

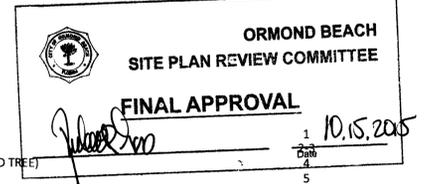


MetaWorld Civil Consulting
 The New Era of Engineering
 444 Seabreeze Blvd., Suite 715
 Daytona Beach, FL 32118
 (386) 530-3850

CONSTRUCTION AND PERMITTING PLANS
 FOR

CHILDREN'S WORKSHOP BUILDING ADDITION

506 LINCOLN AVE.
 ORMOND BEACH, VOLUSIA COUNTY, FL



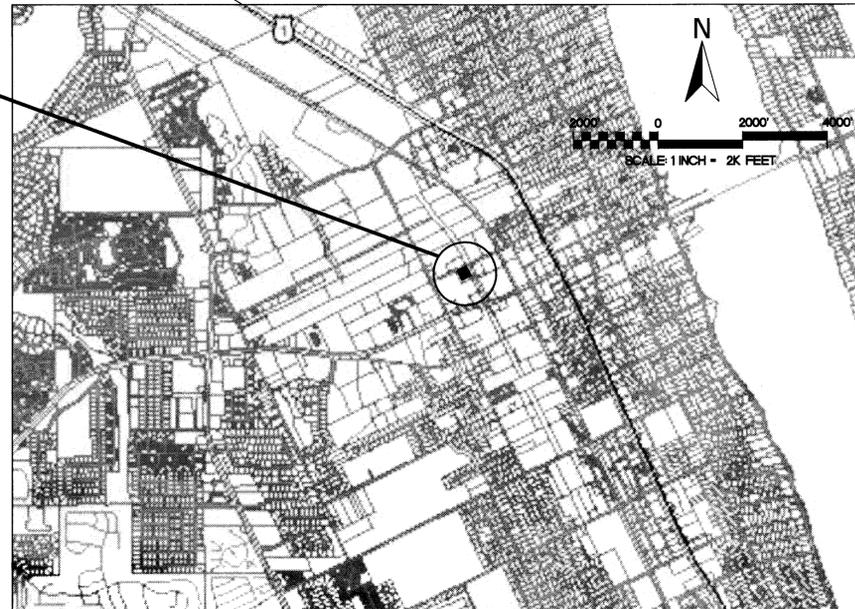
ENGINEERING PLANS SHEET INDEX:

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ADDITIONAL COMPONENTS OF PLAN SET

LANDSCAPE ARCHITECTURAL PLANS	LA1-LA3
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PROJECT LOCATION



VICINITY MAP

- OWNER:** CHILDREN'S WORKSHOP
 506 LINCOLN AVE.
 ORMOND BEACH, FL
 CONTACT: BRIAN ADAIR
 (386) 299-6111
- PROJECT MANAGER / ENGINEER:** METAWORLD CIVIL CONSULTING, LLC
 444 SEABREEZE BLVD., SUITE 715
 DAYTONA BEACH, FL 32118
 CONTACT: AMIR H. MALEK, P.E.
 (386) 530-3850
- SURVEYOR:** KUCHAR SURVEYING AND MAPPING, LLC
 112 OCEAN GROVE DR.
 ORMOND BEACH, FL 32177
 CONTACT: KEN KUCHAR
 (386) 295-8051
- ENVIRONMENTAL SCIENTIST:** ENVIRONMENTAL SCIENCES, INC.
 124 N. NOVA RD., PMB 129
 ORMOND BEACH, FL 3217
 CONTACT: R. SHANNON JULIEN
 (386) 566-2733
- GEOTECHNICAL ENGINEER:** UNIVERSAL ENGINEERING SCIENCES, INC.
 911 BEVILLE RD., SUITE 3
 SOUTH DAYTONA, FL 32119
 CONTACT: BRIAN C. POHL
 (386) 756-1105
- ARCHITECT:** RICHARD BROOKFIELD
 P.O. BOX 4195
 ORMOND BEACH, FL 32175
 (386) 334-3564
- LANDSCAPE ARCHITECT:** THE STERN DESIGN GROUP, P.A.
 1685 PROMENADE CIRC.
 PORT ORANGE, FL 32129
 CONTACT: JAN STERN
 (386) 788-3788

STATEMENT OF INTENT:

THE PROPOSED PROJECT IS SEEKING APPROVAL FOR THE ADDITION OF ONE BUILDING TO HOUSE CLASSROOMS AND AN ADMINISTRATIVE OFFICE. THE OWNER OF THE PROPERTY IS CONCURRENTLY APPLYING FOR STORMWATER AND WETLANDS REMOVAL APPROVAL THROUGH THE ST. JOHN'S RIVER WATER MANAGEMENT DISTRICT VIA AN INDIVIDUAL ENVIRONMENTAL RESOURCE PERMIT. TO THE EXTENT FEASIBLE, THE PROJECT INTENDS TO USE LOW IMPACT DEVELOPMENT METHODS TO REDUCE THE AMOUNT OF TREE REMOVAL REQUIRED ON THE SITE.

LEGAL DESCRIPTION:

THE EASTERLY 200 FEET OF THE WESTERLY 300 FEET OF LOT 8, GRANT LOT 7-1/2, HENRY YONGE GRANT, AS RECORDED IN MAP BOOK 2 AT PAGE 118, OF THE PUBLIC RECORDS OF VOLUSIA COUNTY, FLORIDA, EXCEPT THE NORTHERLY 8.5 FEET THEREOF DEEDED FOR WIDENING OF LINCOLN AVENUE, TOGETHER WITH THE IMPROVEMENTS SITUATE THEREON, SAID PROPERTY BEING MORE COMMONLY KNOWN AS 506 LINCOLN AVENUE, ORMOND BEACH, FLORIDA.

LEGAL DESCRIPTION FROM WARRANTY DEED FOUND IN BOOK 5985, PAGE 806 IN VOLUSIA COUNTY PUBLIC RECORDS.

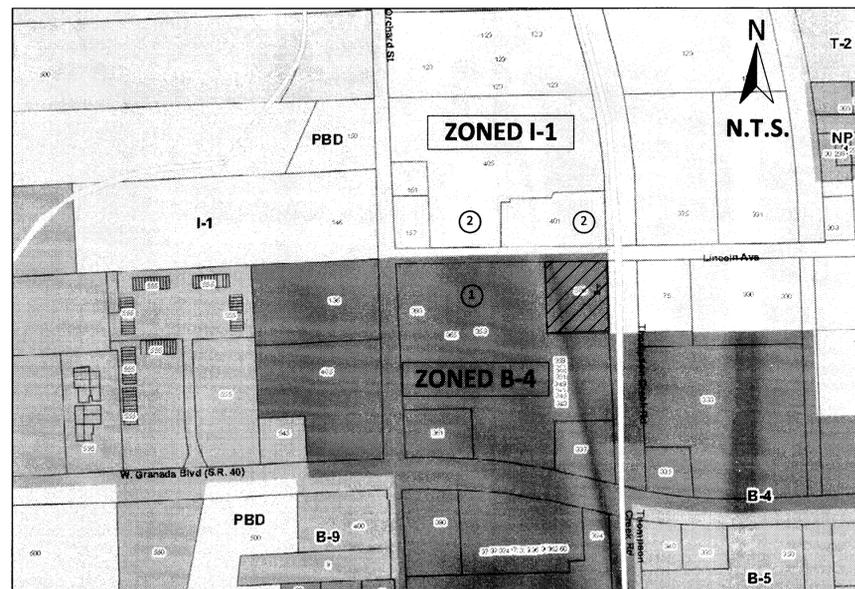
SAID PARCEL CONTAINS 1.03 ACRES OF LAND, MORE OR LESS, WITHIN SECTION 41, TOWNSHIP14 SOUTH, RANGE32 EAST. FULL TAX PARCEL ID 41-14-32-01-10-0040A506, SHORT PARCEL ID 4241-01-10-0040A506.

GENERAL NOTES:

1. THE SCALE OF THIS PLAN SET MAY HAVE BEEN ALTERED DUE TO REPRODUCTION. PLAN SHEETS ARE SCALABLE WHEN PLOTTED ON FULL SIZED 24" X 36" CONSTRUCTION PLAN SHEETS.
2. THIS SITE IS FULLY WITHIN THE FEMA 100-YR FLOODPLAIN WITH BASE FLOOD ELEVATION (BFE) = 7'.
3. ALL SURVEY AND TOPOGRAPHIC INFORMATION BASED ON SURVEY INFORMATION PROVIDED BY THE SURVEYOR OF RECORD. CONTRACTOR TO COORDINATE WITH SURVEYOR FOR BENCHMARK INFORMATION.
4. THE LOCATION OF EXISTING UTILITIES HAS BEEN OBTAINED FROM THE MOST RELIABLE INFORMATION AVAILABLE TO THE ENGINEER. THIS INFORMATION IS NOT GUARANTEED AND SHALL BE EACH CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT NATURE OF ALL UTILITIES AND PRIOR TO COMMENCEMENT OF CONSTRUCTION. NOTIFY THE ENGINEER OF RECORD AS TO DISCREPANCIES, IF ANY EXIST. THE OWNER IS NOT RESPONSIBLE FOR LOCATES.

NRCS SOILS DATA:

- ① OWNER: KJUMP INC.
 MULTIPLE GENERAL COMMERCIAL TENANTS
 ADDRESS: 353 W. GRANADA BLVD.
 ORMOND BEACH, FL
- ② OWNER: JAMES R. DILL
 CRANE AND EQUIPMENT SERVICE OF DB
 ADDRESS: 405 LINCOLN AVE.
 ORMOND BEACH, FL

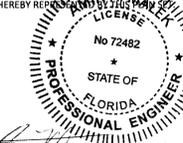


ZONING MAP



ENGINEER CERTIFICATION:

I HEREBY CERTIFY THAT I AM A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF FLORIDA, PRACTICING WITH METAWORLD CIVIL CONSULTING, LLC, A CORPORATION AUTHORIZED TO OPERATE AS AN ENGINEERING BUSINESS, CERTIFICATE OF AUTHORIZATION #30269, BY THE FLORIDA BOARD OF PROFESSIONAL ENGINEERS; AND THAT I, OR OTHERS UNDER MY DIRECT SUPERVISION OR APPROVED THE EVALUATIONS, FINDINGS, OPINIONS, CALCULATIONS OR TECHNICAL ADVICE HEREBY REFERRED TO.

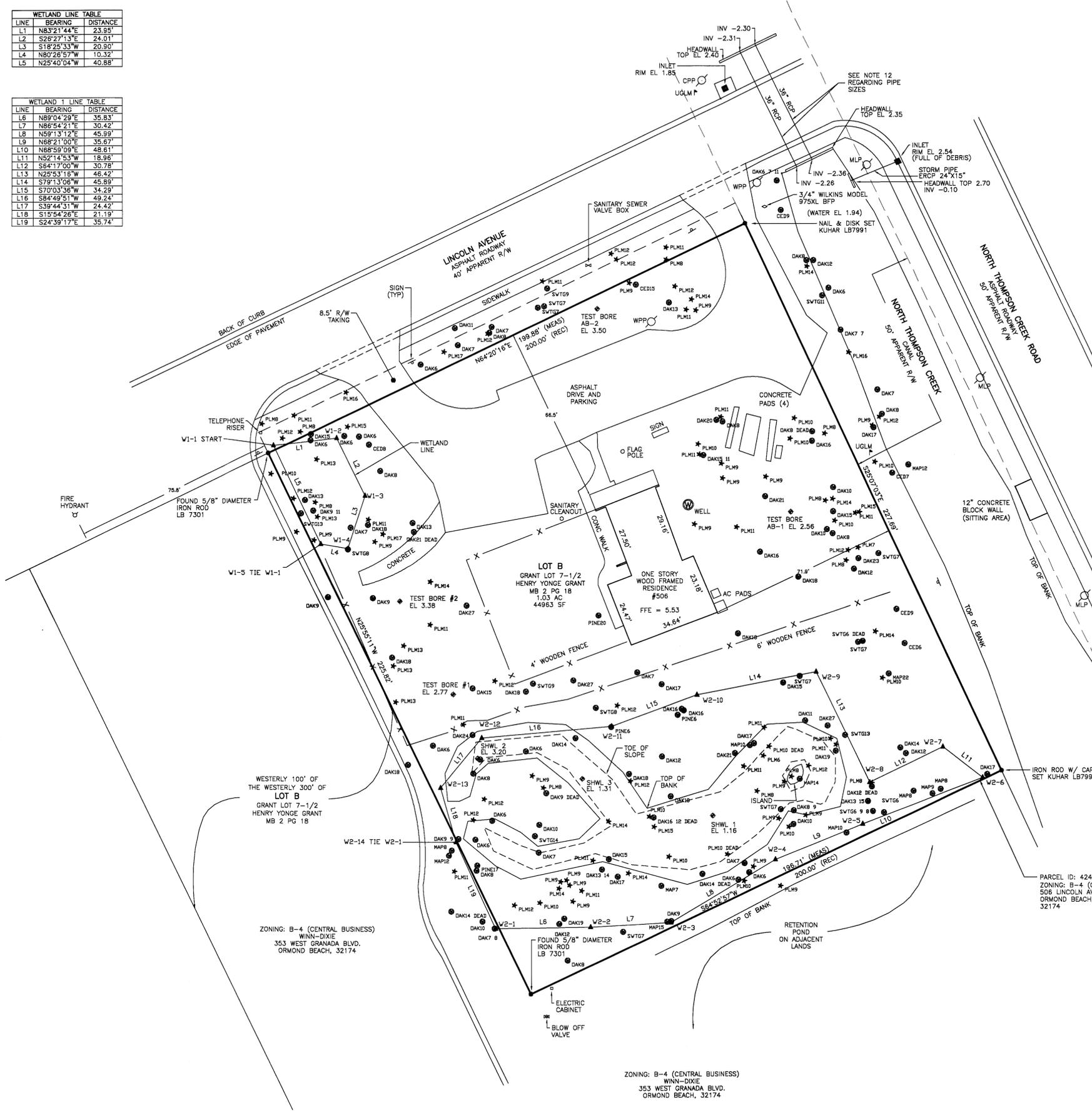


AMIR H. MALEK, P.E.
 FLORIDA LICENSE NO. 72482
 FBPE FIRM CERTIFICATE OF AUTHORIZATION NO. 30269

PLANS DATED: 2015.10.01

LINE	BEARING	DISTANCE
L1	N83°21'44"E	23.95'
L2	S28°27'13"E	24.01'
L3	S18°25'33"W	20.90'
L4	N80°26'57"W	10.32'
L5	N25°40'04"W	40.88'

LINE	BEARING	DISTANCE
L6	N89°04'29"E	35.83'
L7	N85°54'21"E	30.42'
L8	N59°13'12"E	45.89'
L9	N68°21'00"E	35.67'
L10	N68°59'09"E	48.61'
L11	N52°14'53"W	18.96'
L12	S84°17'00"W	30.78'
L13	N25°53'18"W	46.42'
L14	S79°13'06"W	45.89'
L15	S70°03'56"W	34.29'
L16	S84°49'51"W	49.24'
L17	S39°44'51"W	24.42'
L18	S15°54'26"E	21.19'
L19	S24°39'17"E	35.74'



LEGAL DESCRIPTION:
 THE EASTERLY 200 FEET OF THE WESTERLY 300 FEET OF LOT B, GRANT LOT 7-1/2, HENRY YONGE GRANT, AS RECORDED IN MAP BOOK 2 AT PAGE 118, OF THE PUBLIC RECORDS OF VOLUSIA COUNTY, FLORIDA, EXCEPT THE NORTHERLY 8.5 FEET THEREOF DEEDED FOR WIDENING OF LINCOLN AVENUE, TOGETHER WITH THE IMPROVEMENTS SITUATE THEREON, SAID PROPERTY BEING MORE COMMONLY KNOWN AS 506 LINCOLN AVENUE, ORMOND BEACH, FLORIDA.

LEGAL DESCRIPTION FROM WARRANTY DEED FOUND IN BOOK 5985, PAGE 808 IN VOLUSIA COUNTY PUBLIC RECORDS.

- GENERAL NOTES**
1. BEARINGS BASED (ASSUMED) ON THE SOUTHERLY RIGHT OF WAY LINE OF LINCOLN AVENUE, SHOWN HEREON, BEING N64°20'16"E.
 2. THIS SURVEY IS NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR/MAPPER.
 3. THERE MAY BE ADDITIONAL EASEMENTS, RESTRICTIONS AND/OR OTHER MATTERS NOT SHOWN ON THIS SURVEY WHICH MAY BE FOUND IN THE COUNTY PUBLIC RECORDS.
 4. UNDERGROUND UTILITIES NOT LOCATED EXCEPT AS SHOWN. NO CALL HAS BEEN MADE TO ANY UNDERGROUND UTILITY LOCATOR.
 5. UNDERGROUND FOUNDATIONS, IF ANY, NOT LOCATED.
 6. PRIOR TO RELYING ON THE INFORMATION SHOWN FOR UNDERGROUND UTILITIES FOR THE PURPOSE OF CONNECTION OR EXTENSION, THE UTILITY MUST BE EXPOSED AND INFORMATION VERIFIED.
 7. NO BEARINGS AND LIMITED GEOMETRY SHOWN ON RECORD PLAT.
 8. WETLANDS SHOWN HEREON, BY OTHER, NOT APPROVED BY JURISDICTIONAL AUTHORITIES AT THIS TIME, TO THE KNOWLEDGE OF THE UNDERSIGNED.
 9. VERTICAL DATUM: NAVD 88
 10. HORIZONTAL DATUM: NAD 83
 11. TOPOGRAPHIC CONTOURS SHOWN HEREON ARE A PRODUCT OF A SOFTWARE CALCULATION PROCEDURE, ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY AT THE REQUEST OF THE CLIENT AND MAY NOT SATISFY NATIONAL MAP ACCURACY STANDARDS.
 12. PIPE SIZES AS SHOWN HEREON ARE PER BEST FIELD OBSERVATION. DRAINAGE PIPES WERE EITHER UNDERWATER, FULL OF DEBRIS, OR FLARED AT ENDS OF PIPE (PIPE SIZES MAY BE SMALLER THAN INDICATED).

LEGEND:

TYP	TYPICAL
MEAS	MEASURED
REC	RECORDED
TOB	TOP OF BANK
TOE	TOE OF SLOPE
CONC	CONCRETE
MB	MAP BOOK
ORB	OFFICIAL RECORDS BOOK
PG	PAGE
POS	CONCRETE POWER POLE
CPP	ELLIPTICAL REINFORCED CONCRETE PIPE
ERCPC	METAL LIGHT POLE
MLP	WOODEN POWER POLE
WPP	BACK FLOW PREVENTER
BFP	RIGHT OF WAY
R/W	INVERT
INV	SEASONAL HIGH WETLAND
SHWL	WETLAND FLAG DESIGNATION
W2-9	WETLAND LINE TAG DESIGNATION
L14	UNDERGROUND LINE MARKER
UGLM	(TYPE SHOWN IF KNOWN)

TREES	
DAK	OAK TREE
CEC	CEDAR TREE
PLM	PALM TREE
SWTG	SWEET GUM TREE

NOTE: THE NUMBER FOLLOW THE TREE TYPE IS THE DIAMETER AT BREAST HEIGHT (DBH) IN INCHES.

KUHAR SURVEYING AND MAPPING, LLC
 112 OCEAN GROVE DRIVE, ORMOND BEACH, FL 32176
 386-295-8051 - www.kuharsurveying.com
 LS (PSM) 6105
 LB 7991

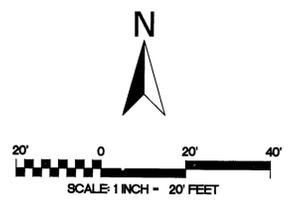
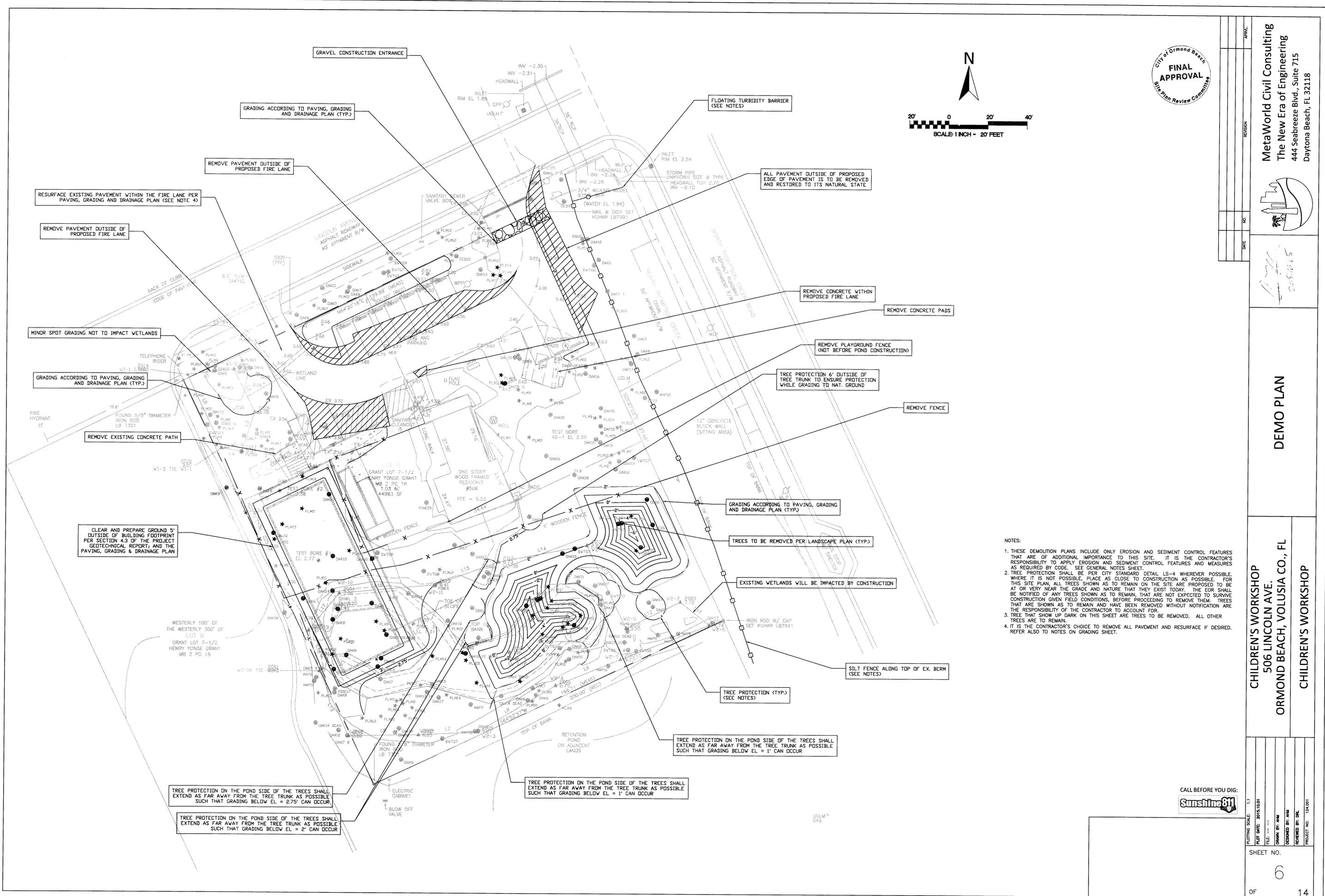
REVISIONS	DESCRIPTION	NO	DATE

BOUNDARY & TREE SURVEY
 CHILDREN'S WORKSHOP
 506 LINCOLN AVENUE, PALM COAST, FLAGLER COUNTY, FLORIDA
 PREPARED FOR: METAWORLD CIVIL

PROJECT NO.	K15026
DRAWING REFERENCE NO.	K15026-BDRY
REVISION NO./DATE	-
ORIGINAL ISSUE DATE	03/18/2015
SHEET	4 OF 14

I HEREBY CERTIFY THAT THIS SURVEY MEETS MINIMUM TECHNICAL STANDARDS AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS PER CHAPTER 5J-17.050 THRU 17.052, FLORIDA ADMINISTRATIVE CODE.

Kenneth J. Kuhar 9-29-2015
 KENNETH J. KUHAR
 FLORIDA PROFESSIONAL SURVEYOR/MAPPER #6105



MetaWorld Civil Consulting
 The New Era of Engineering
 444 Seabreeze Blvd., Suite 715
 Daytona Beach, FL 32118



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 DATE

DEMO PLAN

CHILDREN'S WORKSHOP
 506 LINCOLN AVE.
 ORMOND BEACH, VOLUSIA CO., FL
 CHILDREN'S WORKSHOP

- NOTES:
1. THESE DEMOLITION PLANS INCLUDE ONLY EROSION AND SEDIMENT CONTROL FEATURES THAT ARE OF ADDITIONAL IMPORTANCE TO THIS SITE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO APPLY EROSION AND SEDIMENT CONTROL FEATURES AND MEASURES AS REQUIRED BY CODE. SEE GENERAL NOTES SHEET.
 2. TREE PROTECTION SHALL BE PER CITY STANDARD DETAIL LS-4 WHEREVER POSSIBLE. FOR THIS SITE PLAN, ALL TREES SHOWN AS TO REMAIN ON THE SITE ARE PROPOSED TO BE AT OR VERY NEAR THE GRADE AND NATURE THAT THEY EXIST TODAY. THE EOR SHALL BE NOTIFIED OF ANY TREES SHOWN AS TO REMAIN, THAT ARE NOT EXPECTED TO SURVIVE CONSTRUCTION GIVEN FIELD CONDITIONS, BEFORE PROCEEDING TO REMOVE THEM. TREES THAT ARE SHOWN AS TO REMAIN AND HAVE BEEN REMOVED WITHOUT NOTIFICATION ARE THE RESPONSIBILITY OF THE CONTRACTOR TO ACCOUNT FOR.
 3. TREE THAT SHOW UP DARK ON THIS SHEET ARE TREES TO BE REMOVED. ALL OTHER TREES ARE TO REMAIN.
 4. IT IS THE CONTRACTOR'S CHOICE TO REMOVE ALL PAVEMENT AND RESURFACE IF DESIRED. REFER ALSO TO NOTES ON GRADING SHEET.

CALL BEFORE YOU DIG:

PLOTTING SCALE: 1:1
PLOT DATE: 2015.10.01
FILE: 150411.dwg
DRAWN BY: AMM
DESIGNED BY: AMM
REVIEWED BY: DRG
PROJECT NO.: 124.001



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 444 Seabreeze Blvd., Suite 715
 Daytona Beach, FL 32118



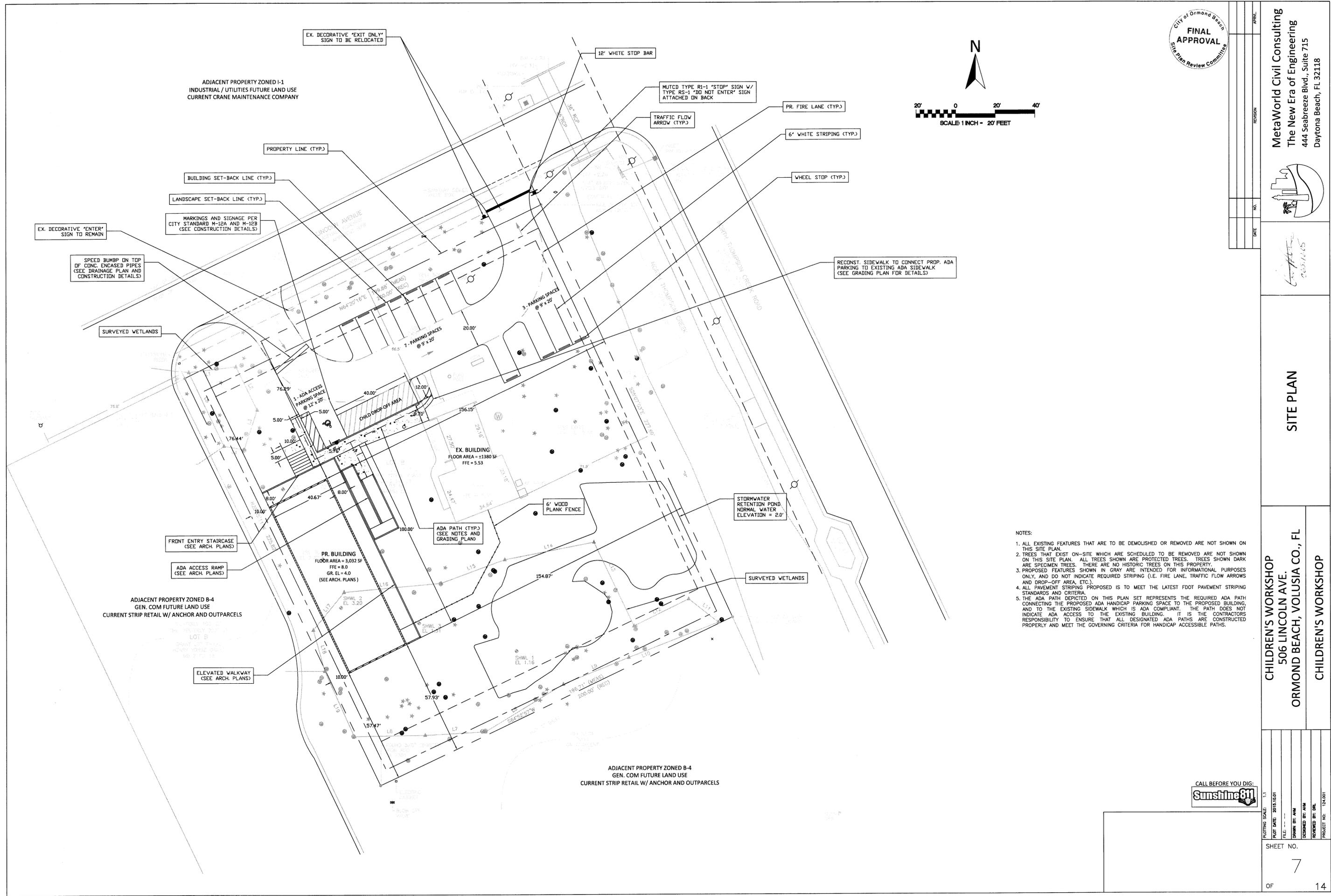
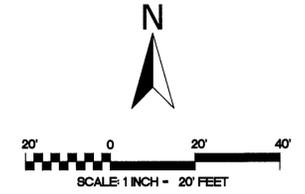
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SITE PLAN

CHILDREN'S WORKSHOP
 506 LINCOLN AVE.
 ORMOND BEACH, VOLUSIA CO., FL
 CHILDREN'S WORKSHOP

PLOTTING SCALE: 1:1
PLANT DATE: 2015.03.01
FILE: ---
DRAWN BY: AMM
DESIGNED BY: AMM
REVIEWED BY: DMK
PROJECT NO: 124.001

SHEET NO. **7**
 OF 14



- NOTES:
1. ALL EXISTING FEATURES THAT ARE TO BE DEMOLISHED OR REMOVED ARE NOT SHOWN ON THIS SITE PLAN.
 2. TREES THAT EXIST ON-SITE WHICH ARE SCHEDULED TO BE REMOVED ARE NOT SHOWN ON THIS SITE PLAN. ALL TREES SHOWN ARE PROTECTED TREES. TREES SHOWN DARK ARE SPECIMEN TREES. THERE ARE NO HISTORIC TREES ON THIS PROPERTY.
 3. PROPOSED FEATURES SHOWN IN GRAY ARE INTENDED FOR INFORMATIONAL PURPOSES ONLY, AND DO NOT INDICATE REQUIRED STRIPING (I.E. FIRE LANE, TRAFFIC FLOW ARROWS AND DROP-OFF AREA, ETC.).
 4. ALL PAVEMENT STRIPING PROPOSED IS TO MEET THE LATEST FDOT PAVEMENT STRIPING STANDARDS AND CRITERIA.
 5. THE ADA PATH DEPICTED ON THIS PLAN SET REPRESENTS THE REQUIRED ADA PATH CONNECTING THE PROPOSED ADA HANDICAP PARKING SPACE TO THE PROPOSED BUILDING, AND TO THE EXISTING SIDEWALK WHICH IS ADA COMPLIANT. THE PATH DOES NOT INDICATE ADA ACCESS TO THE EXISTING BUILDING. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ALL DESIGNATED ADA PATHS ARE CONSTRUCTED PROPERLY AND MEET THE GOVERNING CRITERIA FOR HANDICAP ACCESSIBLE PATHS.

ADJACENT PROPERTY ZONED I-1
 INDUSTRIAL / UTILITIES FUTURE LAND USE
 CURRENT CRANE MAINTENANCE COMPANY

ADJACENT PROPERTY ZONED B-4
 GEN. COM FUTURE LAND USE
 CURRENT STRIP RETAIL W/ ANCHOR AND OUTPARCELS

ADJACENT PROPERTY ZONED B-4
 GEN. COM FUTURE LAND USE
 CURRENT STRIP RETAIL W/ ANCHOR AND OUTPARCELS

PR. BUILDING
 FLOOR AREA = 3,032 SF
 FFE = 8.0
 GR. EL = 4.0
 (SEE ARCH. PLANS)

EX. BUILDING
 FLOOR AREA = 11,380 SF
 FFE = 5.53

ADA PATH (TYP.)
 (SEE NOTES AND
 GRADING PLAN)

ELEVATED WALKWAY
 (SEE ARCH. PLANS)

ADA ACCESS RAMP
 (SEE ARCH. PLANS)

FRONT ENTRY STAIRCASE
 (SEE ARCH. PLANS)

SURVEYED WETLANDS

STORMWATER
 RETENTION POND
 NORMAL WATER
 ELEVATION = 2.0'

SURVEYED WETLANDS

RECONST. SIDEWALK TO CONNECT PROP. ADA
 PARKING TO EXISTING ADA SIDEWALK
 (SEE GRADING PLAN FOR DETAILS)

WHEEL STOP (TYP.)

6' WHITE STRIPING (TYP.)

PR. FIRE LANE (TYP.)

TRAFFIC FLOW
 ARROW (TYP.)

MUTCD TYPE R1-1 "STOP" SIGN W/
 TYPE RS-1 "DO NOT ENTER" SIGN
 ATTACHED ON BACK

12' WHITE STOP BAR

EX. DECORATIVE "EXIT ONLY"
 SIGN TO BE RELOCATED

EX. DECORATIVE "ENTER"
 SIGN TO REMAIN

MARKINGS AND SIGNAGE PER
 CITY STANDARD M-12A AND M-12B
 (SEE CONSTRUCTION DETAILS)

LANDSCAPE SET-BACK LINE (TYP.)

BUILDING SET-BACK LINE (TYP.)

PROPERTY LINE (TYP.)

SPEED BUMP ON TOP
 OF CONC. ENCASED PIPES
 (SEE DRAINAGE PLAN AND
 CONSTRUCTION DETAILS)

SURVEYED WETLANDS

ADJACENT PROPERTY ZONED B-4
 GEN. COM FUTURE LAND USE
 CURRENT STRIP RETAIL W/ ANCHOR AND OUTPARCELS

ADJACENT PROPERTY ZONED B-4
 GEN. COM FUTURE LAND USE
 CURRENT STRIP RETAIL W/ ANCHOR AND OUTPARCELS

PR. BUILDING
 FLOOR AREA = 3,032 SF
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 (SEE ARCH. PLANS)

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 FLOOR AREA = 11,380 SF
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 (SEE NOTES AND
 GRADING PLAN)

ELEVATED WALKWAY
 (SEE ARCH. PLANS)

ADA ACCESS RAMP
 (SEE ARCH. PLANS)

FRONT ENTRY STAIRCASE
 (SEE ARCH. PLANS)

SURVEYED WETLANDS

STORMWATER
 RETENTION POND
 NORMAL WATER
 ELEVATION = 2.0'

SURVEYED WETLANDS

RECONST. SIDEWALK TO CONNECT PROP. ADA
 PARKING TO EXISTING ADA SIDEWALK
 (SEE GRADING PLAN FOR DETAILS)

WHEEL STOP (TYP.)

6' WHITE STRIPING (TYP.)

PR. FIRE LANE (TYP.)

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 ARROW (TYP.)

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 CITY STANDARD M-12A AND M-12B
 (SEE CONSTRUCTION DETAILS)

LANDSCAPE SET-BACK LINE (TYP.)

BUILDING SET-BACK LINE (TYP.)

PROPERTY LINE (TYP.)

SPEED BUMP ON TOP
 OF CONC. ENCASED PIPES
 (SEE DRAINAGE PLAN AND
 CONSTRUCTION DETAILS)

SURVEYED WETLANDS



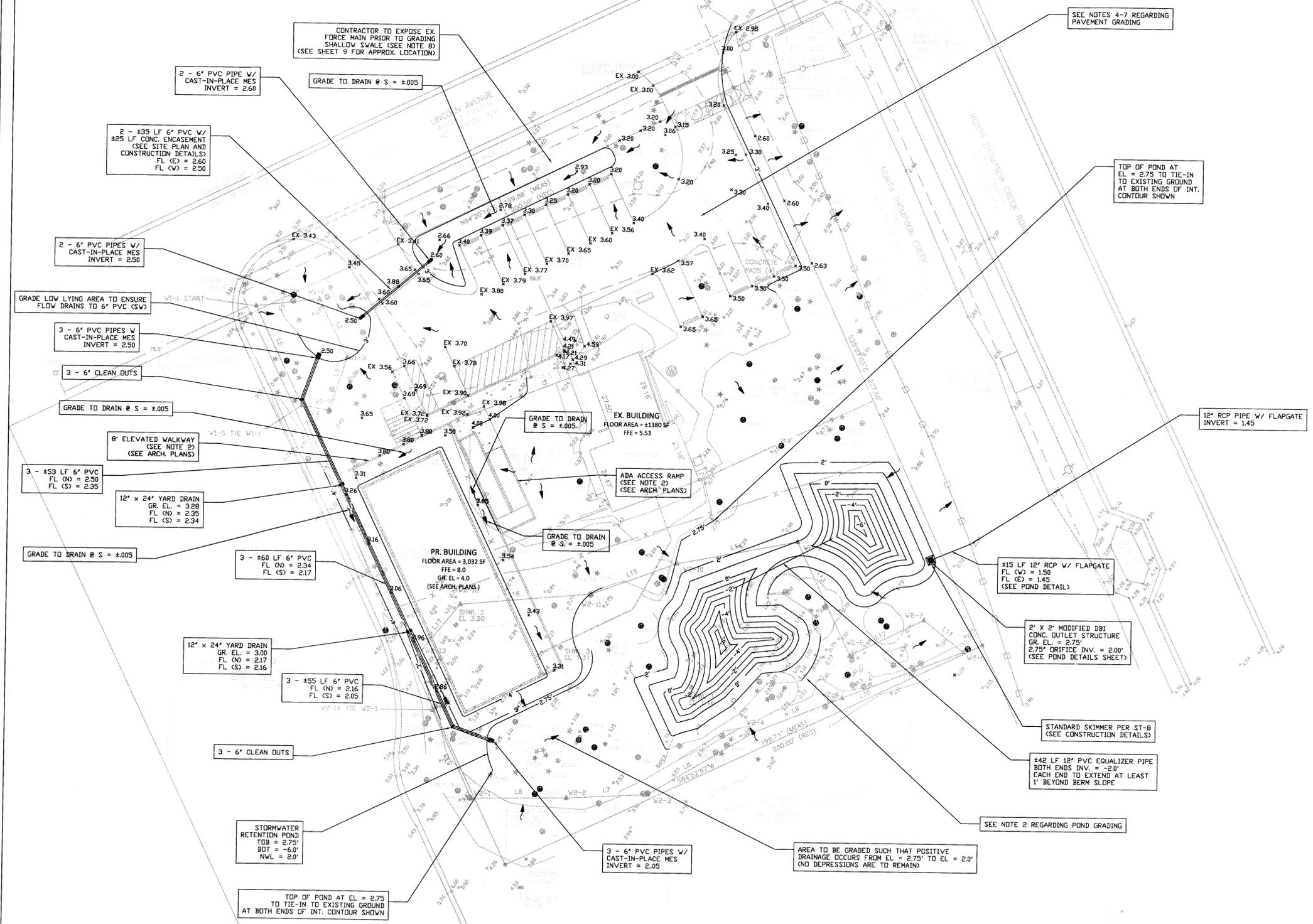
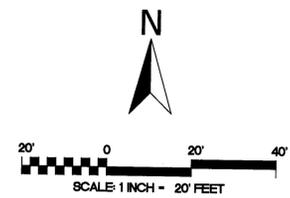
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The New Era of Engineering
444 Seabreeze Blvd., Suite 715
Daytona Beach, FL 32118



PAVING, GRADING AND DRAINAGE PLAN

CHILDREN'S WORKSHOP
506 LINCOLN AVE.
ORMOND BEACH, VOLUSIA CO., FL

CHILDREN'S WORKSHOP



CONTRACTOR TO EXPOSE EX. FORCE MAIN PRIOR TO GRADING SHALLOW SWALE (SEE NOTE 8) (SEE SHEET 9 FOR APPROX. LOCATION)

2 - 6" PVC PIPE W/ CAST-IN-PLACE MES INVERT = 2.60

GRADE TO DRAIN @ S = ±.005

2 - 435 LF 6" PVC W/ #25 LF CONC. ENCASUREMENT (SEE SITE PLAN AND CONSTRUCTION DETAILS) FL (C) = 2.60 FL (W) = 2.50

2 - 6" PVC PIPES W/ CAST-IN-PLACE MES INVERT = 2.50

GRADE LOW LYING AREA TO ENSURE FLOW DRAINS TO 6" PVC (SW)

3 - 6" PVC PIPES W/ CAST-IN-PLACE MES INVERT = 2.50

3 - 6" CLEAN OUTS

GRADE TO DRAIN @ S = ±.005

8' ELEVATED WALKWAY (SEE NOTE 2) (SEE ARCH. PLANS)

3 - 453 LF 6" PVC FL (N) = 2.50 FL (S) = 2.35

12" x 24" YARD DRAIN GR. EL. = 3.28 FL (N) = 2.35 FL (S) = 2.34

GRADE TO DRAIN @ S = ±.005

3 - 460 LF 6" PVC FL (N) = 2.34 FL (S) = 2.17

12" x 24" YARD DRAIN GR. EL. = 3.00 FL (N) = 2.17 FL (S) = 2.16

3 - 455 LF 6" PVC FL (N) = 2.16 FL (S) = 2.05

3 - 6" CLEAN OUTS

STORMWATER RETENTION POND TOB = 2.75' BOT = -6.0' NVL = 2.0'

TOP OF POND AT EL. = 2.75 TO TIE-IN TO EXISTING GROUND AT BOTH ENDS OF INT. CONTOUR SHOWN

3 - 6" PVC PIPES W/ CAST-IN-PLACE MES INVERT = 2.05

AREA TO BE GRADED SUCH THAT POSITIVE DRAINAGE OCCURS FROM EL. = 2.75' TO EL. = 2.0' (NO DEPRESSIONS ARE TO REMAIN)

SEE NOTES 4-7 REGARDING PAVEMENT GRADING

TOP OF POND AT EL. = 2.75 TO TIE-IN TO EXISTING GROUND AT BOTH ENDS OF INT. CONTOUR SHOWN

12" RCP PIPE W/ FLAPGATE INVERT = 1.45

415 LF 12" RCP W/ FLAPGATE FL (W) = 1.50 FL (E) = 1.45 (SEE POND DETAIL)

2' x 2' MODIFIED DBI CONC. OUTLET STRUCTURE GR. EL. = 2.75' 2.75" DRIFICE INV. = 2.00' (SEE POND DETAILS SHEET)

STANDARD SKIMMER PER ST-8 (SEE CONSTRUCTION DETAILS)

442 LF 12" PVC EQUALIZER PIPE BOTH ENDS INV. = -2.0' EACH END TO EXTEND AT LEAST 1' BEYOND BERM SLOPE

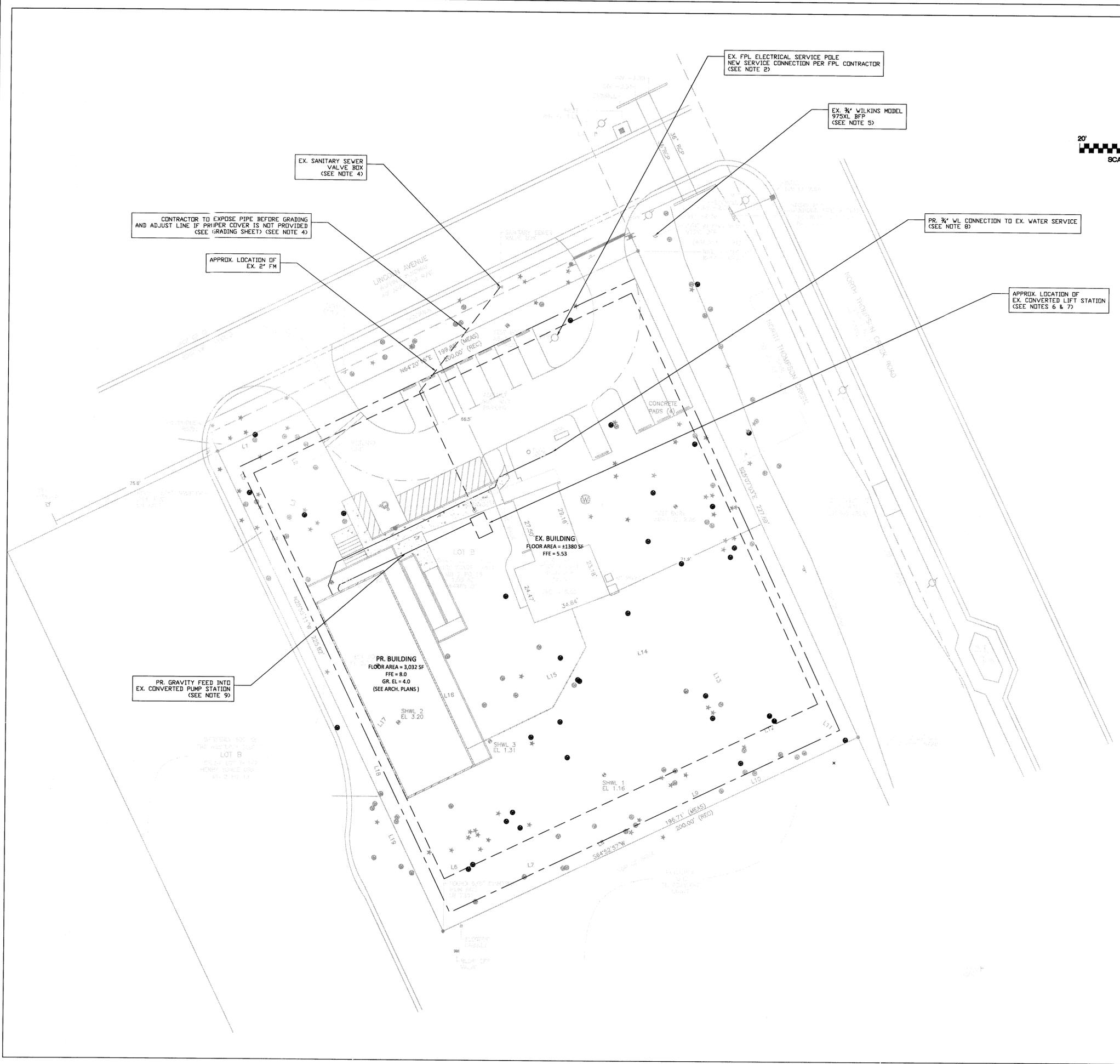
SEE NOTE 2 REGARDING POND GRADING

NOTES:

- TREES THAT EXIST ON-SITE WHICH ARE SCHEDULED TO BE REMOVED ARE NOT SHOWN ON THIS SITE PLAN. ALL TREES SHOWN ARE PROTECTED TREES. TREES SHOWN DARK ARE SPECIMEN TREES. THERE ARE NO HISTORIC TREES ON THIS PROPERTY.
- SPOT GRADES SHOWN ON THIS SHEET REPRESENT GROUND ELEVATIONS UNLESS OTHERWISE NOTED. REFER TO ARCHITECTURAL PLANS FOR CONSTRUCTION DETAILS.
- CONTRACTOR TO TAKE SPECIAL CAUTION WHILE GRADING THIS AREA. THE INTENT IS TO MAINTAIN TREES AT THEIR EXISTING ELEVATION. THE SOUTH SIDE OF THE POND IS TO REMAIN IN ITS EXISTING STATE ABOVE ELEVATION EL=1. EARTHWORK SHOULD ONLY CONSIST OF CUT BELOW EL=1 TO ACHIEVE REQUIRED DEPTH IN THIS AREA.
- EXISTING PAVEMENT IS TO BE RESURFACED TO MEET GRADE. MILLING DEPTHS AND REPLACEMENT FOR EXISTING PAVED AREAS IS AT THE DISCRETION OF THE CONTRACTOR, AND MUST BE AT A MINIMUM, IN ACCORDANCE WITH FBC REQUIREMENTS.
- NEW PAVEMENT SHALL BE CONSTRUCTED PER CITY OF ORMOND BEACH STANDARD R-5 (SEE CONSTRUCTION DETAILS).
- IF THE CONTRACTOR CHOOSES TO COMPLETELY REMOVE ALL ASPHALT AND RE-GRADE THE ENTIRE DRIVEWAY, THE SLOPES SHALL MEET DRIVEWAY AND PARKING STANDARD DETAILS AND SHALL DRAIN AS SHOWN ON THIS SHEET.
- CONTRACTOR SHALL REFER TO IRRIGATION PLAN FOR IRRIGATION LINE SLEEVE LOCATIONS.
- CONTRACTOR SHALL EXPOSE EXISTING FORCE MAIN TO VERIFY THAT THE MINIMUM COVER OF 30" IS ACHIEVED GIVEN THE PROPOSED GRADE OF THE SHALLOW SWALE. IF SUFFICIENT COVER IS NOT ACHIEVABLE, THE FORCE MAIN IS TO BE ADJUSTED TO PROVIDE THE MINIMUM COVER.



PLACING SCALE	1:1
DATE	2013.03.01
FILE	
DRAWN BY	AM
DESIGNED BY	AM
REVIEWED BY	DM
PROJECT NO.	124-001



CONTRACTOR TO EXPOSE PIPE BEFORE GRADING AND ADJUST LINE IF PRIMER COVER IS NOT PROVIDED (SEE GRADING SHEET) (SEE NOTE 4)

APPRX. LOCATION OF EX. 2" FM

EX. SANITARY SEWER VALVE BOX (SEE NOTE 4)

EX. FPL ELECTRICAL SERVICE POLE NEW SERVICE CONNECTION PER FPL CONTRACTOR (SEE NOTE 2)

EX. 3/4" WILKINS MODEL 975XL BFP (SEE NOTE 5)

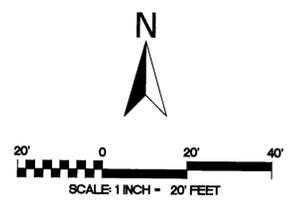
PR. 3/4" WL CONNECTION TO EX. WATER SERVICE (SEE NOTE 8)

APPRX. LOCATION OF EX. CONVERTED LIFT STATION (SEE NOTES 6 & 7)

PR. GRAVITY FEED INTO EX. CONVERTED PUMP STATION (SEE NOTE 9)

PR. BUILDING FLOOR AREA = 3,032 SF FFE = 8.0 GR. EL = 4.0 (SEE ARCH. PLANS)

EX. BUILDING FLOOR AREA = 11,380 SF FFE = 5.53



DATE	NO.	REVISION

APRIL

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444 Seabreeze Blvd., Suite 715
Daytona Beach, FL 32118

Ch. H. H. H.
2/10/15

A.W.W.A. WATER AND WASTEWATER DEMAND CALCULATIONS

WATER DEMAND	15 GPD / STUDENT	100 * 15 = 1,500 GPD
WASTEWATER DEMAND	10 GPD / STUDENT	100 * 10 = 1,000 GPD
	15 GPD / TEACHER	10 * 15 = 150 GPD
	TOTAL	1,000 + 150 = 1,150 GPD

NOTES:

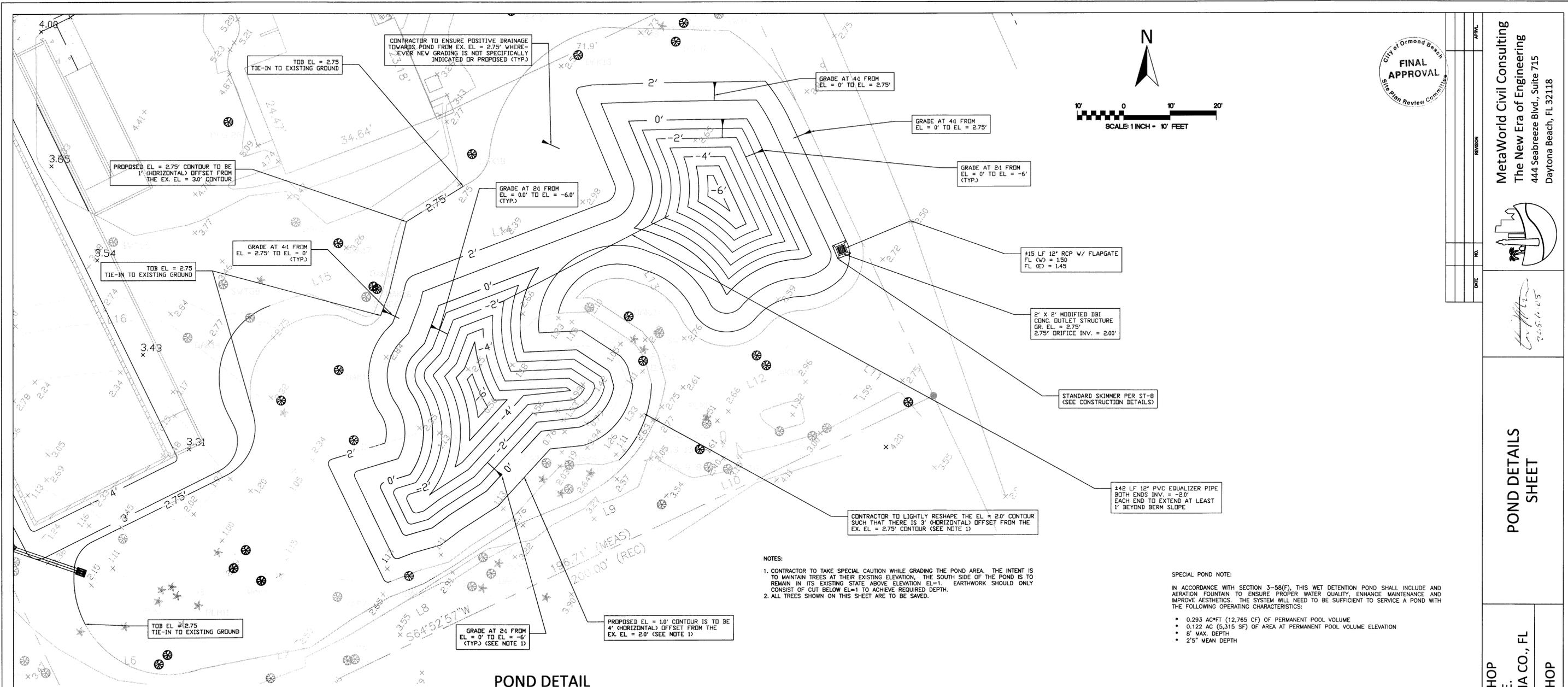
1. UNDERGROUND SURVEY WAS NOT CONDUCTED FOR THIS PROJECT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.
2. ELECTRICAL SERVICE CONNECTIONS TO BE DESIGNED AND CONSTRUCTED BY FLORIDA POWER AND LIGHT.
3. THERE ARE NO NATURAL GAS CONNECTIONS PROPOSED IN THIS PLAN SET.
4. THE WASTEWATER CONNECTION FOR THE SITE (EXISTING AND PROPOSED) CONNECTS TO A PUBLIC 2" FORCE MAIN WITHIN THE LINCOLN AVE. R/W. THIS PIPE IS TO BE EXPOSED TO VERIFY THAT 30" OF COVER IS MAINTAINED ABOVE THE PIPE AT THE PROPOSED GRADE. IF 30" OF COVER IS NOT AVAILABLE, CONTRACTOR IS TO ADJUST THE 2" FORCE MAIN TO PROVIDE COVER.
5. THE WATER CONNECTION FOR THE SITE (EXISTING AND PROPOSED) CONNECTS TO A PUBLIC 8" WATER MAIN WITHIN THE LINCOLN AVE. R/W.
6. THE WASTEWATER COLLECTION SYSTEM FOR THE SITE IS A 1200 GALLON SEPTIC TANK (300 GALLONS OF WHICH IS A DOSING TANK) AND DRAIN FIELD SYSTEM THAT HAS BEEN CONVERTED TO A PUMP/LIFT STATION. THE DRAIN FIELD NO LONGER EXISTS AND WASTEWATER IS DISTRIBUTED TO AND COLLECTED BY THE PUBLIC SEWER SYSTEM.
7. CONTRACTOR TO REPLACE EXISTING PUMP IN CONVERTED PUMP/LIFT STATION WITH A DUPLEX GRINDER PUMP AS SPECIFIED IN CONTRACT DOCUMENTS.
8. CONTRACTOR TO LOCATE AND CONNECT TO EXISTING WATER SERVICE.
9. PLUMBING ASPECTS INTERNAL TO THE SITE AND BUILDING, ASIDE FROM THE DISTRIBUTION TO OR FROM THE PUBLIC UTILITIES ARE NOT THE RESPONSIBILITY OF THE EOR. IT IS THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR TO COORDINATE WITH ARCHITECT REGARDING INTERNAL SYSTEM REQUIREMENTS AND DEMANDS.

UTILITY PLAN

CHILDREN'S WORKSHOP
506 LINCOLN AVE.
ORMOND BEACH, VOLUSIA CO., FL
CHILDREN'S WORKSHOP



PLOTTING SCALE:	1:1
PLANT DATE:	2015.10.01
FILE:	---
DRAWN BY:	AHM
DESIGNED BY:	AHM
REVIEWED BY:	DEL
PROJECT NO.:	124.001



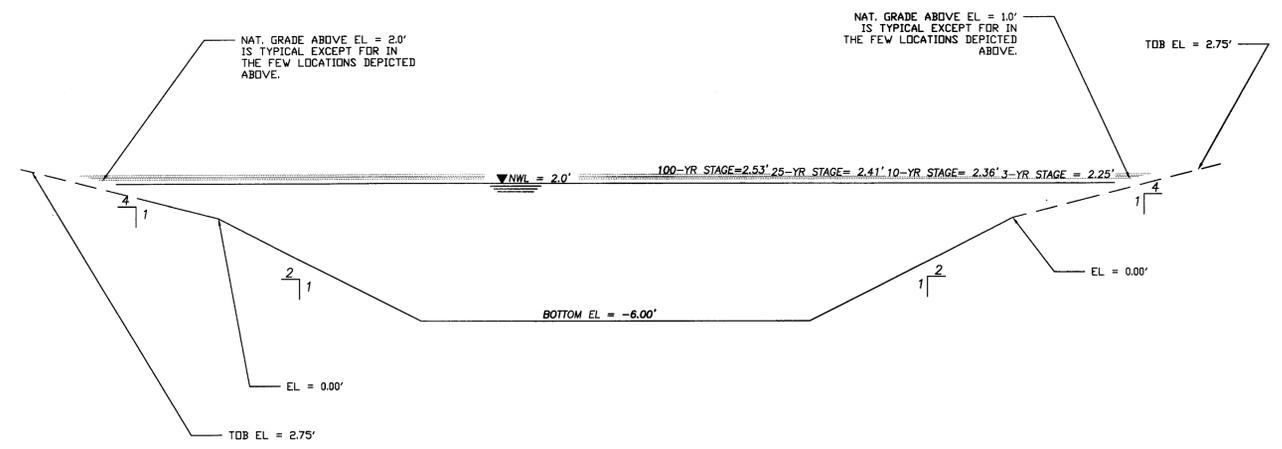
POND DETAIL

- NOTES:
- CONTRACTOR TO TAKE SPECIAL CAUTION WHILE GRADING THE POND AREA. THE INTENT IS TO MAINTAIN TREES AT THEIR EXISTING ELEVATION. THE SOUTH SIDE OF THE POND IS TO REMAIN IN ITS EXISTING STATE ABOVE ELEVATION EL=1. EARTHWORK SHOULD ONLY CONSIST OF CUT BELOW EL=1 TO ACHIEVE REQUIRED DEPTH.
 - ALL TREES SHOWN ON THIS SHEET ARE TO BE SAVED.

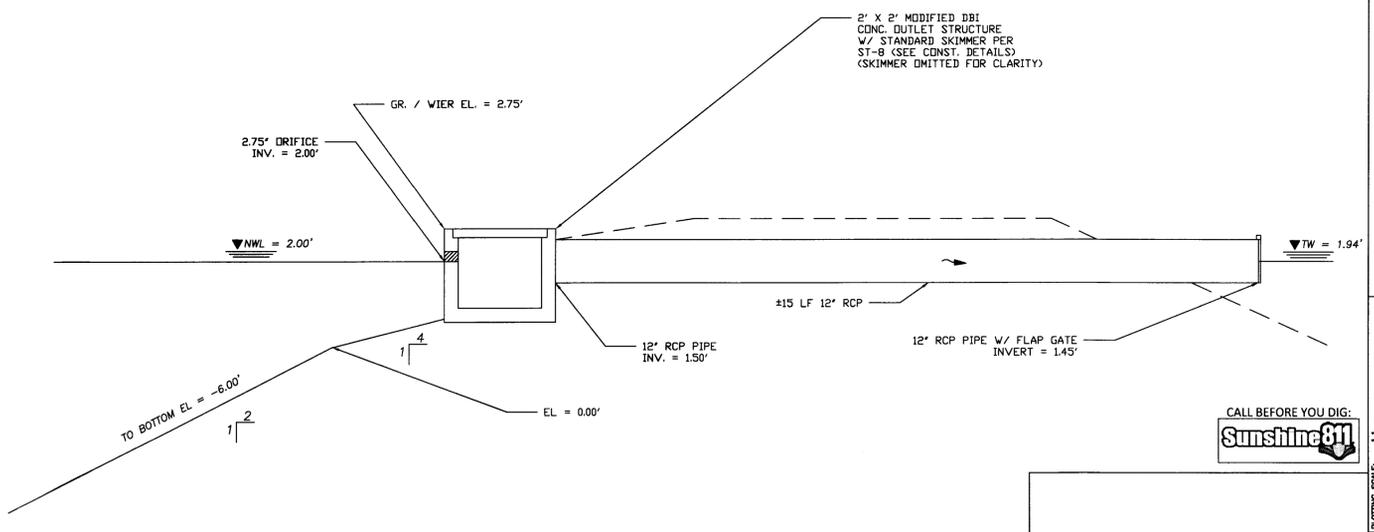
SPECIAL POND NOTE:

IN ACCORDANCE WITH SECTION 3-58(F), THIS WET DETENTION POND SHALL INCLUDE AND AERATION FOUNTAIN TO ENSURE PROPER WATER QUALITY, ENHANCE MAINTENANCE AND IMPROVE AESTHETICS. THE SYSTEM WILL NEED TO BE SUFFICIENT TO SERVICE A POND WITH THE FOLLOWING OPERATING CHARACTERISTICS:

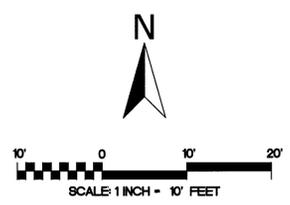
- 0.293 AC*FT (12,765 CF) OF PERMANENT POOL VOLUME
- 0.122 AC (5,315 SF) OF AREA AT PERMANENT POOL VOLUME ELEVATION
- 8' MAX. DEPTH
- 2.5' MEAN DEPTH



POND TYPICAL SECTION



OUTLET STRUCTURE DETAIL



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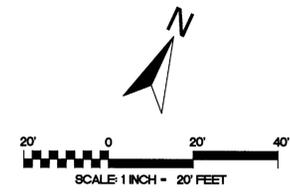
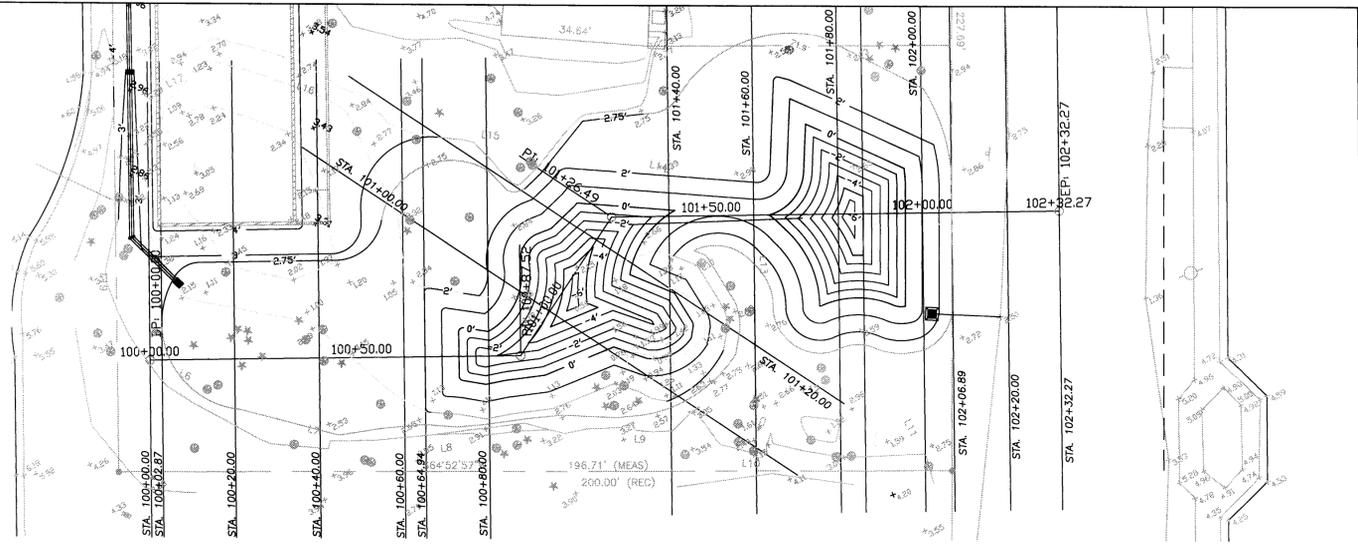
[Signature]
2015.10.01

POND DETAILS SHEET

CHILDREN'S WORKSHOP
506 LINCOLN AVE.
ORMOND BEACH, VOLUSIA CO., FL
CHILDREN'S WORKSHOP



PLOTTING SCALE: 1:1
FILE DATE: 2015.10.01
FILE: ---
DRAWN BY: AM
DESIGNED BY: AM
REVIEWED BY: DEL
PROJECT NO: 124.001



NO.	DATE	REVISION

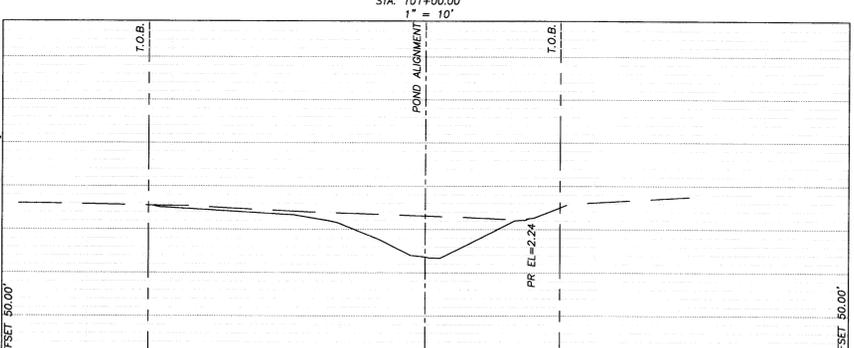
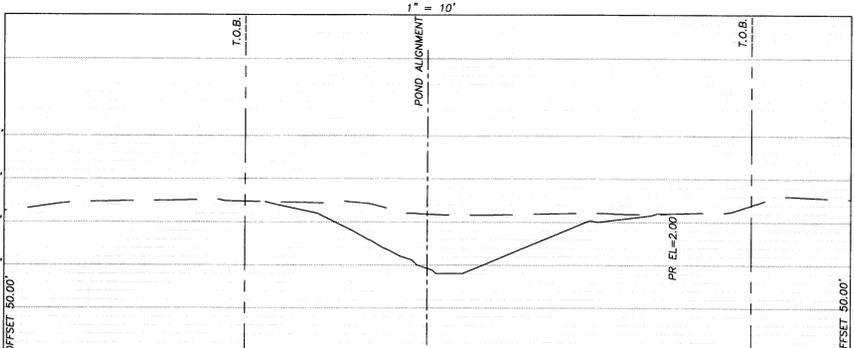
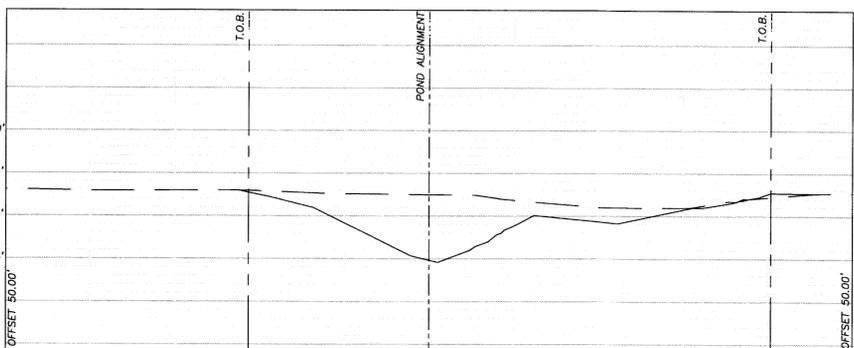
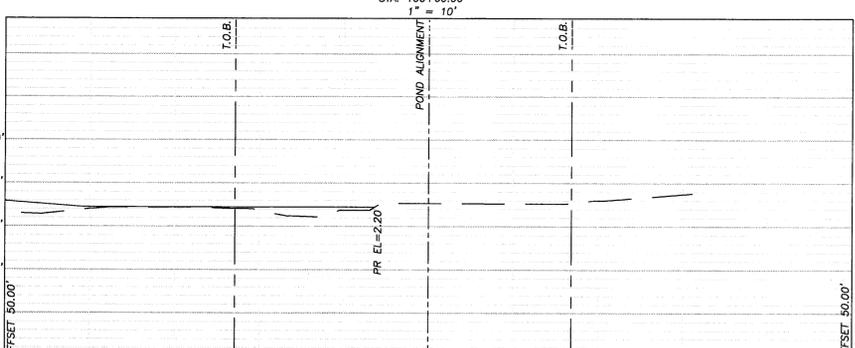
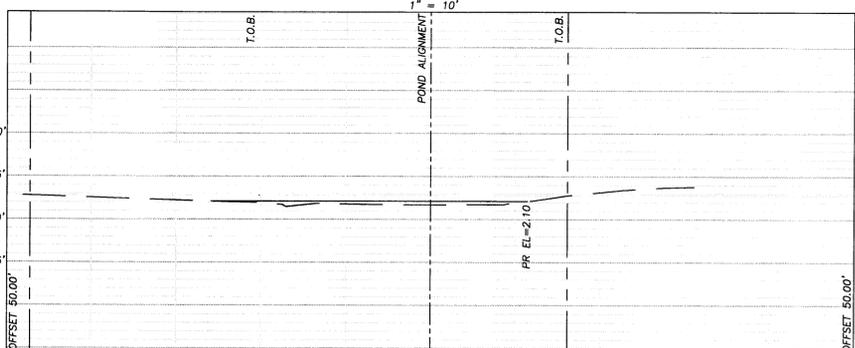
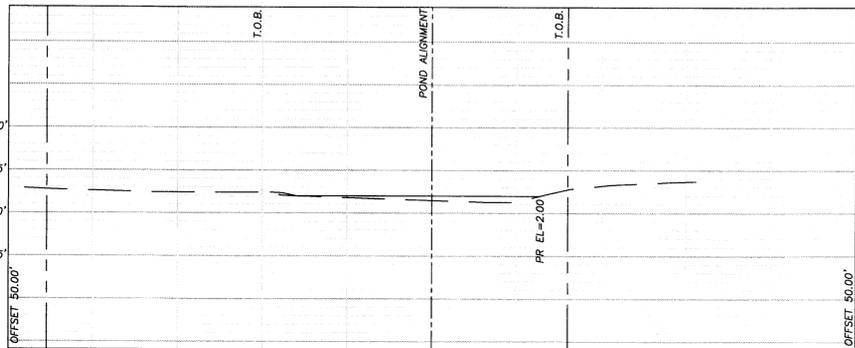
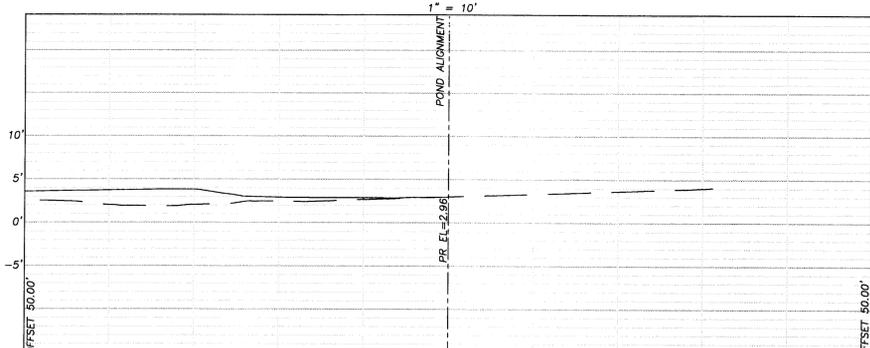
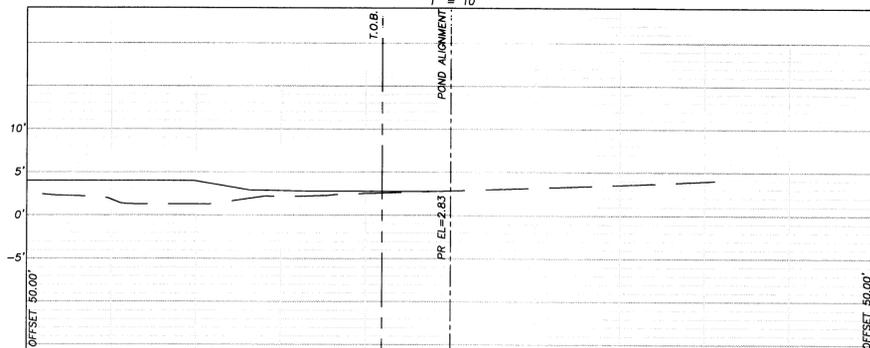
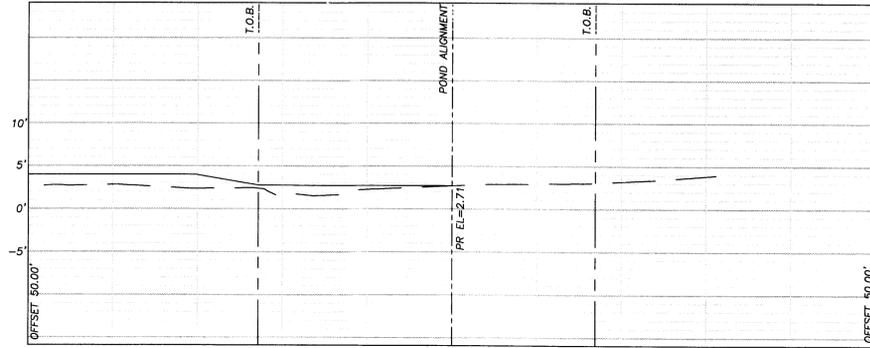
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 2015-11-05

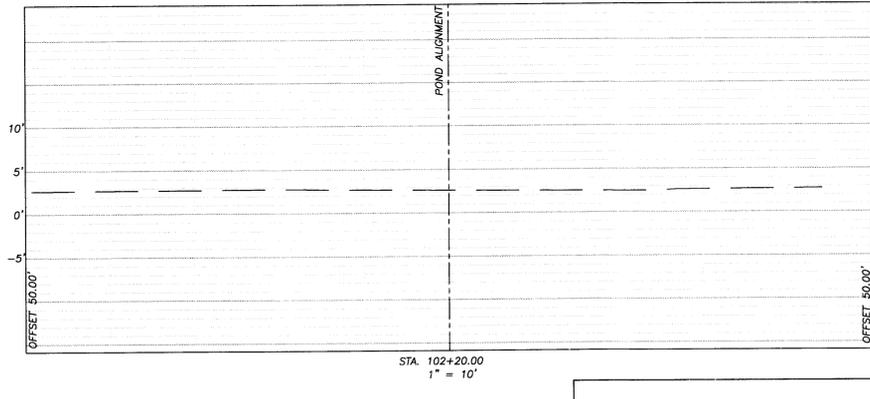
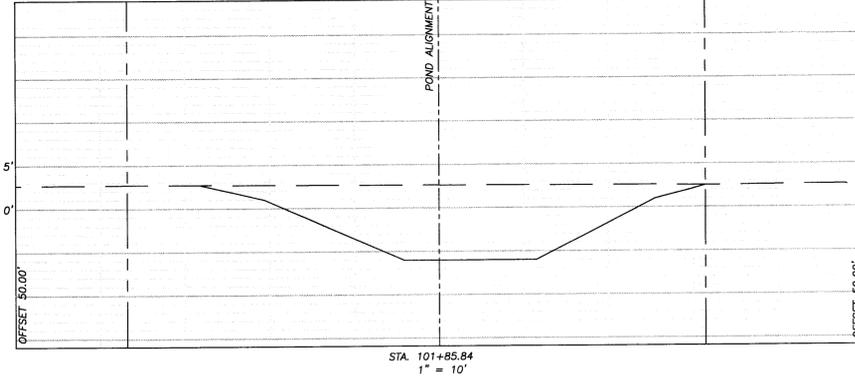
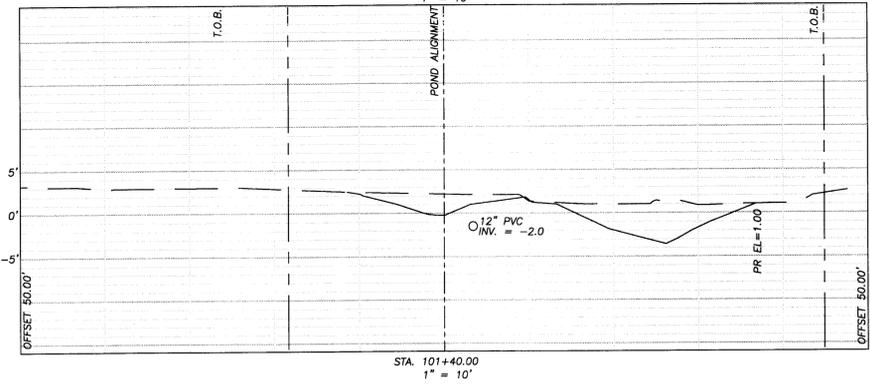
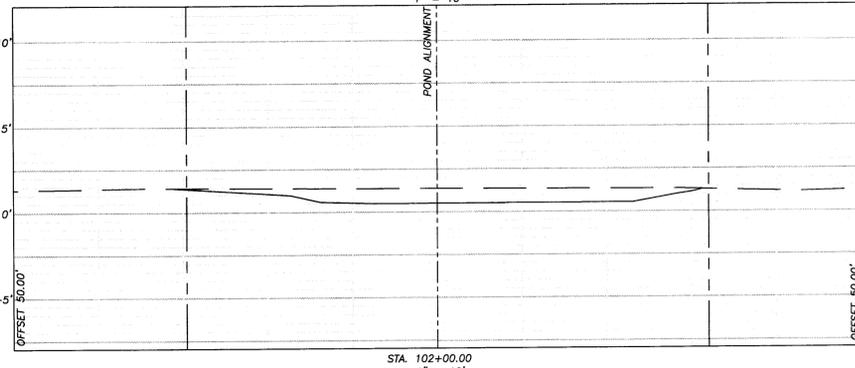
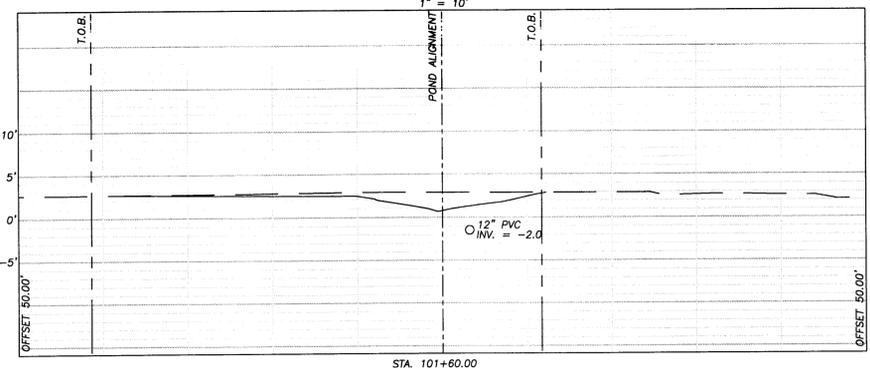
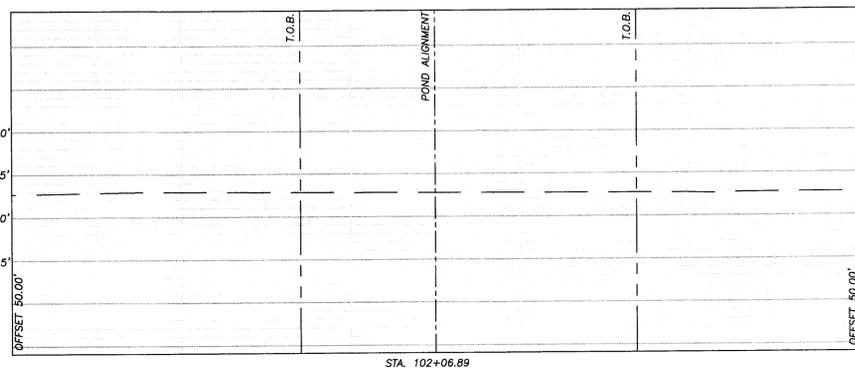
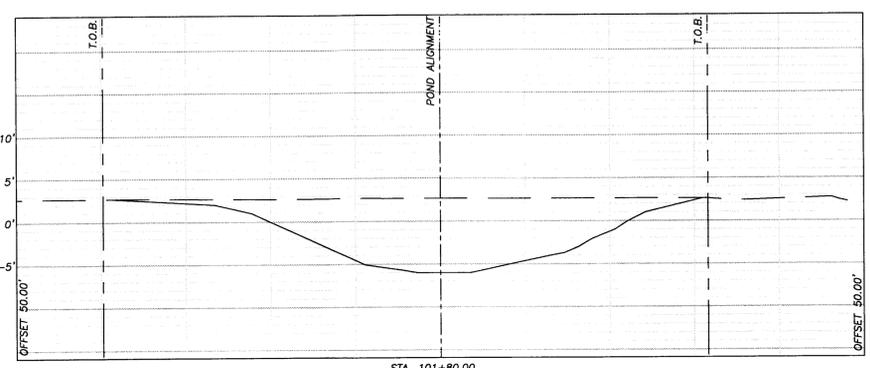
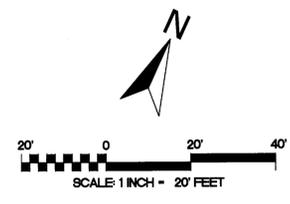
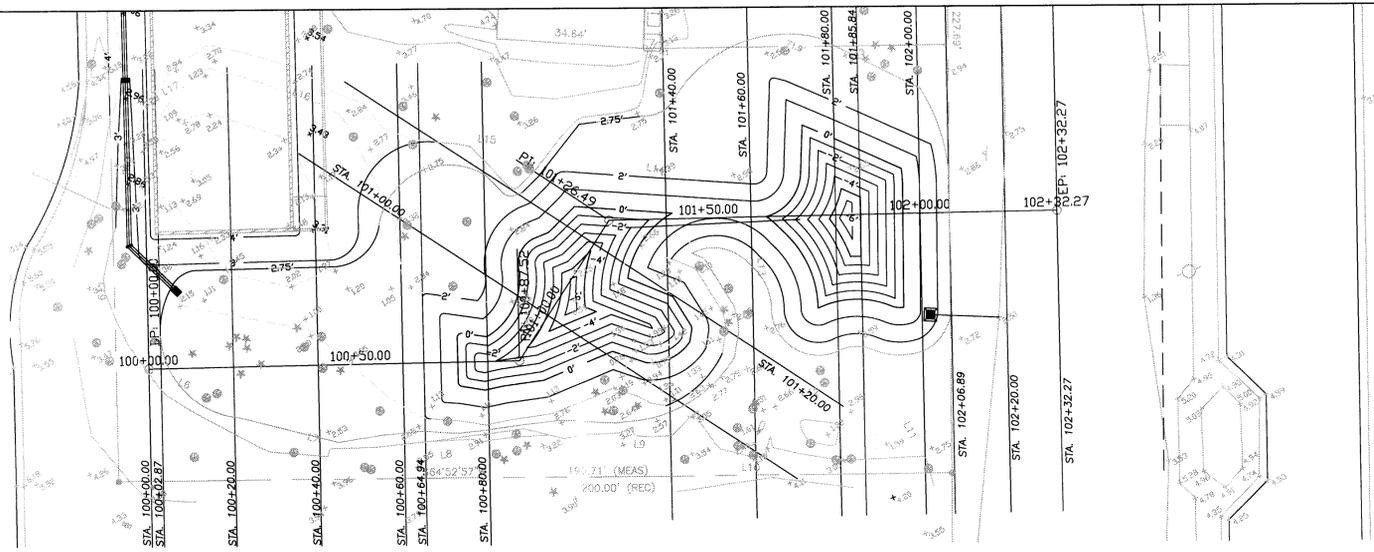
POND CROSS-SECTION SHEETS

CHILDREN'S WORKSHOP
 506 LINCOLN AVE.
 ORMOND BEACH, VOLUSIA CO., FL
 CHILDREN'S WORKSHOP



PLOTTING SCALE: 1:1
PLUT DATE: 2015.10.01
FILE: ---
DRAWN BY: AM
DESIGNED BY: AM
REVIEWED BY: DR
PROJECT NO: 15-001

SHEET NO. 11
 OF 14



DATE	NO.	REVISION	APPROVAL

MetaWorld Civil Consulting
 The New Era of Engineering
 444 Seabreeze Blvd., Suite 715
 Daytona Beach, FL 32118



[Signature]
 2/17/10

POND CROSS-SECTION SHEETS

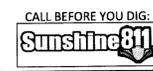
CHILDREN'S WORKSHOP
 506 LINCOLN AVE.
 ORMOND BEACH, VOLUSIA CO., FL
 CHILDREN'S WORKSHOP

PLOTTING SCALE: 1:1
PLOT DATE: 2015.10.01
FILE: ---
DRAWN BY: AM
DESIGNED BY: AM
REVIEWED BY: DRL
PROJECT NO: 124.001

SHEET NO.

12

OF 14



TREE MITIGATION CALCULATION FORM

A. Protected Trees:

1. Number of protected trees to be removed within proposed building footprint, sidewalks, parking and drive areas or streets (Impervious area). **7**

2. Remainder of protected trees to be removed from retention areas, perimeter buffers and all other pervious areas. **5**

3. List of total tree density of saved protected and specimen trees on-site. Give the answer in terms of trees/acre. **57 / 1.0 = 57 Trees/Ac**

If total tree density is less than 50 trees/acre, go to #4
If total tree densities are more than 50 trees/acre, go to #5

5. Due to 100% waiver exemption for tree densities total over 50 trees/acre, the entire number of trees in #1 require no mitigation.

Total number of trees provided in #1. **7**

Total mitigation requirement will be number of trees in #2 (replacement size of 2 1/2" caliper minimum) **5**

B. Specimen Trees:

1. List all specimen trees to be removed. Include variety of tree, quantity and caliper size measured at 4 1/2" above the grade.

CALIPER	VARIETY	QUANTITY	X	# of 4 1/2" CALIPER TREES REQUIRED TO MITIGATE	=	TOTAL
15"	OAK	3	X	2	=	6
17"	OAK	1	X	2	=	2
18"	OAK	2	X	2	=	4
21"	OAK	1	X	3	=	3
22"	MAPLE	1	X	3	=	3
24"	OAK	1	X	3	=	3
27"	OAK	1	X	4	=	4

TOTAL # OF TREES REMOVED **10** TOTAL # OF 4 1/2" CALIPER TREES REQUIRED TO MITIGATE **25**

TOTAL NUMBER OF SPECIMEN TREES ON SITE **37**

SPECIMEN TREES PER ACRE **37**

MINIMUM SPECIMEN TREE PROTECTION REQUIREMENT MORE THAN 8.0 PER ACRE (4) PER ACRE

TOTAL NUMBER OF SPECIMEN TREES REQUIRED TO SAVE **4**

TOTAL NUMBER OF SPECIMEN TREES PROPOSED TO SAVE **27**

C. Total Mitigation:

1. Total number of 2 1/2" caliper trees from Section A to mitigate protected trees. (Enter on Line a) **(a) 5**

Existing trees preserved on-site where the natural vegetation around them remains predominantly undisturbed. Trees must be a minimum of 2" caliper at 4 1/2" foot above grade and can be credited on a one-to-one basis to substitute for the protected trees from Section A. (Enter on Line b) **(b) 18**

Total Protected Tree Mitigation (Subtract b from line a) **(c) (13)**

2. Total number of 4 1/2" caliper trees from Section B to mitigate specimen trees. (Enter on Line d) **(d) 25**

Existing specimen trees preserved on-site can also be credited to substitute for the mitigation of any specimen trees removed as required by Section B. (enter number of specimen trees preserved on Line e) **(e) 27**

Total Specimen Tree Mitigation (subtract line d from line e) **(f) (2)**

3. List trees that will be provided as mitigation for: **NONE REQUIRED**

Proposed Trees:	Size in Caliper	Quantity	2 1/2" Caliper	Total 2 1/2" Tree Credits
	2 1/2" (min.)		x	1
			x	1
			x	1

Existing Protected Trees: **1**

Total 2 1/2" Caliper Tree Credits: **1** Total = (g)

Specimen Trees: **NONE REQUIRED**

Specimen Trees:	Size in Caliper	Quantity	4 1/2" Caliper	Total 4 1/2" Tree Credits
			x	
			x	
			x	

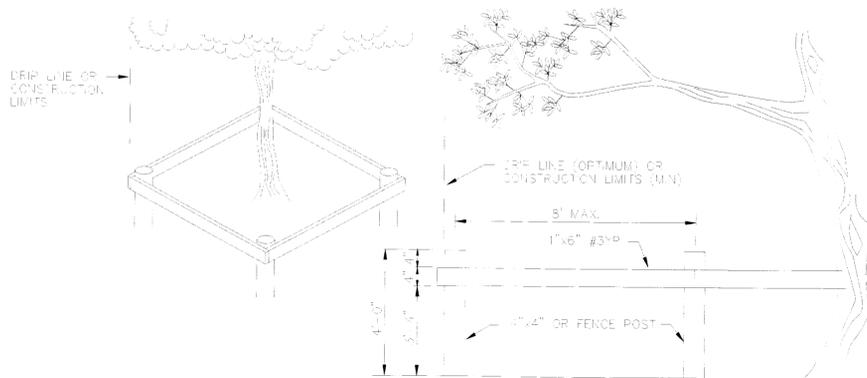
Existing Specimen Trees: **1**

Total 4 1/2" Caliper Tree Credits: **1** Total = (h)

NOTE: If amount in "g" meets or exceeds amount in "c", and amount in "h" meets or exceeds amount in "f", the mitigation is complete. (In all cases, site must maintain a minimum of (1) tree for every 1,500 square feet of total site area or (1) tree for every 400 square feet of landscape area, whichever results in the greater number of trees. (This calculation must be shown on the plan).

("g") **1** meets or exceeds amount in ("c") **(13)** = complete mitigation

("h") **1** meets or exceeds amount in ("f") **(2)** = complete mitigation



NOTE: HIGH-VISIBILITY PLASTIC NETTING FENCE MAY BE SUBSTITUTED IF APPROVED BY REVIEWING AGENCY.
NOTE: TREE PROTECTION TO BE INSTALLED ON ALL TREES WITHIN THE CONSTRUCTION AREA.

TREE PROTECTION DETAIL

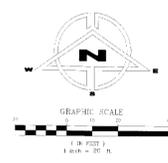


LEGEND

- EXISTING NON-SPECIMEN TREE TO REMAIN (SIZE AND TYPE INDICATED)
- EXISTING SPECIMEN TREE TO REMAIN (SIZE AND TYPE INDICATED)
- EXISTING DYING/DISEASED TREE TO BE REMOVED (NOT SHOWN IN TREE REMOVAL CALCULATION) (SIZE AND TYPE INDICATED)
- EXISTING NON-SPECIMEN TREE TO BE REMOVED (SIZE AND TYPE INDICATED)
- EXISTING SPECIMEN TREE TO BE REMOVED (SIZE AND TYPE INDICATED)



REQUIRED TREES ON SITE
1.03 Acres (44,963.7 SF)
REQUIRED:
ONE (1) TREE / 1,500 SF = 29 TREES (EXISTING)
LANDSCAPE/GREEN SPACE AREA:
0.79 Acres (36,742.7 SF)
ONE (1) TREE / 400 SF OF LANDSCAPE AREA = 89 TREES
EXISTING TREES ON SITE: 67 TREES
PROPOSED: 21 TREES



CHILDREN'S WORKSHOP
FINAL SITE PLAN
TREE REMOVAL AND CALCULATIONS

THE STERN DESIGN GROUP, P.A.
LANDSCAPE ARCHITECTS • LAND PLANNERS
660 Palmetto Circle, Port Orange, Florida 32129
(386) 788-3788 FAX 788-1880
SternDesignGroup@att.net

PROJECT NO: 15-2015-08-30 DATE PREPARED: JULY 2, 2015
DESIGNED BY: J.S. CHECKED BY: J.S.
SCALE: 1"=20'-0" FULL LOCATION OF: LA-1

GENERAL NOTES

ALL PLANT MATERIAL THAT IS INSTALLED MUST BE FLORIDA GROWN, GRADES OR BETTER ACCORDING TO THE CURRENT GRASSES AND STANDARDS FOR TURFGRASS PLANTS, STATE OF FLORIDA, DEPARTMENT OF AGRICULTURE.

ANY VARIATIONS FROM THE APPROVED LANDSCAPE PLAN MUST BE INITIALLY PROVIDED BY THE LANDSCAPE ARCHITECT PRIOR TO ANY PROPOSED REVISIONS TO THE LANDSCAPE PLANTING PLAN. FAILURE TO COMPLY WITH THIS PROCEDURE MAY RESULT IN REQUIRED MODIFICATION AND/OR DELAY OF THIS PROJECT.

ALL FILL DIRT TO BE PLACED IN THE PROPOSED LANDSCAPE AREAS AND/OR BERMS, MUST HAVE A pH RANGE BETWEEN 5.5 AND 7.5, BE ORGANIC IN NATURE, FREE OF ROCKS AND DEBRIS, AND MATCH NATIVE EXISTING SOILS.

CURVILINEAR LANDSCAPE BEDS ARE TO BE EDGED WITH SMOOTH FLOWING CURVES. STRAIGHT-LINE LANDSCAPE BEDS ARE TO BE EDGED IN A STRAIGHT LINE AND MUST BE PARALLEL TO PARKING LOTS, WALKWAYS, AND/OR STRUCTURES UNLESS INTENTIONALLY DESIGNED TO MEANIER.

BAMA ARGENTINE SOLID SOD IS TO BE USED IN ALL OPEN SODED IRRIGATED AREAS AS SHOWN ON THIS PLAN AND THE LANDSCAPE IRRIGATION PLAN. ALL OTHER OPEN SPACE AREAS, INCLUDING BUT NOT LIMITED TO ALL DISTURBED AREAS, REVISION AREAS, AREAS SUBJECT TO POSSIBLE EROSION, SLOPE OF WAYS (P.O.W.), ETC., SHALL ALSO BE SODED WITH BAMA ARGENTINE SOLID SOD OR SOLID BERMUDA SOD. ALSO, REFERENCE AND SEE CIVIL ENGINEERING DWGS FOR SODDING LIMITATIONS OF SOOD AT WET AND/OR DRY RETENTION AREAS, AND THE EDGE OF PAVEMENTS AND P.O.W.

THE IRRIGATION SYSTEM SHALL BE DESIGNED AND INSTALLED TO CONFORM TO CITY AND COUNTY CODE. THE IRRIGATION SYSTEM WILL BE A PERMANENT SYSTEM DESIGNED FOR THE PURPOSE OF ESTABLISHING THE PLANT MATERIAL.

ALL AUTOMATIC IRRIGATION SYSTEM, WITH A RAIN SENSOR, WILL BE INSTALLED TO IRRIGATE 100% OF THE SITE WITH A MINIMUM 50% OVERLAP AS SHOWN BY THE LANDSCAPE IRRIGATION DWGS. THE SYSTEM SHALL BE SPECIFIED AND INSTALLED TO COINCIDE WITH THE EXISTING SYSTEM ON SITE.

REMOVE ALL NON-Biodegradable NYLON TREE BALL STRAPPING AND REMOVE THE ENLAP FROM THE TOPS OF ALL ROOTBALLS THAT ARE BAR (RE)WRAPPED AND BALLED. CONTAINER TREES ARE NOT INSTALLED. ALSO, REMOVE THE TREE BALL HOISTING BASKET HOOKS.

ALL EXISTING HARDSCAPE SURFACES WHICH ARE SHOWN TO BE REMOVED, SHALL HAVE THEIR UNDERLAY AND/OR COMPACTED BASES REMOVED DOWN TO THE NATIVE SOIL BASE.

ALL IRRIGATION BACK-FLOW DEVICES WILL BE VISUALLY SCREENED WITH LANDSCAPING AND PAINTED BLACK AND/OR TILE GREEN. MODIFY ALL SPRINKLER PLANTINGS AND IRRIGATION HEAD PLACEMENT FOR EXISTING TREE AND PALM IN SITE DESIGN TO REMAIN.

A MINIMUM 1/2" (5) GRASS PING SHALL BE INSTALLED AROUND EACH PATCH BASIN LOCATED WITHIN ANY IRRIGATION AREA. THE CONTRACTOR IS TO BE SURE THAT NO MULCH CAN FLOW INTO THESE BASINS.

THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ANY PROPOSED TREES TO BE PRESERVED. SEE TRFP PROTECTION OF ALL VEHICLES OR MATERIALS SHALL BE PLACED UNDER OR AROUND THESE TREES TO REMAIN.

ALL EXISTING SHRUBS, GROUND COVERS AND TREES NOT SHOWN TO REMAIN ARE TO BE REMOVED ALONG WITH THEIR ROOT SYSTEM. ALL UNDERBUSH, STUUPS, AND DEAD BRANCHES ARE TO BE REMOVED ON ALL EXISTING REMAINING TREES AND PALMS. ALL WORK AROUND SPECIMEN TREES WILL BE LIMITED TO HAND LABOR AND TOOLS.

ALL INVASIVE EXISTING PLANTS, AS LISTED ON THE FLORIDA EXOTIC PEST PLANT CONTROL'S INVASIVE PLANT SPECIES LIST, SHALL BE REMOVED.

THE LOCATION OF ALL REQUIRED TREES MUST NOT CONFLICT WITH THE UTILITY PATERS, SIGNS, UNDERGROUND AND OVERHEAD UTILITIES, FIRE HYDRANTS, ETC.

ALL TREES NOT LOCATED WITHIN A MULCHED PLANTING BED SHALL HAVE A MINIMUM 2" (5) MULCH RING INSTALLED AROUND THE TRUNK AREA. TREES SHALL BE PLANTED A MINIMUM OF TWO FEET (5) FROM BACK OF CURB OR SIDEWALK (TYP).

SEE TRFP FOR PLAN FOR ALL EXISTING AND PROPOSED FASHIONS, COVENANTS, R.O.W., BUFFER DIMENSIONS, AND ALL SITE LAYOUT DIMENSIONING.

PROTECT MULCH SHALL BE A MINIMUM OF THREE INCHES (3") THICK AND A MINIMUM OF TWO INCHES (2") FROM ANY EXISTING TREE TRUNK, PIPE NUGGETS OR COMPRESS MULCH SHALL BE USED.



PROTECT TREE WITH 1/2" DIA. BLACK RUBBER HOSE ABOVE FIRST MAIN LIMBS

NOTE: CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION

REMOVE ALL NON-Biodegradable NYLON TREE BALL STRAPPING

REMOVE THE ENLAP FROM THE TOPS OF ALL ROOTBALLS THAT ARE BAR (RE)WRAPPED AND BALLED. CONTAINER TREES ARE NOT INSTALLED

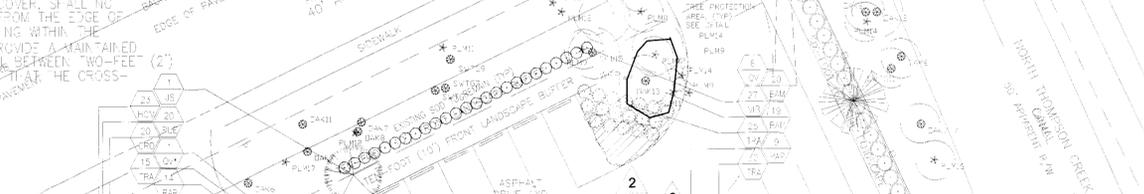
TREE PLANTING DETAIL

LANDSCAPING, EXCEPT GRASS AND GROUND COVER, SHALL NOT BE PLACED CLOSER THAN ONE FEET (1') FROM THE EDGE OF ANY ACCESSWAY PAVEMENT. ALL LANDSCAPING WITHIN THE TRIANGULAR TEN-FEET (10') AREA SHALL PROVIDE A MAINTAINED UNOBSTRUCTED CROSS-WALK. A MINIMUM OF TWO FEET (2') AND TEN FEET (10') AND ONE FEET (1') SHALL BE MAINTAINED VISIBILITY IS NOT COMPROMISED



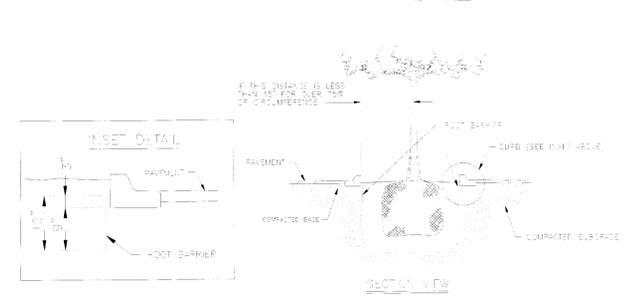
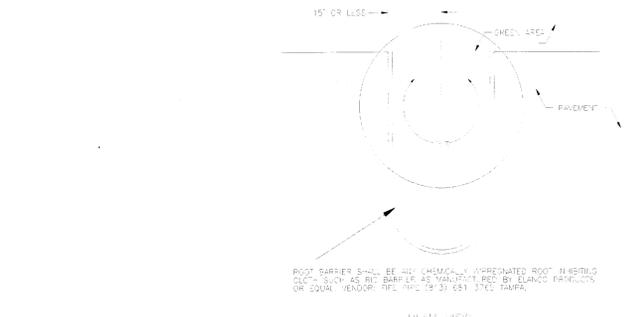
TYPICAL SHRUB PLANTING DETAIL

NOTE: CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION



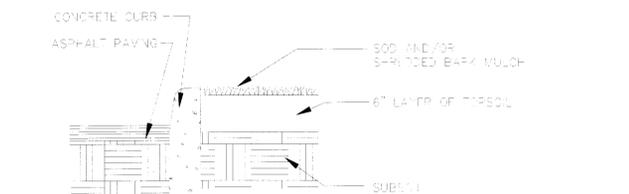
PLANTING NOTES

- LANDSCAPE CONTRACTOR IS TO LOCATE AND VERIFY ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING THE WORK. THE LANDSCAPE CONTRACTOR SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE TO ANY OF THESE UTILITIES.
- LANDSCAPE CONTRACTOR IS TO VERIFY THE EXISTING AND PROPOSED UTILITIES PRIOR TO BEGINNING THE WORK. THE LANDSCAPE CONTRACTOR SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE TO ANY OF THESE UTILITIES.
- THE PLANT MATERIALS SCHEDULE IS PROVIDED FOR THE CONVENIENCE OF THE LANDSCAPE CONTRACTOR. SHOULD THERE BE ANY DISCREPANCY, THE CONTRACTOR SHALL CONTACT THE ARCHITECT IMMEDIATELY.
- NO SUBSTITUTIONS WILL BE ALLOWED AT THE TIME OF SODDING OR PLANTING. ANY SUBSTITUTIONS MUST BE APPROVED BY THE ARCHITECT PRIOR TO BEGINNING THE WORK.
- 100% AUTOMATIC IRRIGATION SYSTEM IS TO BE INSTALLED ACCORDING TO THE IRRIGATION PLAN AND SPECIFICATIONS WITH A MINIMUM 50% OVERLAP. ALL IRRIGATION AND ELECTRICAL LINES ARE TO BE LOCATED AT THE PERIPHERY OF ALL PLANTING AREAS AND/OR PLANTING AREAS.
- ALL BUILDING MATERIALS AND LABOR ARE TO CONFORM TO THE FLORIDA BUILDING CODE AND ALL LOCAL CODES THAT MAY APPLY TO THIS PROJECT.
- ALL PERMIT AND VARIANCE APPLICATIONS ARE TO BE MADE BY THE CONTRACTOR.
- UP TO THE INSTALLATION OF THE IRRIGATION SYSTEM, A WATER TEST IS TO BE CONDUCTED TO DETERMINE THE WATER SOURCE TO BE RESPONSIBLE FOR THE IRRIGATION. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR THE RESULTING WATER PH. PROPERTIES AND TO MAKE PLANT SELECTIONS OR MODIFYING WATER SOURCE.
- UP TO THE CONSTRUCTION OF PLANTING BEDS, ALL AREAS ARE TO HAVE SOIL TESTS CONDUCTED TO DETERMINE PH AND FERTILITY. IT IS THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR TO AMEND THE SOIL TO MEET ADOPTED FERTILITY AND PH. FOR CORRESPONDING PLANT MATERIALS.
- UP TO THE SOIL AND CLEARING WORK, THE CONTRACTOR SHALL CLEAR TO A MINIMUM OF 10 FEET (3) FROM THE TRUNK OF ALL EXISTING TREES AND PALMS. THE CONTRACTOR SHALL OPERATE THE MACHINES IN A MANNER AS TO AVOID DAMAGE TO THE TRUNKS OF THESE TREES. A MINIMUM OF TWO FEET (2) SHALL BE MAINTAINED WITHIN THE TRIP LINE OF ALL TREE OR GROUPS OF TREES TO BE MAINTAINED. THE CONTRACTOR SHALL NOT CAUSE OR ALLOW THE CLEARING OF EQUIPMENT OR MATERIALS WITHIN THE TRIP LINE OF ANY TREE OR GROUPS OF TREES TO BE MAINTAINED. THE CONTRACTOR SHALL NOT CAUSE OR ALLOW THE REMOVAL OF ANY EXISTING TREES OR PALMS OR OTHER MATERIALS HARMFUL TO THE LIFE OF A TREE WITHIN THE TRIP LINE OF ANY TREE OR GROUPS OF TREES. NO ATTACHMENT WIRES (OTHER THAN PROTECTION OR WIRE), SIGNS, OR PERMITS MAY BE FASTENED TO ANY TREE.
- REMOVE ALL TAGS FROM INSTALLED PLANT MATERIALS.
- PLACE TERRA SORB UNDER THE ROOT BALL OF ALL PLANT MATERIALS.
- ALL TREES ARE TO BE SAVED WITH DOUBLE-T ANCHORING SYSTEMS OR AN APPROVED EQUAL.
- ALL TREE CALIPERS ARE TO BE MEASURED ACCORDING TO LOCAL CODES AND ORDINANCES.
- ALL DIMENSIONS CONCERNING THE PLAN AND/OR SPECIFICATIONS ARE TO BE DIRECTED TO THE LANDSCAPE ARCHITECT. (386-788-3728)
- ALL PLANT MATERIAL TO BE GUARANTEED FOR A PERIOD OF NOT LESS THAN ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE. ALL REPLACEMENTS TO BE MADE WITHIN TWO (2) WEEKS OF CONTRACTOR'S NOTIFICATION.



ROOT BARRIER INSTALLATION

NOTE: TURF AND/OR MULCH IS TO BE INSTALLED SO AS TO BE FLUSH WITH TOP OF ADJACENT CURB.



SOD/MULCH AT CURB

PROPOSED CANOPY AND UNDERSTORY TREES

KEY	QTY	BOTANICAL/COMMON NAMES	HT.	SPR.	REMARKS
IV	6	Ilex vomitoria pendula Weeping Holly	8'-10'	2	Min 2 1/2" Cal Shape/Full
JS	4	Juniperus silicicola Southern Red Cedar	10'-12'	2	Min 2 1/2" Cal Shape/Full
PH	2	Ilex x 'Conol' Patriot Holly	8'-10'	2	Min 2 1/2" Cal Shape/Full
QV	9	Quercus virginiana Live Oak	10'-12'	4	Min 2 1/2" Cal Shape/Full
QV*	1	Quercus virginiana Live Oak	14'-16'	6	Min 4 1/2" Cal 100 Gal Cont

PROPOSED SHRUBS AND GROUND COVERS

KEY	QTY	BOTANICAL/COMMON NAMES	HT.	SPR.	REMARKS
ARB	11	Schefflera arboricola 'Trinette' Variegated arboicola	18"	12"	3 Gal Cont 36" O.C.
BAM	20	Bambusa sp. Bamboo Hedge	30"	14"	3 Gal Cont 36" O.C.
ALT:		Podocarpus macrophyllum	20"	12"	3 Gal Cont
BUL	55	Bulbine frutescens Desert Candles	6"	6"	1 Gal Cont 18" O.C.
CRO	35	Codiaeum variegatum Variegated Croton	10"	8"	1 Gal Cont 24" O.C.
HOM	23	Homelia patens Firebush	18"	12"	3 Gal Cont 36" O.C.
MYR	5	Myrica cerifera Wax Myrtle Hedge	30"	14"	3 Gal Cont 36" O.C.
POD	10	Podocarpus macrophyllum Japanese Yew	20"	12"	3 Gal Cont 24" O.C.
RAP	42	Raphiolepis indica Indian Hawthorne	18"	12"	3 Gal Cont 36" O.C.
RUE	20	Ruelea brittonia/Compacta Pink/Purple Pink/Purple Compact Mix	6"	6"	1 Gal Cont 24" O.C.
TRA	70	Trachelospermum asiaticum 'Varigata' Variegated Small-leaf Trailing Jasmine	6"	6"	1 Gal Cont 36" O.C.
VIB	27	Viburnum obovatum Walter's Viburnum	30"	18"	3 Gal Cont 36" O.C.

ALL COLORS AND SPECIES OF PLANT MATERIALS BY OWNER OR OWNER'S REPRESENTATIVE.

09/28/16 REV SITE PER CITY COMMENTS J.S.

08/03/16 ADD ALT FOR BAM J.S.

REV DATE DESCRIPTION 51

REVISIONS

**CHILDREN'S WORKSHOP
FINAL SITE PLAN
LANDSCAPE PLANTING PLAN**

106 LINCOLN AVENUE (OFF) NC BEACH, FLORIDA

THE STERN DESIGN GROUP, P.A.
LANDSCAPE ARCHITECTS • LAND PLANNERS
1801 S. Orange Circle, Port Orange, Florida 32129
(386) 788-3758 Fax (386) 389-3890
Stern.Design.Group@sternpa.com

Digitally signed by Jan B Stern
DN: cn=Jan B Stern, o=THE STERN DESIGN GROUP, email=jan@sternpa.com, c=US
000006c, cn=Jan B Stern 1
Date: 2016.10.03 15:48:34 -0400

PROJECT NO: SAC016-06-30 DATE PREPARED: JULY 7, 2015 SHEET NUMBER
DESIGNED BY: J.S. DRAWN BY: J.S. CHECKED BY: J.S. LA-2
SCALE: 1"=20'-0" FILE LOCATION: OF 3

1000, or equal manufacturer, 500 LPP P-13 Spray Nozzles, at 30 psi, w/ pressure compensating nozzles, installed where shown. (Adjust for Site Compensation)

- 8" Radius Series - Quarter Head @ 0.35 G.P.M.
120 Head @ 0.35 G.P.M.
1/2 Head @ 0.50 G.P.M.
240 Head @ 0.75 G.P.M.
Three-quarter Head @ 0.75 G.P.M.
Full Head @ 1.00 G.P.M.
- 10" Radius Series - Quarter Head @ 0.50 G.P.M.
120 Head @ 0.50 G.P.M.
1/2 Head @ 0.75 G.P.M.
240 Head @ 1.25 G.P.M.
Three-quarter Head @ 1.25 G.P.M.
Full Head @ 1.50 G.P.M.
- 12" Radius Series - Quarter Head @ 0.50 G.P.M.
120 Head @ 0.75 G.P.M.
1/2 Head @ 1.25 G.P.M.
240 Head @ 1.75 G.P.M.
Three-quarter Head @ 1.75 G.P.M.
Full Head @ 2.50 G.P.M.
- 15" Radius Series - Quarter Head @ 1.00 G.P.M.
120 Head @ 1.25 G.P.M.
1/2 Head @ 1.50 G.P.M.
240 Head @ 2.25 G.P.M.
Three-quarter Head @ 3.00 G.P.M.
Full Head @ 4.00 G.P.M.
- Pro Style Series, 4" x 1/2" @ 0.50 G.P.M.
- Side Style Series, 2" x 1/2" @ 0.25 G.P.M.
- Star Style Series, 2" x 3/8" @ 1.00 G.P.M.
- Fog Rubber @ 0.50 G.P.M.

"Rainbird" or equal manufacturer, plastic solenoid valves, EP Series, sized as shown on Landscape Irrigation Plans, with flow control and bleed screw installed in a meter plastic valve box (green cover for potable water; purple cover for non-potable water), square 8"x12" top installed in ground. Keep all valves a minimum of four feet (4') from all walkways, driveways, etc. QTY-4

Shows connection point of solenoid valve lateral to project main-line

"Rainbird" or equal manufacturer, Electro-Mechanical Station Time Clock, wall mounted made appropriate building, or where shown on Landscape Irrigation Plans, as per Owner with 117V/24V, With LPP-1K primary and valve lightning surge protection respectively, controller master circuit connected to 110V. Master valve solenoid. QTY- Add Zones to Existing

"Rainbird" or equal manufacturer, PVB Series Dual Check Valve and Backflow Preventer, sized as required, mounted above ground as per local City and/or County Codes. QTY- Existing

"Rainbird" or equal manufacturer, RAIN-CHECK (Rain Shut-Off Device) installed as per manufacturer's instructions and located as per Owner. QTY- Existing

Pipe Connected

Pipe NOT Connected

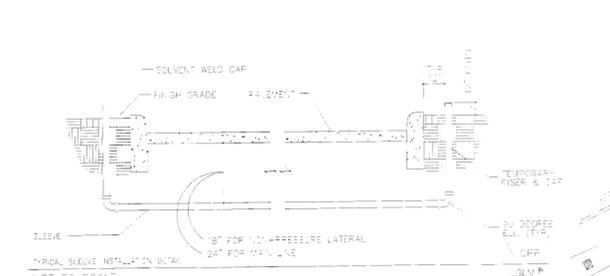
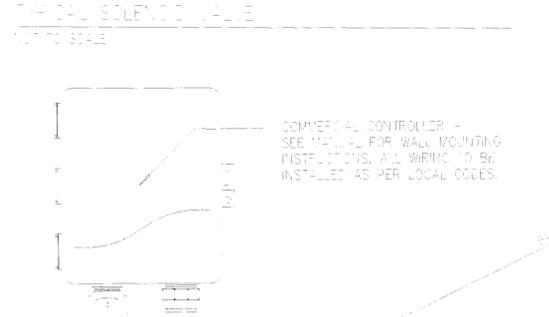
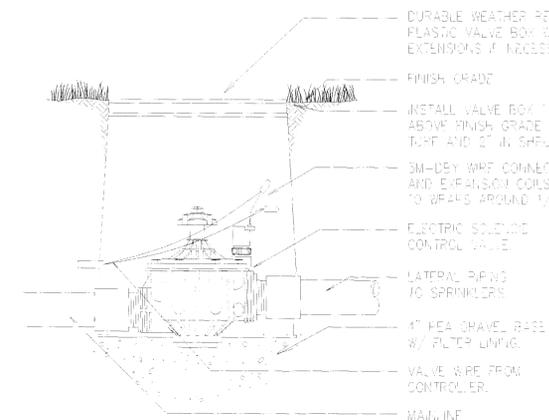
Pipe in Sleeve

Sleeve Only

KEEP ALL MAIN AND LATERAL LINES OUT OF EXISTING TREE DRIP-LINES. HAND EXCAVATE WHEREVER NECESSARY.

ALL ROOT ENCOUNTERED WITHIN THE DRIP-LINE OR TREES TO REMAIN SHALL BE TUNNELED UNDER ROOTS.

There is an Existing Irrigation System. Contractor to maintain existing needs and zones and modify existing with proposed zones and needs.



KEEP ALL MAIN AND LATERAL LINES OUT OF EXISTING TREE DRIP-LINES. HAND EXCAVATE WHEREVER NECESSARY. THE IRRIGATION PIPES AND SLEEVES SHALL BE TUNNELED UNDER ROOTS WHERE THEY MAY IMPACT TREE ROOTBALLS AND/OR DRIP LINES OF EXISTING TREES. EXTREME CARE SHOULD BE TAKEN TO NOT CUT THROUGH ROOTS OF EXISTING TREES.

TYPICAL SOLENOID VALVE
NOT TO SCALE

TYPICAL WALL MOUNT CONTROLLER
NOT TO SCALE

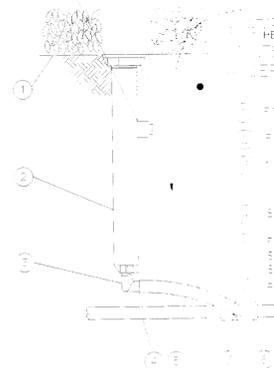
TYPICAL SLEEVE INSTALLATION DETAIL
NOT TO SCALE

- OPERATION NOTES**
- ALL PIPING TO BE INSTALLED TO BE CLASS 150-100 ROLL RIGID.
 - ALL SLEEVES AND MAIN LINE TO BE SCHEDULE 40 RIGID PIPE.
 - THE ENTIRE SYSTEM TO BE INSTALLED IN COMPLIANCE WITH ALL LOCAL CODES. CONTRACTOR TO SUPPLY AND INSTALL ALL CHECK VALVES, BACKFLOW PREVENTERS, ETC. AS REQUIRED BY THESE CODES. ONLY THOSE TYPES ARE TO BE SHOWN ON DRAWINGS.
 - ALL SLEEVES WITH ASPHALT PAVEMENT TO BE BURIED AT SOLO PAVEMENT BARRIERS. ALL SLEEVES WITH CONCRETE TO BE BURIED AT LEAST 6" BELOW SURFACE.
 - THE LINE VOLTAGE IS 117V/24V. CONTRACTOR TO VERIFY ALL ELECTRICAL SCHEDULES ARE TO BE SCHEDULE 40 RIGID PIPE.
 - ALL LINE VOLTAGE WIRING TO BE #14 DIRECT BURIAL WIRE.
 - WHERE IS AN EXISTING IRRIGATION SYSTEM, CONTRACTOR TO VERIFY ALL EXISTING IRRIGATION SYSTEMS ARE TO BE MAINTAINED AND CONNECT THE NEW ZONES AND HEADS TO THE EXISTING SYSTEM.
 - ALL WORK TO BE DONE TO GOOD AGRICULTURAL PRACTICES AND IN ACCORDANCE WITH THE LOCAL FERTILIZER RECOMMENDATIONS.
 - ALL LINE LOCATIONS ARE APPROXIMATE. CONTRACTOR TO ADJUST LOCATIONS IN FIELD FOR EXISTING UTILITIES, PLUMBING AND STRUCTURES.
 - HEAD LOCATIONS ARE APPROXIMATE. CONTRACTOR TO VERIFY HEAD LOCATIONS WITH APPROVING AGENCIES. CONTRACTOR SHALL VERIFY HEAD LOCATIONS ARE NECESSARY DUE TO FIELD CONDITIONS.
 - ALL ELECTRICAL WORK, INCLUDING WIRING IS NOT PART OF THE IRRIGATION CONTRACT.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND EXISTENCE OF ALL UTILITIES IN THE FIELD. CONTRACTOR SHALL VERIFY UTILITIES IN THE FIELD AND PROVIDE PROTECTION FOR EXISTING UTILITIES AND WAREHOUSES AND ANY DAMAGE TO EXISTING UTILITIES OR STRUCTURES.
 - THERE SHALL BE A ONE (1) YEAR WARRANTY ON ALL PARTS AND A NINE (9) DAY GUARANTEE ON LABOR FROM THE DATE OF FINAL ACCEPTANCE.
 - AT THE END OF 30 DAYS FROM THE DATE OF ACCEPTANCE, THE CONTRACTOR SHALL CHECK AND ADJUST (IF NECESSARY) THE ENTIRE SYSTEM.
 - CONTRACTOR SHALL MARK STATIONS ON THE CONTROLLER PANEL TO CORRESPOND TO THE NUMBERS IN THE SCHEDULED IRRIGATION SEQUENCE TO CORRESPOND TO THE NUMBERS.
 - ALL SLEEVES UNDER ASPHALT OR CONCRETE TO BE INSTALLED PRIOR TO FINISH INSTALLATIONS.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PUMP(S) AND RELIEF(S) SIZES.
 - IRRIGATION CONTRACTOR TO VERIFY ALL DRAWINGS AND CHECK FOR DISCREPANCIES AND BRING TO THE ATTENTION OF THE LANDSCAPE ARCHITECT PRIOR TO COMMENCING WITH THE WORK.
 - IRRIGATION CONTRACTOR IS RESPONSIBLE FOR A FINAL FINISHED WORKING IRRIGATION SYSTEM.

IRRIGATION SCHEDULE - CLOCK #

PROJECT ZONE	ORIG. IRRIGATION	WATER USE	WATER USE
1	1	1	1
2	2	2	2
3	3	3	3
4	4	4	4
5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	9
10	10	10	10
11	11	11	11
12	12	12	12
13	13	13	13
14	14	14	14
15	15	15	15
16	16	16	16
17	17	17	17
18	18	18	18
19	19	19	19
20	20	20	20
21	21	21	21
22	22	22	22
23	23	23	23
24	24	24	24
25	25	25	25
26	26	26	26
27	27	27	27
28	28	28	28
29	29	29	29
30	30	30	30

IRRIGATION RUN TIMES SHALL VARY MONTH TO MONTH TO ACCOMMODATE TEMPERATURE AND HUMIDITY. CHECK HEADS FOR BREAKS IN FIELD, CLOGGED HEADS, AND DRY/DEAD PLANTS.



POP-UP SPRAY SPRINKLER DETAIL - FLEX/SWING PIPE
NOT TO SCALE



LEGEND

- WATER SOURCE
- FILTER
- WATER SOURCE
- PUMP START
- MAIN LINE

Water Source: 1/2" Male NPT x 490 NIP Barbs To Produce 1/2" Water Leeman MJ-2"

Filter: 1/2" Male NPT x 490 NIP Barbs To Produce 1/2" Water Leeman MJ-2"

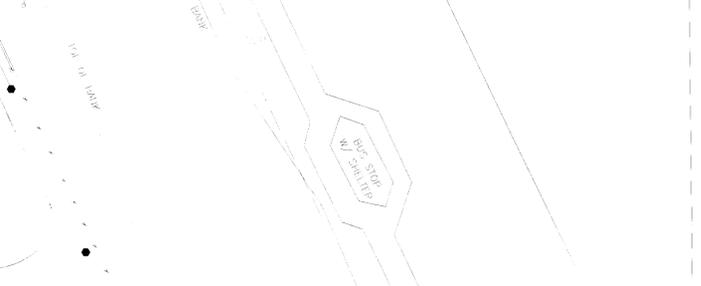
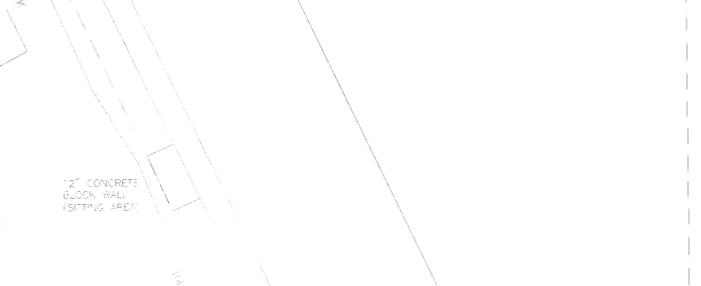
Water Source: 1/2" Male NPT x 490 NIP Barbs To Produce 1/2" Water Leeman MJ-2"

Pump Start: 1/2" Male NPT x 490 NIP Barbs To Produce 1/2" Water Leeman MJ-2"

Main Line: 1/2" Male NPT x 490 NIP Barbs To Produce 1/2" Water Leeman MJ-2"

City of Ormond Beach
FINAL APPROVAL
Site Plan Review Committee

1. 1/2" VOLUME AREA IS ANY ZONE WITH SPRAY HEADS OR ROTARY HEADS OR ROTARY HEADS. THE RUN TIME ON THESE AREAS SHALL BE SET TO APPLY 0.5" OF WATER PER WEEK. ALL SPRAY AREAS SHALL BE CONSIDERED HIGH VOLUME IRRIGATION.
 2. 1/2" VOLUME AREA IS ANY ZONE WITH SPRAY HEADS. THE RUN TIME ON THESE AREAS SHALL BE SET TO APPLY 0.5" OF WATER PER WEEK. ALL SPRAY AREAS SHALL BE CONSIDERED LOW VOLUME IRRIGATION.
 3. ALL HEADS SHALL HAVE CHECK VALVES AND BE PRESSURE COMPENSATING.
 4. MAINTENANCE CHECKLIST SHALL BE PROVIDED TO THE OWNER BY THE IRRIGATION CONTRACTOR. IT SHALL HAVE A MAINTENANCE SCHEDULE, PROPER IRRIGATION SETTINGS ACCORDING TO SEASON, RECOMMENDATIONS FOR CHECKING THE MAIN SPRINKER DRIVIC, FILTER CLEANING RECOMMENDATIONS AND INFORMATION ON CURRENT WATER RESTRICTIONS.
- THE IRRIGATION CONTRACTOR SHALL SUBMIT A COMPLETED AND ENCLOSED CHECKLIST ON A FORM PROVIDED BY THE PERMITTING AUTHORITY. IT SHALL BE ACCOMPANIED BY AN AS-BUILT SECTION OF THE IRRIGATION SYSTEM. THIS SHALL BE SUPPLIED WITHIN 30 DAYS OF THE COMPLETION OF THE IRRIGATION SYSTEM OR WITH THE REQUEST FOR FINAL INSPECTION.



REV.	DATE	DESCRIPTION	REV. SITE PER CITY COMMENTS	CS.
1	10/30/2015			
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**CHILDREN'S WORKSHOP
FINAL SITE PLAN
LANDSCAPE IRRIGATION PLAN**

806 LINDSEY BLVD. ORMOND BEACH, FLORIDA

THE STERN DESIGN GROUP, P.A.
LANDSCAPE ARCHITECTS • LAND PLANNERS
3600 Suncoast Blvd., Palm Beach Gardens, Florida 33418
TEL: 561-378-3788 FAX: 561-378-3880
Email: Design.Group@stern.com

Digitally signed by Jan R Stern
DN: c=US, o=Stem Design Group, ou=0142700001500011116,
ou=000016C, email=Jan R Stern,
c=US, o=Stem Design Group

DATE PREPARED: JULY 7, 2015
DESIGNED BY: J.S. CHECKED BY: J.S.
SCALE: 1"=20'-0" FILE LOCATION:

LA-3
OF 3

REVISIONS
 August 27, 2015
 Sept. 29, 2015

City of Ormond Beach
FINAL APPROVAL
 Site Plan Review Committee

Richard Brookfield Architect, P.A.
 Fla. Reg. # AR 0014568
 Brookfieldarchitect.com
 P.O. Box 4195 Ormond Beach, FL USA 32175
 Ph: (386) 334-3564

[Handwritten Signature]
 9/29/15

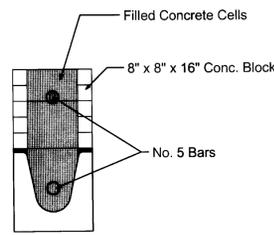
Children's Workshop Classroom Addition
 506 Lincoln Avenue
 Ormond Beach, Florida

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DATE
 July 10, 2015
 COMM. NO.
 3050671892
 DRAWN BY
 R.B.

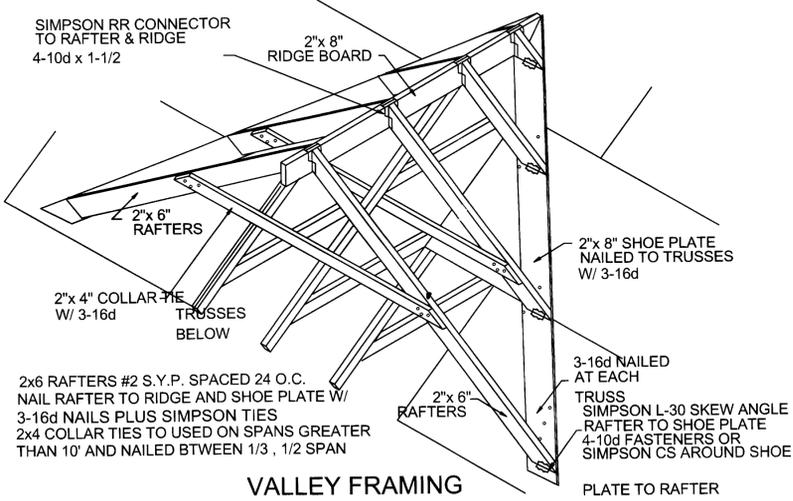
SHEET TITLE
 New Site Plan

SHEET
A-4
 OF
 SHEET 4 OF 20



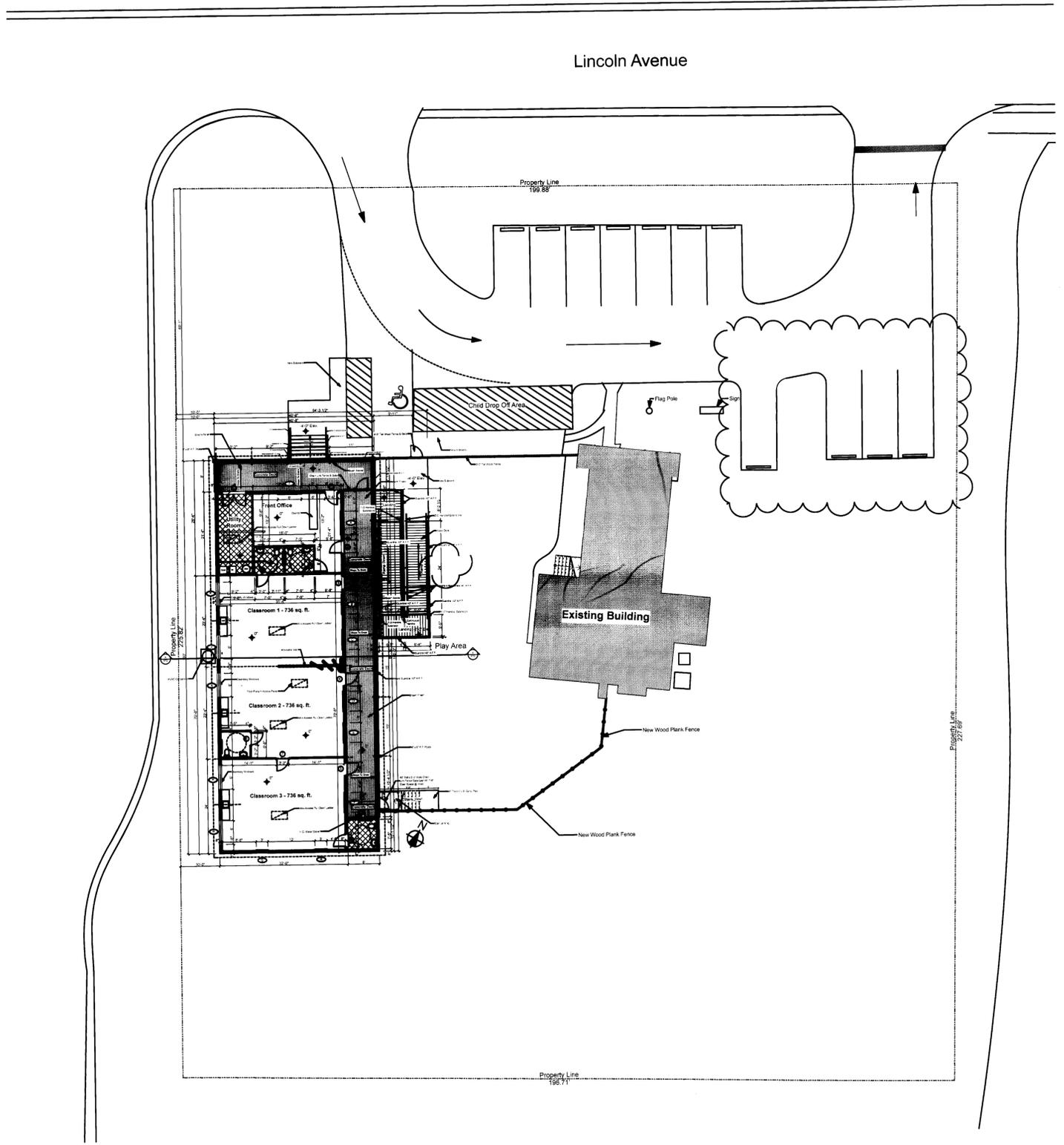
Typical Bond Beam Section

NOTE: ROOF VIEW IS ISOLATED FROM WALL FOR CLARITY



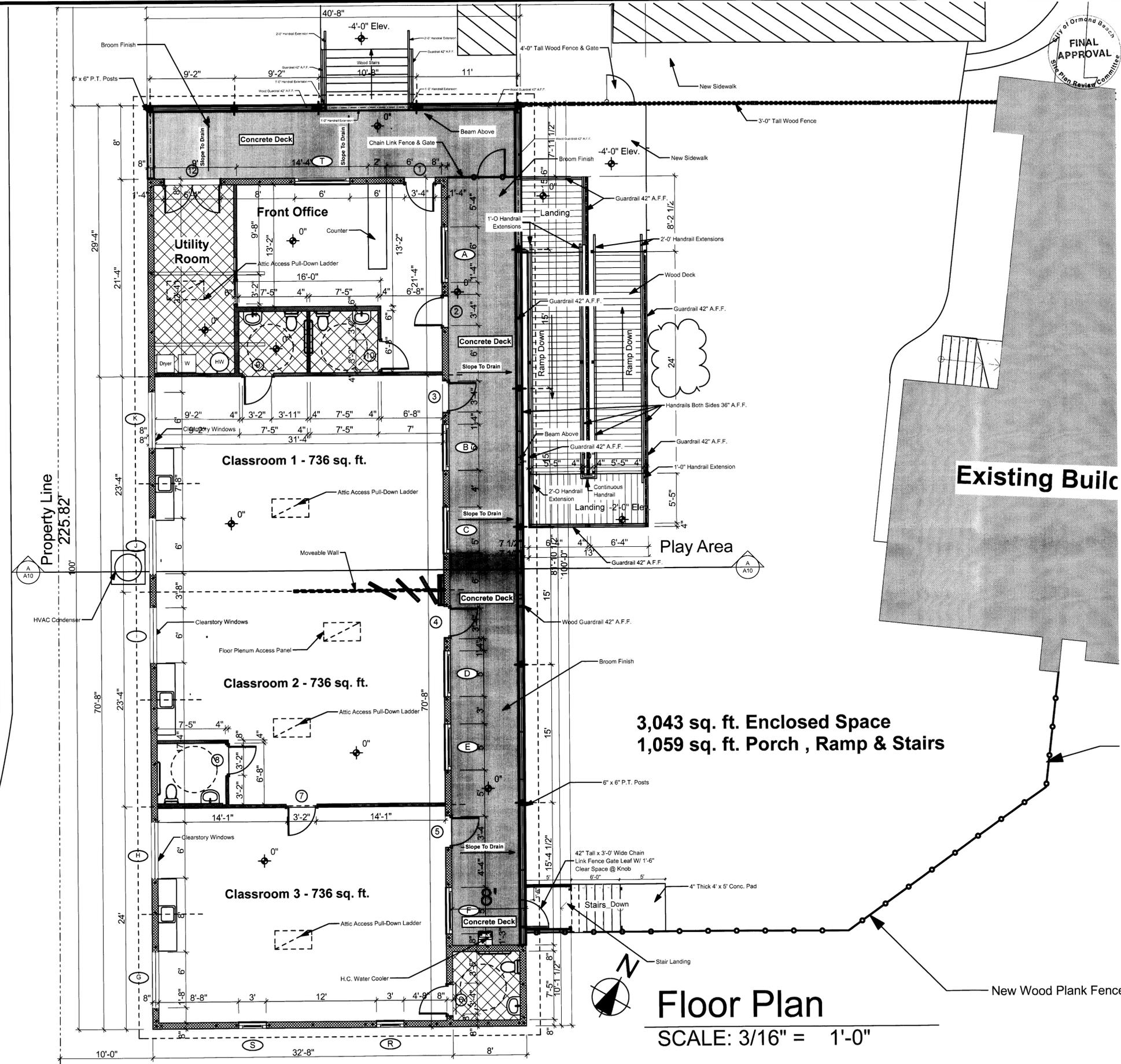
VALLEY FRAMING DETAIL

SCALE: 1/2" = 1'-0"



New Site Plan

SCALE: 1/16" = 1'-0"



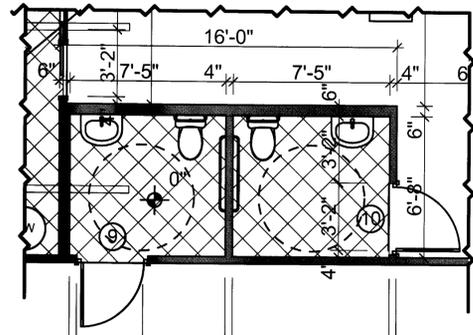
3,043 sq. ft. Enclosed Space
1,059 sq. ft. Porch, Ramp & Stairs

Floor Plan
 SCALE: 3/16" = 1'-0"

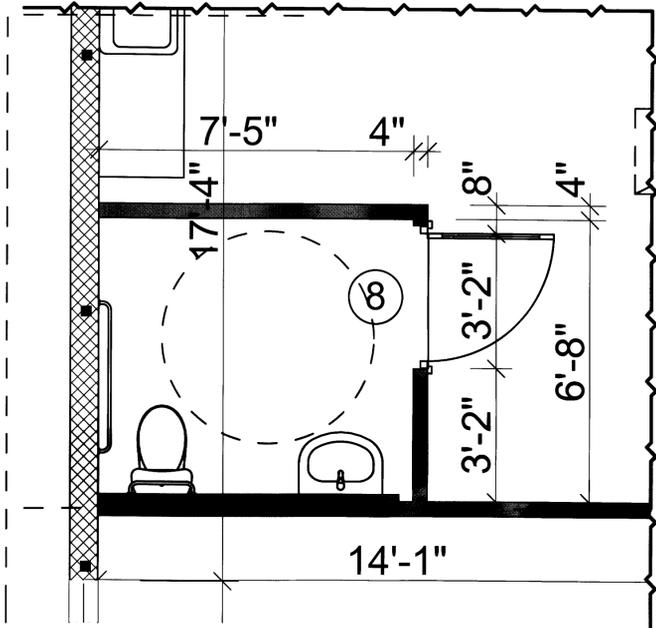
Existing Build



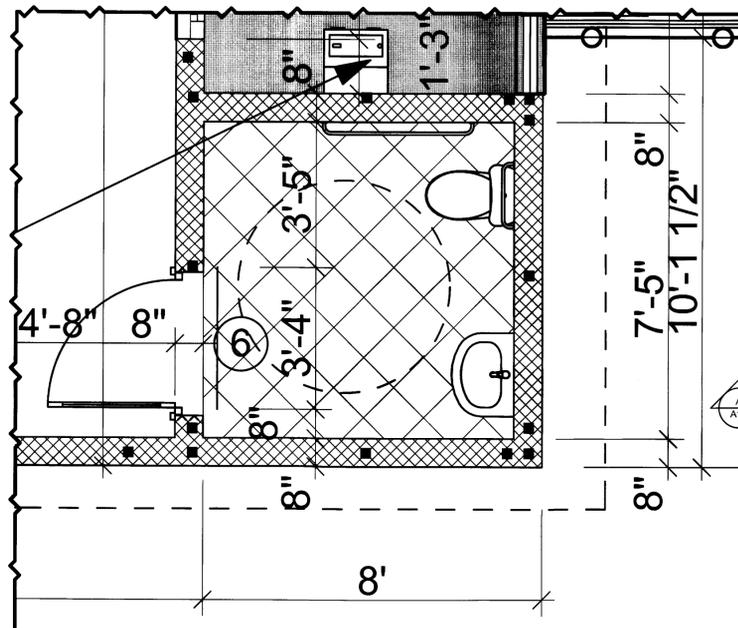
REVISIONS August 27, 2015 Sept. 29, 2015
Richard Brookfield Architect, P.A. Fla. Reg. # AR 0014568 Brookfieldarchitect.com P.O. Box 4195 Ormond Beach, FL USA 32175 Ph: (386) 334-3564
Children's Workshop Classroom Addition 506 Lincoln Avenue Ormond Beach, Florida
THIS DRAWING AND ITS REPRODUCTIONS ARE THE PROPERTY OF THE ARCHITECT AND MAY NOT BE REPRODUCED, PUBLISHED OR USED IN ANYWAY WITHOUT THE WRITTEN PERMISSION OF THE ARCHITECT.
DATE: July 10, 2015 COMM. NO.: 3050671892 DRAWN BY: R.B. SHEET TITLE: Floor Plan
SHEET: A-5 OF: 20 SHEET 5 OF 20



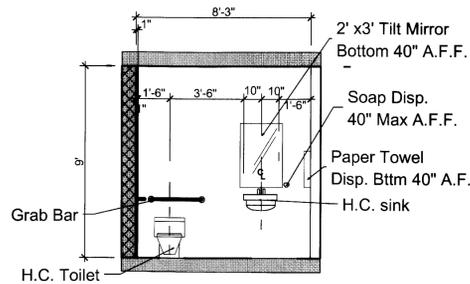
Enlarged Bathroom Plans 1
SCALE: 1/4" = 1'-0"



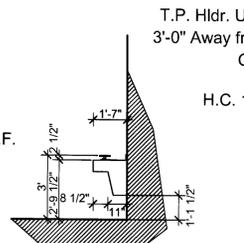
Enlarged Bathroom Plan 2
SCALE: 1/2" = 1'-0"



Enlarged Bathroom Plan 3
SCALE: 1/2" = 1'-0"

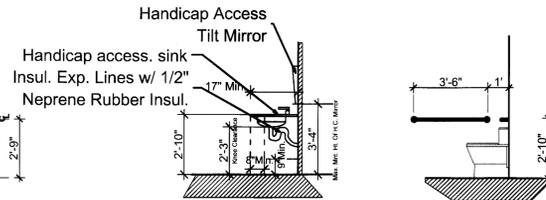


Typical Elevation Toilet



Typ. H.C. Water Fountain

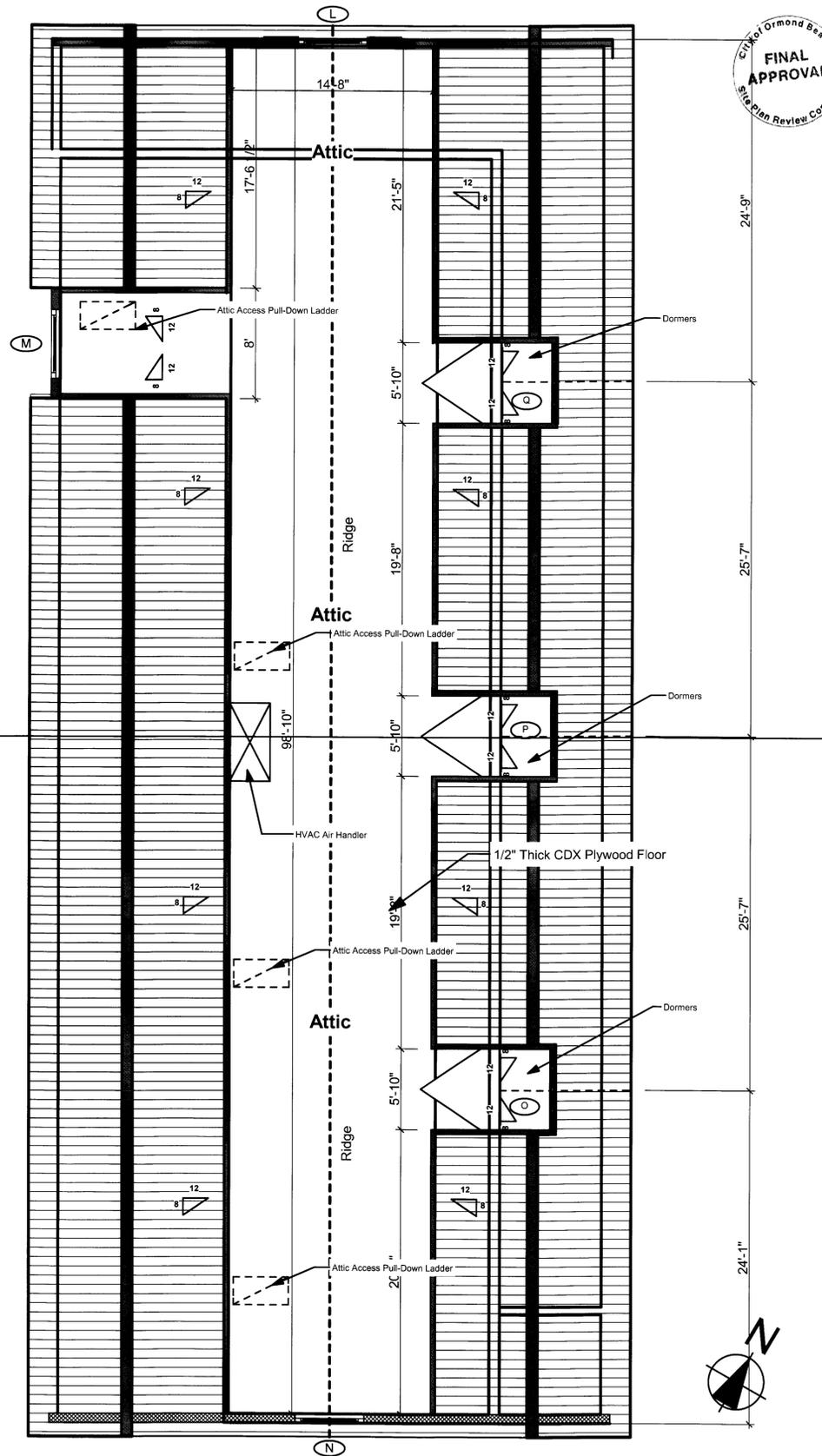
Scale 1/4" = 1'-0"



Typical /Bathroom Elevations

Note: Toilet Rooms Shall have at least one lavatory which when mounted allows 27" clearance from the floor to the bottom of the apron and a 34" rim height. Maximum water temperatures to handicapped plumbing fixtures shall not exceed 120 degrees F or exposed hot water lines & drains shall be fully insulated. Alternate method of protection: Enclose plumbing exposed beneath a sink in a protective housing. Care should be taken to provide adequate clearance for wheelchairs. Supply and drain lines must be insulated to prevent burning persons with no sensation in their legs, who are using a wheelchair at the sink.

Note: These H.C. Bathroom Specifications are for the office/ adult bathroom only. The bathrooms in the classrooms will be the same but everything lower for the children. The contractor will coordinate the change with the owner. Provide Toilet seats 10" A.F.F. & sinks 20" A.F.F. The handrails will be 24" A.F.F.



Attic Plan
SCALE: 3/16" = 1'-0"



REVISIONS
August 27, 2015
Sept. 29, 2015

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Fla. Reg. # AR 0014568
Brookfieldarchitect.com
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Ph: (386) 334-3564

[Handwritten signature]
7/29/15

Children's Workshop Classroom Addition
506 Lincoln Avenue
Ormond Beach, Florida

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SHEET TITLE:

Attic Plan

SHEET
A-6
OF
SHEET 6 OF 20

REVISIONS
 August 27, 2015
 Sept. 29, 2015



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 9/29/16

Children's Workshop Classroom Addition
 506 Lincoln Avenue
 Ormond Beach, Florida

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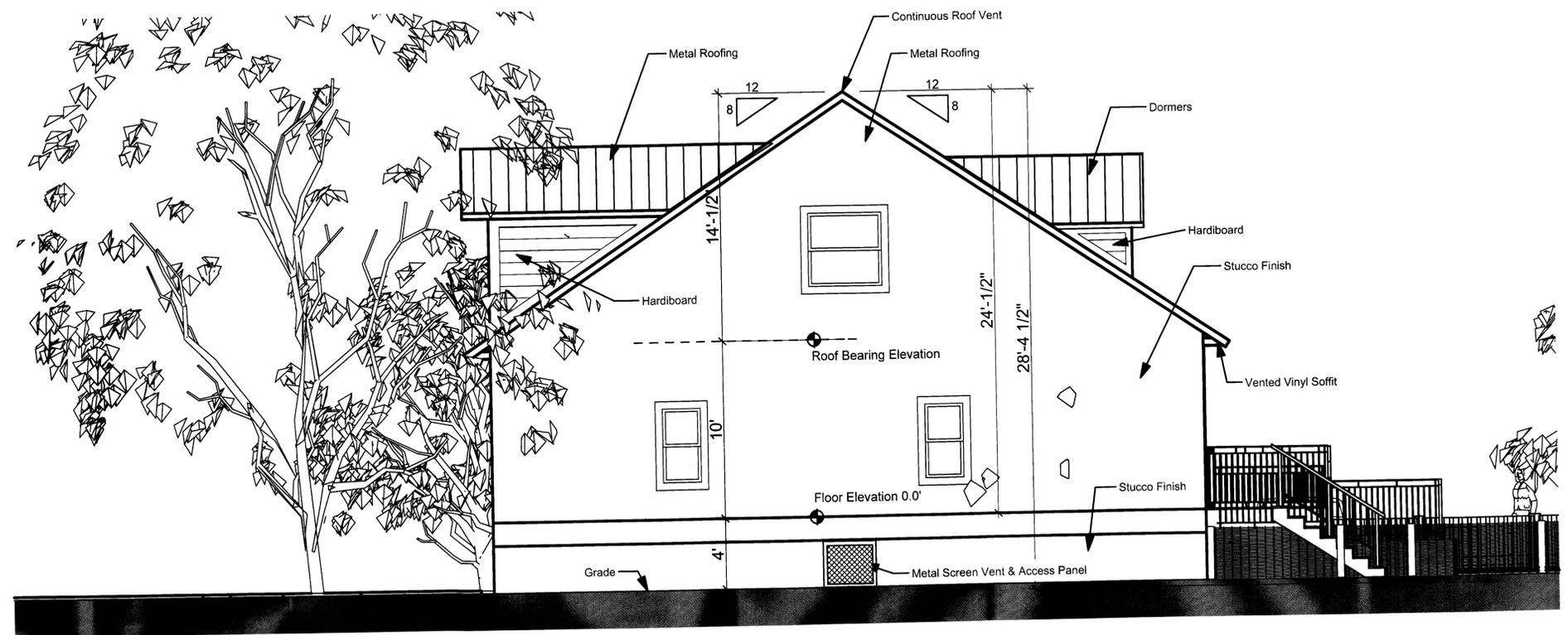
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SHEET TITLE

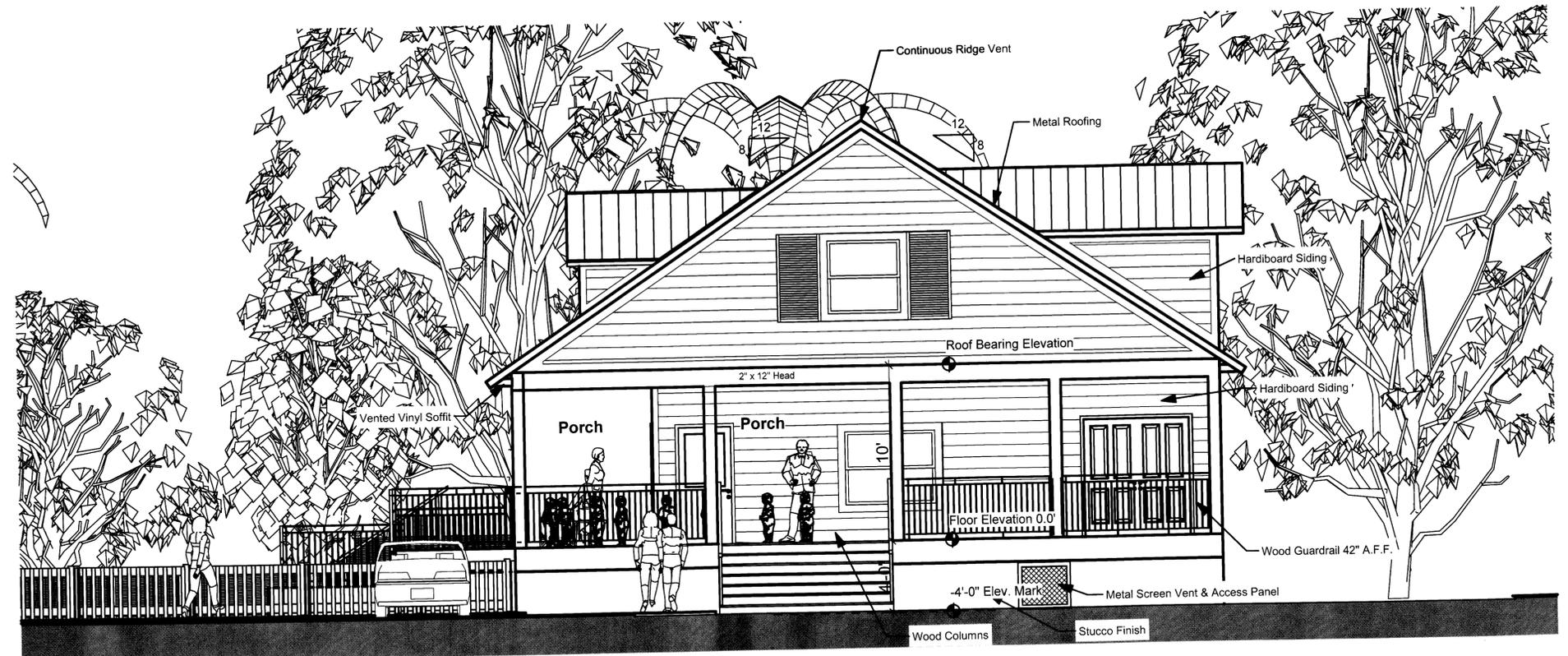
North Elevation

SHEET

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 OF
 SHEET 7 OF 20



South Elevation
 SCALE: 1/4" = 1'-0"



North Elevation
 SCALE: 1/4" = 1'-0"

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 7/29/15

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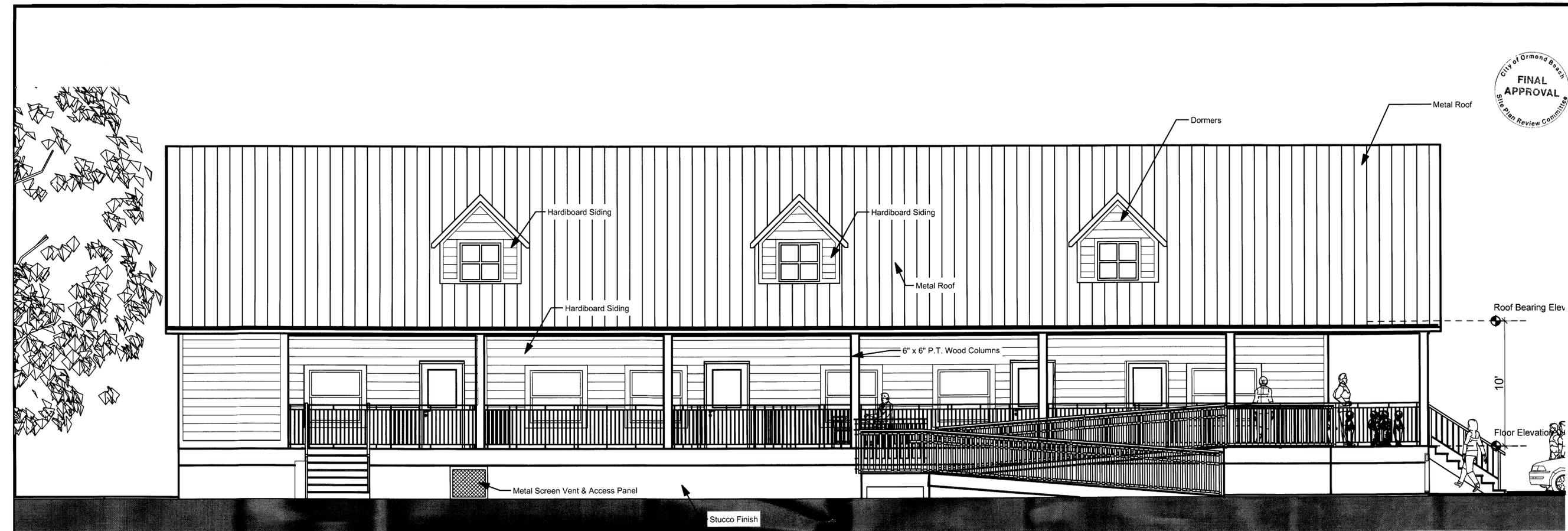
SHEET TITLE

East Elevation

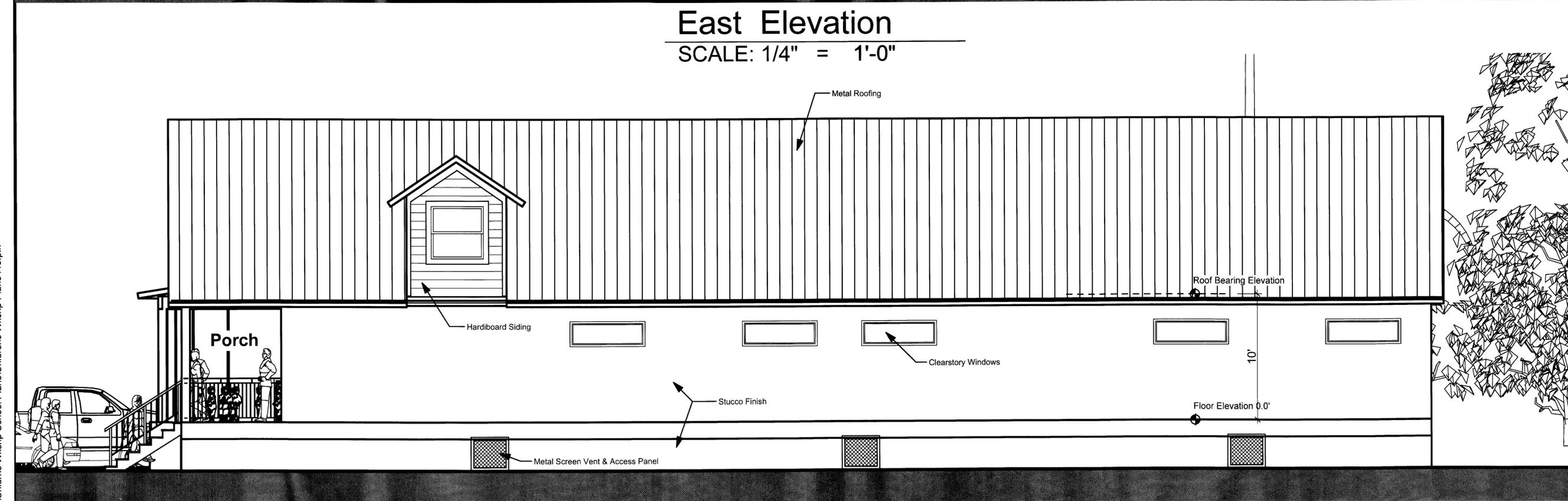
SHEET

A-8
 OF

SHEET 8 OF 20



East Elevation
 SCALE: 1/4" = 1'-0"



West Elevation
 SCALE: 1/4" = 1'-0"

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