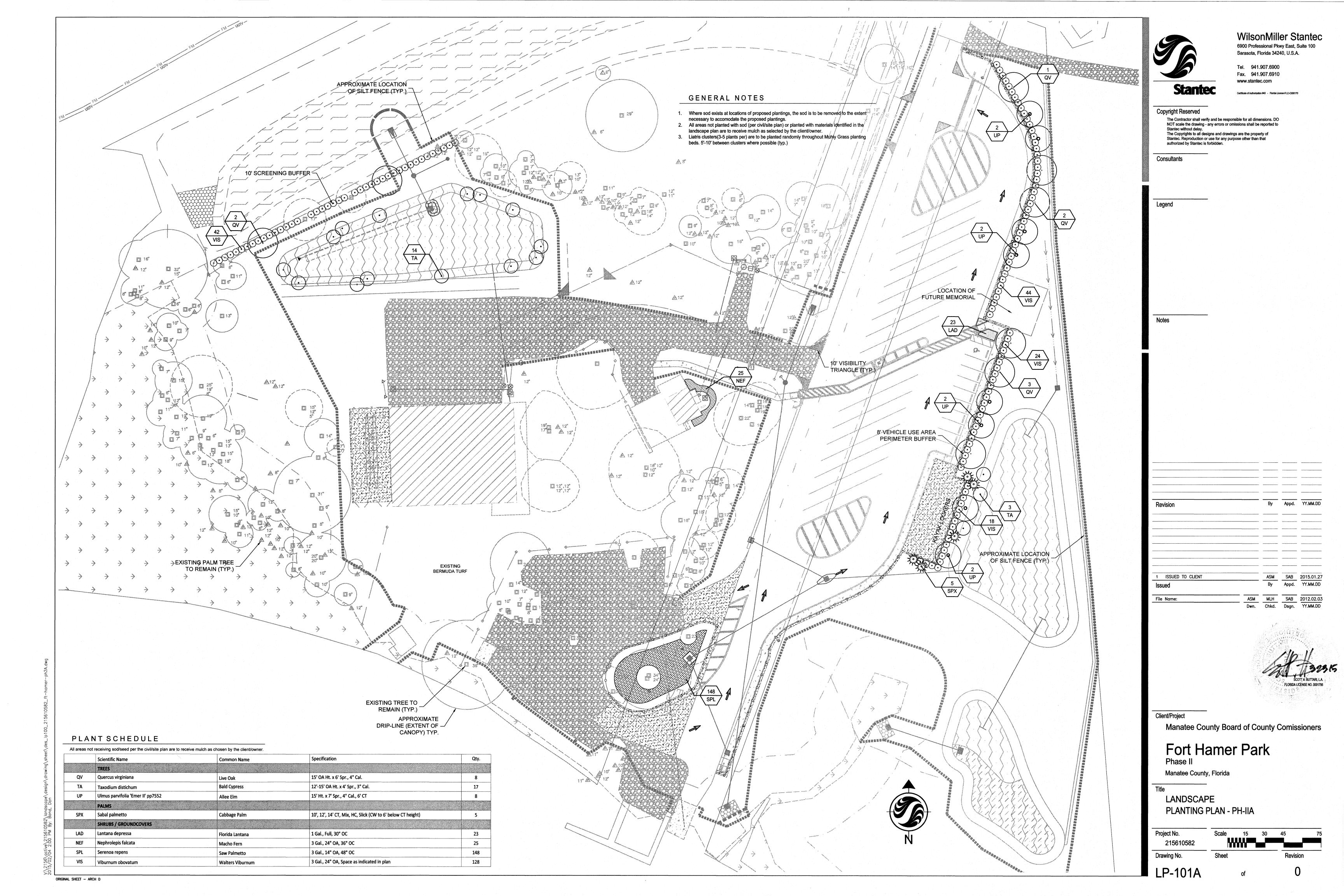
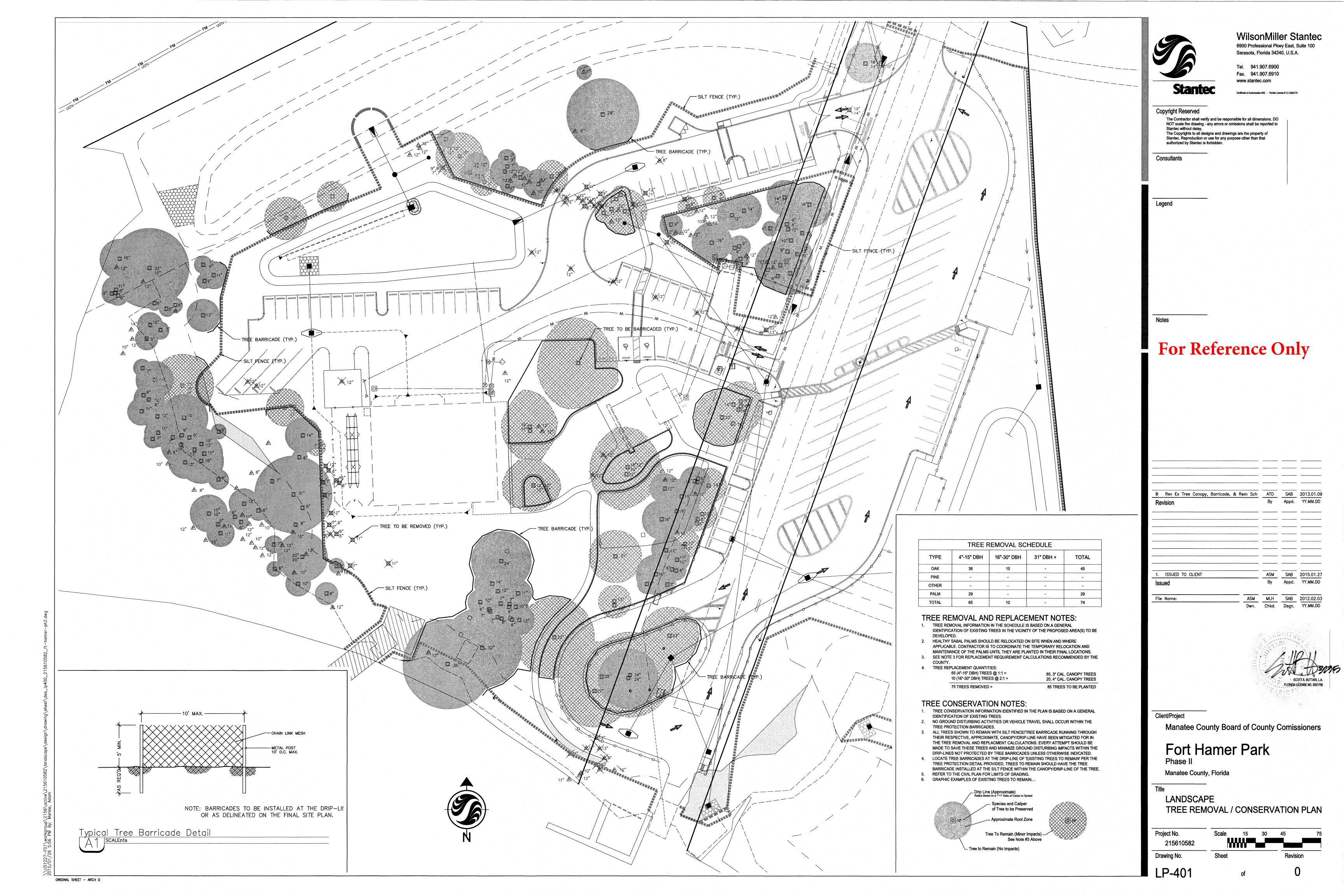
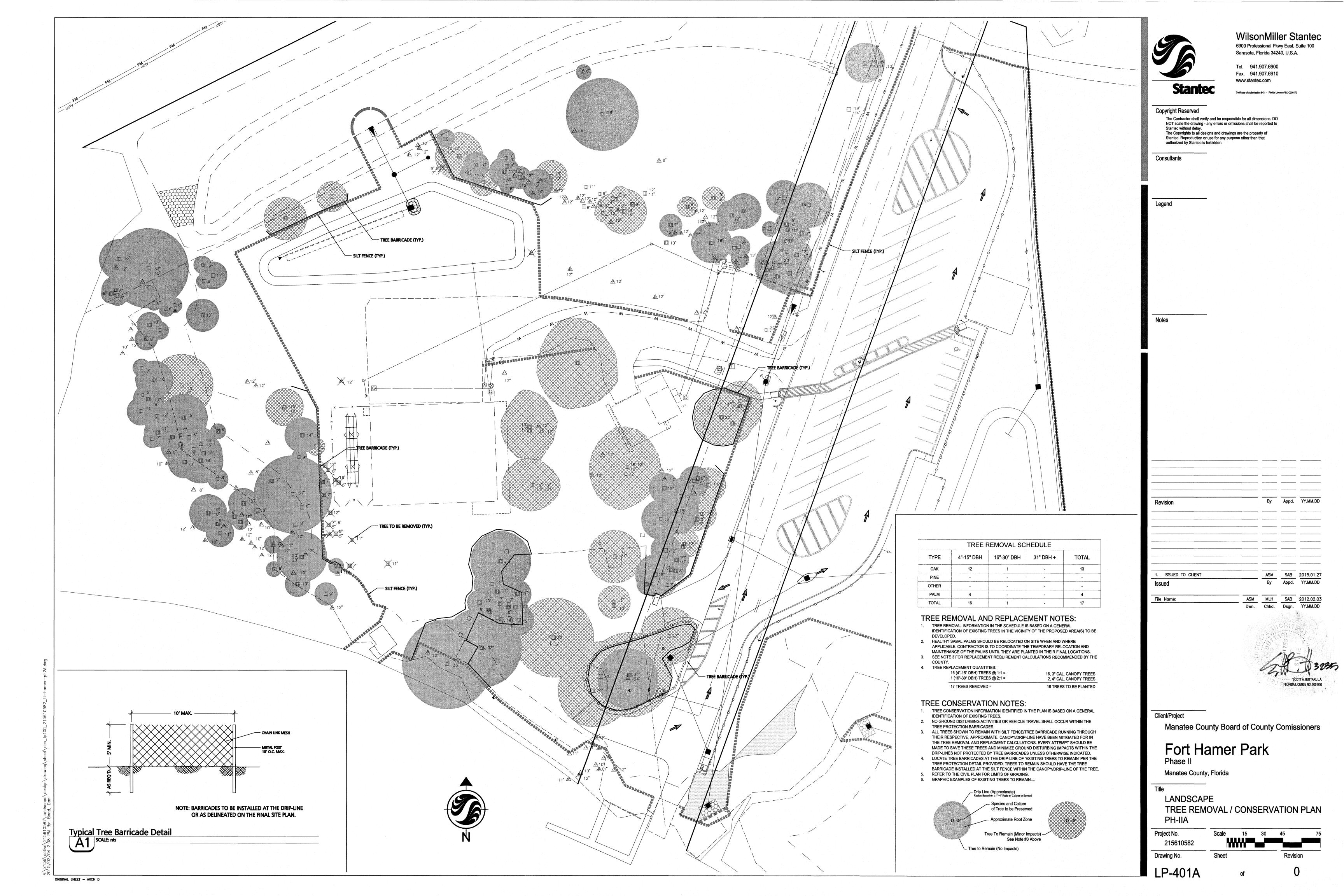


o opadica cast bullet		VOIA1	טאט	2013.01.23
B Add (2) QVs, Update Existing T	ree Canopy	ATO	SAB	2013.01.09
A Added Visibility Triangles		ASM	SAB	2012.10.19
Revision		Ву	Appd.	YY.MM.DD
			. <u> </u>	
1 ISSUED TO CLIENT		ASM	SAB	15.01.27
Issued		Ву	Appd.	YY.MM.DD
File Name:	ASM	MLH	SAB	2012.02.03
	Dwn.	Chkd.	Dsgn.	YY.MM.DD

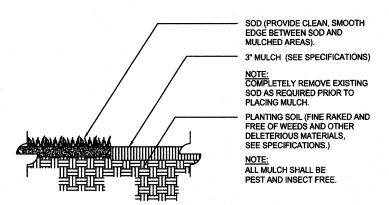
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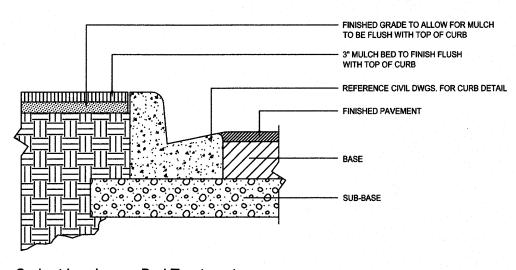




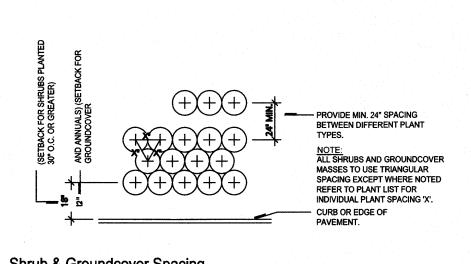


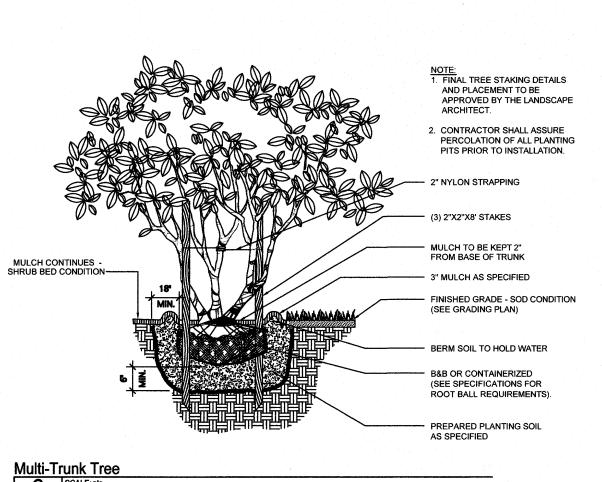
- 2. CONTRACTOR SHALL NOTIFY ALL PERTINENT UTILITY COMPANIES 48 HOURS MINIMUM PRIOR TO DIGGING FOR VERIFICATION OF ALL UNDERGROUND UTILITIES. PLANS ARE PREPARED ACCORDING TO THE BEST INFORMATION AVAILABLE AT THE TIME OF PREPARING THESE DOCUMENTS.
- 3. THE CONTRACTOR SHALL BECOME COMPLETELY FAMILIAR WITH EXISTING SITE CONDITIONS PRIOR TO BEGINNING INSTALLATION. ALL EXISTING SITE IMPROVEMENTS, PAVING, LANDSCAPE, LIGHTING, AND OTHER SITE ELEMENTS TO REMAIN SHALL BE PROTECTED FROM DAMAGE UNLESS OTHERWISE NOTED.
- 4. UNLESS OTHERWISE NOTED, THE LIMITS OF CONSTRUCTION ARE THE CLEARING LIMITS NOTED ON THE
- 5. THE CONTRACTOR SHALL REPORT ANY DISCREPANCIES BETWEEN THE CONSTRUCTION DRAWINGS AND ACTUAL FIELD CONDITIONS TO THE OWNER'S REPRESENTATIVE IMMEDIATELY.
- 6. THE CONTRACTOR SHALL COORDINATE ALL WORK WITH RELATED CONTRACTORS AND WITH THE GENERAL CONSTRUCTION OF THE PROJECT IN ORDER TO NOT IMPEDE THE PROGRESS OF WORK OF OTHERS OR THE CONTRACTOR'S OWN WORK.
- 7. CONTRACTOR SHALL BE RESPONSIBLE TO REMOVE ALL EXISTING GROUND COVERS FOR ALL NEW PLANTING BEDS BY APPROVED MEANS PRIOR TO PLANTING INSTALLATION. CONTRACTOR SHALL BE RESPONSIBLE TO REPLACE ALL DAMAGED PORTIONS OF EXISTING PLANTING OR LAWN AREAS INDICATED TO REMAIN WHILE COMPLETING NEW PLANTING INSTALLATION WORK WITH SAME KIND OF PLANTS OR GRASS TO THE SATISFACTION OF THE OWNER AT NO ADDITIONAL COST.
- 8. THE CONTRACTOR SHALL BEAR ALL COST ASSOCIATED WITH SOIL TESTING AND SOIL AMENDMENTS AS REQUIRED AS A RESULT OF THE SOIL TESTING LABORATORY'S RECOMMENDATIONS. PRIOR TO INITIATING INSTALLATION THE CONTRACTOR SHALL PROVIDE SOIL TEST FOR AT LEAST TWO ON-SITE LOCATIONS.
- 9. ALL PLANT CONTAINER SIZES NOTED ON THE PLANT LIST/MATERIAL SCHEDULE ARE MINIMUM. INCREASE SIZE OF CONTAINERS IF NECESSARY TO CONFORM TO THE PLANT SIZE AND SPECIFICATIONS.
- 10. EROSION CONTROL MATERIAL SHALL BE INSTALLED IN ALL SHRUB AND GROUND COVER PLANTING AREAS AS PER THE DETAILS AND/OR SPECIFICATIONS FOR ALL SLOPES THAT ARE GREATER THAN 3:1 (SLOPES 1' VERTICAL FOR EVERY 3' HORIZONTAL). SEE CIVIL ENGINEERING PLANS FOR LOCATIONS WHERE SLOPES ARE GREATER THAN 3:1.
- 11. SHRUB AND GROUND COVER PLANTINGS ARE TYPICALLY SHOWN ON THE PLANS IN MASS PLANTING BEDS. PLANTS SHALL BE SET IN A TRIANGULAR SPACING PATTERN (STAGGERED SPACING). PLANT CENTER TO CENTER DIMENSIONS (O.C.) ARE INDICATED IN THE PLANT LIST.
- 12. LANDSCAPE CONTRACTOR SHALL FIELD ADJUST THE LOCATION OF PLANT MATERIAL AS NECESSARY TO AVOID DAMAGE TO EXISTING TREES AND UNDERSTORY VEGETATION TO REMAIN, UNDERGROUND AND ABOVE GROUND UTILITIES AND ALL OTHER ABOVE GROUND ELEMENTS. ALL CHANGES REQUIRED SHALL BE COORDINATED WITH THE OWNER'S REPRESENTATIVE AND THE LANDSCAPE ARCHITECT PRIOR TO INITIATING ANY CHANGES.
- 13. WHEN NECESSARY, PLANTING WITHIN THE DRIPLINE/CANOPY OF EXISTING TREES SHOULD BE DONE IN THE MOST SENSITIVE MANNER POSSIBLE IN ORDER TO AVOID ROOT DAMAGE. ALL NEW PLANTINGS WITHIN THE DRIPLINE/CANOPY SHOULD BE HAND-DUG AND FIELD ADJUSTED TO AVOID ROOTS AS NECESSARY.
- 14. ANY SUBSTITUTIONS TO PLANT MATERIAL SIZE OR TYPE MUST BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. LANDSCAPE CONTRACTOR SHALL NOT MAKE ANY SUBSTITUTIONS OR ALTERATIONS TO THE LANDSCAPE PLANTING PLANS OR PLANT LIST & MATERIALS WITHOUT THE PRIOR APPROVAL OF THE LANDSCAPE ARCHITECT AND OWNER'S REPRESENTATIVE. ANY LANDSCAPE PLANTING INSTALLED THAT DOES NOT CONFORM TO THE PLANS, PLANT LIST AND SPECIFICATIONS SHALL BE REPLACED IMMEDIATELY TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE AND LANDSCAPE
- 15. CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING AS REQUIRED TO MAINTAIN AND ESTABLISH ALL PLANTING (NEW, EXISTING TO BE RELOCATED, AND EXISTING PLANTINGS TO REMAIN WHILE IRRIGATION SYSTEM IS BEING INSTALLED OR REPAIRED) TO SUPPLEMENT IRRIGATION AND RAINFALL. THE IRRIGATION SYSTEM IS DESIGNED TO MAINTAIN THE LANDSCAPE PLANTINGS AND NOT ESTABLISH THEM. THE CONTRACTOR IS RESPONSIBLE FOR WATERING IN ALL PLANTING AREAS, REGARDLESS OF THE STATUS OF EXISTING OR PROPOSED IRRIGATION SYSTEMS.
- 16. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING. IN FULL, ALL PLANTING AREAS (INCLUDING WATERING. SPRAYING, MULCHING, MOWING, FERTILIZING, AND WEEDING, ETC.) UNTIL THE JOB IS ACCEPTED
- 17. CONTRACTOR SHALL ASSURE DRAINAGE AND PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION OF PLANT MATERIAL. CORRECT IF REQUIRED TO ASSURE PERCOLATION. CONTRACTOR IS RESPONSIBLE FOR REPLACEMENT OF ALL PLANTS LOST DUE TO INADEQUATE DRAINAGE CONDITIONS.
- 18. CONTRACTOR SHALL CLEAN THE WORK AREAS AT THE END OF EACH WORKING DAY. LANDSCAPE RUBBISH AND DEBRIS SHALL BE COLLECTED AND DEPOSITED OR RECYCLED OFF-SITE DAILY. ALL MATERIALS, PRODUCTS, AND EQUIPMENT STORED ON-SITE SHALL BE KEPT IN AN ORGANIZED MANNER DAILY.
- 19. CONTRACTOR SHALL RE-GRADE ALL AREAS DISTURBED BY PLANT REMOVAL, RELOCATION, AND/OR FROM INSTALLATION WORK. THE CONTRACTOR SHALL REPLACE BY EQUAL SIZE AND QUALITY ANY AND ALL EXISTING PLANT MATERIAL DISTURBED OR DAMAGED BY PLANTING REMOVAL, RELOCATION, AND/OR INSTALLATION.
- 20. EXISTING TREES OR OTHER PLANT MATERIAL INDICATED ON THE PLANS TO BE RELOCATED SHALL BE HANDLED, CARED FOR, AND MAINTAINED AS NEW PLANTINGS. THE CONTRACTOR IS RESPONSIBLE FOR ANY REQUIRED ROOT PRUNING, WRAPPING, TREE SPADING OR BALL AND BURLAPPING, ADDITIONAL SUPPLEMENTAL HAND WATERING, IRRIGATION MISTERS INSTALLED AT THE TREE CANOPY, OR ANY OTHER SOUND HORTICULTURAL PRACTICE REQUIRED TO ENSURE THE SURVIVAL OF ALL RELOCATED PLANT
- 21. THE CONTRACTOR SHALL REFER TO THE LANDSCAPE PLANTING DETAILS, SPECIFICATIONS, PLANT LIST AND PLANS FOR FURTHER AND COMPLETE PLANTING INSTALLATION INSTRUCTIONS.
- 22. LANDSCAPE CONTRACTOR SHALL FULLY FAMILIARIZE HIMSELF / HERSELF WITH THE PROJECT PRIOR TO BIDDING THE WORK.
- 23. FOR SITE GRADING AND CONTOUR INFORMATION, EXISTING VEGETATION TO REMAIN, BUILDINGS AND OTHER SITE FEATURE LOCATIONS AND THE LOCATION OF ALL ABOVE AND BELOW GROUND UTILITIES SEE THE MOST CURRENT AND UP TO DATE ARCHITECTURAL, CIVIL, ELECTRICAL, STRUCTURAL AND MECHANICAL ENGINEERING DRAWINGS AS PROVIDED BY THE OWNER OR OWNER'S REPRESENTATIVE. FIELD LOCATE ALL UNDERGROUND UTILITIES, EXISTING VEGETATION TO REMAIN AND ANY OTHER OBSTRUCTIONS AND COORDINATE WITH OWNER'S REPRESENTATIVE PRIOR TO INITIATING ANY LANDSCAPE PLANTING OR IRRIGATION INSTALLATION WORK. LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING OR REPLACING ANY DAMAGE COMMITTED TO EXISTING OR PROPOSED ELEMENTS ABOVE OR BELOW GROUND TO ITS ORIGINAL CONDITION AND TO THE SATISFACTION OF THE OWNER AND OWNER'S REPRESENTATIVE
- 24. LANDSCAPE CONTRACTOR SHALL FIELD STAKE THE LOCATION OF ALL PLANT MATERIAL AND EDGES OF PLANTING BEDS FOR THE REVIEW AND APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO INITIATING ANY INSTALLATION OF THE LANDSCAPE PLANTINGS.
- 25. LANDSCAPE CONTRACTOR SHALL COORDINATE WORK WITH THE IRRIGATION CONTRACTOR AND ALL OTHER TRADES AS REQUIRED.
- 26. THE CONTRACTOR SHALL REQUEST INSPECTION OF THE PROJECT IN WRITING A MINIMUM OF THREE (3) DAYS PRIOR TO DESIRED INSPECTION DATE. IF ALL WORK IS SATISFACTORY AND COMPLETE IN ACCORDANCE WITH CONDITIONS OF CONTRACT DOCUMENTS, THEN THE OWNER AND LANDSCAPE ARCHITECT SHALL DECLARE THE WORK SUBSTANTIALLY COMPLETE. THE CONTRACTOR IS TO REPLACE REJECTED PLANT MATERIAL WITHIN ONE (1) WEEK OF NOTICE.
- 27. GUYING/STAKING PRACTICES SHALL NOT PERMIT NAILS, SCREWS, WIRES, ETC., TO PENETRATE OUTER SURFACE OF THE TREE OR PALM. PLANT MATERIAL REJECTED DUE TO THIS PRACTICE SHALL BE REPLACED AT THE CONTRACTORS EXPENSE. REMOVAL OF ALL STAKING AND GUYING OF TREES AND PALMS AFTER FINAL ACCEPTANCE SHALL BE THE RESPONSIBILITY OF THE OWNER.
- 28. ALL PLANT MATERIAL SHALL BE FLORIDA NO.1 OR BETTER AT TIME OF INSTALLATION AND SHALL BE MAINTAINED IN THIS SAME CONDITION UNTIL FINAL ACCEPTANCE. THE CONTRACTOR GUARANTEES THE PLANT MATERIAL FOR A PERIOD OF ONE (1) YEAR FOLLOWING DATE OF SUBSTANTIAL COMPLETION.
- 29. ALL PLANTS MUST BE HEALTHY, VIGOROUS MATERIAL. FREE OF PESTS AND DISEASE, ALL PLANT MATERIAL SHALL BE IN FULL AND STRICT ACCORDANCE TO FLORIDA NO.1 GRADE, ACCORDING TO THE GRADES AND STANDARDS FOR NURSERY PLANTS, PUBLISHED BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES. PLANT MATERIAL IN SOME INSTANCES EXCEED NO.1 GRADE IN ORDER TO MEET THE MINIMUM REQUIREMENTS OF THIS PROJECT.





NOTE: PLANT MATERIAL SHALL BE PLANTED 2" HIGH WITH SOIL MOUNDING UP TO THE <u>NOTE:</u> CONTRACTOR SHALL ASSURE - 3" MINIMUM OF MULCH PERCOLATION OF ALL - BERM SOIL TO HOLD WATER MINIMUM DEPTH OF 12" PLANTING SOIL FOR GROUNDCOVER BED EXCAVATE ENTIRE BED SPECIFIED FOR GROUND COVER BED. PREPARED PLANTING SOIL AS SPECIFIED. NOTE: WHEN USED IN MASSES, ENTIRE BED TO BE EXCAVATED TO RECEIV PLANTING SOIL AND PLANT MATERIAL - EXCEPT WHEN





PLANT SCHEDULE

NOTE: THIS PLANT LIST IS FOR REVIEW AND APPROVAL PURPOSES, PLAN TO BE APPROVED BY COUNTY AND CLIENT PRIOR TO BIDDING

	Scientific Name	Common Name	Specification	Qty.
	TREES			
MG	Magnolia grandiflora	Southern Magnolia	14'-16' OA Ht. x 5' Spr., 4" Cal., Full To Base	2
QV	Quercus virginiana	Live Oak	15' OA Ht. x 6' Spr., 4" Cal.	13
TA	Taxodium distichum	Bald Cypress	12'-15' OA Ht. x 4' Spr., 3" Cal.	17
UP	Ulmus parviofolia 'Emer II' pp7552	Allee Elm	15' Ht. x 7' Spr., 4" Cal., 6' CT	14
	PALMS			
SBX	Sabal palmetto	Cabbage Palm	12', 14', 16' CT, Mix (2-12', 2-14', 1-16'), HC, Booted	5
SPX	Sabal palmetto	Cabbage Palm	10', 12', 14' CT, Mix, HC, Slick (CW to 6' below CT height)	44
	SHRUBS / GROUNDCOVERS			
ACD	Acrostichum danaeifolium	Leather Fern	3 Gal., 24" Ht. OA., Full, Plant in clusters of 3 plants	15
LAD	Lantana depressa	Florida Lantana	1 Gal., Full, 30" OC	439
LIS	Liatris spicata	Blazing Star Liatris	1 Gal., Full, 30" OC, Plant in clusters of 3-5 plants	104
мин	Muhlenbergia capillaris	Muhly Grass	1 Gal., 12" OA., 30" OC	320
NEF	Nephrolepis falcata	Macho Fern	3 Gal., 24" OA, 36" OC	25
SPB	Spartina bakerii	Sand Cordgrass	1 Gal., 12" OA., 30" OC	320
SPL	Serenoa repens	Saw Palmetto	3 Gal., 14" OA, 48" OC	174
TRD	Tripsacum dactyloides	Fakahatchee Grass	3 Gal., 18" OA, 48" OC	12
VIO	Viburnum obovatum 'Mrs Shillers Delight'	Mrs Shillers Delight Viburnum	3 Gal., 18" OA, 48" OC	98
VIS	Viburnum odoratissimum	Sweet Viburnum	3 Gal., 24" OA, Space as indicated in plan	175
ZAM	Zamia pumila	Coontie	3 Gal., 18" OA, 36" OC	210
	OTHER			
SOD	Cynodon transvaalensis x C. dactylon	Tifway 419 Bermudagrass	Solid Sod, Sand Grown, Laid, Rolled, Free of Weeds and Pests	SF

*Liatris clusters(3-5 plants per) are to be planted randomly throughout Muhly Grass planting beds. 5'-10' between clusters where possible (typ.)

CONTRACTOR SHALL ASSURE

O BE APPROVED BY OWNER

PERCOLATION OF ALL

FINAL TREE STAKING

- PROTECT TREE TRUNK WITH

THREE 2" X 4" X 8" STAKES

FROM BASE OF TRUNK

- 3" MULCH AS SPECIFIED

— SOIL BERM TO HOLD WATER

B&B OR CONTAINERIZED (SEE SPECIFICATIONS FOR

PREPARED PLANTING SOIL

NOTE: CONTRACTOR SHALL ASSURE PERCOLATION

OF ALL PLANTING PITS PRIOR TO INSTALLATION

" NYLON STRAPPING

D MINIMUM 4'-6' HT.

FROM BASE OF TRUNK

3" MULCH AS SPECIFIED

BERM SOIL TO HOLD

- 2" X 4" X 3' STAKES

BURIED 3" BELOW

FINISHED GRADE.

SOD CONDITION

FOR ROOT BALL

SOIL AS SPECIFIED

B&B OR CONTAINER

SEE SPECIFICATIONS

REPARED PLANTING

WRAPPED 360 D AROUND

WRAP @ LATERAL BRANCH

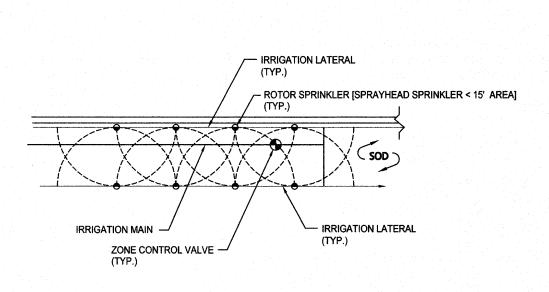
FINISHED GRADE

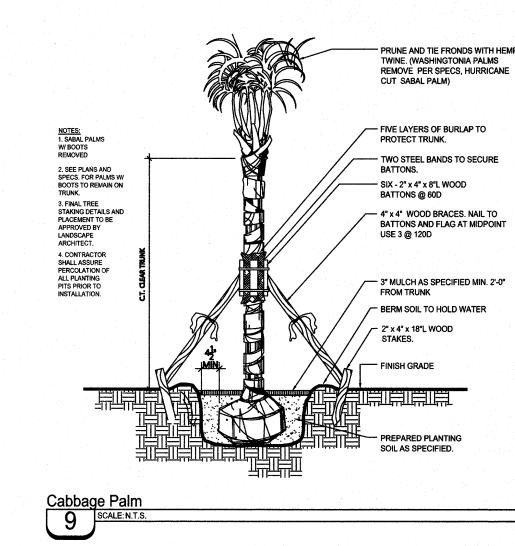
PLANTING PITS PRIOR TO

DETAILS AND PLACEMENT

IRRIGATION NOTES

- ALL PROPOSED LANDSCAPING TO IRRIGATED BY A 100% AUTOMATIC SYSTEM. IRRIGATION SYSTEM SHALL NOT BE INSTALLED THROUGH EXISTING PLANT COMMUNITIES.
- 3. IRRIGATION SPRINKLER ZONES TO BE SEPERATE FOR HIGH AND LOW WATER REQUIREMENT PLANT AREAS AND OPERATED ON DIFFERENT WATERING
- SCHEDULES. 4. IRRIGATION OVERTHROW TO NON-PERVIOUS AND NATURAL AREAS TO MINIMIZED.
- A RAIN SENSOR IS TO BE INSTALLED WITH THE IRRIGATION SYSTEM CONTROLLER. 6. IRRIGATION PIPINGTO BE LOCATED WITHIN PLANTING OR SODE AREAS WHEREVER FEASIBLE. PIPING UNDER ROADS TO BE INSTALLED WITHIN SCHEDULE 40 PVC
- 7. ALL TREE, SHRUB, AND GROUNDCOVER AREAS ARE TO BE FULLY IRRIGATED WITH DRIP / MICRO IRRIGATION, LOW-VOLUME EMITTERS. ALL SOD AREAS TO BE IRRIGATED WITH ROTOR OR SPRAY HEAD SPRINKLERS SPACED TO PROVIDE 100%
- COVERAGE 8. A "Y" TYPE FILTER SHALL BE INSTALLED AT THE HEAD END OF LOW VOLUME LINES AND IN-LINE PRESSURE REGULATORS TO REDUCE PRESSURE NO MORE THAN 15 PSI
- SHALL BE UTILIZED. 9. NON-POTABLE IRRIGATION LINES TO BE PURPLE IN COLOR.







WilsonMiller Stantec 6900 Professional Pkwy East, Suite 100 Sarasota, Florida 34240, U.S.A.

Tel. 941.907.6900 Fax. 941.907.6910 www.stantec.com

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Rev Plant Schedule ATO SAB 2013.01.09 ISSUED TO CLIENT ASM SAB 2015.01.27 Appd. YY.MM.DD MLH SAB 2012.02.03 File Name: Chkd.



Manatee County Board of County Comissioners

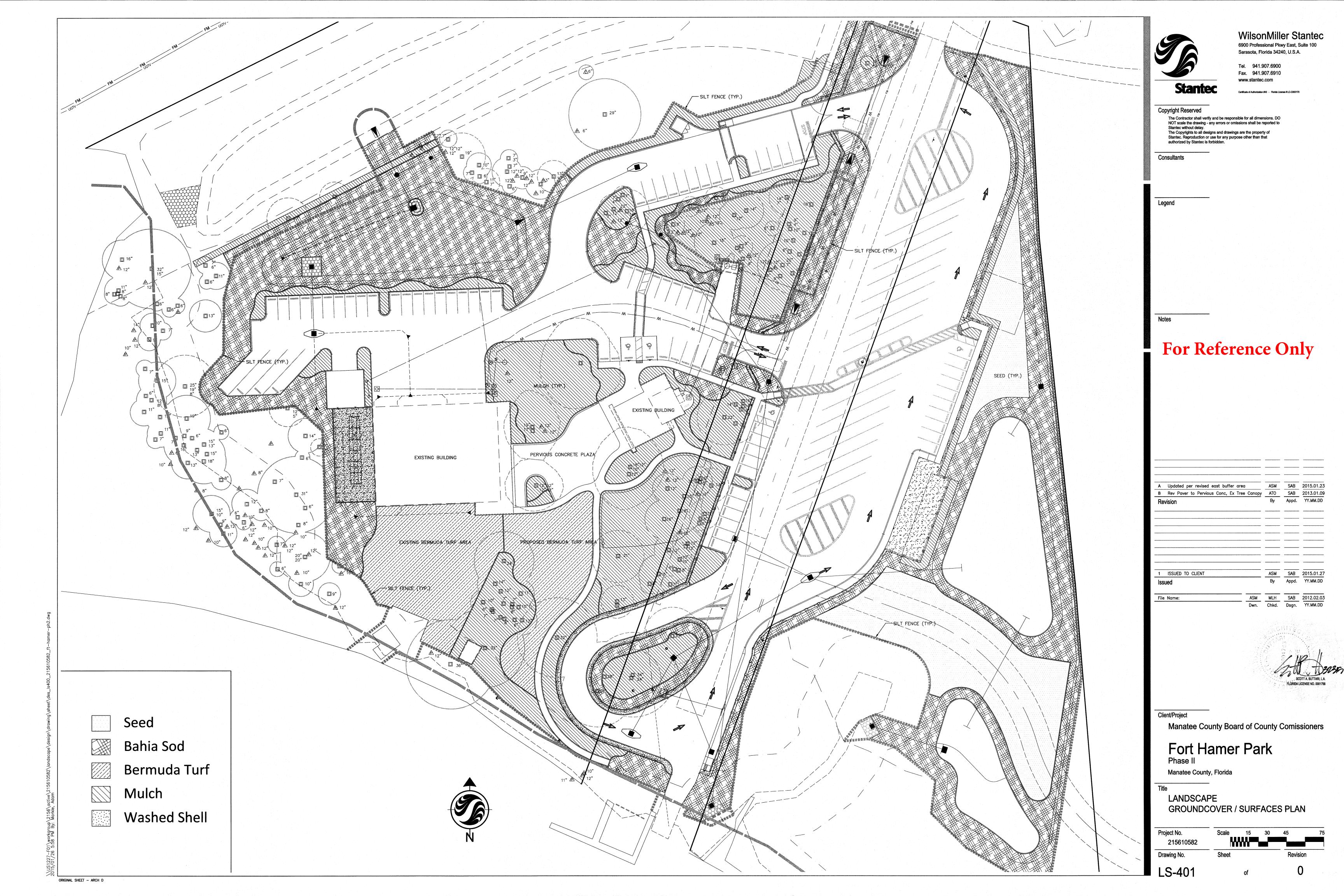
Fort Hamer Park

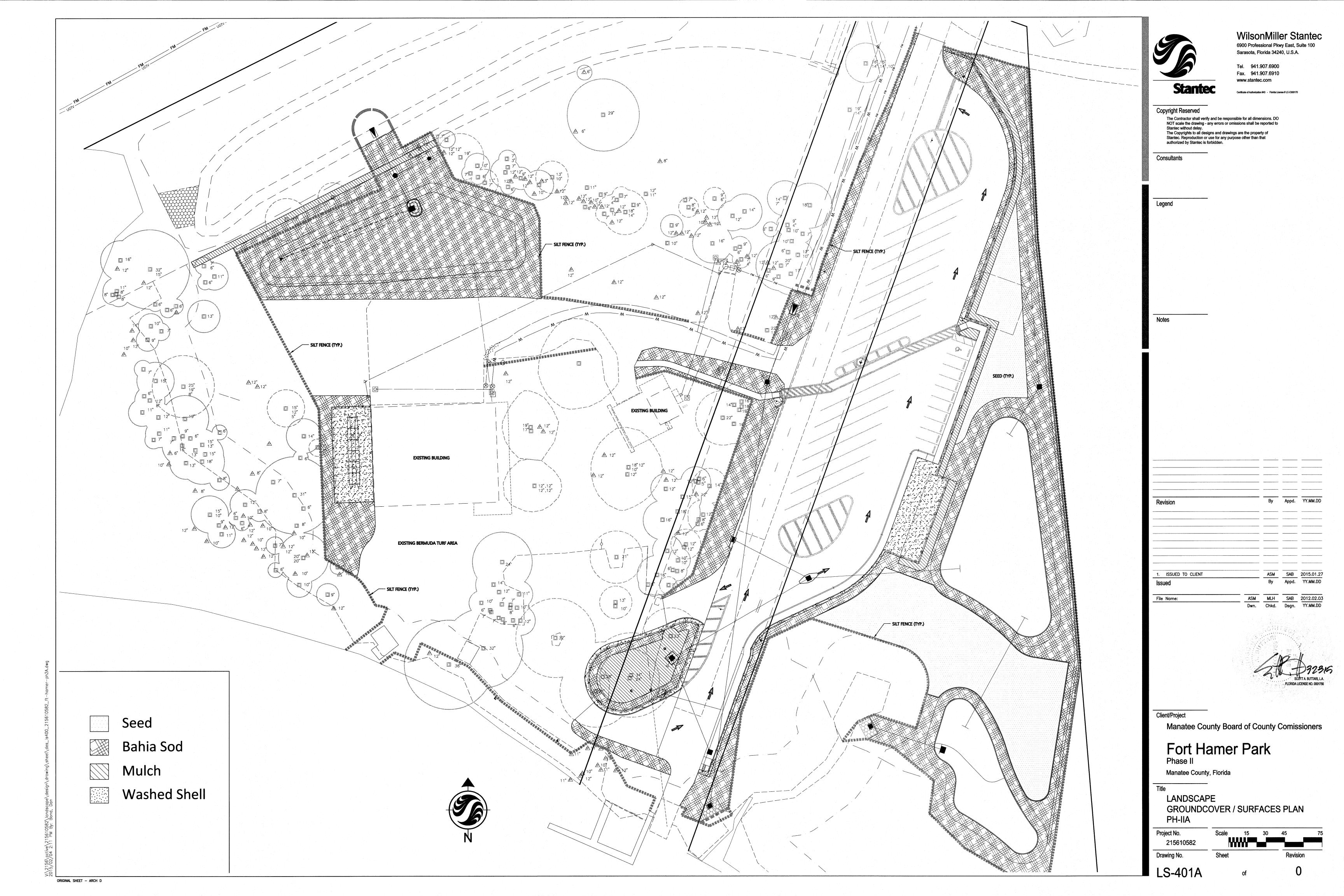
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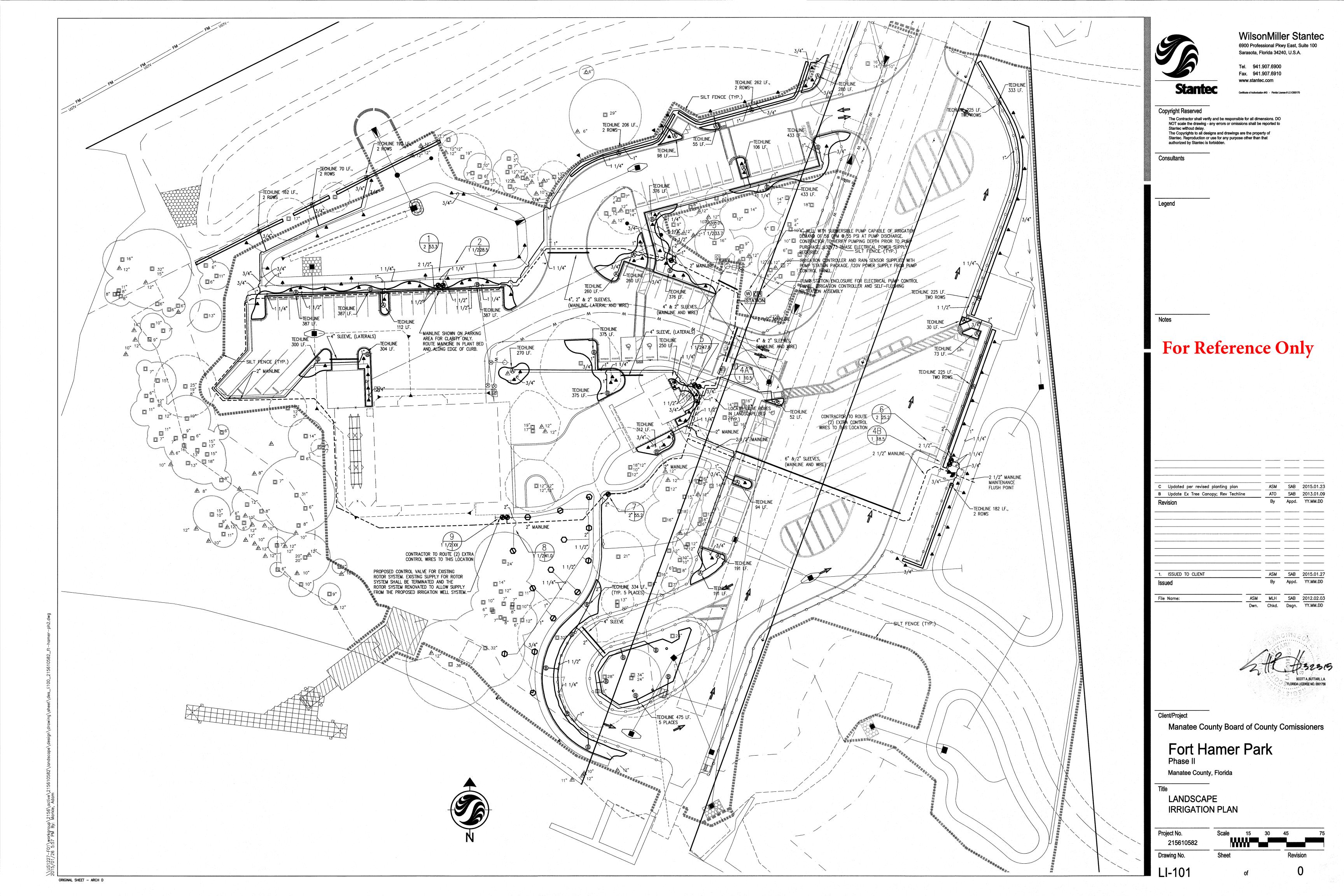
LANDSCAPE PLANTING NOTES & DETAILS

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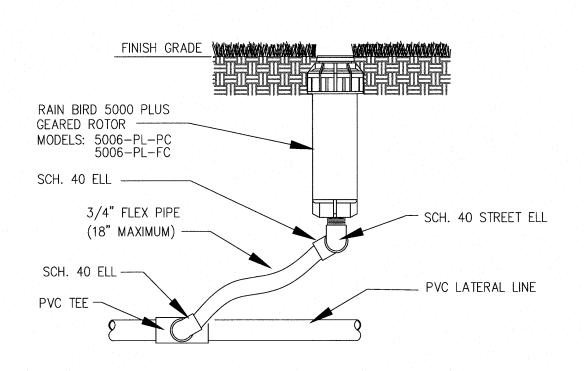
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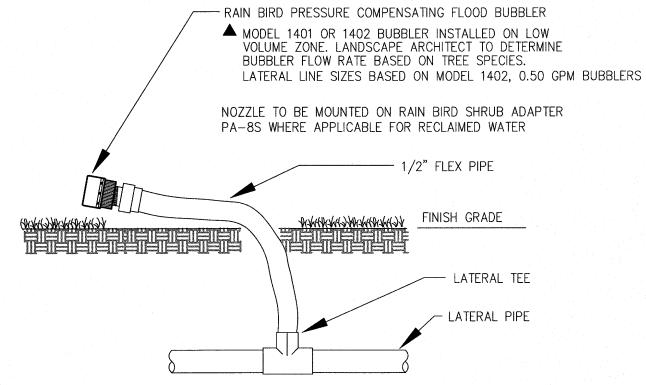


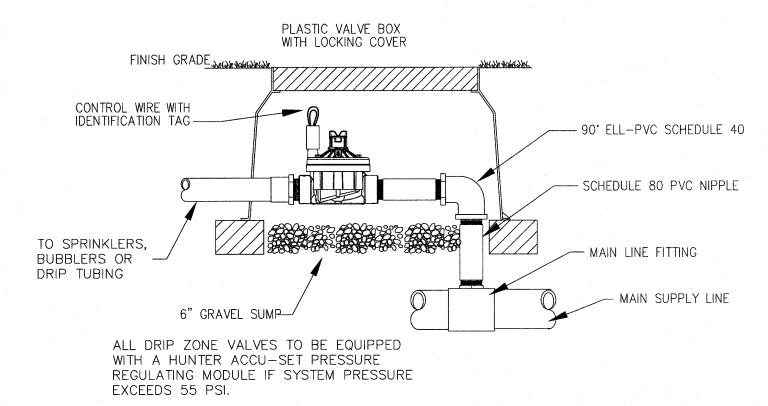


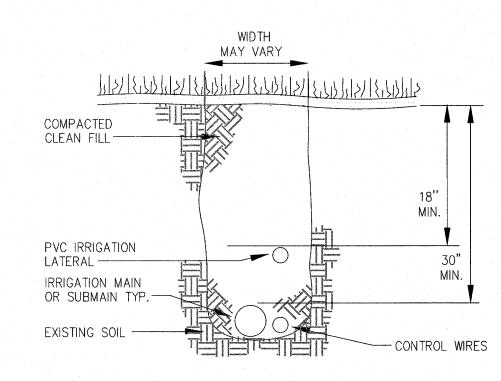












TRENCHING DETAIL

RAIN BIRD 5000 PLUS SERIES ROTOR

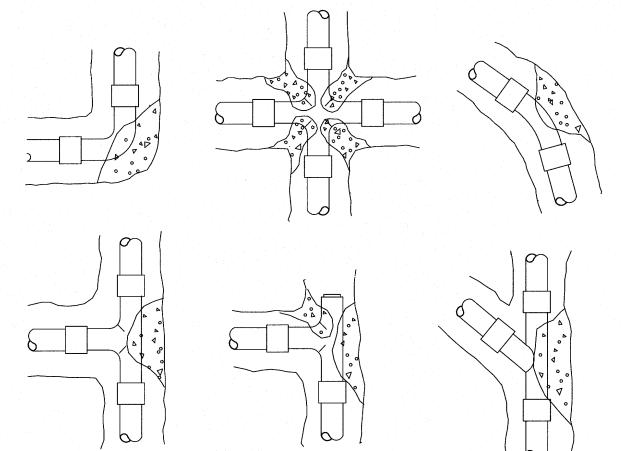
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HUNTER ICV SERIES CONTROL VALVE

NTS

NTS

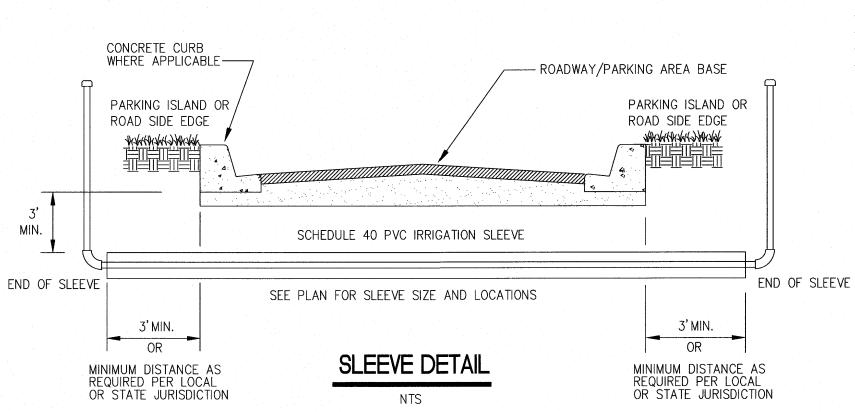


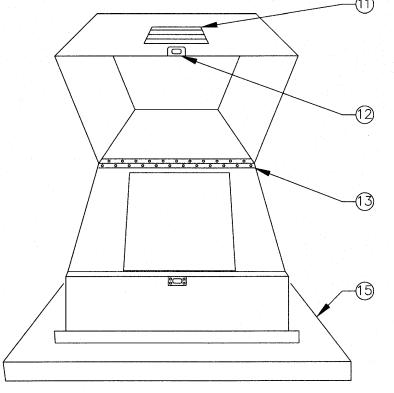
INSTALLATION NOTES

- 1. 3000 PSI CONCRETE OR BETTER IS TO BE USED FOR THRUST BLOCKS. 2. FOR 45'/90' FITTINGS, MINIMUM OF 2 CUBIC FEET OF CONCRETE TO BE USED.
 3. FOR 22 1/2' FITTINGS, MINIMUM OF 0.5 CUBIC FEET OF CONCRETE TO BE USED.
- 4. FOR TEES, MINIMUM OF 2 CUBIC FEET OF CONCRETE TO BE USED.
- THRUST BLOCKS REQUIRED FOR IRRIGATION MAINLINE 2" AND LARGER.

THRUST BLOCK REINFORCEMENT

NTS





NOTE: Fiberglass Reinforced Enclosure with Forest Green Chemical & Ultraviolet Grade Gelcoat Finish. Maintain 3' clerance from all sides of pumpstation.

- 1) DISCHARGE ISOLATION VALVE 2) METER / MAIN VALVE W / PULSE OUTPUT
- 3) 2 GALLON PRESSURE TANK 4) ROLL GROOVE MANIFOLD 5) CHECK VALVE (SET IN WELL)
- 6) DISCHARGE FILTERS WITH 120 MESH W/ AUTOMATIC FLUSH CONTROLLER
- 7) 7.5 HP SUBMERSIBLE PUMP (60 GPM @ 55 PSI) SET IN WELL 8) 47"W X 56"L X 45"H FOREST GREEN FIBERGLASS FLIP TOP COVER 9) 52"W X 62"L WELDED ALUMINUM FRAME
- 10) UL LISTED CONTROL PANEL W/ VFD CONTROLLS IN A FIBERGLASS ENCLOSURE WITH FAULT RESET/DETECTION VIA HUNTER CONTROLLER, LOSS OF PRIME, LOW & HIGH PRESSURE, AND TRANSIENT SURGE
- 11) 8" X 16" VENT (FRONT AND REAR) 12) STAINLESS STEEL LOCKABLE HASP 13) STAINLESS STEEL HINGE AND HARDWARE
- 14) HUNTER PRO-C CONTROLLER W/ HUNTER MINI CLIK 15) 5'W X 7'L X 4"T CONCRETE SLAB
- 16) PROPOSED 4" WELL

NOTE: DISCHARGE PIPES & HEADER TO IRRIGATION MAIN SHALL BE SCHEDULE 40 GALVANIZED STEEL PIPE WITH GALV. ROLL GROOVE FITTINGS. PUMP DROP PIPE SHALL BE HDPE HEAT FUSED OR EQUAL AS APPROVED BY OWNER. SET PUMP 80' ON REQUIRED SIZED PIPE AS DICTATED BY PUMP OUTLET SIZE. INSTALL MOTOR CABLE SPLICE BETWEEN MOTOR AND CONTROL PANEL IN NEMA 4X JUNCTION BOX ADJACENT TO WELL IN ACCORDANCE WITH ELECTRICAL CODES. WELL DRILLER SHALL NOTIFY THE PUMP SYSTEM MANUFACTURER IN WRITING WITHIN 24 HOURS OF DEVELOPING THE WELL IF THE WELL PUMPING LEVEL IS GREATER THAN 25' BELOW FINISHED GRADE AFTER 8 HOURS OF CONTINUOUS PUMPING AT 125% OF THE DESIGN FLOW BELOW.

PROVIDE MINIMUM OF 4' CLEARANCE ON ALL SIDES OF PUMP SYSTEM PUMP PERFORMANCE NAPLES ELECTRIC

60 GPM @ 55 PSI MOTOR WORKS, INC. 230 VOLT 3 PHASE 30 AMP. MODEL # VFD-NETA-SUB-7.5-230-3

2088 J&C BLVD NAPLES, FL 34109

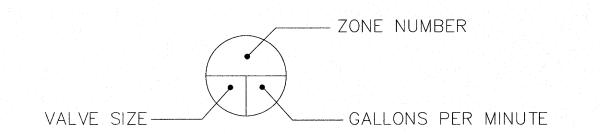
PUMP STATION DETAIL

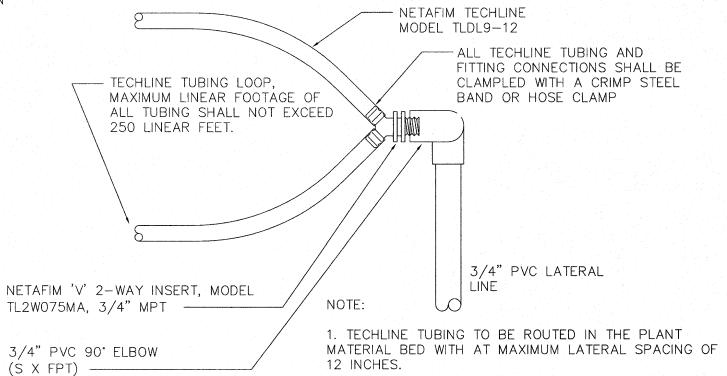
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CONTROLLER SCHEDULE

NTS

ZONE	GPM	VALVE SIZE	TYPE
1 2 3 4A 4B	53.3 28.5 33.7 10.5 18.5 29.0	2" 1 1/2" 1 1/2" 1" 1"	DRIP BUBBLER DRIP BUBBLER BUBBLER
5 6 7 8 9	47.8 25.2 55.2 41.0 XX	1 1/2" 2" 2" 1 1/2" 1 1/2"	DRIP DRIP DRIP ROTOR ROTOR





* NOT TO EXCEED 4 GPM OR (250 LF TECHLINE) FOR EACH SUPPLY POINT

2. TECHLINE TUBING TO BE ROUTED ALONG EACH SIDE OF PLANT MATERIAL WHERE APPLICABLE FOR HEDGE ROW

3. TECHLINE TUBING TO BE INSTALLED IN A GRID PATTERN. TECHLINE TUBING SHALL NOT BE INSTALLED IN A LONG CONTINUOUS RUN.

NETAFIM TECHLINE CONNECTION POINT "A" END FEED HEDGE ROW

Stantec

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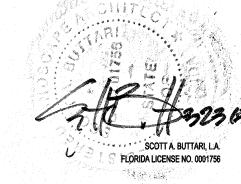
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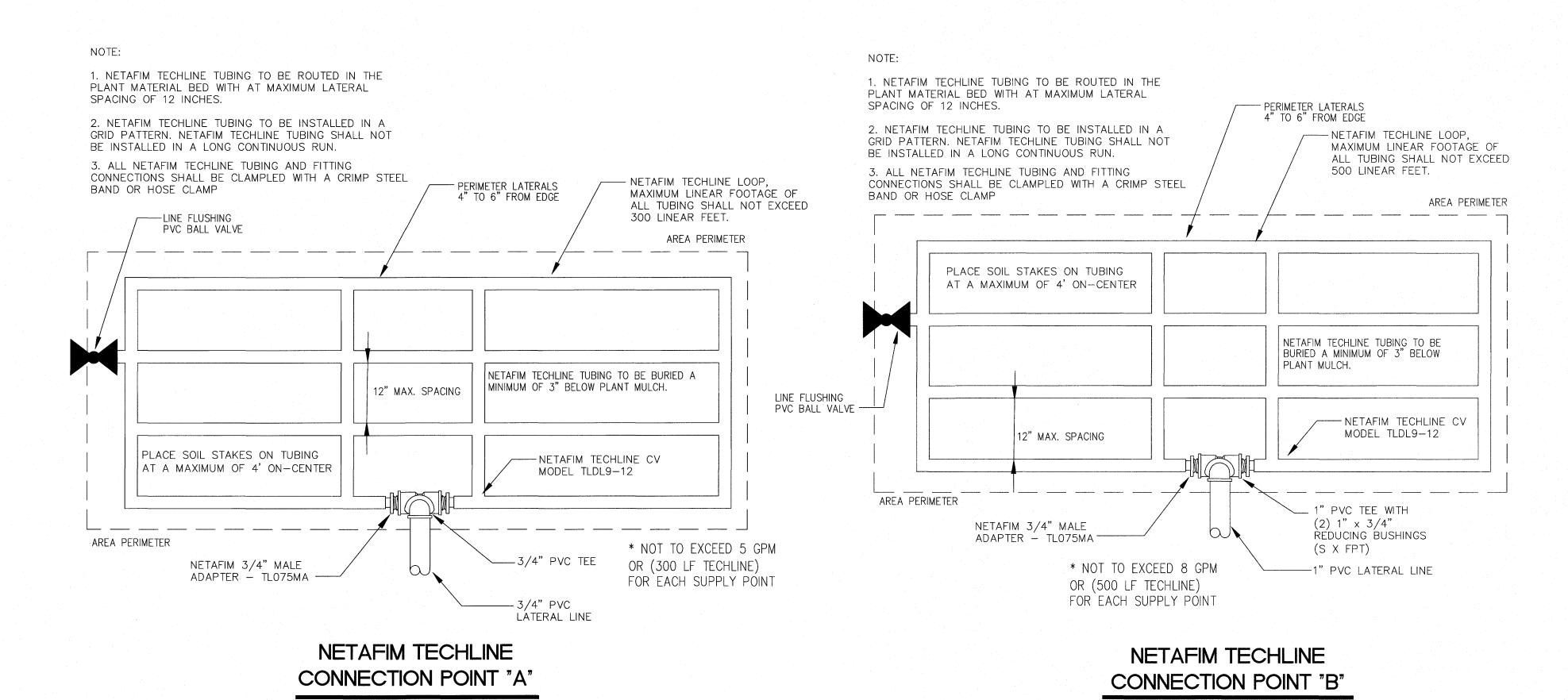
Manatee County Board of County Comissioners

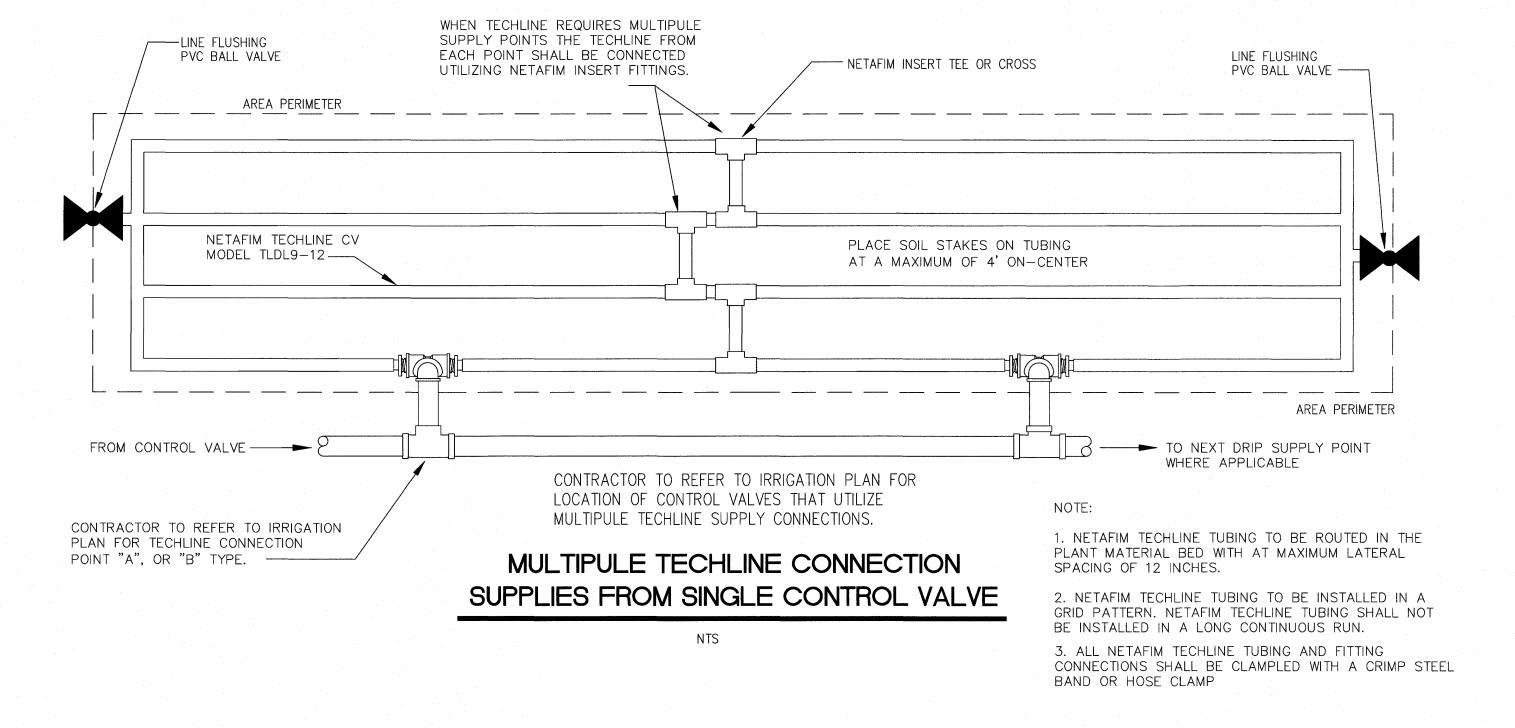
Fort Hamer Park Phase II

Manatee County, Florida

LANDSCAPE IRRIGATION DETAILS

Project No. 15 30 45 215610582 Drawing No.





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ORIGINAL SHEET — ARCH D

IRRIGATION LEGEND

RAIN BIRD 1400 PC SERIES BUBBLER

RAIN BIRD 5000 PLUS ROTOR, 5006-PL-PC-2.0 NOZZLE, 90° ADJUSTABLE

RAIN BIRD 5000 PLUS ROTOR, 5006-PL-PC-3.0 NOZZLE, 180° ADJUSTABLE RAIN BIRD 5000 PLUS ROTOR, 5006-PL-FC-6.0 NOZZLE, 360° FULL CIRCLE

HUNTER PRO-C SERIES CONTROLLER MODEL PC-900, CONTROLLER SUPPLIED WITH PUMP STATION PACKAGE

HUNTER MINI-CLIK RAIN SENSOR, SUPPLIED WITH PUMP STATION PACKAGE

HUNTER ICV SERIES ELECTRIC CONTROL VALVE

NETAFIM TECHLINE SUPPLY POINT OF CONNECTION 'A'

NETAFIM TECHLINE SUPPLY POINT OF CONNECTION 'B'

NETAFIM TECHLINE, MODEL TLDL9-1210

4" WELL WITH SUBMERSIBLE PUMP TO MEET IRRIGATION DEMAND OF 60 GPM AT 55 PSI DISCHARGE

GATE VALVE PER LINE SIZE

CLASS 200 PVC MAINLINE, SOLVENT WELD

CLASS 200 PVC LATERAL LINE, SOLVENT WELD

SCHEDULE 40 PVC SLEEVE

IRRIGATION NOTES

- VERIFY LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO INSTALLATION OF IRRIGATION SYSTEM. MAINLINE SHALL NOT BE LOCATED WITHOUT PRIOR APPROVAL OF THE PROJECT MANAGER AND THE LANDSCAPE ARCHITECT. ALL UTILITIES AND STRUCTURES MAY NOT BE SHOWN ON THESE PLANS-CONTRACTOR SHALL VERIFY.
- ALL PRESSURE MAINLINES UNDER ASPHALT PAVEMENT SHALL BE WITHIN SLEEVES AS NOTED. IRRIGATION COMMUNICATION CABLE SHALL HAVE ITS OWN SEPARATE SLEEVE. LATERAL LINES THEY SHALL BE CONTAINED WITHIN THEIR OWN SLEEVE WHERE SHOWN ON THE PLAN.
- ALL SLEEVES UTILIZED BY THE IRRIGATION CONTRACTOR, WHETHER INSTALLED BY HIM OR NOT, SHALL BE LOCATED ON THE "AS-BUILT" DRAWINGS. THE DEPTH BELOW FINISH GRADE, TO THE NEAREST FOOT OF EACH END OF EACH SLEEVE SHALL BE NOTED AT EACH SLEEVE LOCATION ON THE "AS-BUILT" DRAWINGS.
- MAINLINE AND VALVES ARE SHOWN IN SCHEMATIC FORM. LOCATE AS NOTED ON PLANS.
- LOCATE ALL VALVES A MINIMUM OF 24" FROM BACK OF CURB OR EDGE OF PAVEMENT, UNLESS NOTED OTHERWISE.
- ALL UNSIZED PIPE SHALL BE 3/4" UNLESS OTHERWISE NOTED.
- THE HEAD LAYOUT HAS BEEN DESIGNED TO PROVIDE 100% COVERAGE. ANY CHANGES MADE IN THE HEAD LAYOUT DUE TO FIELD CONDITIONS SHALL BE IN ACCORDANCE WITH THESE STANDARDS.
- SET SPRAY HEADS 3" AND ROTORS 6" IN FROM BACK OF CURB OR 12" IF PAVEMENT HAS NO CURB.
- ALL VALVES SHALL BE INSTALLED IN A CARSON VALVE BOX WITH LOCKING LID.
- IRRIGATION CONTRACTOR SHALL SECURE ANY AND ALL NECESSARY PERMITS FOR THE WORK PRIOR TO COMMENCEMENT OF HIS OPERATIONS ON-SITE. COPIES OF THE PERMITS SHALL BE SENT TO THE OWNER/GENERAL CONTRACTOR. WORK IN THE R.O.W. SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS OF LOCAL AND/OR STATE HIGHWAY JURISDICTION.
- VERIFY WELL STATION LOCATION, CONTROLLER LOCATION AND ELECTRICAL POWER LOCATION AT PROJECT SITE WITH OWNER.
- ELECTRICAL SERVICE TO THE PUMP STATION PANEL SHALL BE PROVIDED BY THE GENERAL CONTRACTOR.
- ALL 24 VAC WIRING SHALL BE OF DIRECT BURIAL COPPER WIRE AS FOLLOWS: CONTROL WIRES - #14-1 RED COMMON WIRE - #14-1 WHITE
- DURING INSTALLATION AND UPON COMPLETION OF THE IRRIGATION SYSTEM, VALVES SHALL BE WIRED TO THE CONTROLLER STATION AS PER THE IRRIGATION ZONE NUMBERS.
- INSTALLATION OF WORK SHALL BE COORDINATED WITH OTHER CONTRACTORS IN SUCH A MANNER AS TO ALLOW FOR A SPEEDY AND ORDERLY COMPLETION OF ALL WORK ON THE SITE.



WilsonMiller Stantec 6900 Professional Pkwy East, Suite 100 Sarasota, Florida 34240, U.S.A.

Tel. 941.907.6900 Fax. 941.907.6910 www.stantec.com

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Consultants

ISSUED TO CLIENT ASM SAB 2015.01.27 By Appd. YY.MM.DD ASM MLH SAB 2012.02.03 Dwn. Chkd. Dsgn. YY.MM.DD

Manatee County Board of County Comissioners

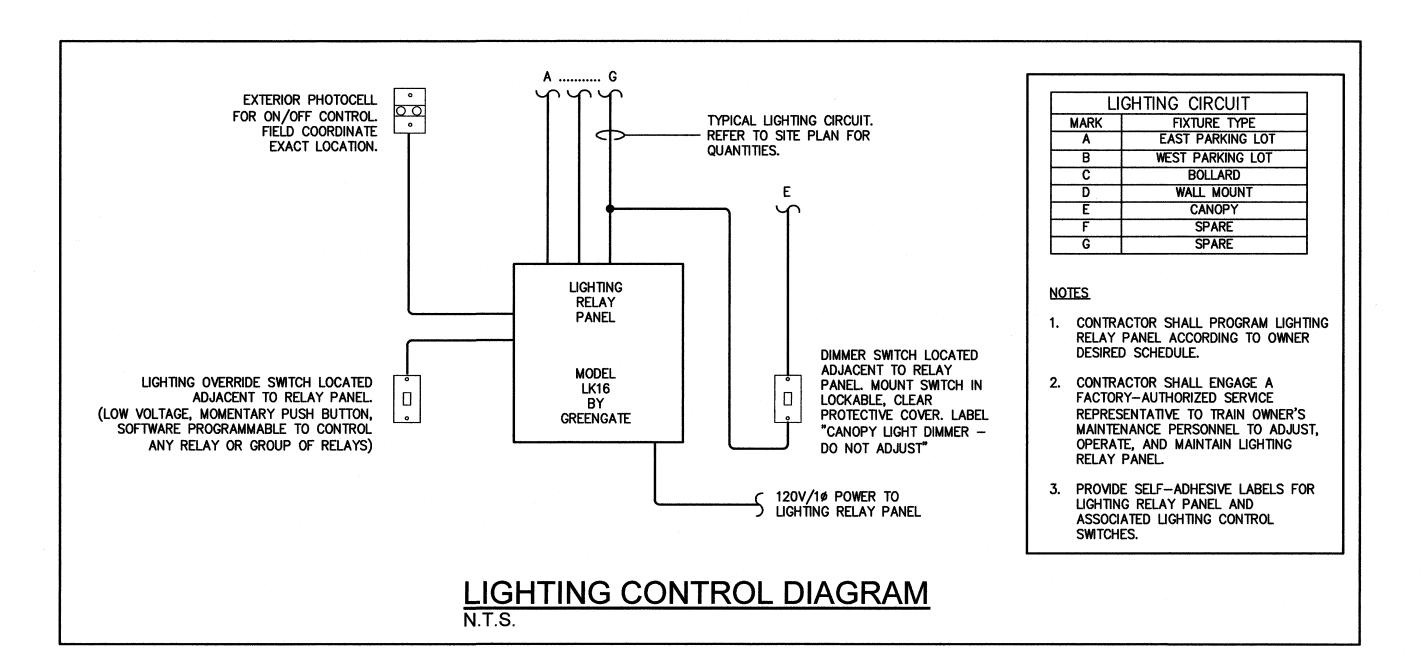
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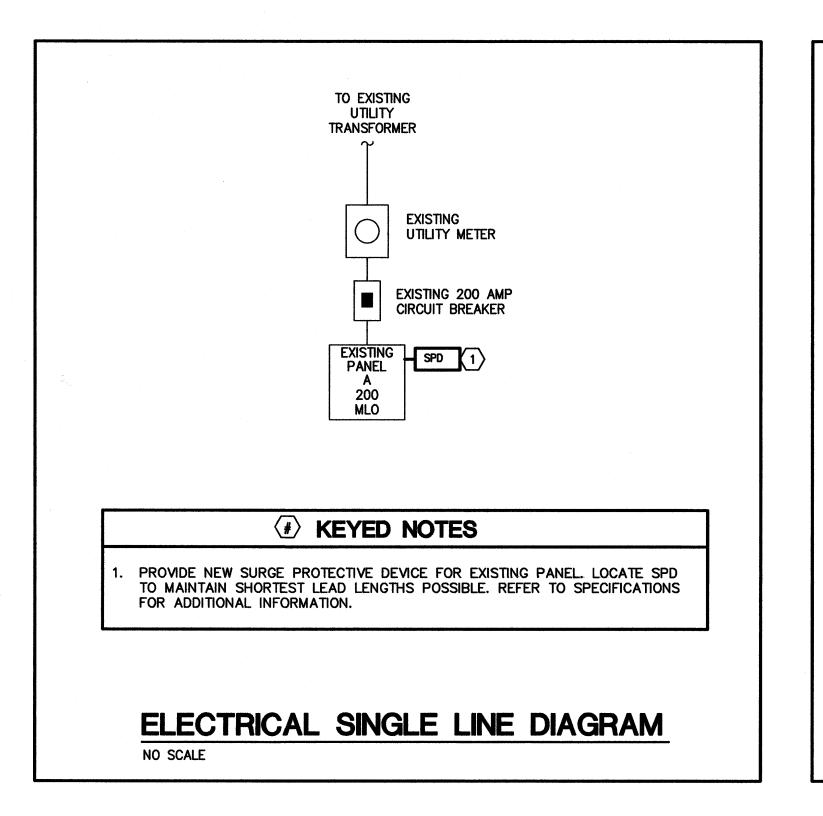
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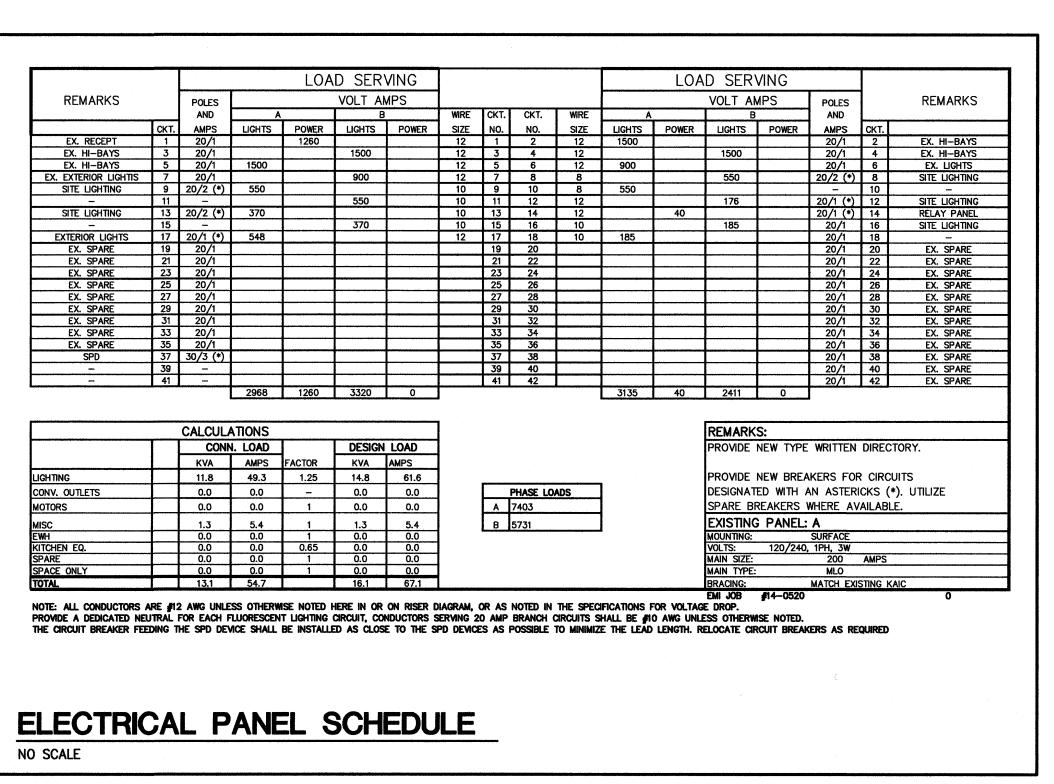
LANDSCAPE **IRRIGATION DETAILS & NOTES**

Project No. 15 30 45 215610582 Drawing No.

LI-502







GENERAL NOTES ELECTRICAL

- 1. DO NOT SCALE FROM THESE DRAWINGS.
- 2. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE.
- 3. ELECTRICAL CONTRACTOR SHALL COORDINATE WORK WITH ALL OTHER TRADES TO ASSURE PROPER CLEARANCES FOR EQUIPMENT AND TO KEEP THE JOB PROGRESSING.
- 4. ALL EXTERIOR WIRING DEVICES TO BE WEATHERPROOF AND SHALL BE G.F.I. TYPE.
- 5. CONDUIT RUNS SHOWN ARE DIAGRAMMATIC IN NATURE. CONTRACTOR IS RESPONSIBLE FOR SIZING AND LOCATING PULL BOXES PER NEC AND FOR COORDINATION WITH OTHER DISCIPLINES.
- 6. ALL H.I.D. AND FLUORESCENT LIGHT FIXTURES SHALL BE FURNISHED WITH INTEGRAL FUSING.
- 7. COORDINATE EXACT LOCATIONS OF ALL ITEMS INSTALLED ON SITE WITH CIVIL ENGINEER.
- 8. USE 10 AWG CU. CONDUCTORS FOR 20 AMPERE, 120 VOLT BRANCH CIRCUITS LONGER THAN 75 FEET, UNLESS OTHERWISE NOTED ON SITE PLAN. USE 10 AWG CU. CONDUCTORS FOR 20 AMPERE, 277 VOLT BRANCH CIRCUITS LONGER THAN 200 FEET, UNLESS OTHERWISE NOTED ON SITE PLAN.
- 9. ALL SITE LIGHTING POLES AND POLE BASES SHALL BE CAPABLE OF SUPPORTING THE ENTIRE WEIGHT AND WIND LOADS OF THE ENTIRE LIGHTING SYSTEM. SHOP DRAWINGS MUST INCLUDE DRAWINGS OF THE ENTIRE ASSEMBLY FOR EACH OF THE MOUNTING CONFIGURATIONS USED. DRAWINGS MUST BE SIGNED AND SEALED BY A FLORIDA REGISTERED STRUCTURAL ENGINEER AND DESIGNED TO THE FLORIDA BUILDING CODE WIND LOAD REQUIREMENTS FOR THE PROJECT SITE.

ELECTRICAL SYMBOL LEGEND				
SYMBOL	DESCRIPTION	MOUNTING AND NOTES		
	TYPICAL LIGHTING SYMBOL NOTES:			
	1. UPPER CASE LETTER DENOTES FIXTURE TYPE, SEE FIXTURE SCHEDULE 2. LOWER CASE LETTER DENOTES SWITCHED LEG 3. SHADED FIXTURE SYMBOL INDICATES EMERGENCY FIXTURE 4. 'NL' DENOTES NIGHT LIGHT CIRCUIT			
0-	POLE MOUNTED LIGHT FIXTURE. REFER TO LIGHT FIXTURE SCHEDULE FOR MORE INFORMATION.	SEE FIXTURE SCHEDULE		
9	WALL MOUNTED LIGHT FIXTURE. REFER TO LIGHT FIXTURE SCHEDULE FOR MORE INFORMATION.	SEE FIXTURE SCHEDULE		
0	SURFACE MOUNTED LIGHT FIXTURE. REFER TO LIGHT FIXTURE SCHEDULE FOR MORE INFORMATION.	SEE FIXTURE SCHEDULE		
	TYPICAL RECEPTACLE, OUTLET AND JUNCTION BOX SUFFIX LEGEND: WP = WEATHERPROOF GFI = GROUND FAULT INTERRUPTER UP = UP (CONDUIT) DN = DOWN (CONDUIT) E = EXISTING			
0	DUPLEX RECEPTACLE (20A, 120V).	M.H. 16" AFF U.O.N.		
(JUNCTION OR OUTLET BOX, 4" SQUARE BOX U.O.N.	AS NOTED		
	PANELBOARD, 120/240V., 1 PH., 3W	6'-6"AFF MIN. TO TOP		
o _{UP}	RACEWAY RISER, UP OR DOWN AS NOTED.	SEE SPECIFICATIONS		
/\	RACEWAY CONCEALED UNDER FLOOR, IN SLAB OR BELOW GRADE	SEE SPECIFICATIONS		
	RACEWAY CONCEALED IN WALL OR CEILING	SEE SPECIFICATIONS		
L1B-1,3	HOMERUN TO PANEL, LETTERS INDICATE PANEL, NUMBERS INDICATE CIRCUITS.	SEE SPECIFICATIONS		

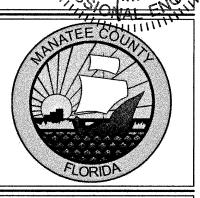
NOTE: NOT ALL SYMBOLS SHOWN IN THIS LEGEND MAY NECESSARILY APPEAR IN THESE DOCUMENTS. ADDITIONAL SYMBOLS MAY BE DEFINED ELSEWHERE IN SPECIFIC DRAWINGS. ENGINEERING MATRIX NV.

CONSULTING ENGINEERS

2860 SCHERER DRIVE, SUITE 640

ST. PETERSBURG, FLORIDA 3016
PH. CONSULTING MINING SUITE
PH. CONSULTING MINING SUITE
CERT OF ANTHORIZATION NO. 4288

2013 Philippettic Industrial D.



DRAWING PHASE:
FINAL SITE PLAN

ISSUE DATE: EMI JOB NO. 01.23.2015 14-0520

ISSUE DATE: EMI JOB NO. 14-0520

DRAWING REVISIONS:

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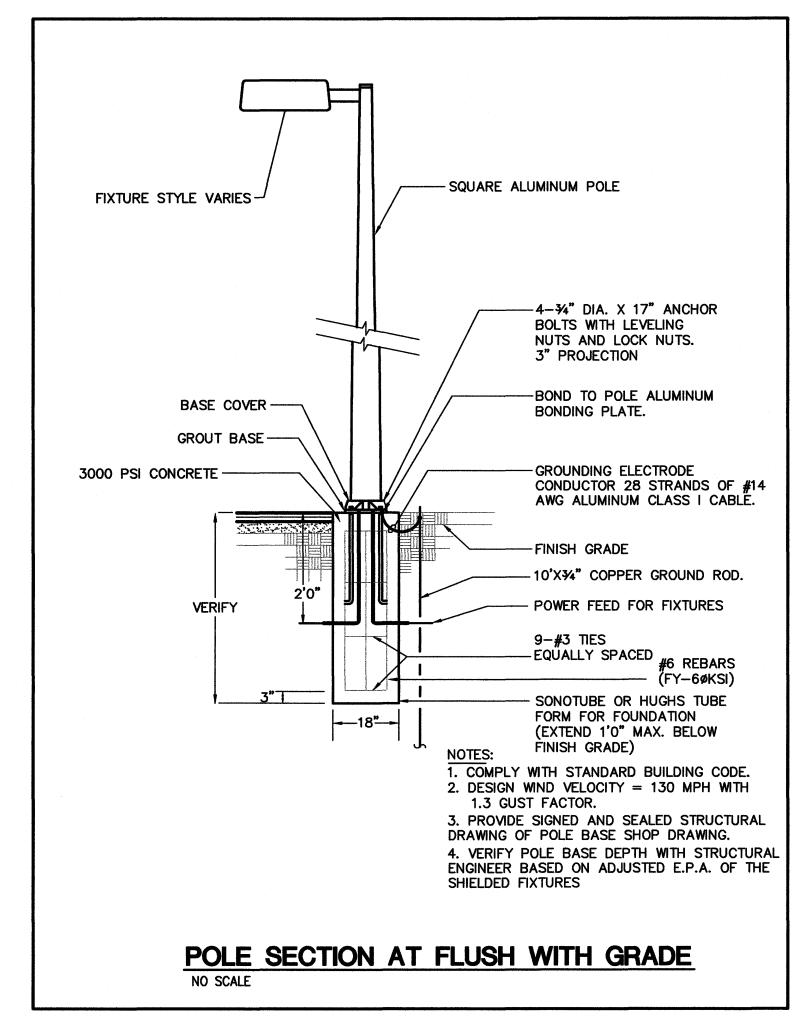
ELECTRICAL LEGEND, NOTES, & PANEL SCHEDULE

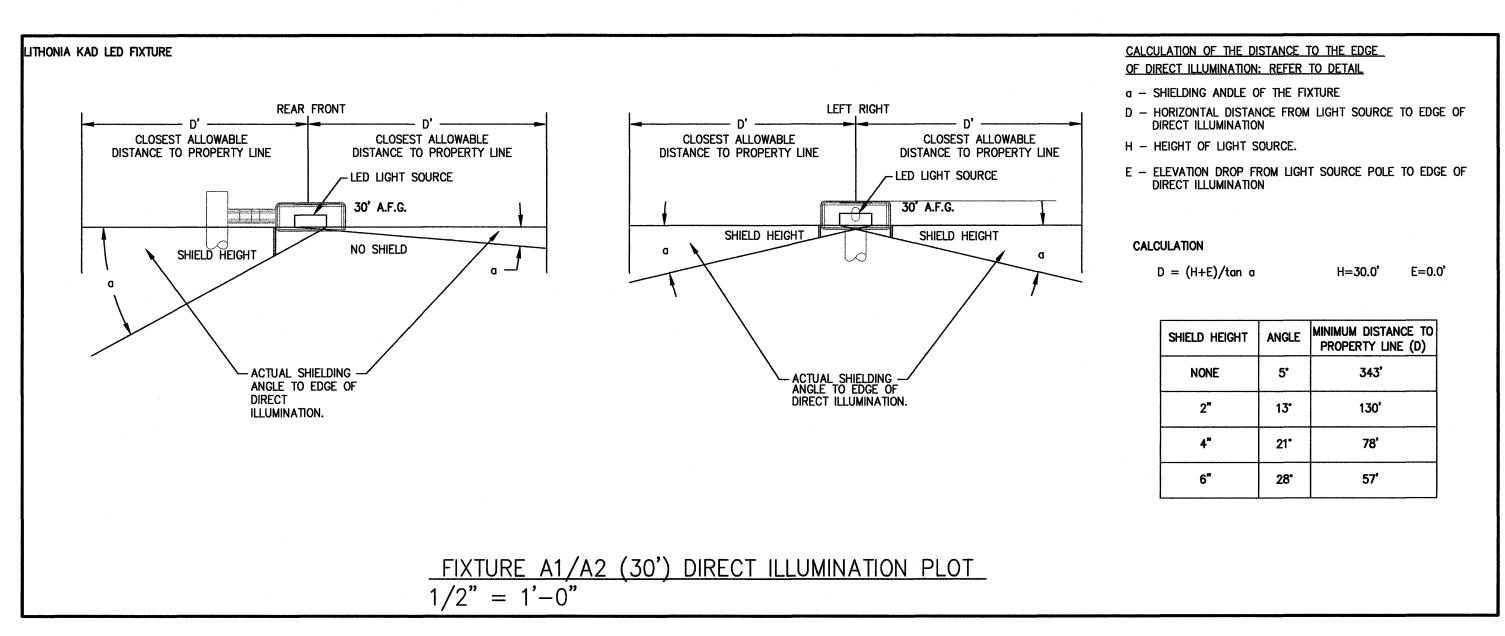
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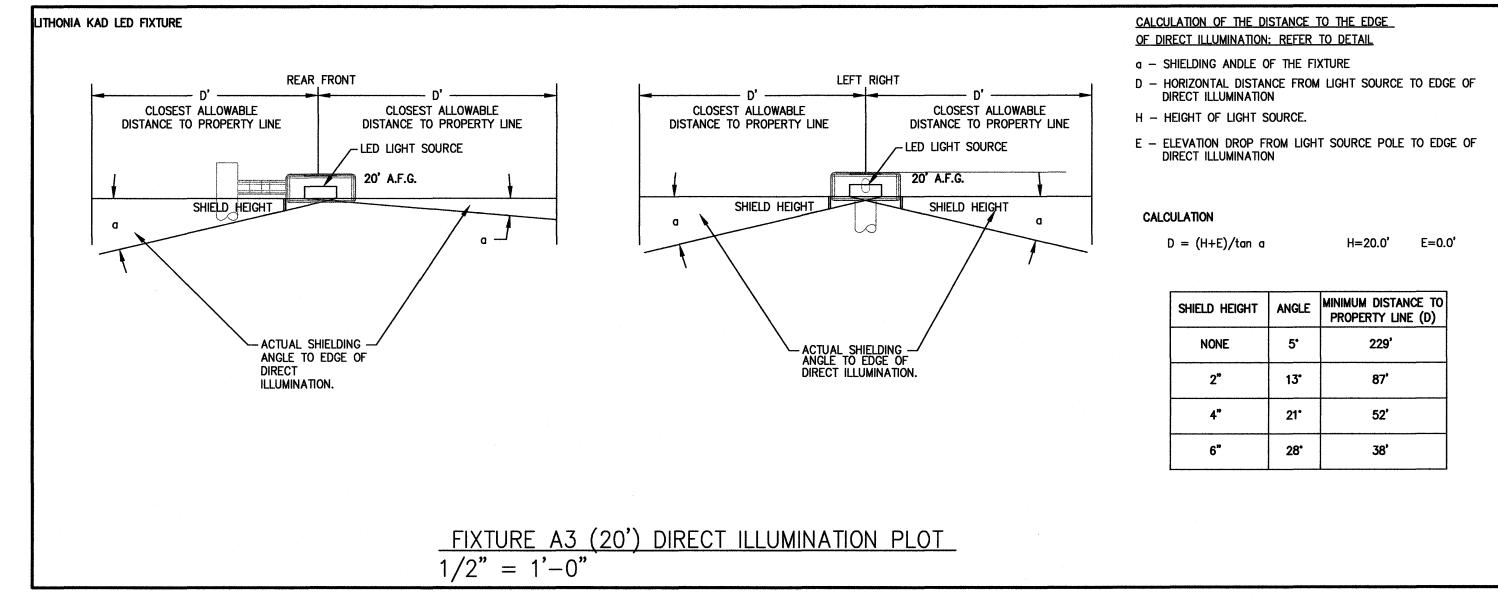
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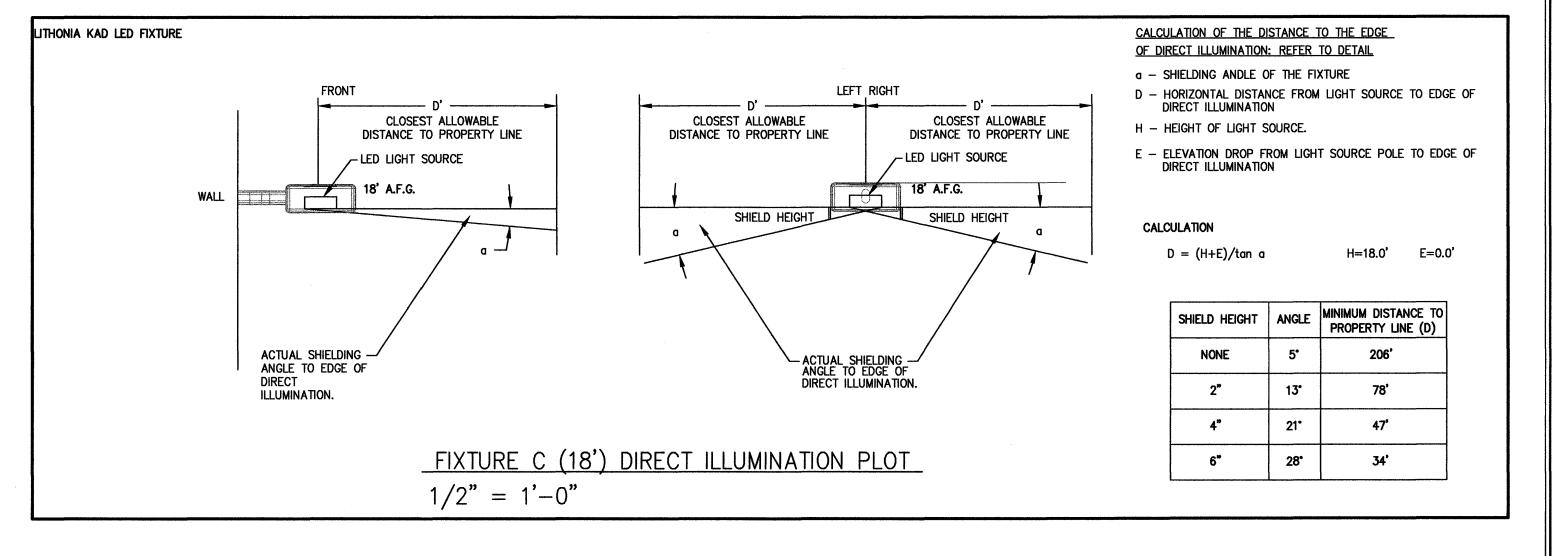
ELECTRICAL LEGEND, NOTES, AND PANEL SCHEDULE

LIGHT FIXTURE SCHEDULE							
TYPE	MANUFACTURER	CATALOG NUMBER	LAI QTY	MPS TYPE	VOLTS	MOUNTING	REMARKS
POLE 1	HAPCO OR EQUAL	SSA30F6-4-BM	ng n			CONCRETE BASE	30' SQUARE STRAIGHT ALUMINUM POLE WITH .25" WALL THICKNESS AND DARK BRONZE POWDER COAT FINISH. PROVIDE POLES FOR PARKING LOT LIGHTS AS REQUIRED. PROVIDE ALL COMPONENTS FOR MOUNTING FIXTURES. REFER TO POLE BASE DETAIL FOR MORE INFORMATION.
POLE 2	HAPCO OR EQUAL	SSA20F4-4-BM				CONCRETE BASE	20' SQUARE STRAIGHT ALUMINUM POLE WITH .25" WALL THICKNESS AND DARK BRONZE POWDER COAT FINISH. PROVIDE POLES FOR PARKING LOT LIGHTS AS REQUIRED. PROVIDE ALL COMPONENTS FOR MOUNTING FIXTURES. REFER TO POLE BASE DETAIL FOR MORE INFORMATION.
A1	LITHONIA	KAD-LED-1-63B530-40K- SR3-MVOLT-SPD-SF-DDBXD	63	LED 4000K 8988 LM 110 W	240V	4" ARM MOUNT TO 30' POLE	DIE—CAST CONTOURED ALUMINUM LED FIXTURE WITH TYPE 3 DISTRIBUTION AND DARK BRONZE FINISH. PROVIDE 4" SQUARE POLE MOUNTING ARM AND FUSING. PROVIDE SHIELDS AS NOTED ON PLAN.
A2	LITHONIA	KAD-LED-1-63B530-40K- SR4-MVOLT-SPD-SF-DDBXD	63	LED 4000K 8988 LM 110 W	240V	4" ARM MOUNT TO 30' POLE	DIE-CAST CONTOURED ALUMINUM LED FIXTURE WITH TYPE 4 DISTRIBUTION AND DARK BRONZE FINISH. PROVIDE 4" SQUARE POLE MOUNTING ARM AND FUSING. PROVIDE SHIELDS AS NOTED ON PLAN.
А3	LITHONIA	KAD-LED-1-63B350-40K- SR3-MVOLT-SPD-SF-DDBXD	63	LED 4000K 6661 LM 74 W	240V	4" ARM MOUNT TO 20' POLE	DIE—CAST CONTOURED ALUMINUM LED FIXTURE WITH TYPE 3 DISTRIBUTION AND DARK BRONZE FINISH. PROVIDE 4" SQUARE POLE MOUNTING ARM AND FUSING. PROVIDE SHIELDS AS NOTED ON PLAN.
В	STONELIGHT	8" SQUARE GRANADA CAP — COLOR "WHEAT"	1	LED 8 W	120V	CONCRETE BASE	CONCRETE BOLLARD WITH 8 WATT LED FIXTURE AND INTEGRAL DRIVER. PROVIDE FUSING. PROVIDE CONCRETE BASE PER MANUFACTURER'S REQUIREMENTS.
С	LITHONIA	KAD-LED-1-63B350-40K- SR3-MVOLT-WBD-SF-DDBXD	63	LED 4000K 6661 LM 74 W	120V	9" ARM AND BRACKET MOUNTED TO WALL AT 18' AFG	DIE-CAST CONTOURED ALUMINUM LED FIXTURE WITH TYPE 3 DISTRIBUTION AND DARK BRONZE FINISH. PROVIDE WALL BRACKET AND FUSING. PROVIDE SHIELDS AS NOTED ON PLAN.
D	LITHONIA	KACM-LED-1-49B350-40K- SR4-MVOLT-SF-DMG-VG-DDBXD	49	LED 4000K 4762 LM 59 W	120V	SURFACE MOUNT TO UNDERSIDE OF CANOPY	DIE-CAST ALUMINUM OUTDOOR LED FIXTURE WITH TYPE 4 DISTRIBUTION AND DARK BRONZE FINISH. PROVIDE DIMMING DRIVER, VANDAL GUARD, AND FUSING. PROVIDE SHIELDS AS NOTED ON PLAN.









ELECTRICAL DETAILS

NO SCALE

ENGINEERING MATRIX, INC.

CONSULTING ENGINEERS

BEG SCHERER DRIVEN SUBSCRIPT

ST. FETERSBURG, FLORIDA SCHE

FRIGZINSTA-4656 F. (727) 578-3802

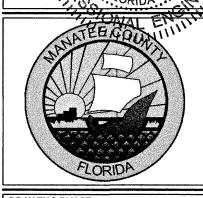
EMAIL: email@engmix.com

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DRAWING PHASE:
FINAL SITE PLAN

CONSTRUCTION DOCUMENTS
ISSUE DATE: EMI JOB NO.

DRAWING REVISIONS:

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PHASE II
7, TOWNSHIP 34 SOUTH, RANGE 19 EA

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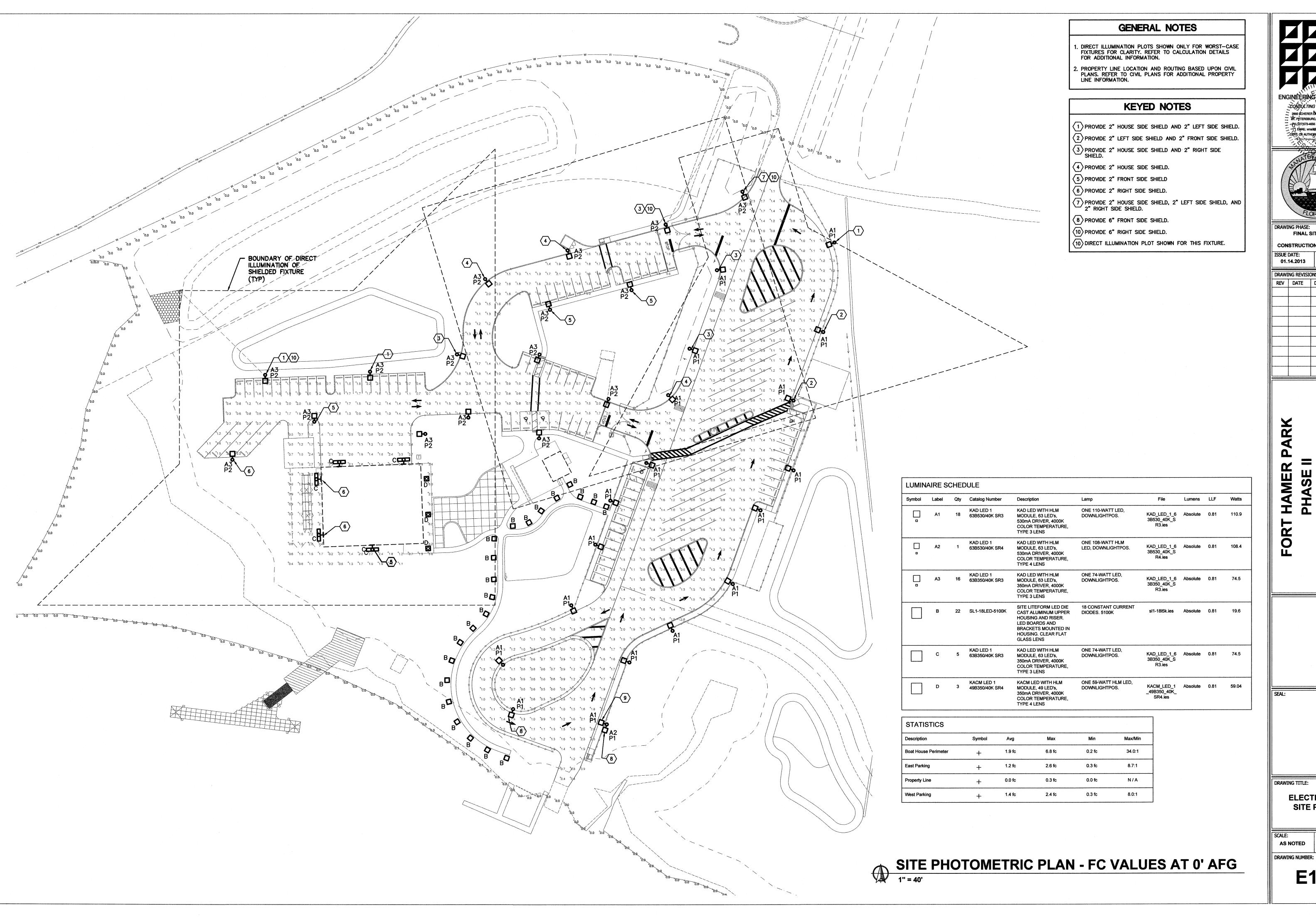
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SCALE: NORTH:
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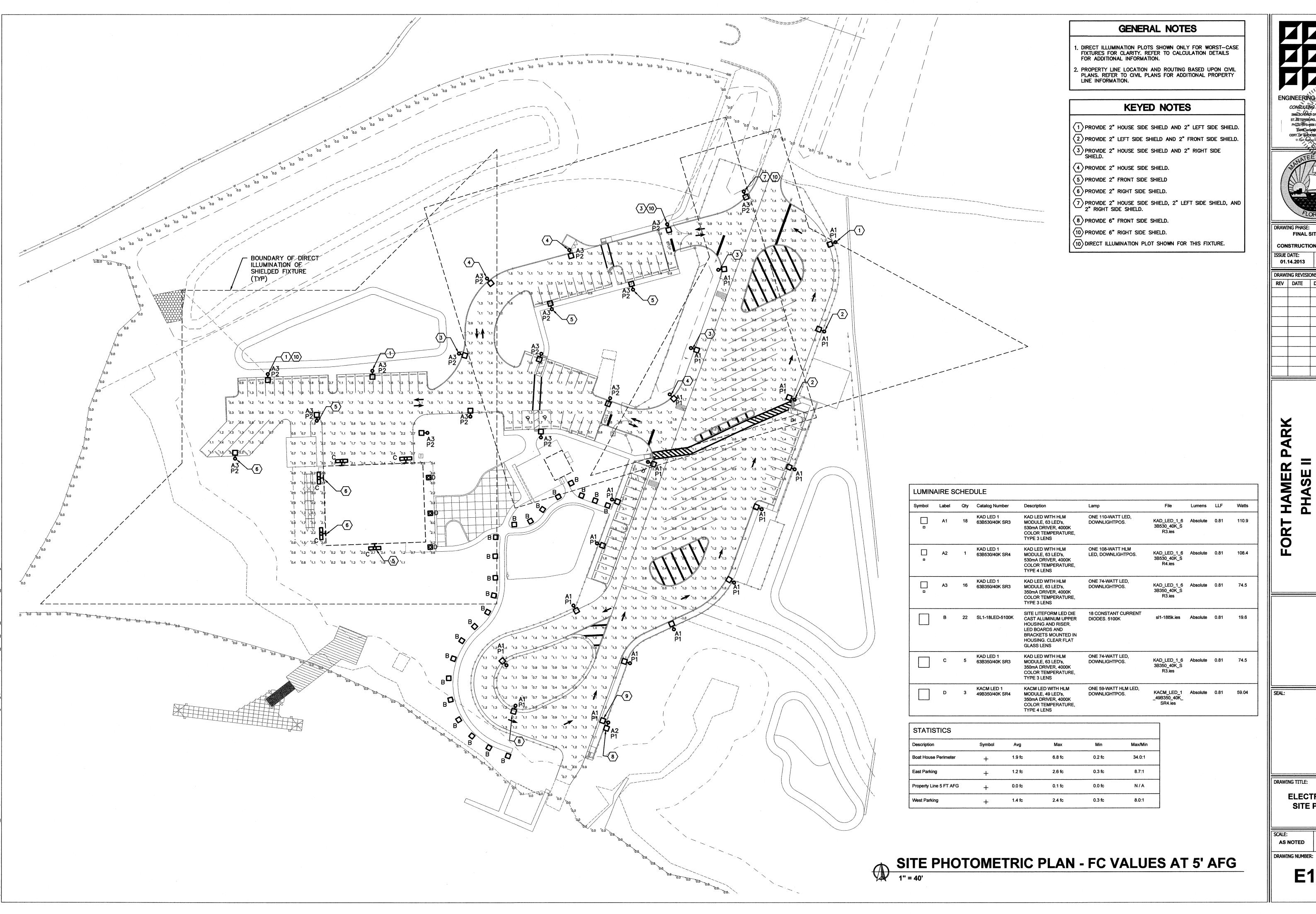
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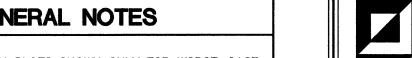
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ELECTRICAL SITE PLAN

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2860 SCHERER DRIVE, NUTE 400 ST. DETERSBURG, FLORIDA 33116 PH.(727)573-4656 F.(727)573-3902



FINAL SITE PLAN

CONSTRUCTION DOCUMENTS 01.14.2013

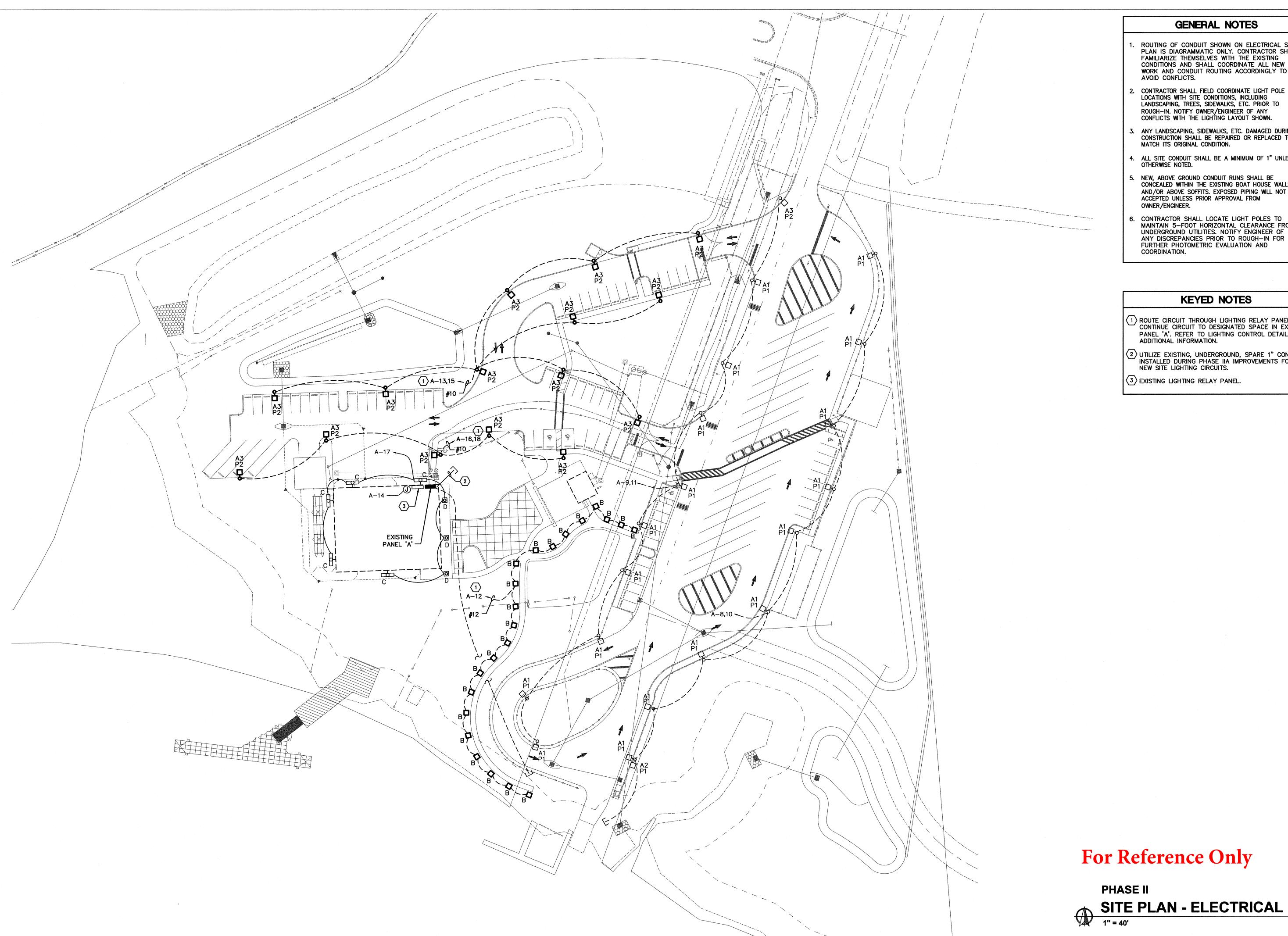
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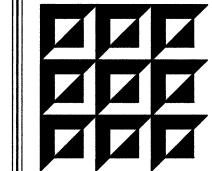


GENERAL NOTES

- . ROUTING OF CONDUIT SHOWN ON ELECTRICAL SITE PLAN IS DIAGRAMMATIC ONLY. CONTRACTOR SHALL FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS AND SHALL COORDINATE ALL NEW WORK AND CONDUIT ROUTING ACCORDINGLY TO AVOID CONFLICTS.
- 2. CONTRACTOR SHALL FIELD COORDINATE LIGHT POLE LOCATIONS WITH SITE CONDITIONS, INCLUDING LANDSCAPING, TREES, SIDEWALKS, ETC. PRIOR TO ROUGH-IN. NOTIFY OWNER/ENGINEER OF ANY CONFLICTS WITH THE LIGHTING LAYOUT SHOWN.
- 3. ANY LANDSCAPING, SIDEWALKS, ETC. DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO MATCH ITS ORIGINAL CONDITION.
- 4. ALL SITE CONDUIT SHALL BE A MINIMUM OF 1" UNLESS OTHERWISE NOTED.
- 5. NEW, ABOVE GROUND CONDUIT RUNS SHALL BE CONCEALED WITHIN THE EXISTING BOAT HOUSE WALLS AND/OR ABOVE SOFFITS. EXPOSED PIPING WILL NOT BE ACCÉPTED UNLESS PRIOR APPROVAL FROM OWNER/ENGINEER.
- . CONTRACTOR SHALL LOCATE LIGHT POLES TO MAINTAIN 5-FOOT HORIZONTAL CLEARANCE FROM UNDERGROUND UTILITIES. NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO ROUGH-IN FOR FURTHER PHOTOMETRIC EVALUATION AND COORDINATION.

KEYED NOTES

- 1) ROUTE CIRCUIT THROUGH LIGHTING RELAY PANEL. CONTINUE CIRCUIT TO DESIGNATED SPACE IN EXISTING PANEL 'A'. REFER TO LIGHTING CONTROL DETAIL FOR ADDITIONAL INFORMATION.
- UTILIZE EXISTING, UNDERGROUND, SPARE 1" CONDUITS INSTALLED DURING PHASE IIA IMPROVEMENTS FOR NEW SITE LIGHTING CIRCUITS.
- $\langle 3 \rangle$ EXISTING LIGHTING RELAY PANEL.





DRAWING PHASE: **FINAL SITE PLAN**

CONSTRUCTION DOCUMENTS

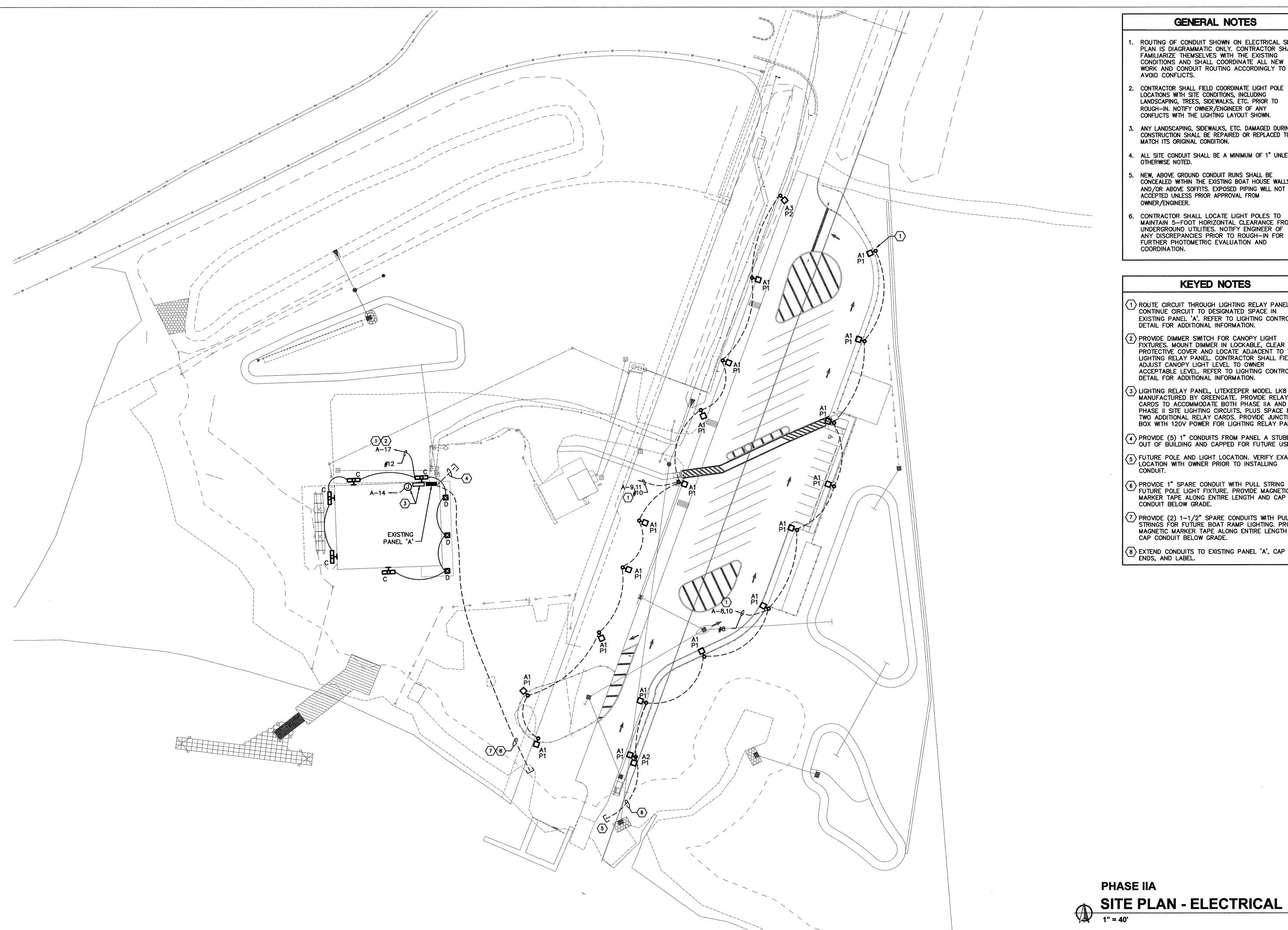
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ELECTRICAL SITE PLAN PHASE II

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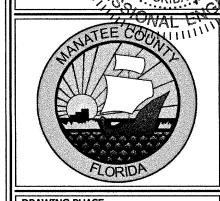


GENERAL NOTES

- 1. ROUTING OF CONDUIT SHOWN ON ELECTRICAL SITE PLAN IS DIAGRAMMATIC ONLY. CONTRACTOR SHALL FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS AND SHALL COORDINATE ALL NEW WORK AND CONDUIT ROUTING ACCORDINGLY TO AVOID CONFLICTS.
- CONTRACTOR SHALL FIELD COORDINATE LIGHT POLE LOCATIONS WITH SITE CONDITIONS, INCLUDING LANDSCAPING, TREES, SIDEWALKS, ETC. PRIOR TO ROUGH-IN. NOTIFY OWNER/ENGINEER OF ANY CONFLICTS WITH THE LIGHTING LAYOUT SHOWN.
- 3. ANY LANDSCAPING, SIDEWALKS, ETC. DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO MATCH ITS ORIGINAL CONDITION.
- 4. ALL SITE CONDUIT SHALL BE A MINIMUM OF 1" UNLESS OTHERWISE NOTED.
- 5. NEW, ABOVE GROUND CONDUIT RUNS SHALL BE CONCEALED WITHIN THE EXISTING BOAT HOUSE WALLS AND/OR ABOVE SOFFITS. EXPOSED PIPING WILL NOT BE ACCÉPTED UNLESS PRIOR APPROVAL FROM OWNER/ENGINEER.
- CONTRACTOR SHALL LOCATE LIGHT POLES TO MAINTAIN 5-FOOT HORIZONTAL CLEARANCE FROM UNDERGROUND UTILITIES. NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO ROUGH-IN FOR FURTHER PHOTOMETRIC EVALUATION AND COORDINATION.

KEYED NOTES

- ROUTE CIRCUIT THROUGH LIGHTING RELAY PANEL. CONTINUE CIRCUIT TO DESIGNATED SPACE IN EXISTING PANEL 'A'. REFER TO LIGHTING CONTROL DETAIL FOR ADDITIONAL INFORMATION.
- PROVIDE DIMMER SWITCH FOR CANOPY LIGHT FIXTURES. MOUNT DIMMER IN LOCKABLE, CLEAR PROTECTIVE COVER AND LOCATE ADJACENT TO THE LIGHTING RELAY PANEL. CONTRACTOR SHALL FIELD ADJUST CANOPY LIGHT LEVEL TO OWNER ACCEPTABLE LEVEL. REFER TO LIGHTING CONTROL DETAIL FOR ADDITIONAL INFORMATION.
- $\langle 3 \rangle$ LIGHTING RELAY PANEL, LITEKEEPER MODEL LK8 AS MANUFACTURED BY GREENGATE. PROVIDE RELAY CARDS TO ACCOMMODATE BOTH PHASE IIA AND PHASE II SITE LIGHTING CIRCUITS, PLUS SPACE FOR TWO ADDITIONAL RELAY CARDS. PROVIDE JUNCTION BOX WITH 120V POWER FOR LIGHTING RELAY PANEL.
- PROVIDE (5) 1" CONDUITS FROM PANEL A STUBBED OUT OF BUILDING AND CAPPED FOR FUTURE USE.
- 5 FUTURE POLE AND LIGHT LOCATION. VERIFY EXACT LOCATION WITH OWNER PRIOR TO INSTALLING
- 6 PROVIDE 1" SPARE CONDUIT WITH PULL STRING FOR FUTURE POLE LIGHT FIXTURE. PROVIDE MAGNETIC MARKER TAPE ALONG ENTIRE LENGTH AND CAP CONDUIT BELOW GRADE.
- 7 PROVIDE (2) 1-1/2" SPARE CONDUITS WITH PULL STRINGS FOR FUTURE BOAT RAMP LIGHTING. PROVIDE MAGNETIC MARKER TAPE ALONG ENTIRE LENGTH AND CAP CONDUIT BELOW GRADE.
- 8 EXTEND CONDUITS TO EXISTING PANEL 'A', CAP ENDS, AND LABEL.



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CONSTRUCTION DOCUMENTS ISSUE DATE: EMI JOB NO.

01.14.2013

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ELECTRICAL SITE PLAN PHASE IIA

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