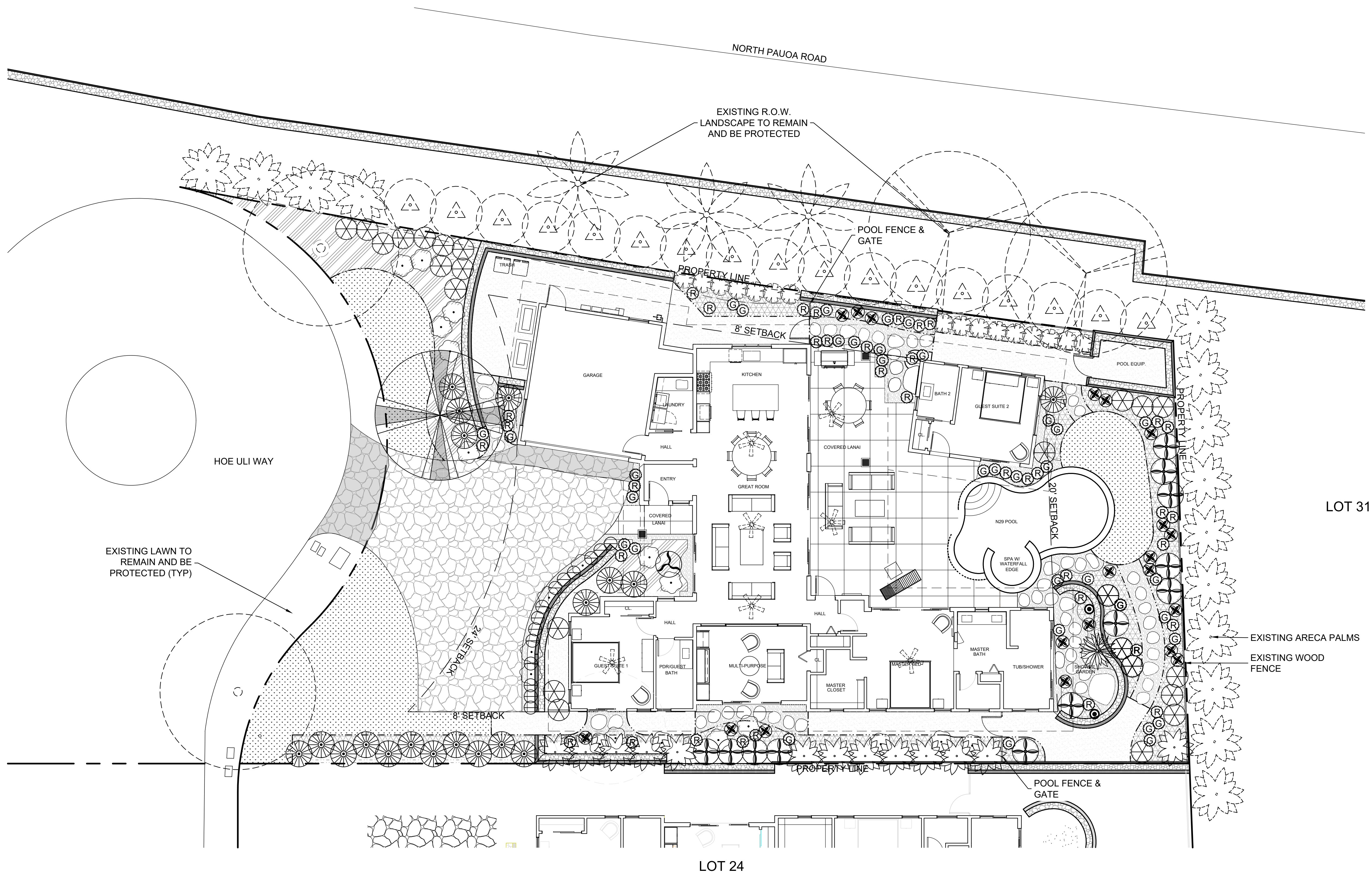
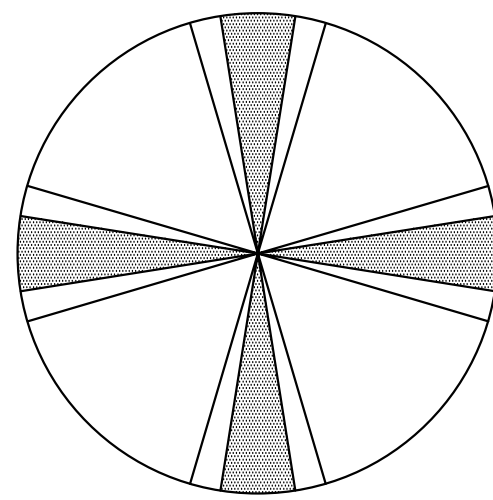




PLANTING LEGEND

TREES



Shower Tree - Yellow (Rainbow/Gold/White)
Cassia x Nealiae
25 gal - 7' Ht x 6' Spd Qty: 1
Mature Ht: 20' max (trimmed)

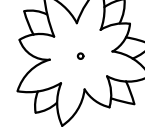


Dwarf Singapore Plumeria
Plumeria obtusa 'Dwarf'
25 gal, 5' HT. X 4' W Qty: 1
Mature Ht: 8'

PALMS

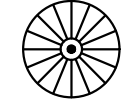


Cabadae Palm
Dypsis cabadae
25 gal, Multi-stalk, 10' ht Qty: 1
Mature Ht: 20'

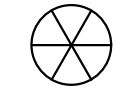


Areca Palm
Dypsis lutescens
10 gal, 8' Ht. Qty: 13
Mature Ht: 20'

SHRUBS



Red Ginger
Alpinia purpurata
3 gal, 2' Ht. Qty: 19
Mature Ht: 5'



Variegated Shell Ginger
Alpinia zerumbet 'Variegata'
3 gal, 2' Ht. Qty: 24
Mature Ht: ±5'



Green Ti Plant
Cordylone terminalis
Mix 1 & 3 gal, 2-4' ht. Qty: 35
Mature Ht: ±5'



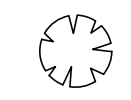
Red Ti Plant
Cordylone terminalis
Mix 1 & 3 gal, 2-4' ht. Qty: 37
Mature Ht: ±5'



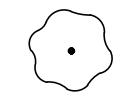
Red Caribaea Heliconia
Heliconia caribaea 'Richmond Red'
2-5 gal, 4' Ht. Qty: 12
Mature Ht: 6-8' (trimmed)



Parrot's Beak Heliconia
Heliconia psittacorum
1 gal, 2' Ht. Qty: 20
Mature Ht: ±4'



Dwarf Schefflera (variegated)
Schefflera
3 gal, 3' Ht. Qty: 16
Mature Ht: 6-8' (trimmed)



Croton 'Mammy'
Codiaeum variegatum 'Mammy'
3 gal - 2' Ht Qty: 20
Mature Ht: 2-3'

VINES



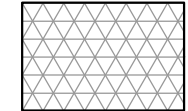
Stephanotis
Stephanotis floribunda - Train vine to wall
1 gal Qty: 2

GROUNDCOVERS

Quantity $\frac{15}{15}$ Plant species



Variegated Bougainvillea
Bougainvillea variegata 'Raspberry Ice'
1 Gal Qty: 14
Mature Ht: 30"



Regular Lauae Fern (not dwarf)
Phymatosorus grossus
4" pots 16" o.c. Qty: 325
Mature Ht: ±18"

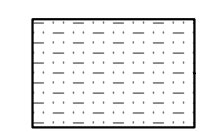


Wax Ficus
Ficus macrocarpa
1 gal 24" o.c. Qty: 80
Mature Ht: ±2.5'

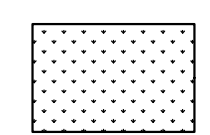
MATERIALS



5/8" Screened Basalt Chips
3" Depth Area: 1,002 sf



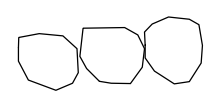
Bark Mulch - 1-3" dia., greenwaste mulch may be used if confirmed to be free of fire ants
3" Depth Area: 86 sf



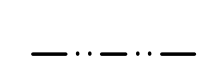
Lawn - El Toro Zoysia
Sprigged Area: 1,011 sf



Basalt pavers with mortar joints at driveway apron and garage door



1 1/2" thick x 24" random cut puka lava stepping stones concrete set. Install 1"-3" ili-ili on edges and between stones as shown



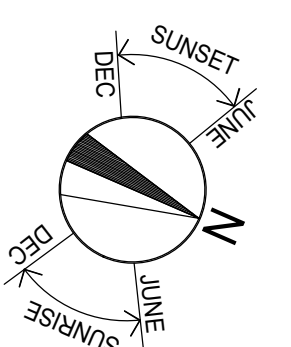
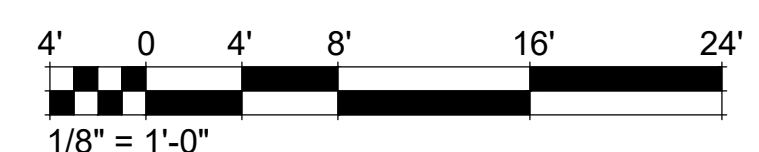
Header - 1"x6" Bend-a-Board
Qty: 400 lf

PLANTING NOTES:

CONTRACTOR SHALL INCLUDE THE PURCHASE AND INSTALLATION OF THE FOLLOWING PLANTS AS DIRECTED BY THE LANDSCAPE ARCHITECT.

- (200) 4" POTS
- (25) 1 GAL PLANTS
- (15) 2-3 GAL PLANTS
- (5) 5 GAL PLANTS

CONTRACTOR SHALL PROVIDE 1/2 CY SILICA SAND FOR TOP DRESSING OF LAWN AREAS TO FILL IN AND LEVEL LOW SPOTS PRIOR TO THE END OF THE MAINTENANCE PERIOD.



This work was prepared by me or under my supervision and construction of this project will be under my observation.



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PRIVATE RESIDENCE

LOT 23 - NOHEA AT MAUNA LANI

68-1001 HOE ULI WAY
KAMUELA, HI 96743

TMK: (3) 6-8-43:023

DRAWN BY: MS
CHECKED BY: MM
DATE: 12/20/2023
SCALE: 1/8" = 1'-0"

SHEET TITLE:

PLANTING PLAN

SHEET NUMBER:

L02



IRRIGATION LEGEND:

- FEBCO 825 Y, 1" BACKFLOW PREVENTER
- 1-1/4" MASTER VALVE (OPTIONAL)
- HUNTER HC-150-FLOW, 1-1/2" FLOW METER, INDEPENDENTLY HARD WIRED TO CONTROLLER (OPTIONAL)
- CONTROLLER - HUNTER HPC HPC-400 WITH 9 STATION EXPANSION KIT, PCM-900, OR EQUAL (2 WIRE) HYDRAWISE / WIFI CONTROLLER, COORDINATE FINAL LOCATION ADJACENT ELECT. RECEPTACLE ON BUILDING WALL.
- VALVES - HUNTER PGV 1" - 1-1/2" W/EZ-1, 2 WIRE DECODER SOLENOIDS (OR EQUAL), NO 3/4" SIZE.
- DRIP VALVES - HUNTER PGV-ASV 1" W/EZ-1, 2 WIRE DECODER SOLENOIDS AND ACCUSYNC-30 (OR EQUAL), 30PSI PRESSURE REGULATOR, NO FILTER REQUIRED.

PROPOSED MAINLINE: SCHEDULE 40 PVC PIPE WITH SCHEDULE 80 PVC FITTINGS 1-1/4" LINE SIZE, PROVIDE 18" (MIN.) COVER

(2) 3" SLEEVES, SCHEDULE 40 PVC AS SHOWN

(2) 4" SLEEVES, SCHEDULE 40 PVC AS SHOWN

POOL AUTOFILL

***NOTE FOR ALL SLEEVES:** PROVIDE, 12" MIN COVER AND EXTEND 12" MIN BEYOND PAVEMENT EDGES. TAPE ENDS TO PREVENT SOIL INTRUSION AND CAREFULLY AS-BUILT SLEEVE LOCATION AND DEPTH.

NOT SHOWN
LATERAL LINE: SCHEDULE 40 PVC PIPE W/ SCHEDULE 80 PVC SOLVENT-WELD FITTINGS; PROVIDE 12" (MIN.) COVER.

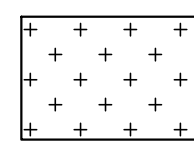
LATERAL LINE SIZE FLOW CHART
1-6 GPM - 3/4" PIPE
7-12 GPM - 1" PIPE
13-22 GPM - 1-1/4" PIPE
22-25 GPM - 1-1/2" PIPE

PEAK SYSTEM FLOW AT VALVES SHALL NOT EXCEED 25 GPM. USE SCH40 PVC PIPING FOR LATERALS

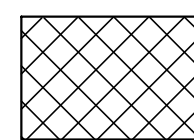
S1 CONTROLLER STATION NUMBER (S = SHRUBS, T = TREES)
1" VALVE SIZE

SMALL SHRUB BEDS (2'-6") - FLOOD/STREAM BUBBLER / SHORT RADIUS SYSTEMS
USE FLOOD / STREAM BUBBLERS OR 2' - 6" SHORT-RADIUS, MICRO SPRAY NOZZLES ON 6" POP-UPS, OR 12" RISERS @ 3'-6" SPACING.

LAWN
USE HUNTER PRS40 6" POP UPS WITH MP-1000 ROTATOR NOZZLES



LARGE SHRUB BEDS (6'-15' +) - SPRAY SYSTEMS
USE MEDIUM LOW TRAJECTORY SPRAY, OR MP ROTATOR NOZZLES ON RISERS. ADJACENT TO LAWN OR PAVING EDGES (HIGHLY VISIBLE); USE HUNTER (OR EQUAL) 12" PROS-PRS40-12-SI-CV POP-UPS WITH 6-8" RISER EXTENSIONS, SPACING AS REQ'D. SET HEADS 12" MIN AWAY FROM LAWN OR PAVING.
IN MIDDLE OF PLANTING MASSINGS; USE 18"-30" RISERS WITH 6"-12" POP-UPS (OR HUNTER PRS40 SHRUB ADAPTORS) ON TOP OF RISERS TO LIGHTLY CLEAR GROUND COVER MASSINGS. STAKE ALL RISERS AS DETAILED.
ADJACENT BUILDINGS OR WALLS (BACK OF SHRUB MASSING, NOT HIGHLY VISIBLE); USE 18"-30" RISERS WITH HUNTER PRS40 SHRUB ADAPTORS TO LIGHTLY CLEAR GROUND COVER MASSINGS. STAKE ALL RISERS. SET HEADS 12" MIN AWAY FROM WALLS AS DETAILED.



IN LINE DRIP SYSTEM
USE NETAFIM TLCV9-12 SURFACE DRIP LINE (OR EQUAL); SET LENGTHS ON GRADE IN PARALLEL ROWS 16" APART PROVIDING CONTINUOUS COVERAGE ACROSS ALL PROPOSED SHRUB/GROUND COVER PLANTING AREAS; TUBING MAY SIMPLY BE SET MEANDERING THROUGHOUT NARROWER PLANTERS AS REASONABLY EFFICIENT. PROVIDE COMPRESSION FITTINGS AND ADAPTORS PER MANUFACTURER'S SPECIFICATIONS; INSTALL #MDCFCAP FLUSH END CAP WITH ADAPTOR AT TERMINUS OF EACH DRIP LINE RUN; OR FARTHEST POINT ON LOOP FROM RCV WITHIN ROUND BOX AS DETAILED. STAKE TO GRADE WITH THE "U" METAL, STAKES AT 3' O.C., SPACING (MAX.); ALL DRIP LINES SHALL BE EVENLY AND NEATLY SPACED. MAINTAIN A 12" OFFSET FROM PERIMETER DRIP LINES AND ADJACENT HEADERS, EDGE OF PLANTER, PAVING, ETC.

GENERAL IRRIGATION NOTES:

THE IRRIGATION PLAN IS DIAGRAMMATIC AND SUBJECT TO BEING ADJUSTED IN THE FIELD BY THE CONTRACTOR TO ADAPT TO EXISTING SITE CONDITIONS. ALL MATERIALS AND METHODS OF INSTALLATION SHALL BE DONE TO TYPICAL HIGH-END RESIDENTIAL IRRIGATION STANDARDS. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE COMPLETE AND PROPER IRRIGATION COVERAGE TO ALL LANDSCAPE AREAS. ANY QUESTIONS SHOULD BE DIRECTED TO THE LANDSCAPE ARCHITECT IMMEDIATELY.

SHRUB SPRAY SYSTEMS SHALL BE COMPRISED OF 12" POP-UPS (AGAINST LAWN/PLANTING BOARDS) AND 18" STANDARD RISERS (WITHIN PLANTER OR ADJACENT HOUSE MAINTENANCE STRIPS) BASED ON LOCATION AND GROUND COVER TYPE SPECIFIED.

THE STATIC WATER PRESSURE MINIMUM IS CRITICAL TO THE LAYOUT AND DESIGN OF THE SYSTEM. ANY REDUCTION IN STATIC WATER PRESSURE BASED ON EXISTING CONDITIONS MAY REQUIRE ADDITIONAL VALVES AND CIRCUITING TO COMPENSATE FOR THE LOWER PRESSURE. NOTIFY THE LANDSCAPE ARCHITECT IMMEDIATELY IF THE EXISTING STATIC PRESSURE IS BELOW 60 PSI.

THE CONTRACTOR SHALL BE REQUIRED TO CREATE AN AS-BUILT PLAN OF THE "BACKBONE SYSTEM COMPONENTS" UPON COMPLETION. THE SUBMITTAL OF THIS PLAN IS REQUIRED FOR FINAL PROJECT ACCEPTANCE AND PAYMENT.

ALL MAINLINES TO HAVE A MINIMUM OF 18" OF COVER. (SCH40 PVC PIPE). ALL LATERALS AND SUB-MAIN PIPE TO HAVE A MINIMUM OF 12" OF COVER. (SCH 40 PVC PIPE).

ABSOLUTELY NO ROCKS OR OTHER EXTRANEEOUS MATERIALS TO BE USED IN BACKFILLING OF TRENCHES.

ALL PIPING SHALL BE PROPERLY SEATED AND COVERED WITH SHADING.

CONTRACTOR TO REFER TO LANDSCAPE PLAN TO KEEP SPRINKLER EQUIPMENT AND ACCESSORY MATERIAL FROM INTERFERING WITH PROPER PLANTING, I.E. VERIFY ROOT BALL SIZE FOR PLANTING.

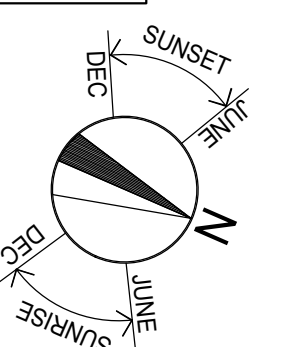
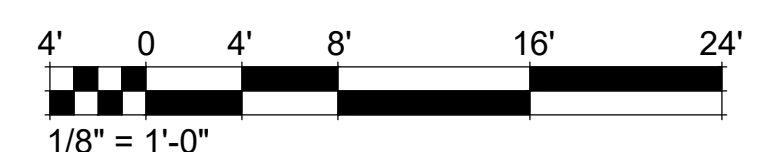
CONTRACTOR SHALL UTILIZE VALVE I.D. TAGS ON ALL REMOTE CONTROL VALVES. CONTRACTOR TO ADD EXTENSION RISER TO POP-UP HEADS WHEN NEEDED FOR PROPER COVERAGE.

CONTRACTOR SHALL INSTALL SPRINKLER EQUIPMENT 12" FROM FOUNDATIONS. ALSO INSTALL SPRINKLERS 4" FROM CURB OR WALKS.

CONTRACTOR TO ADD EXTENSION RISER TO POP-UP HEADS WHEN NEEDED FOR PROPER COVERAGE.

INSTALL BUILT-IN CHECK VALVE BODIES ANYWHERE LOW DRAINAGE MAY OCCUR.

INSTALL IN LINE CHECK VALVES WHERE LATERAL RUNS EXCEED 10' VERTICALLY.



This work was prepared by me or under my supervision and construction of this project will be under my observation.



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NO.	DATE	REVISION
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L03