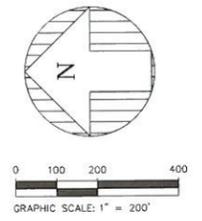
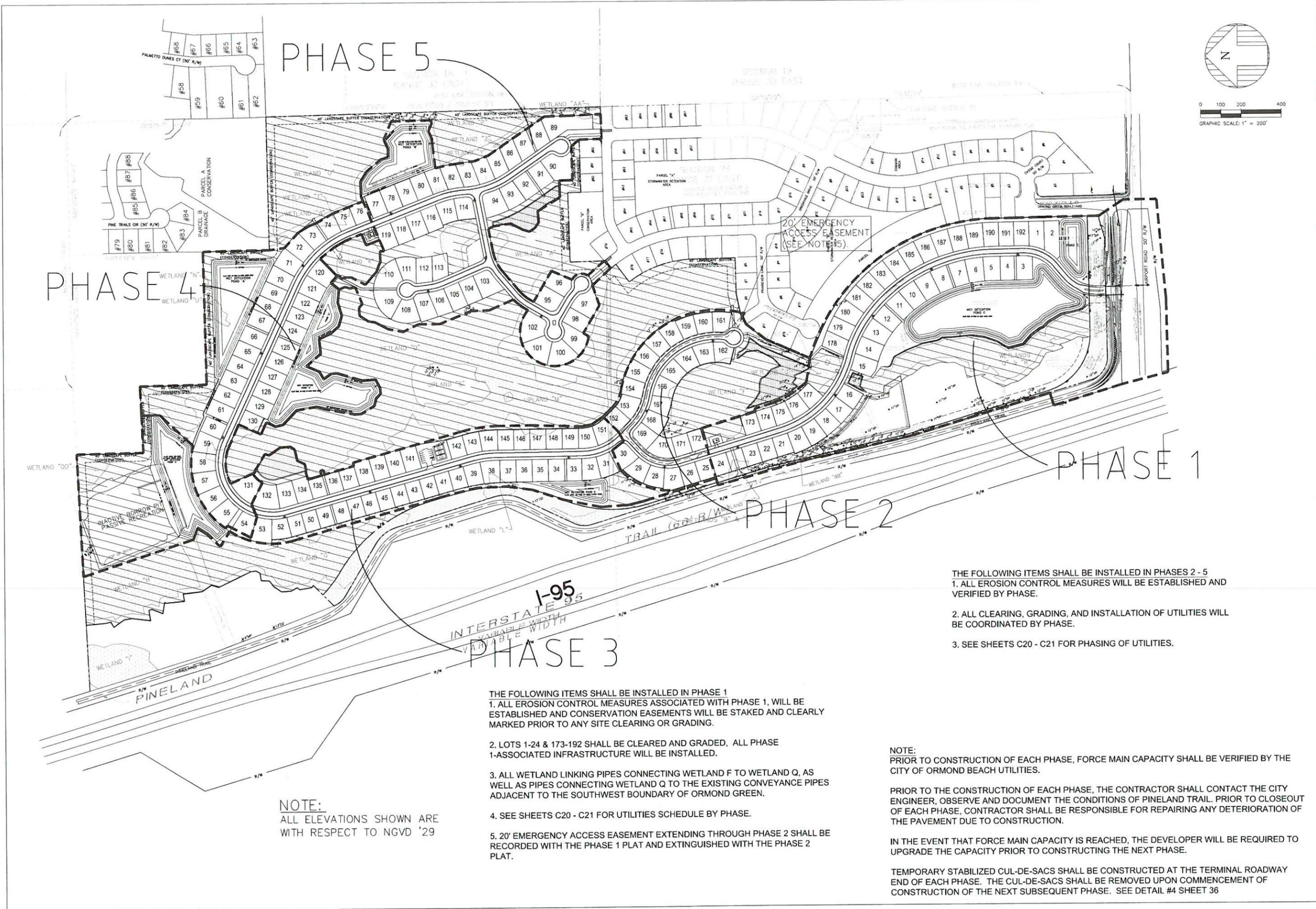


# ATTACHMENT 4

Construction site plans



Z:\Data\Projects\ZEP\PROJECTS\2015\1505\Pineland\dwg\Revised per city comments 2-24-16\1505-DIM.dwg, 5/3/2016 11:31:26 AM, DWG To PDF.pc3



**NOTE:**  
ALL ELEVATIONS SHOWN ARE WITH RESPECT TO NGVD '29

- THE FOLLOWING ITEMS SHALL BE INSTALLED IN PHASE 1**
1. ALL EROSION CONTROL MEASURES ASSOCIATED WITH PHASE 1, WILL BE ESTABLISHED AND CONSERVATION EASEMENTS WILL BE STAKED AND CLEARLY MARKED PRIOR TO ANY SITE CLEARING OR GRADING.
  2. LOTS 1-24 & 173-192 SHALL BE CLEARED AND GRADED, ALL PHASE 1-ASSOCIATED INFRASTRUCTURE WILL BE INSTALLED.
  3. ALL WETLAND LINKING PIPES CONNECTING WETLAND F TO WETLAND Q, AS WELL AS PIPES CONNECTING WETLAND Q TO THE EXISTING CONVEYANCE PIPES ADJACENT TO THE SOUTHWEST BOUNDARY OF ORMOND GREEN.
  4. SEE SHEETS C20 - C21 FOR UTILITIES SCHEDULE BY PHASE.
  5. 20' EMERGENCY ACCESS EASEMENT EXTENDING THROUGH PHASE 2 SHALL BE RECORDED WITH THE PHASE 1 PLAT AND EXTINGUISHED WITH THE PHASE 2 PLAT.

- THE FOLLOWING ITEMS SHALL BE INSTALLED IN PHASES 2 - 5**
1. ALL EROSION CONTROL MEASURES WILL BE ESTABLISHED AND VERIFIED BY PHASE.
  2. ALL CLEARING, GRADING, AND INSTALLATION OF UTILITIES WILL BE COORDINATED BY PHASE.
  3. SEE SHEETS C20 - C21 FOR PHASING OF UTILITIES.

**NOTE:**  
PRIOR TO CONSTRUCTION OF EACH PHASE, FORCE MAIN CAPACITY SHALL BE VERIFIED BY THE CITY OF ORMOND BEACH UTILITIES.

PRIOR TO THE CONSTRUCTION OF EACH PHASE, THE CONTRACTOR SHALL CONTACT THE CITY ENGINEER, OBSERVE AND DOCUMENT THE CONDITIONS OF PINELAND TRAIL. PRIOR TO CLOSEOUT OF EACH PHASE, CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DETERIORATION OF THE PAVEMENT DUE TO CONSTRUCTION.

IN THE EVENT THAT FORCE MAIN CAPACITY IS REACHED, THE DEVELOPER WILL BE REQUIRED TO UPGRADE THE CAPACITY PRIOR TO CONSTRUCTING THE NEXT PHASE.

TEMPORARY STABILIZED CUL-DE-SACS SHALL BE CONSTRUCTED AT THE TERMINAL ROADWAY END OF EACH PHASE. THE CUL-DE-SACS SHALL BE REMOVED UPON COMMENCEMENT OF CONSTRUCTION OF THE NEXT SUBSEQUENT PHASE. SEE DETAIL #4 SHEET 36

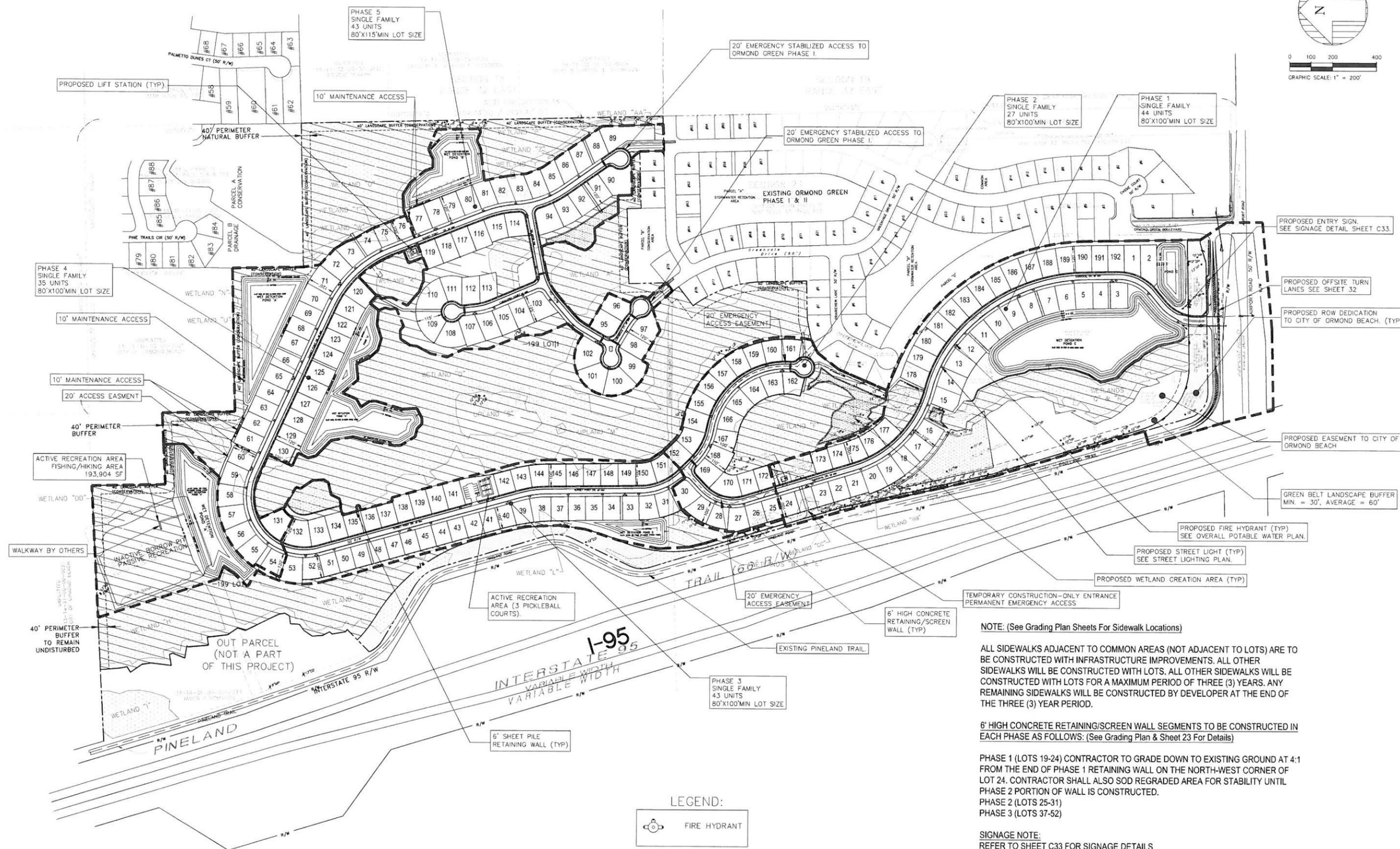
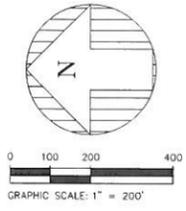
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2	02-29-16	PAZ	REVISED PER THE CITY OF ORMOND BEACH SPEC COMMENTS DATED 2-24-16
NO.	DATE	APPR	REVISION

**ZAHN ENGINEERING, INC.**  
244 SOUTH PALMETTO AVENUE DAYTONA BEACH, FLORIDA 32114  
FAX: (386) 252-6050 PHONE: (386) 252-0020 ZAHNENG.COM

DESIGNED: MMM	DATE: 03/10/15
DRAWN: RJM/KMP	PLOTTED: 05/03/16
CHECKED: PAZ	SCALE: 1" = 200'

**PINELAND SUBDIVISION**  
ORMOND BEACH FL  
**PHASING PLAN**

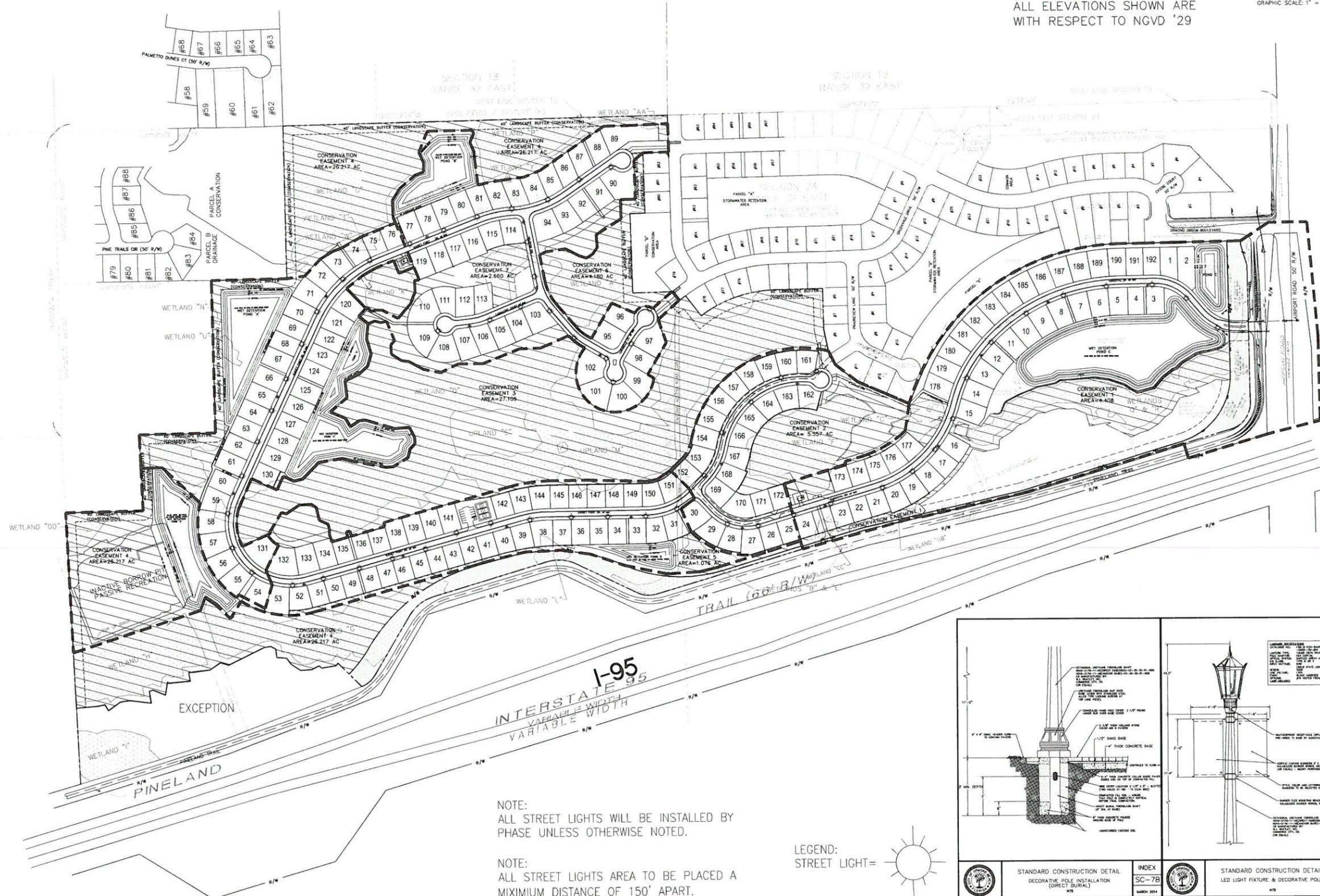
1505-DIM.dwg
PROJECT NO. <b>1505</b>
NOT VALID WITHOUT EMBOSSED SEAL EB-0005290



1. 01-22-16 PAZ REVISED PER THE CITY OF ORMOND BEACH SPEC COMMENTS DATED 4-28-16		DATE	DESIGNED: MWM
2. 03-29-16 PAZ REVISED PER THE CITY OF ORMOND BEACH SPEC COMMENTS DATED 2-24-16		PLOTTED: 05/03/16	DRAWN: BLM/AMP
NO.	DATE	CHECKED: PAZ	SCALE: 1" = 200'
REVISION			
<b>ZAHN ENGINEERING, INC.</b>			
244 SOUTH PALMETTO AVENUE DAYTONA BEACH, FLORIDA 32114			
PHONE: (386) 252-0020 FAX: (386) 252-6050 ZAHNENG.COM			
PINELAND SUBDIVISION		OVERALL DEVELOPMENT PLAN	
ORMOND BEACH FL			
PROJECT NO.		1505	
NOT VALID WITHOUT EMBOSSED SEAL		EB-0005290	
SHT. C3 OF 45			

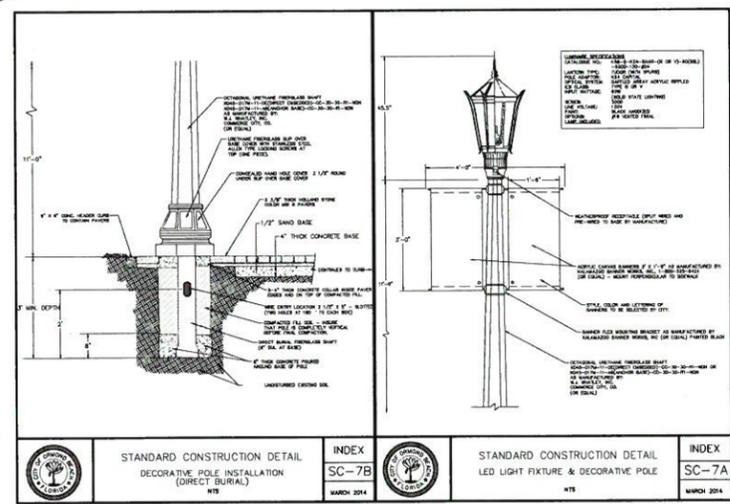
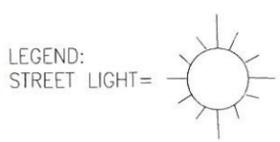
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NOTE:  
ALL STREET LIGHTS WILL BE INSTALLED BY PHASE UNLESS OTHERWISE NOTED.

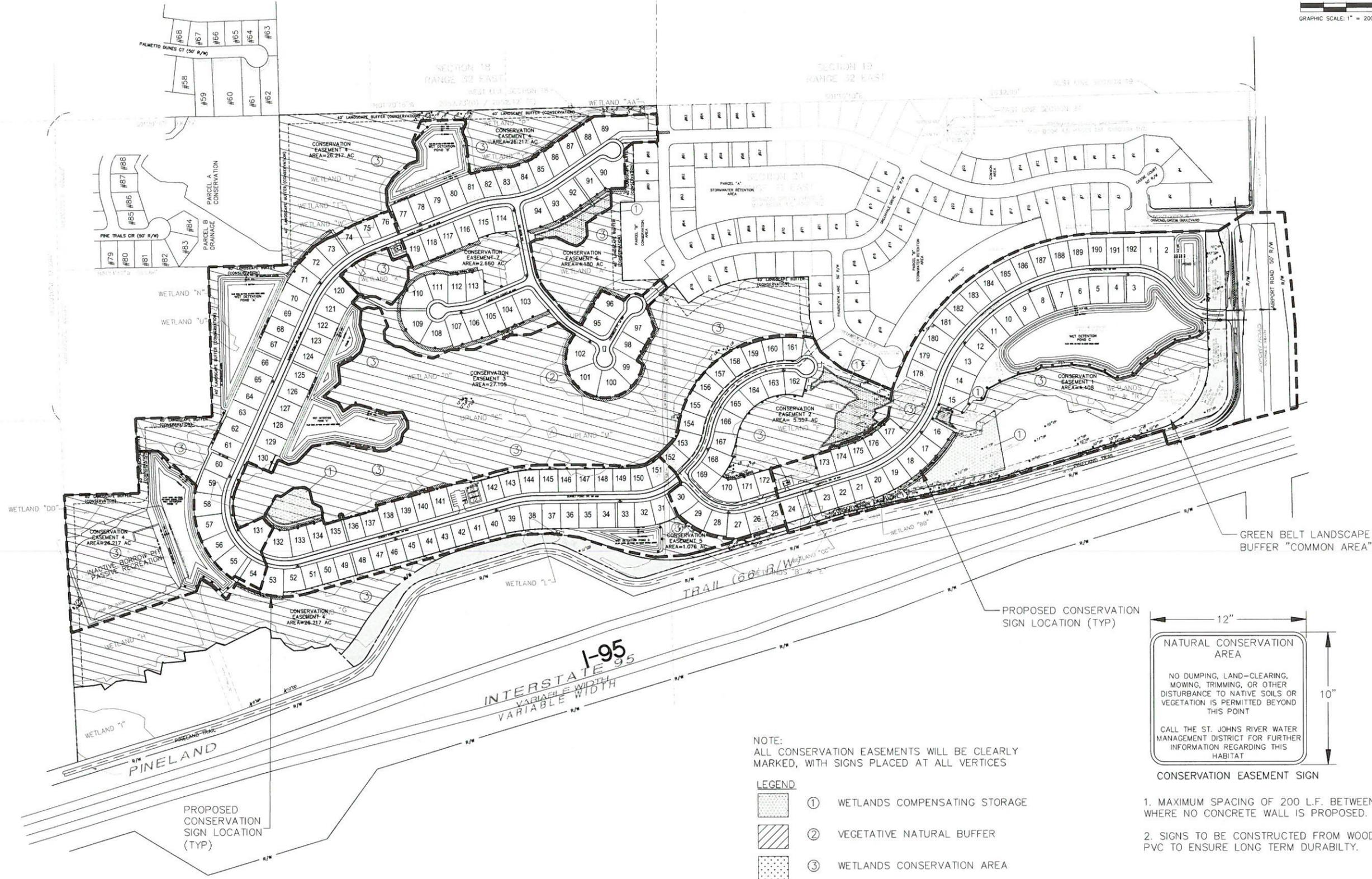
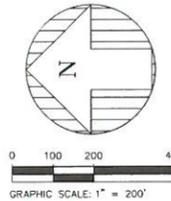
NOTE:  
ALL STREET LIGHTS AREA TO BE PLACED A MAXIMUM DISTANCE OF 150' APART.



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2. 03-29-16 PAZ REVISED PER THE CITY OF ORMOND BEACH SPEC COMMENTS DATED 2-24-16		DRAWN: RUM/NMP	PLOTTED: 05/03/16	SCALE: 1"=200'
ZAHN ENGINEERING, INC. 244 SOUTH PALMETTO AVENUE DAYTONA BEACH, FLORIDA 32114 FAX: (386) 252-6050 PHONE: (386) 252-0020 ZAHNENG.COM		PINELAND SUBDIVISION ORMOND BEACH FL STREET LIGHTING PLAN		
NO. DATE APPR		1505-DIM.dwg		
NO. DATE APPR		PROJECT NO. 1505		
NO. DATE APPR		NOT VALID WITHOUT EMBOSSED SEAL EB-0005290		
NO. DATE APPR		SHT. C4 OF 45		

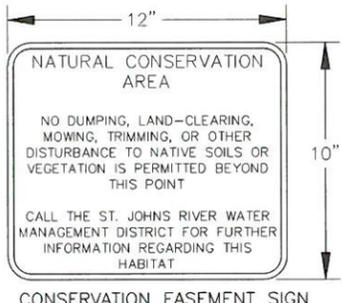


NOTE:  
ALL ELEVATIONS SHOWN ARE  
WITH RESPECT TO NGVD '29



NOTE:  
ALL CONSERVATION EASEMENTS WILL BE CLEARLY  
MARKED, WITH SIGNS PLACED AT ALL VERTICES

- LEGEND**
-  ① WETLANDS COMPENSATING STORAGE
  -  ② VEGETATIVE NATURAL BUFFER
  -  ③ WETLANDS CONSERVATION AREA



- CONSERVATION EASEMENT SIGN**
1. MAXIMUM SPACING OF 200 L.F. BETWEEN SIGNS WHERE NO CONCRETE WALL IS PROPOSED.
  2. SIGNS TO BE CONSTRUCTED FROM WOOD OR PVC TO ENSURE LONG TERM DURABILITY.

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NO.	DATE	APPR.	REVISION
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2	03-29-16	PAZ	REVISION PER THE CITY OF ORMOND BEACH SPPIC COMMENTS DATED 2-24-16

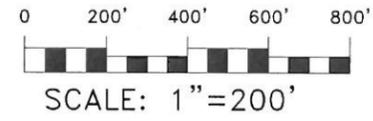
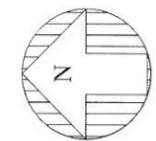
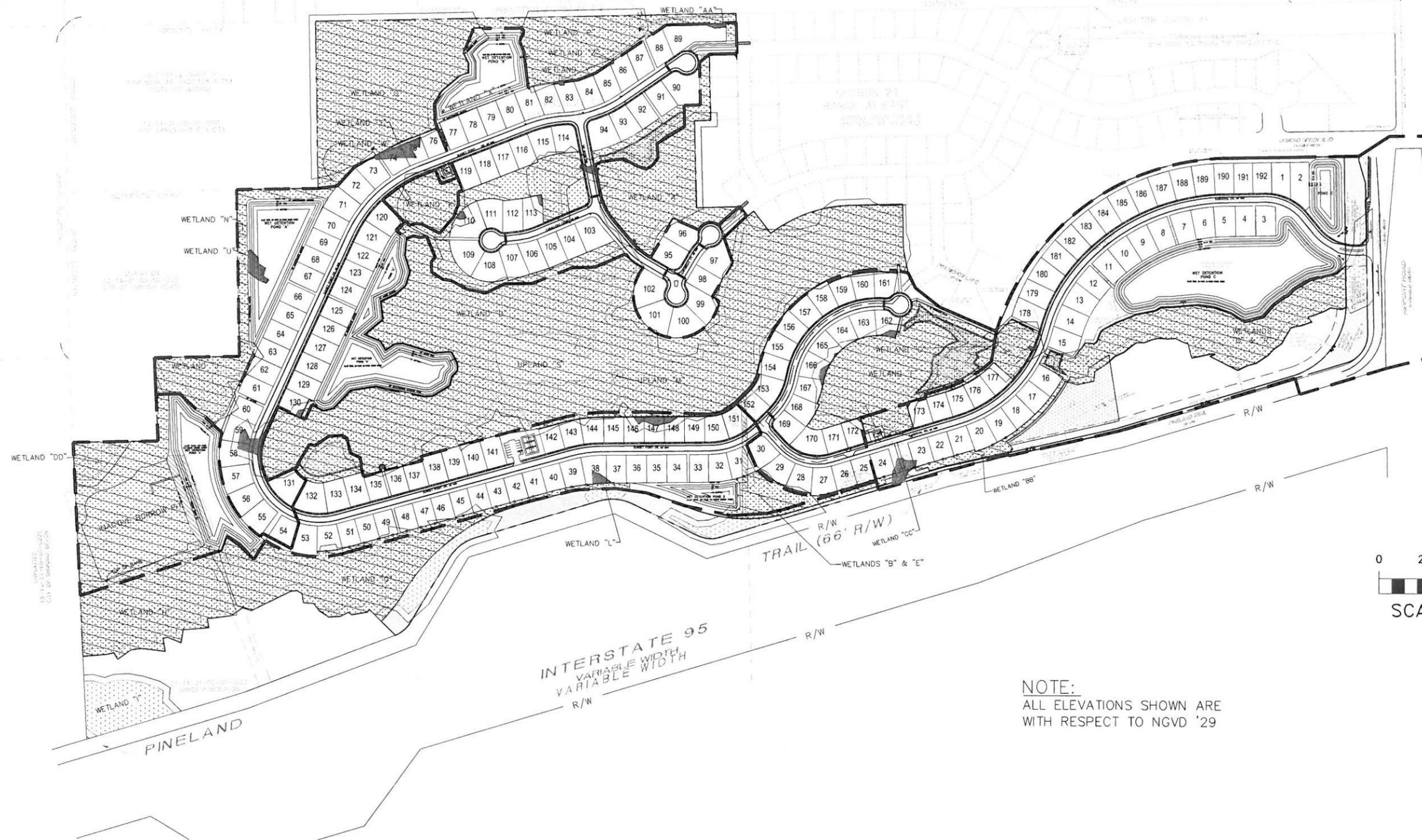
**ZAHN ENGINEERING, INC.**  
244 SOUTH PALMETTO AVENUE  
DAYTONA BEACH, FLORIDA 32114  
PHONE: (386) 252-0020  
FAX: (386) 252-6050  
ZAHNENG.COM

DATE:	03/10/15	DESIGNED:	MMW
PLOTTED:	05/03/16	DRAWN:	RJM/IMP
SCALE:	1"=200'	CHECKED:	PAZ

**PINELAND SUBDIVISION**  
ORMOND BEACH, FL  
**CONSERVATION EASEMENT PLAN**

1505-DIM.dwg  
PROJECT NO.  
**1505**  
NOT VALID WITHOUT EMBOSSED SEAL  
EB-0005290  
SHT. **C6** OF **45**

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**NOTE**  
 ALL WETLAND IMPACTS WILL BE MITIGATED ON SITE AS REQUIRED BY SJRWMD VIA THE UMAM RATIO WHICH WILL BE ESTABLISHED UPON SUBMISSION OF FINAL CONSTRUCTION DRAWINGS.

SEE WETLAND MANAGEMENT PLAN BY BIOLOGICAL CONSULTING GROUP, INC. DATED JULY 2008

**NOTE:**  
 ALL ELEVATIONS SHOWN ARE WITH RESPECT TO NGVD '29

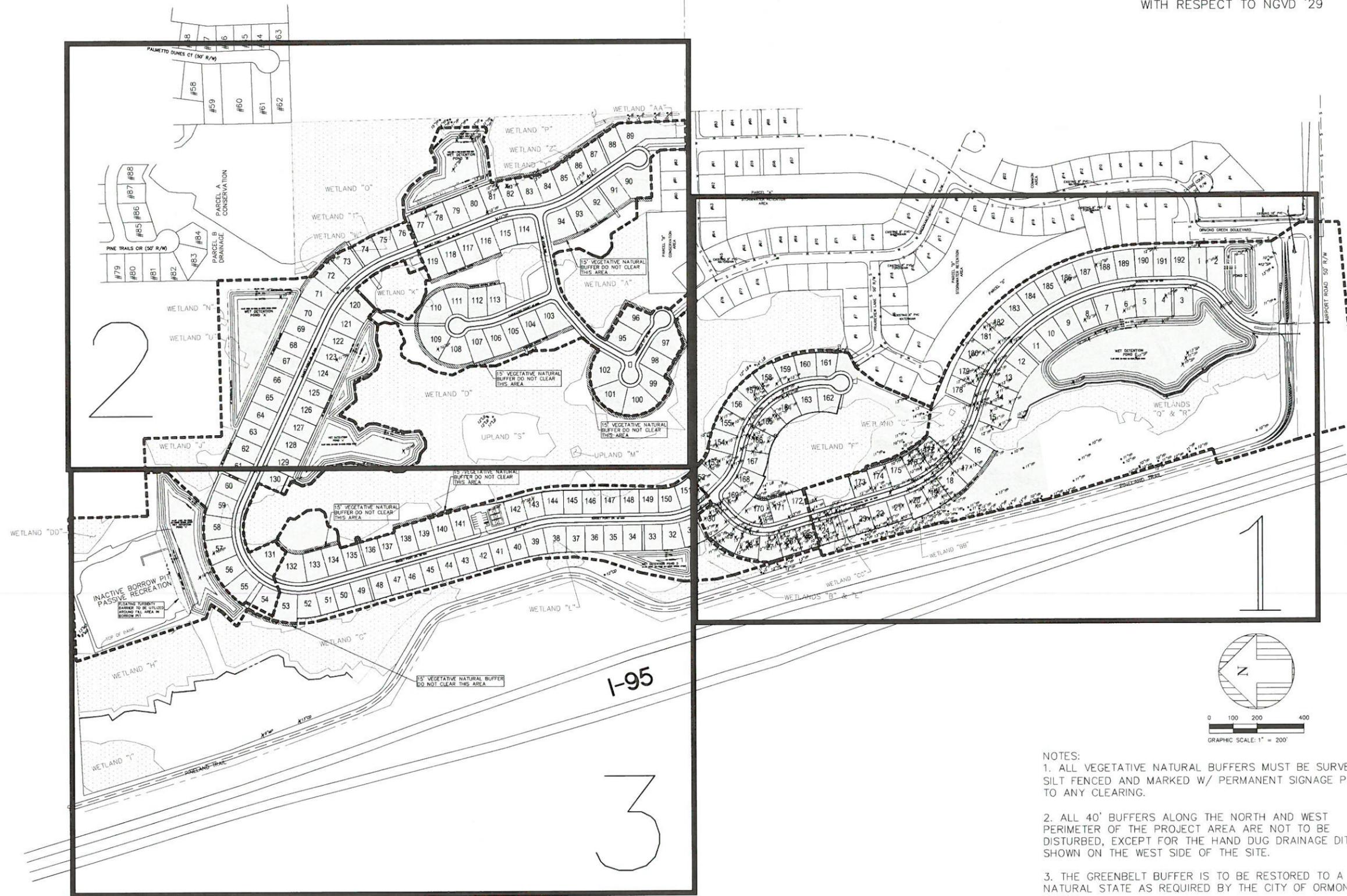
PERCENTAGE OF WETLANDS IMPACT: 2.7%  
 (ONLY SYSTEMS THAT ARE NOT ISOLATED AND ARE OVER 0.25 ACRES REQUIRE CALCULATION TOWARD PERCENTAGE.)

TOTAL WETLAND IMPACTS (DEVELOPEMENT SITE) : 1.036 AC.  
 TOTAL WETLAND IMPACTS UNDER 0.25 AC.: 0.522 AC.  
 TOTAL WETLAND IMPACTS (DEVELOPEMENT SITE) REQUIRING MITIGATION: 0.514 AC.

1 01-22-16 PAZ REVISED PER THE CITY OF ORMOND BEACH SPEC COMMENTS DATED 4-28-16		NO.	DATE	APPR.	REVISION
2 03-29-16 PAZ REVISED PER THE CITY OF ORMOND BEACH SPEC COMMENTS DATED 2-24-16					
<b>ZAHN ENGINEERING, INC.</b>					
244 SOUTH PALMETTO AVENUE DAYTONA BEACH, FLORIDA 32114					
PHONE: (386) 252-6050 FAX: (386) 252-6050 ZAHNENG.COM					
DATE:	03/10/15	DESIGNED:	TLG		
PLOTTED:	03/11/15	DRAWN:	TLG		
SCALE:	1"=200'	CHECKED:	PAZ		
<b>PINELAND PRD</b>					
<b>ORMOND BEACH FL</b>					
<b>WETLAND IMPACTS PLAN</b>					
1505-IMPACT.dwg					
PROJECT NO. 1505					
NOT VALID WITHOUT EMBOSSED SEAL EB-0005290					
SHT. C7 OF 45					

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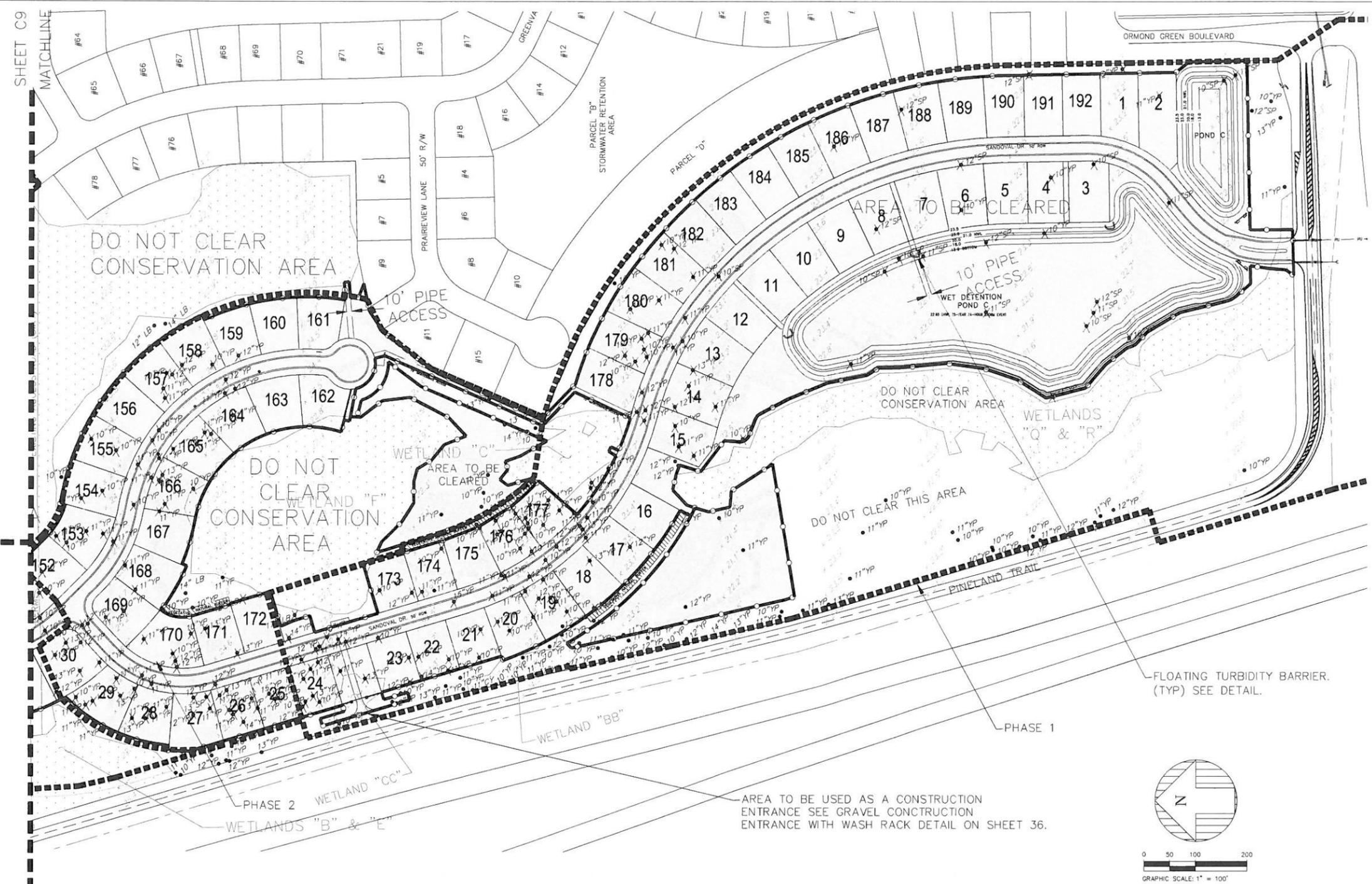
NOTE:  
ALL ELEVATIONS SHOWN ARE  
WITH RESPECT TO NGVD '29



- NOTES:
1. ALL VEGETATIVE NATURAL BUFFERS MUST BE SURVEYED, SILT FENCED AND MARKED W/ PERMANENT SIGNAGE PRIOR TO ANY CLEARING.
  2. ALL 40' BUFFERS ALONG THE NORTH AND WEST PERIMETER OF THE PROJECT AREA ARE NOT TO BE DISTURBED, EXCEPT FOR THE HAND DUG DRAINAGE DITCH SHOWN ON THE WEST SIDE OF THE SITE.
  3. THE GREENBELT BUFFER IS TO BE RESTORED TO A NATURAL STATE AS REQUIRED BY THE CITY OF ORMOND BEACH.
  4. AREAS THAT ARE TO REMAIN NATURAL, SHALL BE INCLUDED INTO CONSERVATION EASEMENTS. REFER TO THE PLAT DOCUMENT FOR EXACT LOCATION DETAILS.

<b>PINELAND SUBDIVISION</b> ORMOND BEACH FL <b>CLEARING &amp; EROSION CONTROL SHEET INDEX</b>	
1505-DEMO.dwg PROJECT NO. <b>1505</b>	NOT VALID WITHOUT EMBOSSED SEAL EB-0005290
DESIGNED: MMW DATE: 03/10/15 PLOTTED: 05/03/16 SCALE: 1" = 200'	DRAWN: RUM/KMP CHECKED: PAZ
<b>ZAHN ENGINEERING, INC.</b> 244 SOUTH PALMETTO AVENUE DAYTONA BEACH, FLORIDA 32114 FAX: (386) 252-6050 PHONE: (386) 252-0020 ZAHNENG.COM	
01-22-16 PAZ REVISED PER THE CITY OF ORMOND BEACH SFRIC COMMENTS DATED 4-28-16 03-29-16 PAZ REVISED PER THE CITY OF ORMOND BEACH SFRIC COMMENTS DATED 2-24-16	NO. DATE APPR.
REVISION	

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SHEET C10  
MATCHLINE  
SHEET C11

SHEET C11  
MATCHLINE

**LEGEND**

YP	-	YELLOW PINE
SP	-	SAND PINE
SB	-	SWEET BAY
LB	-	LOBLOLLY BAY
SO	-	SCRUB OAK
MO	-	MYRTLE OAK
MP	-	MAPLE
CD	-	CEDAR
CY	-	CYPRESS

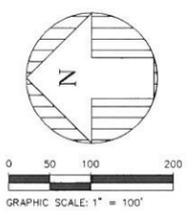
TREE TO BE SAVED = ● 11"YP  
TREE TO BE REMOVED = ✕ 11"YP

**NOTE:**  
ALL ELEVATIONS SHOWN ARE WITH RESPECT TO NGVD '29

**LEGEND:**

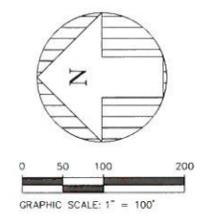
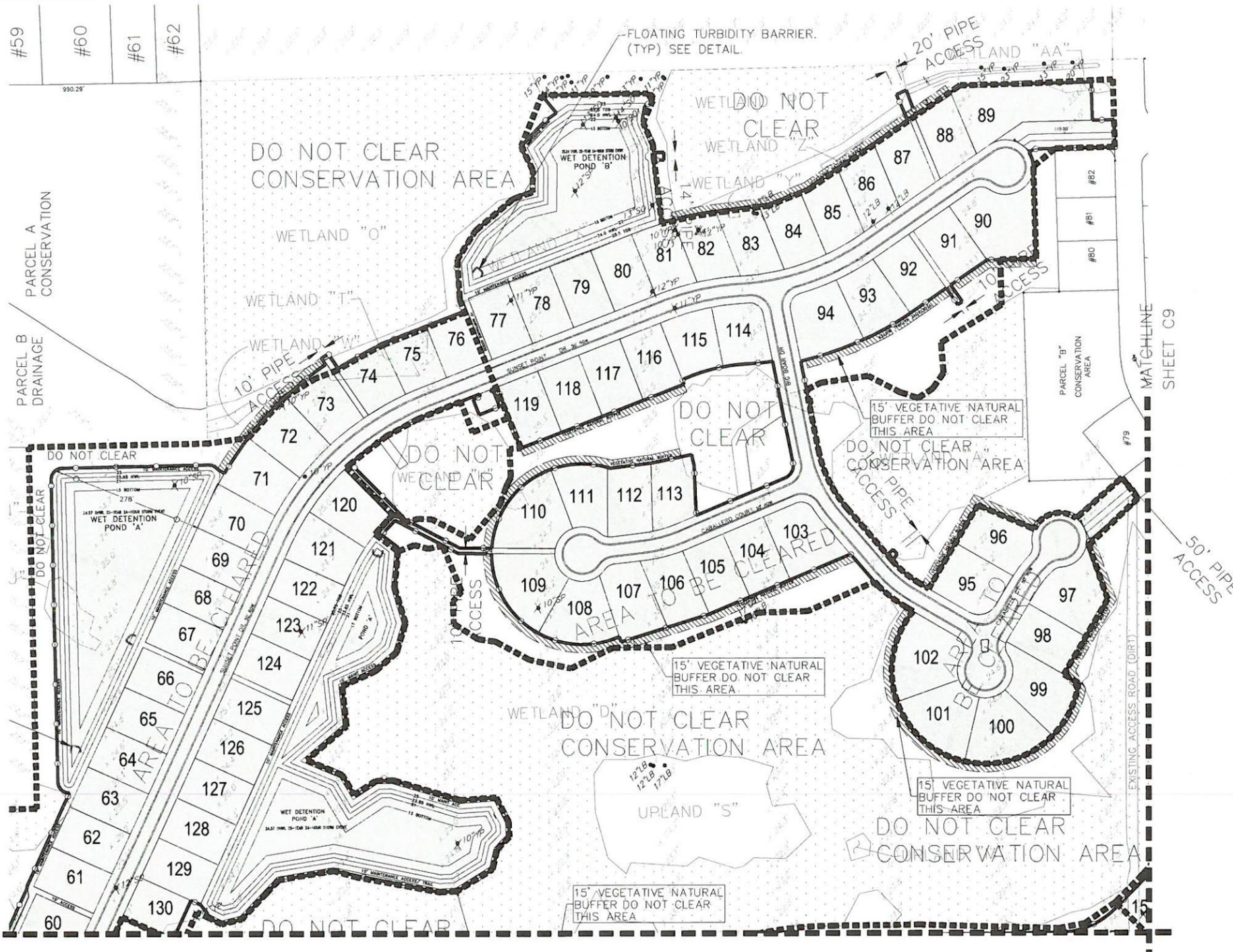
	SILT FENCE/ CLEARING LIMITS SEE SHEET C36 DETAIL 3
	AREA TO BE CLEARED.

- NOTES:**
- ALL VEGETATIVE NATURAL BUFFERS MUST BE SURVEYED, SILT FENCED AND MARKED W/ PERMANENT SIGNAGE PRIOR TO ANY CLEARING.
  - ALL 40' BUFFERS ALONG THE NORTH AND WEST PERIMETER OF THE PROJECT AREA ARE NOT TO BE DISTURBED, EXCEPT FOR THE HAND DUG DRAINAGE DITCH SHOWN ON THE WEST SIDE OF THE SITE.
  - THE GREENBELT BUFFER IS TO BE RESTORED TO A NATURAL STATE AS REQUIRED BY THE CITY OF ORMOND BEACH.
  - AREAS THAT ARE TO REMAIN NATURAL, SHALL BE INCLUDED INTO CONSERVATION EASEMENTS. REFER TO THE PLAT DOCUMENT FOR EXACT LOCATION DETAILS.



<p><b>ZAHN ENGINEERING, INC.</b> 244 SOUTH PALMETTO AVENUE DAYTONA BEACH, FLORIDA 32114 FAX: (386) 252-6050 PHONE: (386) 252-0020 ZAHNENG.COM</p>	
DESIGNED: MIM	CHECKED: PAZ
DATE: 03/10/15	SCALE: 1" = 100'
PLOTTED: 05/03/16	
<p><b>PINELAND SUBDIVISION</b> ORMOND BEACH FL <b>CLEARING AND EROSION CONTROL 1</b></p>	
<p>1505-DEMO.dwg PROJECT NO. <b>1505</b></p>	
<p>NOT VALID WITHOUT EMBOSSED SEAL EB-0005290</p>	
<p>SHT. <b>C9</b> OF <b>45</b></p>	

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**LEGEND**

YP	-	YELLOW PINE
SP	-	SAND PINE
SB	-	SWEET BAY
LB	-	LOBLOLLY BAY
SO	-	SCRUB OAK
MO	-	MYRTLE OAK
MP	-	MAPLE
CD	-	CEDAR
CY	-	CYPRESS

TREE TO BE SAVED = ● 11" YP  
 TREE TO BE REMOVED = ✕ 11" YP

**NOTE:**  
 ALL ELEVATIONS SHOWN ARE WITH RESPECT TO NGVD '29

**LEGEND:**

	SILT FENCE/ CLEARING LIMITS SEE SHEET C36 DETAIL 3
	AREA TO BE CLEARED.

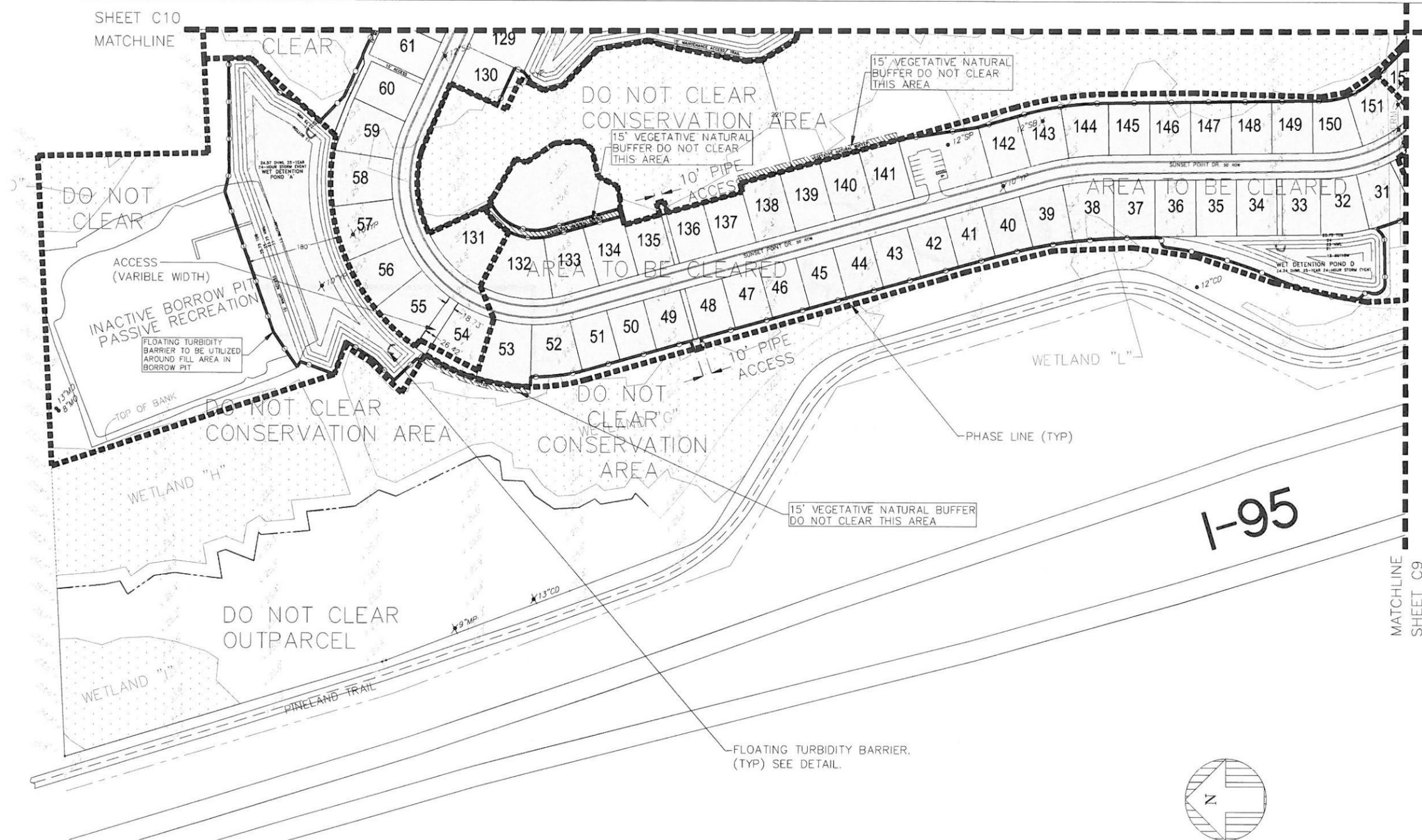
- NOTES:**
- ALL VEGETATIVE NATURAL BUFFERS MUST BE SURVEYED, SILT FENCED AND MARKED W/ PERMANENT SIGNAGE PRIOR TO ANY CLEARING.
  - ALL 40' BUFFERS ALONG THE NORTH AND WEST PERIMETER OF THE PROJECT AREA ARE NOT TO BE DISTURBED, EXCEPT FOR THE HAND DUG DRAINAGE DITCH SHOWN ON THE WEST SIDE OF THE SITE.
  - THE GREENBELT BUFFER IS TO BE RESTORED TO A NATURAL STATE AS REQUIRED BY THE CITY OF ORMOND BEACH.
  - AREAS THAT ARE TO REMAIN NATURAL, SHALL BE INCLUDED INTO CONSERVATION EASEMENTS. REFER TO THE PLAT DOCUMENT FOR EXACT LOCATION DETAILS.

MATCHLINE SHEET C11

MATCHLINE SHEET C9

REVISION NO. DATE APPR.	
1	01-22-16 PAZ REVISED PER THE CITY OF ORMOND BEACH SPEC COMMENTS DATED 4-28-16
2	05-29-16 PAZ REVISED PER THE CITY OF ORMOND BEACH SPEC COMMENTS DATED 2-24-16
<b>ZAHN ENGINEERING, INC.</b> 244 SOUTH PALMETTO AVENUE DAYTONA BEACH, FLORIDA 32114 PHONE: (386) 252-0020 FAX: (386) 252-6050 ZAHNENG.COM	
DESIGNED: MMH	CHECKED: PAZ
DATE: 03/10/15	SCALE: 1" = 100'
PLOTTED: 05/03/16	
DRAWN: RJM/AMP	
<b>PINELAND SUBDIVISION</b> ORMOND BEACH FL <b>CLEARING AND EROSION CONTROL 2</b>	
1505-DEMO.dwg PROJECT NO. <b>1505</b>	
NOT VALID WITHOUT EMBOSSED SEAL EB-0005290	
SHT. C10 OF 45	

SHEET C10  
MATCHLINE



LEGEND

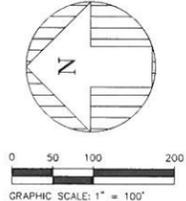
- YP - YELLOW PINE
  - SP - SAND PINE
  - SB - SWEET BAY
  - LB - LOBLOLLY BAY
  - SO - SCRUB OAK
  - MO - MYRTLE OAK
  - MP - MAPLE
  - CD - CEDAR
  - CY - CYPRESS
- TREE TO BE SAVED = ● 11" YP  
 TREE TO BE REMOVED = ✕ 11" YP

TREE REMOVAL CHART

SPECIES	TREES ON SITE	TREES REMOVED	TOTAL DBH	DBH REMOVED
YELLOW PINE	297	210	3361	2333
SAND PINE	21	19	231	209
SWEET BAY	1	1	12	12
LOBLOLLY BAY	14	4	186	49
SCRUB OAK	5	5	62	62
MYRTLE OAK	2	0	22	0
MAPLE	0	0	0	0
CEDAR	1	0	12	0
CYPRESS	1	0	11	0

LEGEND:

- SILT FENCE/ CLEARING LIMITS  
SEE SHEET C36 DETAIL 3
- AREA TO BE CLEARED.



NOTES:

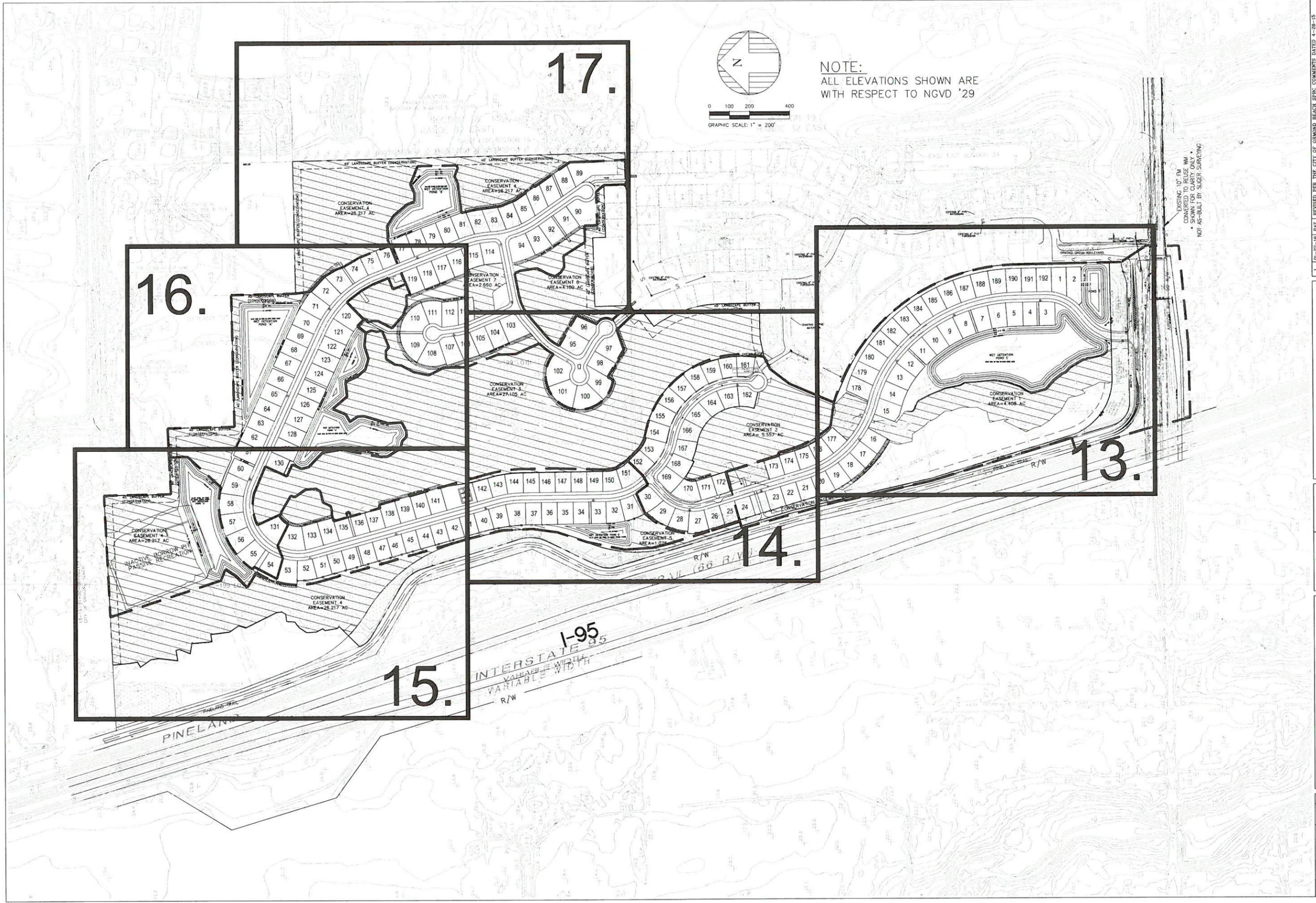
- ALL VEGETATIVE NATURAL BUFFERS MUST BE SURVEYED, SILT FENCED AND MARKED W/ PERMANENT SIGNAGE PRIOR TO ANY CLEARING.
- ALL 40' BUFFERS ALONG THE NORTH AND WEST PERIMETER OF THE PROJECT AREA ARE NOT TO BE DISTURBED, EXCEPT FOR THE HAND DUG DRAINAGE DITCH SHOWN ON THE WEST SIDE OF THE SITE.
- THE GREENBELT BUFFER IS TO BE RESTORED TO A NATURAL STATE AS REQUIRED BY THE CITY OF ORMOND BEACH.
- AREAS THAT ARE TO REMAIN NATURAL, SHALL BE INCLUDED INTO CONSERVATION EASEMENTS. REFER TO THE PLAT DOCUMENT FOR EXACT LOCATION DETAILS.

NOTE:  
ALL ELEVATIONS SHOWN ARE WITH RESPECT TO NGVD '29

<p>1 01-22-16 PAZ REVISION PER THE CITY OF ORMOND BEACH SPEC COMMENTS DATED 4-20-16</p> <p>2 03-29-16 PAZ REVISION PER THE CITY OF ORMOND BEACH SPEC COMMENTS DATED 2-24-16</p>	<p>NO. DATE APPR.</p>
<p><b>ZAHN ENGINEERING, INC.</b>          244 SOUTH PALMETTO AVENUE DAYTONA BEACH, FLORIDA 32114          FAX: (386) 252-6650 PHONE: (386) 252-0020 ZAHNENG.COM</p>	
<p>DATE: 03/10/15</p> <p>DESIGNED: MMM</p>	<p>CHECKED: PAZ</p>
<p>SCALE: 1" = 100'</p>	<p>DRAWN: RUM/KUP</p>
<p>PINELAND SUBDIVISION          ORMOND BEACH FL          CLEARING AND EROSION CONTROL 3</p>	
<p>1505-DEMO.dwg          PROJECT NO.  <b>1505</b></p>	
<p>NOT VALID WITHOUT EMBOSSED SEAL          EB-0005290</p>	
<p>SHT C11 OF 45</p>	

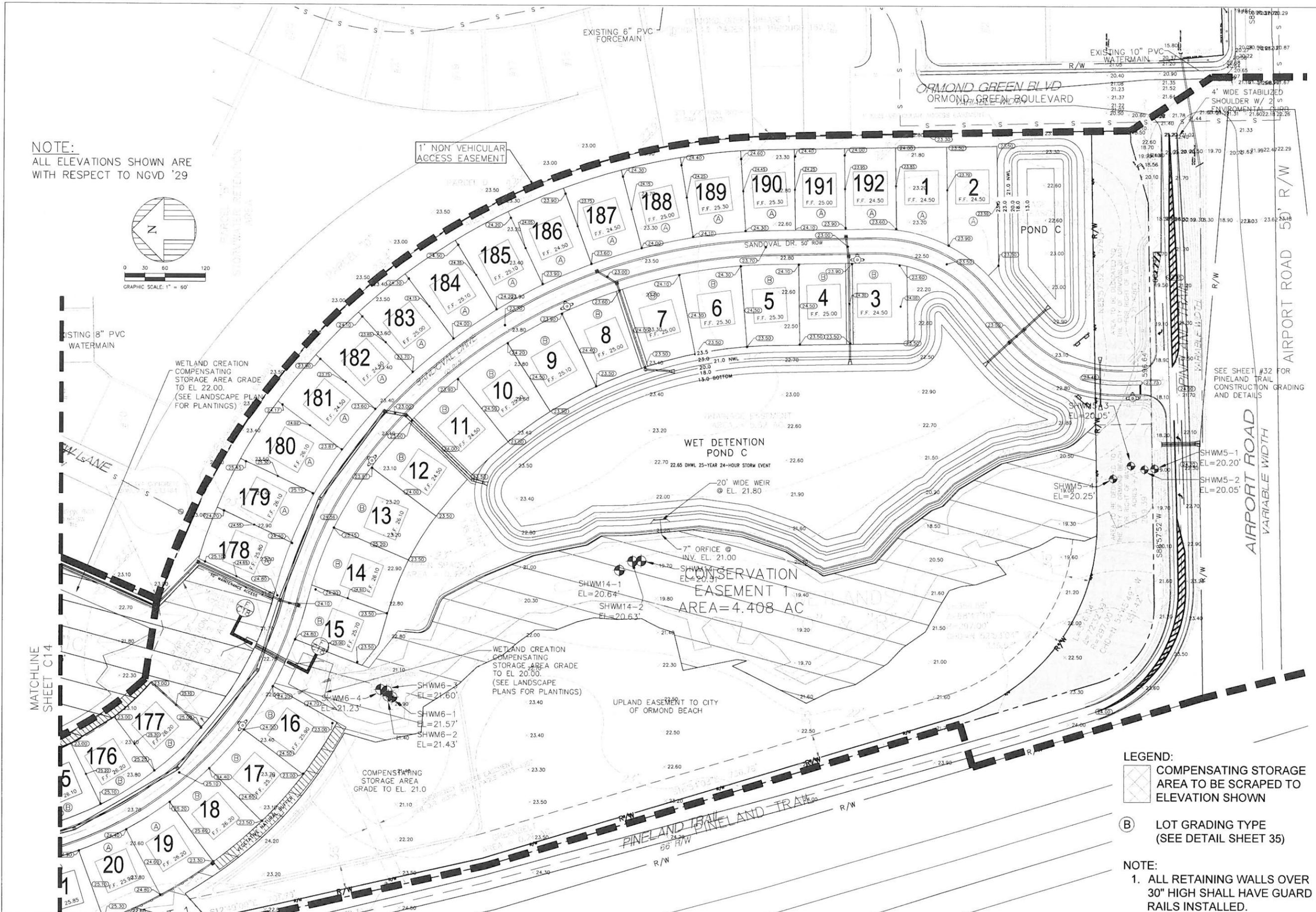
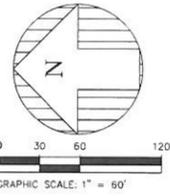
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1 01-22-16 PAZ REVISED PER THE CITY OF ORMOND BEACH SPEC COMMENTS DATED 2-28-16		DESIGNED: MMM	
2 03-29-16 PAZ REVISED PER THE CITY OF ORMOND BEACH SPEC COMMENTS DATED 2-24-16		DRAWN: RUM/KUP	
		CHECKED: PAZ	
		SCALE: 1" = 200'	
		DATE: 03/10/15	
		PLOTTED: 05/03/16	
		PROJECT NO. 1505	
		PROJECT NO. 1505	
		NOT VALID WITHOUT EMBOSSED SEAL EB-0005290	
		SHT. C12 of 45	
		PINELAND SUBDIVISION	
		ORMOND BEACH FL	
		GRADING KEY SHEET	
		ZAHN ENGINEERING, INC.	
		244 SOUTH PALMETTO AVENUE DAYTONA BEACH, FLORIDA 32114	
		PHONE: (386) 252-6050 FAX: (386) 252-0020 ZAHNENG.COM	
		REVISION	
		NO. DATE APPR	

NOTE:  
ALL ELEVATIONS SHOWN ARE  
WITH RESPECT TO NGVD '29

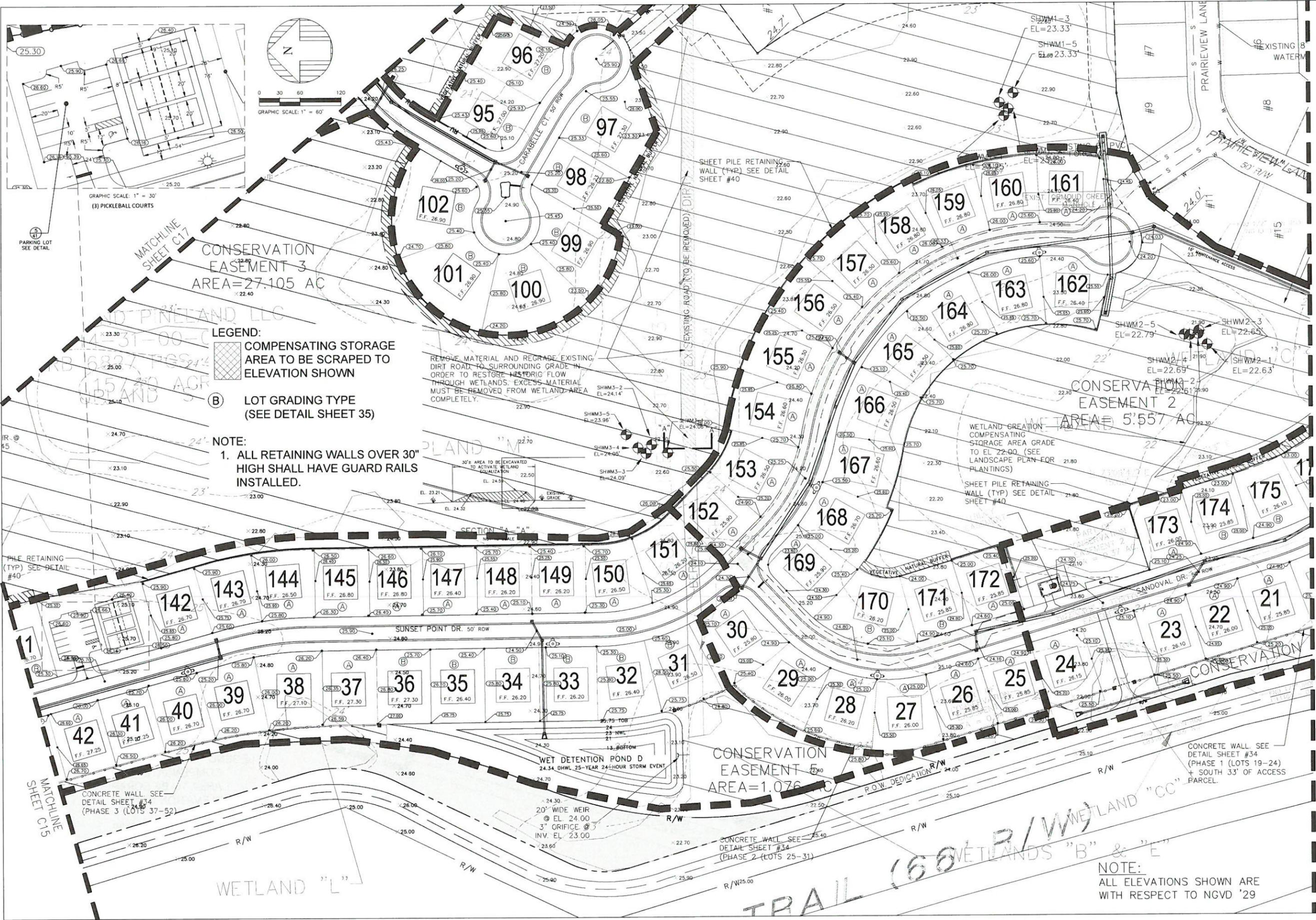


LEGEND:  
 COMPENSATING STORAGE AREA TO BE SCRAPED TO ELEVATION SHOWN  
 LOT GRADING TYPE (SEE DETAIL SHEET 35)

NOTE:  
1. ALL RETAINING WALLS OVER 30" HIGH SHALL HAVE GUARD RAILS INSTALLED.

<b>ZAHN ENGINEERING, INC.</b> 244 SOUTH PALMETTO AVENUE DAYTONA BEACH, FLORIDA 32114 FAX: (386) 252-6050 PHONE: (386) 252-0020 ZAHNING.COM	
DESIGNED: MMH	DRAWN: RUM/KMP
DATE: 03/10/15	CHECKED: PAZ
PLOTTED: 05/04/16	SCALE: 1" = 60'
<b>PINELAND SUBDIVISION</b> ORMOND BEACH FL <b>GRADING PLAN 1</b>	
PROJECT NO. 1505	1505-PDU.dwg
NOT VALID WITHOUT EMBOSSED SEAL EB-0005290	SHT. C13 OF 45

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**LEGEND:**  
 COMPENSATING STORAGE AREA TO BE SCRAPED TO ELEVATION SHOWN  
 LOT GRADING TYPE (SEE DETAIL SHEET 35)

**NOTE:**  
 1. ALL RETAINING WALLS OVER 30" HIGH SHALL HAVE GUARD RAILS INSTALLED.

NO.	DATE	APPR.	REVISION
1	01-22-16	PAZ	REVISED PER THE CITY OF ORMOND BEACH SPEC COMMENTS DATED 4-29-16
2	03-29-16	PAZ	REVISED PER THE CITY OF ORMOND BEACH SPEC COMMENTS DATED 2-24-16

DESIGNED:	MMH
DATE:	03/10/15
DRAWN:	R/W/K/MP
PLOTTED:	05/04/16
CHECKED:	PAZ
SCALE:	1" = 60'

PROJECT NO.	1505
PROJECT NAME	PINELAND SUBDIVISION ORMOND BEACH, FL
PROJECT ADDRESS	244 SOUTH PALMETTO AVENUE DAYTONA BEACH, FLORIDA 32114
PROJECT PHONE	(386) 252-0020
PROJECT FAX	(386) 252-6050
PROJECT WEBSITE	ZAH-ENG.COM

PROJECT NO.	1505
PROJECT NAME	PINELAND SUBDIVISION ORMOND BEACH, FL
PROJECT ADDRESS	244 SOUTH PALMETTO AVENUE DAYTONA BEACH, FLORIDA 32114
PROJECT PHONE	(386) 252-0020
PROJECT FAX	(386) 252-6050
PROJECT WEBSITE	ZAH-ENG.COM

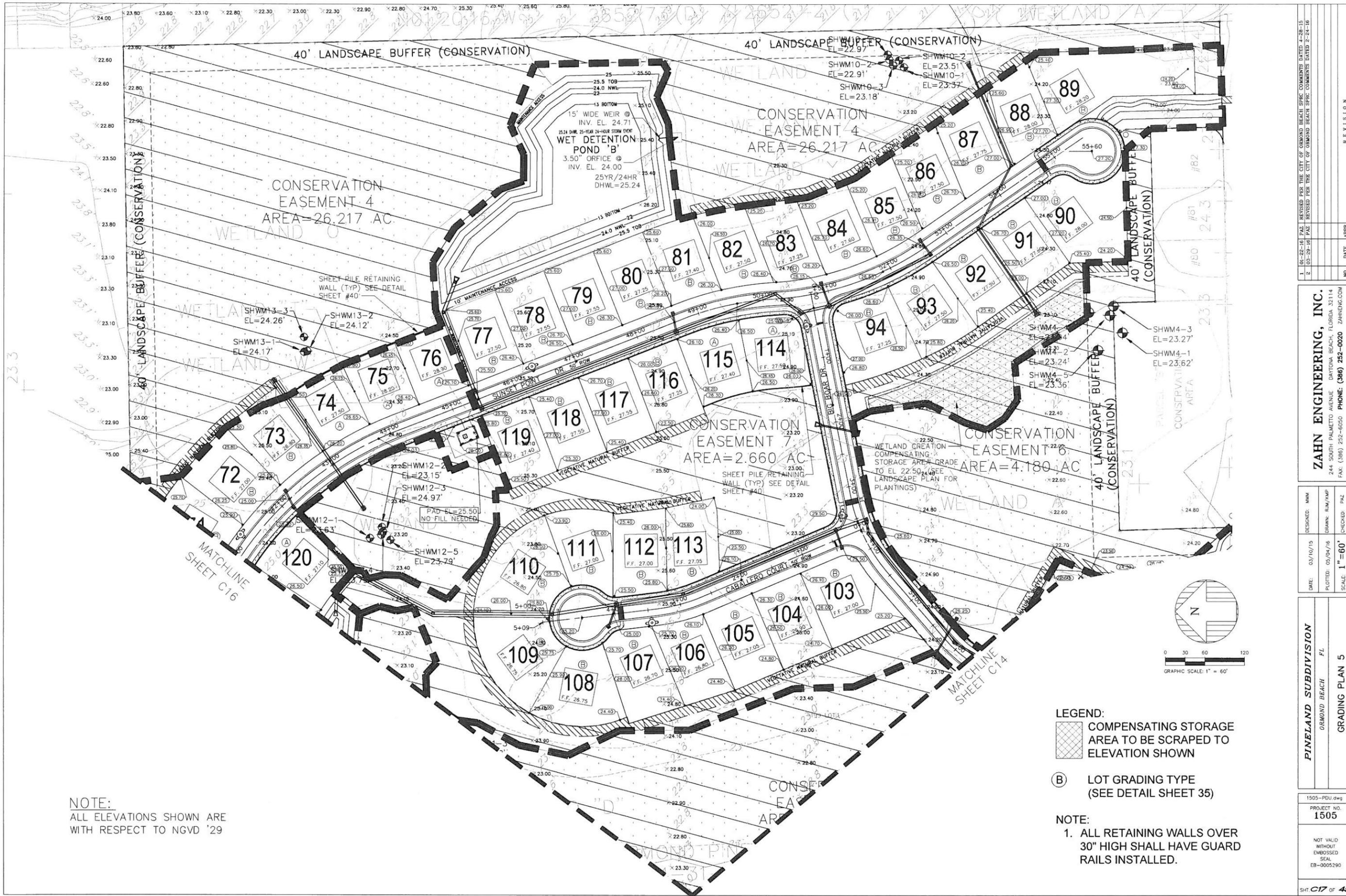
PROJECT NO.	1505
PROJECT NAME	PINELAND SUBDIVISION ORMOND BEACH, FL
PROJECT ADDRESS	244 SOUTH PALMETTO AVENUE DAYTONA BEACH, FLORIDA 32114
PROJECT PHONE	(386) 252-0020
PROJECT FAX	(386) 252-6050
PROJECT WEBSITE	ZAH-ENG.COM

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NOTE:  
ALL ELEVATIONS SHOWN ARE  
WITH RESPECT TO NGVD '29

LEGEND:  
 COMPENSATING STORAGE AREA TO BE SCRAPED TO ELEVATION SHOWN  
 LOT GRADING TYPE (SEE DETAIL SHEET 35)

NOTE:  
1. ALL RETAINING WALLS OVER 30" HIGH SHALL HAVE GUARD RAILS INSTALLED.

1		01-22-16	PAZ	REVISED PER THE CITY OF ORMOND BEACH SPRC COMMENTS DATED 4-28-16
2		03-29-16	PAZ	REVISED PER THE CITY OF ORMOND BEACH SPRC COMMENTS DATED 2-24-16
NO.	DATE	APPR.		
<b>ZAHN ENGINEERING, INC.</b>				
244 SOUTH PALMETTO AVENUE DAYTONA BEACH, FLORIDA 32114				
PHONE: (386) 252-0020 FAX: (386) 252-0050 ZAHNENG.COM				
DESIGNED: MMW	DATE: 03/10/15	DRAWN: RUM/AMP	CHECKED: PAZ	
PLOTTED: 05/04/16	SCALE: 1" = 60'			
<b>PINELAND SUBDIVISION</b>				
<b>ORMOND BEACH FL</b>				
<b>GRADING PLAN 5</b>				
1505-PDU.dwg				
PROJECT NO. 1505				
NOT VALID WITHOUT EMBOSSED SEAL EB-0005290				
SHT. C17 OF 45				