

DATUM NOTE: THE ELEVATIONS AS SHOWN, BASED ON THE FOOT BENCHMARK 7054003, EL. = 14.589, NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

LEGEND

XXXX	PROPOSED ELEVATION
XXXX EOP	PROPOSED EDGE OF PAVEMENT
XXXX LP	PROPOSED LOW POINT
XXXX HP	PROPOSED HIGH POINT
XXXX TW	PROPOSED TOP OF WALL
XXXX BW	PROPOSED BOTTOM OF WALL
XXXX MEG	MATCH EXISTING GRADE
---	PROPOSED STORMWATER RUNOFF FLOW DIRECTION
---	EXISTING 1" CONTOUR
X	PROPOSED 1" CONTOUR
---	EXISTING STORM PIPE
---	PROPOSED STORM PIPE
■	PROPOSED GRATE INLET
○	PROPOSED STORM MANHOLE
---	MITERED END SECTION
---	CONCRETE PAVEMENT SEE SHEET C7.0 FOR DETAIL

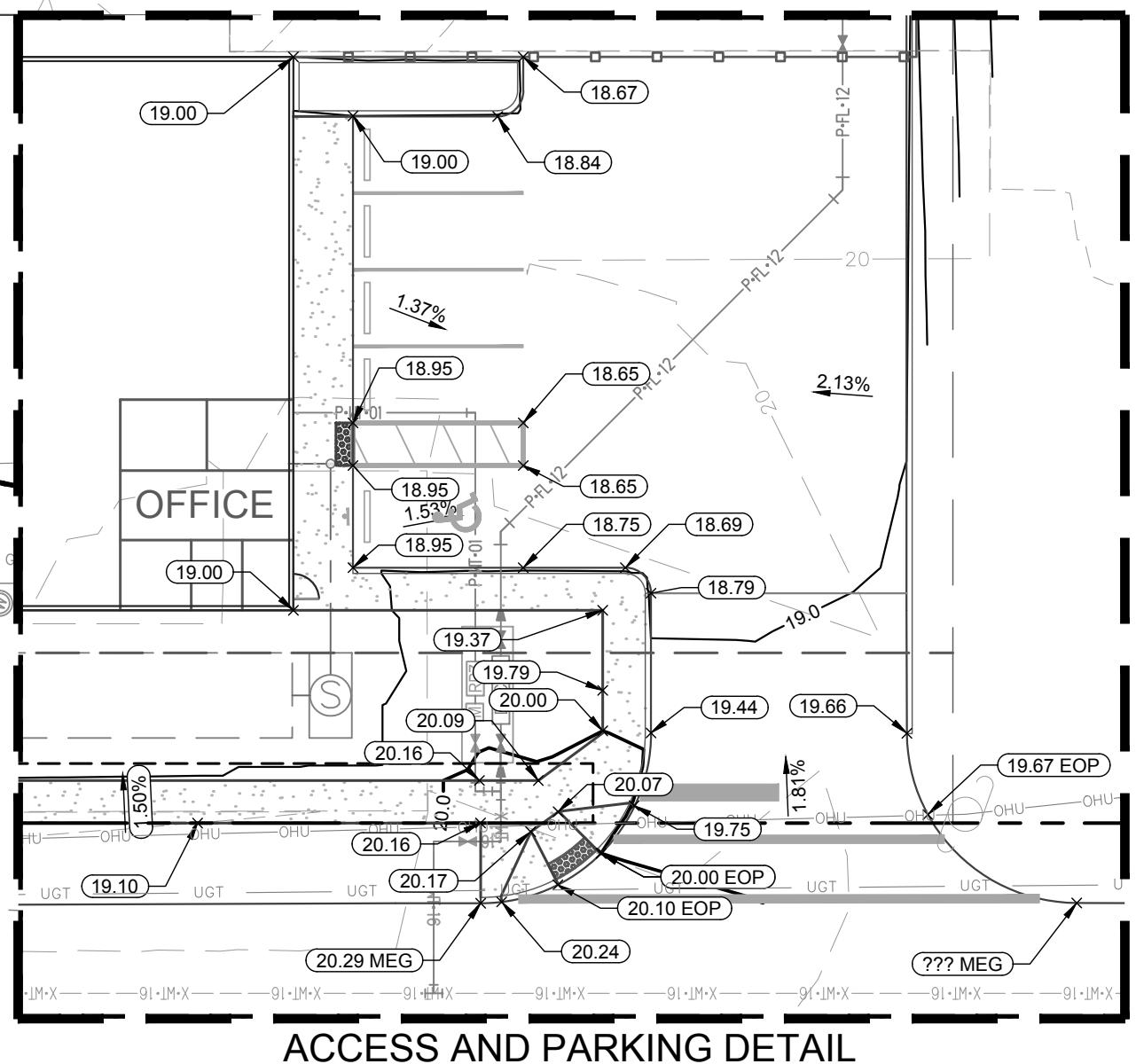
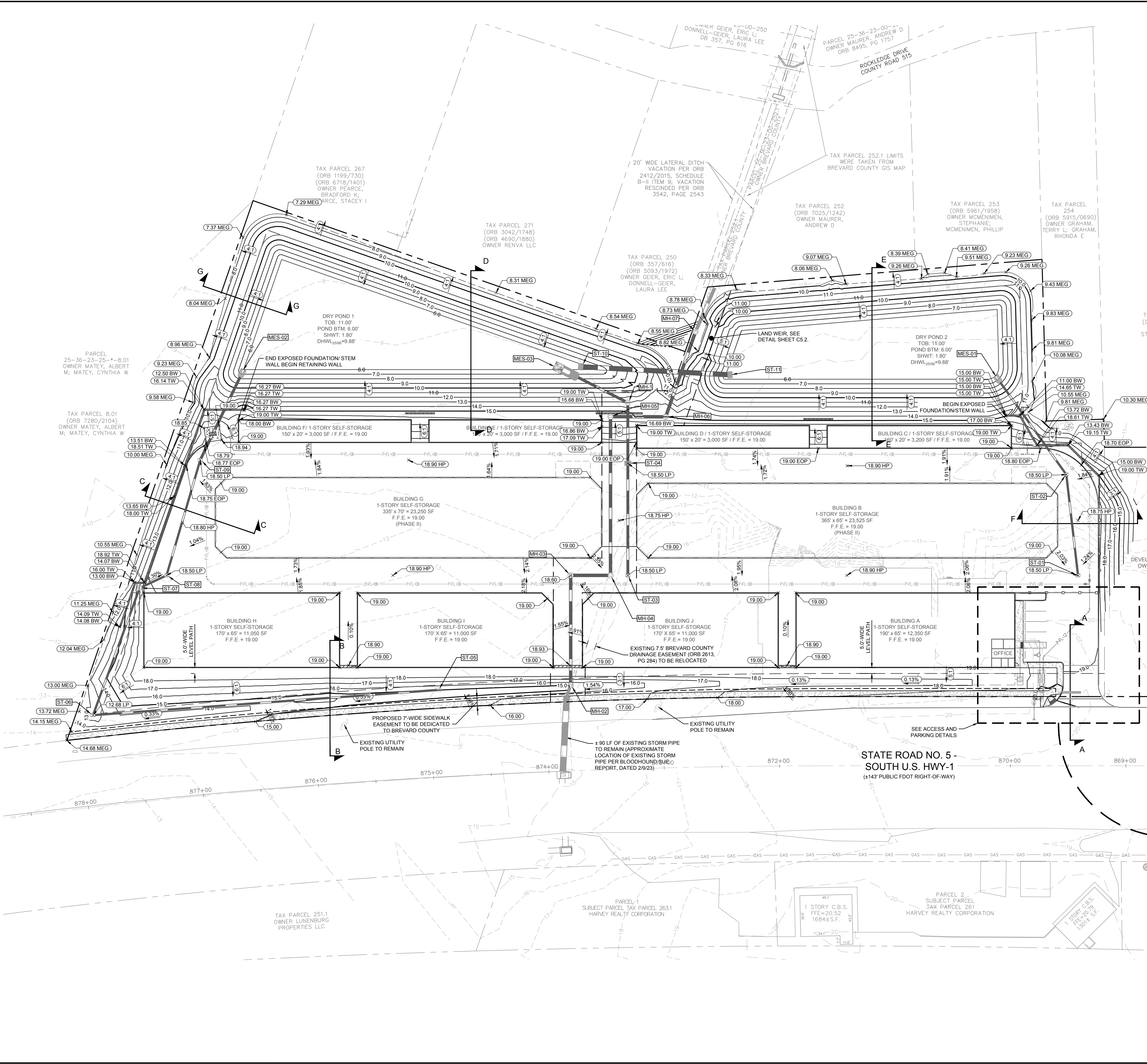
CUT / FILL CALCULATION

CUT PROVIDED	5,945 CY
FILL REQUIRED	52,700 CY
VOL. OF FILL HAULED TO SITE (BASED ON 20 CY TRUCK)	46,755 CY
NO. OF TRUCKS ANTICIPATED	2,338

DRAINAGE NOTES:

- CONTRACTOR SHALL UTILIZE DITCHES, PIPES AND/OR PUMPS AS NECESSARY TO MAINTAIN THE EXISTING DRAINAGE DURING ALL PHASES OF CONSTRUCTION. EXISTING DRAINAGE SHALL NOT BE BLOCKED OR ADVERSELY AFFECTED DURING CONSTRUCTION.
- THE DRAINAGE EASEMENT DEDICATION SHALL BE COMPLETED PRIOR TO RECEIVING A CERTIFICATE OF COMPLETION.
- THE PROPOSED DRAINAGE EASEMENT IS TO BE USED BY BREVARD COUNTY FOR DRAINAGE FLOW BUT MAINTAINED BY PROPERTY OWNER.

NOTE A: MANHOLES 2, 3, 4, 5, 6 AND 7 ARE PROPOSED TO RELOCATE STORM PIPE THROUGH THE EXISTING BREVARD COUNTY DRAINAGE EASEMENT ON SITE. THE CONTRACTOR WILL BE RESPONSIBLE TO VERIFY INVERT ELEVATIONS OF EXISTING PIPE AT LOCATIONS OF MH-2 AND MH-7 FOR REVIEW AND APPROVAL BY EOR PRIOR TO CONSTRUCTION. THE INVERT ELEVATIONS FOR INSTALLATION OF MANHOLES 2, 3, 4, 5, 6, AND 7 ARE BASED ON PIPE SIZE AND TOP OF PIPE ELEVATIONS, PROVIDED BY BLOODHOUND SURVEY REPORT DATED FEBRUARY 2023 AND FIELD SURVEY INFORMATION PROVIDED BY CAMPBELL SURVEY DATED MAY 2023. ALL INVERTS FOR PROPOSED STORM PIPE MUST BE REVIEWED AND APPROVED BY EOR PRIOR TO CONSTRUCTION. THE INSTALLED STORM PIPE FROM MH-2 TO MH-7 MUST MAINTAIN SLOPES PER PLAN AND AS-BUILTS WILL BE PROVIDED TO BREVARD COUNTY AFTER CONSTRUCTION.



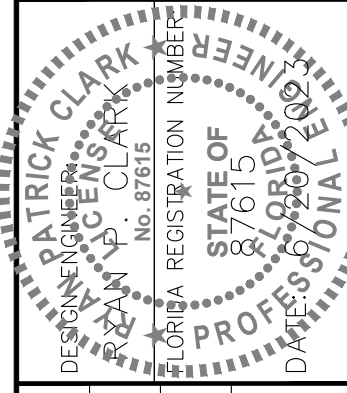
ACCESS AND PARKING DETAIL
1" = 20'



GROUNDWATER / DEWATERING NOTE:
 THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR THIS ISSUE. WHEN PERFORMING GRADING OPERATIONS DURING PERIODS OF WET WEATHER, PROVIDE ADEQUATE DEWATERING, DRAINAGE AND GROUND WATER MANAGEMENT TO CONTROL MOISTURE OF SOILS.

NO.	REVISIONS	DATE
1	BREVARD COUNTY REVIEW 3 COMMENTS	06/19/23 MAD
2	BREVARD COUNTY REVIEW 2 COMMENTS	04/19/23 MAD
3	BREVARD COUNTY REVIEW 1 COMMENTS	07/10/23 MAD

Kimley Horn
 201 NORTH FRANKLIN STREET, SUITE 1400, TAMPA, FL 33602
 PHONE: 813-620-1460
 WWW.KIMLEY-HORN.COM
 REGISTRY NO. 35106



SCALE	AS NOTED
DESIGNED BY	MAD
DRAWN BY	MAD
CHECKED BY	NOL

GRADING PLAN

STORSAFE STORAGE OF ROCKLEDGE
 BREVARD COUNTY FLORIDA

DATE	6/20/2023
PROJECT NO.	145016010
SHEET NUMBER	C5.0