

PLANTING NOTES

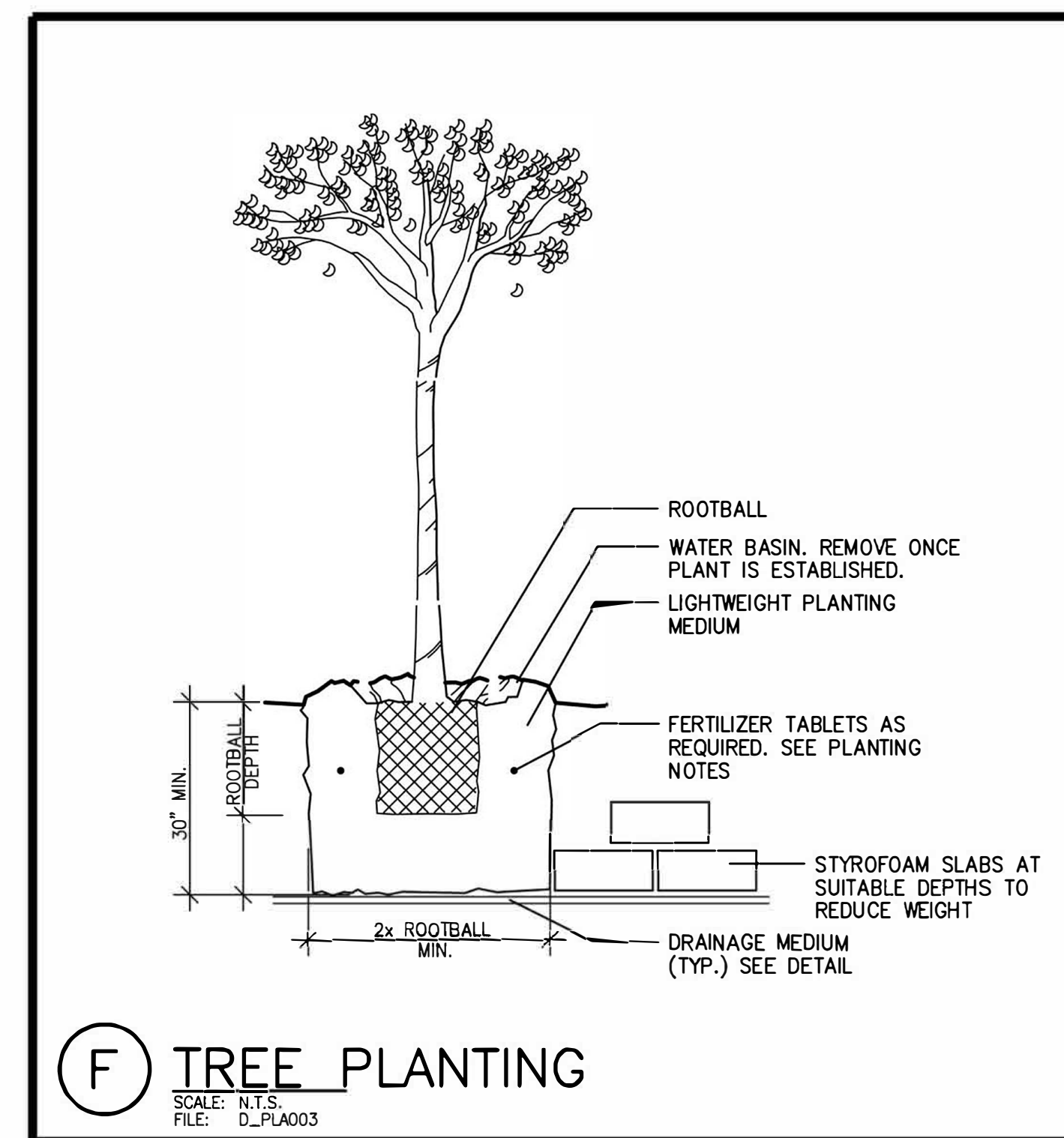
1. FINISH GRADE TO BE 1 1/2" BELOW ALL WALKS, CURBS, AND PAVING.
2. ALL PLANTING AREAS SHALL RECEIVE THE FOLLOWING AMENDMENTS PER 1,000 SQ. FT. OF SURFACE AREA. ROTO-TILL AMENDMENTS TO A DEPTH OF 6" IN TWO DIRECTIONS.
3. 150 LBS. GRO-POWER
3 CU. YDS. NITROGENIZED, MINERALIZED FIR BARK OR REDWOOD SHAVINGS.
ADD 8 LBS OF GRO-POWER CONTROLLED RELEASE 12-8-8 PER CU.YD. OF MIX
4. PLANT HOLE TO BE TWICE AS WIDE AND DEEP AS THE PLANT ROOT BALL. BACKFILL AND COMPACT TO 80% WITH 70% SOIL OF SITE, 30% FIR BARK, AND 8 LBS. OF GRO-POWER CONTROLLED RELEASE 12-8-8 PER CUBIC YARD UNLESS OTHERWISE NOTED. PROVIDE 7 GRAM GRO-POWER PLANT TABLETS AT THE FOLLOWING RATES:

1 GAL.	2
5 GAL.	7
15 GAL.	13
24" BOX & UP	15

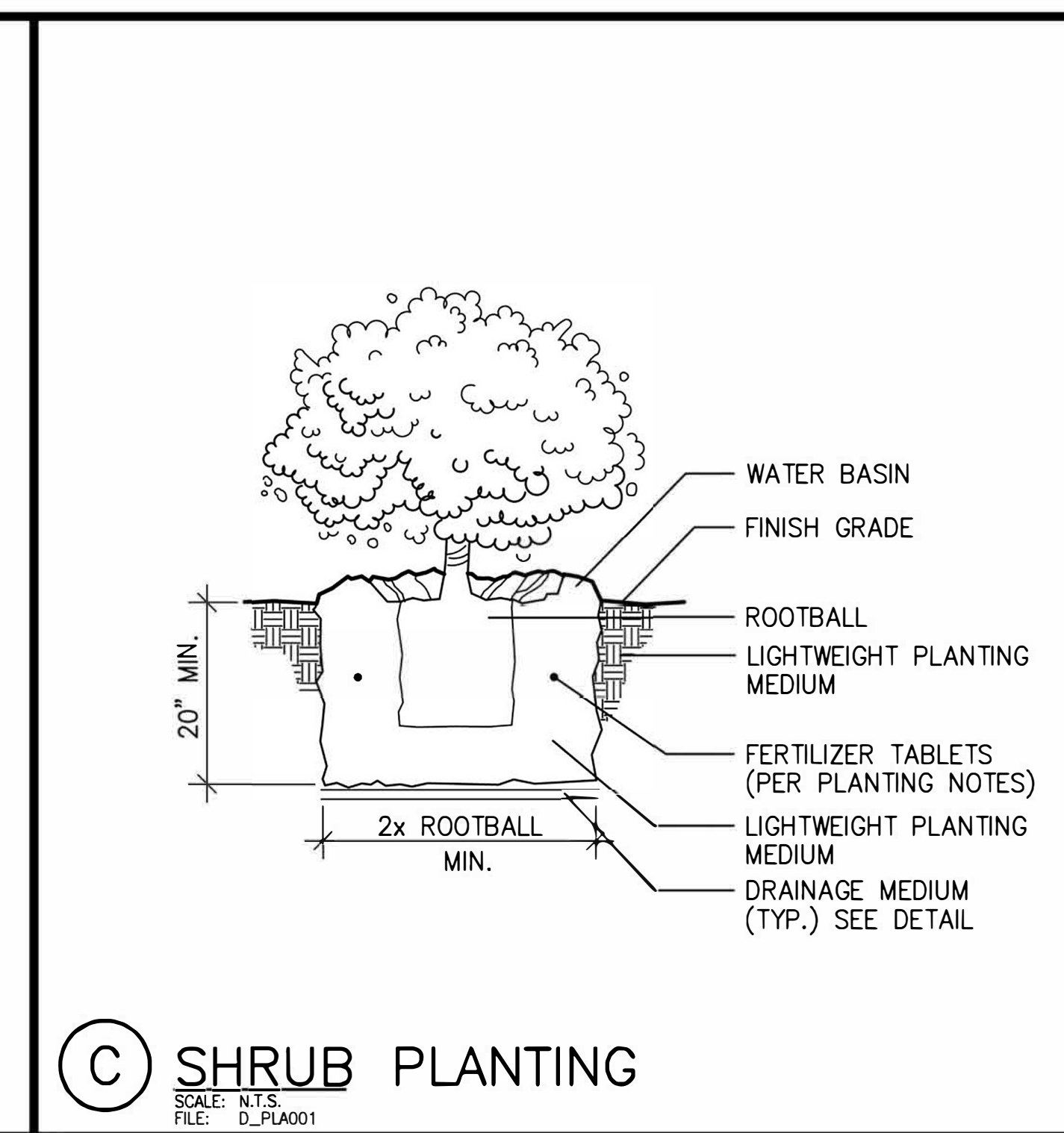
PLACE RECOMMENDED TABLETS BETWEEN THE BOTTOM AND THE TOP OF THE ROOT BALL, BUT NO HIGHER THAN 1/3 OF THE WAY UP TO THE TOP OF THE ROOT BALL. SPACE TABLETS EQUALLY AROUND THE PERIMETER OF THE ROOT BALL APPROXIMATELY 2" FROM THE ROOT TIPS.

IRRIGATION NOTES

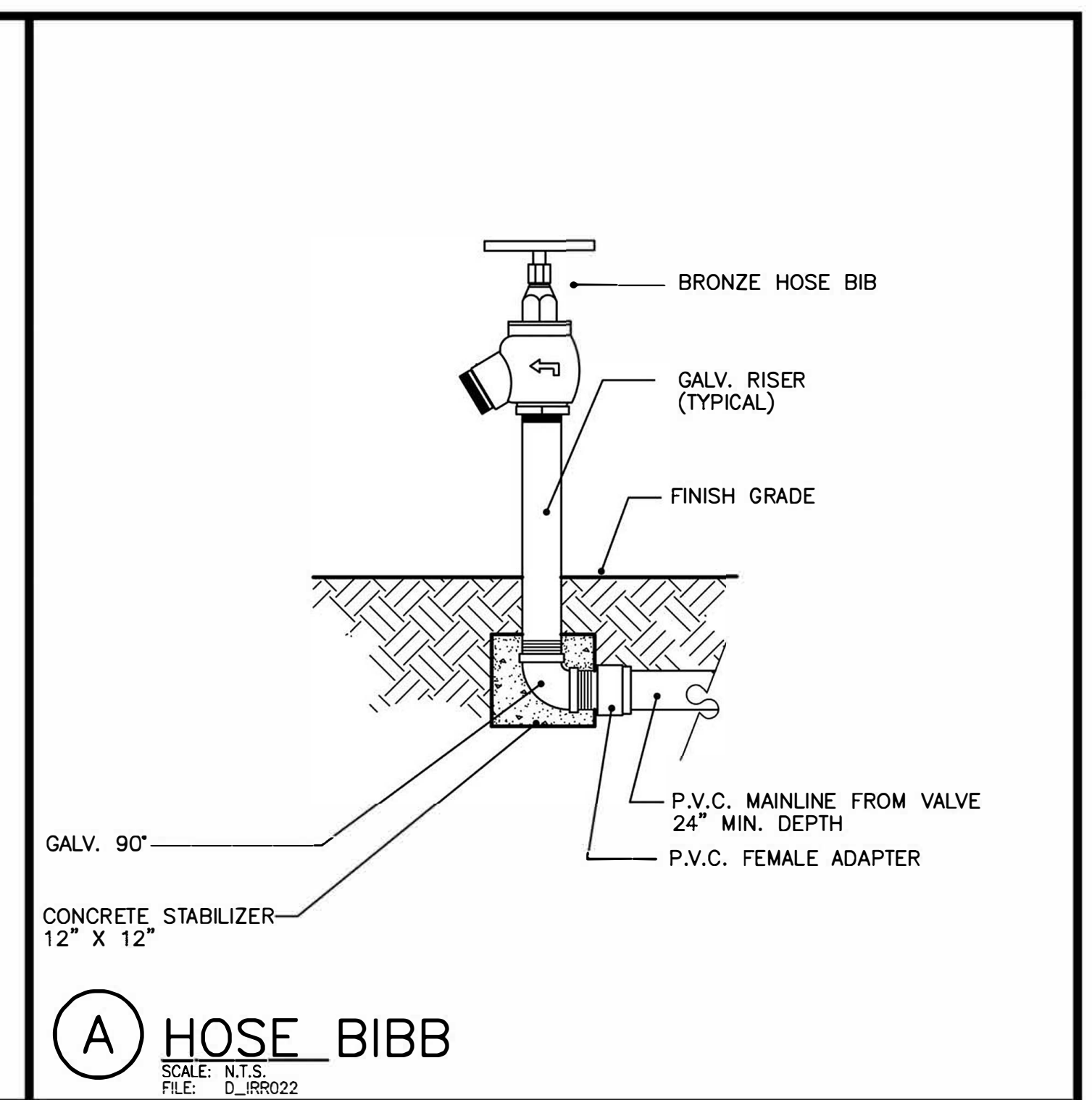
1. THIS DESIGN IS DIAGRAMMATIC. ALL PIPING, VALVES, ETC. SHOWN WITHIN PAVED AREAS ARE FOR DESIGN CLARIFICATION ONLY AND SHALL BE INSTALLED IN PLANTING AREAS WHEREVER POSSIBLE.
2. ALL SPRINKLER HEADS ARE TO HAVE TRIPLE SWING JOINTS (SEE DETAIL).
3. PIPE SIZES SHALL CONFORM TO THOSE SHOWN ON THE DRAWINGS. NO SUBSTITUTIONS OF SMALLER PIPE SIZES SHALL BE PERMITTED, BUT SUBSTITUTIONS OF LARGER SIZES MAY BE APPROVED. (SEE MASTER LINE SIZING CHART)
4. ALL SPRINKLER HEADS SHALL BE SET PERPENDICULAR TO FINISH GRADE UNLESS OTHERWISE SPECIFIED.
5. ADJUST ALL SPRINKLER HEADS AND VALVES FOR OPTIMUM COVERAGE WITH MINIMAL OVER SPRAY ONTO WALKS, STREETS, ETC.
6. THE SPRINKLER SYSTEM DESIGN IS BASED ON A MINIMUM OPERATING PRESSURE OF 70 P.S.I. AND A MAXIMUM FLOW DEMAND OF 18 G.P.M. THE CONTRACTOR SHALL VERIFY WATER PRESSURES PRIOR TO CONSTRUCTION.
7. ALL SPRINKLER EQUIPMENT NOT OTHERWISE DETAILED OR SPECIFIED SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS.
8. THE INTENT OF THE DESIGN IS TO PROVIDE 100% COVERAGE TO ALL PLANTING AREAS.
9. INSTALLATION FOR THE CONTROL WIRES SHALL FOLLOW MAINLINE ROUTING.
10. PROVIDE SLEEVES AS SHOWN ON DRAWING. USE 2 TIMES DIAMETER MIN. SCH. 40 P.V.C. MIN. DEPTH 24" TO TOP OF LINE.



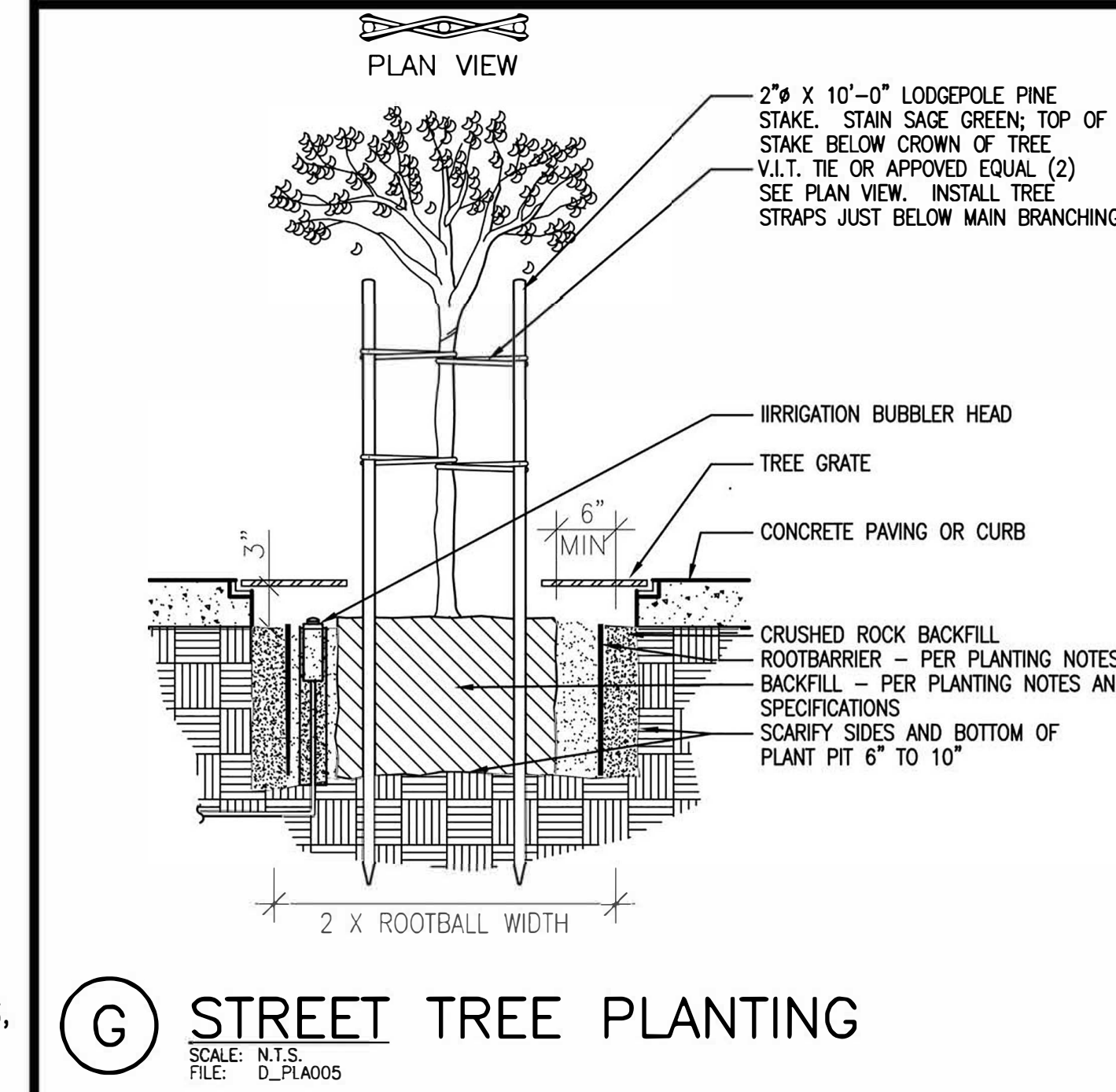
F TREE PLANTING
SCALE: N.T.S.
FILE: D_PLA003



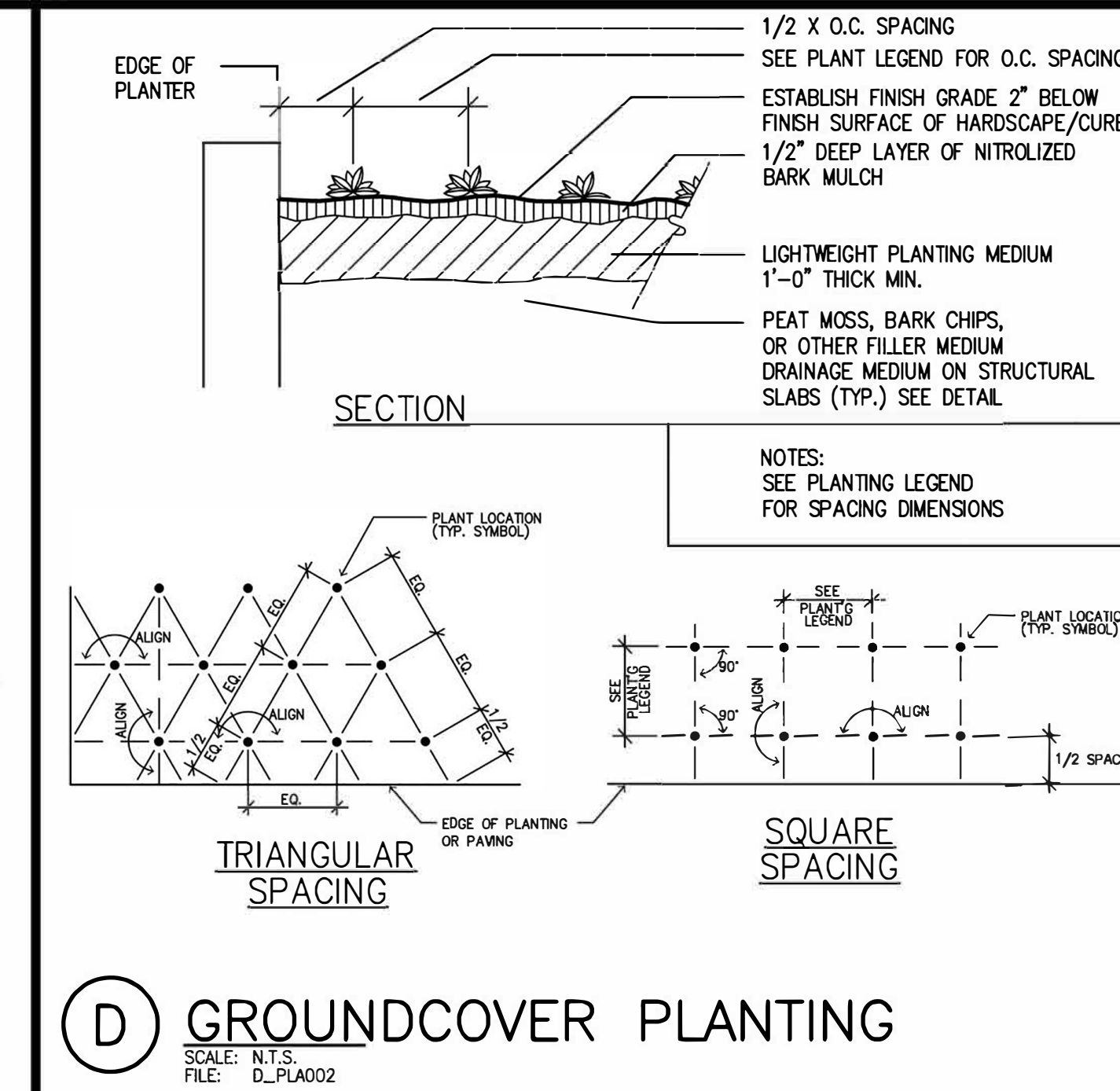
C SHRUB PLANTING
SCALE: N.T.S.
FILE: D_PLA001



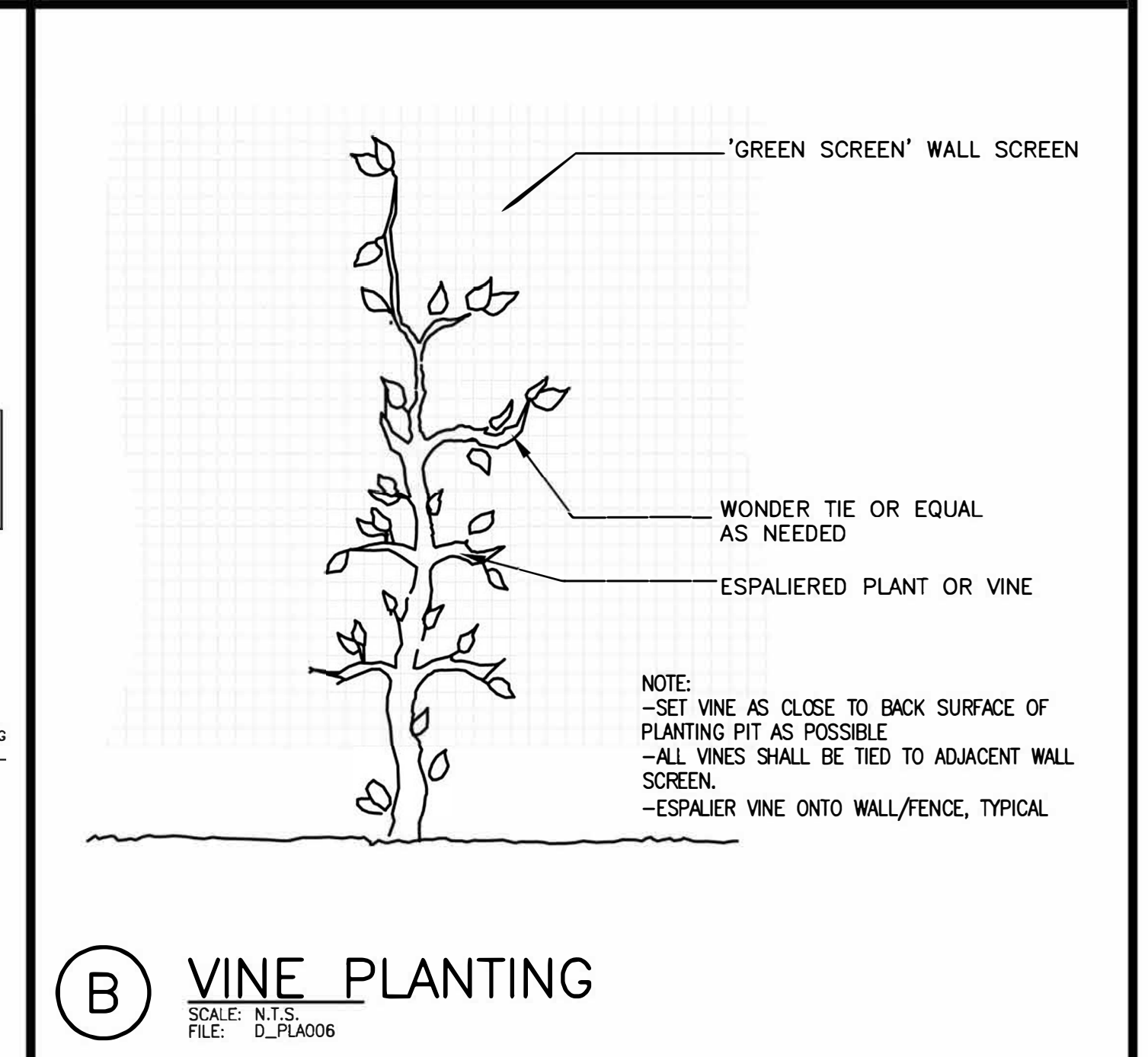
A HOSE BIBB
SCALE: N.T.S.
FILE: D_IRR022



G STREET TREE PLANTING
SCALE: N.T.S.
FILE: D_PLA005



D GROUNDCOVER PLANTING
SCALE: N.T.S.
FILE: D_PLA002



B VINE PLANTING
SCALE: N.T.S.
FILE: D_PLA006



IRRIGATION & PLANTING DETAILS & NOTES

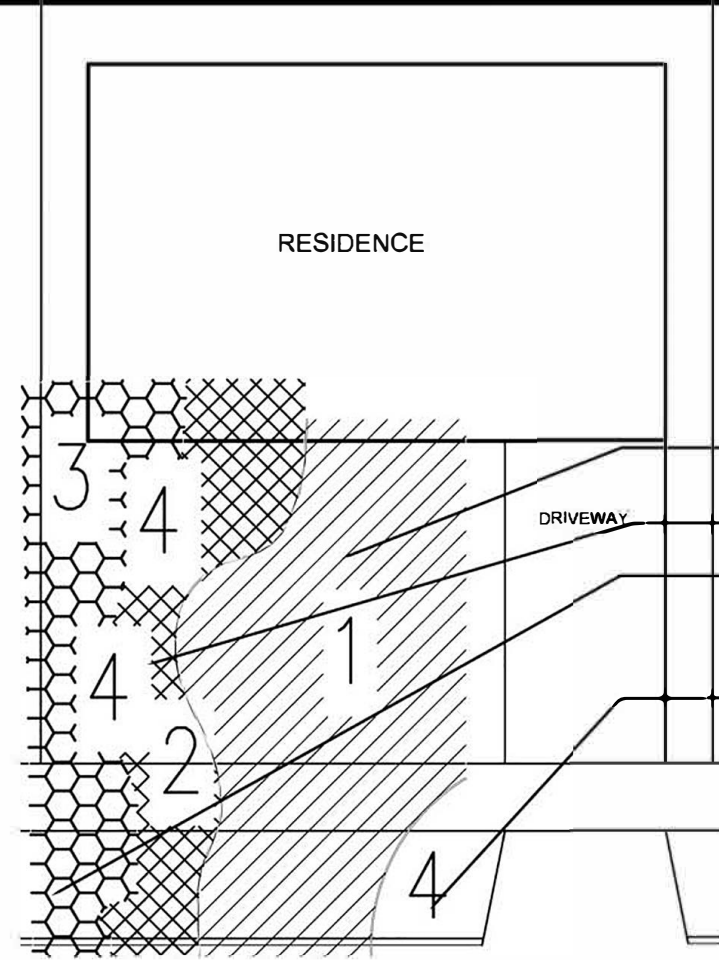
02/08/2016

Lawrence R MOSS & Associates
 LAWRENCE R MOSS ASLA & ASSOCIATES INC
 LIC. NO. 1201
 3458 OCEAN VIEW BLVD
 GLENDALE CA 91208
 818 248-5200
 FAX 248-6574
 LANDSCAPE ARCHITECTURE

STEP ①

SEPARATE IRRIGATION ZONES:

- 1) VALVE AREAS SEPARATE AREAS WITH SIMILAR WATER DEMANDS
- 2) VALVE AREAS WITH SIMILAR EXPOSERS
- 3) SEPARATE BY TYPES OF PLANT MATERIAL.
 - *GROUNDCOVERS
 - *SHRUBS
 - *TREES
 - *LAWNS



STEP ②

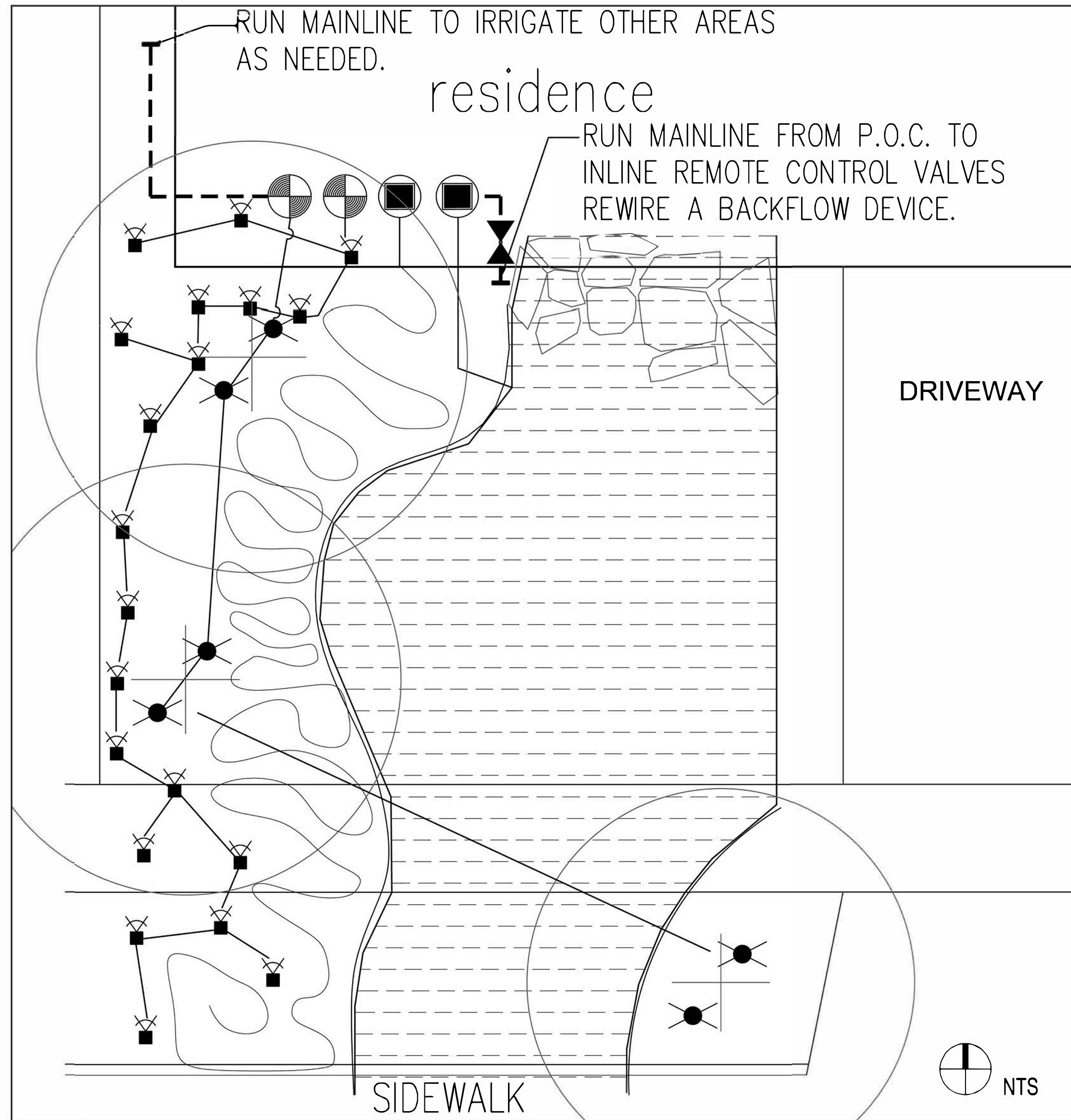
ZONES:

1. LAWN-HIGH WATER USE
2. GROUNDCOVER-MODERATE TO LOW WATER USE
3. SHRUBS-LOW WATER USE, WEEKLY DEEP WATERING
4. TREES-LOW DEEP WEEKLY WATERING

STEP ③

TYPICAL IRRIGATION LAYOUT

ZONE GUIDE



SCHEDULE 40 PVC

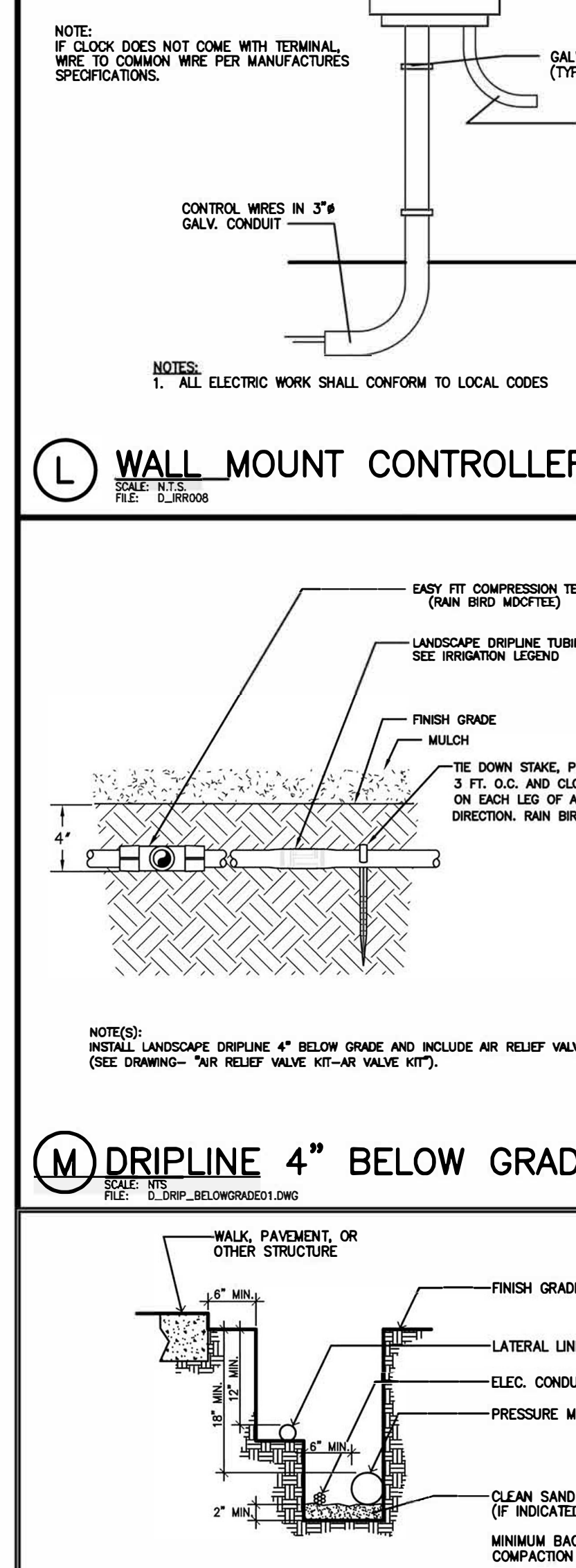
PIPE SIZE	MAX GPM
3/4"	7 GPM
1"	11 GPM
1-1/4"	20 GPM
1-1/2"	29 GPM
2"	50 GPM
2-1/2"	75 GPM
3"	110 GPM
4"	190 GPM
6"	450 GPM

MAINLINE SHALL BE SIZED BASED ON DEMAND IN TOTAL GPM DELIVERED

LATERAL LINE SHALL BE SIZED BASED ON GPM AT THE LAST HEAD

STEP ④

TYPICAL IRRIGATION LAYOUT

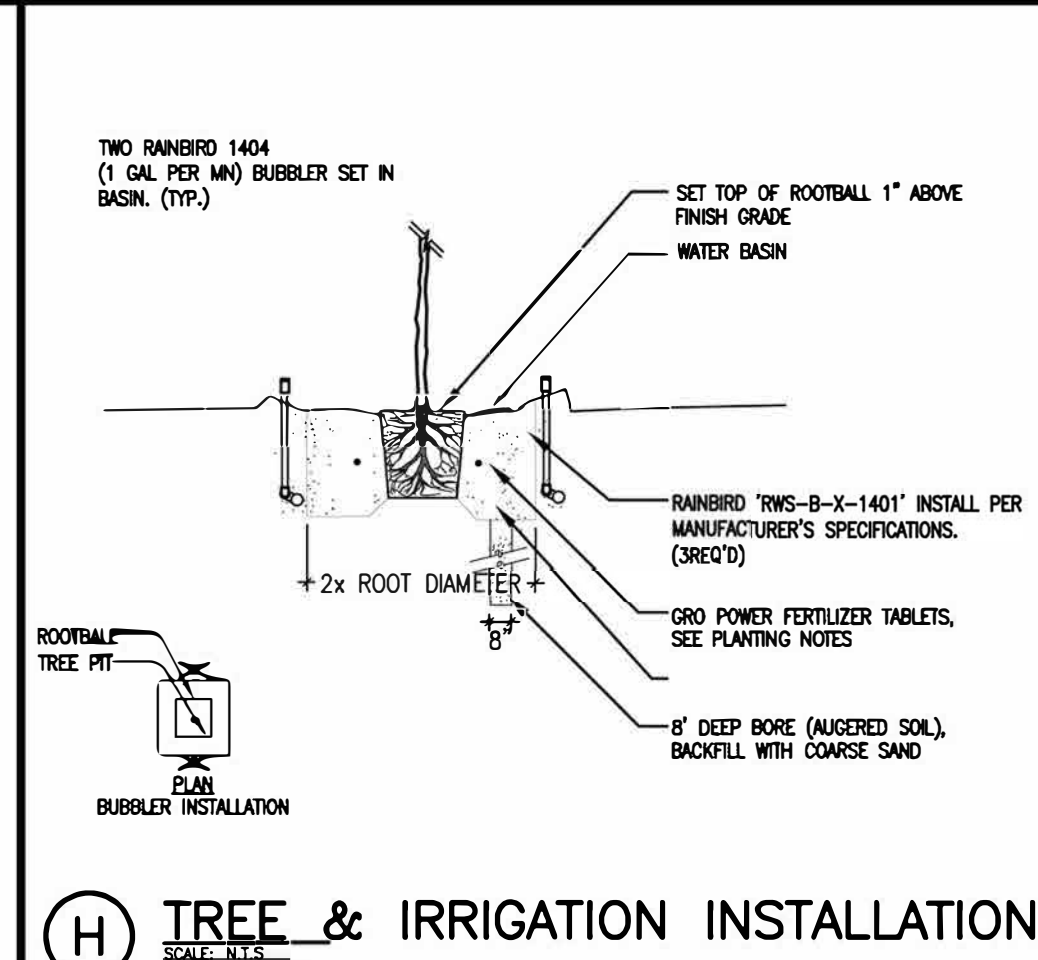


SCHEDULE 40 PVC

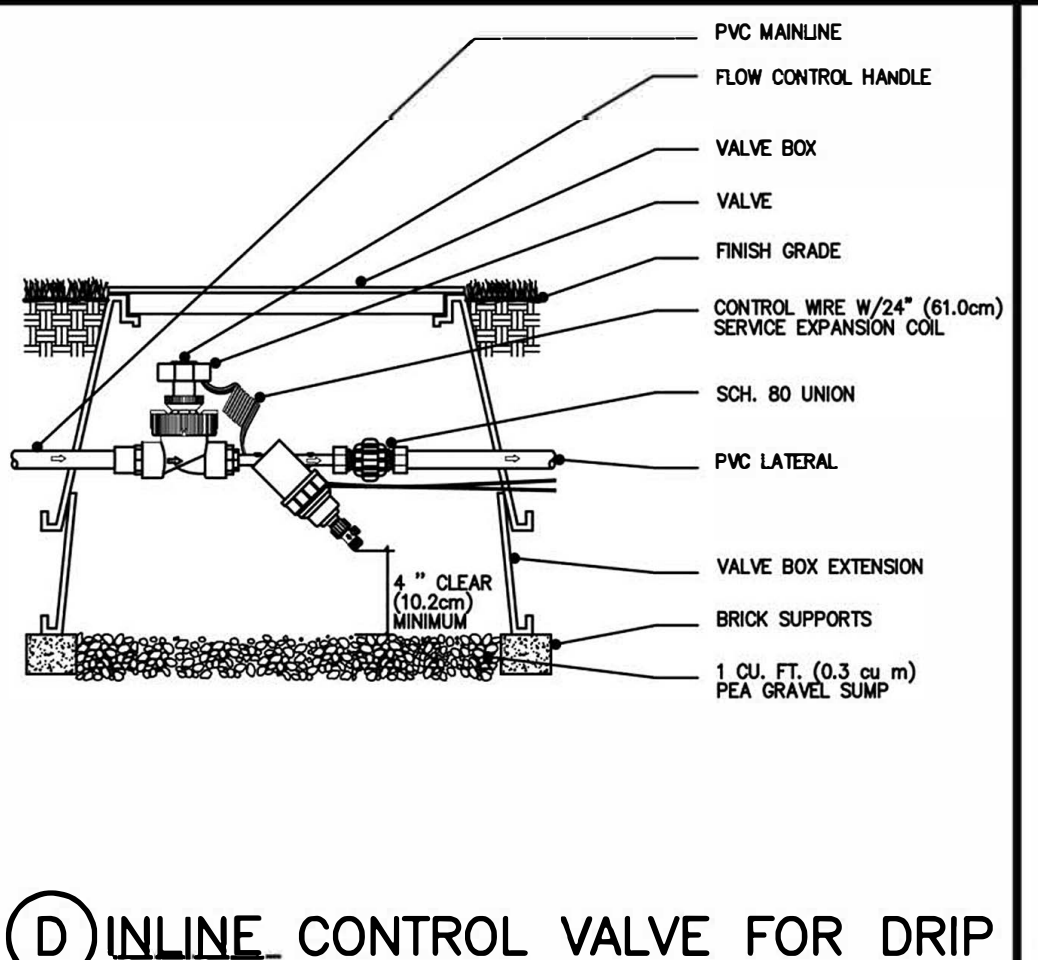
PIPE SIZE	MAX GPM
3/4"	7 GPM
1"	11 GPM
1-1/4"	20 GPM
1-1/2"	29 GPM
2"	50 GPM
2-1/2"	75 GPM
3"	110 GPM
4"	190 GPM
6"	450 GPM

MAINLINE SHALL BE SIZED BASED ON DEMAND IN TOTAL GPM DELIVERED

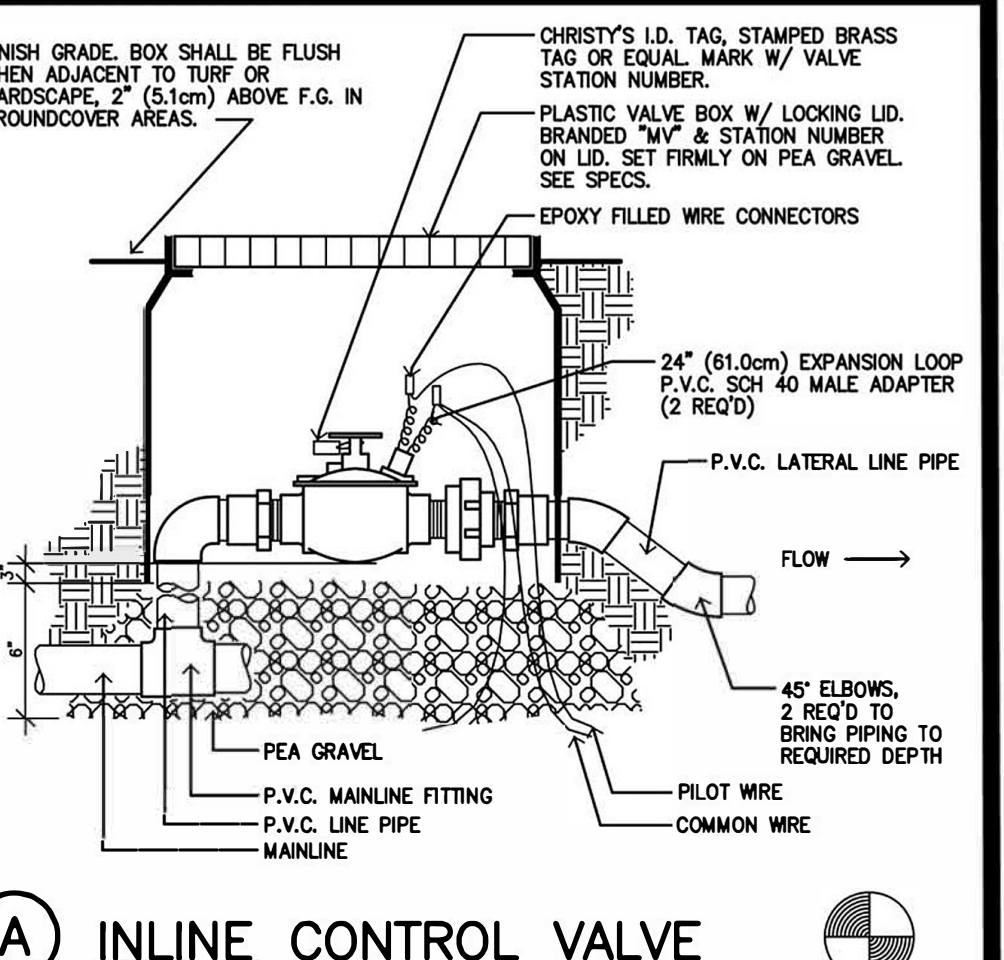
LATERAL LINE SHALL BE SIZED BASED ON GPM AT THE LAST HEAD



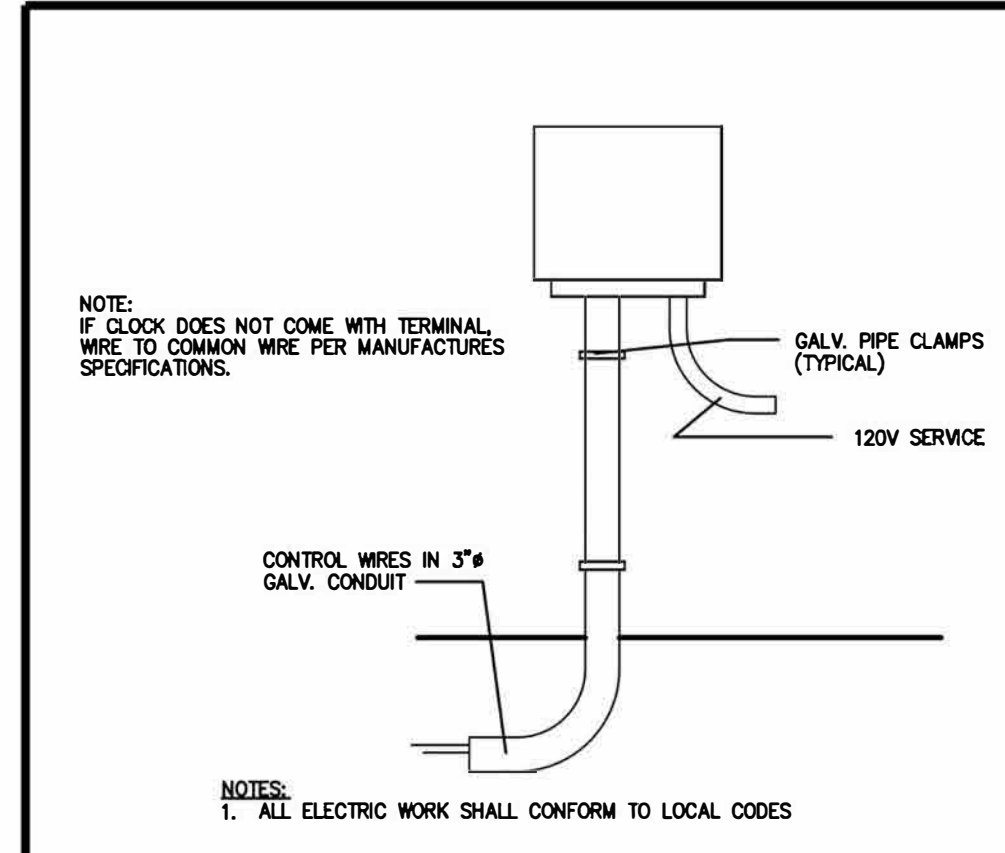
H TREE & IRRIGATION INSTALLATION



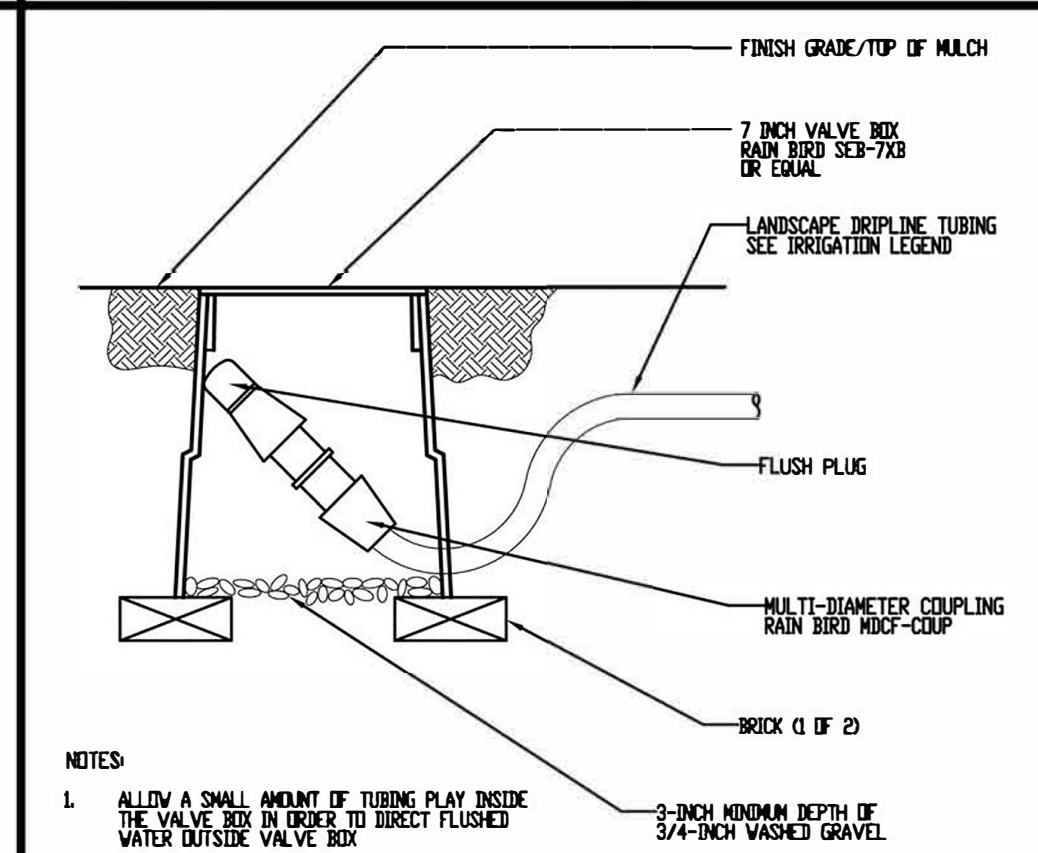
D INLINE CONTROL VALVE FOR DRIP



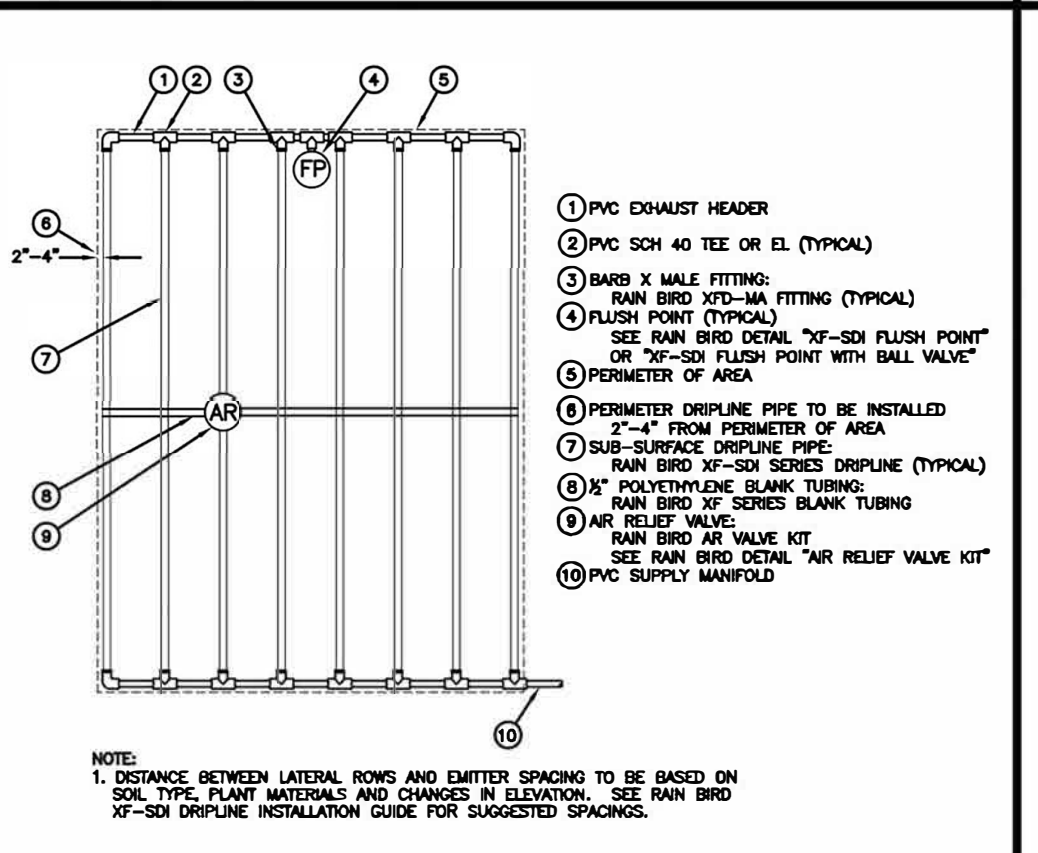
A INLINE CONTROL VALVE



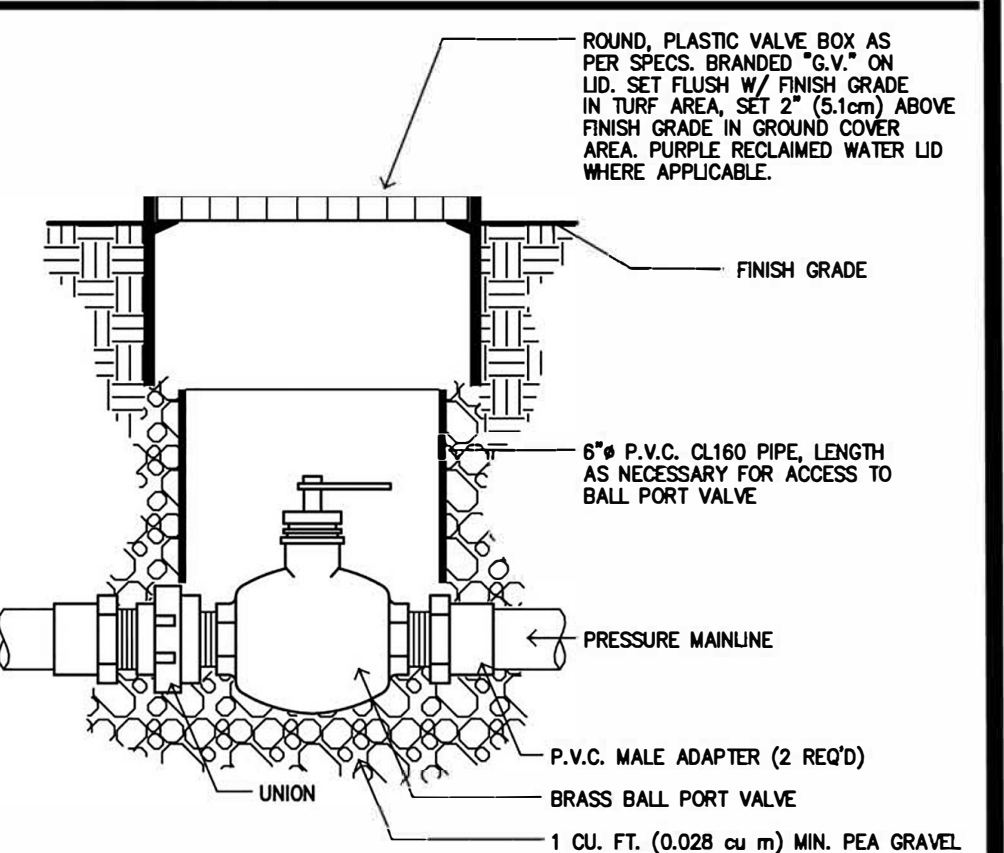
L WALL MOUNT CONTROLLER



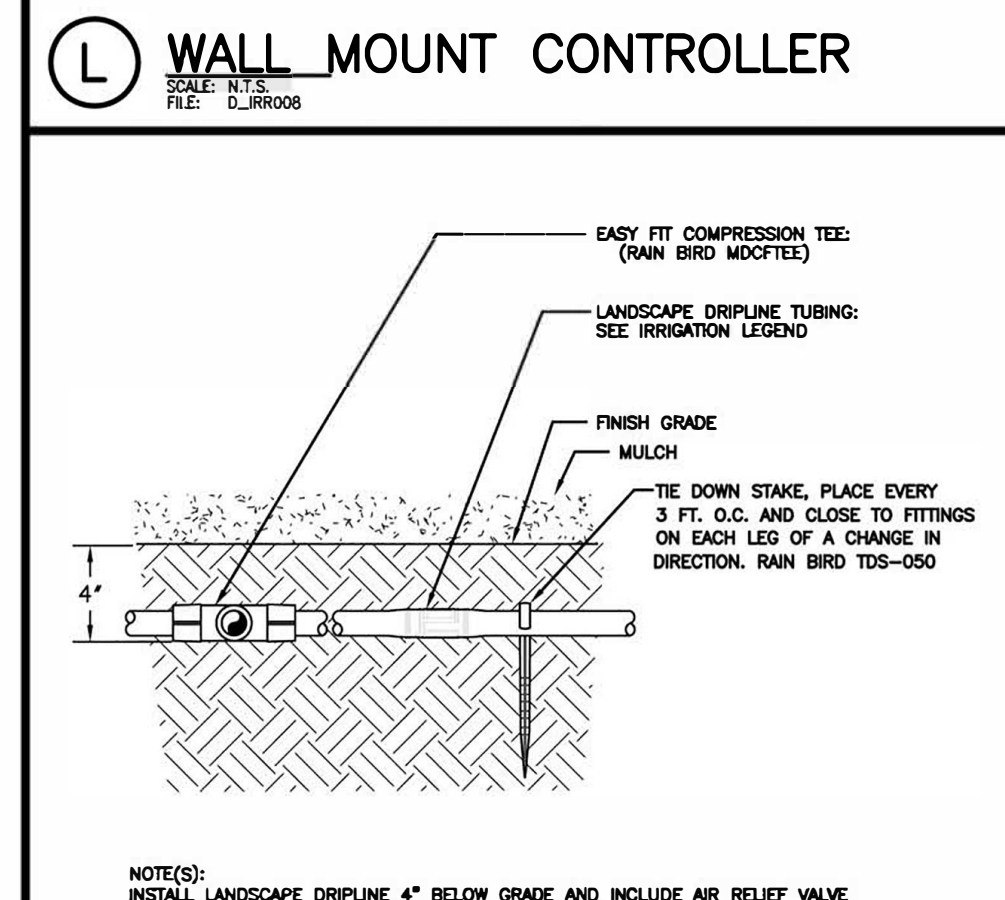
I DRIPLINE FLUSH POINT



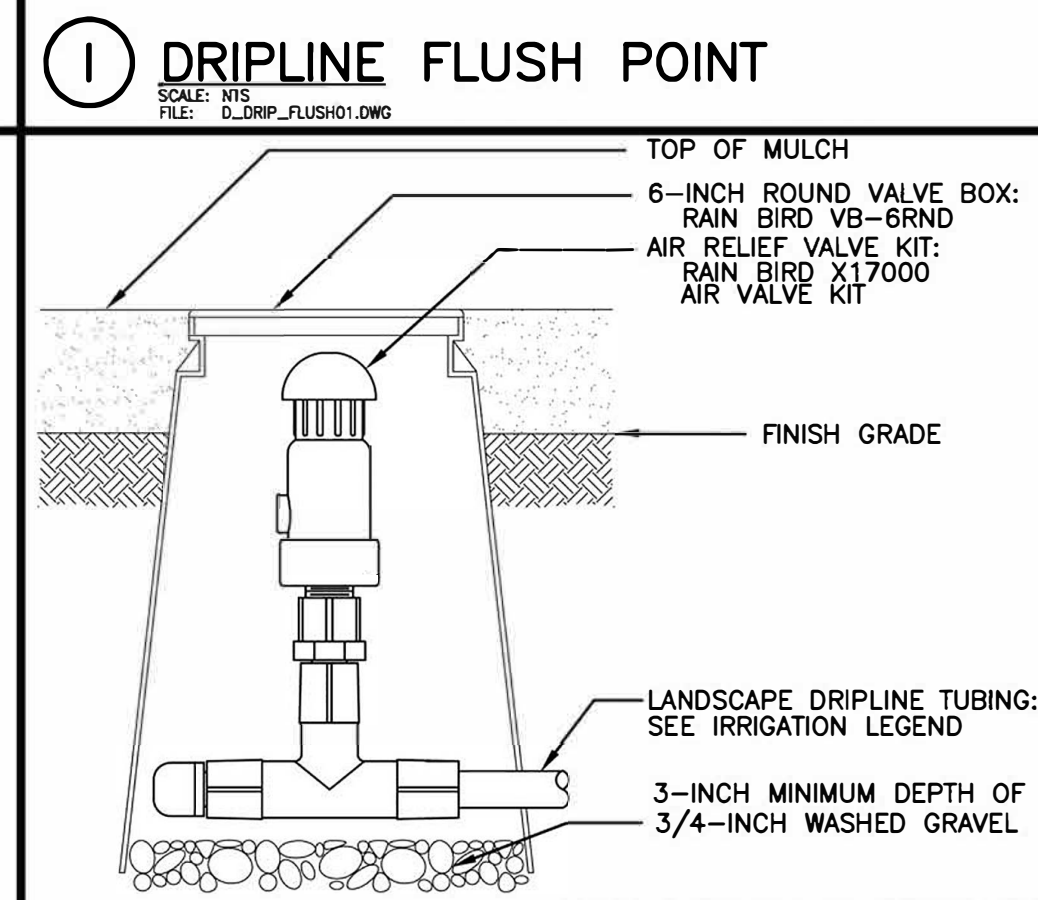
E DRIPLINE LAYOUT 2



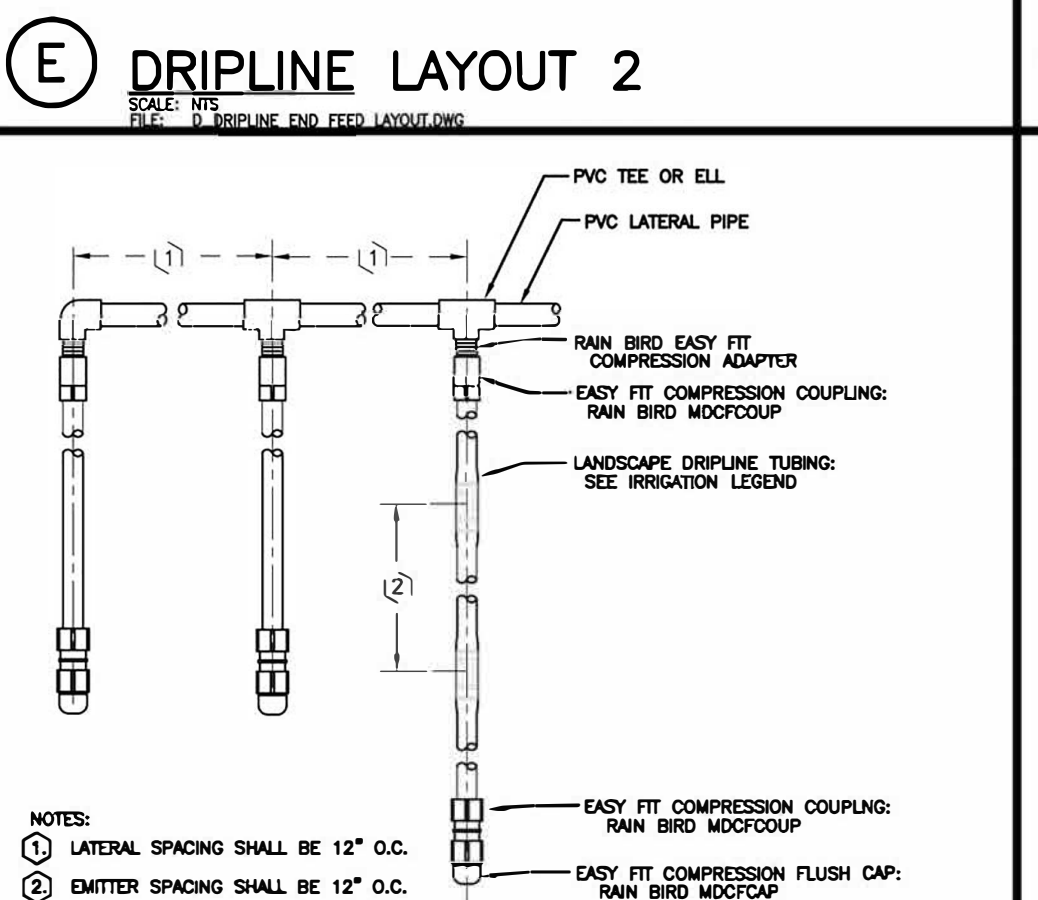
B BRASS BALL PORT VALVE



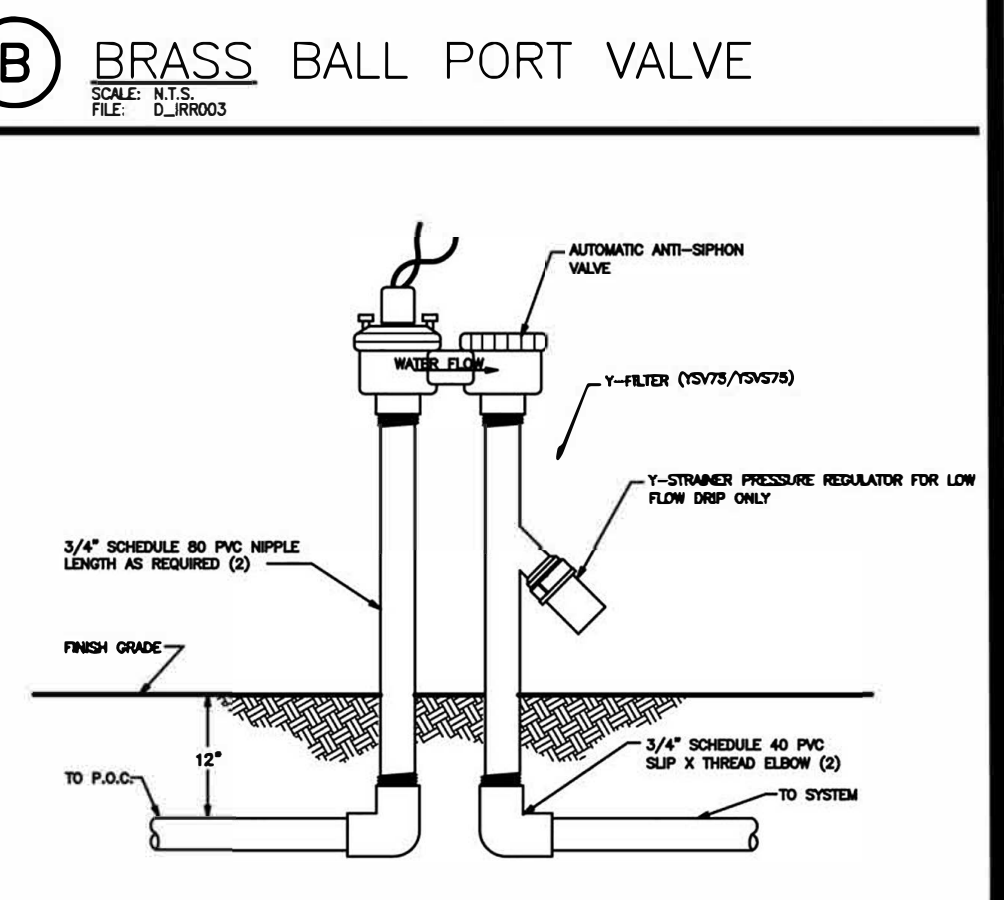
M DRIPLINE 4" BELOW GRADE



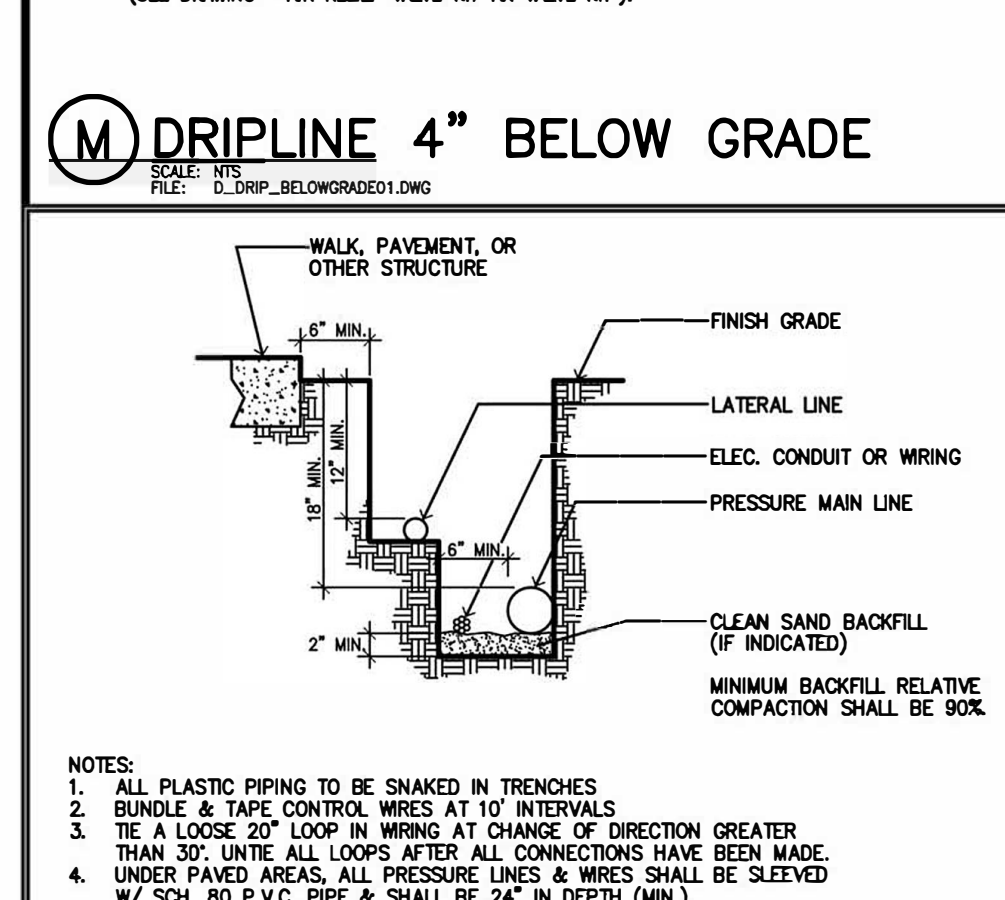
J AIR RELIEF VALVE IN KIT



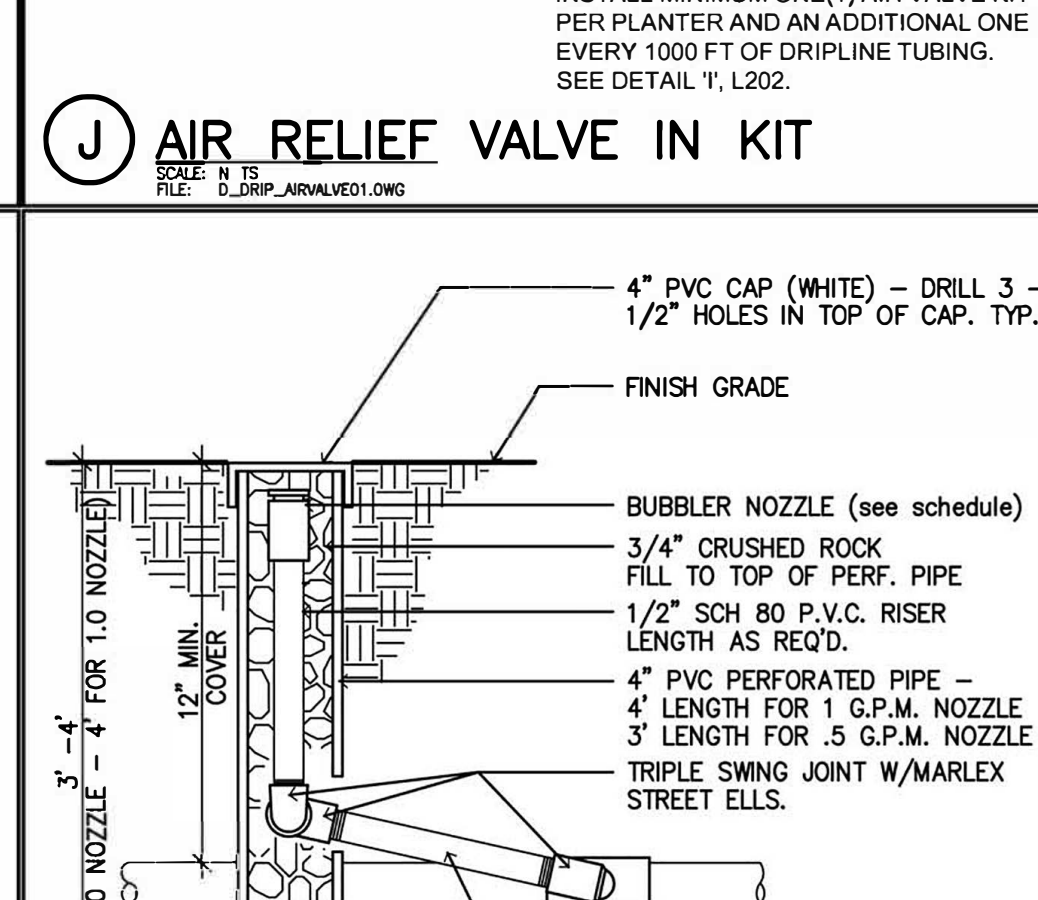
F DRIPLINE LATERALS



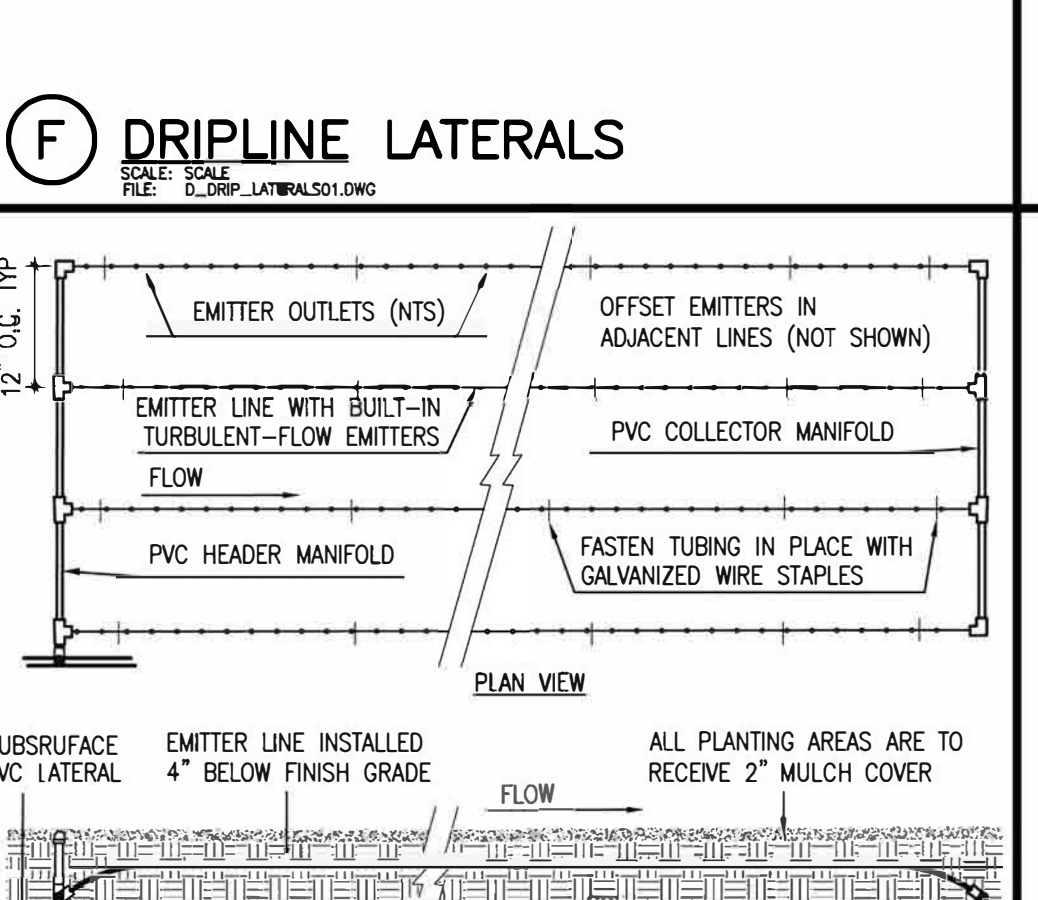
C ATMOSPHERIC CONTROL VALVE



N TRENCHING DETAIL



K TREE BUBBLER



G DRIP LINE



IRRIGATION DESIGN LAYOUT & DETAILS