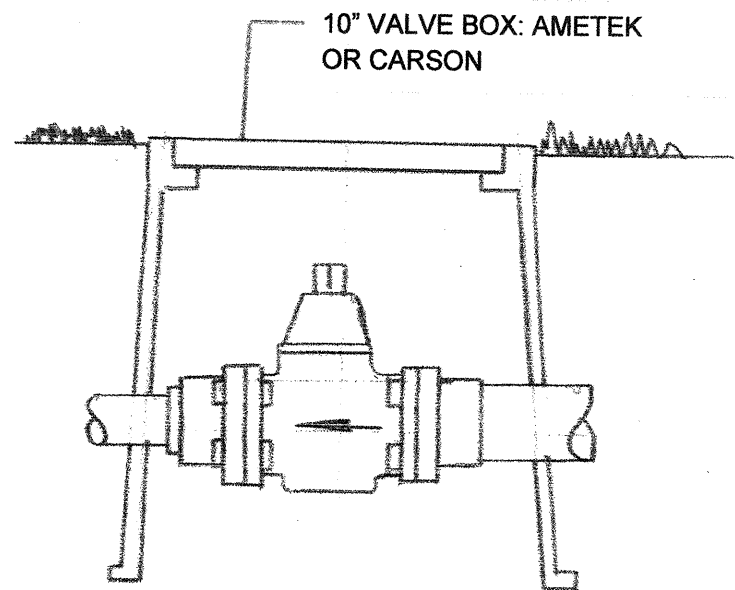
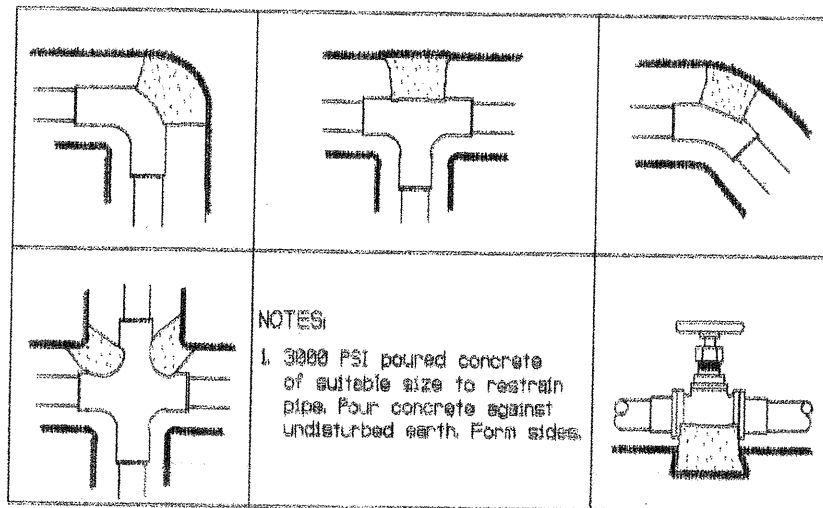


ZONE VALVE DETAIL
IRRITROL 100 OR TORO P-220

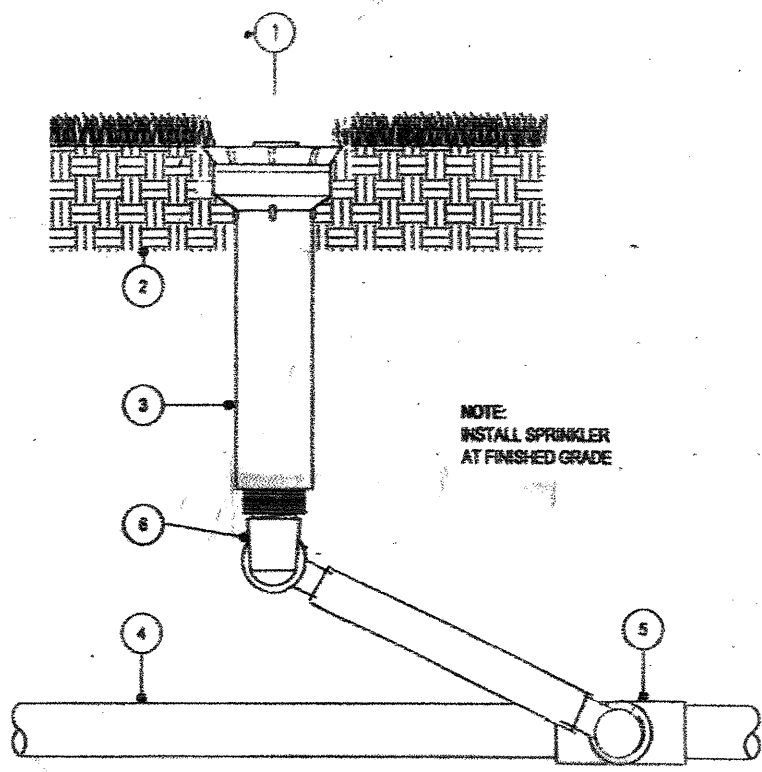


MAINLINE ISOLATION VALVE
FLANGED IRON BODY NON RISING STEM

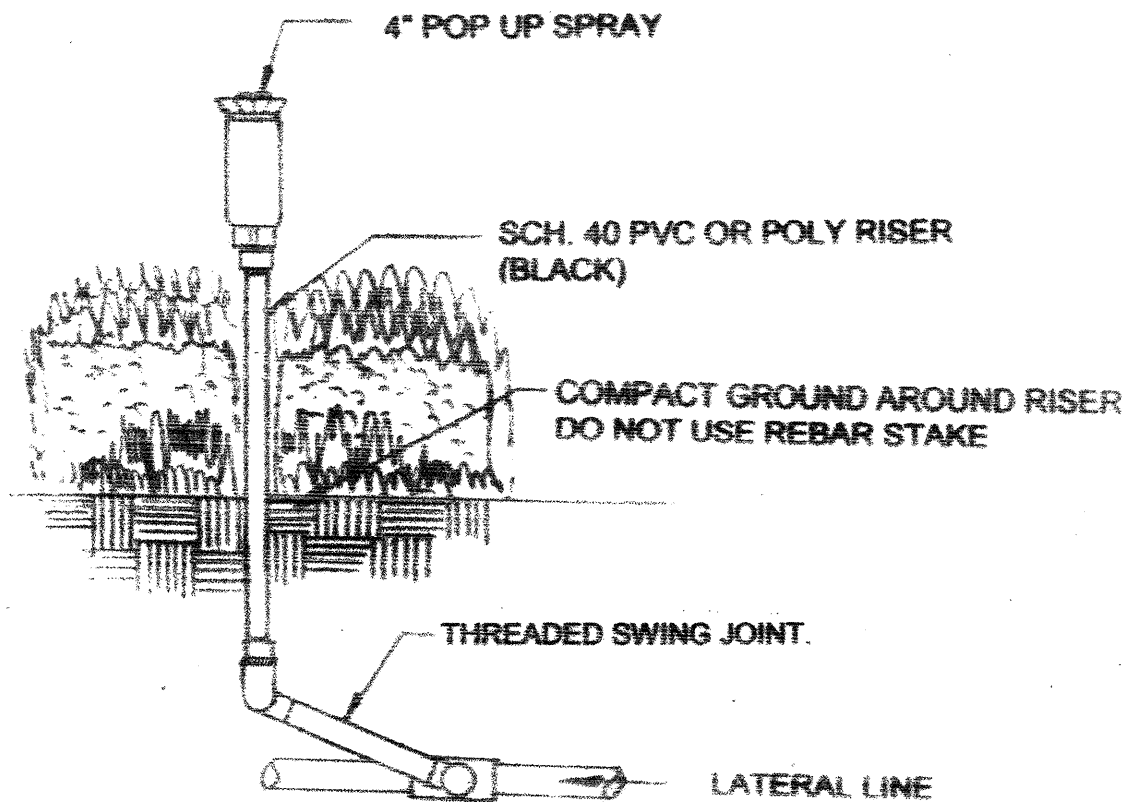


THRUST BLOCKS
WHERE REQ'D PER PLAN

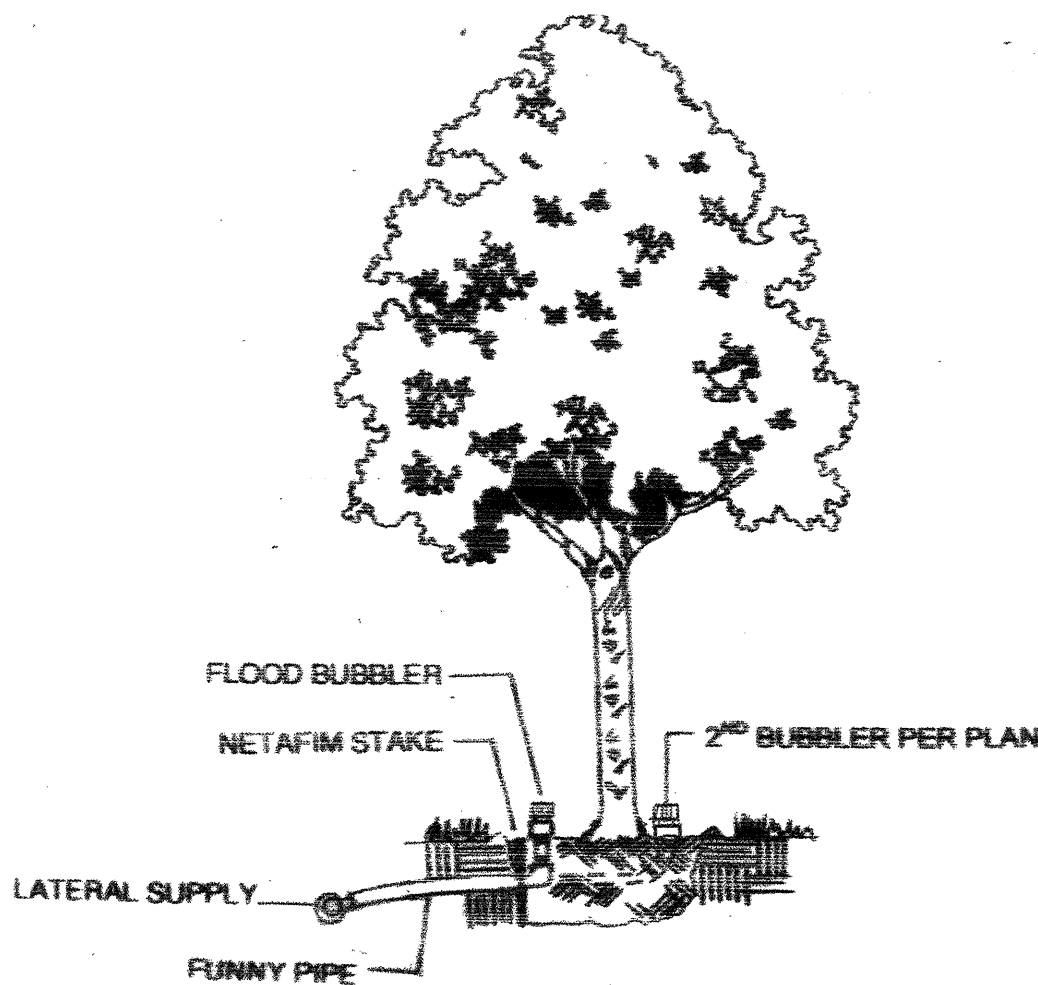
- LEGEND
1. MPR PLUG NOZZLE (SIZE PER PLAN)
 2. APPROVED BACKFILL
 3. 6" 1/2" POP UP SPRAY
 4. LATERAL PIPE
 5. LATERAL TEE
 6. FUNNY PIPE & FITTINGS



POP UP SPRAY OR ROTOR



SHRUB RISER SPRAY



FLOOD BUBBLER
QUANTITY PER TREE
PER PLAN

NOTES:

GENERAL:

THIS IS A MODIFICATION OF AN EXISTING SYSTEM. CONTRACTORS SHALL FAMILIARIZE THEMSELVES WITH THE EXISTING SYSTEM. ORIGINAL IRRIGATION PLANS SHOULD BE OBTAINED FROM THE DEVELOPER AND REFERENCED AGAINST THIS PLAN

PIPING:

MAINLINE: CLASS 200 PVC "O" RING WITH MEG-A-LUG FITTINGS X 24" DEEP.
ZONELINES: CLASS 200 & 160 X 12" DEEP, MIN.

SLEEVES: SCH. 40 PVC AS NOTED (24" DEEP UNDER PAVEMENT)

FITTINGS:

DUCTILE IRON MEG-A-LUG FOR MAINLINES. INSTALL JOINT RESTRAINTS FOR 3 PIPE LENGTHS FROM ALL CHANGES IN DIRECTION OF MAIN. IF A SOLVENT WELD FITTING IS REQUIRED WHERE A MEG-A-LUG CANNOT BE INSTALLED IT SHALL BE SCH. 80 PVC W/ CONCRETE THRUST BLOCK. SCH. 40 PVC FOR LATERAL LINES. FABRICATE WITH SQUARE CUT, DEBURRED AND FULLY ENGAGED JOINTS. USE PURPLE CLEANER & GREY MEDIUM BODY CEMENT.

CONTROL WIRING:

SINGLE STRAND SOLID COPPER IRRIGATION WIRE SIZED AND COLORED TO MATCH EXISTING WIRING. CONTRACTOR TO LOCATE EXISTING WIRING AND ROUTE AS REQUIRED FOR THE NEW VALVES. RUN ANY SPARES TO MATCH EXISTING WIRING. USE FULL SIZE MOISTURE PROOF CONNECTORS FOR ALL SPLICES. SPLICE ONLY IN VALVE OR A PULL BOX. LEAVE 24" OF COILED WIRE AT ALL CONNECTIONS. DO NOT USE MULTI STRAND WIRE. LABEL ALL WIRES AND SPLICES ON THE "AS INSTALLED"

BACKFILL ALL TRENCHES FREE OF DEBRIS. COMPACT TRENCHES TO ORIGINAL DENSITY. FLUSH ALL LINES. USE PROPER SCREENS IN ALL HEADS. ADJUST ALL HEADS AND SYSTEM FOR COMPLETE COVERAGE AVOIDING WATER ON WALLS, WALKS, ROAD/WAY, ETC..

PRESSURE TEST MAIN AT FULL PUMP SHUT OFF PRESSURE FOR 2 HOURS. OBSERVE ANY LEAKAGE AND REPAIR AS NECESSARY.

CONTRACTOR TO VERIFY ALL UNDERGROUND UTILITIES AS REQUIRED BY FLORIDA LAW.

INSTALLATION SHALL COMPLY TO THE FLORIDA BUILDING CODE, APPENDIX "F" AND LOCAL CODES AND REGULATIONS.

PROVIDE OWNER WITH AN ACCURATE "AS INSTALLED" PLAN AT COMPLETION SHOWING THE LOCATION OF NEW MAINS AND WIRING, MECHANICAL AND ELECTRICAL CONNECTIONS AND CAPPED OFF LINES. PROVIDE ALL LOCATIONS USING DIMENSIONS FROM 2 FIXED DATUMS

SYMBOLS - LEGENDS

- EXISTING 2-1/2" MAIN TO REMAIN
- EXISTING 4" MAIN TO REMAIN
- NEW 2-1/2" MAIN
- ABANDONED 2-1/2" MAIN
- NEW SLEEVES: SCH. 40 PVC AS NOTED
- NEW 2" ZONE VALVES PER DETAIL
- EXISTING 2" ZONE VALVES TO REMAIN
- NEW 2-1/2" ISOLATION VALVES PER DETAIL

SPRINKLER HEAD LEGEND

SYM.	TYPE	MODEL	QTY.
△	POP UP ROTORS	RAINBIRD #5006-PC-3.0	5
6" POP UP SPRAYS	RAINBIRD #1806-NOZZLE BELOW	67	
○		-12"H	
○		-12"T	
○		-12"Q	
○		-10"VAN	
○		-10"F	
○		-10"H	
○		-10"Q	
○		-5"H	
○		-5"Q	
○		-15"SST	
○		-15"EST	
○		-5"CST-B	
○		-5"QB	
○		-1402/ PA80	

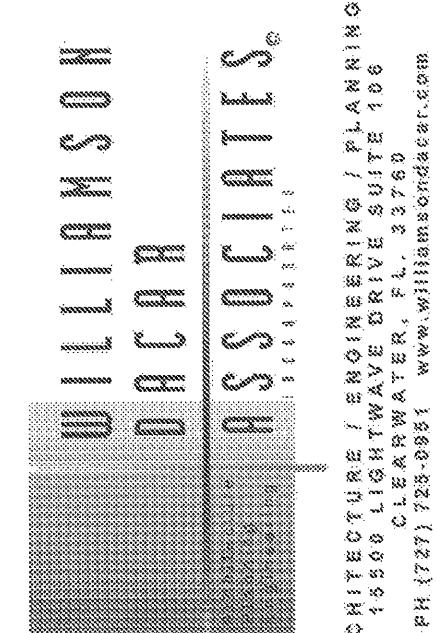
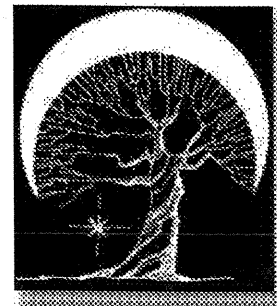
12" POP UP SPRAYS	RAINBIRD #1812-NOZZLE BELOW	31
○		-12"VAN
○		-12"H
○		-12"T
○		-12"Q
○		-10"H
○		-10"T
○		-10"Q
○		-5"Q
○		-15"SST
○		-15"EST

SHRUB SPRAYS	RAINBIRD #1804-NOZZLE BELOW	13
○		-12"F
○		-12"VAN
○		-12"H
○		-10"F
○		-10"H
○		-8"VAN
○		-15"SST
○		-15"EST

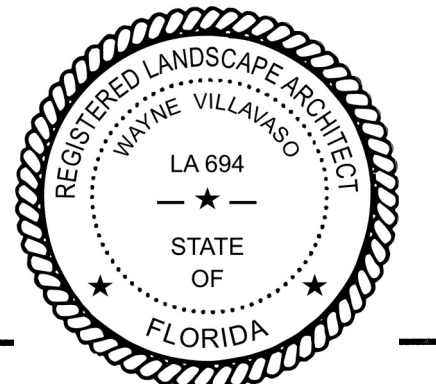
NOTES: USE PROPER SCREENS IN ALL HEADS.
IF EXISTING SPRINKLERS ARE TORO OR HUNTER THE COORESPONDING MODEL MAY BE SUBSTITUTED TO MATCH.

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Landscape Architect: WW 0000694



WELLINGTON GREEN PARCEL "F"
PHASE II RETAIL "H" MODIFICATION
PETITION NO. 16-18 (2016-08 ASA 53)

2545 SOUTH STATE ROAD 7
WELLINGTON, FLORIDA 33414

Revisions of Drawings

No.	Date	Revisions

Issues of Drawings

No.	Date	Issues

Phase:

Checked:

Drawn:

Drawing Title

IRRIGATION
DETAILS

WDA Proj. No.: 1528-01

Owner Proj. No.:

Scale: 1"=20'

Sheet No.

L6.0

No. of Sheets: