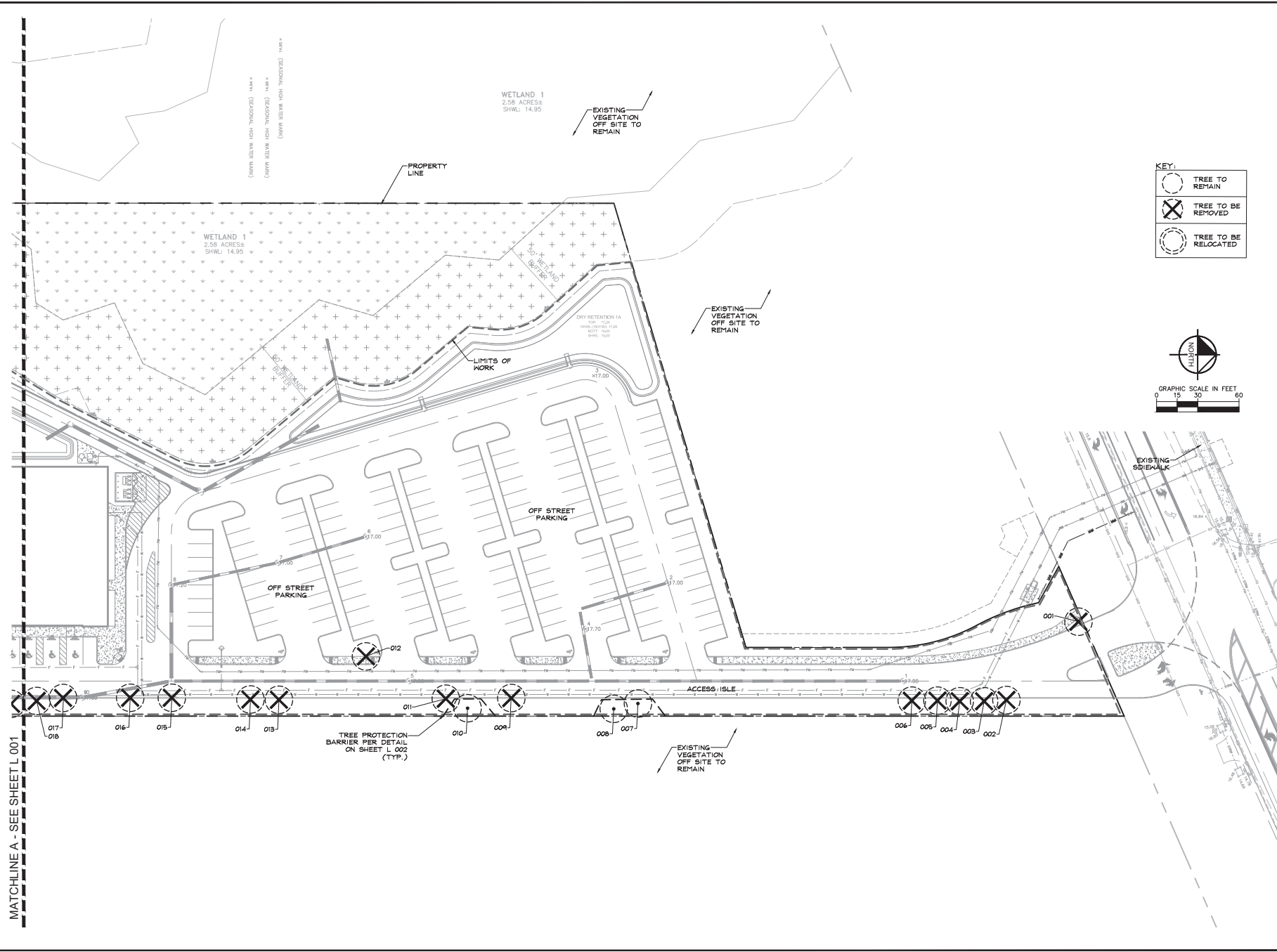
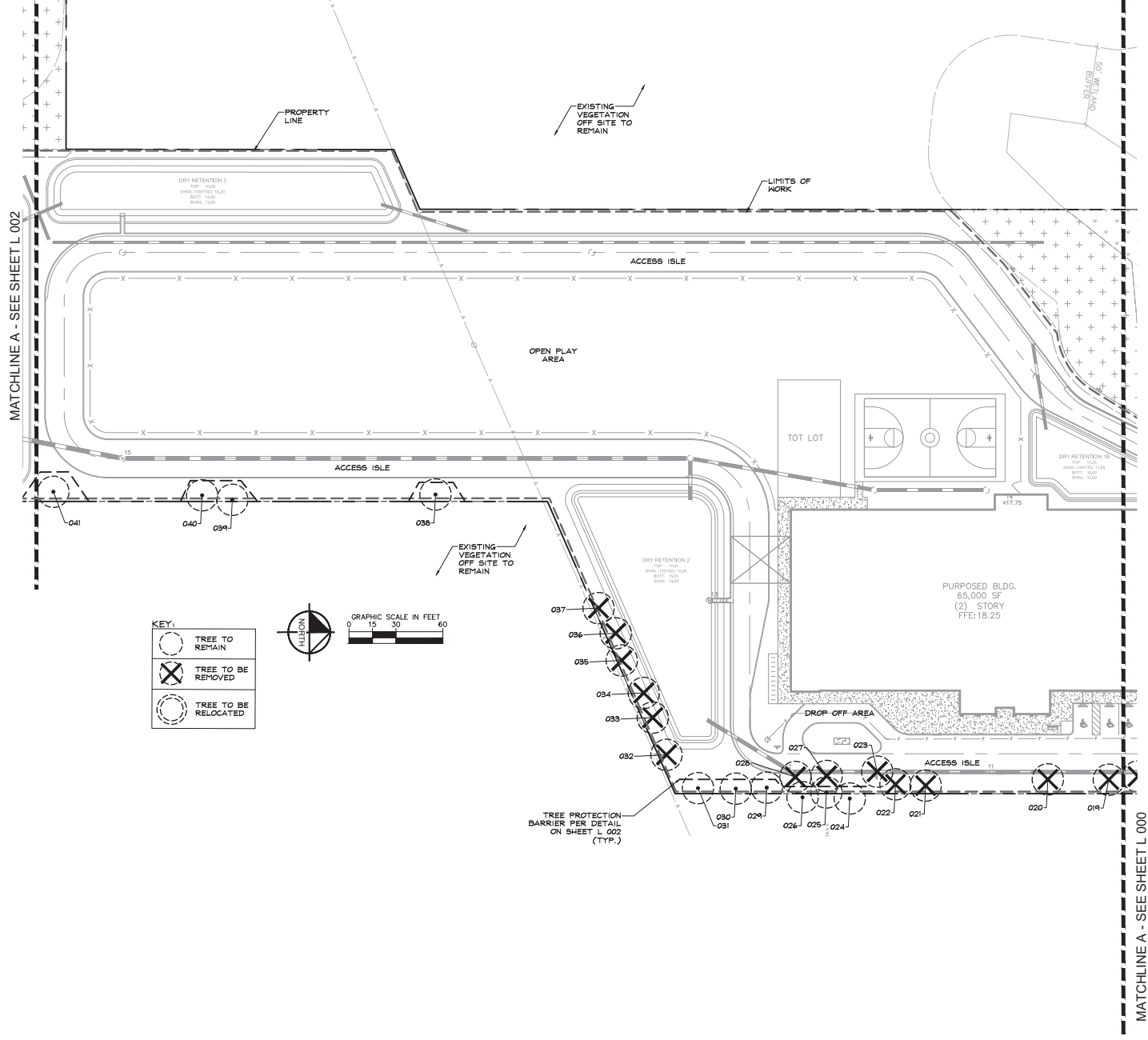


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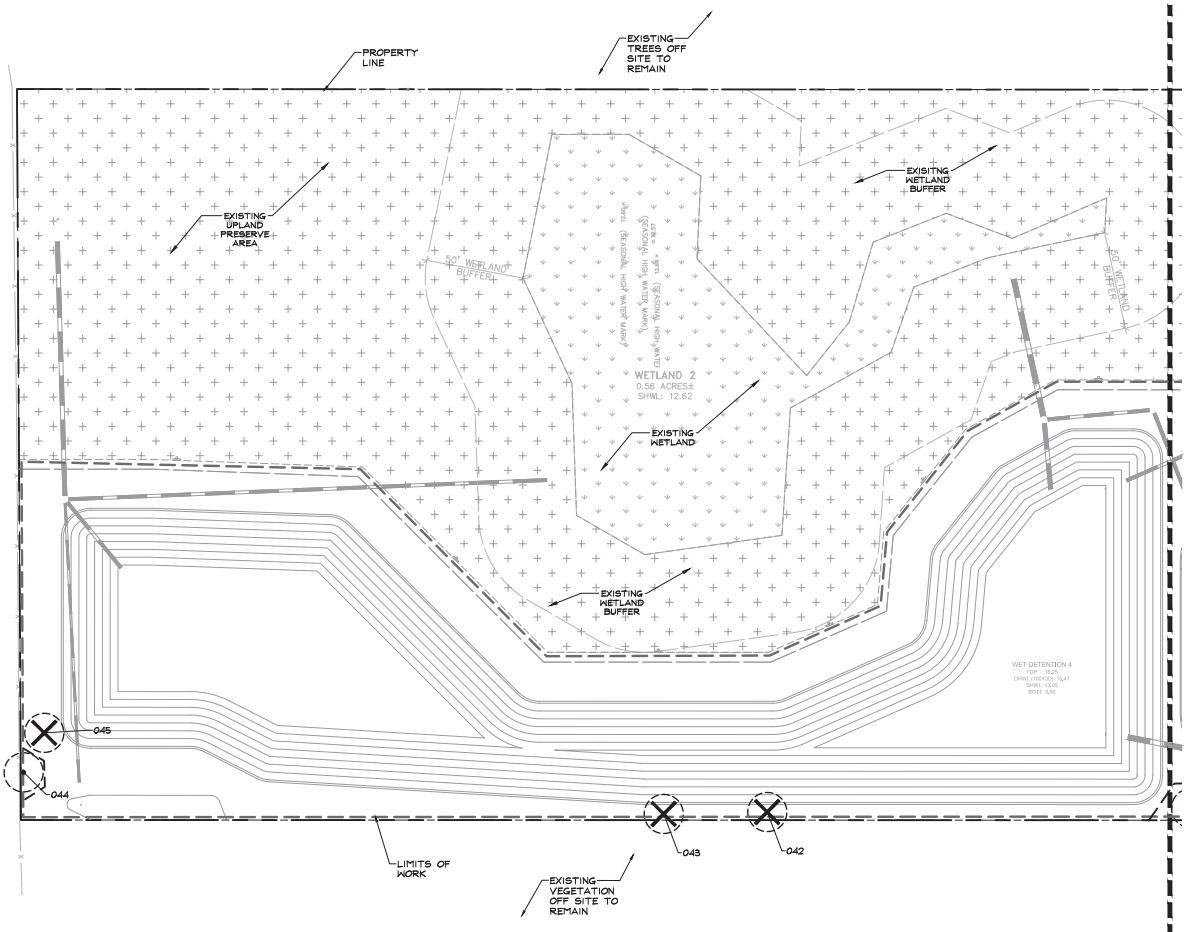
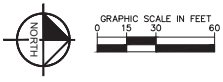
TREASURE COAST CLASSICAL ACADEMY PREPARED FOR SUMMIT CONST. GROUP FL		TREE DISPOSITION PLAN		Kimley-Horn © 2018 Kimley-Horn and Associates, Inc. 118 South Kentucky Avenue, Lakeland, FL 33801 WWW.KIMLEY-HORN.COM CA 00000696		REVISIONS		DATE BY	
SHEET NUMBER L 000		PROJECT KHA PROJECT DATE DEC 2018		DESIGNED BY SCALE AS SHOWN DRAWN BY CHECKED BY		DATE 12/11/2018		BY	



MATCHLINE A - SEE SHEET L 000

SHEET NUMBER L 001		TREASURE COAST CLASSICAL ACADEMY PREPARED FOR SUMMIT CONST. GROUP MARTIN COUNTY FL		TREE DISPOSITION PLAN		KHA PROJECT 0464035000 DATE DEC 2018 SCALE AS SHOWN DESIGNED BY TRICIA C. RICHTER DRAWN BY JESSICA C. RICHTER CHECKED BY TRICIA C. RICHTER DATE 12/11/18		Kimley»Horn © 2018 KIMLEY-HORN AND ASSOCIATES, INC. 116 SOUTH KENTUCKY AVENUE, LAKELAND, FL 33801 WWW.KIMLEY-HORN.COM CA 0000986		No. REVISIONS DATE BY	
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MATCHLINE A - SEE SHEET L 001

TREE DISPOSITION		MIN. CREDITS REQ.	SOFTWOOD REMOVED		HARDWOOD REMOVED		CREDITS REQ.	CREDITS PROVIDED	ADDITIONAL CREDITS PROVIDED
D.B.H.									
4" - 6"	2	0	2	4	66	66	622		
7" - 12"	3	7	20	28	28	28			
13" - 18"	4	7	27	4	95	95			
SUBTOTAL				31	4	95	720		
TOTAL									

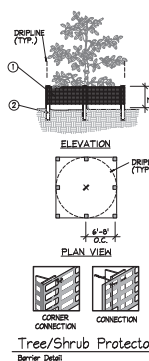
TREE DISPOSITION				
NO.	COTYLLON NAME	BOTANICAL NAME	DBH	DISPOSITION
1.	Southern Live Oak	Quercus virginiana	8"	REMOVE
2.	Slash Pine	Pinus elliotii	12"	REMOVE
3.	Slash Pine	Pinus elliotii	10"	REMOVE
4.	Southern Live Oak	Quercus virginiana	6"	REMOVE
5.	Slash Pine	Pinus elliotii	8"	REMOVE
6.	Slash Pine	Pinus elliotii	10"	REMOVE
7.	Slash Pine	Pinus elliotii	10"	REMAIN
8.	Slash Pine	Pinus elliotii	10"	REMAIN
9.	Slash Pine	Pinus elliotii	10"	REMOVE
10.	Slash Pine	Pinus elliotii	14"	REMAIN
11.	Slash Pine	Pinus elliotii	18"	REMOVE
12.	Slash Pine	Pinus elliotii	10"	REMOVE
13.	Southern Live Oak	Quercus virginiana	8"	REMOVE
14.	Slash Pine	Pinus elliotii	10"	REMOVE
15.	Slash Pine	Pinus elliotii	14"	REMOVE
16.	Slash Pine	Pinus elliotii	10"	REMOVE
17.	Slash Pine	Pinus elliotii	12"	REMOVE
18.	Slash Pine	Pinus elliotii	10"	REMOVE
19.	Slash Pine	Pinus elliotii	11"	REMOVE
20.	Slash Pine	Pinus elliotii	13"	REMOVE
21.	Slash Pine	Pinus elliotii	16"	REMOVE
22.	Redbay	Persea borbonia	4"	REMOVE
23.	Slash Pine	Pinus elliotii	14"	REMOVE
24.	Slash Pine	Pinus elliotii	12"	REMAIN
25.	Slash Pine	Pinus elliotii	8"	REMAIN
26.	Slash Pine	Pinus elliotii	8"	REMAIN
27.	Slash Pine	Pinus elliotii	8"	REMOVE
28.	Slash Pine	Pinus elliotii	12"	REMOVE
29.	Slash Pine	Pinus elliotii	14"	REMAIN
30.	Slash Pine	Pinus elliotii	10"	REMAIN
31.	Slash Pine	Pinus elliotii	8"	REMAIN
32.	Slash Pine	Pinus elliotii	18"	REMOVE
33.	Slash Pine	Pinus elliotii	10"	REMOVE
34.	Slash Pine	Pinus elliotii	6"	REMOVE
35.	Slash Pine	Pinus elliotii	12"	REMOVE
36.	Slash Pine	Pinus elliotii	12"	REMOVE
37.	Slash Pine	Pinus elliotii	8"	REMAIN
38.	Slash Pine	Pinus elliotii	8"	REMAIN
39.	Slash Pine	Pinus elliotii	8"	REMAIN
40.	Slash Pine	Pinus elliotii	12"	REMAIN
41.	Slash Pine	Pinus elliotii	10"	REMAIN
42.	Slash Pine	Pinus elliotii	10"	REMOVE
43.	Slash Pine	Pinus elliotii	12"	REMOVE
44.	Slash Pine	Pinus elliotii	10"	REMAIN
45.	Slash Pine	Pinus elliotii	8"	REMOVE

TREE DISPOSITION SUMMARY:	
TOTAL TREES PROTECTED	14
TOTAL TREES REMOVED	31

KEY:

- TREE TO REMAIN
- TREE TO BE REMOVED
- TREE TO BE RELOCATED

NOTE: ALL PROHIBITED SPECIES SHALL BE REMOVED FROM THE ENTIRE SITE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY.



1. 6" PERIMETER FENCE CONSTRUCTION FENCE BY CORNER PLASTICS OR OWNER'S REPRESENTATIVE APPROVED EQUAL SUBMIT PRODUCT INFORMATION FOR APPROVAL PRIOR TO INSTALLATION.
2. 8" TALL METAL TYP. POSTS OR 2" x 2" x 8' PRESSURE TREATED WOOD POSTS WITH 24" BURIAL BELOW GRADE.
- INSTALLATION NOTES:
- A. POST SELECTION SHOULD BE BASED ON EXPECTED STRENGTH NEEDS AND THE LENGTH OF THE FENCE WILL BE IN PLACE. FLEXIBLE FIBERGLASS ROD POSTS ARE RECOMMENDED FOR PARKS, ATHLETIC EVENTS AND GRAND CONTROL INSTALLATIONS. METAL TYP. POSTS OR TREATED WOOD POSTS ARE TYPICALLY USED FOR CONSTRUCTION AND OTHER APPLICATIONS.
- B. POSTS SHOULD BE DRIVEN INTO THE GROUND TO A DEPTH OF 1/4 OF THE HEIGHT OF THE POST. FOR EXAMPLE, A 8' POST SHOULD BE SET AT LEAST 2' INTO THE GROUND.
- C. SPACE POSTS EVERY 6' (MIN.) TO 8' (MAX.).
- D. SECURE FENCING TO POST WITH NYLON CABLE TIES (AVAILABLE FROM CORNER PLASTICS). WOOD STRIPS MAY BE ALSO BE USED TO PROVIDE ADDITIONAL SUPPORT AND PROTECTION BETWEEN TIES AND POSTS.
- NOTE: IF WIRE TIES ARE USED, AVOID DIRECT CONTACT WITH FENCE. WIRE MAY DAMAGE FENCE OVER TIME.

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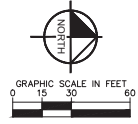
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Date: 12/01/2018
Scale: AS SHOWN
Designed By: [Signature]
Drawn By: [Signature]
Checked By: [Signature]

TREASURE COAST CLASSICAL ACADEMY
SUMMIT CONST. GROUP
FL

TREE DISPOSITION PLAN

SHEET NUMBER L 002

TREES	COMMON NAME
BS	Gumbo Limbo
MC	Max Myrtle
PE	Slash Pine
QV	Southern Live Oak
TD	Bald Cypress
PALM TREES	COMMON NAME
SP	Cabbage Palm
SHRUBS	COMMON NAME
CM	Mannine Gnoton
CQ	'Queen Emma' Crinum
CR	Red Tip Cocoplum
HF	Fire Bush
SHRUB AREAS	COMMON NAME
FG	Green Island Ficus
TF	Dwarf Florida Gommagrose
GROUND COVERS	COMMON NAME
DB	Blueberry Flax Lily
	Dwarf Yaupon
LS	Littoral Zone Mix
LU	Upland Mix
SOD	Florastar St. Augustine Sod
SOD2	'Argentine' Bahia Grass
SEE FULL LANDSCAPE SCHEDULE ON SHEET L 102	

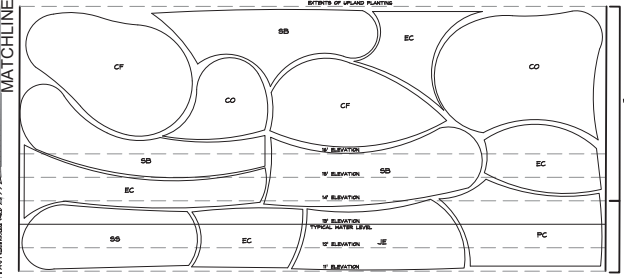
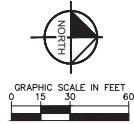


TREASURE COAST
CLASSICAL ACADEMY
PREPARED FOR
SUMMIT CONST. GROUP
MARTIN COUNTY FL

KHA PROJECT	DATE	SCALE AS SHOWN
046403000	DEC 2018	DESIGNED BY
		DRAWN BY
		CHECKED BY

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WET RETENTION POND PLANTING EXHIBIT - 100' TYP.

WET RETENTION POND PLANTING SECTION

SHEET NUMBER L 102		TREASURE COAST CLASSICAL ACADEMY PREPARED FOR SUMMIT CONST. GROUP FL		LANDSCAPE PLAN		KIVA PROJECT 046403000 DATE DEC 2018 SAY AS SHOWN DESIGNED BY DRAWN BY CHECKED BY DATE		Kimley»Horn © 2018 KIMLEY-HORN AND ASSOCIATES, INC. 114 SOUTH KIMLEY DRIVE, SUITE 1, 33601 PHOENIX, ARIZONA 85018 WWW.KIMLEY-HORN.COM CA 00000686		No. REVISIONS DATE BY	
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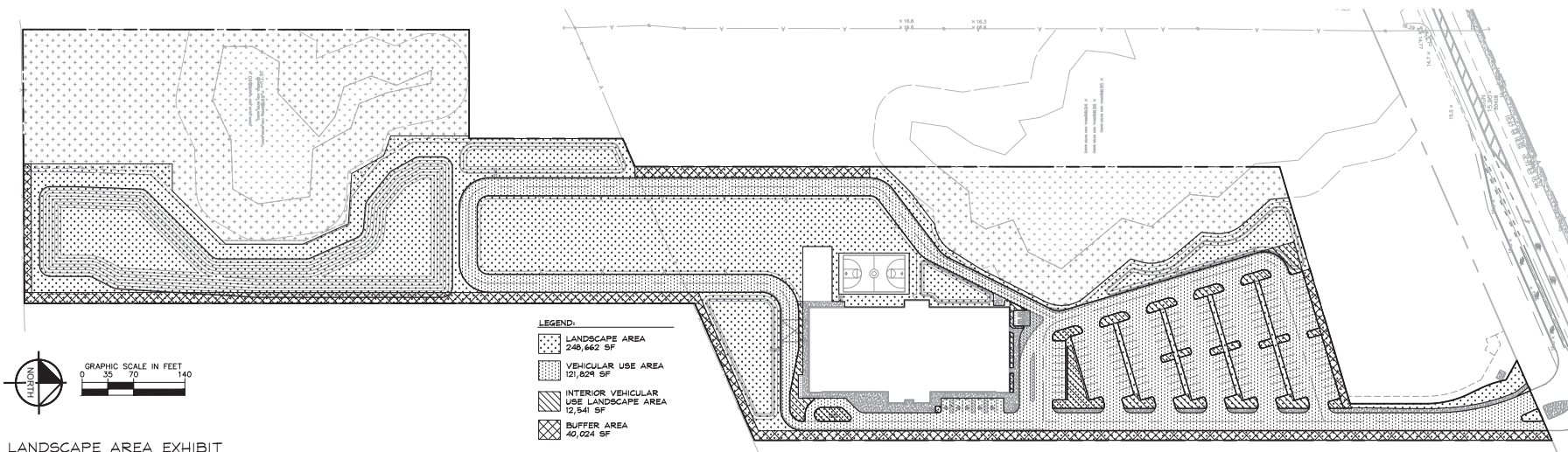
SITE AREA: 619,476 SF (14.22 ACRES)	REQUIRED	PROVIDED
SEC. 4.663.1 AT LEAST 20% OF THE TOTAL DEVELOPED AREA SHALL BE LANDSCAPED. 416,516 SF X 20% = 83,303 SF	83,303 SF	83,303 SF
SEC. 4.663.3.a ALL NON-RESIDENTIAL DEVELOPMENTS SHALL PROVIDE AT LEAST 1 TREE PER 2,500 SF OF SITE AREA 416,516 SF / 2,500 SF * 1 TREE = 167 TREES	167 TREES	191 TREES
SEC. 4.663.d.o.b TOTAL TREE REQUIREMENT WITHIN THE PERIMETER LANDSCAPE AREA SHALL BE DETERMINED BY USING A RATIO OF 1 TREE PER 30 LF OR 1 TREE FOR EVERY 300 SF OF PLANTING AREA OR MAJOR PORTION THEREOF, WITH NO LESS THAN 75% OF TREES TO BE SHADE TREES. 826 LF / 30 LF * 1 TREE = 28 TREES 28 TREES * 75% = 21 SHADE TREES	28 TREES 21 TREES	4 TREES 1 TREES
SEC. 4.663.d.o.c A MINIMUM OF 25% OF TOTAL PERIMETER LANDSCAPE AREA IS TO BE NATIVE PLANTINGS. 201 TREES/SHRUBS/GC * 25% = 51 TREES/SHRUBS/GC	51 NATIVES	51 NATIVES
SEC. 4.663.A.d.b. IN VEHICULAR USE AREAS WITHIN THE INTERIOR OF A SITE, 1 500 SF PLANTING AREA SHALL BE REQUIRED FOR EVERY 5,000 SF OF VEHICULAR USE AREA, OR MAJOR PORTION THEREOF, AND AT LEAST 3 2", OR 2 3" CALIBER SHADE TREES TOGETHER WITH OTHER LANDSCAPE MATERIAL. 121,824 SF VUA / 5,000 SF = 25 25 * 500 SF = 12,500 SF INTERIOR PLANTING AREA 25 * 2 TREES (2 3" TREE / 500 SF) = 50 TREES	12,500 SF 50 TREES	12,958 SF 63 TREES (SEE EXHIBIT BELOW)
SEC. 4.663.D.6.e TYPE 2 BUFFER - AT LEAST 1 TREE AND 10 SHRUBS SHALL BE PROVIDED FOR EVERY 300 SF OF REQUIRED BUFFER. WEST: 4,818 SF / 300 SF * 1 TREE = 17 TREES 4,818 SF / 300 SF * 10 SHRUBS = 170 SHRUBS NORTH: 1,915 SF / 300 SF * 1 TREE = 7 TREES 1,915 SF / 300 SF * 34 SHRUBS = 238 SHRUBS EAST: 29,992 SF / 300 SF * 1 TREE = 100 TREES 29,992 SF / 300 SF * 34 SHRUBS = 3,400 SHRUBS SOUTH: 4,624 SF / 300 SF * 1 TREE = 16 TREES 4,624 SF / 300 SF * 34 SHRUBS = 544 SHRUBS	17 TREES 170 SHRUBS 7 TREES 238 SHRUBS 100 TREES 3,400 SHRUBS 16 TREES 544 SHRUBS	17 TREES 170 SHRUBS 7 TREES 238 SHRUBS 100 TREES 2,267 SHRUBS 16 TREES 544 SHRUBS
SEC. 4.664.A.2 AT LEAST 50% OF ALL REQUIRED LANDSCAPING SHALL BE NATIVE. 4,663 TREES/SHRUBS/GC * 50% = 2,331 NATIVE TREES/SHRUBS/GC	2,314 NATIVES	3,345 NATIVES
SEC. 4.664.B.2.b NOT MORE THAN 30% OF ALL REQUIRED TREES SHALL BE PALMS. (2 PALMS OR 3 SAGUARO PALMS CONSTITUTE 1 TREE) 30% REQUIRED TREES * 30% = 115 PALMS MAX	115 PALMS	114 PALMS
SEC. 4.664.C 75% OF HERGES AND SHRUBS SHALL BE NATIVE 4,176 SHRUBS * 75% = 3,132 SHRUBS	3,132 SHRUBS	2,871 SHRUBS

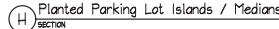
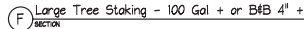
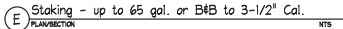
DESIGN OPTIONS			AVAILABLE POINTS	PROVIDED POINTS
A. UTILIZATION OF MOISTURE SENSING CONTROLLER OTHER THAN RAINSWITCH, ALTERNATE SOURCE OF WATER SUCH AS A CISTERN, OR HIGHLY EFFICIENT SYSTEM THAT PROMOTES WATER CONSERVATION.			5	5
B. PLAN SUBMITTED WITH LOW, MODERATE, AND HIGH WATER USAGE ZONES INDICATED.			5	5
C. 25-50% OF THE GRASS AREAS ARE MADE UP OF DROUGHT TOLERANT GRASS SPECIES FROM THE LIST*			5	
D. 51% OR MORE OF THE GRASS AREAS ARE MADE UP OF DROUGHT TOLERANT GRASS SPECIES FROM THE LIST*			10	
E. 25-50% OF THE REQUIRED SHRUBS ARE MADE UP OF DROUGHT TOLERANT SPECIES FROM THE LIST*			5	
F. 51% OR MORE OF THE REQUIRED SHRUBS ARE MADE UP OF DROUGHT TOLERANT SPECIES FROM THE LIST*			10	10
G. 25-50% OF THE REQUIRED TREES ARE MADE UP OF DROUGHT TOLERANT SPECIES FROM THE LIST*			5	
H. 51% OR MORE OF THE REQUIRED TREES ARE MADE UP OF DROUGHT TOLERANT SPECIES FROM THE LIST*			10	10
I. 25% MORE THAN THE REQUIRED SHADE TREES PLANTED IN VEHICULAR USE AREAS			5	5
J. 50% MORE THAN THE REQUIRED SHADE TREES PLANTED IN VEHICULAR USE AREAS			10	
K. 50% AREA LESS THAN 50% OF PROVIDED LANDSCAPE AREA.				
L. UTILIZATION OF COMPACTED MULCHED PLANTING BEDS AT LEAST 3" IN DEPTH IN ALL PLANTED AREAS EXCEPT GROUND COVERS.			10	10
M. UTILIZATION OF MULCH			5	5
N. UTILIZATION OF NATIVE PLANT SPECIES IN STORMWATER RETENTION AREAS, OTHER THAN TURF GRASS OR SOD, AS PERMITTED IN DIVISION 9 OF ARTICLE 10, CHAPTER 122, F.S.			10	
* THE LIST OF DROUGHT TOLERANT NATURAL GRASS, SHRUBS, AND TREE SPECIES IS CONTAINED IN WATERWISE, THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT PLANT AND LANDSCAPE PRACTICES GUIDE, AS MAY BE AMENDED. THESE SPECIES SHOULD BE PROVIDED IN THE SAME MANNER AS SPECIFIED IN THE GUIDE.				
TOTAL				50

1. REQUIRED LANDSCAPING SHALL BE MAINTAINED SO AS TO AT ALL TIMES PRESENT A HEALTHY, NEAT, AND ORDERLY APPEARANCE, FREE OF REFUSE AND DEBRIS. IF VEGETATION WHICH IS REQUIRED TO BE PLANTED DIES IT SHALL BE REPLACED WITH EQUIVALENT VEGETATION OF THE SAME OR BETTER QUALITY, COLOR, AND WHICH IS SPECIFICALLY DETAILED IN THE LANDSCAPE PLAN. IF THE PLANT SPECIES SPECIFIED IN THE LANDSCAPE PLAN SHALL BE REPLACED BY THE REQUIREITE NUMBER OF LIVING TREES ACCORDING TO THE STANDARDS ESTABLISHED IN THE MARTIN COUNTY LANDSCAPE CODE.
2. ALL LANDSCAPING SHALL BE MAINTAINED FREE FROM DISEASE, PESTS, WEEDS, AND LITTER. MAIN TRUNKS OF TREES SHALL BE PROTECTED FROM DAMAGE BY CHIPPING, CHIPPING, AND MULCHING OR OTHER MAINTENANCE, AS NEEDED AND IN ACCORDANCE WITH ACCEPTABLE PRACTICES. THE MAINTENANCE OF LANDSCAPING SHALL BE PERFORMED IN A MANNER THAT PROHIBIT THE REESTABLISHMENT OF HARMFUL EXOTIC SPECIES WITHIN LANDSCAPING AND PRESERVATION AREAS.
3. REGULAR LANDSCAPE MAINTENANCE SHALL BE PROVIDED FOR REPAIR OR REPLACEMENT, AS REQUIRED, OF ANY CRITERIA DETERMINING MAINTENANCE, SUCH AS THE PLANNING. REGULAR LANDSCAPE MAINTENANCE SHALL BE PROVIDED FOR THE REPAIR OR REPLACEMENT OF REQUIRED WALLS, FENCES OR STRUCTURES TO A STRUCTURALLY SOUND CONDITION AS

1. ENCROACHMENT INTO REQUIRED BUFFERYARDS AND LANDSCAPED AREAS BY VEHICLES, BOATS, MOBILE HOMES, OR TRAILERS SHALL NOT BE PERMITTED, AND REQUIRED LANDSCAPE AREAS SHALL NOT BE USED FOR THE STORAGE OR SALE OF MATERIALS OR PRODUCTS OR THE PARKING OF VEHICLES AND EQUIPMENT.

1. CONTRACTOR SHALL REFER TO THE LANDSCAPE PLANTING DETAILS, PLANT LIST, GENERAL NOTES AND ALL CONTRACT DOCUMENTS FOR FURTHER AND COMPLETE INSTRUCTIONS.
2. PLANT LIST QUANTITIES ARE PROVIDED FOR CONVENIENCE. IN THE EVENT OF QUANTITY DISCREPANCIES THE DRAWING SHALL BE THE PRECEDENT. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT PRIOR TO BIDDING.
3. PLANT SIZES LISTED ARE THE MINIMUM SIZE THAT WILL BE ACCEPTED FOR THAT PLANT.
4. ANY SUBSTITUTION IN SIZE AND/OR PLANT MATERIAL MUST BE REVIEWED BY THE LANDSCAPE ARCHITECT IN WRITING. ALL PLANTS WILL BE SUBJECT TO APPROVAL BY LANDSCAPE ARCHITECT AND/OR OWNERS REPRESENTATIVE BEFORE PLANTING CAN BE INITIATED.
5. CONTRACTOR SHALL FIELD JOINT LOCATION OF PLANT MATERIAL AS NECESSARY TO AVOID DAMAGE TO EXISTING UNDERGROUND UTILITIES AND/OR INTERFERE WITH EXISTING ADJACENT AND EXISTING CONSTRUCTION. JOINTS SHALL BE COMPLETED AT THE CONTRACTOR'S EXPENSE AND SHALL BE COORDINATED WITH THE OWNER'S REPRESENTATIVE AND THE LANDSCAPE ARCHITECT.
6. THE CONTRACTOR SHALL BEAR ALL COSTS OF TESTING OF SOILS AND MATERIALS IN ACCORDANCE WITH THE WORK AND INCLUDED IN THE SPECIFICATIONS.
7. CONTRACTOR SHALL FAMILIARIZE HIM/HERSELF WITH THE LIMITS OF WORK AND EXISTING CONDITIONS AND VERIFY ALL INFORMATION. IF DISCREPANCIES EXIST, CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE WITHIN SEVEN CALENDAR DAYS OF NOTICE TO PROCEED.
8. ALL NEW AND TRANSPLANTED PLANT MATERIAL SHALL BE IRRIGATED BY AN AUTOMATIC UNDERGROUND IRRIGATION SYSTEM.





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KIHA PROJECT 04640.3000	DATE DEC 2018	SCALE AS SHOWN	DESIGNED BY	DRAWN BY	CHECKED BY
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SHEET NUMBER L 110	<p>TREASURE COAST CLASSICAL ACADEMY PREPARED FOR SUMMIT CONST. GROUP MARTIN COUNTY FL</p>	<p>LANDSCAPE DETAILS</p>

