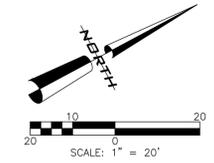
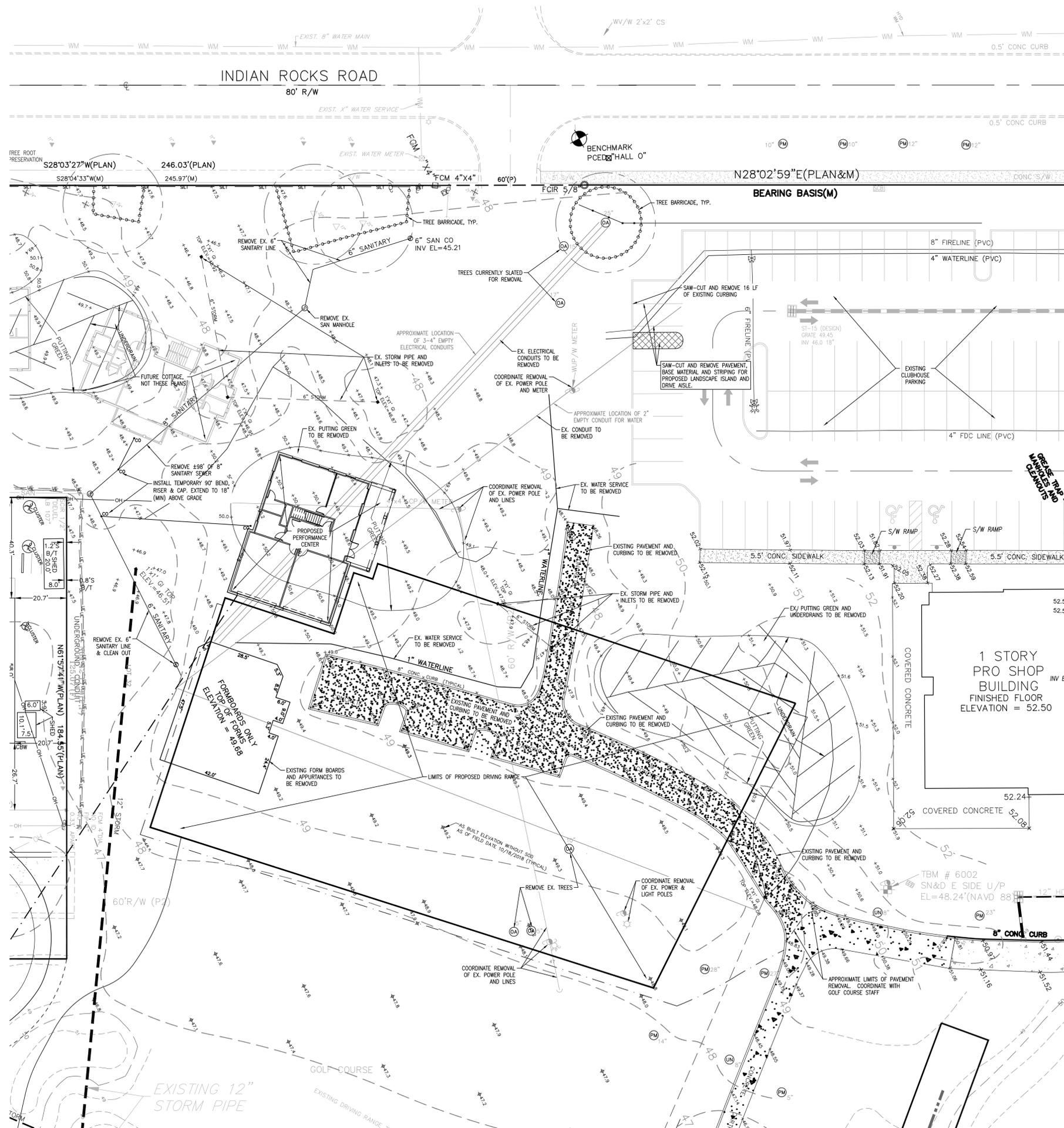


File: R:\Projects\Harrad The Pelican\Plans\Pelican - Performance; Plotted: 7/8/2019 9:56 AM by MICHAEL KNIGHT; Saved: 7/8/2019 9:55 AM by MICHAEL



NOTE:
 1. EXISTING CONDITIONS MAY NOT REFLECT MOST RECENT GOLF COURSE CONSTRUCTION.

NO.	DATE	DESCRIPTION	BY	CHKD BY
1	6-28-2019	REVISED PER TOWN AND FIRE DEPT. COMMENTS	CHRIS WEDDLE	CHRIS WEDDLE
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DRAWN BY: KNIGHT
 CHECKED BY: CHRIS WEDDLE
 DATE: 6-28-2019
 PROJECT NO.: 18-174

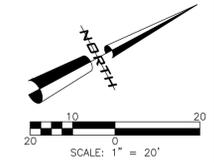
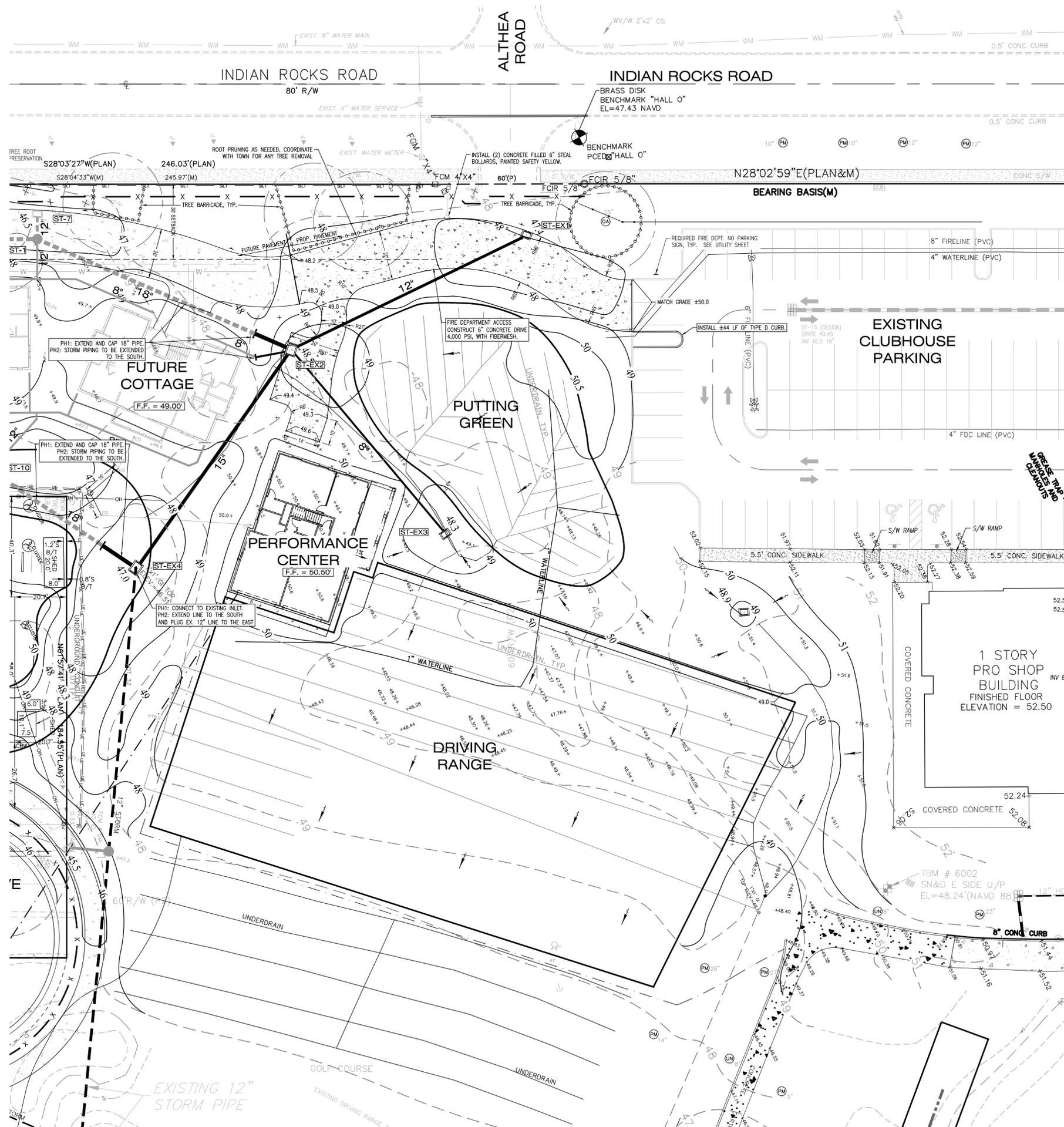
DEMO PLAN

**PELICAN GOLF CLUB
 "PERFORMANCE CENTER"**
 HARRAD PROPERTIES, INC.
 5550 WEST EXECUTIVE DRIVE - 550
 TAMPA, FLORIDA 33609

AUTORA
 CIVIL ENGINEERING, INC.
 610 E. Morgan Street Brandon, FL 33510 (813)843-9907

This drawing was prepared by Autora Civil Engineering, Inc. under the supervision of a Professional Engineer. It is not to be used for any other project without the written consent of Autora Civil Engineering, Inc.

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NOTES:

- A. THE SOIL EROSION AND SEDIMENT CONTROL DEVICES SHALL BE INSTALLED PRIOR TO CONSTRUCTION, AND MAINTAINED UNTIL CONSTRUCTION ENDS AND THE SITE IS PERMANENTLY STABILIZED.
- B. PRIOR TO CONSTRUCTION, BUILDING PERMITS SHALL BE OBTAINED FOR ALL STRUCTURES THAT HAVE A FOOTER, REGARDLESS OF SIZE, THROUGH THE TOWN OF BELLEAIR (INCLUDING BUT NOT LIMITED TO BUILDINGS, ACCESSORIES, AND RETAINING WALLS).
- C. IT IS THE RESPONSIBILITY OF THE OWNER TO INSPECT AND MAINTAIN THE WATER RETENTION SYSTEM ON A REGULAR BASIS.
- D. ALL SODDED SLOPES OVER 4:1 SHALL BE INSTALLED WITH SOD PEGS.
- E. ALL DEMOLITION DEBRIS SHALL BE REMOVED FROM THE SITE AND LEGALLY DISPOSED.
- F. ELEVATIONS SHOWN ARE FRONT OF CURB UNLESS OTHERWISE INDICATED.
- G. TOP OF CURB ELEVATIONS ARE 6" AND SIDEWALK ELEVATIONS ARE BETWEEN 4" TO 6" ABOVE THE ADJACENT PAVEMENT ELEVATION UNLESS OTHERWISE INDICATED.
- H. CURBS AND SIDEWALKS SHALL BE SLOPED TO MATCH GRADES AT ADA RAMP ELEVATIONS. SIDEWALK SLOPES SHALL ADHERE TO ADA REQUIREMENTS.
- I. DURING LAND ALTERATION AND CONSTRUCTION ACTIVITIES, IT SHALL BE UNLAWFUL TO REMOVE VEGETATION BY GRUBBING OR TO PLACE SOIL DEPOSITS, DEBRIS, SOLVENTS, CONSTRUCTION MATERIAL, MACHINERY OR OTHER EQUIPMENT OF ANY KIND WITHIN THE DRIPLINE OF A TREE TO REMAIN ON THE SITE UNLESS OTHERWISE APPROVED BY THE HILLSBOROUGH COUNTY.
- O. ANY AREAS SUBJECT TO EROSION MUST BE ADEQUATELY STABILIZED WITH VEGETATIVE MATERIAL THAT WILL, WITHIN A REASONABLE TIME FRAME, DETER SOIL DISTURBANCE. SODDING, PLUGGING, SPRIGGING OR SEEDING IS ACCEPTABLE FOR STABILIZATION; HOWEVER, SODDING MAY BE REQUIRED IN AREAS OF EROSION-PRONE SOILS OR WHERE SLOPES ARE GREATER THAN 5:1. VEGETATION OTHER THAN GRASS IS ACCEPTABLE UNLESS OTHERWISE SPECIFIED.
- P. DISTURBED AREAS WITHIN 10 FT OF ANY WATERWAY OR OTHER SURFACE WATER SHALL BE STABILIZED AND SODDED.
- Q. UTILIZE SUITABLE SOILS FROM EXISTING STOCKPILE FOR FILL AND FINISH GRADING.
- R. PROPOSED ELEVATIONS SHOWN ARE PAVEMENT ELEVATION UNLESS OTHERWISE NOTED.
- S. EXISTING ELEVATIONS SHOWN ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88). BASE B.M. NATIONAL GEODETIC SURVEY B.M. #AG8613, EL. = 38.86 N.A.V.D. 88.

NO.	DATE	BY	DESCRIPTION
1	6-20-2019	KNIGHT	ISSUED FOR TOWN AND FIRE DEPT. COMMENTS
2		KNIGHT	REVISED
3		KNIGHT	REVISED
4		KNIGHT	REVISED
5		KNIGHT	REVISED

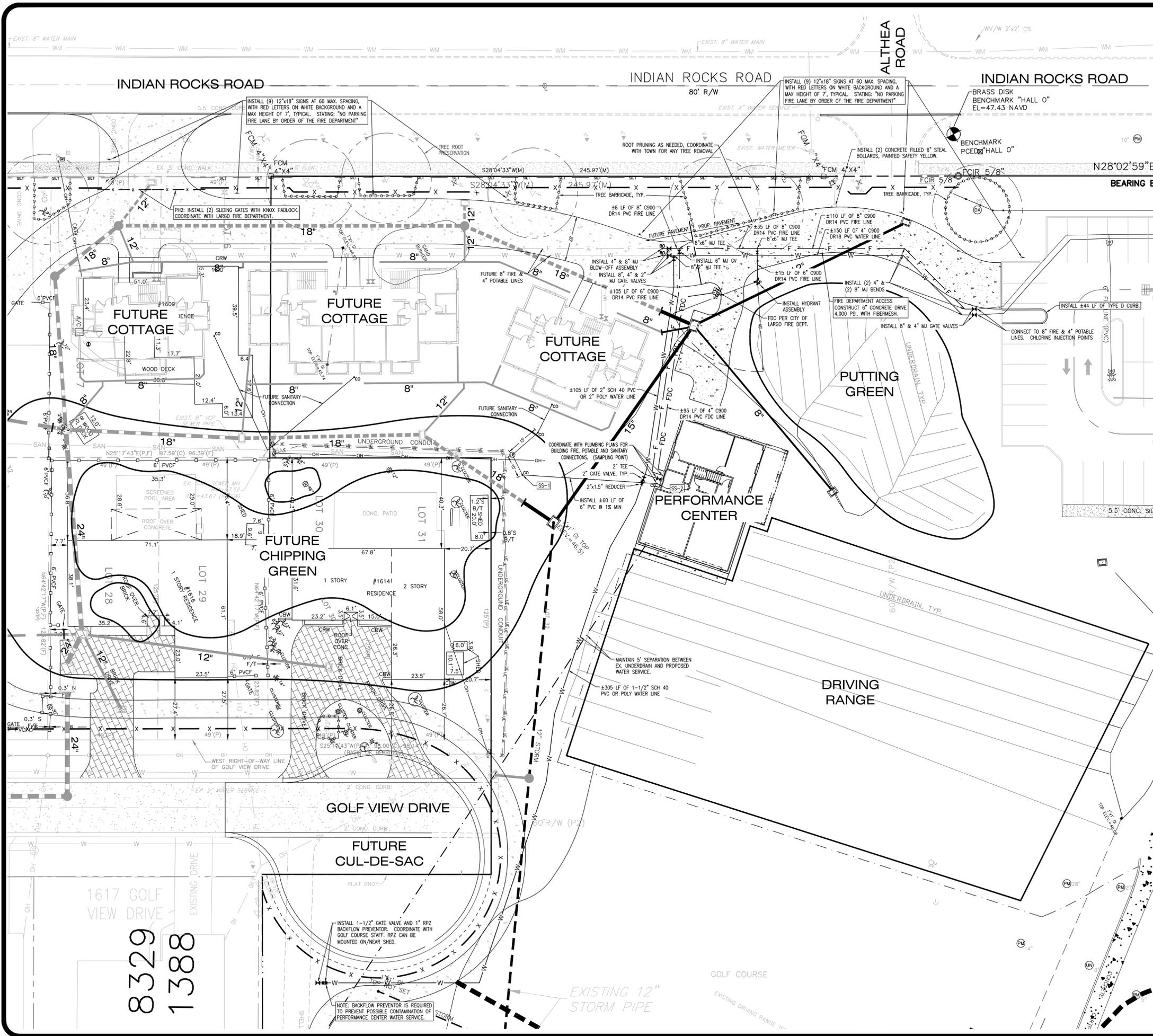
SITE AND GRADING PLAN

PELICAN GOLF CLUB
"PERFORMANCE CENTER"
 HARRAD PROPERTIES, INC. - 550
 WEST EXECUTIVE DRIVE - 550
 TAMPA, FLORIDA 33609

AUTORORA
 CIVIL ENGINEERING, INC.
 610 E. Morgan Street Brandon, FL 33510 (813)843-9907

Professional Engineer Seal for Chris Weddle, State of Florida, License No. 18-174.

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FIRE PROTECTION NOTES:

1. NFPA 14: 6.4.1 A LISTED CHECK VALVE SHALL BE INSTALLED IN EACH FIRE DEPARTMENT CONNECTION. THE CHECK VALVE FOR THE FDC LINE SHALL BE PLACED JUST UNDER THE FDC CONNECTION. THIS ENABLES THE UNDERGROUND FDC LINE TO BE WET INSTEAD OF A DRY LINE.
2. FIRE DEPARTMENT CONNECTIONS SHALL BE IDENTIFIED BY A SIGN THAT STATES "NO PARKING, FIRE DEPARTMENT CONNECTION" AND SHALL BE DESIGNED IN ACCORDANCE WITH FDOT STANDARDS FOR INFORMATION SIGNAGE WHERE SUBJECT TO VEHICLE PARKING, NFPA 1:18.3.4.3.
3. NFPA 24: 6.4.6 FIRE DEPARTMENT CONNECTIONS SHALL BE LOCATED NOT LESS THAN 18 IN. (457 MM) NOR MORE THAN 48 IN. (1219 MM) ABOVE THE LEVEL OF THE ADJOINING GROUND, SIDEWALK, OR GRADE SURFACE.
4. ALL FIRE LINES TO BE C900 DR14.
5. ALL JOINTS TO BE RESTRAINED.
6. ALL FIRE LINES SHALL HAVE A MINIMUM OF 36" OF COVER.

POTABLE WATER LINE NOTES:

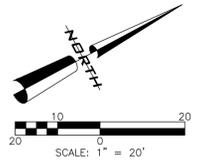
1. 4" POTABLE WATER LINES SHALL BE DR-18 C900 PVC.
2. POTABLE WATER LINES LESS THAN 4" SHALL BE SCHEDULE 40 PVC.
3. ALL WATER LINES SHALL HAVE A MINIMUM OF 36" OF COVER.

UTILITY NOTES:

1. PURSUANT TO FAC 62-555.340, AND AWWA STD C600, POTABLE WATER PIPE MUST BE DISINFECTED, AND BACTERIOLOGICAL SAMPLES WITH CHLORINE CONCENTRATION READING MUST BE COLLECTED TWO CONSECUTIVE DAYS AT LEAST 6 HOURS APART FROM OTHER SAMPLES DURING THE TIME OF CLEARANCE AT THE CONNECTION POINT TO THE EXISTING MAIN AND AT THE PROPOSED METER.
2. SINGLE SERVICE SEWER LATERALS FROM BUILDING TO THE PROPOSED 8" GRAVITY SEWER LINE SHALL BE 6" PVC.
3. ALL GRAVITY LINES AND FORCE MAINS SHALL BE PVC GREEN. PVC FM SHALL BE C900 DR18.
4. ALL NON-METALLIC PIPE WILL BE INSTALLED WITH 2 PAIR, 10 GAUGE, COPPER TRACER WIRE.
5. ALL ELEVATIONS REFERENCE THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
6. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ENGINEER AS-BUILT LOCATIONS OFF ALL INSTALLED UTILITIES. AS-BUILT'S SHALL BE PERFORMED BY SURVEY AND TIED TO CURRENT DRAWINGS.

SS-1 CLEAN-OUT
CAP EL = MATCH EX. GRD
INV EL = MATCH EX. PIPE INV (6")

SS-2 CLEAN-OUT
CAP EL = 50.3
INV EL = 47.5 (6")



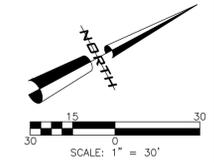
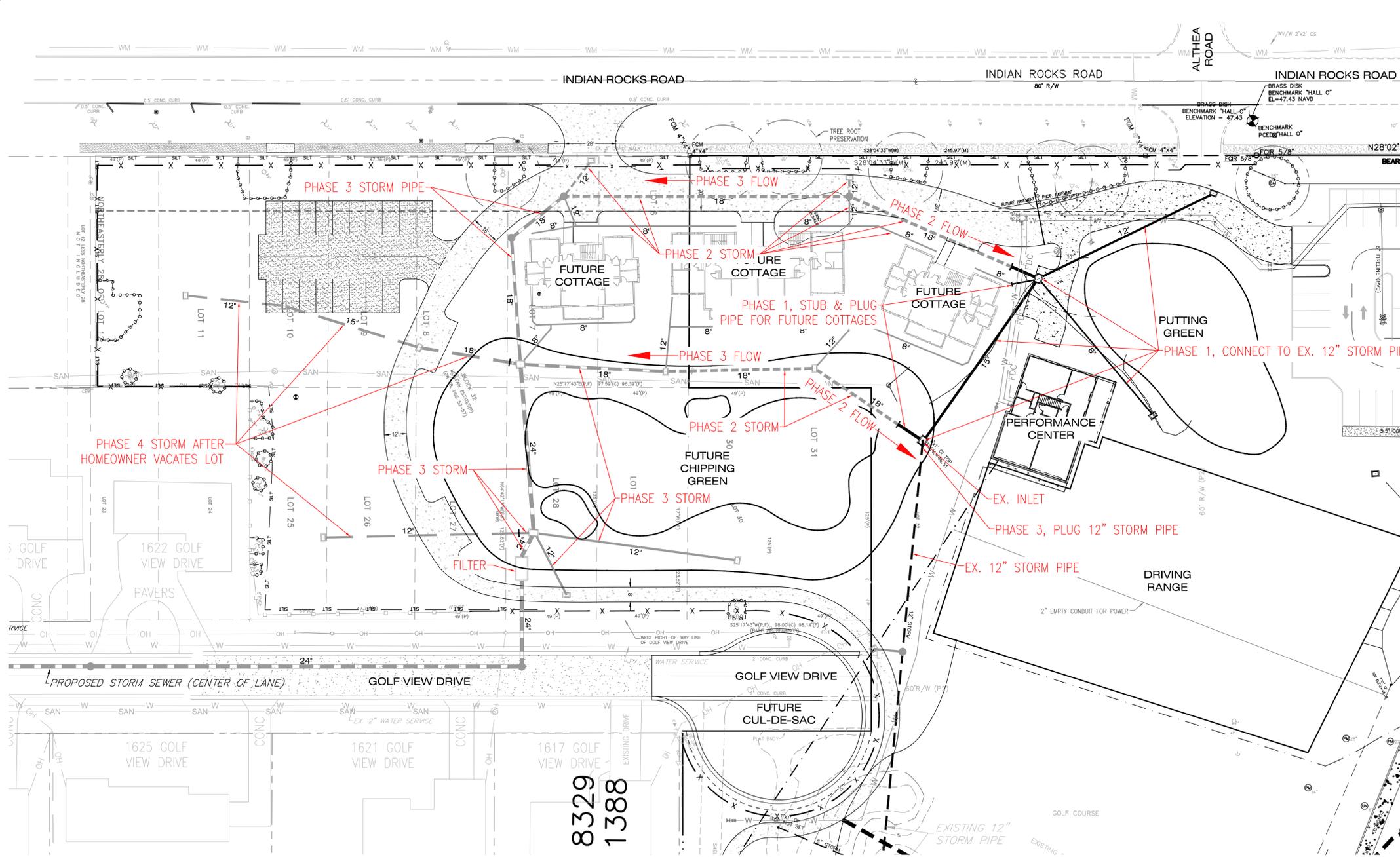
NO.	DATE	DESCRIPTION
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2	7-8-2019	ISSUE FOR PERMITS AND RECORDS
3	7-8-2019	ISSUE FOR PERMITS AND RECORDS
4	7-8-2019	ISSUE FOR PERMITS AND RECORDS
5	7-8-2019	ISSUE FOR PERMITS AND RECORDS

UTILITY PLAN

**PELICAN GOLF CLUB
"PERFORMANCE CENTER"**
HARRAD PROPERTIES, INC. - 550
WEST EXECUTIVE DRIVE -
TAMPA, FLORIDA 33609



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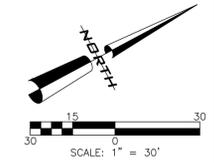
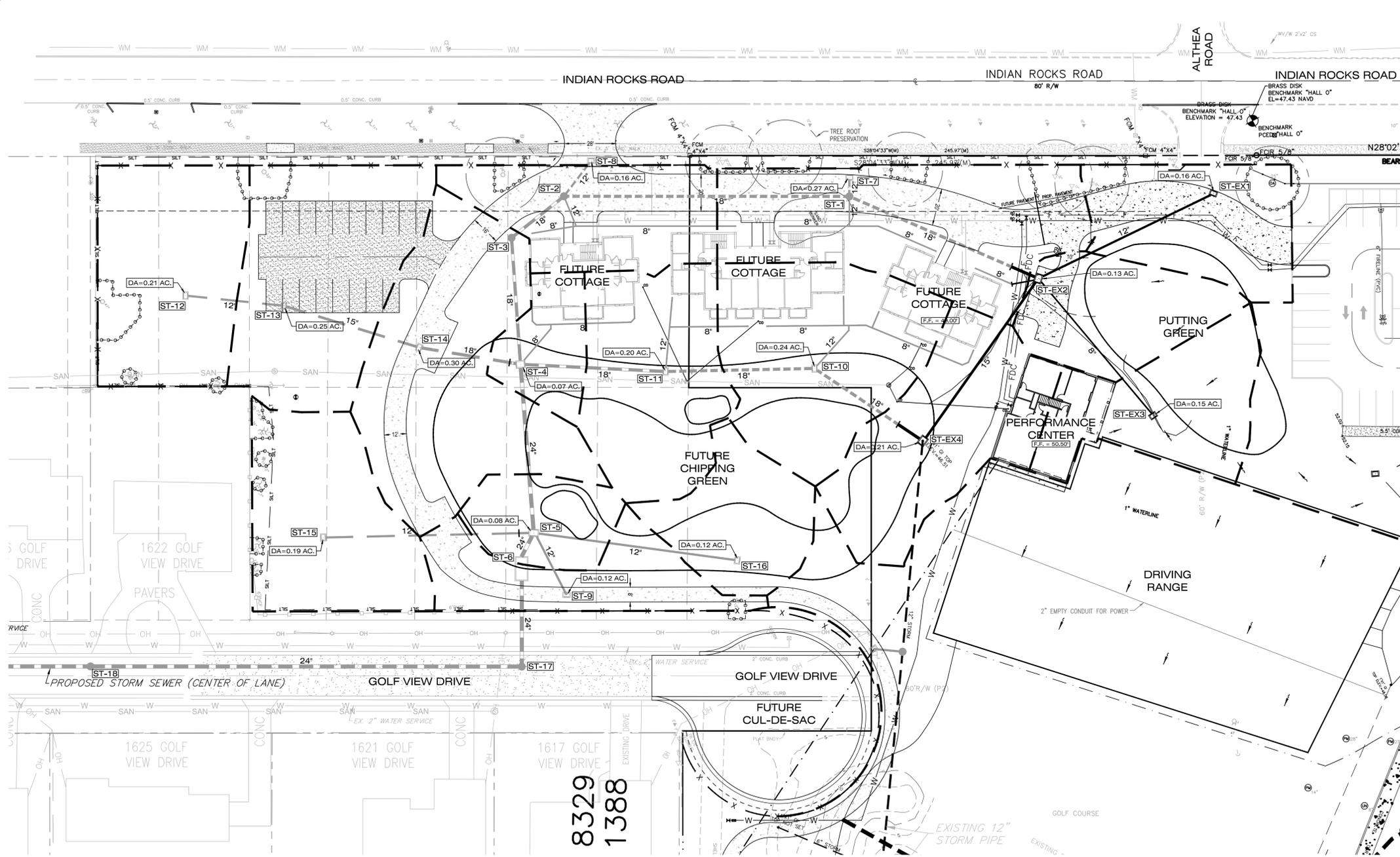
DRAWN BY: KNIGHT
 CHECKED BY: WEDDLE
 DATE: 8-2019
 PROJECT NO.: 18-174

DRAINAGE PHASING PLAN

PELICAN GOLF CLUB
"PERFORMANCE CENTER"
 HARROD PROPERTIES, INC. - 550
 5550 WEST EXECUTIVE DRIVE - 550
 TAMPA, FLORIDA 33609


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STORM STRUCTURES

- ST-EX1
TYPE C INLET
GRATE EL 47.40
INV EL 43.8 (12") S
- ST-EX2
TYPE D INLET
GRATE EL 48.50
INV EL 43.3 (12") N
INV EL 44.1 (8") E
INV EL 43.6 (8") S "ROOF"
INV EL 43.1 (15") SE
INV EL 42.8 (18") SW
- ST-EX3
TYPE C INLET
GRATE EL 48.30
INV EL 44.6 (8") W
- ST-EX4
TYPE D INLET
GRATE EL 47.00
INV EL 42.9 (15") NW
INV EL XX.X (12") SE (EX.)
INV EL 42.2 (18") SW
* 12" TO BE PLUGGED
- ST-1
TYPE P MANHOLE
RIM EL 46.80
INV EL 43.0 (12") NW
INV EL 43.0 (12") SE "ROOF"
INV EL 42.5 (18") NE
INV EL 42.5 (18") SW
- ST-2
TYPE P MANHOLE
RIM EL 47.00
INV EL 42.5 (12") NW
INV EL 42.5 (12") E "ROOF"
INV EL 42.0 (18") NE
INV EL 42.0 (18") SE
- ST-3
TYPE P MANHOLE
RIM EL 48.3
INV EL 41.9 (18") NW
INV EL 41.9 (18") E
- ST-4
TYPE D INLET
GRATE EL 46.50
INV EL 42.5 (8") NW "ROOF"
INV EL 41.7 (18") W
INV EL 41.7 (18") E
INV EL 41.7 (18") SW
INV EL 41.1 (24") E
- ST-5
TYPE E INLET
GRATE EL 45.00
INV EL 42.0 (12") NE
INV EL 42.0 (12") E
INV EL 42.0 (12") SW
INV EL 41.0 (24") W
INV EL 41.0 (24") SE
- ST-6
NUTRIENT SEPARATING
BAFFLE BOX
(SEE DETAIL SHEET)
- ST-7
TYPE C INLET
GRATE EL 46.50
INV EL 43.0 (12") SE
- ST-8
TYPE C INLET
GRATE EL 46.50
INV EL 42.6 (12") SE
- ST-9
TYPE C INLET
GRATE EL 44.50
INV EL 42.2 (12") W
- ST-10
TYPE C INLET
GRATE EL 46.00
INV EL 42.5 (12") NW "ROOF"
INV EL 42.0 (18") NE
INV EL 42.0 (18") SW
- ST-11
TYPE C INLET
GRATE EL 46.00
INV EL 42.3 (12") NW "ROOF"
INV EL 41.8 (18") NE
INV EL 41.8 (18") SW
- ST-12
TYPE C INLET
GRATE EL 45.60
INV EL 42.7 (12") NE
- ST-13
TYPE C INLET
GRATE EL 45.60
INV EL 42.3 (12") SW
INV EL 42.2 (15") NE
- ST-14
TYPE C INLET
GRATE EL 45.00
INV EL 42.0 (15") SW
INV EL 41.8 (18") NE
- ST-15
TYPE C INLET
GRATE EL 45.00
INV EL 42.5 (12") SW
- ST-16
TYPE C INLET
GRATE EL 45.50
INV EL 42.5 (12") SW
- ST-17 **
TYPE P MANHOLE
RIM EL 45.3
INV EL 40.4 (18") NE
INV EL 40.4 (18") SW
- ST-18 **
TYPE P MANHOLE
RIM EL 44.85
INV EL 40.0 (18") NE
INV EL 40.0 (18") SW
- ST-19 **
TYPE P MANHOLE
RIM EL 44.4
INV EL 39.7 (18") NE
INV EL 39.7 (18") SE

** STRUCTURE DATA TO BE VERIFIED AFTER SURVEY DATA IS RECEIVED.

NO.	DATE	DESCRIPTION
1	7/8/2019	ISSUED FOR PERMITS
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MASTER DRAINAGE PLAN

**PELICAN GOLF CLUB
"PERFORMANCE CENTER"**

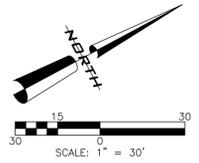
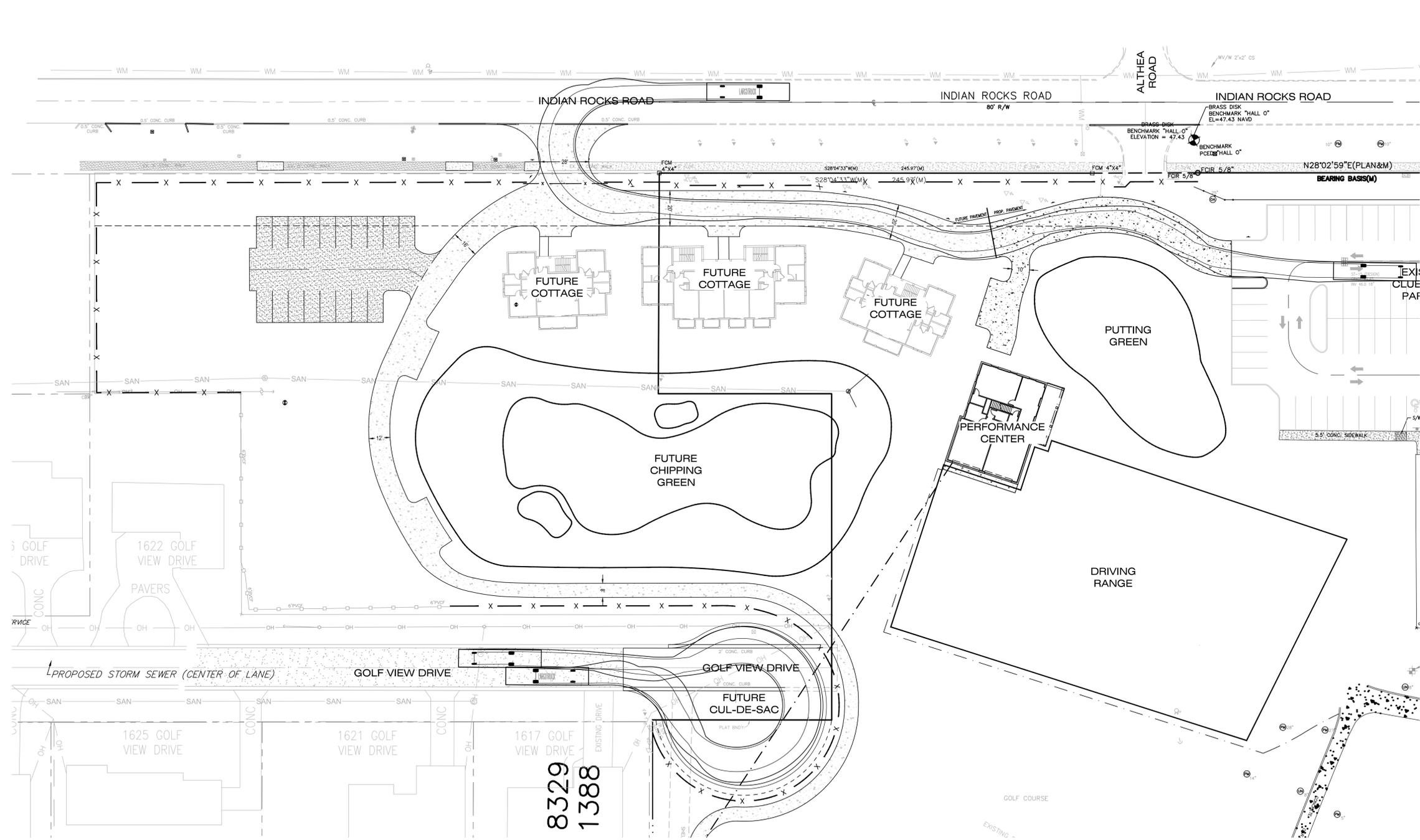
HARRAD PROPERTIES, INC. - 550
5550 WEST EXECUTIVE DRIVE - 550
TAMPA, FLORIDA 33609

AUTORORA
CIVIL ENGINEERING, INC.

610 E. Morgan Street
Brandon, FL 33510 (813)843-9907

CHIEF ENGINEER: CHRIS WEDDLE
REGISTERED PROFESSIONAL ENGINEER
FLORIDA LICENSE NO. 18174

DRAFT



NO.	DATE	DESCRIPTION
1	8-2019	ISSUED FOR PERMITS
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DRAWN BY: KNIIGHT
 CHECKED BY: WEDDLE
 APPROVED BY: CHRIS WEDDLE
 DATE: 8-2019
 JOB NO.: 18-174

VEHICLE TRACKING

PELICAN GOLF CLUB "PERFORMANCE CENTER"
 HARRAD PROPERTIES, INC. - 550
 5550 WEST EXECUTIVE DRIVE - 550
 TAMPA, FLORIDA 33609

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CERTIFICATE OF REGISTRATION
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER
 CHRIS WEDDLE
 NO. 18000
 EXPIRES 12/31/2020