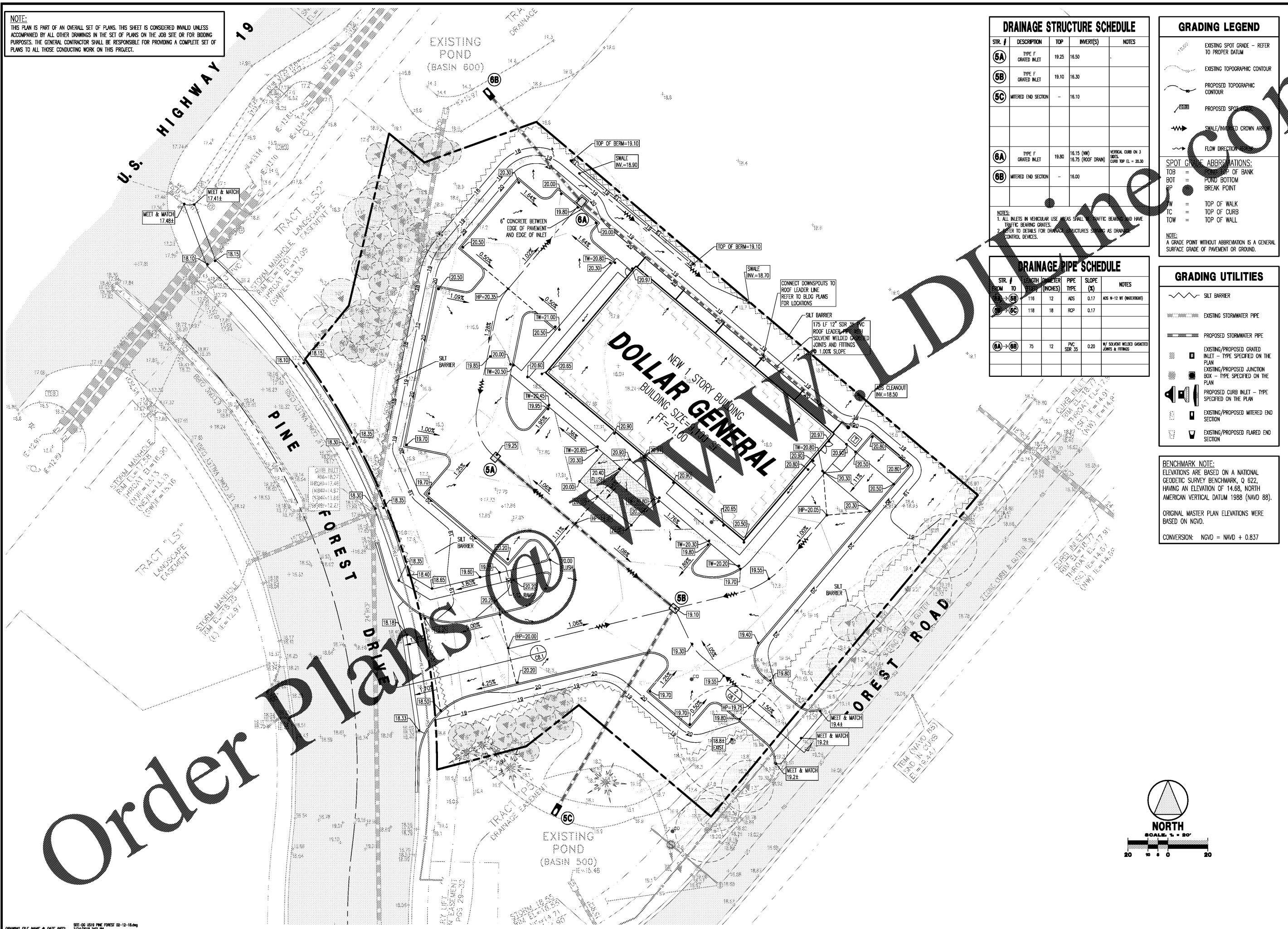


NOTE:
THIS PLAN IS PART OF AN OVERALL SET OF PLANS. THIS SHEET IS CONSIDERED INVALID UNLESS ACCOMPANIED BY ALL OTHER DRAWINGS IN THE SET OF PLANS ON THE JOB SITE OR FOR BIDDING PURPOSES. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A COMPLETE SET OF PLANS TO ALL THOSE CONDUCTING WORK ON THIS PROJECT.



DRAINAGE STRUCTURE SCHEDULE

STR. #	DESCRIPTION	TOP	INVERT(S)	NOTES
5A	TYPE F GRATED INLET	19.25	16.50	
5B	TYPE F GRATED INLET	19.10	16.30	
5C	MITERED END SECTION	-	16.10	
6A	TYPE F GRATED INLET	19.80	16.15 (NW) 16.75 (ROOF DRAIN)	VERTICAL CURB ON 3 SIDES CURB TOP EL. = 20.30
6B	MITERED END SECTION	-	16.00	

NOTES:
1. ALL INLETS IN VEHICULAR USE AREAS SHALL BE TRAFFIC BEARING AND HAVE TRAFFIC BEARING GRATES.
2. REFER TO DETAILS FOR DRAINAGE STRUCTURES SHOWING AS DRAINAGE CONTROL DEVICES.

DRAINAGE PIPE SCHEDULE

STR. # FROM TO	LENGTH (FEET)	DIAMETER (INCHES)	PIPE TYPE	SLOPE (%)	NOTES
5A → 5B	118	12	ADS	0.17	ADS N-12 W/ (WATERWALL)
5B → 5C	118	18	RCP	0.17	
6A → 6B	75	12	PVC SDR 35	0.20	W/ SOLVENT WELDED GROKED JOINTS & FITTINGS

GRADING LEGEND

- EXISTING SPOT GRADE - REFER TO PROPER DATUM
- EXISTING TOPOGRAPHIC CONTOUR
- PROPOSED TOPOGRAPHIC CONTOUR
- PROPOSED SPOT GRADE
- SWALE/INVERTED CROWN AREA
- FLOW DIRECTION

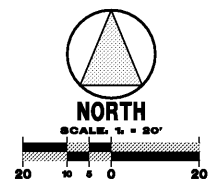
SPOT GRADE ABBREVIATIONS:
 TOB = TOP OF BANK
 BOT = POND BOTTOM
 BP = BREAK POINT
 TW = TOP OF WALK
 TC = TOP OF CURB
 TOW = TOP OF WALL

NOTE:
A GRADE POINT WITHOUT ABBREVIATION IS A GENERAL SURFACE GRADE OF PAVEMENT OR GROUND.

GRADING UTILITIES

- SILT BARRIER
- EXISTING STORMWATER PIPE
- PROPOSED STORMWATER PIPE
- EXISTING/PROPOSED GRATED INLET - TYPE SPECIFIED ON THE PLAN
- EXISTING/PROPOSED JUNCTION BOX - TYPE SPECIFIED ON THE PLAN
- PROPOSED CURB INLET - TYPE SPECIFIED ON THE PLAN
- EXISTING/PROPOSED MITERED END SECTION
- EXISTING/PROPOSED FLARED END SECTION

BENCHMARK NOTE:
ELEVATIONS ARE BASED ON A NATIONAL GEODETIC SURVEY BENCHMARK, Q 622, HAVING AN ELEVATION OF 14.68, NORTH AMERICAN VERTICAL DATUM 1988 (NAVD 88).
ORIGINAL MASTER PLAN ELEVATIONS WERE BASED ON NGVD.
CONVERSION: NGVD = NAVD + 0.837



NO.	DATE	BY	REVISIONS
1	10/21/17	AVF	PER HERNANDO COUNTY
2		AVF	
3		AVF	
4		AVF	

CADD Tech: AVF
 Designer: AVF
 Engineer: SAL
 Project No.:
 Scale:
 Date: 10/21/17

PALMETTO CAPITAL GROUP, INC.
 L.A. Civil, Inc.
 Certificate of Authorization # 00029995
 PO BOX 7649
 Clearwater, Florida 33758-7649
 Phone: 727-446-9000

DOLLAR GENERAL
 SEC US 19 AND PINE FOREST DRIVE
 HERNANDO COUNTY, FL

GRADING AND DRAINAGE PLAN

SHEET No.
C4.1