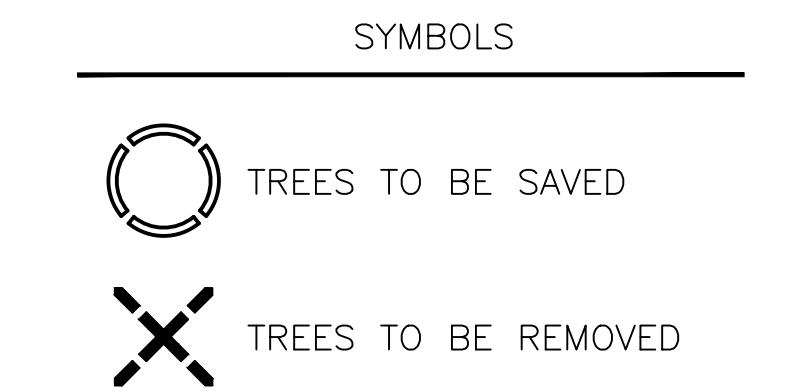
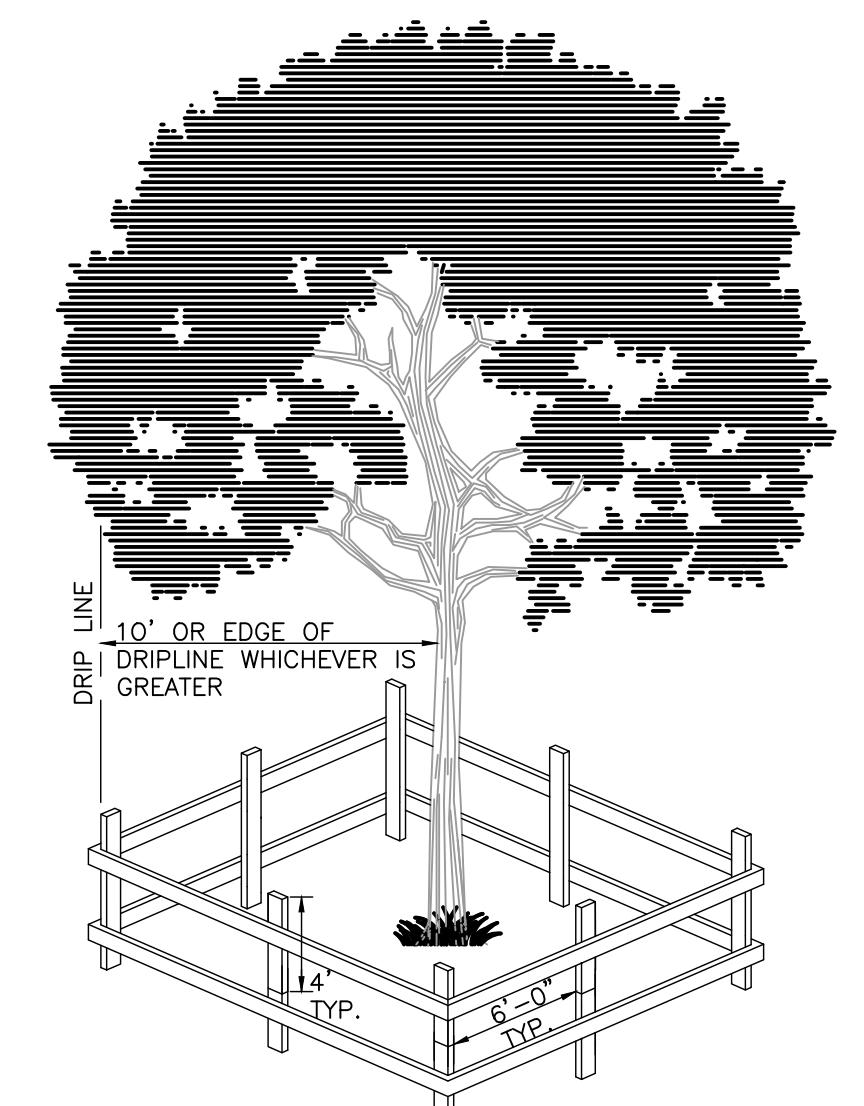


Existing trees to be Saved			
TYPE	Count	SIZE	INCHES
OAK	1	18	18.0000
OAK	2	16	32.0000
OAK	2	8	16.0000
PINE	1	10	10.0000
PINE	3	6	18.0000
PINE	2	14	28.0000
Total			122.0000
	11		

Existing trees to be Removed			
TYPE	Count	SIZE	INCHES
OAK	2	10	20.0000
OAK	2	16	32.0000
OAK	6	14	84.0000
OAK	3	18	54.0000
PINE	1	16	16.0000
PINE	2	10	20.0000
PINE	1	12	12.0000
PINE	1	14	14.0000
Total			252.0000
	18		

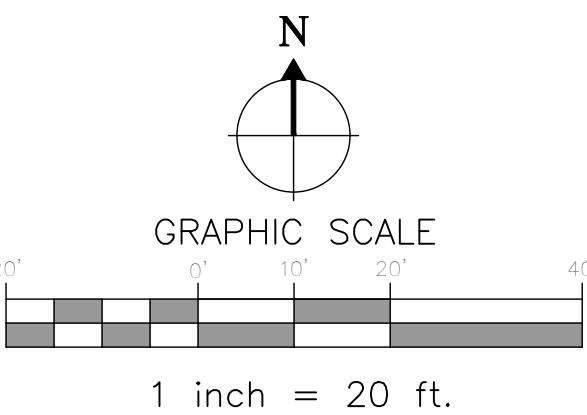


EXISTING TREE TOTALS	
TOTAL TREES REMOVED =	18
TOTAL CALIPER REMOVED =	252"
TOTAL TREES PRESERVED =	11
TOTAL CALIPER PRESERVED =	122"
REQUIRED REPLACEMENT =	25.2"



1  
TM100 TYPICAL TREE PROTECTION DETAIL  
SCALE= N.T.S.

NOTE:  
Posts shall be used as protective barriers to the roots and trunk of every tree on the parcel being developed. The posts shall be placed at points not closer than three-quarters (3/4) the radius of the drip-line of the protected tree, unless the structure has been permitted by Planning, Zoning & Development Department to be erected within the drip-line of a tree with a wide canopy. Each section of the barrier shall be clearly visible (flagged with brightly colored plastic tape or other markers). No attachments or wires other than those with protective or non-damaging nature shall be attached to any tree.



TM100

Tree Mitigation Plan  
The View Deltona  
City of Deltona, Florida

LANDSCAPE ARCHITECT:  
Robert R. Buchanan LA0000032  
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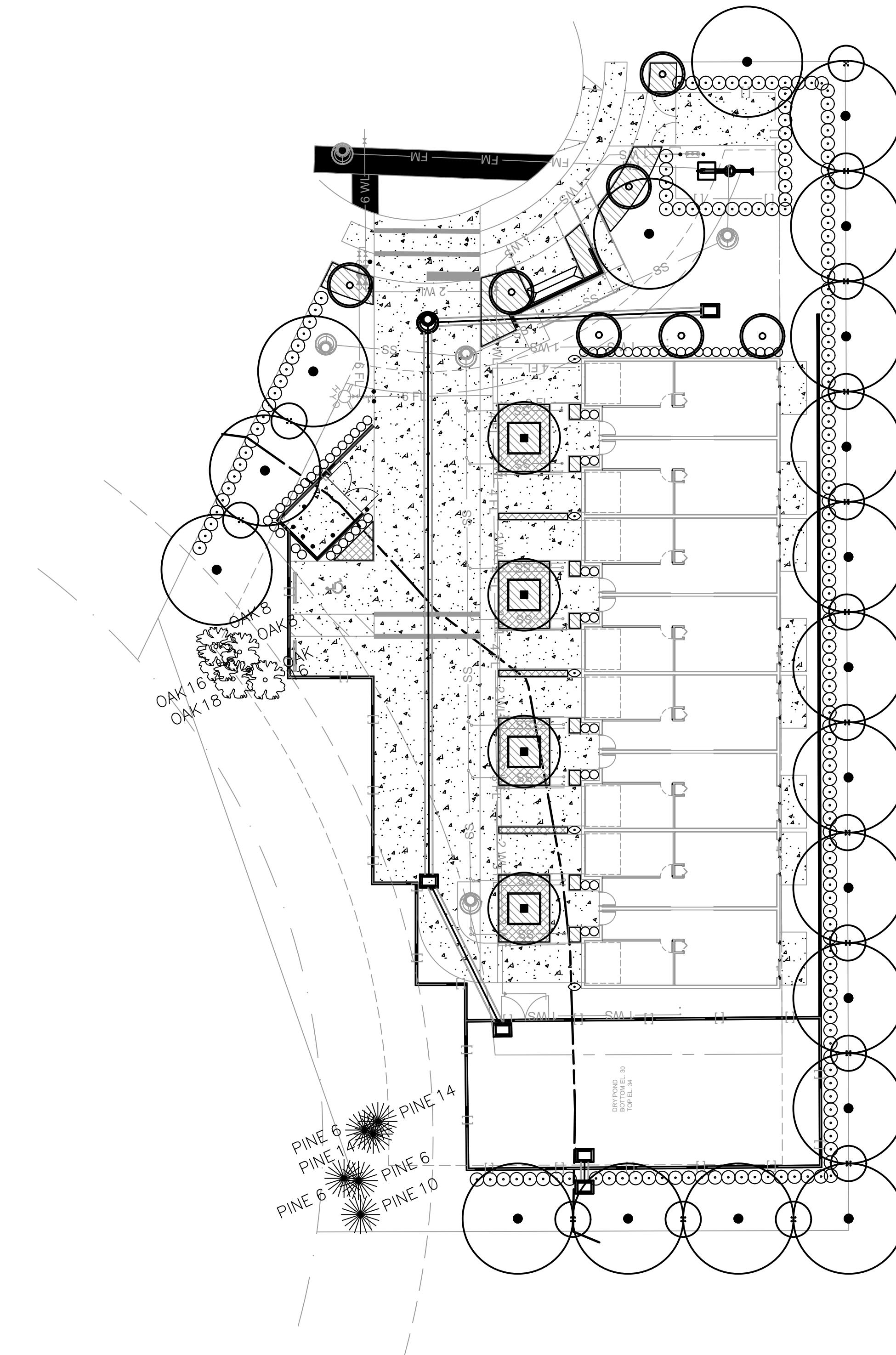
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OWNERS OF UNDERGROUND  
UTILITIES TO CALL 811  
(2) DAYS PRIOR TO EXCAVATION

CONTRACTOR MUST REVIEW  
ALL GENERAL LANDSCAPE  
NOTES PRIOR TO BIDDING AND  
CONSTRUCTION

811  
Hovel Construction, LLC  
Orlando, FL 32819

LANDSCAPE  
Dynamics  
LANDSCAPE ARCHITECTS AND PLANNERS, LLC

DATE: 12-20-21  
JOB #: 2021-029  
PERMIT #: PER00000000  
DRAWN BY: SFB  
FILE NAME: Tree Mitigation  
SCALE: 1:20



## LANDSCAPE TABULATION

### GENERAL REQUIREMENTS

City of Deltona Land Development Code Applies  
Section 110-808, Landscaping Requirements

### Landscape Adjacent to Street Right-of-Way:

(3 canopy, 3 understory per 100 l.f.)

Northwest  $\approx$  101' - 38' (Impervious) = 63'  
Trees Required: 2 Canopy, 2 Understory  
Trees Provided: 3 Canopy, 3 Understory

### Landscape Adjacent to Other Properties:

(4 canopy, 4 understory per 100 l.f.)

South  $\approx$  95'  
Trees Required: 4 Canopy, 4 Understory  
Trees Provided: 4 Canopy, 4 Understory

East  $\approx$  265'  
Trees Required: 11 Canopy, 11 Understory  
Trees Provided: 11 Canopy, 11 Understory

West  $\approx$  74'  
Trees Required: 3 Canopy, 3 Understory  
Trees Provided: 3 Canopy, 3 Understory

### NOTES:

1) Irrigation system to be a permanent system.

2) The irrigation plan shall be designed and installed to conform to this code.

3) All plant material shall be FL. Grade #1 and "Florida Friendly".

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Robert R. Buchanan LA0000932  
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CONSTRUCTION

Novel Construction, LLC  
Orlando, FL 32819

**Dynamics**  
LANDSCAPE ARCHITECTS AND PLANNERS, LLC

Landscaping Plan  
The View Deltona  
City of Deltona, Florida

## Plant List – Conway Apartments

CNT	SYM	BOTANICAL	COMMON	SPECIFICATIONS
Trees				
7	ED	Elaeocarpus decipiens	Japanese Blueberry	7' ht., 3' spr., 2.5" cal.
16	MC	Myrica cerifera	Wax Myrtle	7' ht., 3' spr., multi.
4	MGD	Magnolia grandiflora 'Bracken's Brown Beauty'	Bracken's Brown Beauty Magnolia	10' ht., 4' spr., 3" cal.
19	QV	Quercus virginiana	Live Oak	10' ht., 4' spr., 3" cal.
Shrubs & Groundcover				
166	IP	Illicium parviflorum	Yellow Anise	24-30" ht. x 18-24" spr., 36" o.c.
67	PM	Podocarpus macrophyllus	Podocarpus	3 gal., full, 24" o.c.
5	SR	Strelitzia reginae	Orange Bird of Paradise	7 gal., full, as shown
162	LC	Loropetalum chinense	Loropetalum	3 gal., full, 24" o.c.
588	TA	Trachelospermum asiaticum	Asiatic Jasmine	4" pot, 12" o.c.
Sod & Mulch				
	MULCH		Mini Pine Bark	3" depth
	SOD	Paspalum notatum	Bahia Sod	solid sod, weed free, count by contractor

### PLANT SYMBOLS

ED	○
MC	○*
MGD	■
QV	●
IP	○○
PM	○○○
SR	○○○○
LC	▨
TA	▨▨



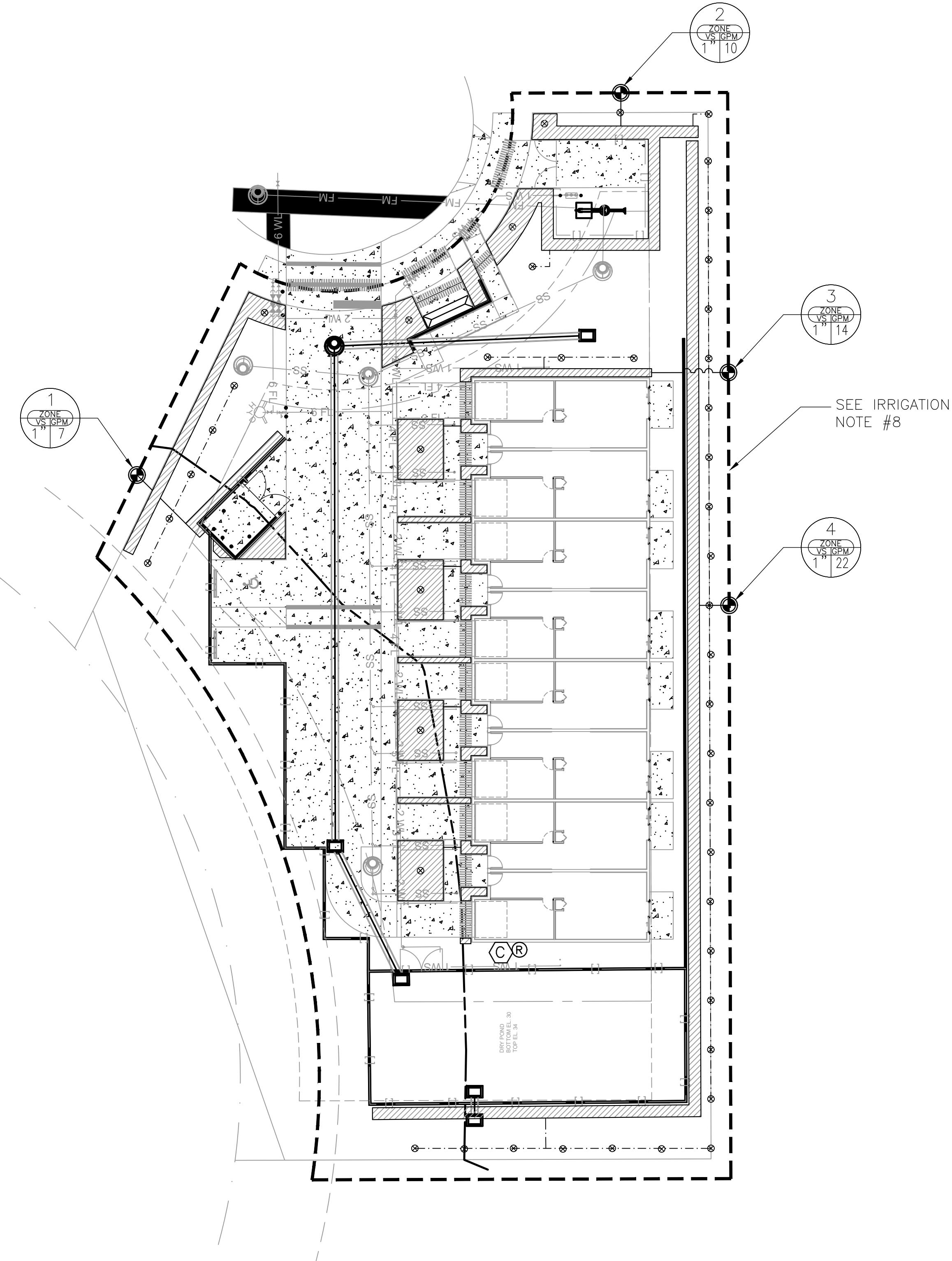
L100

Landscaping Plan  
The View Deltona  
City of Deltona, Florida

DATE: 12-20-21  
JOB #: 2021-029  
PERMIT #: PERMIT #  
DRAWN BY: SFB  
FILE NAME: LANDSCAPE  
SCALE: 1:20

REVISIONS  
1) 6/12/22 Comments  
2) 8/1/22 Base  
3) 4  
4) 5  
5) 6  
6) 7



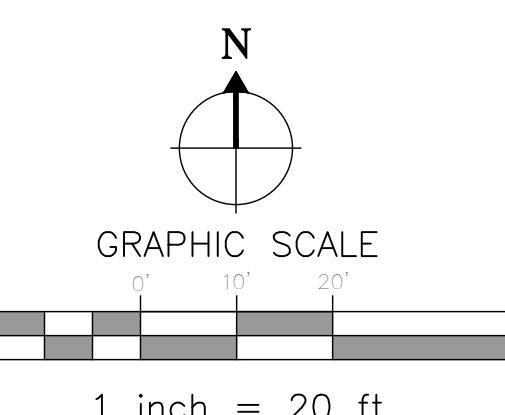


#### IRRIGATION SYMBOLS:

- RAINBIRD 1804-SAM-PRS (4" SPRAY) (PURPLE)
- RAINBIRD 1806-SAM-PRS (6" SPRAY) (PURPLE)
- RAINBIRD 1812-SAM-PRS (12" SPRAY) (PURPLE)
- ▲ RAINBIRD 1812-SAM-PRS (12" SPRAY ON RISER) (PURPLE)
- ⊗ XERI-BUBBLER ON 1/4" TUBING (PURPLE)
- ⊕ (2) XERI-BUBBLER Emitter ON 1/4" TUBING (PURPLE) (2 PER SHRUB - NOT SHOWN)
- RAINBIRD 3500 SERIES (ROTOR) (PURPLE)
- RAINBIRD 5500 SERIES (ROTOR) (PURPLE)
- PEB SERIES ELECTRIC REMOTE-CONTROL VALVE (PURPLE)
- CONTROL ZONE KIT WITH PRESSURE REGULATING BACKFLUSH FILTER (PURPLE)
- RAINBIRD ESP-MC PLASTIC WALL-MOUNT (CONTROLLER) (PURPLE)
- RAINBIRD RSD-CEx ROOF CONDUIT (RAIN SENSOR) (PURPLE)
- BACKFLOW PREVENTER
- 1" WATER METER (PURPLE)
- CLASS 200 PVC LATERAL LINE (PURPLE)
- CLASS 200 PVC LATERAL ROTOR LINE (PURPLE)
- POLYETHYLENE TUBING BUBBLER LINE (PURPLE)
- LANDSCAPE DRIPLINE TUBING (PURPLE)
- LANDSCAPE DRIP AREA (PURPLE)  
(TUBING AND EMITTERS 12" O.C.)
- 1½" PVC LATERAL MAINLINE (PURPLE)
- NOTE: (PIPE TO BE SIZED NOT TO EXCEED A VELOCITY OF 5 FPS / MAX. PSI LOSS IN ZONE LINES NOT TO EXCEED 10% OF OPERATING PSI)  
MINIMUM PIPE SIZE TO BE  $\frac{3}{4}$ "
- PVC SCH 40 SOLVENT WELD SLEEVE PIPE (SL) - SIZE TO BE DOUBLE THAT OF THE LATERAL LINE (PURPLE)
- ◆ POINT OF CONNECTION - PVC TO DRIP TUBING

#### GENERAL IRRIGATION NOTES:

- 1) REFER TO THE LANDSCAPE PLANS WHEN TRENCHING TO AVOID TREES AND SHRUBS. HAND DIG AROUND ANY EXISTING TREES. DO NOT CUT ANY ROOTS OVER 2" IN DIAMETER.
- 2) ALL MAINLINE PIPING SHALL BE BURIED TO A MINIMUM DEPTH OF 18" OF COVER. ALL LATERAL PIPING SHALL BE BURIED TO A MINIMUM DEPTH OF 12" OF COVER.
- 3) ALL POP-UP ROTORS AND SPRAYS SHALL BE INSTALLED USING A PVC SWING PIPE CONNECTION. DO NOT USE POLYETHYLENE PIPE.
- 4) ADJUST ALL NOZZLES TO REDUCE WATER WASTE ON HARD SURFACES & BLDG. WALLS. THROTTLE ALL VALVES ON SHRUB LINES AS REQUIRED TO PREVENT FOGGING. USE ADJUSTABLE NOZZLES WHERE REQUIRED TO AVOID ANY WATER ON BUILDING WINDOWS.
- 5) ALL CONTROL WIRE SPLICES SHALL BE MADE IN VALVE BOXES USING KING "ONE STEP" CONNECTORS AND SEALANT WITH WIRE NUTS.
- 6) THE CONTRACTOR SHALL PREPARE AN AS-BUILT DRAWING SHOWING ALL IRRIGATION INSTALLATION. CONTRACTOR SHALL NEATLY MARK IN RED INK ON THE BUILT PAPER A COPY OF THE ORIGINAL PLANS ANY INSTALLATION THAT DEVIATES FROM THE PLAN. THE AS-BUILT DRAWING SHALL ALSO LOCATE ALL MAINLINE AND VALVES BY SHOWING EXACT MEASUREMENTS FROM HARD SURFACES. MEASUREMENTS SHALL BE MARKED ON THE PLAN EVEN WHEN THE EQUIPMENT IS INSTALLED IN THE EXACT LOCATION AS THE PLAN.
- 7) ALL VALVES, GATE VALVES AND QUICK COUPLERS SHALL BE INSTALLED IN VALVE BOXES. THE VALVE BOXES SHALL BE PURPLE WHEN USING RED INK.
- 8) ANY PIPING SHOWN OUTSIDE THE PROPERTY LINE OR RUNNING OUTSIDE A LANDSCAPE AREA IS SHOWN THERE FOR CLARITY ONLY. ALL LINES SHALL BE INSTALLED ON THE PROPERTY AND INSIDE THE LANDSCAPE AREAS OR INSIDE A SCH. 40 SLEEVE.
- 9) THE EXACT HEIGHT OF ANY 12" POP-UP THAT IS SHOWN IN A SHRUB BED SHALL BE DETERMINED BY THE OWNER'S REPRESENTATIVE IN THE FIELD.
- 10) THE CONTRACTOR SHALL EXERCISE CARE SO AS NOT TO DAMAGE ANY EXISTING UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE IMMEDIATE REPAIRS AND COST OF ANY DAMAGE CAUSED BY THEIR WORK.
- 11) ALL WORK SHALL BE GUARANTEED FOR ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE AGAINST ALL DEFECTS IN EQUIPMENT AND WORKMANSHIP. (OR AS OUTLINED IN THE WRITTEN SPECIFICATIONS)
- 12) ELECTRICAL SERVICE TO LOCATION OF THE CONTROLLER, WELL OR PUMP SHALL BE PROVIDED TO A JUNCTION BOX OR DISCONNECT AT THE EQUIPMENT LOCATION BY THE ELECTRICAL CONTRACTOR OR BY OWNER WHEN IT IS NOT PART OF THE BID PACKAGE.
- 13) IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO SCALE THE PLAN AND EACH NOZZLE THERE TO DETERMINE THE CORRECT SPACING OF THE HEADS. THE CONTRACTOR SHALL NOT SPACE THE HEADS FURTHER APART OR USE LESS HEADS THAN SHOWN ON THE PLAN. ANY CHANGES TO THE HEAD SPACING OR LAYOUT, WITHOUT THE CONSENT OF THE LANDSCAPE ARCHITECT OR OWNER, SHALL HOLD THE IRRIGATION CONTRACTOR RESPONSIBLE FOR WARRANTY OF THE PLANTS AND OR SOIL IN THESE AREAS.
- 14) IRRIGATION SYSTEM DESIGN REQUIREMENTS: 60 GPM @ A MINIMUM OF 60 PSI AT EACH POINT OF CONNECTION. THE IRRIGATION CONTRACTOR SHALL NOTIFY THE AVAILABLE GPM AND PSI PRIOR TO INSTALLATION OF THE SYSTEM.
- 15) 48 HOURS BEFORE DIGGING, CALL 1-800-432-4770 (SUNSHINE STATE ONE CALL CENTER)



**Irrigation Plan**  
The View Deltona  
City of Deltona, Florida

**Landscapes**  
LANDSCAPE ARCHITECTS AND PLANNERS, LLC

**Landscapes**  
Hovel Construction, LLC  
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P.O. BOX 2852 - Winter Park, Florida 32790-2852 - Phone: 407-579-8111 - Email: randy@landscapedynamics.com

REVISIONS  
1) 6/12/22 Comments  
2) 8/1/22 Base  
3) 4) 5) 6) 7)

FILE NAME: IRRIGATION  
DRAWN BY: SBB  
PERMIT #: 4  
SCALE: 1:20  
IR100

