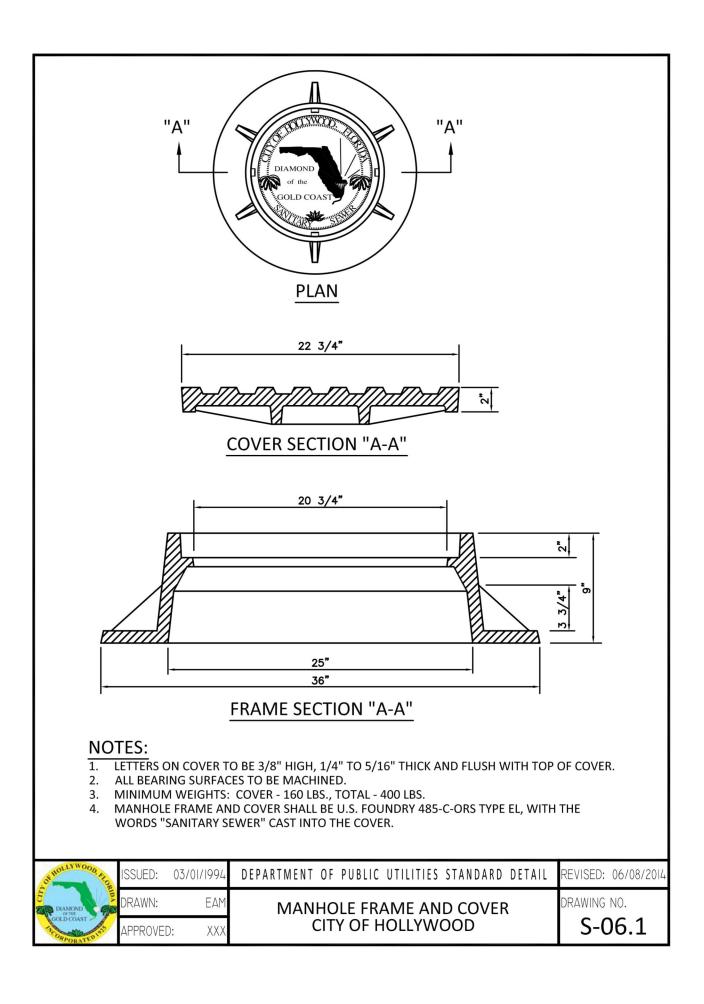
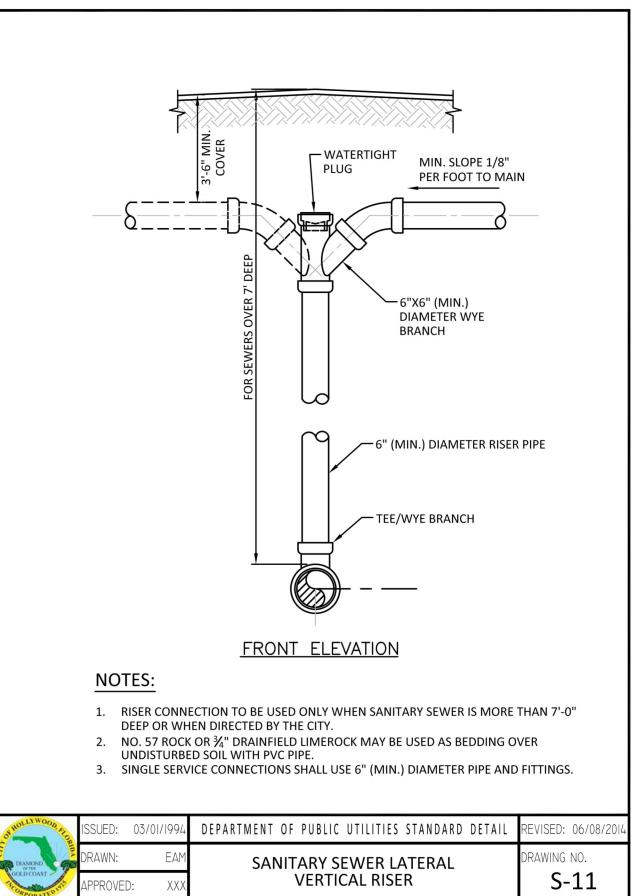
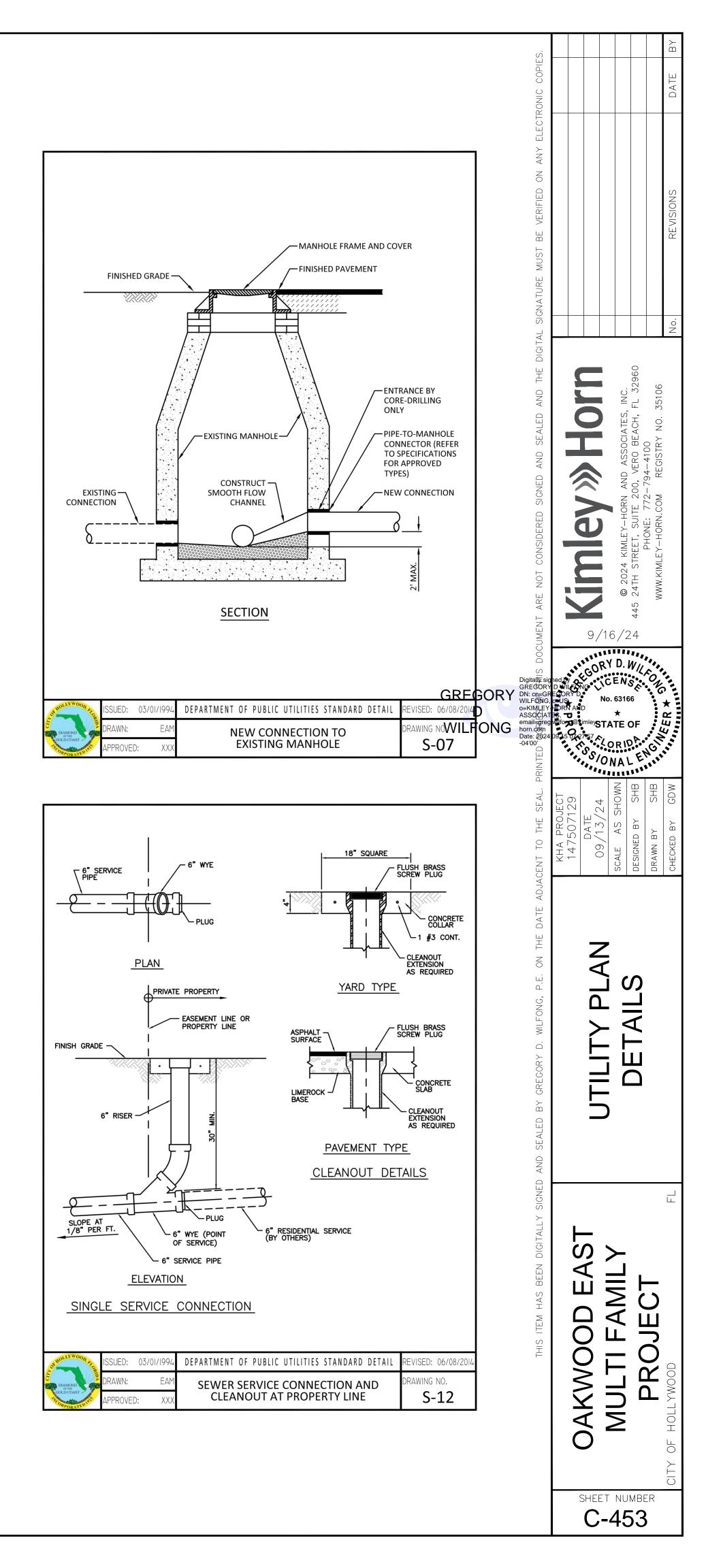


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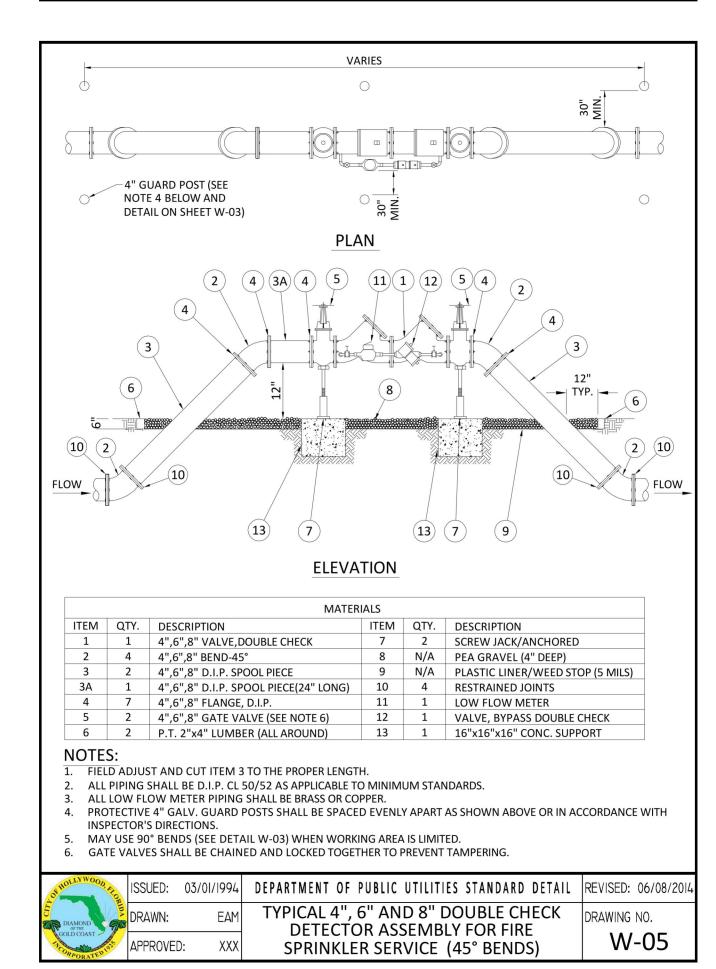




WATER SYSTEM NOTES:

- NEW OR RELOCATED UNDERGROUND WATER MAINS INCLUDED IN THIS PROJECT THAT WILL CROSS ANY EXISTING OR PROPOSED GRAVITY OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER WILL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES ABOVE THE OTHER PIPELINE OR AT LEAST 12 INCHES BELOW THE OTHER PIPELINE.
- NEW OR RELOCATED UNDERGROUND WATER MAINS INCLUDED IN THIS PROJECT THAT WILL CROSS ANY EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER, WASTEWATER OR STORM WATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER WILL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES ABOVE OR BELOW THE OTHER PIPELINE. [FAC 62-555.314(2); EXCEPTIONS ALLOWED UNDER FAC 62-555.314(5)].
- 3. AT ALL UTILITY CROSSINGS DESCRIBED ABOVE, ONE FULL LENGTH OF WATER MAIN PIPE WILL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE, OR THE PIPES WILL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM-TYPE SANITARY SEWERS, STORM SEWERS, STORM WATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY OR PRESSURE-TYPE SANITARY SEWERS, WASTEWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C. [FAC 62-555.314(2); EXCEPTIONS ALLOWED UNDER FAC 62-555.314(5)].
- 4. NEW UNDERGROUND WATER MAINS INCLUDED IN THIS PROJECT TO BE DUCTILE IRON PIPE (D.I.P.) WHEN CROSSING BELOW SANITARY SEWER MAINS.
- POLYETHYLENE ENCASEMENT MATERIAL SHALL BE USED TO ENCASE ALL BURIED DUCTILE IRON PIPE, FITTINGS, VALVES, RODS, AND APPURTENANCES IN ACCORDANCE WITH AWWA C105, METHOD A, THE POLYETHYLENE TUBING SHALL BE CUT TWO FEET LONGER THAN THE PIPE SECTION AND SHALL OVERLAP THE ENDS OF THE PIPE BY ONE FOOT. THE POLYETHYLENE TUBING SHALL BE GATHERED AND LAPPED TO PROVIDE A SNUG FIT AND SHALL BE SECURED AT QUARTER POINTS WITH POLYETHYLENE TAPE. EACH END OF THE POLYETHYLENE TUBING SHALL BE SECURED WITH A WRAP OF POLYETHYLENE TAPE.
- 6. THE POLYETHYLENE TUBING SHALL PREVENT CONTACT BETWEEN THE PIPE AND BEDDING MATERIAL, BUT IS NOT INTENDED TO BE A COMPLETELY AIRTIGHT AND WATERTIGHT ENCLOSURE. DAMAGED POLYETHYLENE TUBING SHALL BE REPAIRED IN A WORKMANLIKE MANNER USING POLYETHYLENE TAPE, OR THE DAMAGED SECTION SHALL BE REPLACED. POLY WRAP WILL NOT BE PAID FOR AS A SEPARATE BID ITEM. IT SHALL BE CONSIDERED TO BE A PART OF THE PRICE BID FOR WATER MAINS.
- 7. FIRE HYDRANT BARRELS SHALL BE ENCASED IN POLY WRAP UP TO THE GROUND SURFACE AND THE WEEP HOLES SHALL NOT BE COVERED BY THE POLY WRAP.
- GATE VALVES FOR USE WITH PIPE LESS THAN THREE INCHES (3") IN DIAMETER SHALL BE RATED FOR TWO HUNDRED (200) PSI WORKING PRESSURE, NON-SHOCK, BLOCK PATTERN, SCREWED BONNET, NON-RISING STEM, BRASS BODY, AND SOLID WEDGE. THEY SHALL BE STANDARD THREADED FOR PVC PIPE AND HAVE A MALLEABLE IRON HANDWHEEL. GATE VALVES 3" THROUGH 16" IN DIAMETER SHALL BE RESILIENT SEAT AND BIDIRECTIONAL FLOW ONLY. VALVES FOR SPECIAL APPLICATIONS WILL REQUIRE CITY UTILITY APPROVAL.
- 9. VALVE BOXES AND COVERS FOR ALL SIZE VALVES SHALL BE OF CAST IRON CONSTRUCTION AND ADJUSTABLE SCREW-ON TYPE. THE LID SHALL HAVE CAST IN THE METAL THE WORD "WATER" FOR THE WATER LINES. ALL VALVE BOXES SHALL BE SIX INCH (6") NOMINAL DIAMETER AND SHALL BE SUITABLE FOR DEPTHS OF THE PARTICULAR VALVE. THE STEM OF THE BURIED VALVE SHALL BE WITHIN TWENTY-FOUR INCHES (24") OF THE FINISHED GRADE UNLESS OTHERWISE APPROVED BY THE CITY.
- 10. ALL WATER MAIN INSTALLATIONS SHALL COMPLY WITH THE COLOR CODING REQUIREMENTS OF CHAPTER 62-555.320 F.A.C.

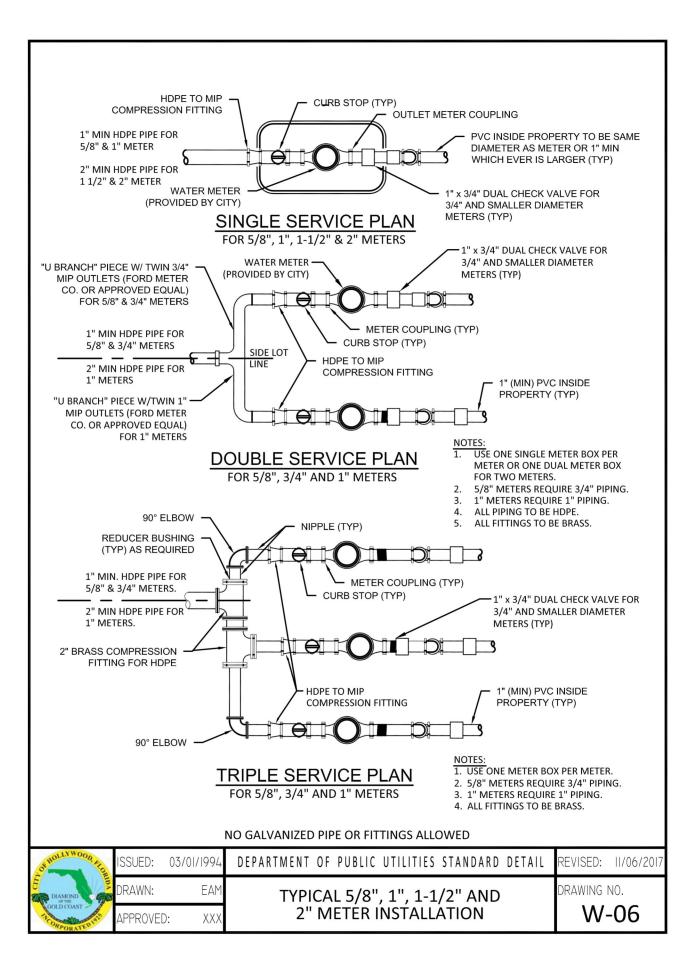
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WATER SYSTEM NOTES (CONTINUED):

- 62-555.320 F.A.C.
- 12. ALL PVC PIPE SHALL CONFORM TO THE REQUIREMENTS OF ANSI/AWWA C900 LATEST REVISION AND CLASS DR 18. ALL DIP WATER MAINS SHALL BE DUCTILE IRON PRESSURE CLASS 350. WITH WALL THICKNESS COMPLYING WITH CLASS 52. ALL DUCTILE IRON PIPE SHALL CONFORM TO THE REQUIREMENTS OF ANSI/AWWA C151/A21.51-02 AND BE CEMENT LINED AND SEAL COATED PER ANSI/AWWA C104/A21.4-03.
- 13. FITTINGS SHALL BE DUCTILE IRON, MEETING ANSI/AWWA C153/A21.53-00 SPECIFICATIONS, WITH 350 PSI MINIMUM WORKING PRESSURE. FITTINGS MUST BE CEMENT LINED AND SEAL COATED PER ANSI/AWWA C104/A21.4-03. ALL DUCTILE IRON PIPE AND FITTINGS MUST BE MANUFACTURED IN THE UNITED STATES OF AMERICA.
- 14. ALL DUCTILE IRON PIPE TO BE MECHANICAL JOINTS, WRAPPED IN POLY. ADEQUATE PROTECTIVE MEASURES AGAINST CORROSION SHALL BE USED AS DETERMINED BY DESIGN.
- 15. PAVEMENT RESTORATION SHALL BE CARRIED OUT IN ACCORDANCE WITH THE REQUIREMENTS OF THE CITY.
- 16. ALL TRENCHING, PIPE LAYING, BACKFILL, PRESSURE TESTING, AND DISINFECTING MUST COMPLY WITH THE CITY OF HOLLYWOOD SPECIFICATIONS.
- 17. THE MINIMUM DEPTH OF COVER OVER WATER MAINS IS 30" (DIP) OR 36" (PVC).
- (MAXIMUM) WHERE DEFLECTION IS REQUIRED.
- 20. CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING CONFLICTS WITH WATER MAINS PLACED AT MINIMUM COVER. IN CASE OF CONFLICT, WATER MAIN SHALL BE LOWERED TO PASS UNDER CONFLICTS WITH 18" MINIMUM VERTICAL SEPARATION. NO ADDITIONAL PAYMENT SHALL BE DUE TO CONTRACTOR FOR LOWERING THE MAIN OR THE ADDITIONAL FITTINGS USED THEREON.
- MEGALUG OR APPROVED EQUAL. JOINT RESTRAINTS SHALL BE PROVIDED AT A MINIMUM OF THREE JOINTS (60 FEET) FROM ANY FITTING.
- 22. WHENEVER IT IS NECESSARY, IN THE INTEREST OF SAFETY, TO BRACE THE SIDES OF A TRENCH. THE CONTRACTOR SHALL FURNISH, PUT IN PLACE AND MAINTAIN SUCH SHEETING OR BRACING AS MAY BE NECESSARY TO SUPPORT THE SIDES OF THE EXCAVATION TO ENSURE PERSONNEL SAFETY, AND TO PREVENT MOVEMENT WHICH CAN IN ANY WAY DAMAGE THE WORK OR ENDANGER ADJACENT STRUCTURES. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE SEQUENCE, METHODS AND MEANS OF CONSTRUCTION, AND FOR THE IMPLEMENTATION OF ALL OSHA AND OTHER SAFETY REQUIREMENTS.

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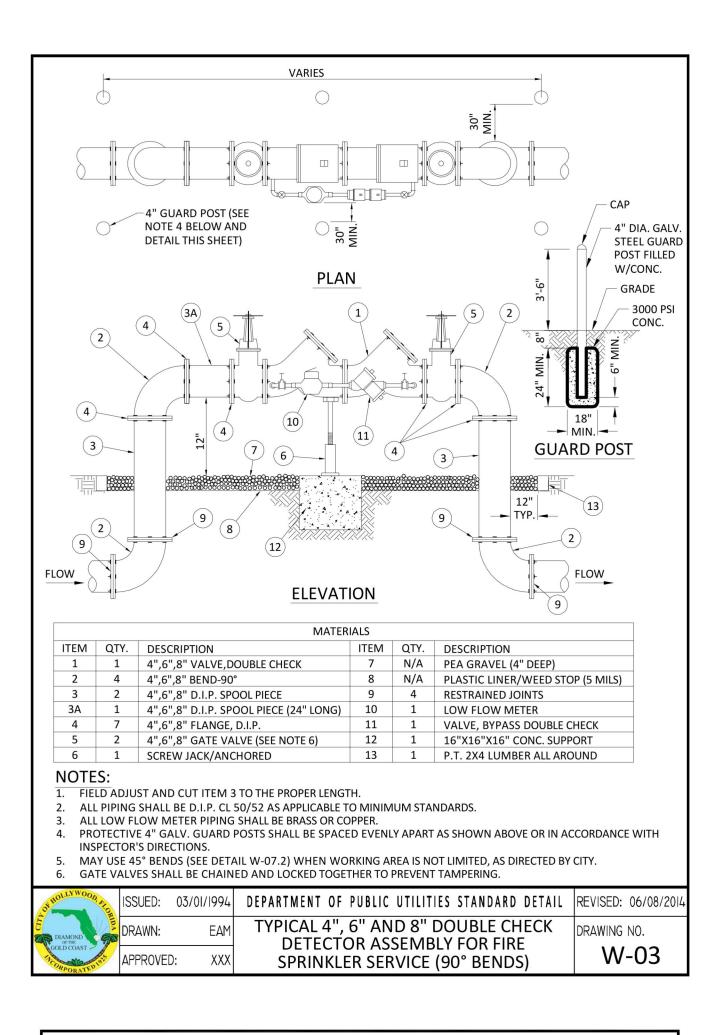




11. ALL WATER MAIN INSTALLATIONS SHALL COMPLY WITH THE COLOR CODING REQUIREMENTS OF CHAPTER

- 18. MINIMUM HORIZONTAL SEPARATION BETWEEN STORM STRUCTURES AND WATER MAINS SHALL BE 3'. 19. MAXIMUM DEFLECTION PER EACH JOINT SHALL BE 50% OF MANUFACTURES RECOMMENDATION
- 21. PIPE JOINT RESTRAINT SHALL BE PROVIDED BY THE USE OF DUCTILE IRON FOLLOWER GLANDS MANUFACTURED TO ASTM A 536-80. TWIST-OFF NUTS SHALL BE USED TO ENSURE PROPER ACTUATING OF THE RESTRAINING DEVICES. THE MECHANICAL JOINT RESTRAINING DEVICES SHALL HAVE A WORKING PRESSURE OF 250 PSI MINIMUM, WITH A MINIMUM SAFETY FACTOR OF 2:1, AND SHALL BE EBAA IRON INC.,

MENT OF PUBLIC UTILITIES STANDARD DETAIL	REVISED: 06/08/20
WATER SYSTEM NOTES	DRAWING NO. W-02

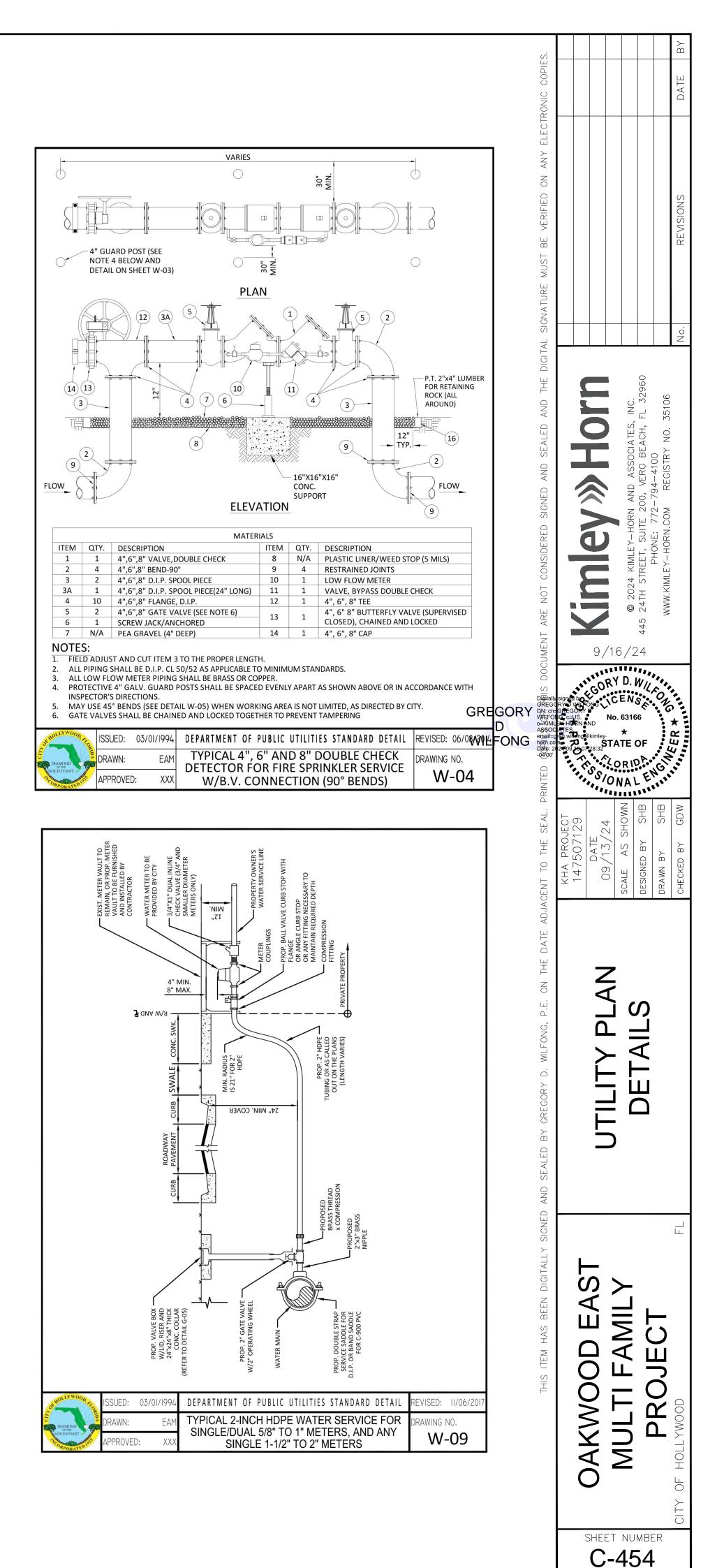


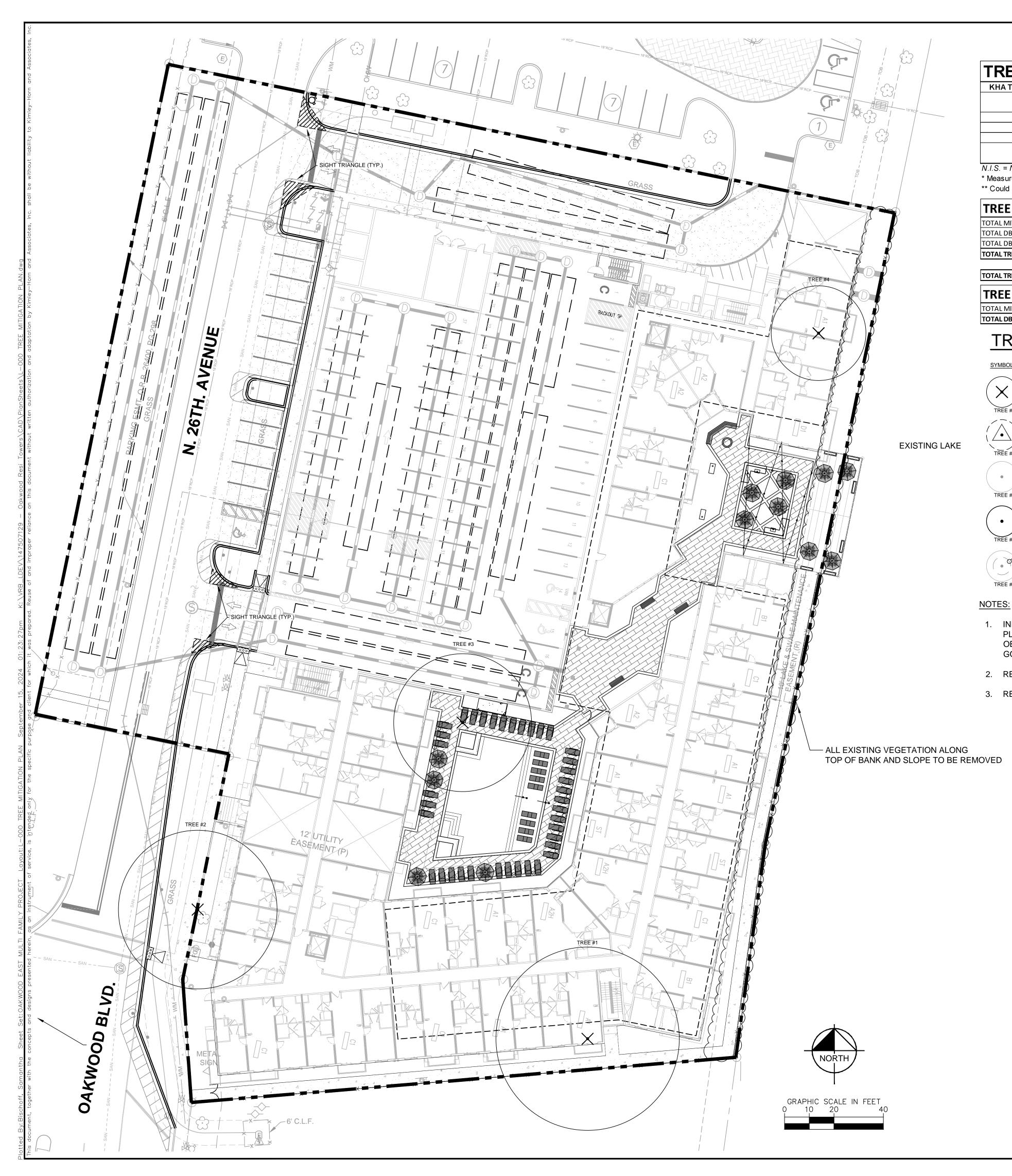
WATER METER SERVICE NOTES:

DIAMETER METERS.

- SUCCESSIVE TAPS INTO THE WATER MAIN SHALL BE SPACED NOT LESS THAN 18" ON CENTER. P.E. TUBING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF AWWA STANDARD C901. "POLYETHYLENE (PE) PRESSURE PIPE AND TUBING, 1/2 IN. (13mm) THROUGH 3 IN. (76 mm), FOR WATER SERVICE".
- MINIMUM SERVICE PIPE DIAMETER SHALL BE 1" FOR SINGLE OR DUAL 🕺" OR SINGLE 1"
- MINIMUM SERVICE PIPE DIAMETER SHALL BE 2" FOR SINGLE OR DUAL 1-¹/₂" OR SINGLE 2"
- DIAMETER METERS. FOR METER DIAMETERS LARGER THAN 2", THE MINIMUM SERVICE PIPE DIAMETER SHALL BE THE SAME AS THE METER DIAMETER.
- APPROVED COPPER TUBING MAY BE USED AT THE CITY'S DISCRETION. 6.
- FOR NEW METER INSTALLATIONS, ALL SADDLES, VALVES, PIPING, FITTINGS, CURB STOPS, METER VALVES, METER COUPLINGS, METER VAULTS AND COVERS SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR. THE WATER METERS WILL BE PROVIDED AND INSTALLED BY THE CITY OF HOLLYWOOD (NEW ACCOUNTS).
- FOR METER RELOCATIONS, ALL SADDLES, VALVES, PIPING, FITTINGS, CURB STOPS, METER VALVES, METER COUPLINGS, METER VAULTS AND COVERS SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR. THE EXISTING WATER METER TO BE RELOCATED AND INSTALLED BY CONTRACTOR
- FOR EXISTING METERS ABUTTING THE RIGHT-OF-WAY THAT ARE BEING DISCONNECTED FROM EXISTING MAINS AND RECONNECTED TO NEW MAINS, THE CONTRACTOR SHALL:
- a. CUT AND PLUG THE EXISTING SERVICE LINE AT THE MAIN AND AT THE METER, AND REMOVE THE EXISTING BALL VALVE CURB STOP.
- b. FURNISH AND INSTALL SERVICE SADDLE, CORPORATION STOP OR SERVICE VALVE AND VALVE BOX, PIPING AND FITTINGS UP TO AND INCLUDING THE BALL VALVE CURB STOP.
- THE ELEVATION AT THE TOP OF THE METER BOX SHALL MATCH THE ELEVATION OF THE BACK OF 12. SIDEWALK, WHENEVER PRACTICAL.
- AS PART OF THE SERVICE INSTALLATION, THE CONTRACTOR SHALL RESTORE THE RIGHT-OF-WAY 13. TO MATCH EXISTING CONDITIONS, INCLUDING ROADWAY PAVEMENT, PAVEMENT MARKINGS AND RPMs, CONCRETE CURBS, SIDEWALKS, RAMPS (INCLUDING DETECTABLE WARNING SURFACE), SODDING, AND ALL OTHER IMPROVEMENTS REMOVED OR DAMAGED DURING THE SERVICE INSTALLATION.
- 14. FOR UNPAVED AREAS, THE MINIMUM GROUND COVER ACCEPTED BY THE CITY IS SODDING.

OF HOLLYWOOD AL	ISSUED:	03/01/1994	DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL	REVISED: 11/06/2017
Diamond	DRAWN:	EAM	WATER METER SERVICE NOTES FOR	DRAWING NO.
GOLD COAST	APPROVEI	D: XXX	5/8" THROUGH 2" METERS	W-07





TREE DISPOSITION and MI SCIENTIFIC NAME KHA TREE NO. COMN Austra Casuarina equisetifolia (Mul Quercus virginiana 2 Casuarina equisetifolia 3 Austra Schinus terebinthifolia Braziliar 4 N.I.S. = Not in Scope * Measurements based on Google Earth imagery 09/12/24 & site observations 09/12/24 ** Could not access trunk to record measurement TREE TRUST FUND CALCULATIONS TOTAL MITIGATION REQUIRED (DBH IN INCHES) TOTAL DBH PROVIDED TOTAL DBH DELTA TOTAL TREE REPLACEMENT TREE DEFICIT (12 FT' HT. x 2" DBH): TOTAL TREE TRUST FUND CONTRIBUTION (TREE DEIFICIT x \$350) TREE MITIGATION CALCULATIONS TOTAL MITIGATION REQUIRED (DBH IN INCHES) TOTAL DBH PROVIDED (IN INCHES) TREE DISPOSITION GRAPHIC LEGEND <u>SYMBOL</u> DESCRIPTION SYMBOL DESCRIPTION \times TREE TO BE REMOVED X PALM TO BE REMOVED PALM # TREE TO BE RELOCATED PALM TO BE RELOCATED ./•\ $\sim \sim'$ TREE # PALM

1. INFORMATION UTILIZED IN PREPARATION OF TREE DISPOSITION PLANS ASCERTAINED ARE FROM AND RELIANT UPON SITE OBSERVATIONS (LOCATION AND SPECIES IDENTIFICATION), AND 2024 GOOGLE IMAGERY (+/- CANOPY DIAMETER).

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PALM #

2. REFER TO SHEET L-100 FOR LANDSCAPE PLAN.

EXISTING TREE NOT IN SCOPE

TREE TO REMAIN

— APPROXIMATE LIMITS OF CRITICAL ROOT ZONE PER ARBORIST REPORT.

•

TREE #

•

TREE #

3. REFER TO SHEET L-300 FOR HARDSCAPE PLAN.

IITIGA	TION L	_IST				
MON NAME	DBH (In.)	SPREAD(ft)	Height (Ft)	Condition	DISPOSITION	MITIGATION
tralian Pine* lulti-Trunk)	70	75	90	N/A	Remove	Invasive
ive Oak*	34	64	36	N/A	Remove	68
tralian Pine*	56	68	90	N/A	Remove	Invasive
an Peppertree	**	38	25	N/A	Remove	Invasive
					TOTAL DBH REMOVED (IN.)	68

(0 68 34	
	·	
\$	11,900.0	0
 \$	11,900.0	0

TREE PROTECTION FENCE

PALM TO REMAIN

					DATE BY
					DA
DISPOSITION	MITIGATION				
Remove	Invasive 68				
Remove	Invasive				
Remove TOTAL DBH	Invasive 68				SNC
REMOVED (IN.)		THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY BENJAMIN V. JOHNSON, PLA ON THE DATE ADJACENT TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.	Kimley »Horn	© 2024 KIMLEY-HORN AND ASSOCIATES, INC. 445 24TH STREET, SUITE 200, VERO BEACH, FL 32960 PHONE: 772-794-4100 WWW.KIMLEY-HORN.COM REGISTRY NO. 35106	
		THIS ITEM HAS BEEN DIGITALLY SIGNED SEAL. PRINTED COPIES OF THIS DOCUMENT AI VERIFIED ON ANY ELECTRONIC COPIES.	KHA PROJECT BE 11/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1	SCALE AS SHOWN DESIGNED BY SHB STATE OF DRAWN BY SHB STATE OF DRAWN BY SHB STATE OF	$\langle \cdot \rangle$
			TREE MITIGATION	PLAN	
ANTICIPATE BID SHALL II ADDRESSIN	d utilities located a	CONTRACTOR'S ION FOR	OAKWOOD EAST MULTI FAMILY PROJECT	ARED FOR MCO	HOLLYWOOD FLORIDA
Sunshi		lcom		NUMBER	

TREE REMOVAL AND TREE TO REMAIN PRUNING SPECIFICATIONS

PART 1 - DEFINITIONS

- A. Natural Resource Existing trees or palms. B. Critical Root Zone - The minimum volume of roots necessary to have for tree health and stability.
- C. DBH Diameter Breast High Indicates the location on the trunk, approximately 4.5' above ground, to measure the diameter of a tree.
- D. Preserved Trees Trees that are to be saved/remain in place.
- E. Owner's Representative A representative, hired and paid for by the owner, that supervises
- the construction of the procedures shown on the tree disposition plans. F. Tree Protection Zone (TPZ) - The area surrounding a tree defined by a specified distance, which excavation and other construction related activities should be avoided. The TPZ is variable depending on species,
- factors, age and health of the plant, soil conditions, and proposed construction.
- G. Contractor's Certified Arborist an independent ISA Certified Arborist, hired and paid for by
- the contractor, that supervises the construction of the procedures shown on the tree disposition plans.

PART 2 - TREE BARRIER

- A. Tree Protector Barrier Material.
 - 1. Six (6) foot tall wire mesh construction fence supported by eight (8) foot tall metal T-Bar Posts and Post Caps. 2. The tree protector barrier shall have a two (2) foot by two (2) foot "tree protection zone" sign affixed to the fence every
 - twenty (20) feet placed in such a manner to be clearly visible to the construction workers. The sign must be made up of weather resistant material.
 - 3. The eight (8) foot tall metal T-Bar Post and Post Cap shall be placed a maximum of six (6) foot intervals.

PART 3 - EXECUTION

- A. If hazards are determined by qualified certified arborist in an individual tree then those hazards can be mitigated
 - according to the specifications given by the Qualified Certified Arborist. 1. The tree disposition list. This item is to be coordinated by the Qualified Certified Arborist
 - with the Owner's Representative.
 - 2. All pruning shall be done in accordance with ANSI A300 (Part 1) Pruning and best management practices. 3. The Contractor's Certified Arborist shall be present during all pruning operations.
- B. Root Pruning Refer to Arborist Report
 1. Trenching locations shall be approved in the field by the Owner's Representative and the Contractor's Certified Arborist.
 - 2. All roots shall be cut by hand. 3. The trench shall be backfilled minus debris and large rocks, as directed by the Contractor's Certified Arborist.
 - 4. Phased root pruning timeframes vary by species. Contractor's certified arborist shall direct
- pruning schedule.
- C. Tree Protector Barrier See detail in this sheet.
 - 2. Tree Protector Barrier shall be placed by the Contractor around each tree to remain as directed by the Contractor's Certified Arborist.

D. Tree Removals

- 1. Contractor shall remove and discard all trees shown as "Remove" on the Tree Disposition Plan and the Tree Disposition List.
- Tree stump shall be ground below grade. Care shall be taken to not damage the existing trees marked to remain and their critical root zones shall not be compacted by equipment.
- 2. If Tree Protector Barrier is damaged, repair shall be performed immediately.
- 3. Contractor shall remove and haul away from the job site all wood generated from tree removals, including stumps, the same day the removal happens. 4. Burn pits are not allowed.

PART 4 - PENALTIES

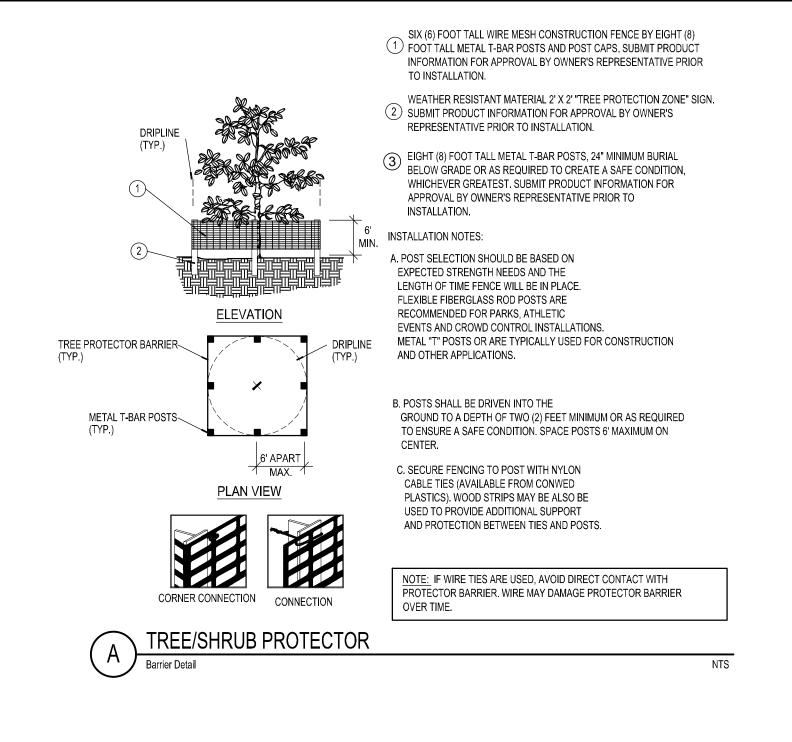
- A. Repair of Damaged Trees To Remain
 - 1. If any damage to trees to remain or other natural resources should occur by accident or negligence during the construction period, shall be immediately inspected by Qualified Certified Arborist who shall determine the prescription of care at the Contractor's expense.

PART 5 - TREE PROTECTION

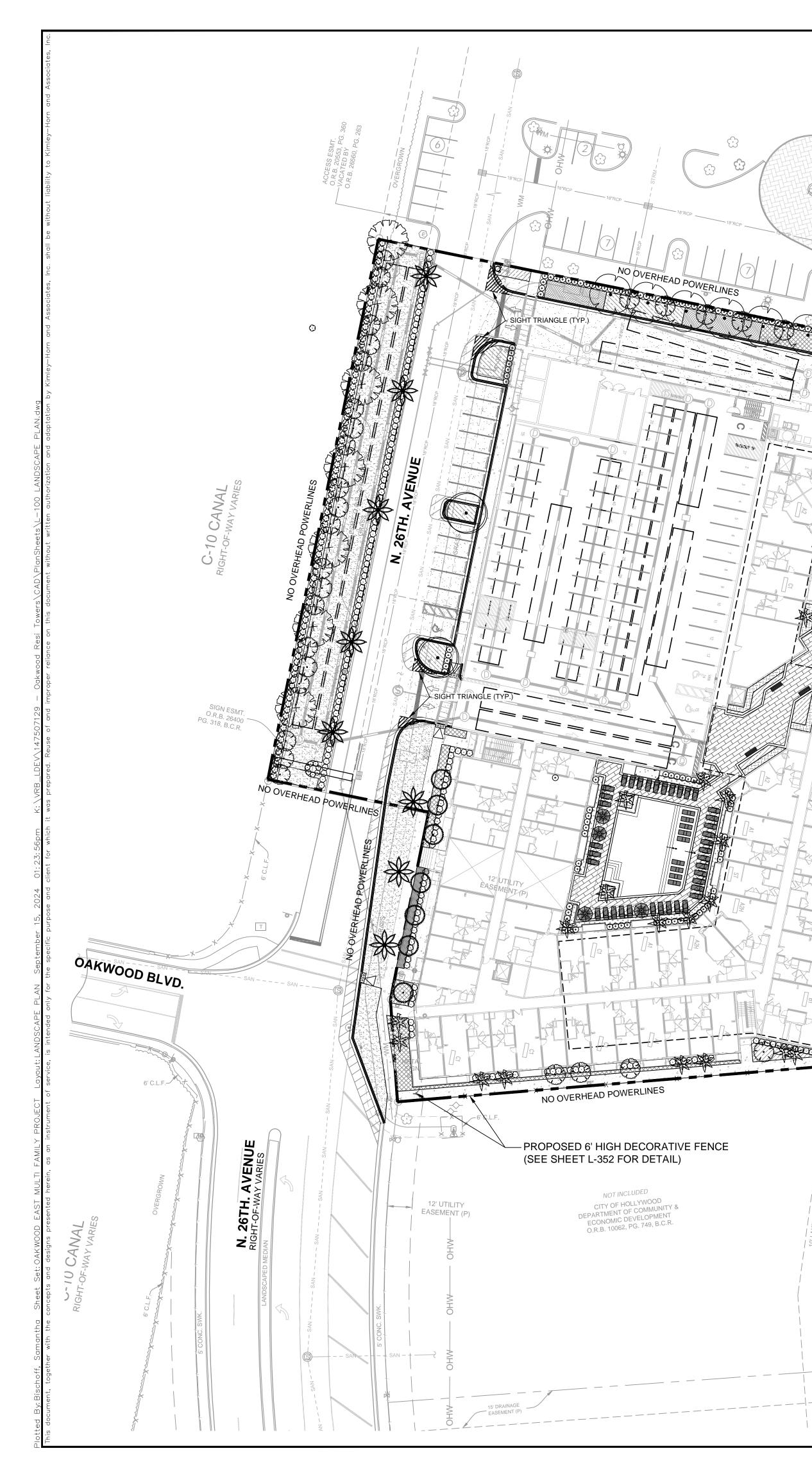
- A. Contractor's Certified Arborist to determine the location of the Tree Protector Barrier around each tree to remain based on his/her analysis of each existing tree to remain that is adjacent to construction improvements such as utility installation, pavement addition and/or restoration, etc.
- B. Contractor shall maintain and repair the Tree Protector Barrier during site construction operations.
- Contractor's access to the fenced tree protection areas will be permitted only with approval of Owner's Representative and Contractor's Certified Arborist's written directive.
- D. There shall no be change in grade within the critical root zone as per ANSI Standards.
- Contractor shall clear by hand all vegetation to grade within the critical root zones of trees to remain. F. Contractor shall not install conduit, sprinklers, or any utility line in any critical root zone areas without the approval of the Contractor's Certified Arborist and Owner's Representative.

PART 6 - IRRIGATION

- A. Contractor shall irrigate trees as specified by Landscape Architect and Qualified Certified Arborist.
- B. On a monthly basis an irrigation audit shall be conducted by an irrigation specialist for review by Landscape Architect or Qualified Certified Arborist.



	DATE BY
	REVISIONS
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	TREE MITIGATION DETAILS AND NOTES
THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADRESSING THIS ISSUE.	CAKWOOD EAST MULTI FAMILY PROJECT PREPARED FOR PREPARED FOR KIMCO CITY OF KIMCO FLORIDA FLORIDA
Sunshine 811.com	o I sheet number L-050



ANDSCAPE REQUIREME	NTS	
LANT MATERIAL REQUI	REMENTS (PER ARTICLE 9.5.E)	
LANT MATERIAL	REQUIRED	PROVIDED
	75% OF PLANT MATERIAL IS IDENTIFIED IN HOLLYWOOD TECHNICAL LANDSCAPE MANUAL	PROPOSED
NATIVE SPECIES	60% OF TREES	PROPOSED
	7 SPECIES OF TREES	
	50% OF SHRUBS	PROPOSED
BUFFER REQUIREMENTS	(PER OAKWOOD PLAZA PD SEC 8.1 AND CITY OF HOLLYWOOD SEC. 6.8.6.)	
NORTH BUFFER (300 LF)	REQUIRED	PROVIDED
WIDTH	5 FT AND BUFFER WALL/FENCE (MIN. 8FT)	12' WIDTH
REES	1 CANOPY AND 1 INTERMDIATE OR SMALL TREE/40 LF = (300 SF/40 LF) = 8 CANOPY AND 8 UNDERSTORY TREES	6 CANOPY AND 10 SMALL TREES PROPOSED, 1 CANOPY AND 1 SMALL EXISTING
HRUBS	5 SHRUBS/40 LF= (300 SF/40 LF)5= 38 SHRUBS	68 PROPOSED
	* DEFICIT DUE TO CONFLICTS WITH PROPOSED DESIGN	
OUTH BUFFER (221 LF)	REQUIRED	PROVIDED
VIDTH	5 FT	PROPOSED
REES	1 CANOPY AND 1 INTERMDIATE OR SMALL TREE/40 LF= (221 SF/40 LF) = 6 CANOPY AND 6 UNDERSTORY TREES	6 CANOPY AND 6 SMALL TREES PROPOSED
SHRUBS	5 SHRUBS/40 LF= (221 SF/40 LF)5= 28 SHRUBS	38 PROPOSED
NEST BUFFER (491 LF)	REQUIRED	PROVIDED
VIDTH	4 FT (MIN)	PROPOSED
REES	1 TREE OR PALM/40 LF= (268 SF/40 LF) = 7 TREES	7 TREES PROPOSED
SHRUBS	5 SHRUBS/40 LF= (268 SF/40 LF)5= 34 SHRUBS	157 PROPOSED
PARKING LOT REQUIREN	IENTS (PER ARTICLE 9.2.C.1)	
SLANDS	REQUIRED	PROVIDED
REES	1 TREE OR PALM/ISLAND = 3 TREES	2 TREES PROPOSED*
/UA LANDSCAPE	8% OF VUA = 1,183 SF	30% PROPOSED = 4,518 SF
	* DEFICIT DUE TO CONFLICTS WITH PROPOSED SITE UTILITIES AND DESIGN	
STREET TREES (PER PD DE	EVLOPMENT STANDARDS SEC 8.4)	
STREET	REQUIRED	PROVIDED
TREES	1 TREE(CANOPY,INTERMENDIATE, OR PALM)/40 FEET ON CENTER = (317 LF/40LF)= 10 STREET TREES	8 PROPOSED
SITE REQUIREMENTS (PE	R SECTION 6.8.8)	
SITE	REQUIRED	PROVIDED
BUILDING LANDSCAPING	LANDSCAPED AREAS WILL BE A MINIMUM OF 5 FEET WIDE	5' WIDTH MIN
	LARGE TREES SHALL NOT BE LOCATED WITHIN 20 FT OF A BUILDING	ONLY PALMS AND UNDERSTORY TREES LOCATED WITHIN 20' OF BUILDING
ANDSCAPE AREAS	ALL PERVIOUS AREAS SHALL BE LANDSCAPED OR COVERED WITH LIVING GROUND COVER OR SOD	PROVIDED
	ALL LANDSCAPED AREA WILL RECEIVE 100% IRRIGATION	
	40% OF TOTAL SITE MUST BE LANDSCAPED OPEN SPACE = 42,441 SF	
REES	1 TREE/ 1,000 SF = (AREA SF/1000SF) = 106 TREES	66 TREES + 34 SPECIMEN PALMS
PALMS	3 PALMS WITH DBH LESS THAN 12" = 1 CANOPY TREE	
	I SPECIMEN PALM = I CANOPY TREE	
	ONLY 50% MAY BE PALMS = MAXIMUM OF 34 PALMS	34 PALMS
HRUBS	10 SHRUBS/2,000 SF OF GROSS AREA = (106,102 SF/2,000 SF)10 = 530 SHRUBS	489 PROPOSED
		ES: 66 TREES + 34 SPECIMEN PALMS PROPOSED

EXISTING LAKE

B

- PROPOSED 6' HIGH DECORATIVE FENCE (SEE SHEET L-352 FOR DETAIL

- PROPOSED 6' HIGH DECORATIVE FENCE (SEE SHEET L-352 FOR DETAIL)



GRAPHIC SCALE IN FEET 60

PLANT SCHEDULE

<u>SYMBOL</u>	CODE	<u>QTY</u>	BOTANICAL / COMMON NAME
TREES			
$\overline{(\cdot)}$	СО	2	CHRYSOPHYLLUM OLIVIFORME / SATINLEAF
00000000000000000000000000000000000000	CS	14	CONOCARPUS ERECTUS F. SERICEUS / SILVEF
	IA	6	ILEX X ATTENUATA 'EAST PALATKA' / EAST PAL
E	MF	30	MYRCIANTHES FRAGRANS / SIMPSON'S STOPF
	QV	7	QUERCUS VIRGINIANA / SOUTHERN LIVE OAK
PALM TRE	F		
- Alton	<u>—</u> AA	19	ARCHONTOPHOENIX ALEXANDRAE / ALEXAND
	SS	8	SABAL PALMETTO / CABBAGE PALMETTO
	VM	8	VEITCHIA MONTGOMERYANA / MONTGOMERY
SYMBOL	<u>CODE</u>	<u>QTY</u>	BOTANICAL / COMMON NAME
SHRUBS		X	
(·)	AT	7	ACALYPHA WILKESIANA TRICOLOR / TRICOLOR MAINTAINED AT 36" HT. χ
(+)	CR	127	CHRYSOBALANUS ICACO `RED TIP` / RED TIP O
$\overbrace{\cdot}$	СВ	168	CONOCARPUS ERECTUS `SERICEUS` / SILVER MAINTAINED AT 36" HT., FULL TO BASE
$\widetilde{\odot}$	VD	× 1/54	VIBURNUM OBOVATUM `DENSA` / DWARF WAL MAINTAIN AT 42" HT.
SHRUB AR	PEAS		
	СН5	349	CHRYSOBALANUS ICACO 'HORIZONTALIS' / HO
	FG ×	218	FICUS MICROCARPA 'GREEN ISLAND' / GREEN
	NA	183	NEPHROLEPIS AURICULATA / SWORD FERN
	TF	135	TRIPSACUM FLORIDANA / DWARF FAKAHATCH
		-x	

NOTES:

- 1. ALL LANDSCAPING SHALL BE WARRANTED FOR 1 YEAR AFTER FINAL INSPECTION.
- 2. 100% IRRIGATION COVERAGE SHALL BE PROVIDED.
- 3. REFER TO SHEET L-000 FOR TREE MITIGATION PLAN AND CALCULATIONS.
- 4. REFER TO SHEET L-300 FOR HARDSCAPE PLAN.

TOTAL TREES: 66 TREES + 34 SPECIMEN PALMS PROPOSED TOTAL SHRUBS: 489 PROPOSED

<u>CONTAINER</u> <u>CAL</u> NATIVE WATER <u>HT</u> F.G. " DBH MIN 12` HT MI ER BUTTONWOOD F.G. 2" DBH MIN. 12` HT MIN YES LOW F.G. ALATKA HOLLY MODERATE 2" DBH MIN. 12` HT MIN. X 5` SPR YES PPER FG YES 2" DBH MIN. 12` HT MIN F.G. 2" DBH MIN. 12` HT` MIN, 6` SPR YES LOW F.G. 6' CLEAR WOOD MIN. NO NDRA PALM MODERATE F.G. 6' CLEAR WOOD MIN. YES LOW ′ PALM F.G. 6' CLEAR WOOD MIN. NO LOW SPACING SIZE <u>CONT</u> NATIVE WATER LOR COPPERLEAF CONT. 36" X 36" NO 30" OC P COCOPLUM CONT. 24" HT., 24" SPR YES LOW 30" O.C. R BUTTONWOOD - X _____ CONT. 30" O.C. 30"X30" YES ALTER`S VIBURNUM CONT. YES 36" O.C. 36" X 36" ORIZONTAL COCO PLUM CONT 24" O.C. 12"X12" YES ISLAND INDIAN LAUREL FIG CONT. 24" O.C. 18" X 18" NO MODERATE CONT. 24" O.C. 18" X 18" YES CHEE GRASS CONT. 30" O.C. 24" HT YES

© 2(24TH 4750 0≜ 4 DE SC Ζ Δ Ш A ANDSC AKWOOD EAST MULTI FAMILY PROJECT PREPARED FOR KIMCO 4 \bigcirc ō

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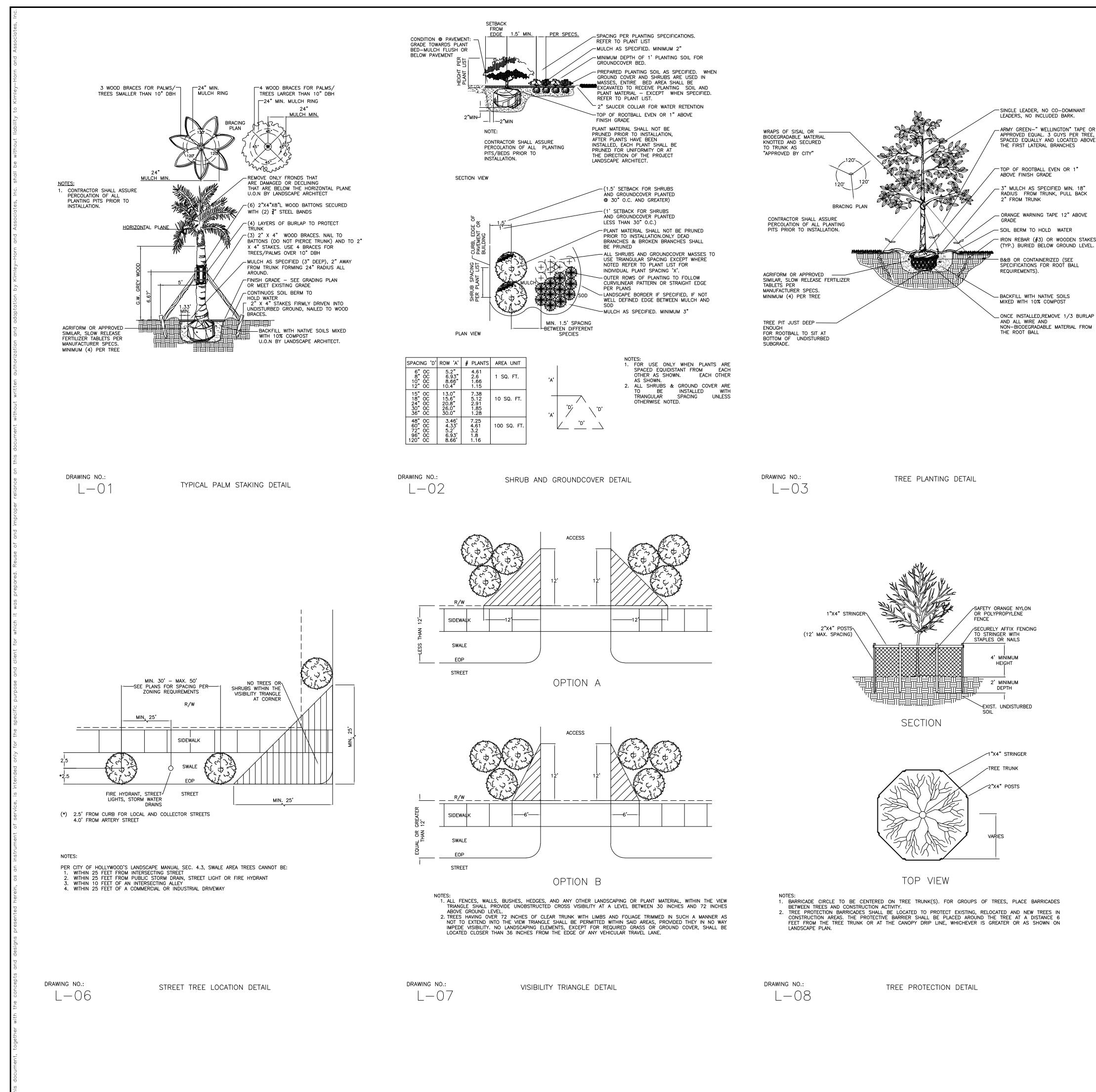
SHEET NUMBER

L-100

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.

Always call 811 two full business days before you dig to have underground utilities located and marked.

Sunshing [1].com



ARMY GREEN-" WELLINGTON" TAPE OR APPROVED EQUAL. 3 GUYS PER TREE, SPACED EQUALLY AND LOCATED ABOVE THE FIRST LATERAL BRANCHES

TOP OF ROOTBALL EVEN OR 1" ABOVE FINISH GRADE

- 3" MULCH AS SPECIFIED MIN. 18" RADIUS FROM TRUNK, PULL BACK 2" FROM TRUNK ORANGE WARNING TAPE 12" ABOVE

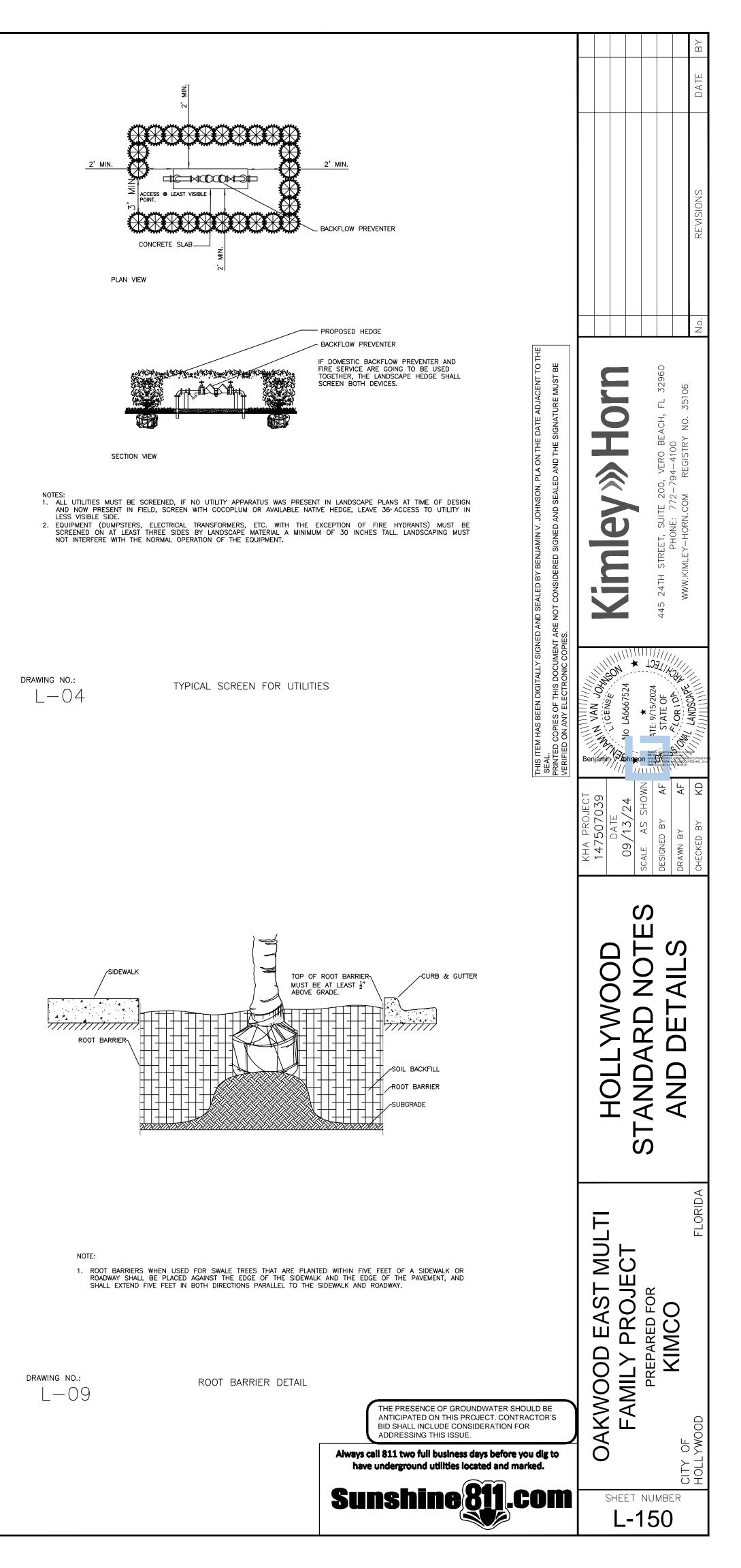
- SOIL BERM TO HOLD WATER - IRON REBAR (#3) OR WOODEN STAKES

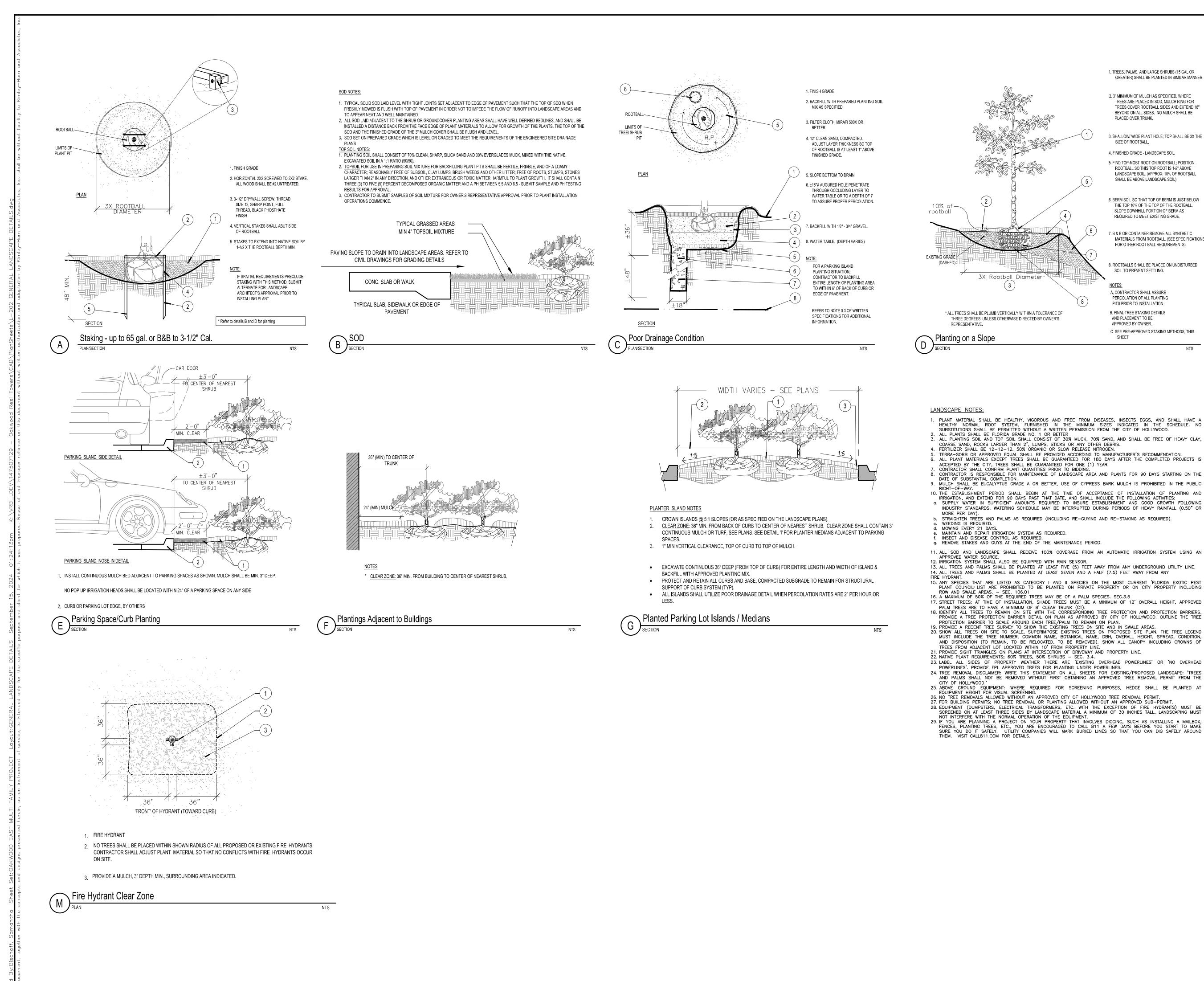
- B&B OR CONTAINERIZED (SEE SPECIFICATIONS FOR ROOT BALL

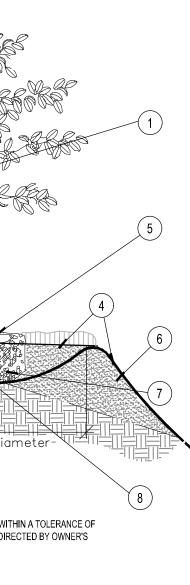
BACKFILL WITH NATIVE SOILS MIXED WITH 10% COMPOST

_ONCE INSTALLED, REMOVE 1/3 BURLAP AND ALL WIRE AND NON-BIODEGRADABLE MATERIAL FROM

TREE PROTECTION BARRICADES SHALL BE LOCATED TO PROTECT EXISTING, RELOCATED AND NEW TREES IN CONSTRUCTION AREAS. THE PROTECTIVE BARRIER SHALL BE PLACED AROUND THE TREE AT A DISTANCE 6 FEET FROM THE TREE TRUNK OR AT THE CANOPY DRIP LINE, WHICHEVER IS GREATER OR AS SHOWN ON







1. TREES, PALMS, AND LARGE SHRUBS (15 GAL OR GREATER) SHALL BE PLANTED IN SIMILAR MANNER

2. 3" MINIMUM OF MULCH AS SPECIFIED. WHERE TREES ARE PLACED IN SOD, MULCH RING FOR TREES COVER ROOTBALL SIDES AND EXTEND 18" BEYOND ON ALL SIDES. NO MULCH SHALL BE PLACED OVER TRUNK.

3. SHALLOW/ WIDE PLANT HOLE; TOP SHALL BE 3X THE SIZE OF ROOTBALL.

- 4. FINISHED GRADE LANDSCAPE SOIL 5. FIND TOP-MOST ROOT ON ROOTBALL; POSITION ROOTBALL SO THIS TOP ROOT IS 1-2" ABOVE LANDSCAPE SOIL. (APPROX. 10% OF ROOTBALL SHALL BE ABOVE LANDSCAPE SOIL)
- 6. BERM SOIL SO THAT TOP OF BERM IS JUST BELOW THE TOP 10% OF THE TOP OF THE ROOTBALL. SLOPE DOWNHILL PORTION OF BERM AS REQUIRED TO MEET EXISTING GRADE.
- 7. B & B OR CONTAINER REMOVE ALL SYNTHETIC MATERIALS FROM ROOTBALL. (SEE SPECIFICATIONS FOR OTHER ROOT BALL REQUIREMENTS)
- 8. ROOTBALLS SHALL BE PLACED ON UNDISTURBED SOIL TO PREVENT SETTLING.

NOTES: A. CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING

PITS PRIOR TO INSTALLATION. **B. FINAL TREE STAKING DETAILS** AND PLACEMENT TO BE APPROVED BY OWNER.

C. SEE PRE-APPROVED STAKING METHODS, THIS SHEET

1. PLANT MATERIAL SHALL BE HEALTHY, VIGOROUS AND FREE FROM DISEASES, INSECTS EGGS, AND SHALL HAVE A HEALTHY NORMAL ROOT SYSTEM, FURNISHED IN THE MINIMUM SIZES INDICATED IN THE SCHEDULE. NO SUBSTITUTIONS SHALL BE PERMITTED WITHOUT A WRITTEN PERMISSION FROM THE CITY OF HOLLYWOOD. ALL PLANTS SHALL BE FLORIDA GRADE NO. 1 OR BETTER ALL PLANTING SOIL AND TOP SOIL SHALL CONSIST OF 30% MUCK, 70% SAND, AND SHALL BE FREE OF HEAVY CLAY, COARSE SAND, ROCKS LARGER THAN 2", LUMPS, STICKS OR ANY OTHER DEBRIS. 4. FERTILIZER SHALL BE 12-12-12, 50% ORGANIC OR SLOW RELEASE NITROGEN.

5. TERRA-SORB OR APPROVED EQUAL SHALL BE PROVIDED ACCORDING TO MANUFACTURER'S RECOMMENDATION. 6. ALL PLANT MATERIALS EXCEPT TREES SHALL BE GUARANTEED FOR 180 DAYS AFTER THE COMPLETED PROJECTS IS ACCEPTED BY THE CITY, TREES SHALL BE GUARANTEED FOR ONE (1) YEAR. CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE OF LANDSCAPE AREA AND PLANTS FOR 90 DAYS STARTING ON THE DATE OF SUBSTANTIAL COMPLETION. 9. MULCH SHALL BE EUCALYPTUS GRADE A OR BETTER, USE OF CYPRESS BARK MULCH IS PROHIBITED IN THE PUBLIC 10. THE ESTABLISHMENT PERIOD SHALL BEGIN AT THE TIME OF ACCEPTANCE OF INSTALLATION OF PLANTING AND IRRIGATION, AND EXTEND FOR 90 DAYS PAST THAT DATE, AND SHALL INCLUDE THE FOLLOWING ACTIVITIES: a. SUPPLY WATER IN SUFFICIENT AMOUNTS REQUIRED TO INSURE ESTABLISHMENT AND GOOD GROWTH FOLLOWING

b. STRAIGHTEN TREES AND PALMS AS REQUIRED (INCLUDING RE-GUYING AND RE-STAKING AS REQUIRED).

11. ALL SOD AND LANDSCAPE SHALL RECEIVE 100% COVERAGE FROM AN AUTOMATIC IRRIGATION SYSTEM USING AN APPROVED WATER SOURCE.

14. ALL TREES AND PALMS SHALL BE PLANTED AT LEAST SEVEN AND A HALF (7.5) FEET AWAY FROM ANY 15. ANY SPECIES THAT ARE LISTED AS CATEGORY I AND II SPECIES ON THE MOST CURRENT 'FLORIDA EXOTIC PEST

16. A MAXIMUM OF 50% OF THE REQUIRED TREES MAY BE OF A PALM SPECIES. SEC.3.5 17. STREET TREES: AT TIME OF INSTALLATION, SHADE TREES MUST BE A MINIMUM OF 12' OVERALL HEIGHT, APPROVED PALM TREES ARE TO HAVE A MINIMUM OF 8' CLEAR TRUNK (CT). 18. IDENTIFY ALL TREES TO REMAIN ON SITE WITH THE CORRESPONDING TREE PROTECTION AND PROTECTION BARRIERS. PROVIDE A TREE PROTECTION BARRIER DETAIL ON PLAN AS APPROVED BY CITY OF HOLLYWOOD. OUTLINE THE TREE PROTECTION BARRIER TO SCALE AROUND EACH TREE/PALM TO REMAIN ON PLAN. 19. PROVIDE A RECENT TREE SURVEY TO SHOW THE EXISTING TREES ON SITE AND IN SWALE AREAS. 20. SHOW ALL TREES ON SITE TO SCALE, SUPERIMPOSE EXISTING TREES ON PROPOSED SITE PLAN. THE TREE LEGEND

AND DISPOSITION (TO REMAIN, TO BE RELOCATED, TO BE REMOVED). SHOW ALL CANOPY INCLUDING CROWNS OF TREES FROM ADJACENT LOT LOCATED WITHIN 10' FROM PROPERTY LINE. 21. PROVIDE SIGHT TRIANGLES ON PLANS AT INTERSECTION OF DRIVEWAY AND PROPERTY LINE. 23. LABEL ALL SIDES OF PROPERTY WEATHER THERE ARE 'EXISTING OVERHEAD POWERLINES' OR 'NO OVERHEAD

POWERLINES'. PROVIDE FPL APPROVED TREES FOR PLANTING UNDER POWERLINES. 24. TREE REMOVAL DISCLAIMER: WRITE THIS STATEMENT ON ALL SHEETS FOR EXISTING/PROPOSED LANDSCAPE: 'TREES AND PALMS SHALL NOT BE REMOVED WITHOUT FIRST OBTAINING AN APPROVED TREE REMOVAL PERMIT FROM THE 25. ABOVE GRUND EQUIPMENT: WHERE REQUIRED FOR SCREENING PURPOSES, HEDGE SHALL BE PLANTED AT EQUIPMENT HEIGHT FOR VISUAL SCREENING.

 TOR BUILDING PERMITS; NO TREE REMOVAL OR PLANTING ALLOWED WITHOUT AN APPROVED SUB-PERMIT.
 EQUIPMENT (DUMPSTERS, ELECTRICAL TRANSFORMERS, ETC. WITH THE EXCEPTION OF FIRE HYDRANTS) MUST BE SCREENED ON AT LEAST THREE SIDES BY LANDSCAPE MATERIAL A MINIMUM OF 30 INCHES TALL. LANDSCAPING MUST 29. IF YOU ARE PLANNING A PROJECT ON YOUR PROPERTY THAT INVOLVES DIGGING, SUCH AS INSTALLING A MAILBOX, FENCES, PLANTING TREES, ETC., YOU ARE ENCOURAGED TO CALL 811 A FEW DAYS BEFORE YOU START TO MAKE SURE YOU DO IT SAFELY. UTILITY COMPANIES WILL MARK BURIED LINES SO THAT YOU CAN DIG SAFELY AROUND

					DATE BY
					REVISIONS
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ECT 39	DATE 09/13/24	SCALE AS SHOWN	DESIGNED BY AF		CHECKED BX
	GENERAL		LANDOCAPE DE IAILO		
OAKWOOD EAST MULTI	FAMILY PROJECT				FLORIDA

L-151

GENERAL LANDSCAPE SPECIFICATIONS AND NOTES	
 A. SCOPE OF WORK 1. THE WORK CONSISTS OF: FURNISHING ALL LABOR, MATERIALS, EQUIPMENT, TOOLS, TRANSPORTATION, AND ANY OTHER APPURTENANCES NECESSARY FOR THE COMPLETION OF THIS PROJECT AS SHOWN ON THE DRAWINGS, AS INCLUDED IN THE PLANT LIST, AND AS HEREIN SPECIFIED. 	CONTRACTOR SHALL PROVIDE FERTIL INSTALLATION TYPE, AND SITE'S PRO NATURALLY-DERIVED. *FERTILIZER RESTRICTIONS MAY APP
2. WORK SHALL INCLUDE MAINTENANCE AND WATERING OF ALL CONTRACT PLANTING AREAS UNTIL CERTIFICATION OF ACCEPTABILITY BY THE OWNER.	H. ROCK MULCH ROCK MULCH MATERIAL SHALL BE TW EQUAL) AT A MINIMUM DEPTH OF TH
B. PROTECTION OF EXISTING STRUCTURES ALL EXISTING BUILDINGS, WALKS, WALLS, PAVING, PIPING, OTHER SITE CONSTRUCTION ITEMS, AND PLANTING ALREADY COMPLETED OR ESTABLISHED SHALL BE PROTECTED FROM DAMAGE BY THE CONTRACTOR UNLESS OTHERWISE SPECIFIED. ALL DAMAGE RESULTING FROM NEGLIGENCE SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER, AT NO COST TO THE OWNER.	ROCK MULCH SHALL CONFINE TO TH AREAS, AND CURBS. CLEAR MULCH I. DIGGING AND HANDLING
	1. PROTECT ROOTS OR ROOT BALLS NECESSARY UNTIL PLANTING. PL
C. PROTECTION OF EXISTING PLANT MATERIALS OUTSIDE LIMIT OF WORK THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UNAUTHORIZED CUTTING OR DAMAGE TO TREES AND SHRUBS EXISTING OR OTHERWISE, CAUSED BY CARELESS EQUIPMENT OPERATION, MATERIAL STOCKPILING, ETC. THIS SHALL INCLUDE COMPACTION BY DRIVING OR PARKING INSIDE THE DRIP-LINE AND SPILLING OIL, GASOLINE, OR OTHER	NECESSARY ON THE PLANTING. PL TRANSIT. TREES TRANSPORTED OF DELIVERY TO SITE SHALL BE S MINIMIZE TRANSPIRATIONAL WAT
DELETERIOUS MATERIALS WITHIN THE DRIP-LINE. NO MATERIALS SHALL BE BURNED WHERE HEAT WILL DAMAGE ANY PLANT. EXISTING TREES KILLED OR DAMAGED SO THAT THEY ARE MISSHAPEN AND/ OR UNSIGHTLY SHALL BE REPLACED AT THE COST TO THE CONTRACTOR OF ONE HUNDRED DOLLARS (\$100) PER CALIPER INCH ON AN ESCALATING SCALE WHICH ADDS AN ADDITIONAL TWENTY (20) PERCENT PER INCH OVER FOUR (4) INCHES CALIPER AS FIXED AND AGREED LIQUIDATED DAMAGES. CALIPER SHALL BE MEASURED SIX (6) INCHES ABOVE GROUND LEVEL	2. BALLED AND BURLAPPED PLANTS ENCOMPASS THE FIBROUS AND F PLANTED IF THE BALL IS CRACKE NOT BE HANDLED BY STEMS.
FOR TREES UP TO AND INCLUDING FOUR (4) INCHES IN CALIPER AND TWELVE (12) INCHES ABOVE GROUND LEVEL FOR TREES OVER FOUR (4) INCHES IN CALIPER.	3. PLANTS MARKED "BR" IN THE PLAN STANDARDS FOR NURSERY PLAN OUT DURING TRANSPORTATION A
D. MATERIALS 1. GENERAL	4. PROTECTION OF PALMS (IF APPLIC THE PALM TREES TO FACILITATE MINIMUM OF FRONDS HAVE BEEN
MATERIALS LISTED BELOW SHALL BE SUBMITTED FOR APPROVAL. UPON SUBMITTALS' APPROVAL, DELIVERY OF MATERIALS MAY COMMENCE. MATERIAL SUBMITTAL	5. EXCAVATION OF TREE PITS SHALL SUBSURFACE ELEMENTS SUCH A
MULCH PRODUCT DATA TOPSOIL MIX AMENDMENT MIX/ PRODUCT DATA/ TEST RESULTS PLANTS PHOTOGRAPHS OF ONE (1) OF EACH SPECIES (OR TAGGED IN NURSERY)	
INDICATE SIZES (HEIGHT/WIDTH) AND QUALITY PER SPEC. CLIENT-REQUESTED TAGGING MAY SUBSTITUTE PHOTOS.	J. CONTAINER GROWN STOC1. ALL CONTAINER GROWN MATERIA
FERTILIZER PRODUCT DATA INNOCULANT PRODUCT DATA HERBICIDE PRODUCT DATA	CONTAINER IN WHICH THEY ARE HEALTHY GROWING CONDITION,
2. PLANT MATERIALS A. PLANT SPECIES AND SIZE SHALL CONFORM TO THOSE INDICATED ON THE DRAWINGS. NOMENCLATURE SHALL CONFORM TO STANDARDIZED PLANT NAMES, 1942 EDITION. ALL NURSERY STOCK SHALL BE IN ACCORDANCE WITH GRADES AND STANDARDS FOR NURSERY PLANTS, LATEST EDITION, PUBLISHED BY THE FLORIDA DEPARTMENT OF	2. AN ESTABLISHED CONTAINER GRO CONTAINER SUFFICIENTLY LONG WILL RETAIN ITS SHAPE AND HOL SHALL NOT BE HANDLED BY THEI
AGRICULTURE AND CONSUMER SERVICES. ALL PLANTS SHALL BE FLORIDA GRADE NO. 1 OR BETTER AS DETERMINED BY THE FLORIDA DIVISION OF PLANT INDUSTRY. ALL PLANTS SHALL BE HEALTHY, VIGOROUS, SOUND, WELL-BRANCHED, AND FREE OF DISEASE AND INSECTS, INSECT EGGS AND LARVAE AND SHALL HAVE ADEQUATE	3. PLANT ROOTS BOUND IN CONTAIN
ROOT SYSTEMS. TREES FOR PLANTING IN ROWS SHALL BE UNIFORM IN SIZE AND SHAPE. ALL MATERIALS SHALL BE SUBJECT TO APPROVAL BY THE OWNER. WHERE ANY REQUIREMENTS ARE OMITTED FROM THE PLANT LIST, THE PLANTS FURNISHED SHALL BE NORMAL FOR THE VARIETY. PLANTS SHALL BE PRUNED PRIOR TO DELIVERY ONLY WITH APPROVAL FROM OWNER OR OWNER'S REPRESENTATIVE. NO SUBSTITUTIONS SHALL BE MADE WITHOUT	4. SUBSTITUTION OF NON-CONTAINE GROWN WILL NOT BE PERMITTED REPRESENTATIVE.
WRITTEN PERMISSION FROM THE OWNER'S REPRESENTATIVE	K. COLLECTED STOCK
B. MEASUREMENTS: THE HEIGHT AND/OR WIDTH OF TREES SHALL BE MEASURED FROM THE GROUND OR ACROSS THE NORMAL SPREAD OF BRANCHES WITH THE PLANTS IN THEIR NORMAL POSITION. THIS MEASUREMENT SHALL NOT	WHEN THE USE OF COLLECTED STO THE MINIMUM SIZES OF ROOTBALL GROWN STOCK OF THE SAME VAR
INCLUDE THE IMMEDIATE TERMINAL GROWTH. PLANTS LARGER IN SIZE THAN THOSE SPECIFIED IN THE PLANT LIST MAY BE USED IF APPROVED BY THE OWNER. IF THE USE OF LARGER PLANTS IS APPROVED, THE BALL OF EARTH OR SPREAD OF ROOTS SHALL BE INCREASED IN PROPORTION TO THE SIZE OF THE PLANT.	L. NATIVE STOCK PLANTS COLLECTED FROM WILD OR
C. INSPECTION: PLANTS SHALL BE SUBJECT TO INSPECTION AND APPROVAL AT THE PLACE OF GROWTH, OR UPON DELIVERY TO THE SITE, AS DETERMINED BY THE OWNER, FOR QUALITY, SIZE, AND VARIETY; SUCH APPROVAL SHALL NOT IMPAIR THE RIGHT OF INSPECTION AND REJECTION AT THE SITE DURING PROGRESS OF THE WORK OR AFTER COMPLETION FOR SIZE AND CONDITION OF ROOT BALLS OR ROOTS, LATENT DEFECTS OR INJURIES. REJECTED PLANTS SHALL BE REMOVED IMMEDIATELY FROM THE SITE. NOTICE REQUESTING INSPECTION SHALL BE SUBMITTED	SUCCESSFULLY RE-ESTABLISHED PRACTICES FOR A MINIMUM OF TW TO INDICATE FULL RECOVERY FRC
IN WRITING BY THE CONTRACTOR AT LEAST ONE (1) WEEK PRIOR TO ANTICIPATED DATE.	M. MATERIALS LIST QUANTITIES NECESSARY TO COM
 E. SOIL MIXTURE (PLANTING MEDIUM, PLANTING MIX, MIX) 1. SOIL MIXTURE SHALL CONSIST OF 70% COARSE SAND, 30% FLORIDA PEAT AS DESCRIBED BELOW. 	QUANTITY ESTIMATES HAVE BE LIABILITY FOR OMISSIONS OR E QUANTITY, THE LANDSCAPE AR ALL DIMENSIONS AND/OR SIZES
2. SOIL FOR USE IN PREPARING SOIL MIXTURE FOR BACKFILLING SHALL BE FERTILE, FRIABLE, AND REASONABLY FREE OF SUBSOIL, CLAY LUMPS, BRUSH WEED AND OTHER LITTER, FREE OF ROOTS, STUMPS, STONE LARGER THAN 2" IN ANY DIRECTION, AND OTHER EXTRANEOUS OR TOXIC MATTER HARMFUL TO PLANT GROWTH. IT SHALL HAVE A PH BETWEEN 5.5 AND 7.0 - SUBMIT SAMPLE AND PH TESTING RESULTS FOR APPROVAL.	N. FINE GRADING 1. FINE GRADING UNDER THIS CON
3. SAND SHALL BE COARSE, CLEAN, WELL-DRAINING, NATIVE ORTONA MINED SAND. CONTRACTOR SHALL SUBMIT RESULTS OF SOIL TEST FOR PEAT AND SAND PROPOSED FOR USE UNDER THIS CONTRACT FOR APPROVAL.	THAT HAVE BEEN ROUGH GRAU RESPONSIBILITY OF THE CONT
4. CONTRACTOR SHALL SUBMIT SAMPLES OF SOIL MIXTURE FOR LANDSCAPE ARCHITECT REVIEW UNDER FORMAL SUBMITTAL AND SUBSEQUENTLY TO OWNER'S REPRESENTATIVE THEREAFTER FOR APPROVAL PRIOR TO PLANT INSTALLATION OPERATIONS COMMENCE.	2. THE CONTRACTOR SHALL FINE (FINISHED GRADE ALLOWING FO GRADE BY HAND AND/OR WITH LOADER FOR TRANSPORTING S
5. FLORIDA MUCK / FLORIDA MUCKY PEAT MAY BE PROVIDED AS A SUBSTITUTE FOR THE 30% FLORIDA PEAT, CONTINGENT UPON PRELIMINARY TEST RESULTS AND AS DETERMINED BY THE LANDSCAPE ARCHITECT DURING THE SUBMITTAL PROCESS. ANY CHANGES IN THE PERCENTAGES OR PARENT MATERIALS REQUIRED TO PROVIDE THE SPECIFIED MIXTURE AS DETERMINED BY THE LANDSCAPE ARCHITECT SHALL BE PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL COST TO OWNER.	3. ALL PLANTING AREAS SHALL BE STORM DRAIN SYSTEMS. AREA CIVIL ENGINEER'S PLANS FOR F
6. CONTRACTOR SHALL PROVIDE PH TEST RESULTS FOR ALL MIX COMPONENTS AND FINAL MIX.	O. PLANTING PROCEDURE
7. CONTRACTOR SHALL PROVIDE PENETROMETER ON-SITE AT ALL TIMES FOR COMPACTION INSPECTION AT THE DISCRETION OF THE LANDSCAPE ARCHITECT.	1. CLEANING UP BEFORE COMME ALL RUBBISH OR OBJECTION THE SURFACE OF ALL PLANT
8. PENETROMETER CRITERIA / SPECIFICATIONS SHALL RANGE FROM APPROX. 75 PSI TO LESS THAN 300 PSI OR AS DETERMINED BY THE LANDSCAPE ARCHITECT.	CONTRACTOR FIND SUCH SC PLANT GROWTH, HE SHALL IN TO DO SO BEFORE PLANTING CONTRACTOR.
9. FINAL MIX SHALL BE TESTED TO HAVE A SATURATED WEIGHT OF NO MORE THAN 85 POUNDS PER CUBIC FOOT WHEN COMPACTED TO 85% STANDARD PROCTOR. FERTILIZER PRODUCT DATA AND RATE SCHEDULE SHALL BE SUBMITTED CONCURRENTLY WITH THE SOIL SUBMITTAL FOR EVALUATION BY THE LANDSCAPE ARCHITECT.	2. VERIFY LOCATIONS OF ALL UT
 SOIL SHALL BE SUPPLIED BY ATLAS PEAT & SOIL INC. 9621 STATE ROAD, BOYNTON BEACH, FLORIDA 33472 PHONE: 561-734-7300. F. WATER 	ELECTRIC, GAS (LINES AND 1 PROPERLY MAINTAIN AND PF
WATER NECESSARY FOR PLANTING AND MAINTENANCE SHALL BE OF SATISFACTORY QUALITY TO SUSTAIN AN ADEQUATE PLANT GROWTH AND SHALL NOT CONTAIN HARMFUL, NATURAL OR MAN-MADE ELEMENTS DETRIMENTAL TO PLANTS. WATER MEETING THE ABOVE STANDARD SHALL BE OBTAINED ON THE SITE FROM THE OWNER, IF AVAILABLE, AND THE CONTRACTOR SHALL BE RESPONSIBLE TO MAKE ARRANGEMENTS FOR ITS USE BY HIS TANKS, HOSES, SPRINKLERS, ETC IF SUCH WATER IS NOT AVAILABLE AT THE SITE, THE CONTRACTOR SHALL PROVIDE SATISFACTORY WATER FROM SOURCES OFF THE SITE AT NO ADDITIONAL COST TO THE OWNER.	

RACTOR SHALL PROVIDE FERTILIZER APPLICATION SCHEDULE TO OWNER, AS APPLICABLE TO SOIL TYPE, PLANT LLATION TYPE, AND SITE'S PROPOSED USE. SUGGESTED FERTILIZER TYPES SHALL BE ORGANIC OR OTHERWISE

LIZER RESTRICTIONS MAY APPLY - REFER TO PROPERTY'S JURISDICTIONAL AUTHORITY.

IULCH MATERIAL SHALL BE TW0 (2) TO THREE (3) INCHES DIAMETER CHATTAHOOCHEE ROCK (OR APPROVED L) AT A MINIMUM DEPTH OF THREE (3) INCHES IN ALL LANDSCAPE SHRUB AND GROUNDCOVER AREAS. THE MULCH SHALL CONFINE TO THE LANDSCAPE BED LINES ESTABLISHED BY ADJACENT SOD AREAS, HARDSCAPE S, AND CURBS. CLEAR MULCH FROM EACH PLANT'S CROWN (BASE).

TECT ROOTS OR ROOT BALLS OF PLANTS AT ALL TIMES FROM SUN, DRYING WINDS, WATER AND FREEZING, AS CESSARY UNTIL PLANTING. PLANT MATERIALS SHALL BE ADEQUATELY PACKED TO PREVENT DAMAGE DURING ANSIT. TREES TRANSPORTED MORE THAN TEN (10) MILES OR WHICH ARE NOT PLANTED WITHIN THREE (3) DAYS DELIVERY TO SITE SHALL BE SPRAYED WITH AN ANTITRANSPIRANT PRODUCT ("WILTPRUF" OR EQUAL) TO

LED AND BURLAPPED PLANTS (B&B) SHALL BE DUG WITH FIRM, NATURAL BALLS OF SOIL OF SUFFICIENT SIZE TO COMPASS THE FIBROUS AND FEEDING ROOTS OF THE PLANTS. NO PLANTS MOVED WITH A ROOT BALL SHALL BE ANTED IF THE BALL IS CRACKED OR BROKEN. PLANTS BALLED AND BURLAPPED OR CONTAINER GROWN SHALL

NTS MARKED "BR" IN THE PLANT LIST SHALL BE DUG WITH BARE ROOTS, COMPLYING WITH FLORIDA GRADES AND ANDARDS FOR NURSERY PLANTS, CURRENT EDITION. CARE SHALL BE EXERCISED THAT THE ROOTS DO NOT DRY T DURING TRANSPORTATION AND PRIOR TO PLANTING.

TECTION OF PALMS (IF APPLICABLE): ONLY A MINIMUM OF FRONDS SHALL BE REMOVED FROM THE CROWN OF E PALM TREES TO FACILITATE MOVING AND HANDLING. CLEAR TRUNK (CT) SHALL BE AS SPECIFIED AFTER THE VIMUM OF FRONDS HAVE BEEN REMOVED. ALL PALMS SHALL BE BRACED PER PALM PLANTING DETAIL.

AVATION OF TREE PITS SHALL BE PERFORMED USING EXTREME CARE TO AVOID DAMAGE TO SURFACE AND BSURFACE ELEMENTS SUCH AS UTILITIES OR HARDSCAPE ELEMENTS, FOOTERS AND PREPARED SUB- BASES.

CONTAINER GROWN MATERIAL SHALL BE HEALTHY, VIGOROUS, WELL-ROOTED PLANTS ESTABLISHED IN THE DNTAINER IN WHICH THEY ARE SOLD. THE PLANTS SHALL HAVE TOPS WHICH ARE OF GOOD QUALITY AND ARE IN A EALTHY GROWING CONDITION, FLORIDA #1 OR BETTER.

ESTABLISHED CONTAINER GROWN PLANT SHALL BE TRANSPLANTED INTO A CONTAINER AND GROWN IN THAT INTAINER SUFFICIENTLY LONG FOR THE NEW FIBROUS ROOTS TO HAVE DEVELOPED SO THAT THE ROOT MASS ILL RETAIN ITS SHAPE AND HOLD TOGETHER WHEN REMOVED FROM THE CONTAINER. CONTAINER GROWN STOCK

NT ROOTS BOUND IN CONTAINERS ARE NOT ACCEPTABLE.

STITUTION OF NON-CONTAINER GROWN MATERIAL FOR MATERIAL EXPLICITLY SPECIFIED TO BE CONTAINER OWN WILL NOT BE PERMITTED WITHOUT WRITTEN APPROVAL IS OBTAINED FROM THE OWNER OR OWNER'S

THE USE OF COLLECTED STOCK IS PERMITTED AS INDICATED BY THE OWNER OR OWNER'S REPRESENTATIVE, MINIMUM SIZES OF ROOTBALLS SHALL BE EQUAL TO THAT SPECIFIED FOR THE NEXT LARGER SIZE OF NURSERY

TS COLLECTED FROM WILD OR NATIVE STANDS SHALL BE CONSIDERED NURSERY GROWN WHEN THEY HAVE BEEN CESSFULLY RE-ESTABLISHED IN A NURSERY ROW AND GROWN UNDER REGULAR NURSERY CULTURAL CTICES FOR A MINIMUM OF TWO (2) GROWING SEASONS AND HAVE ATTAINED ADEQUATE ROOT AND TOP GROWTH INDICATE FULL RECOVERY FROM TRANSPLANTING INTO THE NURSERY ROW.

ANTITIES NECESSARY TO COMPLETE THE WORK ON THE DRAWINGS SHALL BE FURNISHED BY THE CONTRACTOR. UANTITY ESTIMATES HAVE BEEN MADE CAREFULLY. BUT THE LANDSCAPE ARCHITECT OR OWNER ASSUMES NO IABILITY FOR OMISSIONS OR ERRORS. SHOULD A DISCREPANCY OCCUR BETWEEN THE PLANS AND THE PLANT LIST UANTITY, THE LANDSCAPE ARCHITECT SHALL BE NOTIFIED FOR CLARIFICATION PRIOR TO BIDDING OR INSTALLATION. LL DIMENSIONS AND/OR SIZES SPECIFIED SHALL BE THE MINIMUM ACCEPTABLE SIZE

NE GRADING UNDER THIS CONTRACT SHALL CONSIST OF FINAL FINISHED GRADING OF LAWN AND PLANTING AREAS FHAT HAVE BEEN ROUGH GRADED BY OTHERS. BERMING AS SHOWN ON THE DRAWINGS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, UNLESS OTHERWISE NOTED.

HE CONTRACTOR SHALL FINE GRADE THE LAWN AND PLANTING AREAS TO BRING THE ROUGH GRADE UP TO FINAL INISHED GRADE ALLOWING FOR THICKNESS OF SOD AND/OR MULCH DEPTH. THIS CONTRACTOR SHALL FINE GRADE BY HAND AND/OR WITH ALL EQUIPMENT NECESSARY INCLUDING A GRADING TRACTOR WITH FRONT-END LOADER FOR TRANSPORTING SOIL WITHIN THE SITE.

LL PLANTING AREAS SHALL BE GRADED AND MAINTAINED FOR POSITIVE DRAINAGE TO SURFACE/SUBSURFACE STORM DRAIN SYSTEMS. AREAS ADJACENT TO BUILDINGS SHALL SLOPE AWAY FROM THE BUILDINGS. REFER TO

CLEANING UP BEFORE COMMENCING WORK: THE CONTRACTOR SHALL CLEAN WORK AND SURROUNDING AREAS OF ALL RUBBISH OR OBJECTIONABLE MATTER. ALL MORTAR, CEMENT, AND TOXIC MATERIAL SHALL BE REMOVED FROM THE SURFACE OF ALL PLANT BEDS. THESE MATERIALS SHALL NOT BE MIXED WITH THE SOIL. SHOULD THE CONTRACTOR FIND SUCH SOIL CONDITIONS BENEATH THE SOIL WHICH WILL IN ANY WAY ADVERSELY AFFECT THE PLANT GROWTH, HE SHALL IMMEDIATELY CALL IT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE. FAILURE TO DO SO BEFORE PLANTING SHALL MAKE THE CORRECTIVE MEASURES THE RESPONSIBILITY OF THE

VERIFY LOCATIONS OF ALL UTILITIES, CONDUITS, SUPPLY LINES AND CABLES, INCLUDING BUT NOT LIMITED TO: ELECTRIC, GAS (LINES AND TANKS), WATER, SANITARY SEWER, STORMWATER SYSTEMS, CABLE, AND TELEPHONE. PROPERLY MAINTAIN AND PROTECT EXISTING UTILITIES. CALL NATIONAL ONE CALL - 811 - TO LOCATE UTILITIES.

3. SUBGRADE EXCAVATION: CONTRACTOR IS RESPONSIBLE TO REMOVE ALL EXISTING AND IMPORTED LIMEROCK AND LIMEROCK SUB-BASE FROM ALL LANDSCAPE PLANTING AREAS TO A MINIMUM DEPTH OF 36". CONTRACTOR IS RESPONSIBLE TO BACKFILL THESE PLANTING AREAS TO ROUGH FINISHED GRADE WITH CLEAN TOPSOIL FROM AN ON-SITE SOURCE OR AN IMPORTED SOURCE. IF LIMEROCK OR OTHER ADVERSE CONDITIONS OCCUR IN PLANTED AREAS AFTER 36" DEEP EXCAVATION BY THE CONTRACTOR, AND ADEQUATE PERCOLATION CAN NOT BE ACHIEVED, CONTRACTOR SHALL UTILIZE PLANTING DETAIL THAT ADDRESSES POOR DRAINAGE.

- 4. FURNISH NURSERY'S CERTIFICATE OF COMPLIANCE WITH ALL REQUIREMENTS AS HEREIN SPECIFIED AND REQUIRED. INSPECT AND SELECT PLANT MATERIALS BEFORE PLANTS ARE DUG AT NURSERY OR GROWING SITE.
- 5. GENERAL: COMPLY WITH APPLICABLE FEDERAL, STATE, COUNTY, AND LOCAL REGULATIONS GOVERNING LANDSCAPE MATERIALS AND WORK. CONFORM TO ACCEPTED HORTICULTURAL PRACTICES AS USED IN THE TRADE. UPON ARRIVAL AT THE SITE , PLANTS SHALL BE THOROUGHLY WATERED AND PROPERLY MAINTAINED UNTIL PLANTED. PLANTS STORED ON-SITE SHALL NOT REMAIN UNPLANTED FOR A PERIOD EXCEEDING TWENTY-FOUR (24) HOURS. AT ALL TIMES, METHODS CUSTOMARY IN GOOD HORTICULTURAL PRACTICES SHALL BE EXERCISED.
- 6. THE WORK SHALL BE COORDINATED WITH OTHER TRADES TO PREVENT CONFLICTS. COORDINATE PLANTING WITH IRRIGATION WORK TO ASSURE AVAILABILITY OF WATER AND PROPER LOCATION OF IRRIGATION APPURTENANCES AND PLANTS.
- 7. ALL PLANTING PITS SHALL BE EXCAVATED TO SIZE AND DEPTH IN ACCORDANCE WITH THE USA STANDARD FOR NURSERY STOCK 260.1, UNLESS SHOWN OTHERWISE ON THE DRAWINGS, AND BACKFILLED WITH THE PREPARED PLANTING SOIL MIXTURE AS SPECIFIED IN SECTION E. TEST ALL TREE PITS WITH WATER BEFORE PLANTING TO ASSURE PROPER DRAINAGE PERCOLATION IS AVAILABLE. NO ALLOWANCE WILL BE MADE FOR LOST PLANTS DUE TO IMPROPER PERCOLATION. IF POOR PERCOLATION EXISTS, UTILIZE "POOR DRAINAGE CONDITION" PLANTING DETAIL. TREES SHALL BE SET PLUMB AND HELD IN POSITION UNTIL THE PLANTING MIXTURE HAS BEEN FLUSHED INTO PLACE WITH A SLOW, FULL HOSE STREAM. ALL PLANTING SHALL BE PERFORMED BY PERSONNEL FAMILIAR WITH PLANTING PROCEDURES AND UNDER THE SUPERVISION OF A QUALIFIED LANDSCAPE FOREMAN. PROPER "JETTING IN" SHALL BE ASSURED TO ELIMINATE AIR POCKETS AROUND THE ROOTS. "JET STICK" OR EQUAL IS RECOMMENDED.
- 8. TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO BUILDINGS AND BUILDING STRUCTURES WHILE INSTALLING TREES.
- 9. SOIL MIXTURE SHALL BE AS SPECIFIED IN SECTION E OF THESE SPECIFICATIONS.
- 10. TREES AND SHRUBS SHALL BE SET STRAIGHT AT AN ELEVATION THAT, AFTER SETTLEMENT, THE PLANT CROWN WILL STAND ONE (1) TO TWO (2) INCHES ABOVE GRADE. EACH PLANT SHALL BE SET IN THE CENTER OF THE PIT. PLANTING SOIL MIXTURE SHALL BE BACKFILLED, THOROUGHLY TAMPED AROUND THE BALL, AND SETTLED BY WATER (AFTER TAMPING).
- 11. AMEND PINE AND OAK PLANT PITS WITH ECTOMYCORRHIZAL SOIL APPLICATION PER MANUFACTURER'S RECOMMENDATION. ALL OTHER PLANT PITS SHALL BE AMENDED WITH ENDOMYCORRHIZAL SOIL APPLICATION PER MANUFACTURER'S RECOMMENDATION. PROVIDE PRODUCT INFORMATION SUBMITTAL PRIOR TO INOCULATION.
- 12. FILL HOLE WITH SOIL MIXTURE, MAKING CERTAIN ALL SOIL IS SATURATED. TO DO THIS, FILL HOLE WITH WATER AND ALLOW TO SOAK MINIMUM TWENTY (20) MINUTES, STIRRING IF NECESSARY TO GET SOIL THOROUGHLY WET. PACK LIGHTLY WITH FEET. ADD MORE WET SOIL MIXTURE. DO NOT COVER TOP OF BALL WITH SOIL MIXTURE, ONLY WITH MULCH. ALL BURLAP, ROPE, WIRES, BASKETS, ETC.., SHALL BE REMOVED FROM THE SIDES AND TOPS OF BALLS, BUT NO BURLAP SHALL BE PULLED FROM UNDERNEATH.
- 13. PRUNING: TREES SHALL BE PRUNED, AT THE DIRECTION OF THE OWNER OR OWNER'S REPRESENTATIVE, TO PRESERVE THE NATURAL CHARACTER OF THE PLANT. ALL SOFT WOOD OR SUCKER GROWTH AND ALL BROKEN OR BADLY DAMAGED BRANCHES SHALL BE REMOVED WITH A CLEAN CUT. ALL PRUNING TO BE PERFORMED BY LICENSED ARBORIST, IN ACCORDANCE WITH ANSI A-300.
- 14. SHRUBS AND GROUND COVER PLANTS SHALL BE EVENLY SPACED IN ACCORDANCE WITH THE DRAWINGS AND AS INDICATED ON THE PLANT LIST. CULTIVATE ALL PLANTING AREAS TO A MINIMUM DEPTH OF 6", REMOVE AND DISPOSE ALL DEBRIS. MIX TOP 4" TO ACHEIVE SOIL MIXTURE AS SPECIFIED IN SECTION E. THOROUGHLY WATER ALL PLANTS AFTER INSTALLATION.
- 15. TREE GUYING AND BRACING SHALL BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH THE PLANS TO INSURE STABILITY AND MAINTAIN TREES IN AN UPRIGHT POSITION. IF THE CONTRACTOR AND OWNER DECIDE TO WAIVE THE TREE GUYING AND BRACING, THE OWNER SHALL NOTIFY THE LANDSCAPE ARCHITECT IN WRITING AND AGREE TO INDEMNIFY AND HOLD HARMLESS THE LANDSCAPE ARCHITECT IN THE EVENT UNSUPPORTED TREES PLANTED UNDER THIS CONTRACT FALL AND DAMAGE PERSON OR PROPERTY.
- 16. MULCHING: PROVIDE A THREE INCH (MINIMUM) LAYER OF SPECIFIED MULCH OVER THE ENTIRE AREA OF EACH SHRUB BED, GROUND COVER, VINE BED, AND TREE PIT PLANTED UNDER THIS CONTRACT.
- 17. HERBICIDE WEED CONTROL: ALL PLANT BEDS SHALL BE KEPT FREE OF NOXIOUS WEEDS UNTIL FINAL ACCEPTANCE OF WORK. IF DIRECTED BY THE OWNER, "ROUND-UP" SHALL BE APPLIED FOR WEED CONTROL BY QUALIFIED PERSONNEL TO ALL PLANTING AREAS IN SPOT APPLICATIONS PER MANUFACTURER'S PRECAUTIONS AND SPECIFICATIONS. PRIOR TO FINAL INSPECTION, TREAT ALL PLANTING BEDS WITH AN APPROVED PRE-EMERGENT HERBICIDE AT AN APPLICATION RATE RECOMMENDED BY THE MANUFACTURER. (AS ALLOWED BY JURISDICTIONAL AUTHORITY)
- P. LAWN SODDING

4. SODDING

- 1. THE WORK CONSISTS OF LAWN BED PREPARATION, SOIL PREPARATION, AND SODDING COMPLETE, IN STRICT ACCORDANCE WITH THE SPECIFICATIONS AND THE APPLICABLE DRAWINGS TO PRODUCE A TURF GRASS LAWN ACCEPTABLE TO THE OWNER.
- 2. LAWN BED PREPARATION: ALL AREAS THAT ARE TO BE SODDED SHALL BE CLEARED OF ANY ROUGH GRASS, WEEDS, AND DEBRIS, AND THE GROUND BROUGHT TO AN EVEN GRADE. THE ENTIRE SURFACE SHALL BE ROLLED WITH A ROLLER WEIGHING NOT MORE THAN ONE-HUNDRED (100) POUNDS PER FOOT OF WIDTH. DURING THE ROLLING, ALL DEPRESSIONS CAUSED BY SETTLEMENT SHALL BE FILLED WITH ADDITIONAL SOIL, AND THE SURFACE SHALL BE REGRADED AND ROLLED UNTIL PRESENTING A SMOOTH AND EVEN FINISH TO THE REQUIRED GRADE.

3. SOIL PREPARATION: PREPARE LOOSE BED FOUR (4) INCHES DEEP. HAND RAKE UNTIL ALL BUMPS AND DEPRESSIONS ARE REMOVED. WET PREPARED AREA THOROUGHLY.

- A. THE CONTRACTOR SHALL SOD ALL AREAS THAT ARE NOT PAVED OR PLANTED AS DESIGNATED ON THE DRAWINGS WITHIN THE CONTRACT LIMITS, UNLESS SPECIFICALLY NOTED OTHERWISE.
- B. THE SOD SHALL BE CERTIFIED TO MEET FLORIDA STATE PLANT BOARD SPECIFICATIONS, ABSOLUTELY TRUE TO VARIETAL TYPE, AND FREE FROM WEEDS, FUNGUS, INSECTS AND DISEASE OF ANY KIND.
- C. SOD PANELS SHALL BE LAID TIGHTLY TOGETHER SO AS TO MAKE A SOLID SODDED LAWN AREA. SOD SHALL BE LAID UNIFORMLY AGAINST THE EDGES OF ALL CURBS AND OTHER HARDSCAPE ELEMENTS, PAVED AND PLANTED AREAS. ADJACENT TO BUILDINGS, A 24 INCH STONE MULCH STRIP SHALL BE PROVIDED - REFER TO DETAILS. IMMEDIATELY FOLLOWING SOD LAYING, THE LAWN AREAS SHALL BE ROLLED WITH A LAWN ROLLER CUSTOMARILY USED FOR SUCH PURPOSES, AND THEN THOROUGHLY IRRIGATED. IF, IN THE OPINION OF THE OWNER, TOP-DRESSING IS NECESSARY AFTER ROLLING TO FILL THE VOIDS BETWEEN THE SOD PANELS AND TO EVEN OUT INCONSISTENCIES IN THE SOD, CLEAN SAND, AS APPROVED BY THE OWNER'S REPRESENTATIVE, SHALL BE UNIFORMLY SPREAD OVER THE ENTIRE SURFACE OF THE SOD AND THOROUGHLY WATERED IN. FERTILIZE INSTALLED SOD AS ALLOWED BY PROPERTY'S JURISDICTIONAL AUTHORITY.
- 5. DURING DELIVERY, PRIOR TO, AND DURING THE PLANTING OF THE LAWN AREAS, THE SOD PANELS SHALL AT ALL TIMES BE PROTECTED FROM EXCESSIVE DRYING AND UNNECESSARY EXPOSURE OF THE ROOTS TO THE SUN. ALL SOD SHALL BE STACKED SO AS NOT TO BE DAMAGED BY SWEATING OR EXCESSIVE HEAT AND MOISTURE.

6. LAWN MAINTENANCE:

- AUTHORITY.
- Q. CLEANUP
- REPRESENTATIVE.
- R. PLANT MATERIAL MAINTENANCE ACCEPTANCE.

S. MAINTENANCE (ALTERNATE BID ITEM)

- T. FINAL INSPECTION AND ACCEPTANCE OF WORK DESCRIBED.
- U. WARRANTY

A. WITHIN THE CONTRACT LIMITS, THE CONTRACTOR SHALL PRODUCE A DENSE, WELL ESTABLISHED LAWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR AND RE-SODDING OF ALL ERODED, SUNKEN OR BARE SPOTS (LARGER THAN 12"X12") UNTIL CERTIFICATION OF ACCEPTABILITY BY THE OWNER'S REPRESENTATIVE. REPAIRED SODDING SHALL BE ACCOMPLISHED AS IN THE ORIGINAL WORK (INCLUDING REGRADING IF NECESSARY).

B. CONTRACTOR RESPONSIBLE FOR ESTABLISHING AND MAINTAINING SOD/LAWN UNTIL ACCEPTANCE BY THE OWNER'S REPRESENTATIVE. PRIOR TO AND UPON ACCEPTANCE, CONTRACTOR TO PROVIDE WATERING/IRRIGATION SCHEDULE TO OWNER. OBSERVE ALL APPLICABLE WATERING RESTRICTIONS AS SET FORTH BY THE PROPERTY'S JURISDICTIONAL

UPON COMPLETION OF ALL PLANTING WORK AND BEFORE FINAL ACCEPTANCE, THE CONTRACTOR SHALL REMOVE ALL MATERIAL, EQUIPMENT, AND DEBRIS RESULTING FROM HIS WORK. ALL PAVED AREAS SHALL BE BROOM-CLEANED AND THE SITE LEFT IN A NEAT AND ACCEPTABLE CONDITION AS APPROVED BY THE OWNER'S AUTHORIZED

ALL PLANTS AND PLANTING INCLUDED UNDER THIS CONTRACT SHALL BE MAINTAINED BY WATERING, CULTIVATING, SPRAYING, AND ALL OTHER OPERATIONS (SUCH AS RE-STAKING OR REPAIRING GUY SUPPORTS) NECESSARY TO INSURE A HEALTHY PLANT CONDITION BY THE CONTRACTOR UNTIL CERTIFICATION OF ACCEPTABILITY BY THE OWNER'S REPRESENTATIVE. MAINTENANCE AFTER THE CERTIFICATION OF ACCEPTABILITY SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS IN THIS SECTION. CONTRACTORS ARE REQUESTED TO PROVIDE A BID ESTIMATE TO COVER LANDSCAPE AND IRRIGATION MAINTENANCE FOR A PERIOD OF 90 CALENDAR DAYS COMMENCING AFTER

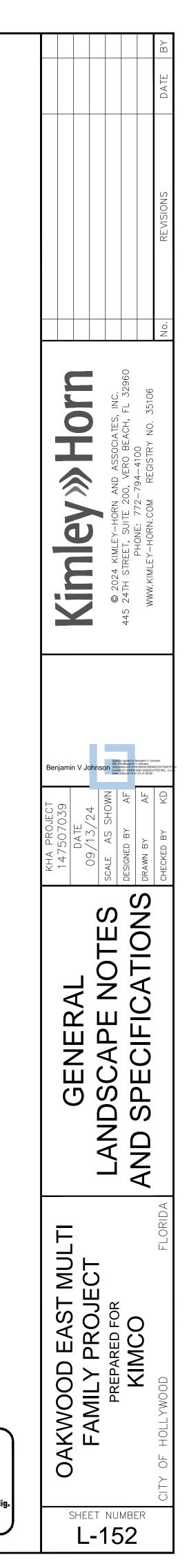
CONTRACTORS ARE REQUESTED TO PROVIDE A BID ESTIMATE FOR MAINTENANCE FOLLOWING THE INITIAL 90-DAY MAINTENANCE PERIOD ON A COST-PER-MONTH BASIS.

FINAL INSPECTION AT THE END OF THE WARRANTY PERIOD SHALL BE ON PLANTING, CONSTRUCTION AND ALL OTHER INCIDENTAL WORK PERTAINING TO THIS CONTRACT. ANY REPLACEMENT AT THIS TIME SHALL BE SUBJECT TO THE SAME ONE (1) YEAR WARRANTY (OR AS SPECIFIED BY THE LANDSCAPE ARCHITECT OR OWNER IN WRITING) BEGINNING WITH THE TIME OF REPLACEMENT AND ENDING WITH THE SAME INSPECTION AND ACCEPTANCE HEREIN

1. THE LIFE AND SATISFACTORY CONDITION OF ALL PLANT MATERIAL INSTALLED BY THE LANDSCAPE CONTRACTOR SHALL BE WARRANTED BY THE CONTRACTOR FOR A MINIMUM OF ONE (1) CALENDAR YEAR COMMENCING AT THE TIME OF CERTIFICATION OF ACCEPTABILITY BY THE OWNER'S REPRESENTATIVE.

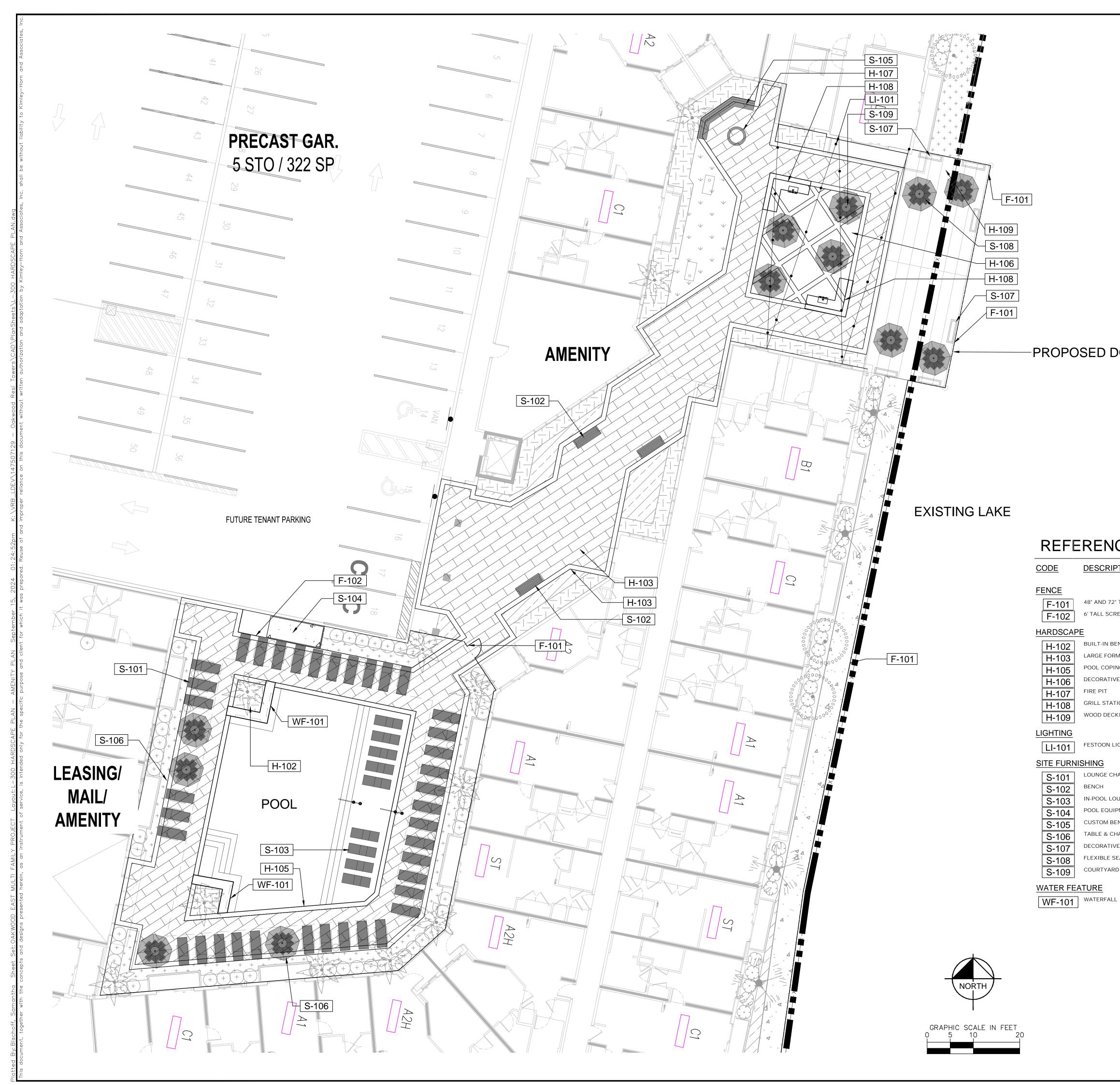
2. REPLACEMENT: ANY PLANT NOT FOUND IN A HEALTHY GROWING CONDITION AT THE END OF THE WARRANTY PERIOD SHALL BE REMOVED FROM THE SITE AND REPLACED AS SOON AS WEATHER CONDITIONS PERMIT. ALL REPLACEMENTS SHALL BE PLANTS OF THE SAME KIND AND SIZE AS SPECIFIED IN THE PLANT LIST. THEY SHALL BE FURNISHED PLANTED AND MULCHED AS SPECIFIED UNDER "PLANTING", AT NO ADDITIONAL COST TO THE OWNER.

3. IN THE EVENT THE OWNER DOES NOT CONTRACT WITH THE CONTRACTOR FOR LANDSCAPE (AND IRRIGATION) MAINTENANCE. THE CONTRACTOR IS ENCOURAGED TO VISIT THE PROJECT SITE PERIODICALLY DURING THE ONE YEAR WARRANTY PERIOD TO EVALUATE MAINTENANCE PROCEDURES BEING PERFORMED BY THE OWNER, AND SHALL NOTIFY THE OWNER IN WRITING OF MAINTENANCE PROCEDURES OR CONDITIONS WHICH THREATEN VIGOROUS AND HEALTHY PLANT GROWTH. IT IS SUGGESTED SUCH SITE VISITS SHALL BE CONDUCTED A MINIMUM OF ONCE PER MONTH FOR A PERIOD OF TWELVE (12) MONTHS FROM THE DATE OF ACCEPTANCE.

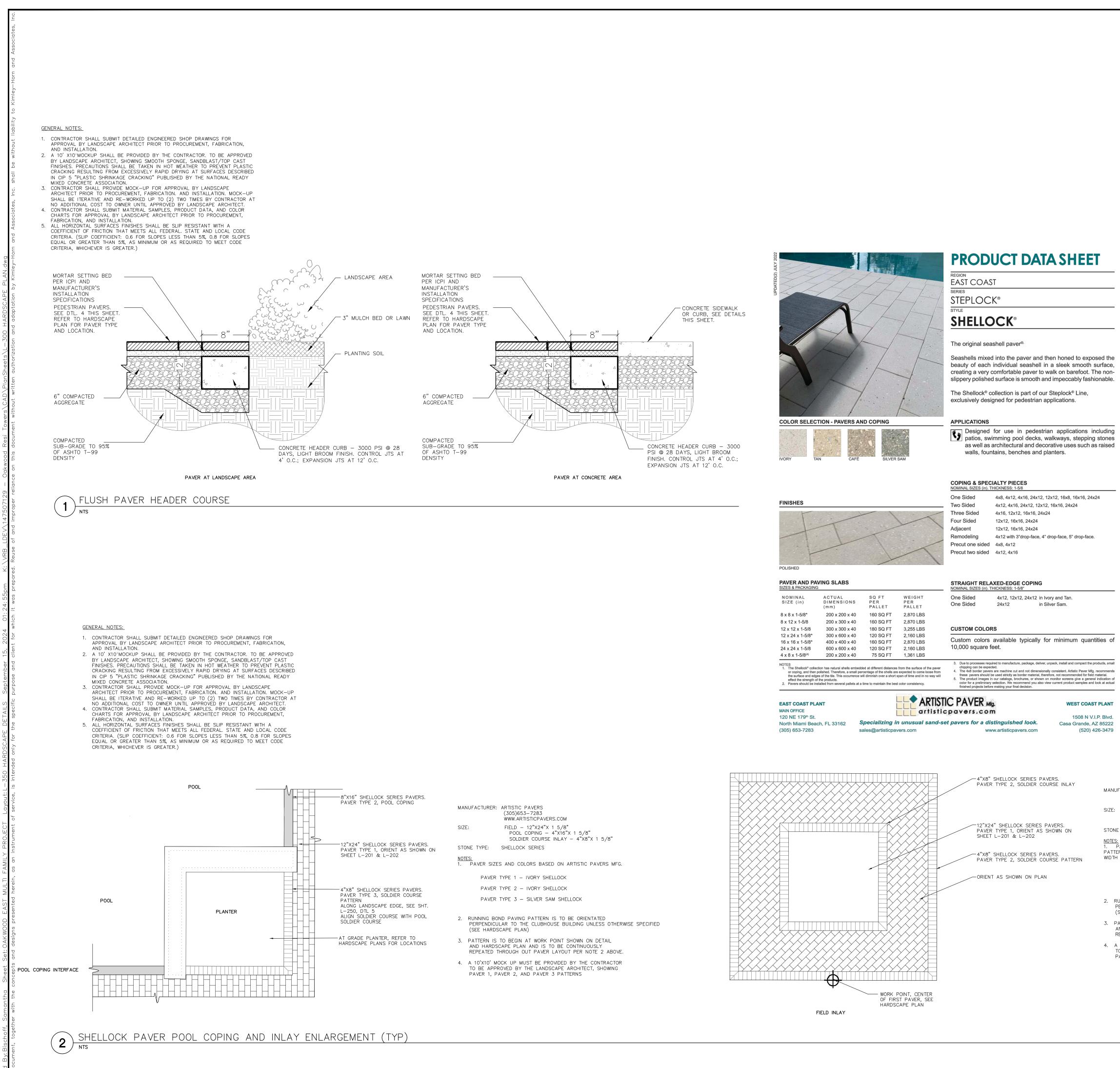


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Seashells mixed into the paver and then honed to exposed the beauty of each individual seashell in a sleek smooth surface, creating a very comfortable paver to walk on barefoot. The nonslippery polished surface is smooth and impeccably fashionable.

as well as architectural and decorative uses such as raised

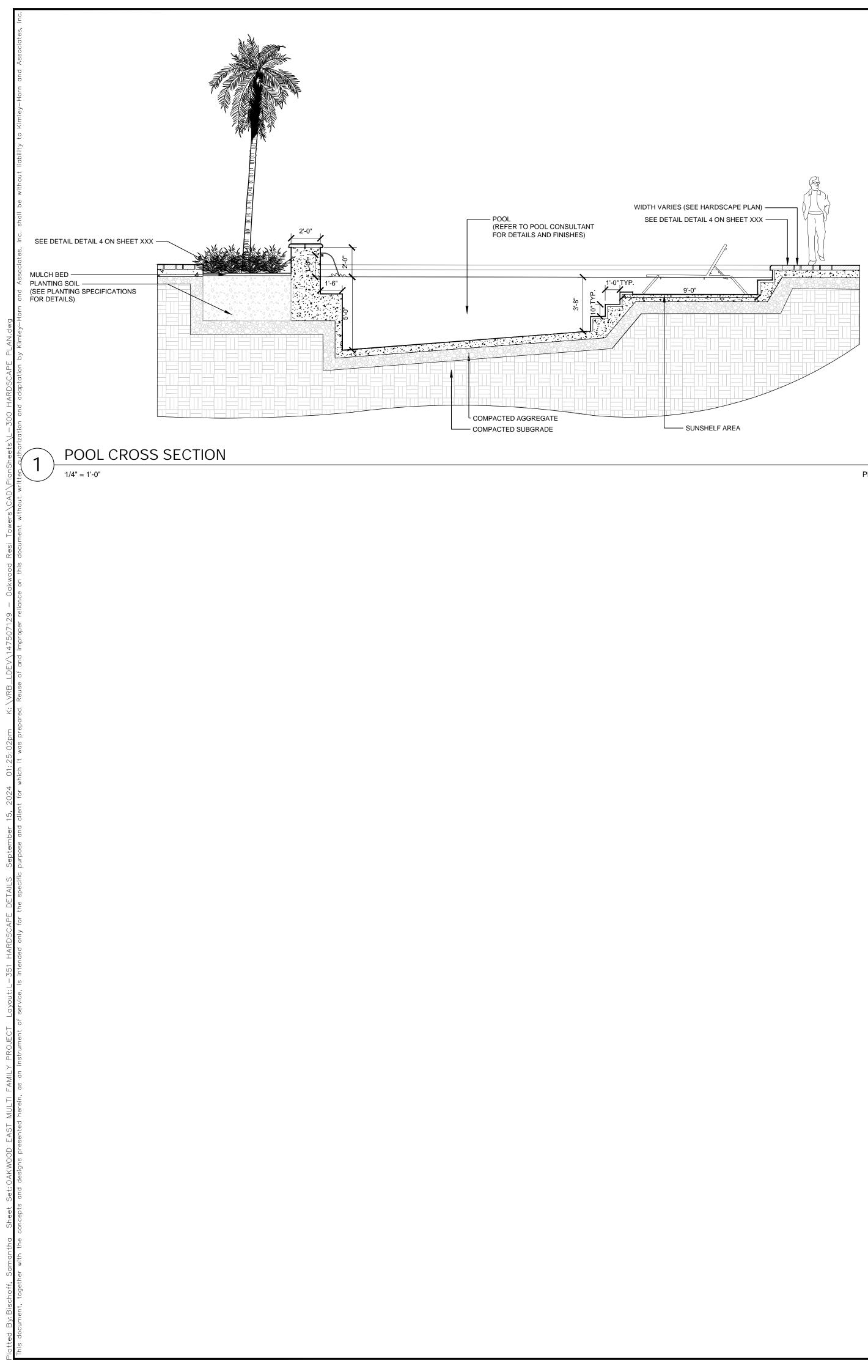
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recut two sided	4x12, 4x16

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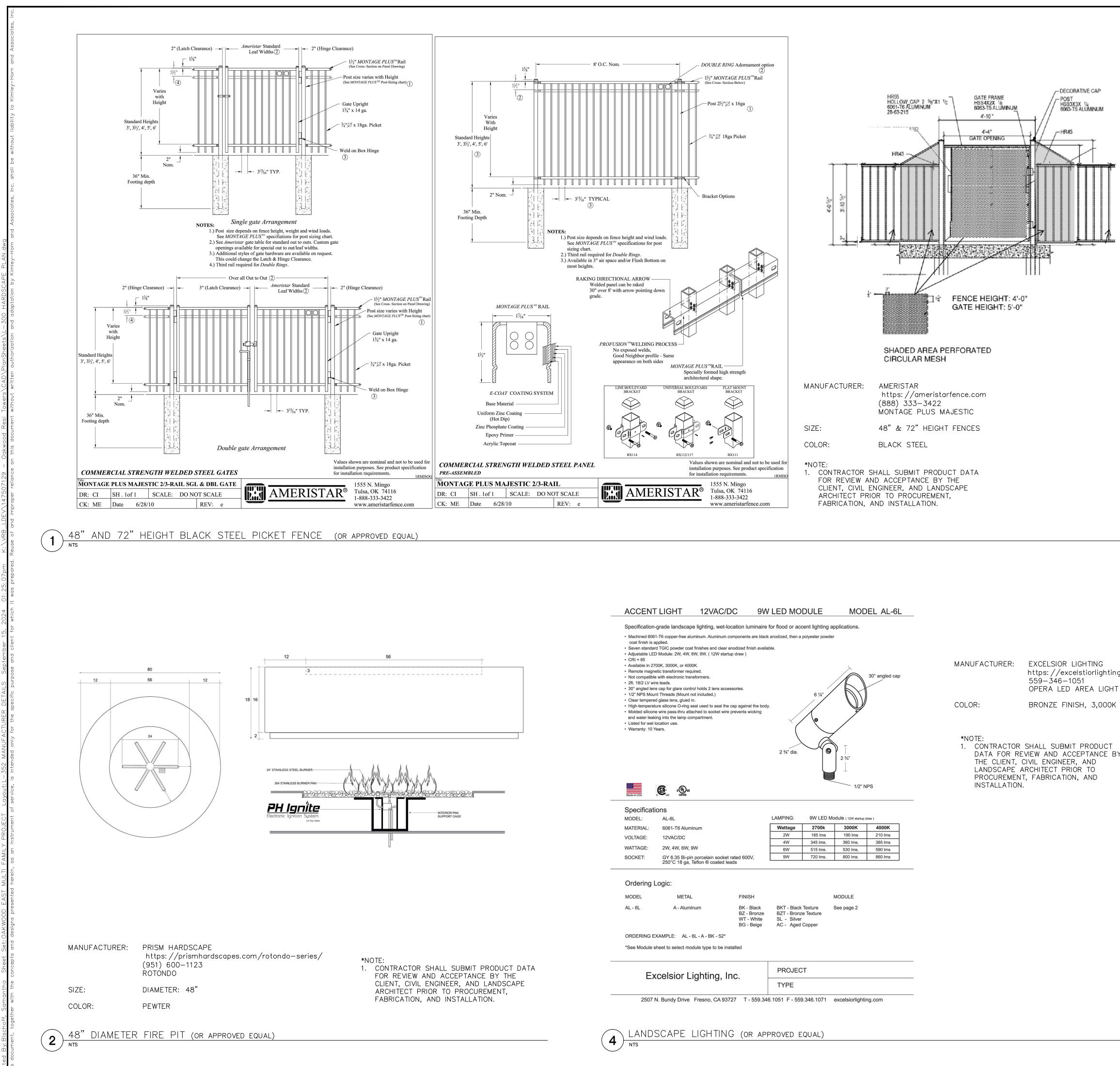
fect the strength of the products. avers should be installed from several palle	ts at a time to maintain the best color consistency.	5.	The product images in our catalogs, brochures, or shown or color for a preliminary selection. We recommend you also vie finished projects before making your final decision.	
C COAST PLANT DFFICE NE 179 th St. I Miami Beach, FL 33162 653-7283	Specializing in unusual sand-set sales@artisticpavers.com	pc	ivers.com	WE 1 Casa (

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MANUFACTURER: ARTISTIC PAVERS (305)653–7283 WWW.ARTISTICPAVERS.COM SIZE: FIELD – 12"X24"X1 5/8" SOLDIER COURSE BOARDER – 8"X12"X 1 5/8" SOLDIER COURSE BOARDER – 8"X12"X 1 5/8" STONE TYPE: SHELLOCK SERIES		HARDSCAPE DETAIL
 NOTES: 1. PAVER SIZES AND COLORS BASED ON ARTISTIC PAVERS MFG. PATTERN TO BE CARRIED THROUGH THE ENTIRE LENGTH AND WDTH OF THE PLAZA. PAVER TYPE 1 – IVORY SHELLOCK PAVER TYPE 2 – SILVER SAM SHELLOCK 2. RUNNING BOND PAVING PATTERN IS TO BE ORIENTATED PERPENDICULAR TO THE CLUBHOUSE BUILDING UNLESS OTHERWISE SPECIFIED (SEE HARDSCAPE PLAN) 3. PATTERN IS TO BEGIN AT WORK POINT SHOWN ON DETAIL AND HARDSCAPE PLAN AND IS TO BE CONTINUOUSLY REPEATED THROUGH OUT PAVER LAYOUT PER NOTE 2 ABOVE. 4. A 10'X10' MOCK UP MUST BE PROVIDED BY THE CONTRACTOR TO BE APPROVED BY THE LANDSCAPE ARCHITECT, SHOWING PAVER 1, PAVER 2, AND PAVER 3 PATTERNS 	THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BUS HALL INCLUDE CONSIDERATION FOR Abways call 811 two full business days before you dig to Sumstander His located and marked.	CITY OF CITY OF HOLLYWOOD EAST MULTI FAMILY PROJECT PREPARED FOR KIMCO FLORIDA FLORIDA FLORIDA

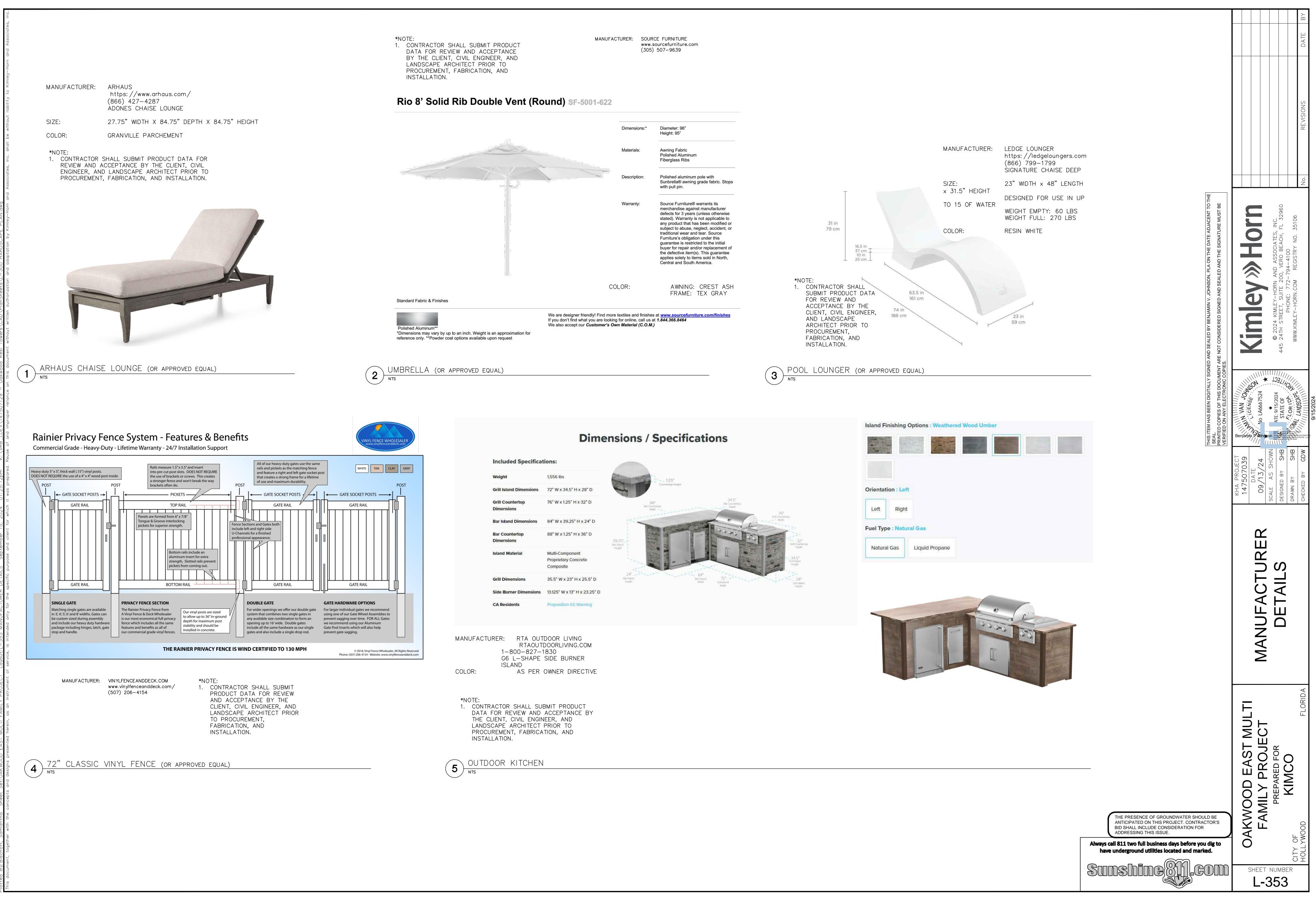


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	Included Specificat	tions:		
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	Grill Countertop Dimensions	76" W x 1.25" H x 32" D	Bar Counterlop Wath 76*	Left
	Bar Island Dimensions	84" W x 39.25" H x 24" D	Gell Countertop	Fuel Type
	Bar Countertop Dimensions	88" W x 1.25" H x 36" D	39.25 Bert Mind	Natural C
	Island Material	Multi-Component Proprietary Concrete Composite	- 34.5* Gift bland HingH	Natural
	Grill Dimensions	35.5" W x 23" H x 25.5" D	24* 84* 72* 28* Depth Wattl Cell Mand Wattl Cell Mand Wattl	
	Side Burner Dimensions	13.125" W x 13" H x 23.25" D	Width Depth	
	CA Residents	Proposition 65 Warning		
ANUFACTI DLOR:	RTAOUTI 1-800-827-1 G6 L-SHAPE ISLAND			
DATA THE C LANDS PROCI	RACTOR SHALL SUE FOR REVIEW AND CLIENT, CIVIL ENGIN SCAPE ARCHITECT JREMENT, FABRICA LLATION.	ACCEPTANCE BY IEER, AND PRIOR TO		
	OOR KITCHEN			



MODEL NUMBER	SUSPENDED	SOCKETS	LENGTH	MAX. WATTAGE
STL-S-24-50	YES	24	50ft	600W
STL-S-48-100	YES	48	100ft	1200W
STL-NS-24-50	NO	24	50ft	600W
STL-NS-24-100	NO	48	100ft	1200W

E26 MEDIUM B	ASE LED BULBS		
	S14 - Frosted TBL-E26-S14-FR 120V 1.4W E26 medium Ø1.75 x H3.50 in.	S14 - Clear TBL-E26-S14-CLR 120V 1.4W E26 medium Ø1.75 x H3.50 in.	S14 - Dimmable Filament TBL-E26-S14-FIL-LED 120V 2W E26 medium Ø1.75 x H3.50 in.
	S11 - Frosted TBL-E26-S11-FR 120V AC 1W E26 medium Ø1.57 x H2.40 in.	S11 - Clear TBL-E26-S11-CLR 120V AC 1W E26 medium Ø157 x H240 in.	

MANUFACTURER:	TWI ww 1- OPI
COLOR:	Bla

0 \approx

7H 120

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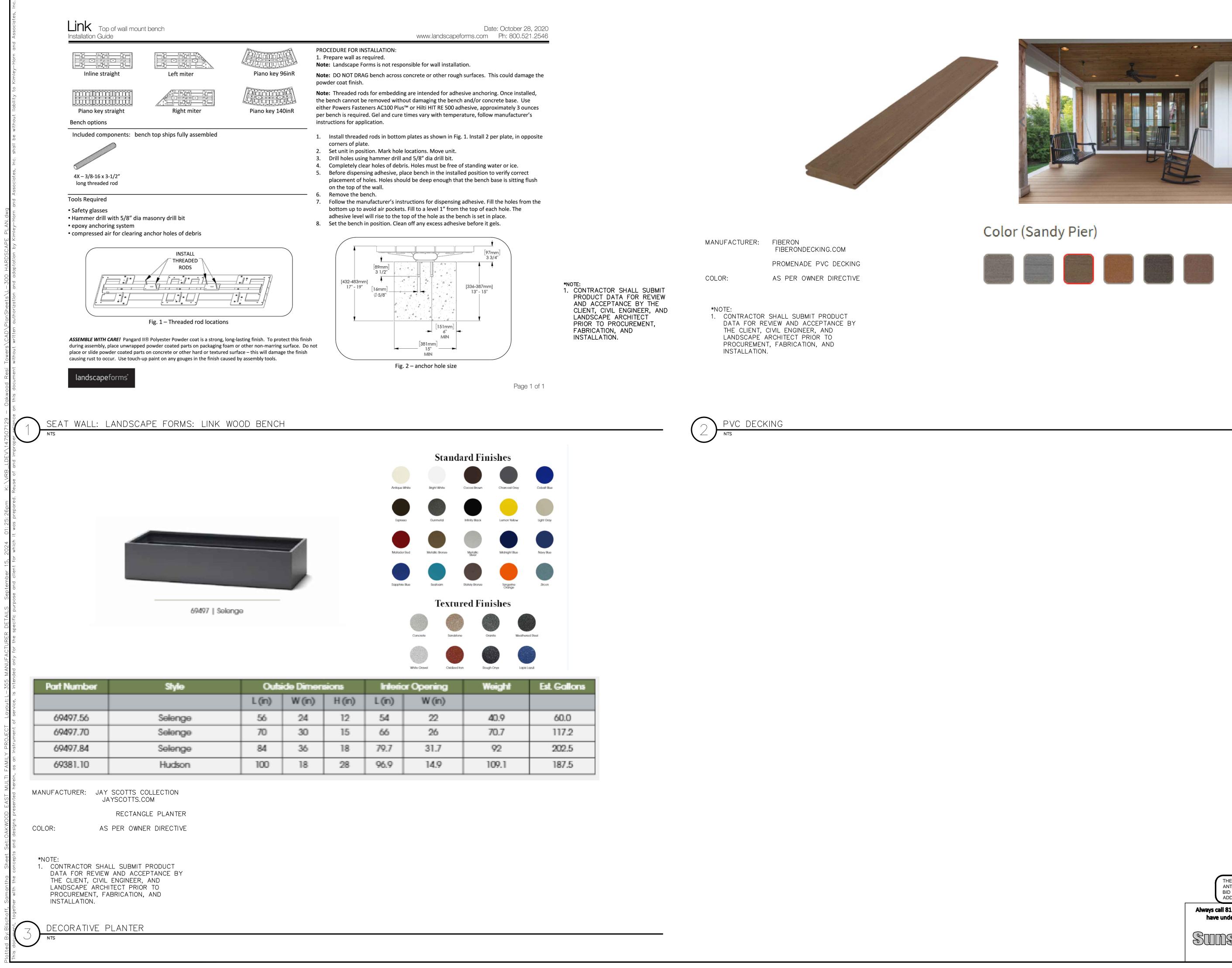
SHEET NUMBER

L-354

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.

Always call 811 two full business days before you dig to have underground utilities located and marked.

Sunshing LGOLÍ



Weight	Est. Gallons
40.9	60.0
70.7	117.2
92	202.5
109.1	187.5

	DATE BY
	REVISIONS
ACENT TO THE E MUST BE	ATES, INC. ACH, FL 32960 NO. 35106 NO.
NSON, PLA ON THE DATE ADJ	BE/ BE/
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	KHA PROJECT 147507039 DATE 09/13/24 SCALE AS SHOWN SCALE AS SHOWN DESIGNED BY SHB DRAWN BY SHB CHECKED BY GDW
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THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.	OAKWOOD I FAMILY F PREPAR PREPAR KIM CITY OF HOLLYWOOD
nshine 811.com	sheet number L-355

