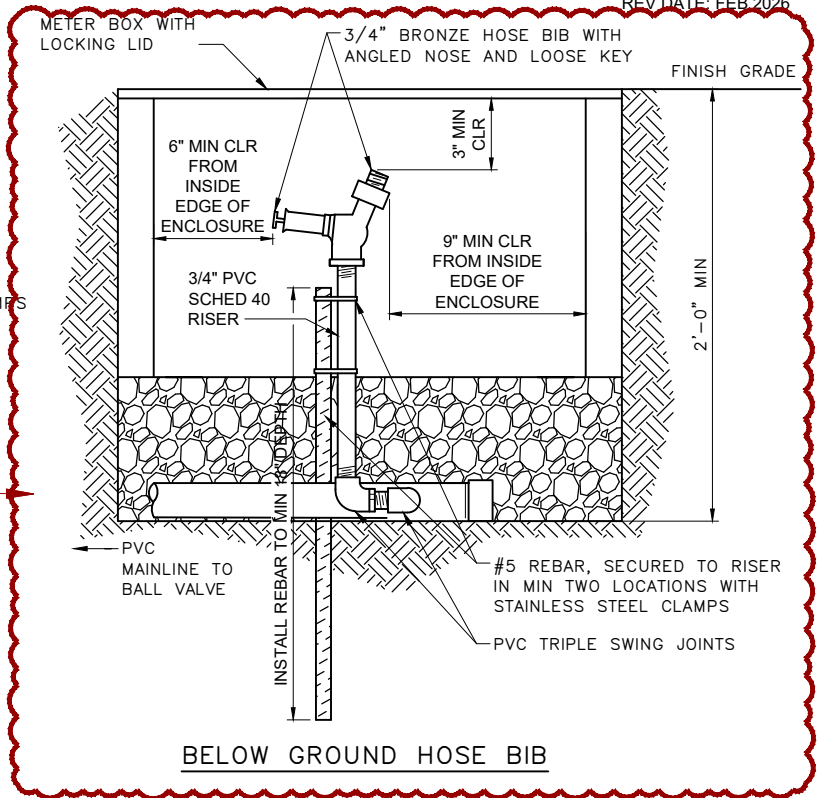
City of Seattle

NOT TO SCALE

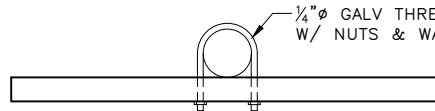
IRRIGATION
MASTER VALVE & FLOW SENSOR



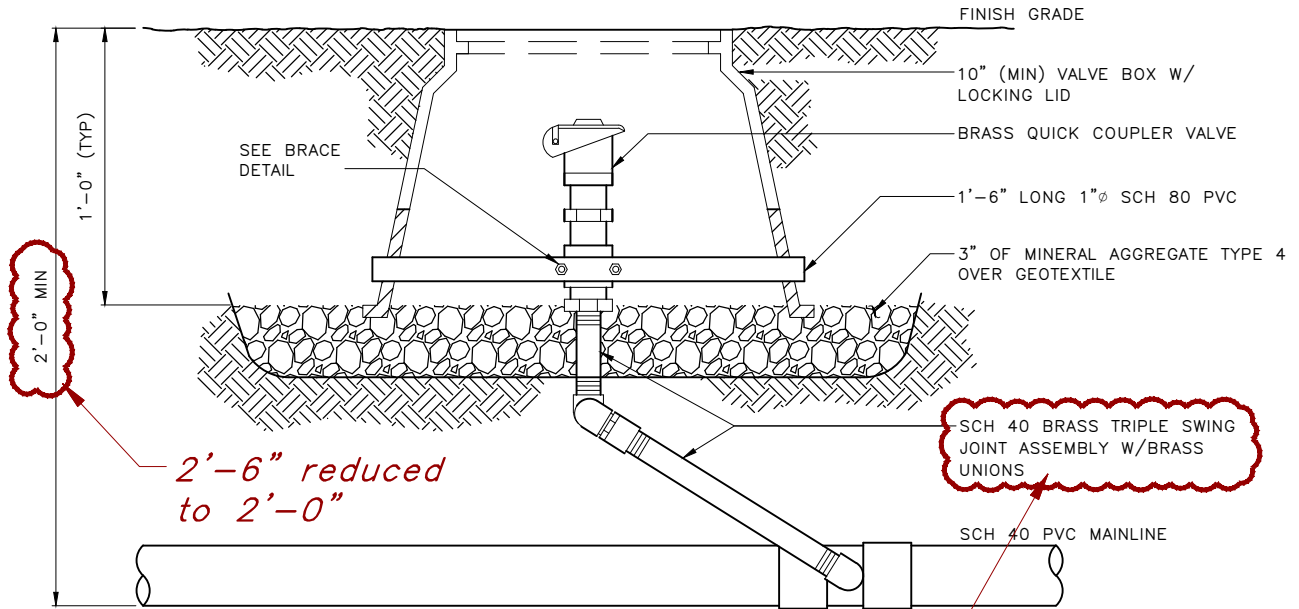
ABOVE GROUND HOSE BIB



BELOW GROUND HOSE BIB



BRACE DETAIL - PLAN VIEW



ELEVATION VIEW

QUICK COUPLER VALVE
TURF OR BED AREAS

"PVC GALVANIZED" changed to "BRASS"

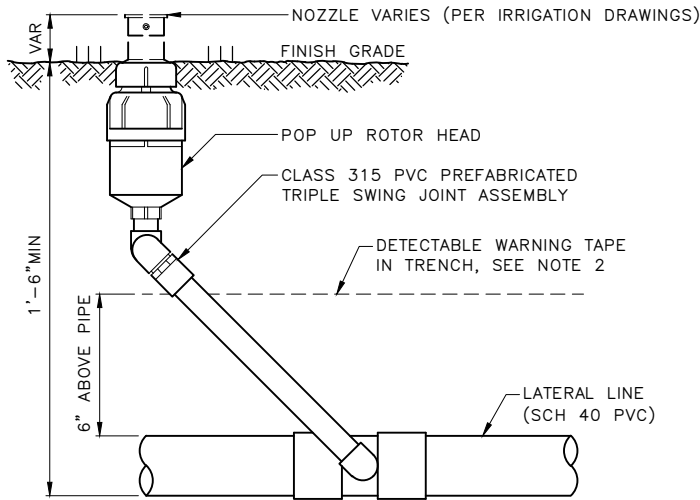
REF STD SPEC SEC 8-03



City of Seattle

NOT TO SCALE

IRRIGATION
HOSE BIB ASSEMBLY AND
QUICK COUPLER VALVE



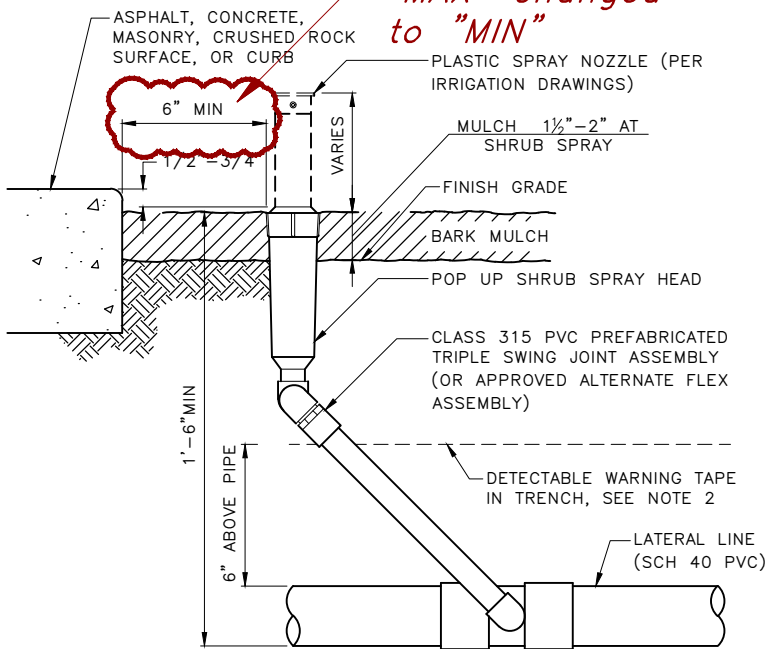
NOTE:

1. USE TEFLON TAPE ON ALL THREADED FITTINGS
2. DETECTABLE MARKING TAPE COLOR PER STANDARD SPECIFICATIONS SECTION 9-15.11 FOR POTABLE OR NON-POTABLE WATER

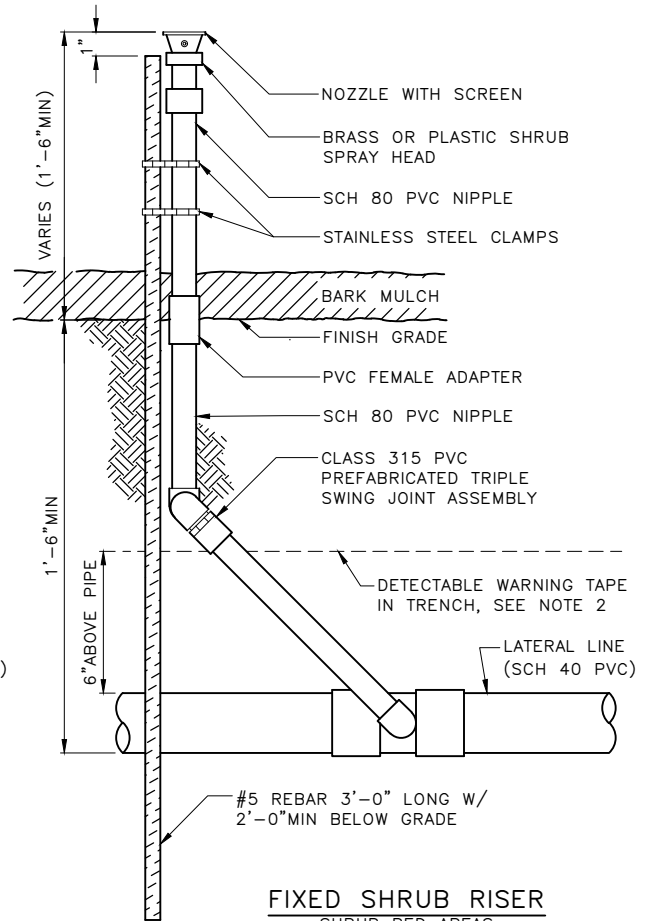
POP UP ROTOR HEAD

TURF AREAS

"MAX" changed to "MIN"



**POP UP ROTOR HEAD
(SHRUB BED AREAS)
AT EDGE OF PAVEMENT**



**FIXED SHRUB RISER
SHRUB BED AREAS**

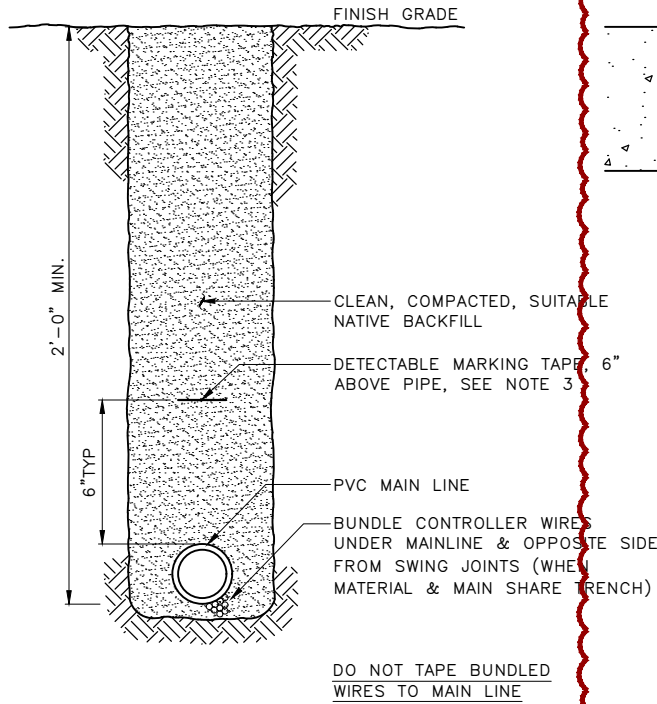
REF STD SPEC SEC 8-03



City of Seattle

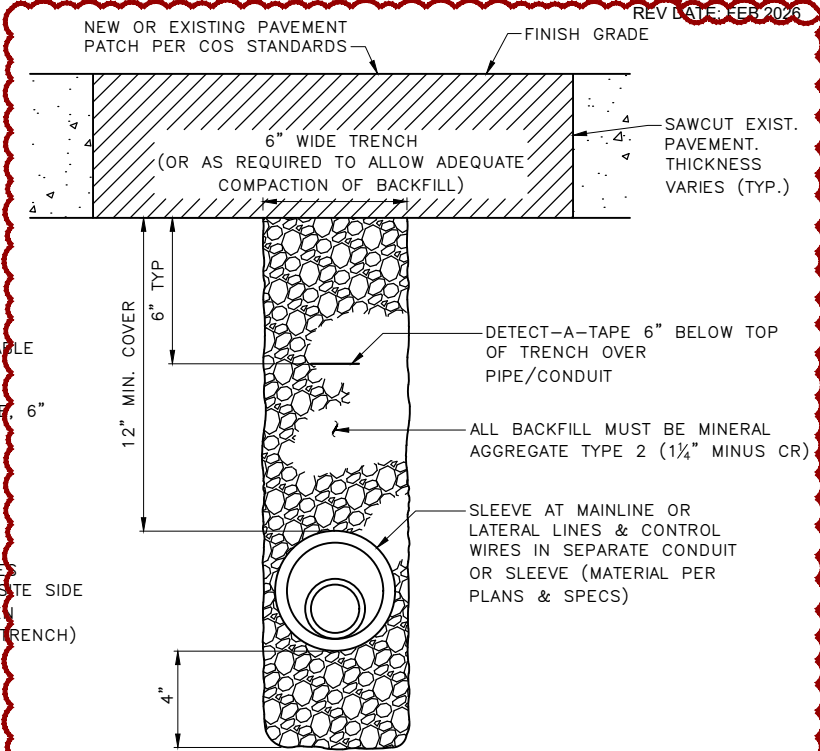
NOT TO SCALE

**POP UP & FIXED
IRRIGATION HEADS**

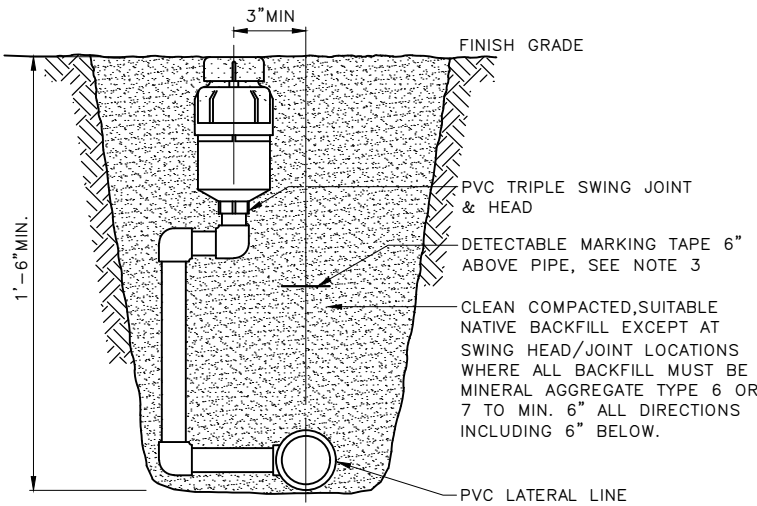


MAINLINE

detail revised

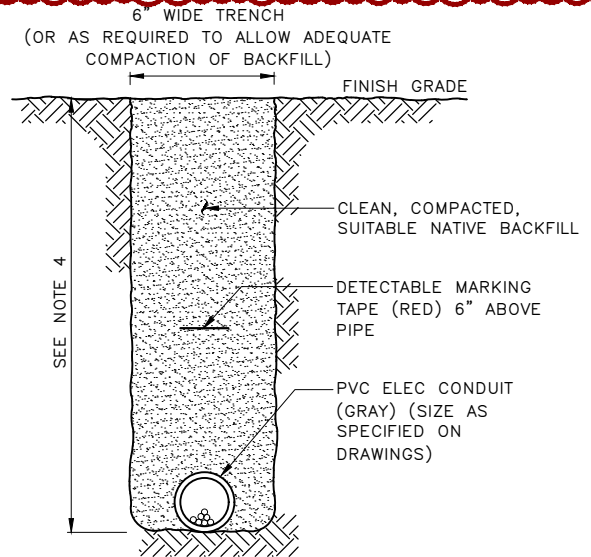


IRRIGATION SLEEVE TRENCHING UNDER PATHWAY OR SIDEWALK



LATERAL LINE

notes revised



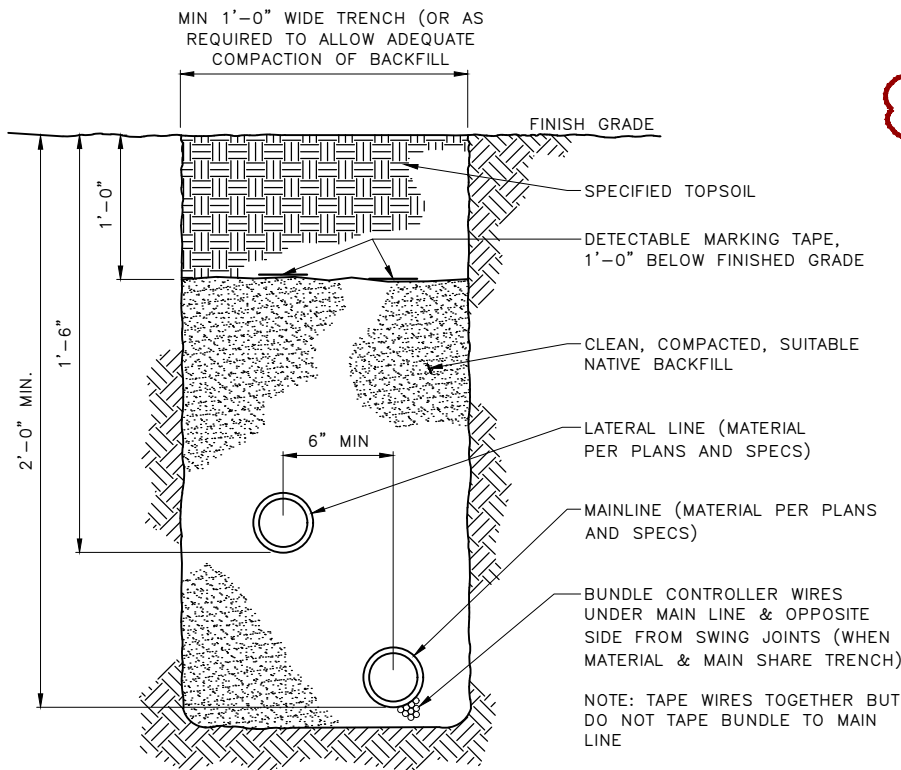
ELECTRICAL SUPPLY TRENCH

NOTES:

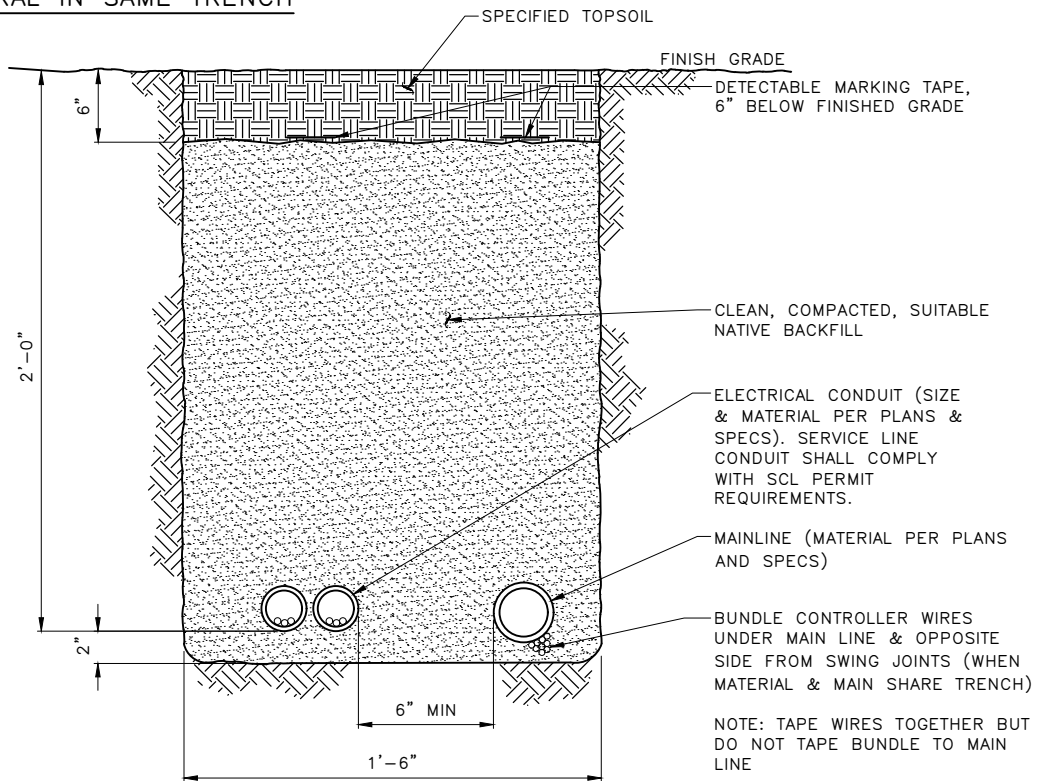
1. SLEEVE ID MUST BE AT LEAST TWICE THE OD SIZE OF PIPE.
2. WIRES MUST BE IN SEPARATE CONDUIT SLEEVE EXCEPT UNDER ROADS WITH HEAVY VEHICLE TRAFFIC.
3. SLEEVES MUST BE REQUIRED UNDER ALL PAVED AREAS & WALL OR FOOTING PENETRATIONS.
4. FOR TRANSVERSE INSTALLATION (CROSSING THE PATHWAY), WITH VEHICULAR LOADING AND COVER IS LESS THAN 18 INCHES, USE CDF AS TRENCH BACKFILL.
5. FOR LONGITUDINAL INSTALLATION (ALONG THE PATHWAY), INSTALL LINE IN MIDWAY THE WIDTH OF THE PATH (NOT ALONG THE WHEEL PATH), THEN STANDARD TRENCH BACKFILL.



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MAINLINE & LATERAL IN SAME TRENCH



MAINLINE & POWER SUPPLY IN SAME TRENCH

REF STD SPEC SEC 8-03

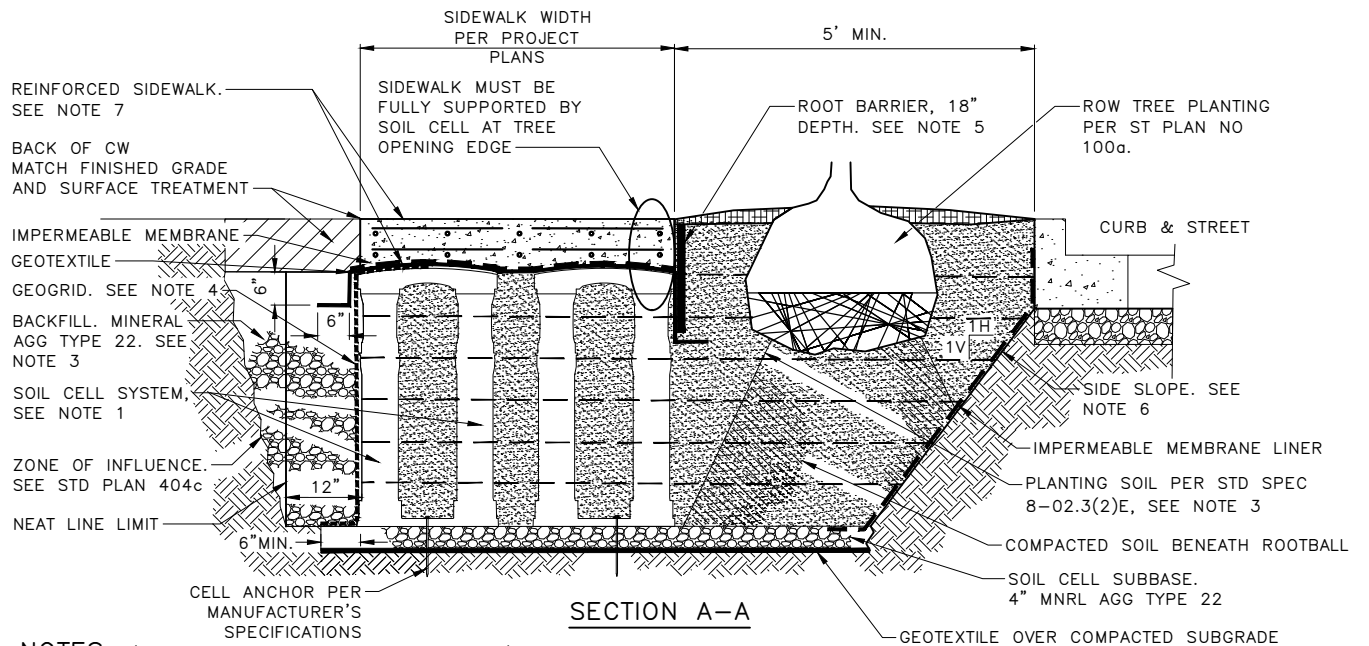
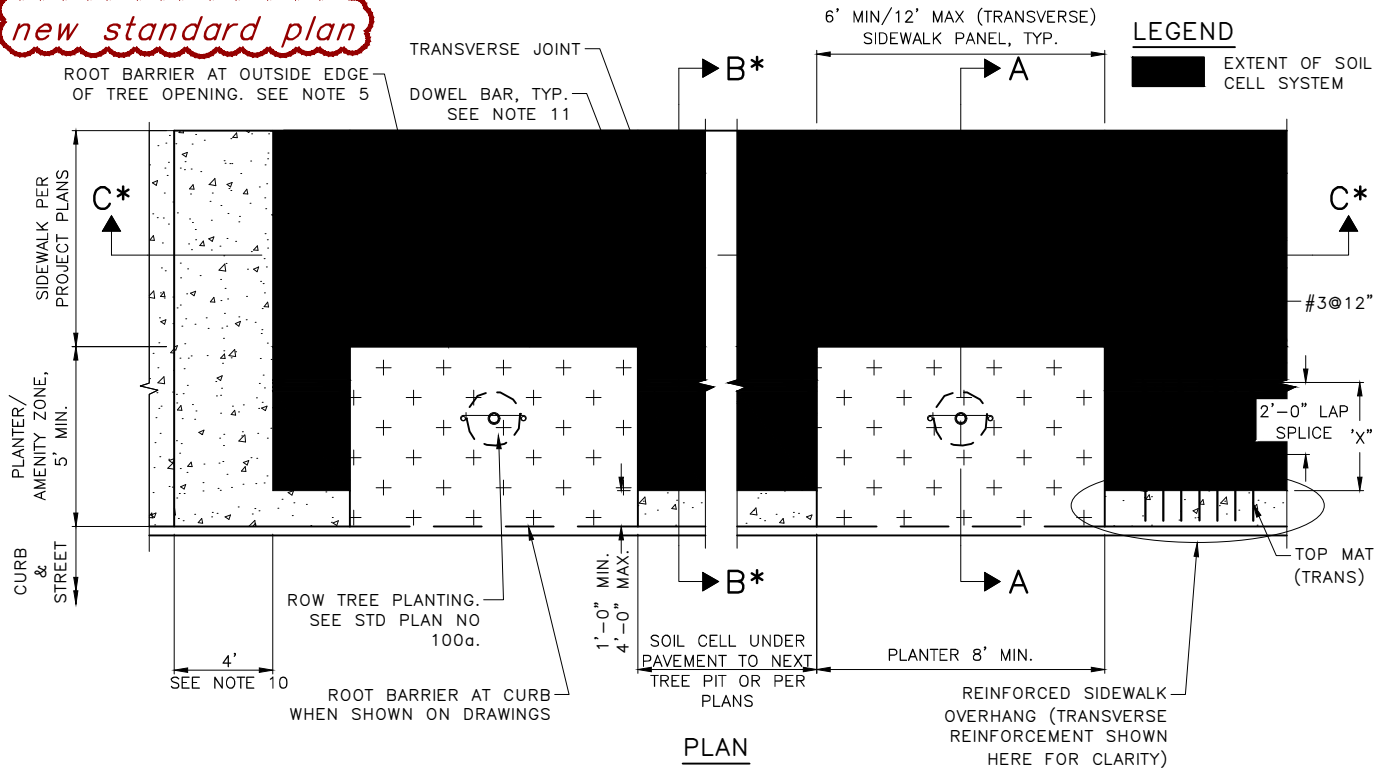


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IRRIGATION TRENCHES

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NOTES: (SEE STD PLAN 150b FOR NOTES 6-11)

1. INSTALL SOIL CELL SYSTEM (SOIL CELL MODULAR COMPONENTS, GEOTEXTILE, GEOGRID, TIES, ETC.) PER MANUFACTURER'S SPECIFICATIONS.
 2. SOIL CELL SYSTEM DEPTH AND EXTENTS VARY BY PROJECT. SEE PROJECT PLANS.
 3. INSTALL BACKFILL AND SOIL IN 6" LIFTS. MOISTEN AND COMPACT SOIL BY TAMPING. COMPACT BACKFILL AFTER SOIL HAS BEEN PLACED TO BACKFILL LEVEL.
 4. WRAP GEOGRID AROUND OUTSIDE PERIMETER OF THE SOIL CELL SYSTEM. ALLOW FOR 6" BASE AND 12" DECK OVERLAP.
 5. INSTALL ROOT BARRIER PER STANDARD PLAN NO 100a.
- B* SEE SECTION B-B STANDARD PLAN 150b
 C* SEE SECTION C-C STANDARD PLAN 150b

REF STD SPEC SEC 8-02.3(27)

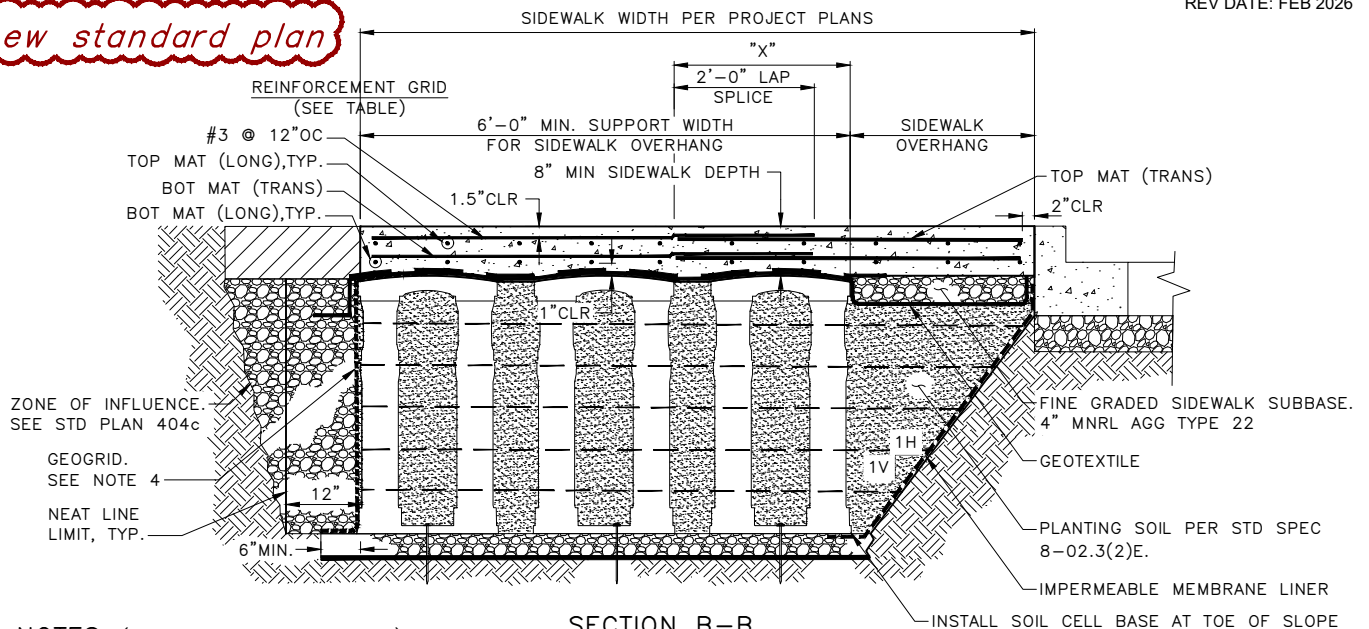


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SOIL CELL

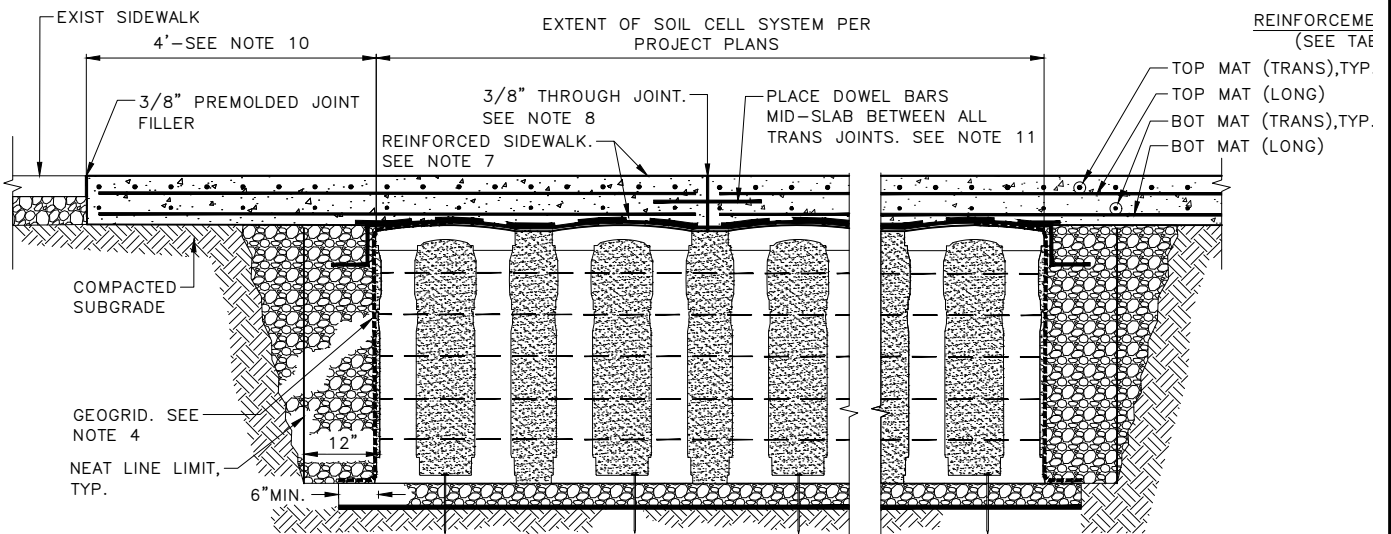
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NOTES: (CONT FROM STD PLAN 150a)

SECTION B-B

6. INSTALL SIDE SLOPE BEGINNING AT BOTTOM OF ROADWAY SUBBASE TO TOP OF SOIL CELL AGGREGATE SUBBASE.
7. INSTALL REINFORCED SIDEWALK OVER IMPERMEABLE MEMBRANE LINER OVER GEOTEXTILE OVER SOIL CELL DECK. SEE TABLE FOR VARIABLE SIDEWALK DEPTHS AND REINFORCEMENT REQUIREMENTS.
8. 3/8" THROUGH AND CONTRACTION JOINTS MUST BE LOCATED AS REQUIRED BY SECTION 8-14.3(6). SOIL CELL SUPPORTED SIDEWALK JOINTS SHALL HAVE A MINIMUM INTERVAL OF 6' AND A MAXIMUM INTERVAL OF 12' IN THE LONGITUDINAL DIRECTION.
9. ALL REINFORCED SIDEWALK MUST BE CLASS 4000 CONCRETE. SIDEWALK FINISHING MUST BE AS REQUIRED BY SECTION 8-14.3(4)B.
10. PROVIDE REINFORCED CONC SIDEWALK SLAB ON GRADE TO SPAN 4' BEYOND SOIL CELL SUPPORT.
11. SEE STANDARD PLAN 405C FOR DOWEL BAR SIZE, SPACING AND PLACEMENT REQUIREMENTS.



SECTION C-C

SIDEWALK REINFORCEMENT GRID REQUIREMENTS

SIDEWALK OVERHANG	TOP MAT (TRANSVERSE)	TOP MAT (LONGITUDINAL)	MINIMUM AREA TOP/FT (IN ²)	BOTTOM MAT (LONGITUDINAL & TRANSVERSE)	MINIMUM AREA BOTTOM/FT (IN ²)	"x"
>3'-0" TO 4'-0"	#6 @ 6"OC	#3 @ 12"OC	0.78	#3 @ 12"OC	0.11	4'-6"
>2'-0" TO 3'-0"	#5 @ 6"OC	#3 @ 12"OC	0.50	#3 @ 12"OC	0.11	3'-0"
>1'-0" TO 2'-0"	#4 @ 6"OC	#3 @ 12"OC	0.25	#3 @ 12"OC	0.11	2'-3"

REINFORCED SIDEWALK NOTES:

- A. WHEN AN OVERHANG IS LESS THAN 1'-0" USE #3@12"OC FOR BOTH TOP & BOTTOM MAT TRANSVERSELY AND LONGITUDINALLY.
- B. TRANSVERSE STEEL IS IN THE DIRECTION OF OVERHANG IF ONE IS PRESENT.
- C. OVERHANG SLAB SECTIONS MUST BE 6' WIDE LONGITUDINALLY AT A MINIMUM AND CAN BE INCREASED TO A MAXIMUM OF 12'.

REF STD SPEC SEC 8-02.3(27)

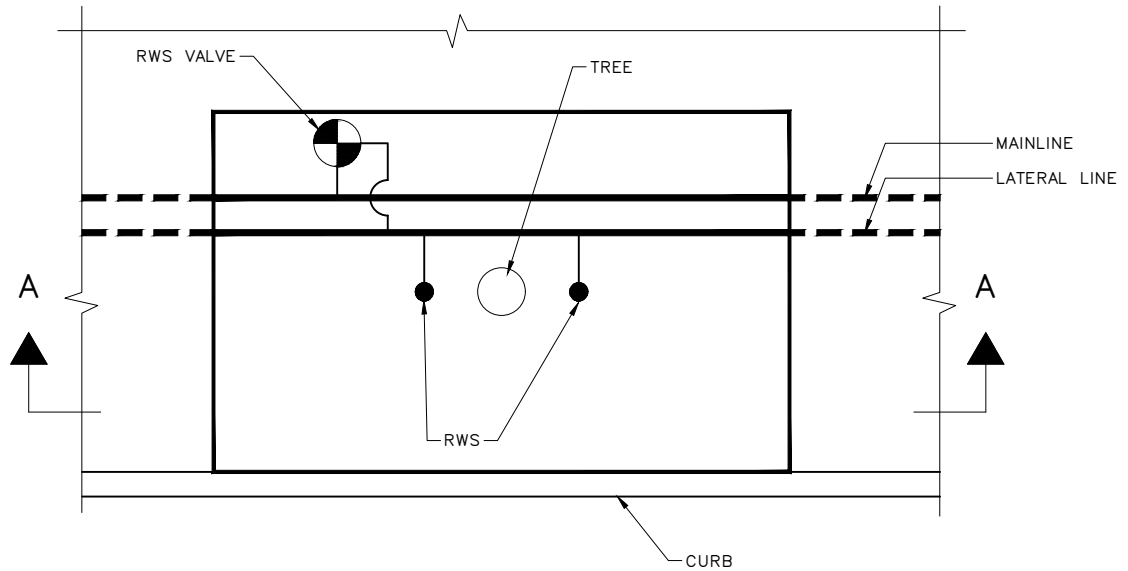


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SOIL CELL

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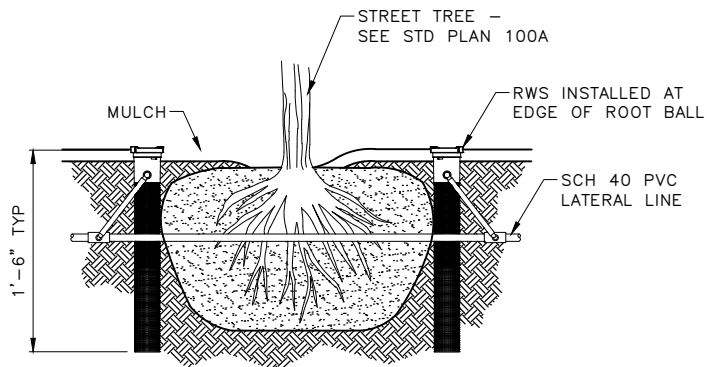


NOTES:

1. INSTALL A MINIMUM OF TWO ROOT WATERING SYSTEMS (RWS) PER TREE.
2. INSTALL IRRIGATION MAINLINE, LATERAL LINES, AND VALVE BOXES ON SIDEWALK SIDE.
3. INSTALL RWS A MINIMUM OF 12 INCHES FROM PAVEMENT EDGE AND 18 INCHES FROM BACK OF CURB.

TREE PIT IRRIGATION DETAILS

RWS = ROOT WATERING SYSTEM



SECTION A-A

REF STD SPEC SEC 8-03

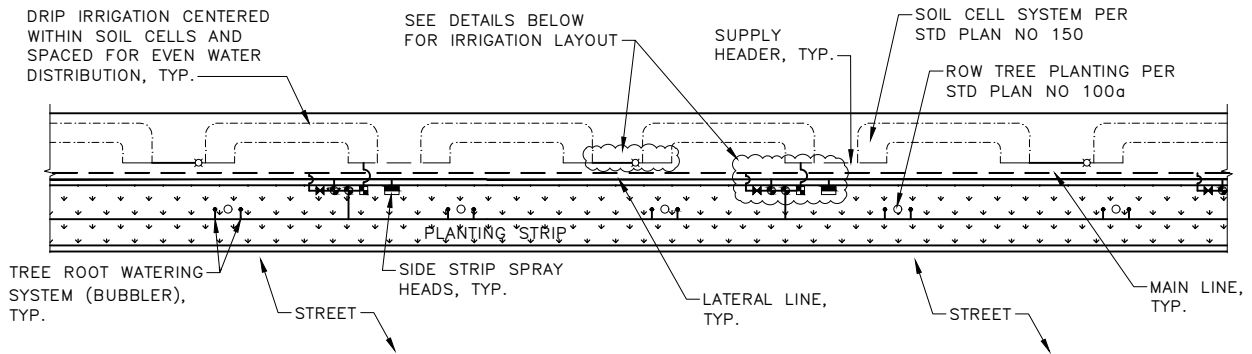


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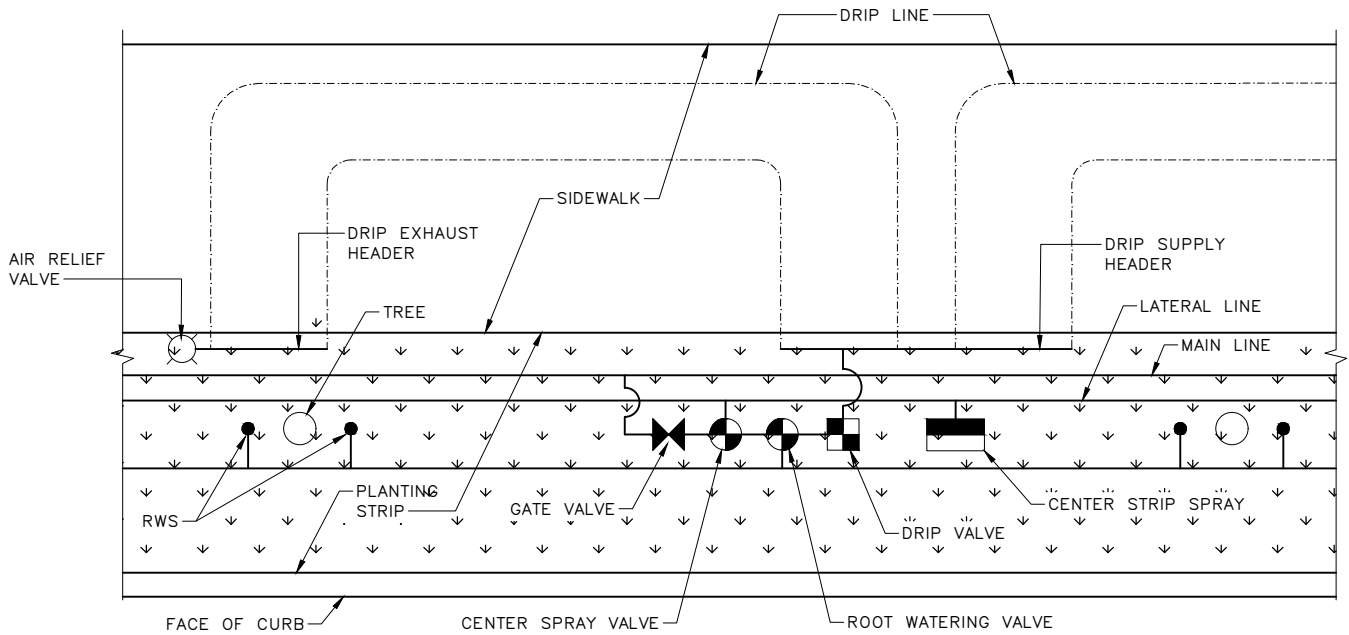
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**IRRIGATION FOR TREE PITS
WITH SOIL CELLS**

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IRRIGATION FOR SOIL CELLS WITH TREES IN PLANTING STRIP



IRRIGATION DETAIL FOR SOIL CELLS WITHIN PLANTING STRIPS

RWS = ROOT WATERING SYSTEM

NOTE: CENTER DRIP LINE IN SOIL CELLS PER MANUFACTURER

NOTES:

1. INSTALL A MINIMUM OF TWO ROOT WATERING SYSTEMS PER TREE.
2. CENTER DRIP TUBING IN SOIL CELLS PER MANUFACTURER.
3. INSTALL MAINLINE AND VALVE BOXES ON SIDEWALK SIDE OF PLANTING STRIP.
4. INSTALL SPRAY HEADS A MINIMUM OF 1 FOOT FROM CURB AND SIDEWALK.
5. ADJUST IRRIGATION LAYOUT AND SOIL CELL LAYOUT TO FIT PROJECT PLANS.

REF STD SPEC SEC 8-03



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IRRIGATION FOR PLANTING STRIPS WITH SOIL CELLS