

# SCOTTSDALE QUARTER | BUILDING M

SIDEWALK RENOVATION / PATIO REMODEL

LANDSCAPE + IRRIGATION PLAN

15059 NORTH SCOTTSDALE ROAD | SCOTTSDALE | AZ | 85254

## SCOTTSDALE GENERAL NOTES

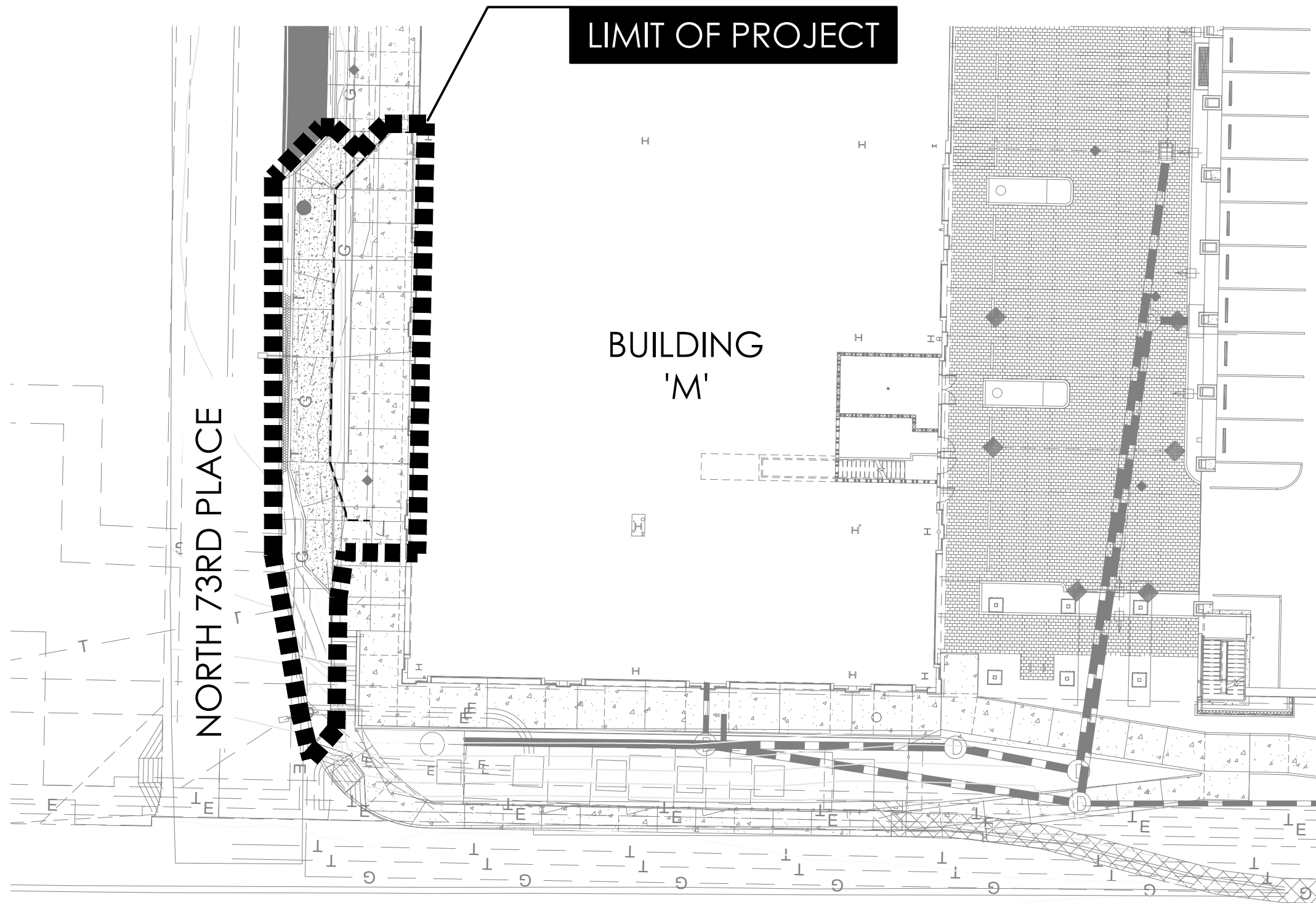
- NO TREES OR SHRUBS SHALL BE PLANTED WITHIN A 5 FT. RADIUS AROUND FIRE HYDRANTS.
- AREAS OF DECOMPOSED GRANITE WITHOUT PLANT MATERIALS / GROUNDCOVERS SHALL NOT EXCEED DIMENSIONS OF MORE THAN 7 FEET IN ANY ONE DIRECTION, MEASURED BETWEEN (MATURE) PLANT CANOPIES AND/OR COVERAGE.
- A SINGLE TRUNK TREE'S CALIPER SIZE THAT IS EQUAL TO OR LESS THAN 4 INCHES, SHALL BE DETERMINED BY USING THE SMALLEST DIAMETER OF THE TRUNK 6 INCHES ABOVE FINISHED GRADE ADJACENT TO THE TRUNK. A TREE'S CALIPERS SIZE, FOR SINGLE TRUNK TREES THAT ARE TO HAVE A DIAMETER GREATER THAN 4 INCHES, SHALL BE DETERMINED BY UTILIZING THE SMALLEST DIAMETER OF THE TRUNK 12 INCHES ABOVE FINISHED GRADE ADJACENT TO THE TRUNK. A MULTIPLE TRUNK TREE'S CALIPER SIZE IS MEASURED AT 6 INCHES ABOVE WHERE THE TRUNK SPLITS ORIGINATE, OR 6 INCHES ABOVE FINISHED GRADE IF TRUNKS ORIGINATE FROM THE GROUND.
- AREA WITHIN THE SIGHT DISTANCE TRIANGLES IS TO BE CLEAR OF LANDSCAPING, SIGNS, OR OTHER VISIBLE OBSTRUCTIONS WITH A HEIGHT GREATER THAT 1.5 FEET. TREES WITHIN THE SIGHT TRIANGLE SHALL HAVE A SINGLE TRUNK AND A CANOPY THAT BEGINS AT 8 FEET IN HEIGHT UPON INSTALLATION. ALL HEIGHTS ARE MEASURED FROM THE NEAREST STREET LINE ELEVATION.
- RETENTION / DETENTION BASINS SHALL BE CONSTRUCTED SOLELY FROM THE APPROVED CIVIL PLANS. ANY ALTERATION OF THE APPROVED DESIGN (ADDITIONAL FILL, BOULDERS ETC.) SHALL REQUIRE ADDITIONAL FINAL PLANS STAFF REVIEW AND APPROVAL.
- ALL RIGHTS-OF-WAY ADJACENT TO THIS PROPERTY SHALL BE LANDSCAPED AND MAINTAINED BY THE PROPERTY OWNER.
- PRIOR TO THE ESTABLISHMENT OF WATER SERVICE, NON-RESIDENTIAL PROJECTS WITH AN ESTIMATED ANNUAL WATER DEMAND OF TEN (10) ACRE FEET OR MORE, SHALL SUBMIT A CONSERVATION PLAN IN CONFORMANCE WITH SECTIONS 49-245 THROUGH 49-248 OF THE CITY CODE TO THE WATER CONSERVATION OFFICE.
- TURF SHALL BE LIMITED TO A MAXIMUM AREA SPECIFIED IN SECTIONS 49-425 THROUGH 49-248 OF THE CITY CODE AND SHALL BE SHOWN ON LANDSCAPE PLANS SUBMITTED AT THE TIME OF FINAL PLANS.
- NO LIGHTING IS APPROVED WITH THE SUBMITTAL.
- THE LANDSCAPE SPECIFICATION SECTION(S) OF THESE PLANS HAVE NOT BEEN REVIEWED AND SHALL NOT BE A PART OF THE CITY OF SCOTTSDALE'S APPROVAL.
- ALL SIGNS REQUIRE SEPARATE PERMITS AND APPROVALS.
- NEW LANDSCAPING, INCLUDING SALVAGED PLANT MATERIAL, AND LANDSCAPING INDICATED TO REMAIN, WHICH IS DESTROYED, DAMAGED, OR EXPIRES DURING CONSTRUCTION SHALL BE REPLACE WITH LIKE KIND AND QUANTITY PRIOR TO THE ISSUANCE OF THE CERTIFICATE OF OCCUPANCY / LETTER OF ACCEPTANCE TO THE SATISFACTION OF THE INSPECTION SERVICES STAFF.

## PLANTING NOTES

- ALL PLANTING AREAS ARE TO HAVE DECOMPOSED GRANITE, COLOR AND SIZE AS SPECIFIED, 2" MIN DEPTH TYP.
- NO PLANT SUBSTITUTIONS ALLOWED UNLESS APPROVED IN WRITING BY LANDSCAPE ARCHITECT AND THE CITY OF SCOTTSDALE.
- ALL PLANT MATERIAL MUST MEET ANA SPECIFICATIONS.
- ALL PLANT MATERIAL THAT IS NOT LABELED "TO REMAIN" ARE TO BE RELOCATED PER PLANTING PLANS.
- ALL AREAS DISTURBED DURING CONSTRUCTION ARE TO BE FINE GRADED AND TREATED TO BLEND EVENLY WITH ALL NEWLY CONSTRUCTED AREAS.
- LANDSCAPE ARCHITECT, OWNERS REPRESENTATIVE, AND THE CITY OF SCOTTSDALE RESERVES THE RIGHT TO REJECT ANY PLANT MATERIAL THAT IS DETERMINED TO NOT SATISFY THE DESIGN INTENT OF THE LANDSCAPE PLAN BASED ON SIZE, SHAPE, APPEARANCE, HEALTH, OR IMPROPER CARE.
- ALL DOWNSPOUTS / SCUPPERS ARE TO HAVE 3'x3', 3" - 6" NATIVE STONE MATERIAL INSTALLED TO PREVENT EROSION WHERE REQUIRED.
- ALL BERM CONTOUR INTERVALS ARE AT 1'-0", SLOPES NOT TO EXCEED 4:1.
- PLANTS TO BE LOCATED AWAY FROM OBSTACLES SUCH AS FIRE HYDRANTS, TRANSFORMERS, POWER POLES, AND LIGHT FIXTURES AS NECESSARY. DO NOT INSTALL PLANT MATERIAL IN ANY AREA WHICH WILL CAUSE HARM TO ADJACENT IMPROVEMENTS.
- PLANT TREES, SHRUBS, AND CACTI PLUMB, AND FACED TO GIVE THE BEST APPEARANCE OR RELATIONSHIP TO ADJACENT PLANTS OR VIEWS.
- LANDSCAPE CONTRACTOR TO PERFORM A SOILS TEST PRIOR TO LANDSCAPE CONSTRUCTION TO DETERMINE ANY NUTRIENT DEFICIENCIES. IF ANY DEFICIENCIES EXIST, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO AMEND THE SOIL ACCORDINGLY.

## IRRIGATION NOTES

- ALL LANDSCAPE AREAS ARE TO BE WATERED WITH A FULLY AUTOMATIC IRRIGATION SYSTEM.
- IRRIGATION SYSTEM SHALL UTILIZE THE EXISTING IRRIGATION METER LOCATED AT SCOTTSDALE ROAD. REPAIR / REPLACE BACKFLOW DEVICE AS REQUIRED TO BRING UP TO CURRENT CITY OF SCOTTSDALE CODE REQUIREMENTS.
- ALL EXISTING IRRIGATION EQUIPMENT SHALL BE REPLACED WITH NEW HIGH EFFICIENCY COMPONENTS PER CITY STANDARDS.



## OVERALL SITE PLAN

## DESIGN STANDARDS

- FINAL TREE LOCATIONS, AS APPLICABLE, SHALL BE LOCATED SO AS TO NOT BE IN CONFLICT WITH BUILDING OR POLE MOUNTED SITE LIGHTING.
- FINAL PLANT LOCATIONS SHALL BE LOCATED SO AS TO NOT BE IN CONFLICT WITH PEDESTRIAN WALKWAYS, PATHWAYS AND PARKING AREAS UPON MATURE SIZE.
- ANY PLANTS THAT MAY HAVE THORNS OR MILKY SAP ARE TO BE APPROPRIATELY LOCATED AWAY FROM PEDESTRIAN WALKWAYS. THORNY PLANTS = 4' / MILKY SAP = 3'.
- FINAL PLANS SHALL INCLUDE THE LOCATIONS FOR EXTERIOR LIGHT FIXTURES, FIRE HYDRANTS AND TRANSFORMERS. ADJUST PLANTING AND HARDSCAPE AS REQUIRED TO AVOID CONFLICTS.

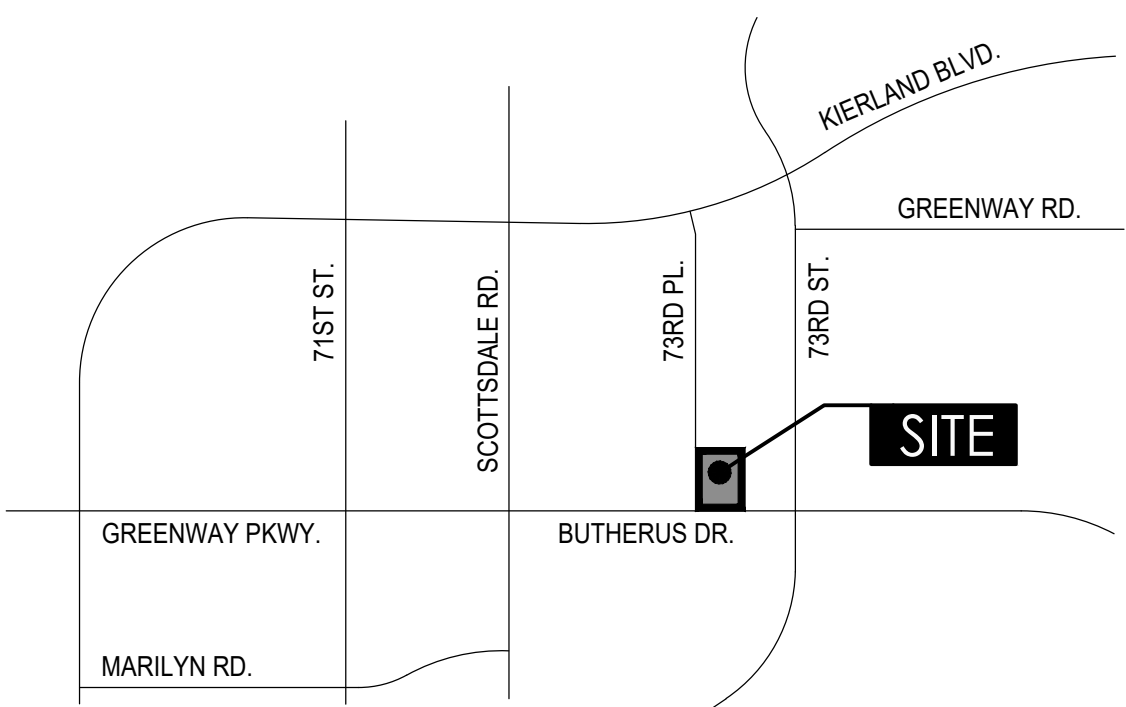
## HARDSCAPE GENERAL NOTES

- CURVILINEAR FLATWORK TO BE SMOOTH, EVEN RADIUS, AND DEVOID OF POINTS AND FLAT SPOTS. CONCRETE SHALL BE REMOVED AND REPLACED AT CONTRACTORS EXPENSE IF NOT INSTALLED PER PLAN.
- FORM WORK SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE PRIOR TO POURING CONCRETE.
- WALKS SHALL HAVE A LIGHT BROOM FINISH UNLESS SHOWN OR NOTED OTHERWISE.
- WALKS SHALL BE MIN. 5'-0" WIDE (MIN.) WITH SCORE JOINTS AT 5'-0" O.C. AND EXPANSION JOINTS AT 18'-0" O.C. UNLESS SHOWN OR NOTED OTHERWISE.
- WALKS LOCATED AT BACK OF CURB SHALL BE AS SHOWN ON PLANS.

## A.D.A./FAIR HOUSING REQUIREMENTS

- THE SIDEWALK / HARDSCAPE CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTION SIDEWALKS TO MEET ALL STATE AND FEDERAL REQ. INCLUDING BUT NOT LIMITED TO THE AMERICANS WITH DISABILITIES ACT AND THE FAIR HOUSING GUIDELINES.
- THE SIDEWALK HARDSCAPE CONTRACTOR SHALL COORDINATE ALL SIDEWALK CONSTRUCTION WITH THE CIVIL ENGINEER'S SITE ACCESSIBILITY PLAN. SHOULD A DISCREPANCY EXIST BETWEEN THE PLANS, THE CONTRACTOR SHALL NOTIFY THIS OFFICE IMMEDIATELY.
- FINISH FLOOR ELEVATIONS, SIDEWALK ELEVATIONS, DRAINAGE BASINS, TOP OF FOOTING ELEVATIONS AND ACCESSIBILITY INFORMATION HAS BEEN PROVIDED BY OTHERS. LANDSCAPE ARCHITECTS RESPONSIBILITY IS LIMITED TO THE HORIZONTAL CONTROL OF HARDSCAPE RELATED ELEMENTS ONLY (WHERE SHOWN ON PLANS). ALL VERTICAL CONTROL ASSOCIATED WITH THIS PROJECT IS RESPONSIBILITY OF THE CIVIL ENGINEER AS IT DIRECTLY RELATES TO THE DRAINAGE OF THE PROJECT.

## VICINITY MAP



## PROJECT TEAM

### OWNER / DEVELOPER:

WASHINGTON PRIME GROUP  
180 EAST BROAD ST.  
COLUMBUS, OH 43215  
PH: (614) 887-5755  
CONTACT: CHRIS DICARLO  
chris.dicarlo@washingtonprime.com

### CIVIL ENGINEER:

ATWELL, LLC.  
120 SOUTH ASH AVE.  
SUITE # 102  
TEMPE, AZ 85281  
PH: (480) 586-2105  
CONTACT: RAMZI GEORGES  
rgeorges@atwell-group.com

### LANDSCAPE ARCHITECT:

YOUNG DESIGN GROUP  
7234 EAST SHOEMAN LN.  
SUITE # 8  
SCOTTSDALE, AZ 85251  
PH: (480) 257-3312  
CONTACT: JOE YOUNG  
jyoung@youngdg.com

## SHEET INDEX

L0.1	COVER SHEET + NOTES
L1.1	LANDSCAPE PLAN + DETAILS
L2.1	IRRIGATION PLAN
L3.1	LANDSCAPE + IRRIGATION DETAILS

## NATIVE PLANT INFORMATION

SEE LANDSCAPE PLAN FOR EXISTING TREE INFORMATION.

**STIPULATION SET  
RETAIN FOR RECORDS  
APPROVED**

3/23/2022  
DATE APPROVED BY

## LANDSCAPE PLAN APPROVAL

CASE #	APPROVED BY	DATE
CONSTRUCTION AND INSTALLATION SHALL BE IN ACCORDANCE WITH THIS PLAN AND ANY AND ALL DEVIATION WILL REQUIRE RE-APPROVAL. THE CITY WILL NOT ISSUE A CERTIFICATE OF OCCUPANCY UNTIL INSPECTION SERVICES STAFF APPROVED THE LANDSCAPE INSTALLATION.		

ALL LANDSCAPE AREAS AND MATERIALS, INCLUDING THOSE LOCATED IN PUBLIC RIGHTS-OF-WAY, SHALL BE MAINTAINED IN A HEALTHY, NEAT, CLEAN AND WEEDFREE CONDITION. ANSI A300 STANDARD PRACTICES FOR PRUNING, SUPPORT SYSTEMS, AND SAFETY SHALL BE USED FOR MAINTENANCE CRITERIA. THIS SHALL BE THE RESPONSIBILITY OF THE .

## PROPERTY OWNER

(PROPERTY OWNER / DEVELOPER / HOA)

young | design | group  
Landscape Architecture  
+ Land Planning  
7234 east shoeman lane  
suite 8  
scottsdale, arizona 85251  
tel. 480.257.3312



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SIDEWALK RENOVATION / PATIO REMODEL

15059 N. SCOTTSDALE RD. | SCOTTSDALE | AZ | 85254

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JOB NO:	2207
DRAWN BY:	YDG / CLF
CHECKED BY:	JMY
REVISIONS:	DATE:
SUBMITTED FOR:	

PERMIT  
REVIEW

SHEET NO.

L0.1

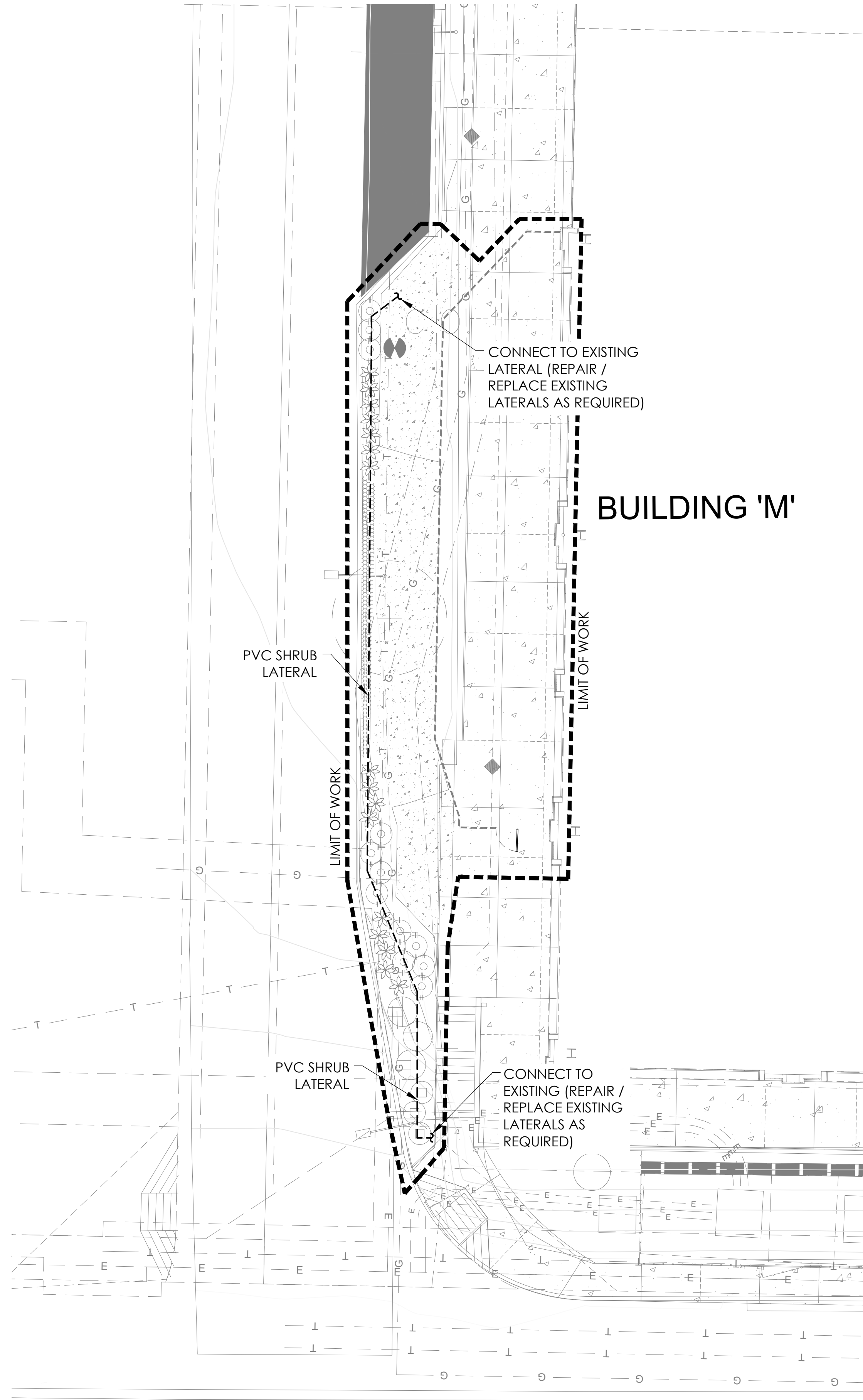
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TRACKING NUMBERS:





## SCALE: NTS



# IRRIGATION PLAN

SCALE: 1" = 10'-0"



## IRRIGATION SCHEDULE

SYMBOL	ITEM	DESCRIPTION	REMARKS
-----	-	CLASS 200 PVC LATERAL LINE - (SHRUBS / GCOVER)	SEE PIPE SCHEDULE
NOT SHOWN	BOWSMITH	SL200 SERIES (SHRUB / GCOVER)	SEE SCHEDULE THIS SHEET

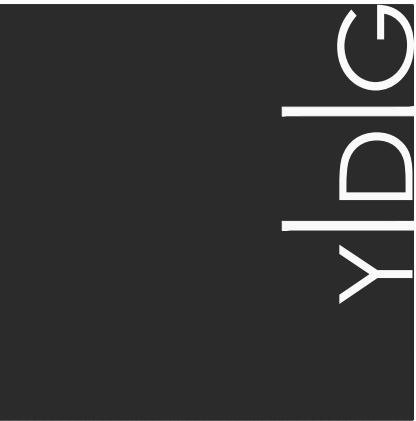
- NOTE:
- CONTRACTOR IS RESPONSIBLE TO LOCATE ALL EXISTING IRRIGATION EQUIPMENT PRIOR TO DEMOLITION.
  - ANY UNUSED LATERALS ARE TO BE CUT AND CAPPED UNLESS THEY SERVICE OTHER AREAS ON SITE. RE-ROUTE ANY REQUIRED LATERALS IN NEW LANDSCAPE AREAS.
  - CONTRACTOR IS TO CONNECT NEW DRIP LATERAL SEGMENT FOR ALL NEW PLANTS INSTALLED.

## EMITTER SIZING SCHEDULE

PLANT SIZE	FLOW/PER PLANT	EMITTER / BUBBLER	QTY
1 GAL.	1 GPH	BOWSMITH SL-210	1
5 GAL.	1 GPH	BOWSMITH SL-210	1
15 GAL.	4 GPH	BOWSMITH ML-210	1
24" BOX	6 GPH	BOWSMITH ML-210	2
36" BOX	8 GPH	BOWSMITH ML-210	2
48" BOX	12 GPH	BOWSMITH ML-220	2
54"-72" BOX	16 GPH	BOWSMITH ML-220	3
PALMS	.5 GPM	PRESSURE COMPENSATING BUBBLERS PER PLAN.	2
TREES IN TURF .75 GPM		PRESSURE COMPENSATING HUNTER PCB-25	3

- NOTE:
- ALL EMITTERS TO BE BOWSMITH MODEL ONLY, NO SUBSTITUTIONS.
  - DO NOT PROVIDE IRRIGATION TO CACTUS.

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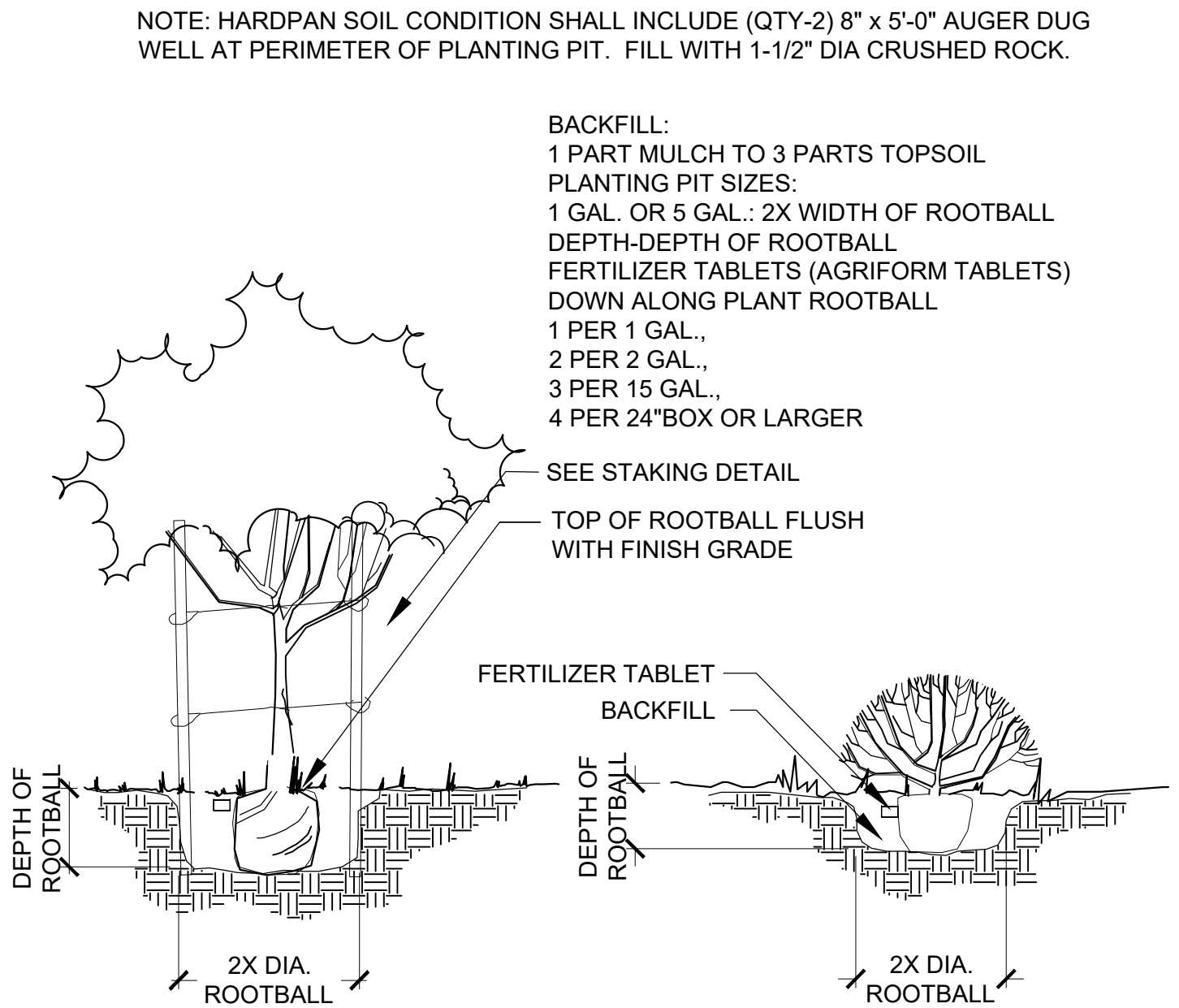
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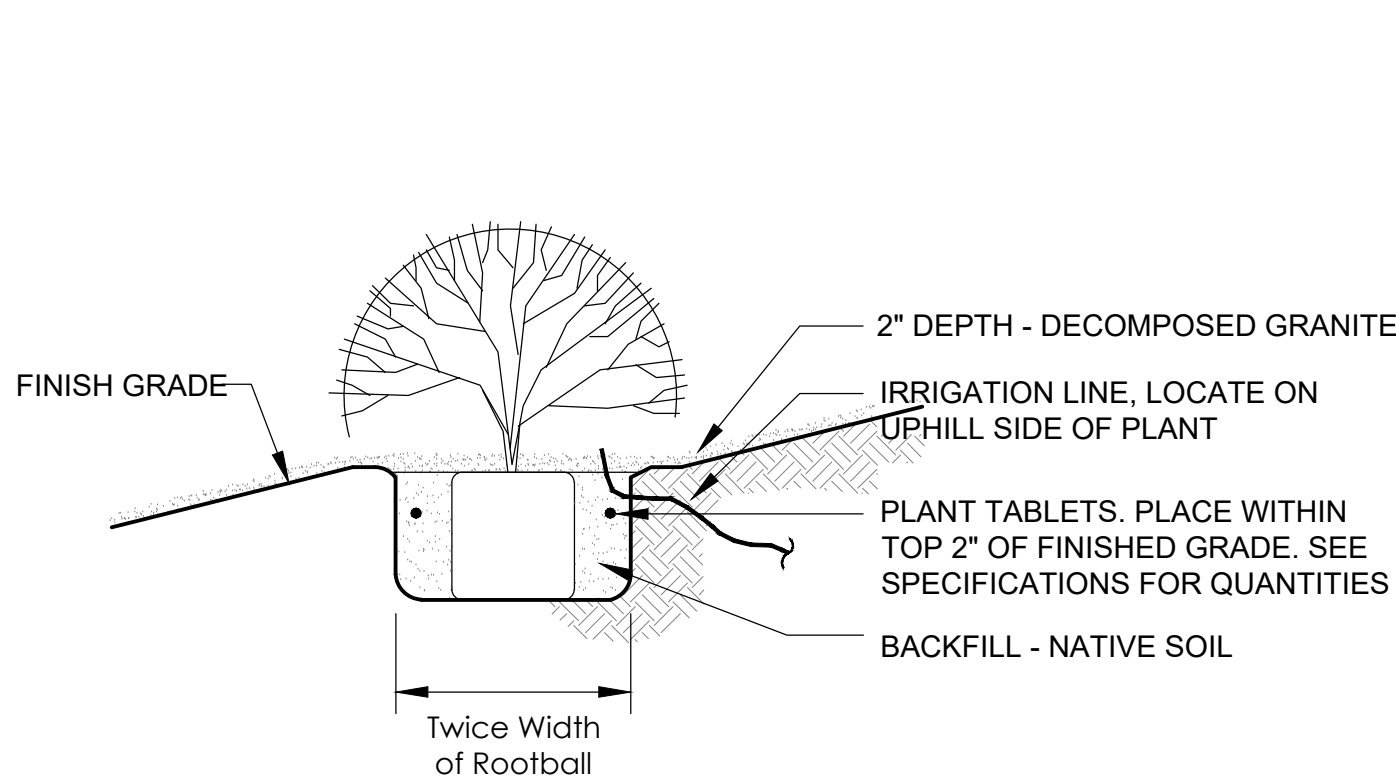
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## 1 TREE AND SHRUB PLANTING

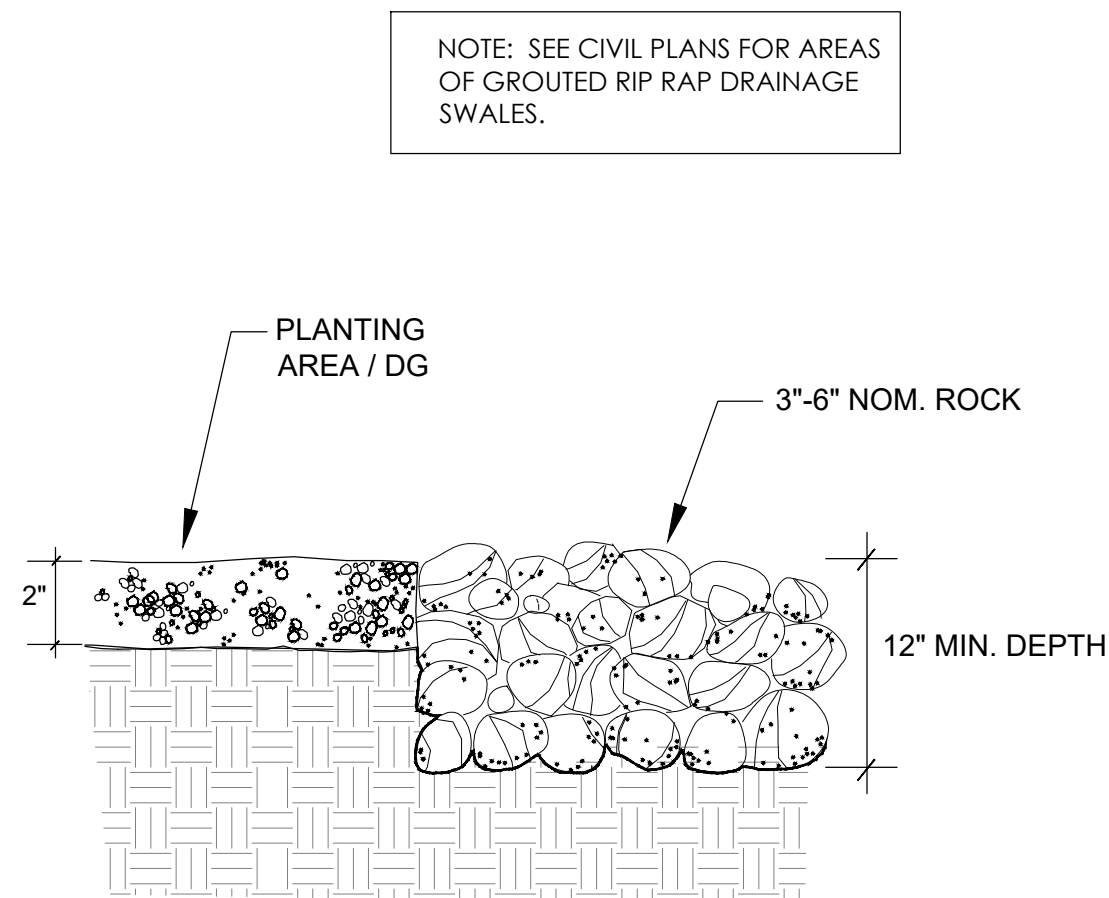
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NOTE: PLANT SHRUB NO DEEPER THAN ROOTBALL. NO WELL IS NECESSARY.

## 2 PLANTING ON SLOPE

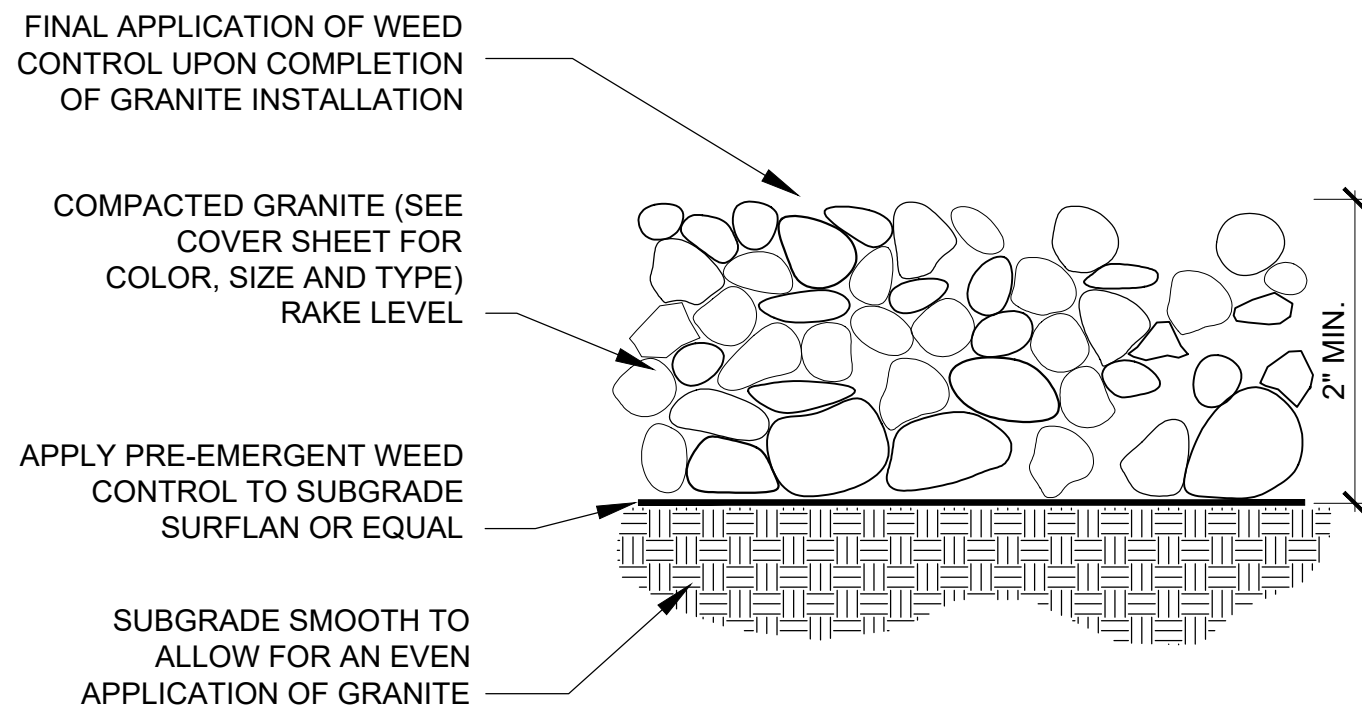
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ROCK SHALL MATCH DG UNLESS OTHERWISE SPECIFIED

## 3 FRACTURED NATIVE ROCK DETAIL

SCALE: N.T.S.



NOTE: PROVIDE GRANITE SAMPLE TO LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION.

## 4 DECOMPOSED GRANITE (TYP)

SCALE: N.T.S.

NOTE:  
ALL PIPE SLEEVES SHALL BE SCHEDULE 40 PVC AND INSTALLED WITH A MINIMUM OFFSET AT THE JOINTS TO PERMIT EASY INSTALLATION AND REMOVAL OF THE IRRIGATION LINES. ALL PLASTIC LINES SHALL BE INSTALLED IN SLEEVES UNDER PAVED AREAS. SLEEVES SHALL EXTEND AT LEAST 12" BEYOND THE EDGES OF THE PAVEMENT. SIZE OF SLEEVES SHALL BE AS FOLLOWS:

### SLEEVING SCHEDULE

PIPE SIZE	MIN. SLEEVE SIZE	PIPE SIZE	MIN. SLEEVE SIZE
1/2"	2"	2", 2-1/4"	4"
3/4"	2-1/2"	3", 4"	6"
1", 1-1/4", 1-1/2"	3"		

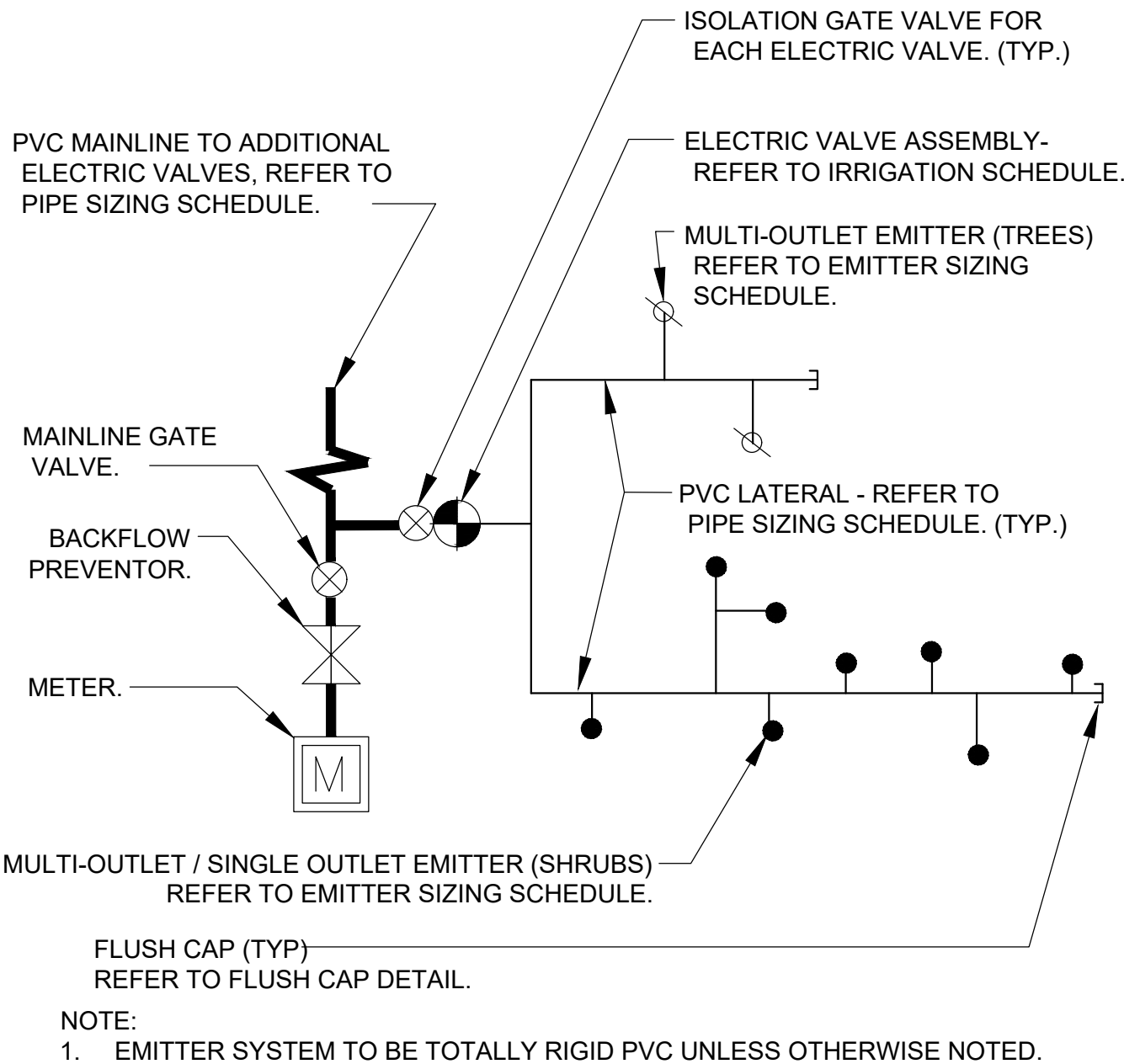
### PIPE SIZING SCHEDULE

PIPE SIZE	FLOW (GPM)	PIPE SIZE	FLOW (GPM)
1/2"	0 - 5	2"	36 - 60
3/4"	6 - 10	2-1/2"	61 - 80
1"	11 - 15	3"	81 - 120
1-1/4"	16-25	3 1/2"	121 - 150
1-1/2"	26 - 35	4"	151 - 200

NOTE:  
ALL MAINLINE PIPE 2 1/2" AND LARGER SHALL BE A MINIMUM CLASS 200 RING-TIGHT PIPE. MAINLINE 2" AND LESS SHALL BE A MINIMUM SCHEDULE 40 PVC. ALL LATERAL PIPE ABOVE 1/2" SHALL BE MINIMUM CLASS 200. ALL 1/2" LATERAL PIPE SHALL BE CLASS 315.

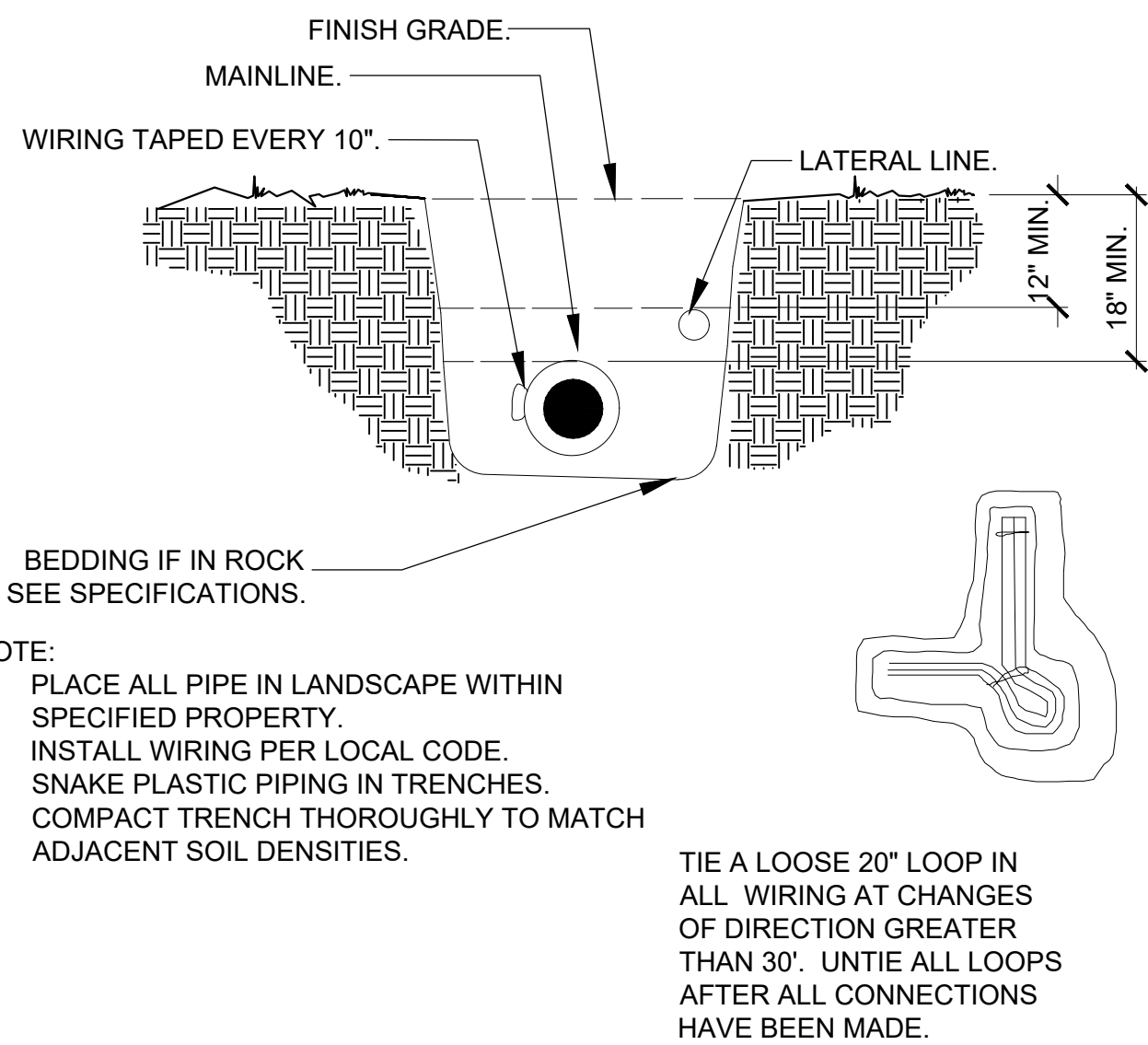
## 5 SLEEVE/PIPE SIZE

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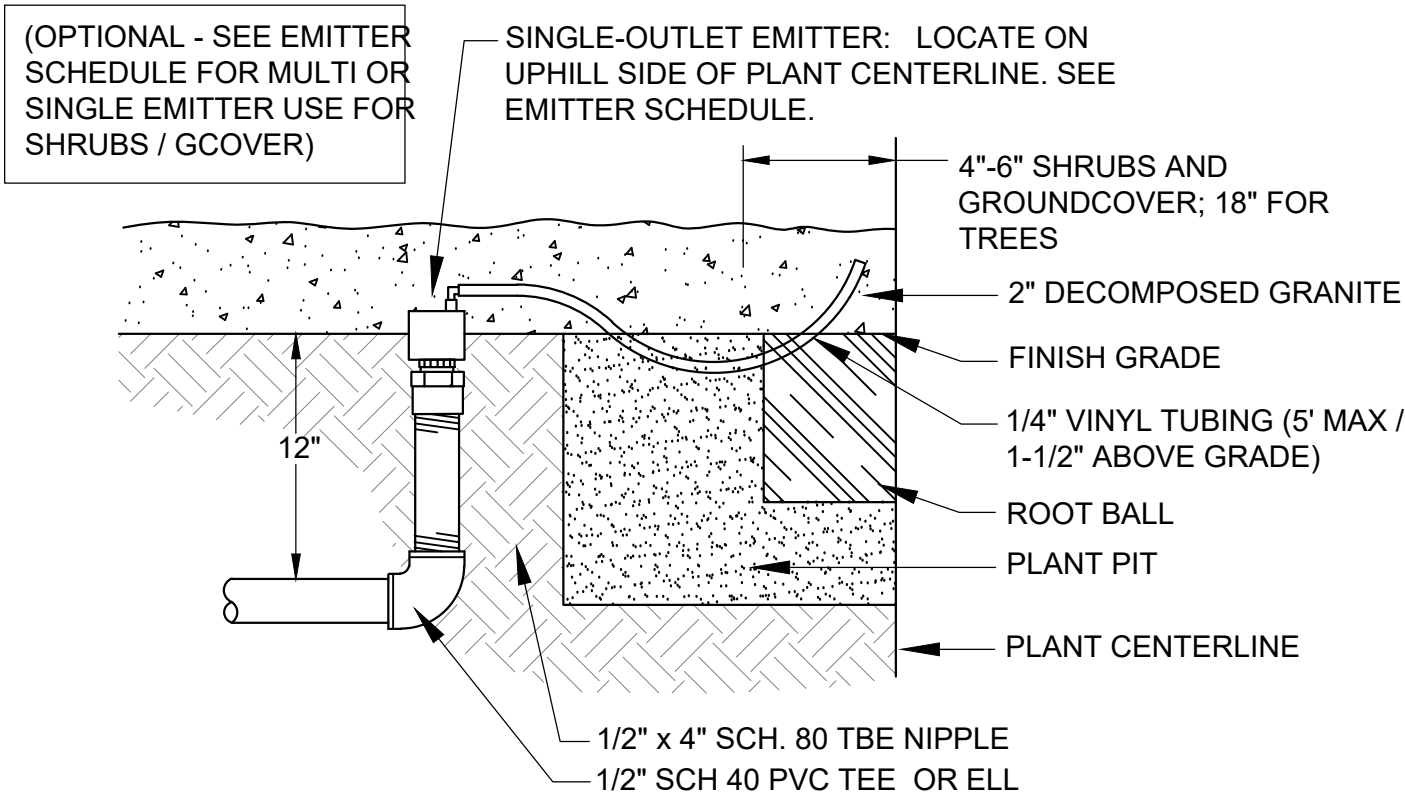
## 6 PIPE LAYOUT DETAIL

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## 7 TRENCHING DEPTH DETAIL

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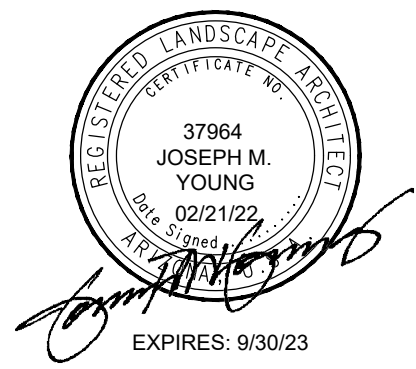


NOTE: 90 DEGREE ELL MAY BE USED IN LIEU OF 45 DEGREE IF PLANTER WIDTH IS LESS THAN SHOWN.

## 8 SINGLE OUTLET EMITTER (SHRUBS)

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