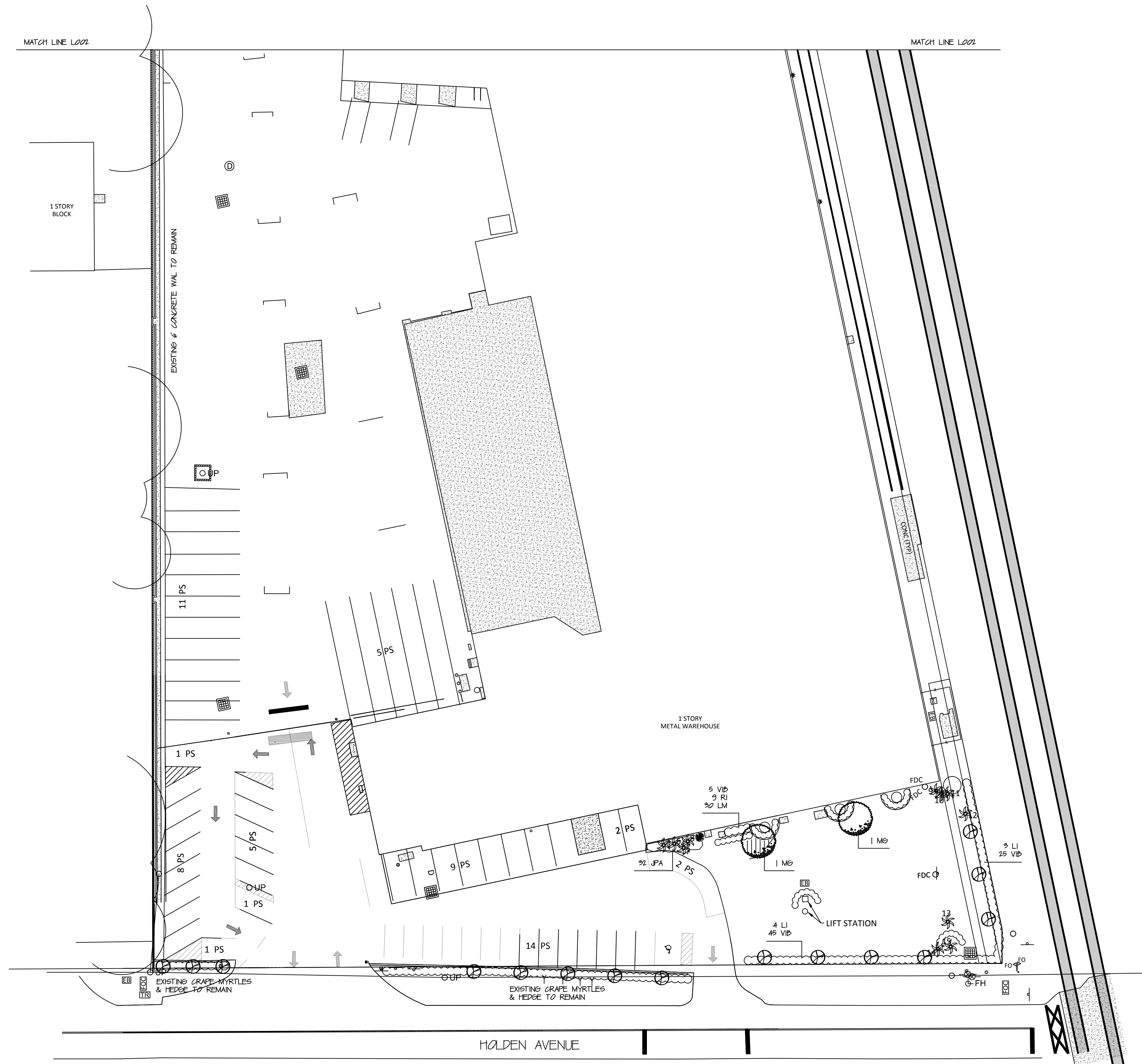


LANDSCAPE MATERIAL LIST

2	MS	MAGNOLIA GRANDIFLORA	SOUTHERN MAGNOLIA	45 GAL, 3" GAL, 8' TALL, 4' CT, FULL CANOPY
6	TD	TAXODIUM DISTICHUM	DAMP CYPRESS	25 GAL, 2" GAL, 7' TALL, SINGLE LEADER, FULL CANOPY
7	LI	LASERSTROEMIA INDICA	GRAPE MYRTLE	25 GAL, 2.5" GAL, 6' TALL, MULTI-TRUNK, FULL CANOPY
1	GT	CHAMEROPS HUMILIS	EUROPEAN FAN PALM	12 GAL, 20" TALL, FULL SPECIMEN
2	JPA	UNIFERUS PARSONI	DWARF UNIFER	3 GAL, 16" - 18", MIN 3 BRANCHES, FULL
3	LM	LIRIOPE MUSCARI	PORTER GRASS	1 GAL, MIN 7" - 9" PPS, FULL, SET 18" o.c.
9	RI	RAVIGLIERIA INDICA	INDIAN HAWTHORN	3 GAL, 18" - 18", WELL-BRANCHED, FULL
205	VB	VIORNUM ODORATISSIMUM	SWEET VIORNUM	3 GAL, 30" TALL, FULL, SET 3' o.c.

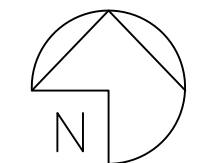
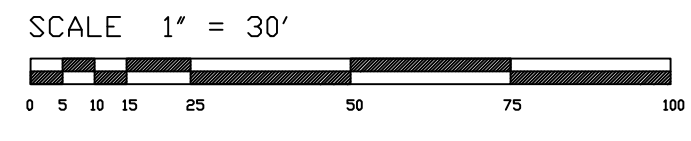
LANDSCAPE NOTES

- ALL MATERIAL SHALL BE FLORIDA # GRADE OR BETTER
- ALL LANDSCAPED AREAS SHALL BE MULCHED WITH 2" - 3" OF PINE BARK MULCH
- MULCH SHALL NOT BE INSTALLED ON TOP OF THE ROOT BALLS OF ANY SHADE OR ORNAMENTAL TREES
- ALL MATERIAL INSTALLED SHALL MEET THE 2015 GRADES AND STANDARDS FOR LANDSCAPE INSTALLATION
- CERTIFICATION IS REQUIRED FROM THE NURSERY AND/OR THE LANDSCAPE CONTRACTOR THAT THE TREE ROOT BALL HAS BEEN SHAVED PER GRADES AND STANDARDS
- ALL TREES MUST BE INSPECTED AND APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO ACCEPTANCE
- ALL NEW TREES MUST BE GUYED OR STAKED AS DETAILED
- EXISTING LANDSCAPING SHALL REMAIN AS IS AND BE PROTECTED THROUGHOUT CONSTRUCTION
- THE LANDSCAPE ARCHITECT SHALL REVIEW WITH THE CONTRACTOR ALL LANDSCAPING THAT IS TO BE DONE AND SHALL IDENTIFY THE SCOPE OF WORK
- PLACEMENT OF ALL LANDSCAPE MATERIAL MUST BE APPROVED BY THE LANDSCAPE ARCHITECT
- ALL LANDSCAPE MATERIAL MUST BE INSTALLED WITH NATIVE PEAT AND SLOW-RELEASE NITROGEN FERTILIZER
- ALL MATERIAL SHALL BE GUARANTEED FOR 90 DAYS FROM THE DATE OF ACCEPTANCE
- LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING IN ALL TREES AND REMOVING AIR-POCKETS
- DURING THE ESTABLISHMENT PERIOD (FIRST 90 DAYS) THE LANDSCAPE CONTRACTOR SHALL APPLY A MINIMUM OF 60 - 80 GPD TO ALL NEW TREES
- LANDSCAPE CONTRACTOR MUST LOCATE ALL UNDERGROUND UTILITIES PRIOR TO ANY INSTALLATION
- NO PLANTINGS OR OTHER OBSTRUCTIONS MAY BE WITHIN THE 1' VEHICULAR OVERHANG AREA
- ALL DISTURBED AREAS IN FRONT SHALL BE SOPPED WITH ST AUGUSTINE FLORATAM
- ALL SOD EDGES SHALL BE SHOVEL-CUT WITH ROUNDED BEP-LINES FOR MAINTENANCE
- ALL DISTURBED AREAS IN BACK SHALL BE SOPPED WITH ARGENTINE-BAHIA SOD
- SOD SHALL BE INSTALLED WITH NO GAPS OR OVERLAPS AND JOINTS TO BE SANDED AS DIRECTED
- ALL WIRE / MESH BACKING MUST BE COMPLETELY REMOVED PRIOR TO ANY ACCEPTANCE
- PLANTING SOIL USED FOR THE BUILDING PLANTERS AND BACKFILLING OF THE LANDSCAPE ISLANDS, ETC. MUST BE REVIEWED AND APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO ANY INSTALLATION. ALL SOIL SHALL BE WEED-FREE, CONTAIN NO STAKES, ROCKS, OR OTHER FOREIGN OBJECTS, AND SHALL BE A MIXTURE OF 40% SAND, 50% LOAM, AND 10% TOP-SOIL
- THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR THE PROPER DISPOSAL OF ALL PLANT MATERIAL, ROOTS, SOIL, AND OTHER LANDSCAPE ITEMS REMOVED FROM THIS SITE
- THE LANDSCAPE CONTRACTOR MUST PROVIDE AN AS-BUILT OF THE IRRIGATION SYSTEM TO THE LANDSCAPE ARCHITECT PRIOR TO REQUESTING ANY INSPECTIONS AND/OR APPROVALS
- THE CONTRACTOR SHALL KEEP THE SITE CLEAN OF ALL DEBRIS, SEDIMENT, DIRT, ETC., AND ENSURE THAT THAT DRAINAGE SYSTEM REMAINS CLEAR AND THAT PEDESTRIAN WAYS ARE NOT BLOCKED
- DO NOT PLANT NEW TREES TOO DEEP. UNCOVER THE TRUNK FLARE AND SET THIS AT OR ABOVE THE SURROUNDING SOIL LEVEL
- REMOVE ANY TREE WRAP FROM AROUND THE TRUNK OF NEW TREES TO BE INSTALLED
- ALL NEW TREES AND SHRUBS MUST MEET THE 'AMERICAN STANDARDS FOR NURSERY STOCK' (ANSI 240)
- LANDSCAPE ARCHITECT MAY REQUIRE PRUNING OF NEW TREES AFTER INSTALLATION IF IT IS DETERMINED THAT THE TREES NEED A SINGLE DOMINANT LEADER ESTABLISHED OR CLUSTER BRANCHES REMOVED
- ALL PLANT MATERIAL MUST MEET ALL OF THE SIZE SPECIFICATIONS, NOT JUST THE CONTAINER SIZE
- HAVING THE LANDSCAPE ARCHITECT APPROVAL OF PLANT PLACEMENT IS ESSENTIAL FOR ACCEPTANCE
- ALL SIZE SPECIFICATIONS SHOWN ON THE MATERIAL LIST ARE FOR THE HEIGHT OF THE MATERIAL UNLESS OTHERWISE NOTED. MEASUREMENT SHALL BE AS PER THE CURRENT INDUSTRY GRADES AND STANDARDS
- SEE CIVIL PLANS FOR NEW LANDSCAPE ISLANDS
- BACKFILL IN ISLANDS MUST BE A MINIMUM OF 18" DEEP (SEE NOTE 23). REMOVE ALL EXISTING LIMESTONE



\* VARIANCE REQUESTED FOR LANDSCAPE INSTALLATION BECAUSE OF SPACE LIMITATIONS OF EXISTING IMPROVEMENTS. NEW BUILDING WILL BE CONSTRUCTED OVER EXISTING PAVEMENT SO THERE IS NO NET ADDITIONAL STORMWATER RUNOFF. PROPOSED LANDSCAPING BASED ON DISCUSSIONS WITH STAFF

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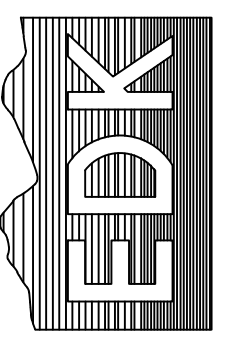
RICHARD A KESSELING JR., PLA, ASLA  
LANDSCAPE ARCHITECT, STATE OF FLORIDA #858

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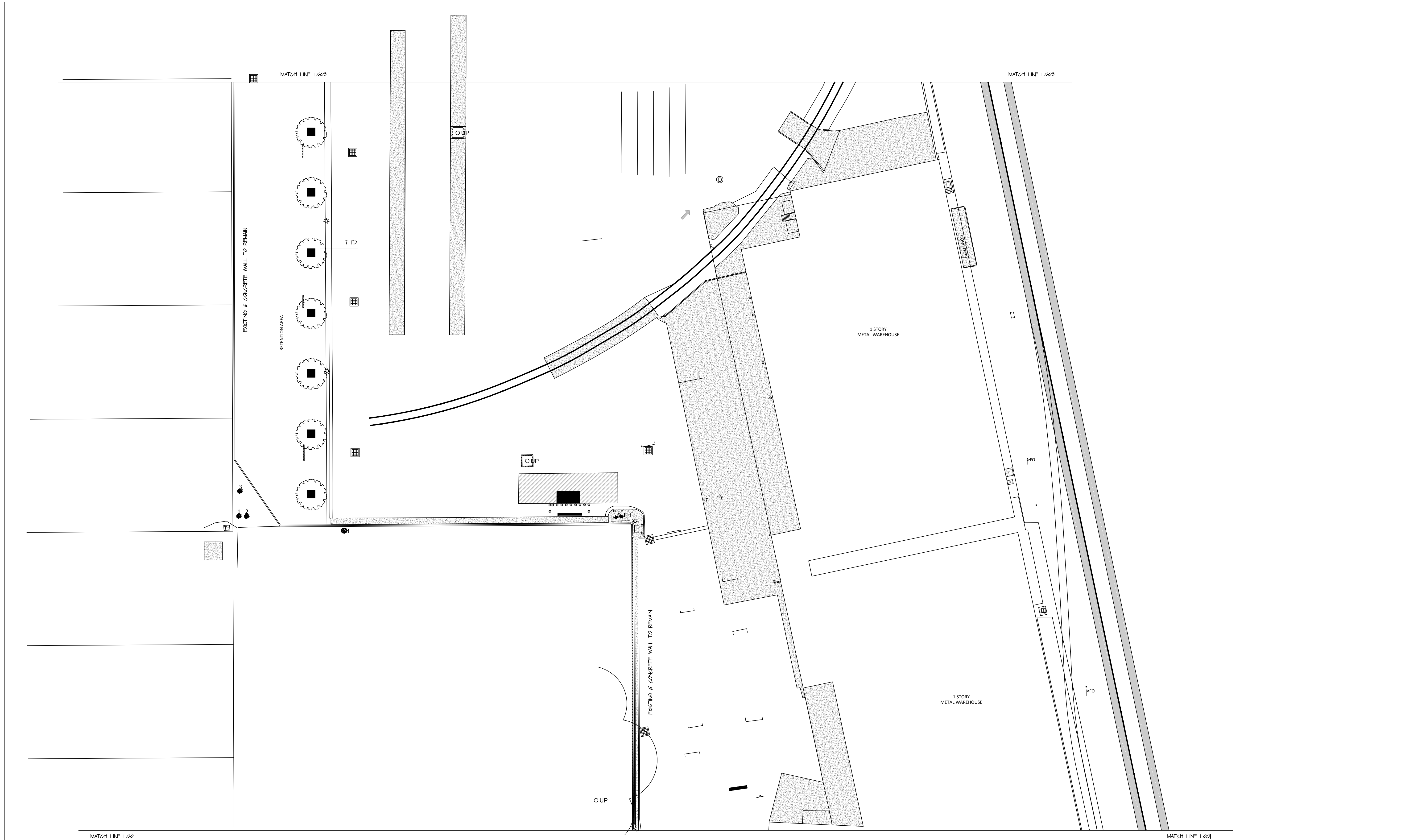
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ANDY KESSELING, LANDSCAPE ARCHITECT  
P.O. BOX 5121  
1920 SE. 8th STREET  
OCALA, FLORIDA 34478  
(352) 622-8899  
LANDSCAPE ARCHITECTURE, SITE PLANNING,  
GOLF COURSE DESIGN, COMMERCIAL-RESIDENTIAL DESIGN

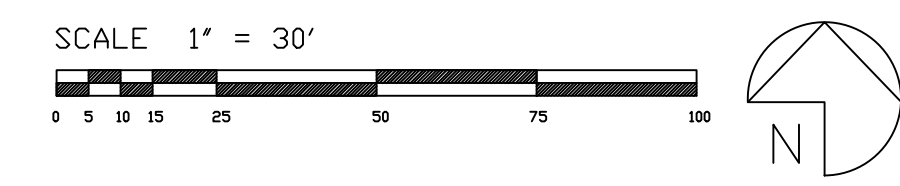


LANDSCAPE PLAN 1  
BOISE CASCADE  
EDGEWATER  
FLORIDA  
SHEET 1001 of 1001





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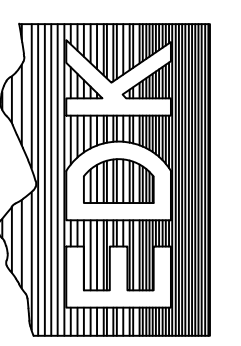


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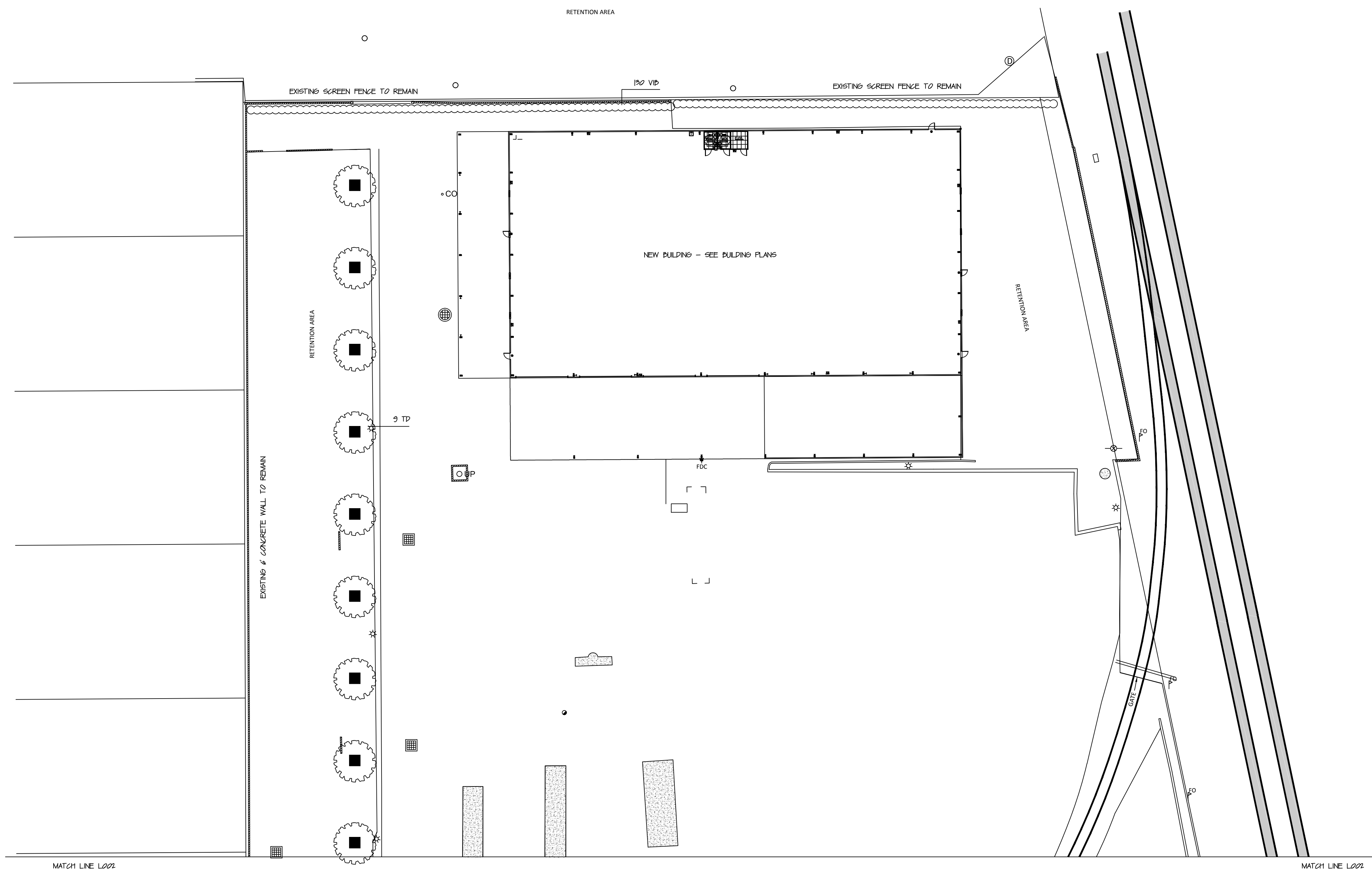
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LANDSCAPE PLAN 2  
 BOISE CASCADE  
 EDGEWATER FLORIDA



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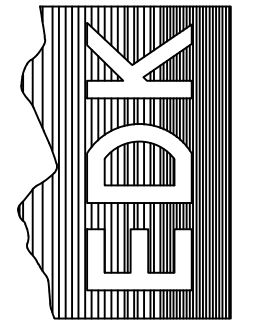


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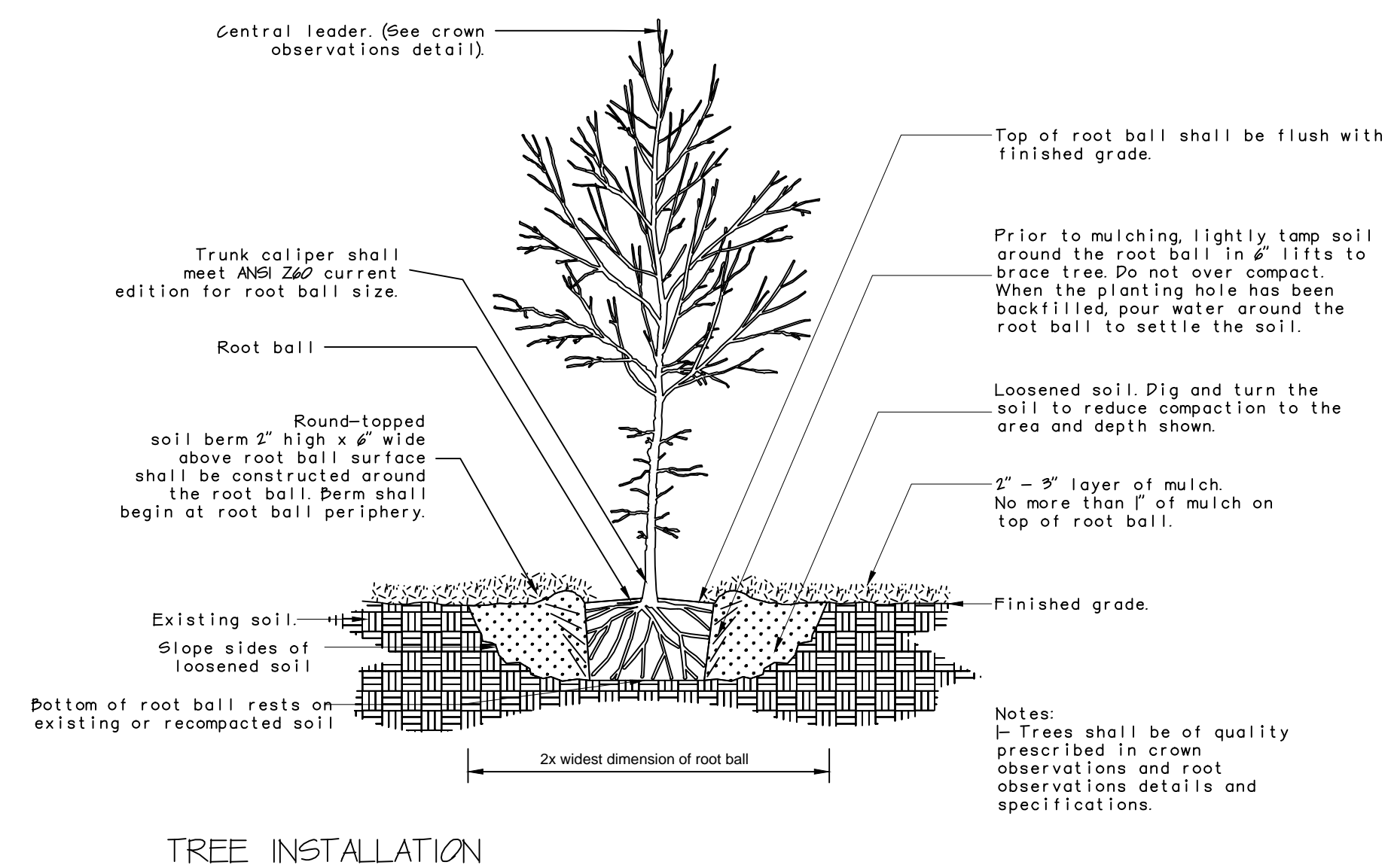
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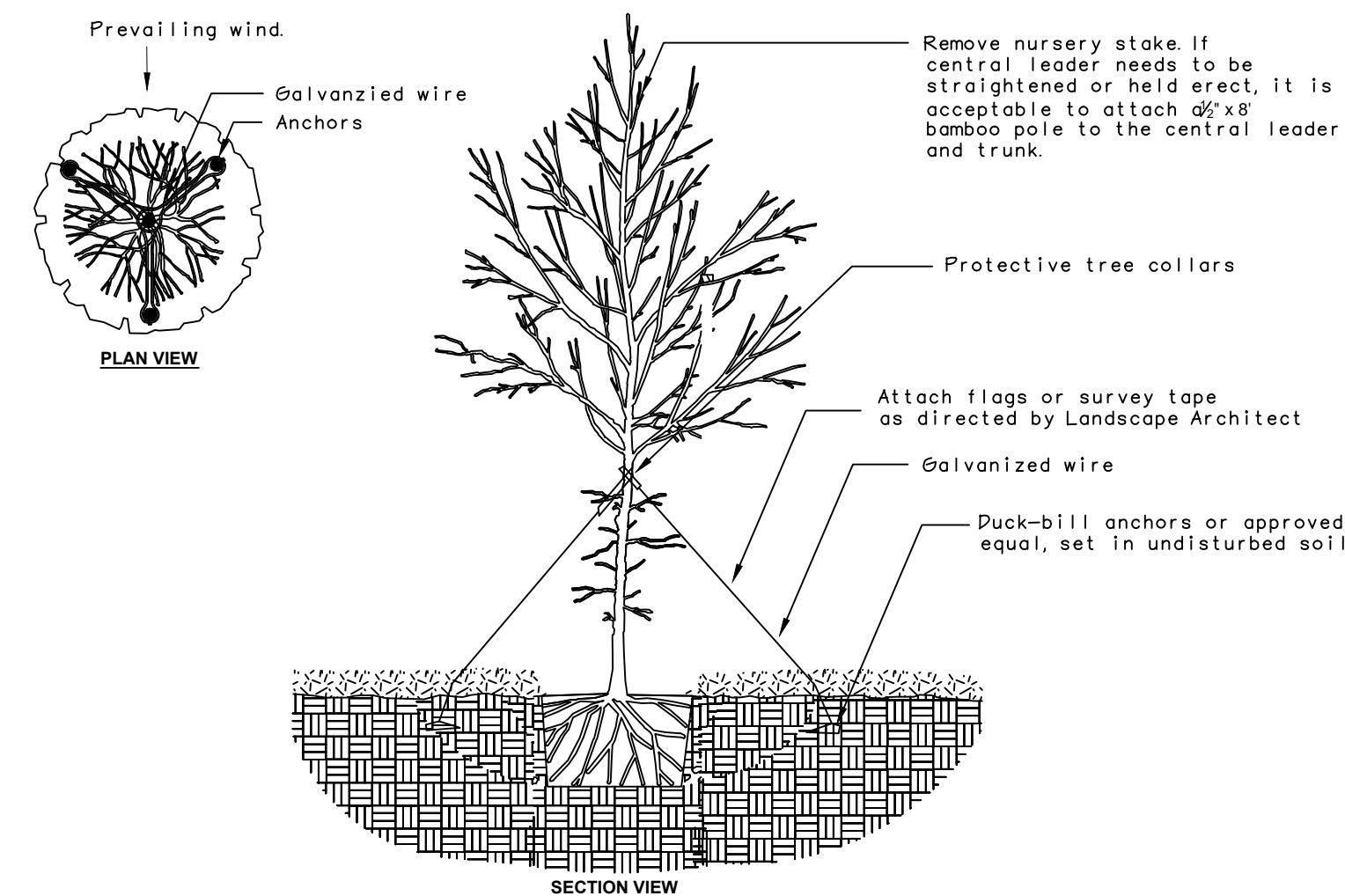
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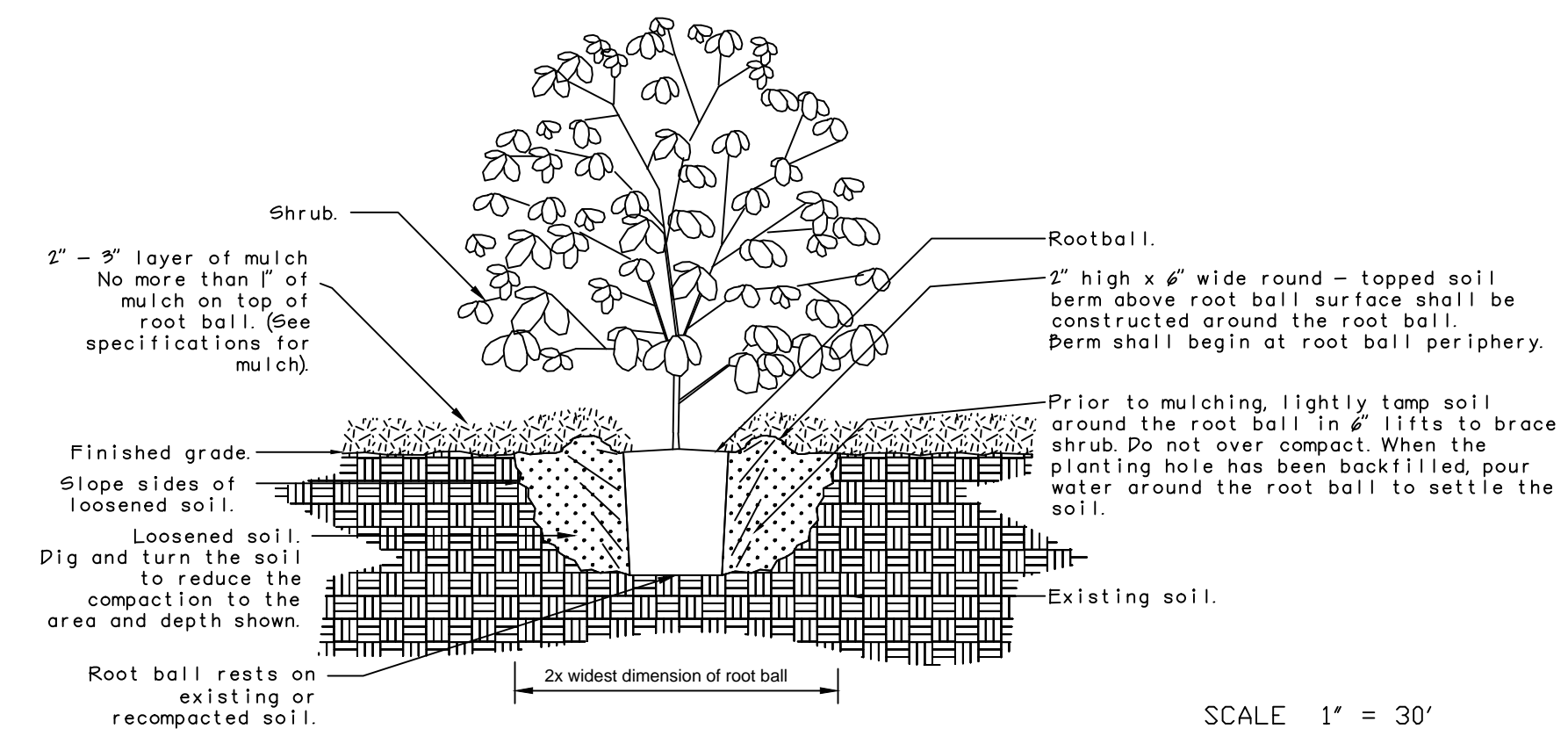
LANDSCAPE PLAN 3  
BOISE CASCADE  
EDGEWATER  
FLORIDA



TREE INSTALLATION

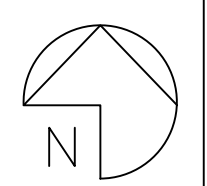
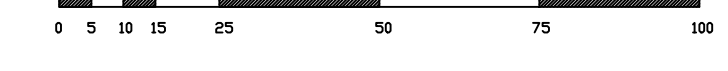


TREE STAKING - TREES < 2" CALIPER



SHRUB INSTALLATION

SCALE 1" = 30'



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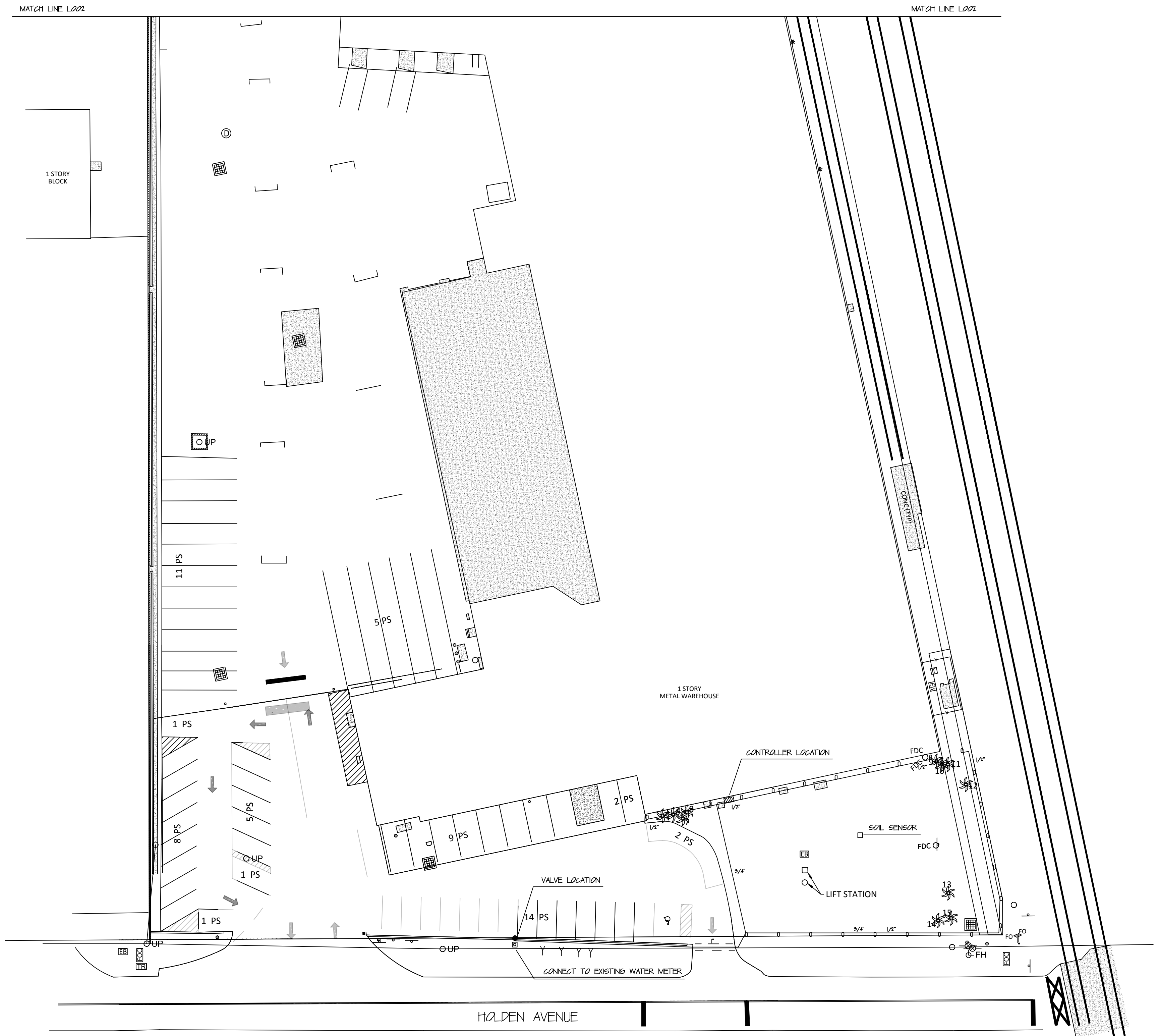


IRRIGATION LEGEND

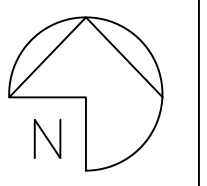
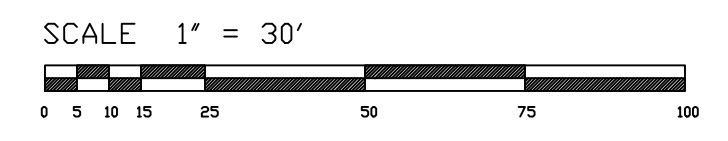
- HUNTER MP 1000 SERIES POP-UP SPRAY HEADS
- \* HUNTER P00 SERIES BUBBLER HEADS FOR TREES
- SOIL SENSOR LOCATION
- ⊞ CONNECTION TO EXISTING WATER METER
- ⊞ HUNTER X-CORE (2-STATION) CONTROLLER
- 2" NELSON VALVES IN WATER-RESISTENT BOXES
- == SLEEVING - SCH. 40 P.V.C.

IRRIGATION NOTES

1. MINOR CHANGES MAY BE MADE IN THIS LAYOUT WITH APPROVAL BY THE LANDSCAPE ARCHITECT
2. ALL HEAD LOCATIONS MUST BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO ANY INSTALLATION
3. HEADS SHALL BE 1/4, 1/2, OR FULL CIRCLE AS EACH LOCATION REQUIRES
4. SPRAYS PATTERNS SHALL BE SET TO MINIMIZE SPRAY ONTO ADJACENT WALKS, DRIVES, AND BUILDINGS
5. IRRIGATION SHALL CONSIST OF TWO SEPARATE SYSTEMS, ONE FOR THE HOLDER AVENUE LANDSCAPING AND TWO FOR THE LANDSCAPING ADJACENT TO THE NEW BUILDING
6. PRIOR TO ANY INSTALLATION, THE IRRIGATION CONTRACTOR SHALL INSPECT THE EXISTING WATER UTILITIES AND CONFIRM THAT CONNECTION CAN BE MADE AS PROPOSED. COORDINATE THE NEW CONNECTIONS WITH THE CIVIL UTILITY PLANS. ANY MODIFICATIONS MUST BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO ANY INSTALLATION
7. IRRIGATION CONTRACTOR SHALL SECURE ALL PERMITS REQUIRED TO CONNECT TO EXISTING WATER METER
8. THE CONTROLLER SHALL BE LOCATED IN THE GENERAL AREA SHOWN AND SHALL BE MOUNTED AS APPROVED BY THE LANDSCAPE ARCHITECT IN A LOCKABLE CASE
9. THE OWNER WILL PROVIDE AN ELECTRICAL OUTLET IN THE CONTROLLER AREA
10. ALL VALVES SHALL BE INSTALLED IN WATER-RESISTENT BOXES
11. ALL SLEEVING MUST BE INSTALLED PRIOR TO THE LIMEROCKING OF THE PAVED AREAS
12. ALL SLEEVING SHALL BE SCH. 40 P.V.C. AND INSTALLED A MINIMUM OF 18" DEEP
13. ALL FEEDER LINES SHALL BE INSTALLED A MINIMUM OF 18" DEEP
14. RAINBIRD "RAINCHECK" DEVICE SHALL BE INSTALLED TO MINIMIZE IRRIGATION DURING SUFFICIENT RAINFALL (RSR SERIES). IN ADDITION, AN AGLUMA TDT SENSOR WITH SOX CONTROL MONITOR MUST BE INSTALLED AS LOCATED BY THE LANDSCAPE ARCHITECT FOR PROPER IRRIGATION AMOUNTS
15. THE ENTIRE SYSTEM MUST BE OPERATIONAL, REVIEWED, AND APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO FINAL ACCEPTANCE
16. THE CONTRACTOR SHALL RETURN WITHIN THE FIRST 30 DAYS TO ADJUST THE SYSTEM AS NECESSARY AND DIRECTED BY THE LANDSCAPE ARCHITECT
17. ALL LABOR AND MATERIALS SHALL BE GUARANTEED FOR 1 YEAR FOR FINAL ACCEPTANCE
18. THE CONTRACTOR MUST PROVIDE AN AS-BUILT DRAWING TO THE LANDSCAPE ARCHITECT PRIOR TO FINAL ACCEPTANCE
19. BACKFLOW PREVENTION DEVICES MUST BE INSTALLED AT THE CONNECTION POINTS FOR BOTH SYSTEMS
20. SLEEVES MUST BE INSTALLED IN ALL AREAS WHERE IRRIGATION PIPING IS INSTALLED UNDER PAVEMENT
21. ZONES ARE DESIGNED TO FUNCTION AT 30 GPM AND 40 PSI AT THE VALVE LOCATIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR TESTING AT ALL HEADS TO INSURE PROPER PRESSURE AND WATER QUANTITY FOR THE DESIGNED COVERAGE
22. CONTRACTOR SHALL CONSULT WITH BOTH OWNER AND THE LANDSCAPE ARCHITECT FOR THE TIMING OF THE SYSTEM, BASED ON CURRENT WATER RESTRICTIONS
23. SYSTEM DOES NOT PROVIDE 100% COVERAGE OF THE ENTIRE PROJECT SITE. CONTRACTOR MUST ADJUST HEADS TO COVER THE NEW TREE AND SHRUB PLANTINGS AS DIRECTED BY THE LANDSCAPE ARCHITECT
24. ALL LINE LOCATIONS MUST BE ADJUSTED ON-SITE TO INSURE THAT THEY DO NOT IMPACT THE MAJOR ROOT SYSTEMS OF THE TREES TO BE PRESERVED
25. ALL IRRIGATION HEADS SHALL BE LOW-VOLUME, MICRO-IRRIGATION TO MINIMIZE WATER CONSUMPTION
26. SET RUN TIMES FOR THE SYSTEM PER RECOMMENDATIONS BY IFAS @ EDIS/IFAS/PLEU/MS10
27. ON HEADS LOCATED BELOW THE VALVE LOCATIONS, INSURE CHECK VALVES ARE INSTALLED AT THE HEAD
28. ANY EXISTING IRRIGATION ENCOUNTERED SHALL BE PRESERVED
29. POP-UP HEIGHTS WITHIN SOD AREAS SHALL BE SET AT 6"
30. ALL VALVES SHALL HAVE A FACTORY-INSTALLED FILTER SENTRY AND VERIFIED BY CONTRACTOR
31. VERIFY CONTROLLER SET-UP WITH LANDSCAPE ARCHITECT PRIOR TO INSTALLATION
32. ALL IRRIGATION INSTALLATION SHALL MEET 2015 GRADES AND STANDARDS
33. NO IRRIGATION HEADS SHALL BE INSTALLED ON RISERS UNLESS SPECIFICALLY NOTED AND DETAILED
34. ALL AS-BUILTS, VERIFICATIONS, ETC. MUST BE SUBMITTED PRIOR TO FINAL INSPECTION AND ACCEPTANCE
35. BUBBLERS AT ALL TREES AND PALMS SHALL BE STAKED AT THEIR PROPER LOCATIONS



IRRIGATION ZONE DATA  
 22.4 TOTAL GPM x 15' = 336 GFR x 2' = 672 GFW / 7 = 96.0 GPD  
 GPM = GALLONS PER MINUTE  
 GFR = GALLONS PER ZONE RUN TIME  
 GFW = GALLONS PER WEEK  
 GPD = GALLONS PER DAY

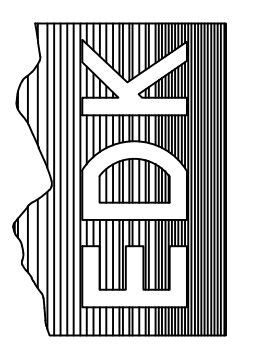


RICHARD A KESSELRING JR., PLA, ASLA  
 LANDSCAPE ARCHITECT, STATE OF FLORIDA #858

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ENVIRONMENTAL DESIGN  
 ANDY KESSELRING, LANDSCAPE ARCHITECT  
 1920 SE. 8th STREET P.O. BOX 5121  
 OCALA, FLORIDA 34478 (352) 622-8899  
 LANDSCAPE ARCHITECTURE, SITE PLANNING,  
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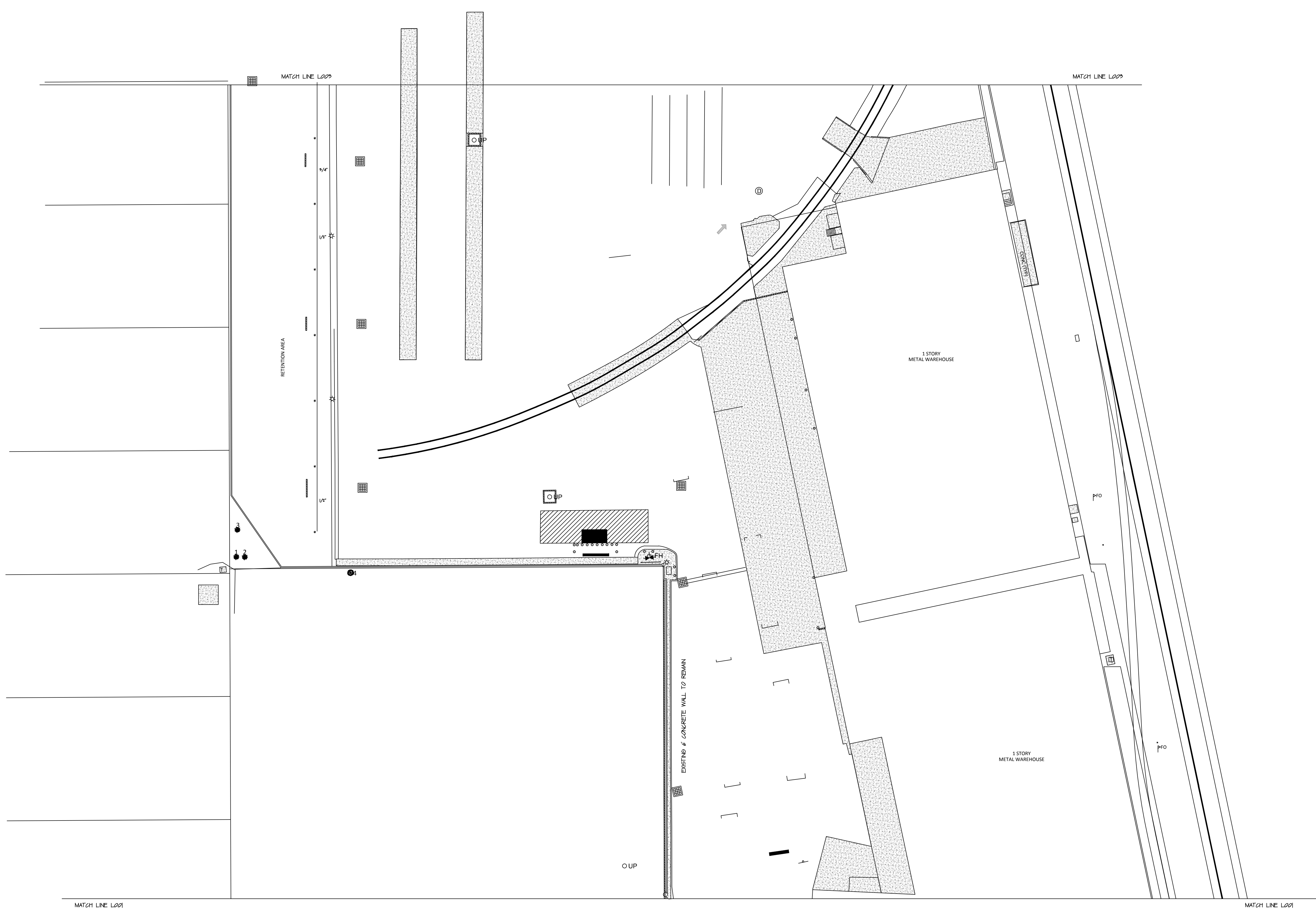


IRRIGATION PLAN 1  
 BOISE CASCADE  
 EDGEWATER FLORIDA

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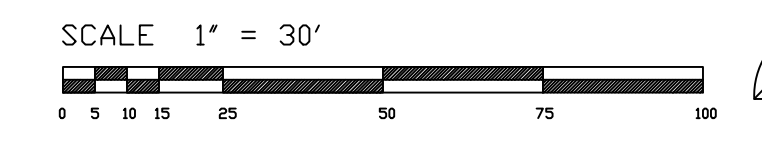




MATCH LINE L001

MATCH LINE L002

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1	4/23				

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JOB NO.:		VIEW NAME:	
		FB.	PG.

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 1920 SE. 8th STREET P.O. BOX 5121  
 Ocala, Florida 34478 (352) 622-8889  
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IRRIGATION PLAN 2  
 BOISE CASCADE  
 EDGEWATER FLORIDA



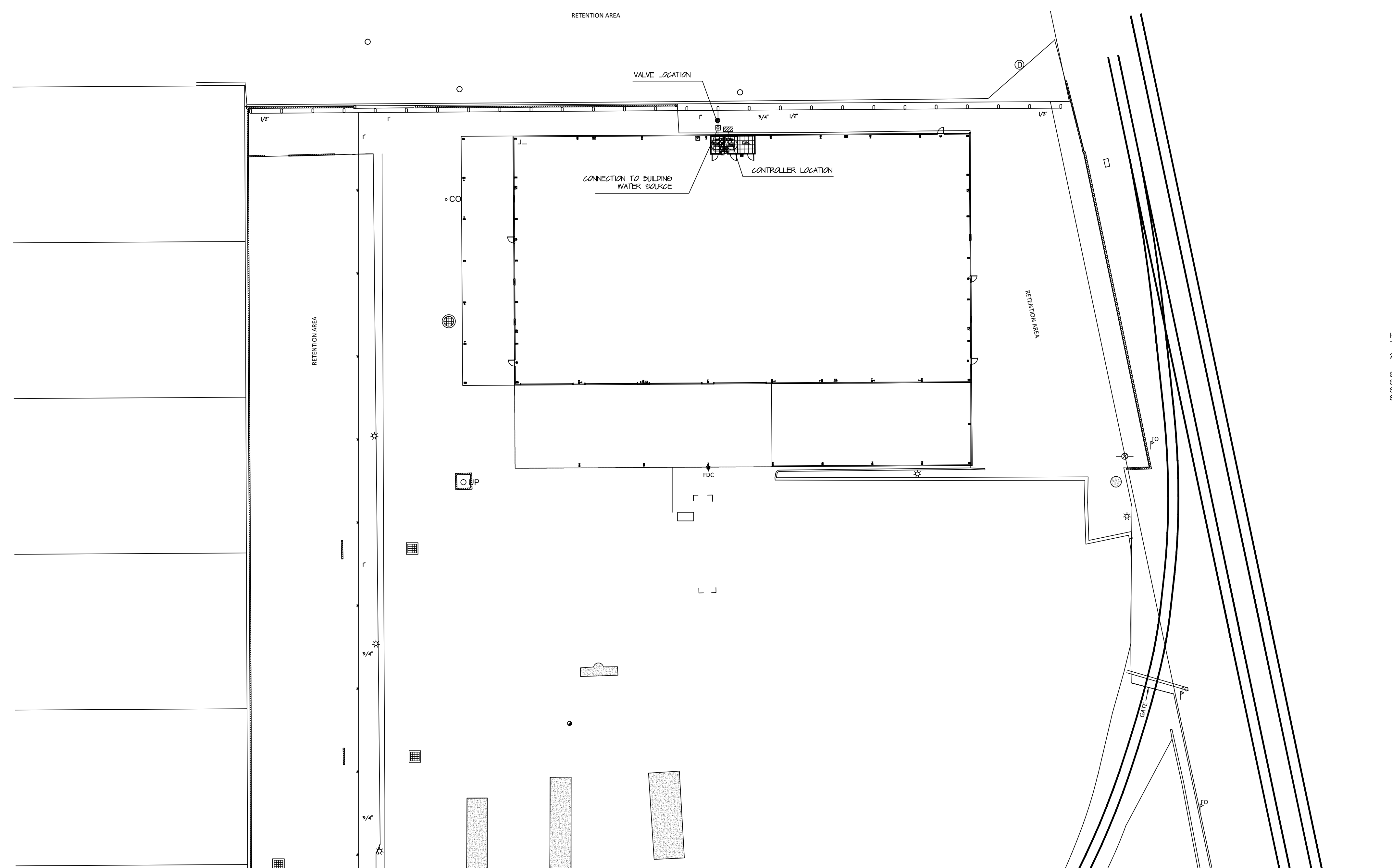
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- IRRIGATION LEGEND**
- HUNTER MP 1020 SERIES POP-UP SPRAY HEADS
  - ✱ HUNTER PCB SERIES BUBBLER HEADS FOR TREES
  - SOL SENSOR LOCATION
  - ⊗ CONNECTION TO EXISTING WATER METER
  - ⊞ HUNTER X-CORE (2 STATION) CONTROLLER
  - 1" NELSON VALVES IN WATER-RESISTENT BOXES
  - == SLEEVING - SCH 40 PVC

**IRRIGATION ZONE DATA**

248 TOTAL GPM x 15 = 402 GPR x 2 = 804 GPM / 7 = 114.8 GPD

GPM = GALLONS PER MINUTE  
GPR = GALLONS PER ZONE RUN TIME  
GPD = GALLONS PER DAY

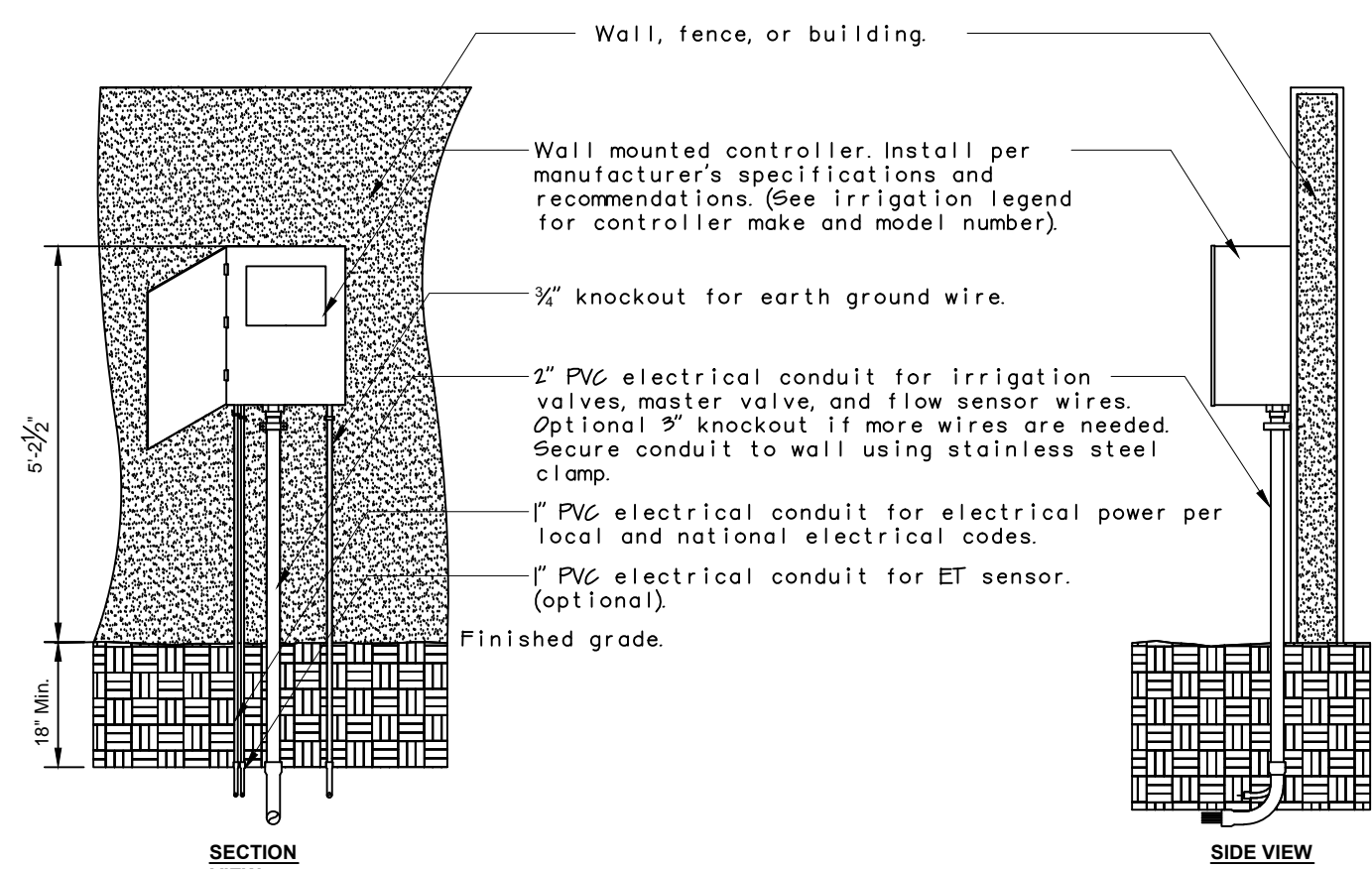
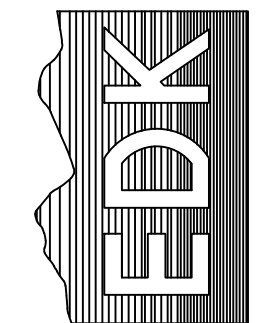


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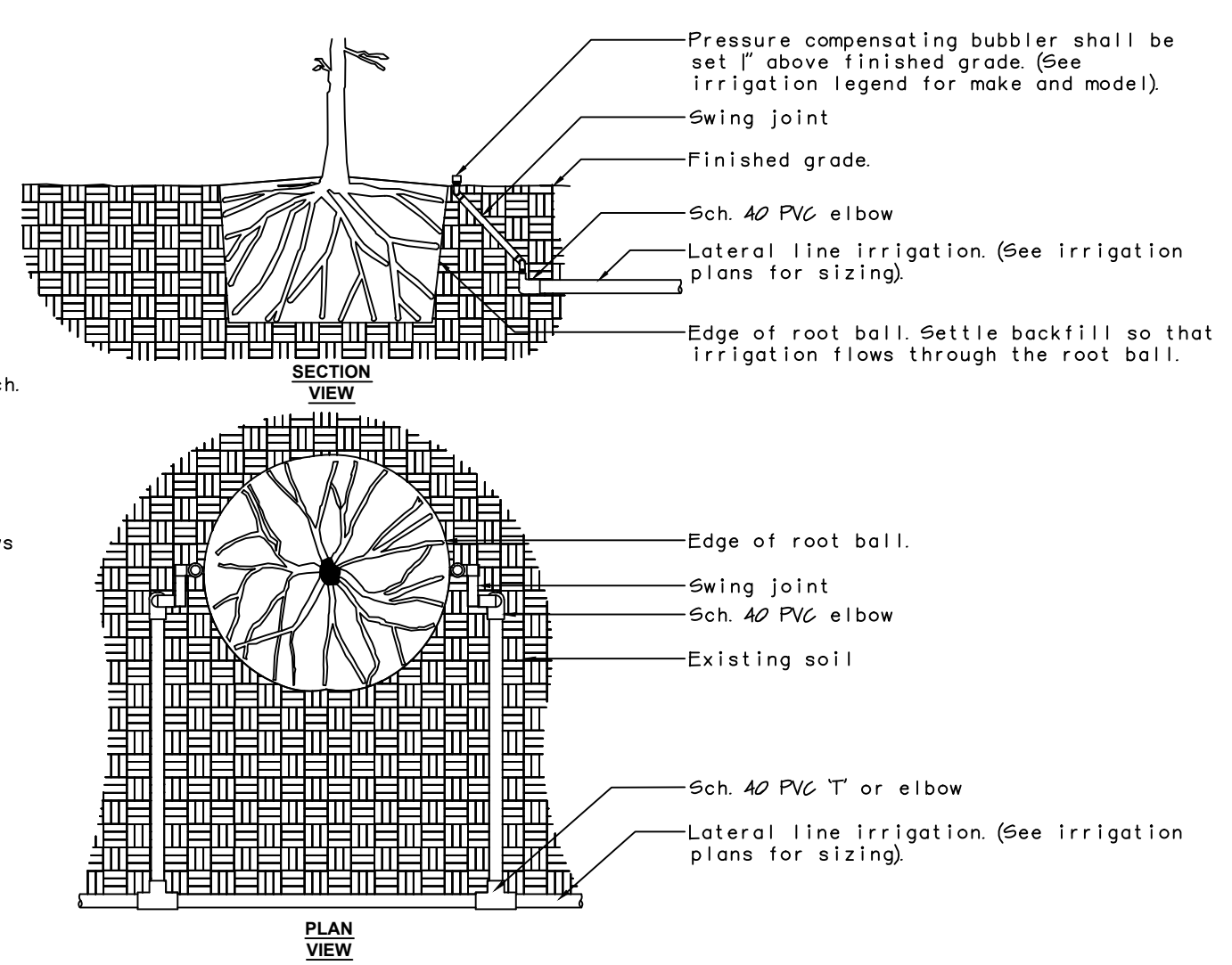
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ENVIRONMENTAL DESIGN ARCHITECT  
ANDY KESSELRING, LANDSCAPE ARCHITECT  
1920 SE. 8th STREET  
OCALA, FLORIDA 34478  
(352) 622-8899  
LANDSCAPE ARCHITECTURE, SITE PLANNING,  
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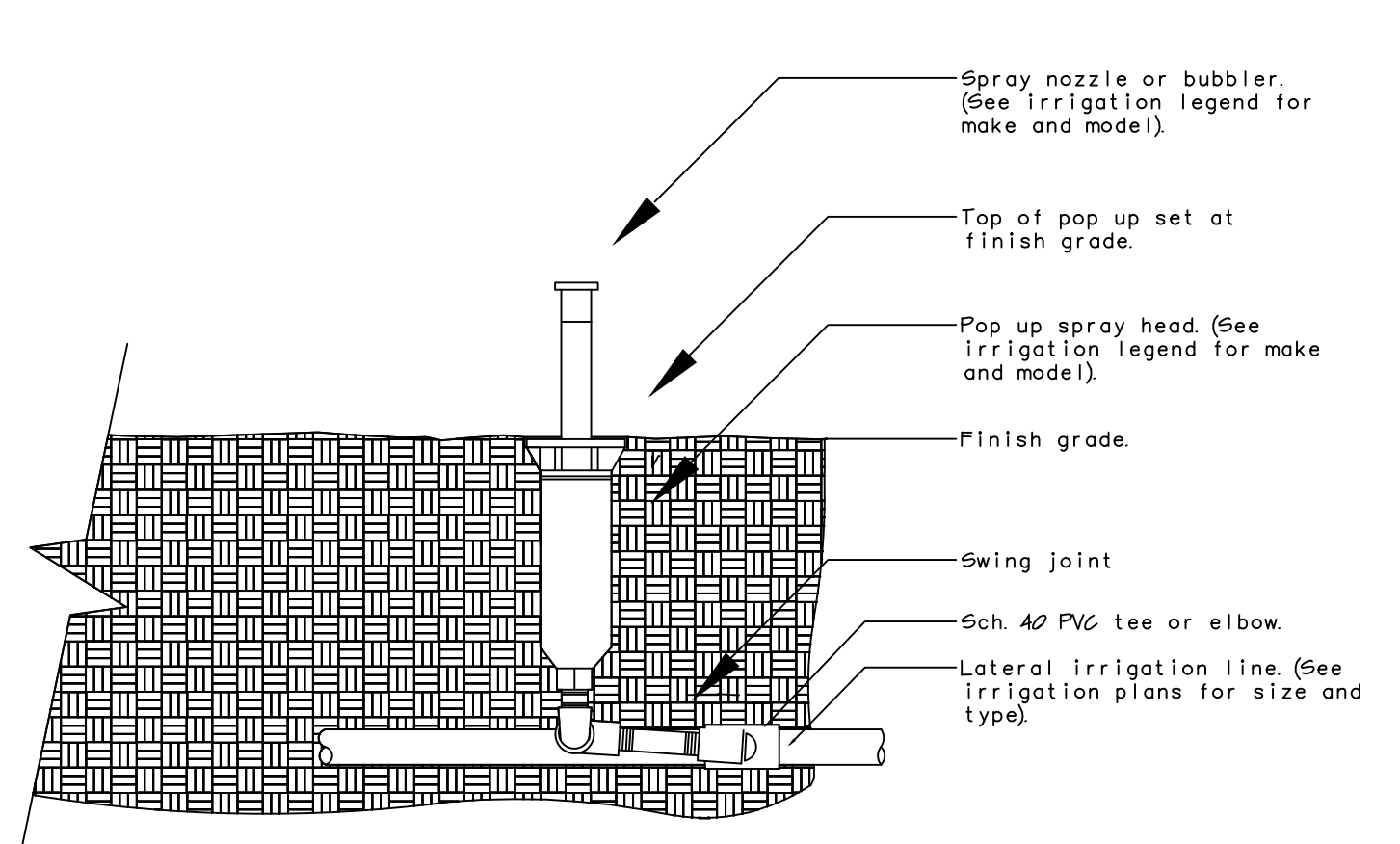
**Notes:**  
1- Common and controller wire to be bundled using electrical tape at 1/2" on center.  
2- Grounding rods shall be located between 6" to 12" away from the controller. Grounding rods shall be 6' in length, connect the grounding rod to the controller using #4 gauge bare copper wire per manufacturer's specifications.  
3- Rain sensor device shall be installed within 30" of the controller, a minimum of 18" high, and out from any overhead obstructions such as building overhangs, trees, or utilities.

WALL MOUNTED CONTROLLER



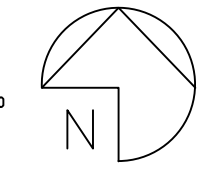
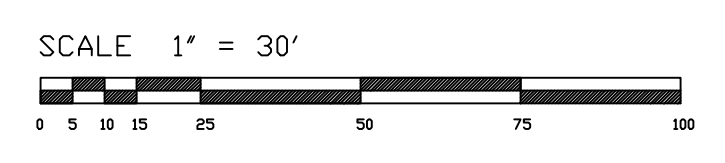
**Notes:**  
1- All irrigation fittings shall be Sch. 40 PVC unless specified otherwise.  
2- All threaded connections from Sch. 40 to Sch. 80 PVC shall be made using teflon tape.  
3- Contractor shall settle the area around the bubbler and edge of the root ball so that all irrigation flows through the root ball.

TREE BUBBLER LAYOUT



**Notes:**  
1- 4" pop ups shall be used in turf areas.  
2- Contractor shall settle soil around the pop up after installation.  
3- All pop up spray heads shall have check valves.  
4- All Sch. 40 PVC to Sch. 80 PVC connections shall be made using teflon tape.

POP UP-SPRAY HEAD



IRRIGATION PLAN 3  
BOISE CASCADE  
EDGEWATER FLORIDA