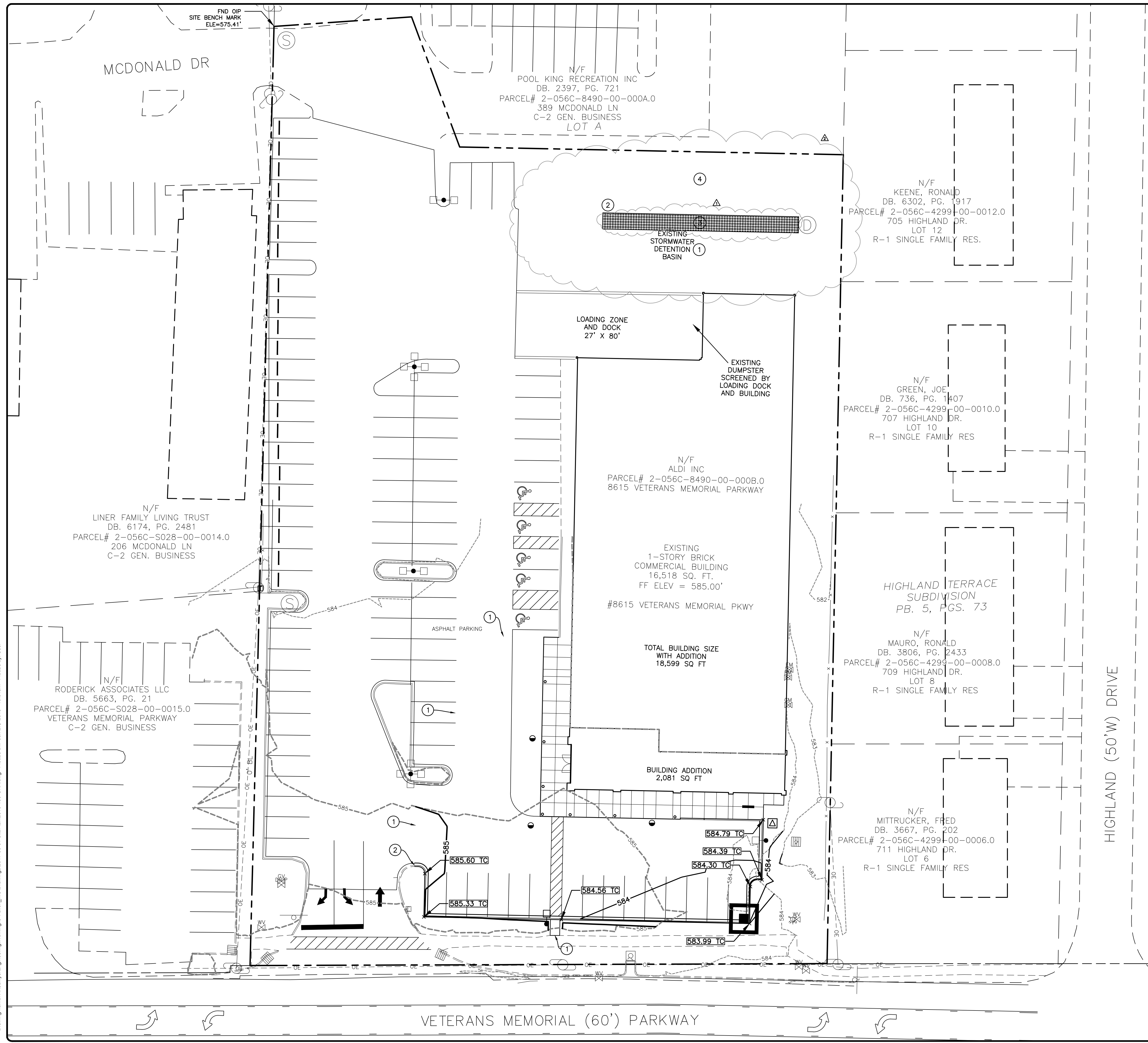


Drawing name: X:\Sawyer\Engineering\Working\O'Fallon, MO\Drawings\2017-06-07_SitePlan\2016-130-GRA.dwg Plotted on: Jun 27, 2018 - 10:31am Plotted by: User



KEYED NOTES:

- ① MATCH EXISTING GRADE.
- ② MAINTAIN EXISTING GUTTER FLOWLINE GRADE.
- ③ PROPOSED SAND FILTER, SEE DETAIL.
- ④ PROPOSED BASIN IMPROVEMENTS, SEE DETAIL.

NOTES:

SEE SHEET C001 FOR SYMBOLOGY LEGEND.

GRADES AS SHOWN REPRESENT THE FINAL SURFACE ELEVATION. PAVEMENT THICKNESS SHOULD BE CONSIDERED FOR GRADING TO SUB-GRADE.

ALL FILL PLACED UNDER PROPOSED STORM AND SANITARY SEWER, PROPOSED ROADS, AND/OR PAVED AREAS SHALL BE COMPACTED TO 90% OF THE MAXIMUM DENSITY AS DETERMINED BY THE MODIFIED AASHTO T-180 COMPACTION TEST OR 95% OF MAXIMUM DENSITY AS DETERMINED BY THE STANDARD PROCTOR TEST AASHTO T99. ALL FILL PLACED IN PROPOSED ROADS SHALL BE COMPACTED FROM THE BOTTOM OF THE FILL UP. ALL TESTS SHALL BE VERIFIED BY A SOILS ENGINEER CONCURRENT WITH GRADING AND BACKFILLING OPERATIONS.

THE MOISTURE CONTENT OF THE SOIL IN FILL AREAS IS TO CORRESPOND TO THE COMPACTIVE EFFORT AS DEFINED BY THE STANDARD OR MODIFIED PROCTOR TEST. OPTIMUM MOISTURE CONTENT SHALL BE DETERMINED USING THE SAME TEST THAT WAS USED FOR COMPACTION.

CONTOURS ARE NAVD 88 VERTICAL DATUM.

LEGEND:

- X — SILT FENCE, SEE DETAIL.
- PROPOSED INLET WITH INLET PROTECTION, SEE DETAIL.
- 000.00 TW — TOP OF WALL ELEVATION
- 000.00 BW — BOTTOM OF WALL ELEVATION
- 000.00 TC — TOP OF CURB ELEVATION
- 000.00 TP — TOP OF PAVEMENT ELEVATION

STORMWATER DETENTION BASIN

- △ REMOVE EXISTING TRASH AND DEBRIS FROM THE BASIN. CHECK THAT PIPES ARE NOT OBSTRUCTED.
- REMOVE WEEDS AND GRASS FROM THE BASIN UP TO THE TOP OF BERM.
- INSTALL SAND FILTER, SEE DETAIL.
- PERFORM ALL WORK DURING A PERIOD WHERE NO RAIN IS FORECAST.
- INSTALL EROSION CONTROL MEASURES AT BASIN OUTLET SO NO SOIL LEAVES THE BASIN DURING WORK.

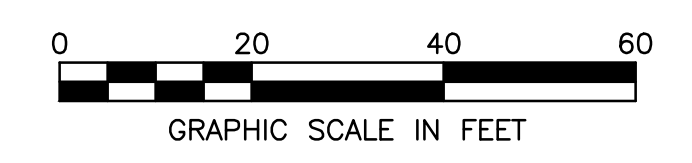
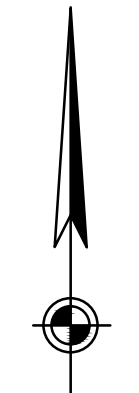
KEYED NOTES:

- ① STORMWATER DETENTION BASIN UPGRADES, SEE NOTE ABOVE.
- ② BIO SWALE, INSTALL LENGTH OF REMOVED CONCRETE SWALE, SEE DETAIL.

APPROVED

Jamie Shavelle 07/05/2018

N



ISSUE	REMARKS/DATE
REVISION 9/5/11(2018)	
REVISION 10/6/20(2018)	

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Date: 6/27/2018
 John P. Sawyer, PE
 License No. E-2001031672
 Civil Engineer

Job Number: 2016-130
 Date: 6/27/2018
 Designed: SWU Sheet
 Drawn: SWU **C300**
 Checked: JPS

