



QUEENS LAKE DAM
DAM INVENTORY #199016
WILLIAMSBURG, VIRGINIA

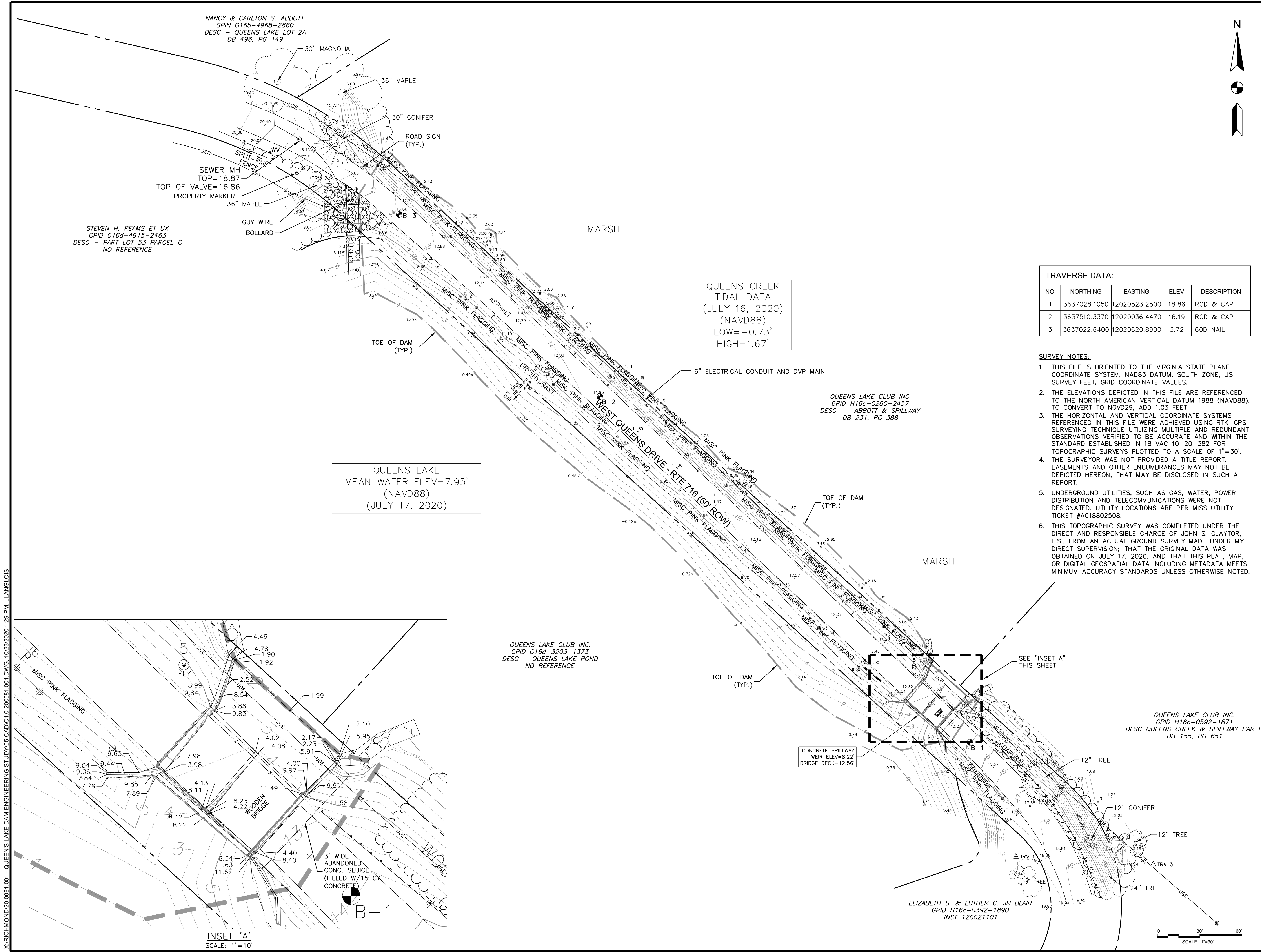
QUEENS LAKE COMMUNITY ASSOCIATION, INC.
234 EAST QUEENS DRIVE
WILLIAMSBURG, VA 23185
(757) 229-0973 / FAX (757) 229-2652

MARK	DATE	DESCRIPTION

PROJECT NO:	20-0081.001
SCALE:	1"=30'
DESIGNED BY:	DJR
DRAWN BY:	LAL
CHECKED BY:	DJR
SHEET TITLE	

EXISTING CONDITIONS PLAN

C1.0



QUEENS CREEK
TIDAL DATA
(JULY 16, 2020)
(NAVD88)
LOW = -0.73'
HIGH = 1.67'

QUEENS LAKE
MEAN WATER ELEV = 7.95'
(NAVD88)
(JULY 17, 2020)

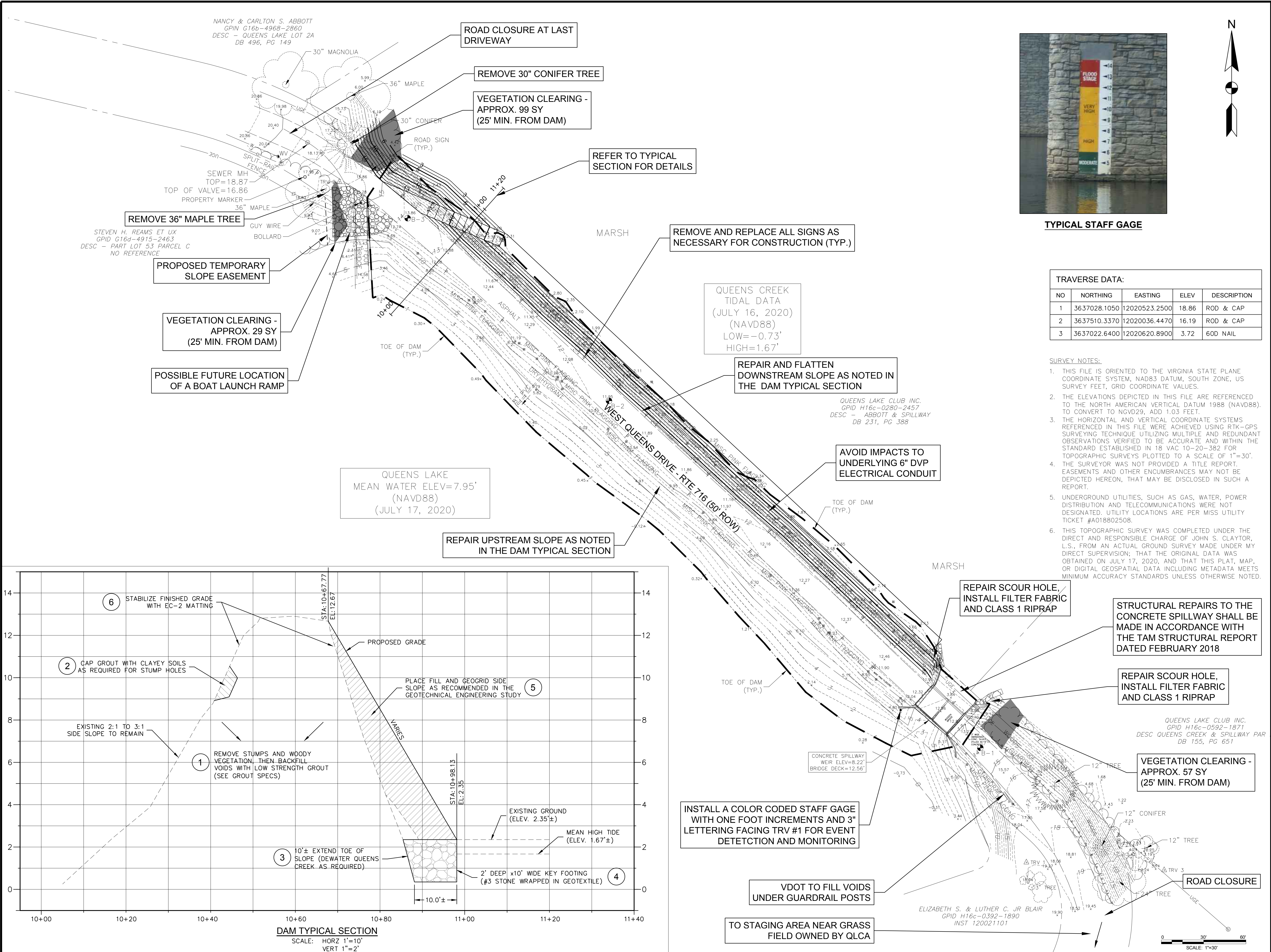
TRAVERSE DATA:

NO	NORTHING	EASTING	ELEV	DESCRIPTION
1	3637028.1050	12020523.2500	18.86	ROD & CAP
2	3637510.3370	12020036.4470	16.19	ROD & CAP
3	3637022.6400	12020620.8900	3.72	60D NAIL

- SURVEY NOTES:**
- THIS FILE IS ORIENTED TO THE VIRGINIA STATE PLANE COORDINATE SYSTEM, NAD83 DATUM, SOUTH ZONE, US SURVEY FEET, GRID COORDINATE VALUES.
 - THE ELEVATIONS DEPICTED IN THIS FILE ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM 1988 (NAVD88). TO CONVERT TO NGVD29, ADD 1.03 FEET.
 - THE HORIZONTAL AND VERTICAL COORDINATE SYSTEMS REFERENCED IN THIS FILE WERE ACHIEVED USING RTK-GPS SURVEYING TECHNIQUE UTILIZING MULTIPLE AND REDUNDANT OBSERVATIONS VERIFIED TO BE ACCURATE AND WITHIN THE STANDARD ESTABLISHED IN 18 VAC 10-20-382 FOR TOPOGRAPHIC SURVEYS PLOTTED TO A SCALE OF 1"=30'.
 - THE SURVEYOR WAS NOT PROVIDED A TITLE REPORT. EASEMENTS AND OTHER ENCUMBRANCES MAY NOT BE DEPICTED HEREON, THAT MAY BE DISCLOSED IN SUCH A REPORT.
 - UNDERGROUND UTILITIES, SUCH AS GAS, WATER, POWER DISTRIBUTION AND TELECOMMUNICATIONS WERE NOT DESIGNATED. UTILITY LOCATIONS ARE PER MISS UTILITY TICKET #A018802508.
 - THIS TOPOGRAPHIC SURVEY WAS COMPLETED UNDER THE DIRECT AND RESPONSIBLE CHARGE OF JOHN S. CLAYTOR, L.S., FROM AN ACTUAL GROUND SURVEY MADE UNDER MY DIRECT SUPERVISION; THAT THE ORIGINAL DATA WAS OBTAINED ON JULY 17, 2020, AND THAT THIS PLAT, MAP, OR DIGITAL GEOSPATIAL DATA INCLUDING METADATA MEETS MINIMUM ACCURACY STANDARDS UNLESS OTHERWISE NOTED.

X:\RICHMOND\20-0081.001 - QUEENS LAKE DAM ENGINEERING STUDY\05-CAD\C1.0\200081.001.DWG, 10/23/2020 1:28 PM, LLANGLOIS

X:\RICHMOND\20-0081.001 - QUEENS LAKE DAM ENGINEERING STUDY\05-CAD\C2.0\200081.001.DWG, 10/23/2020 1:30 PM, LLANGLOIS



TYPICAL STAFF GAGE

TRAVERSE DATA:

NO	NORTHING	EASTING	ELEV	DESCRIPTION
1	3637028.1050	12020523.2500	18.86	ROD & CAP
2	3637510.3370	12020036.4470	16.19	ROD & CAP
3	3637022.6400	12020620.8900	3.72	60D NAIL

SURVEY NOTES:

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A. MORTON THOMAS AND ASSOCIATES, INC.
CONSULTING ENGINEERS
100 GATEWAY CENTRE PARKWAY, SUITE 200
RICHMOND, VA 23235
PHONE (804) 276-6231
EMAIL: AMT1@AMTENGINEERING.COM



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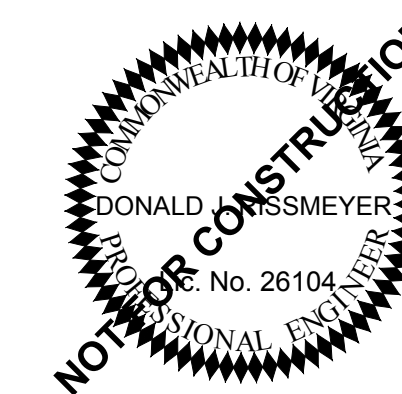
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CHECKED BY:	DJR
SHEET TITLE	

CONCEPTUAL
IMPROVEMENT PLAN

C2.0

AMT

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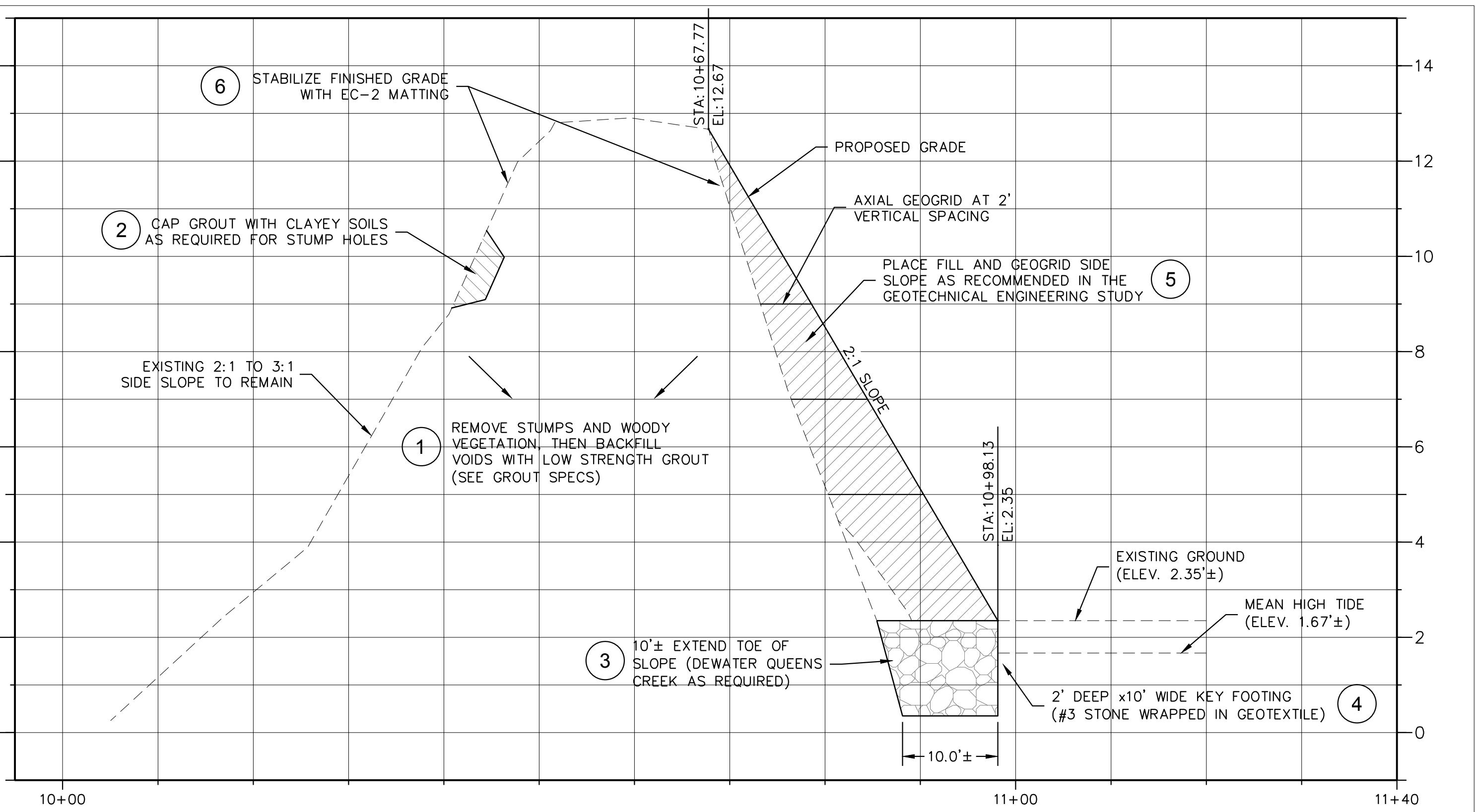
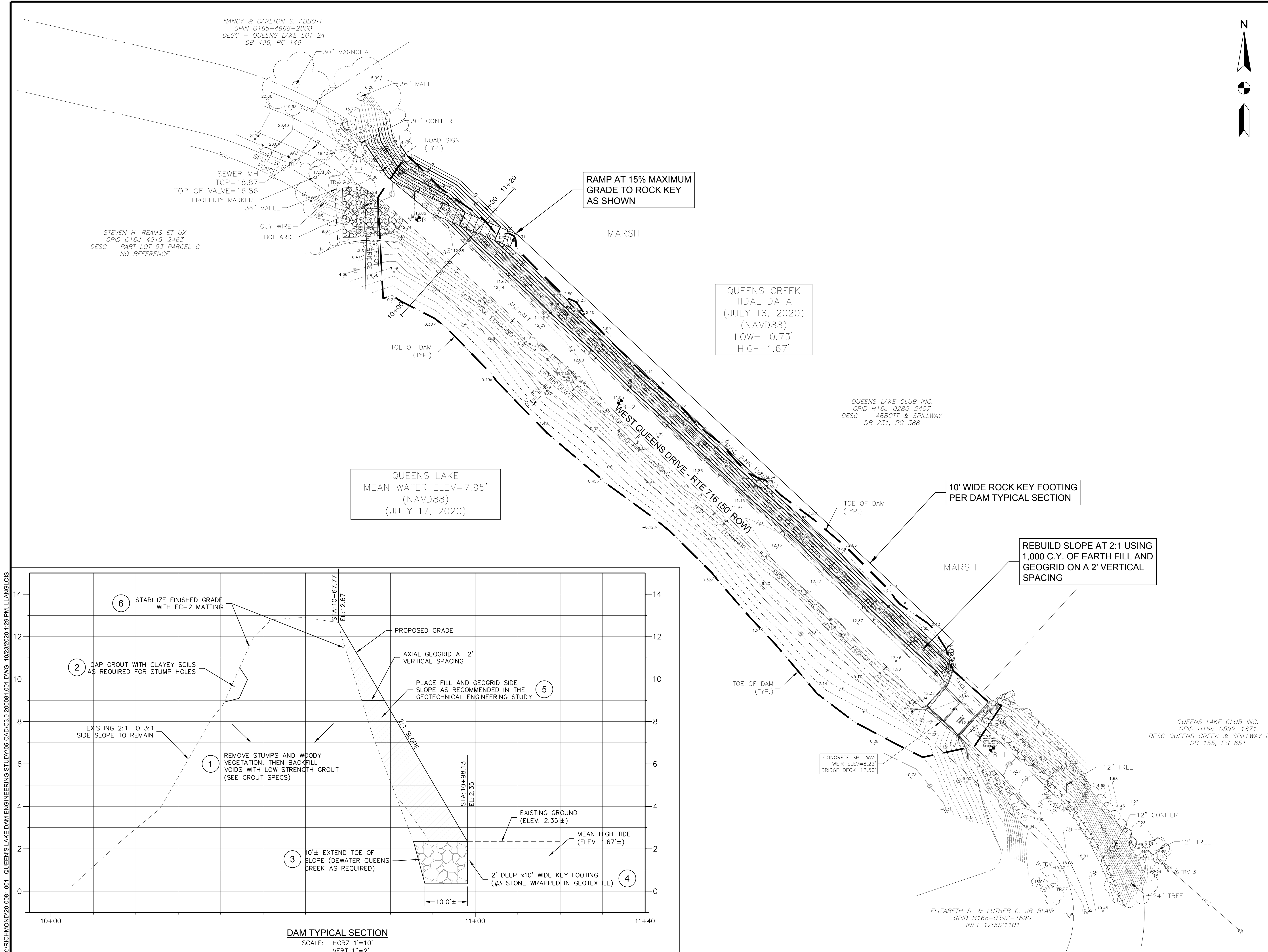
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SHEET TITLE

CONCEPTUAL GRADING PLAN

C3.0

SHEET 3 OF 3



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