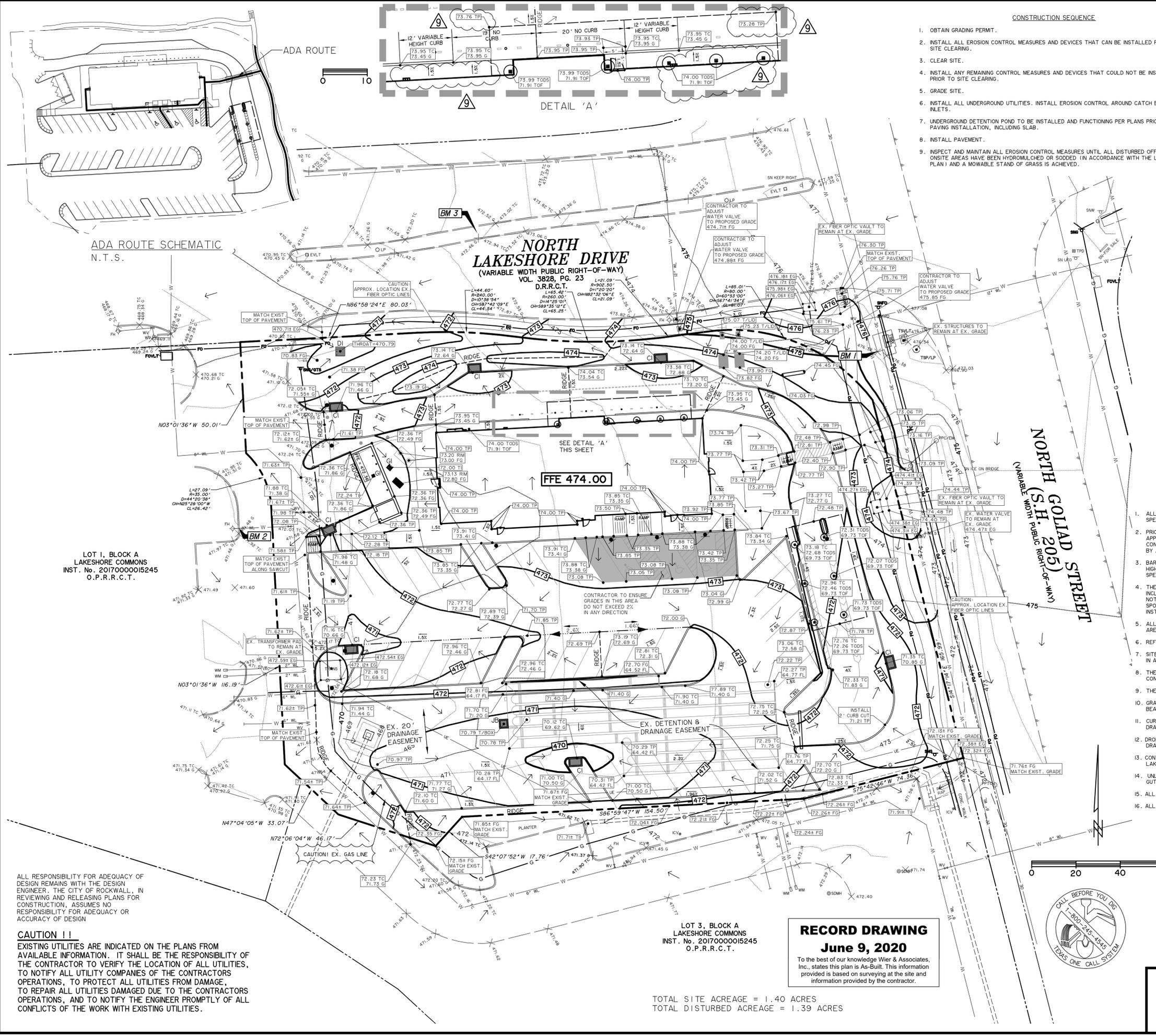


PRINTED: 3/24/2020 5TB FILE: WIER-GRADING-STB LAST SAVED: 3/24/2020 11:52 AM SAVED BY: RILEY.C FILE: C-6 GRADING PLAN 17144.DWG



CONSTRUCTION SEQUENCE

- 1. OBTAIN GRADING PERMIT.
2. INSTALL ALL EROSION CONTROL MEASURES AND DEVICES THAT CAN BE INSTALLED PRIOR TO SITE CLEARING.
3. CLEAR SITE.
4. INSTALL ANY REMAINING CONTROL MEASURES AND DEVICES THAT COULD NOT BE INSTALLED PRIOR TO SITE CLEARING.
5. GRADE SITE.
6. INSTALL ALL UNDERGROUND UTILITIES. INSTALL EROSION CONTROL AROUND CATCH BASINS AND INLETS.
7. UNDERGROUND DETENTION POND TO BE INSTALLED AND FUNCTIONING PER PLANS PRIOR TO ANY PAVING INSTALLATION, INCLUDING SLAB.
8. INSTALL PAVEMENT.
9. INSPECT AND MAINTAIN ALL EROSION CONTROL MEASURES UNTIL ALL DISTURBED OFFSITE & ONSITE AREAS HAVE BEEN HYDROMULCHED OR SODED (IN ACCORDANCE WITH THE LANDSCAPE PLAN) AND A MOWABLE STAND OF GRASS IS ACHIEVED.

LEGEND

- 560 EXIST. CONTOUR
560 PROP. CONTOUR
560 OMIT
ACCESSIBLE SPACE
PROP. SPOT ELEV.
PROP. TOP OF CURB & GUTTER ELEVATION
PROP. TOP OF WALL & BOTTOM ELEVATION
PROP. FINISHED GRADE ELEVATION
PROP. TOP OF INLET ELEVATION
PROP. TOP OF PAVEMENT ELEVATION
PROP. TOP OF DRIVE SLAB ELEVATION
PROP. TOP OF FOOTING OF CANOPY COLUMN (24' BELOW LOWEST PVMT AT CANOPY)
EXISTING GRADE ELEVATION
FLOW LINE ELEVATION OF UNDERGROUND DETENTION POND
TOP OF METER/VAULT LID
PROP. GRATE INLET
PROP. CURB INLET
PROP. DROP INLET
PROP. JUNCTION BOX
FLOW ARROW
PROPOSED SWALE
PROPOSED RIDGE
HANDICAP ACCESSIBLE ROUTE PER TEXAS ACCESSIBILITY STANDARDS

CAUTION !! EXISTING UTILITIES ARE INDICATED ON THE PLANS FROM AVAILABLE INFORMATION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATION OF ALL UTILITIES, TO NOTIFY ALL UTILITY COMPANIES OF THE CONTRACTORS OPERATIONS, TO PROTECT ALL UTILITIES FROM DAMAGE, TO REPAIR ALL UTILITIES DAMAGED DUE TO THE CONTRACTORS OPERATIONS, AND TO NOTIFY THE ENGINEER PROMPTLY OF ALL CONFLICTS OF THE WORK WITH EXISTING UTILITIES.

GRADING NOTES

- 1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THESE PLANS AND CITY STANDARDS AND SPECIFICATIONS.
2. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL MAKE CERTAIN THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED ALL PLANS AND OTHER DOCUMENTS APPROVED BY ALL OF THE PERMITTING AUTHORITIES.
3. BARRICADING, TRAFFIC CONTROL, AND PROJECT SIGN SHALL CONFORM TO 'STATE DEPARTMENT OF HIGHWAYS AND PUBLIC TRANSPORTATION BARRICADING AND CONSTRUCTION STANDARDS' AND CITY SPECIFICATIONS.
4. THE CONTRACTOR SHALL VERIFY THE SUITABILITY OF ALL EXISTING AND PROPOSED SITE CONDITIONS INCLUDING GRADES BEFORE COMMENCEMENT OF CONSTRUCTION. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES. MINOR ADJUSTMENT TO FINISH GRADE TO ACCOMPLISH SPOT DRAINAGE IS ACCEPTABLE. IF NECESSARY, UPON PRIOR APPROVAL OF THE ENGINEER. PAVING INSTALLED SHALL 'FLUSH OUT' AT ANY JUNCTURE WITH EXISTING PAVING.
5. ALL PROPOSED CONTOURS ARE APPROXIMATE. PROPOSED SPOT ELEVATIONS AND DESIGNATED GRADIENT ARE TO BE USED IN THE EVENT OF ANY DISCREPANCIES.
6. REFER TO SITE PLAN FOR HORIZONTAL DIMENSIONS.
7. SITE PREPARATION AND GRADING, FOUNDATION EXCAVATION AND FILL COMPACTION SHALL BE PERFORMED IN ACCORDANCE WITH THE GEOTECHNICAL INVESTIGATION REPORT.
8. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES DURING THE CONSTRUCTION OF THIS PROJECT AND MUST ADJUST ALL EXISTING UTILITIES TO FINAL GRADE.
9. THE CONTRACTOR SHALL VERIFY ALL EXISTING INVERTS AND RIM ELEVATIONS PRIOR TO CONSTRUCTION.
10. GRATE INLETS TO BE PRECAST, SINGLE GRATE INLET MANUFACTURED BY OLD CASTLE WITH TRAFFIC BEARING GRATE, OR APPROVED EQUAL.
11. CURB INLETS SHALL MEET CITY OF ROCKWALL AMENDMENTS TO NCTCOG STANDARD CONSTRUCTION DRAWING No. 6020A.
12. DROP INLETS SHALL MEET CITY OF ROCKWALL AMENDMENTS TO NCTCOG STANDARD CONSTRUCTION DRAWING No. 6040.
13. CONTRACTOR TO ENSURE GRADES IN ACCESSIBLE ROUTE, INCLUDING ALL SIDEWALK ALONG NORTH LAKESHORE AND SH 205, DO NOT EXCEED 5% IN THE RUN DIRECTION W/A 2% CROSS SLOPE.
14. UNLESS OTHERWISE NOTED, ALL PARKING LOT GRADES ARE TO GUTTER OR INVERT. ADD 0.5' TO GUTTER GRADE FOR TOP OF CURB GRADE.
15. ALL FILL TO BE COMPACTED TO 95% STANDARD PROCTOR DENSITY, USING A SHEEP'S FOOT ROLLER.
16. ALL RIGHT OF WAYS TO BE SODED.

VERTICAL DATUM NOTE: REFERENCE DATUM = NORTH AMERICAN VERTICAL DATUM (NAVD) 88 UTILIZING THE RTK NETWORK ADMINSTRATED BY WESTERN DATA SYSTEMS.
SITE BENCHMARK NO. 1: 1 AN 'X' CUT ON THE SOUTHWEST CORNER OF THE CONCRETE PAD OF TRAFFIC SIGNAL LOCATED AT THE SOUTHWEST CORNER OF N LAKESHORE DR AND N GOLAD ST. 4'-4" SOUTHWEST OF THE SOUTHWEST CORNER OF THE TRAFFIC SIGNAL BOX. 16' +/- SOUTH OF A FIBER OPTIC PEDESTAL, AND 17' +/- WEST OF THE TRAFFIC SIGNAL POLE.
ELEVATION = 476.04'
SITE BENCHMARK NO. 2: AN 'X' CUT IN CONCRETE BACK OF CURB WEST SIDE OF ACCESS DRIVE WEST OF LOT 2, LAKESHORE COMMONS, +/- EAST OF FIRE HYDRANT AND +/- SOUTHWEST OF SANITARY SEWER MAIN HOLE.
ELEVATION = 471.87'
SITE BENCHMARK NO. 3: AN 'X' CUT IN PAVERS BRICK MEDIAN OF NORTH LAKESHORE DRIVE +/- DIRECTLY EAST OF A LIGHT POLE +/- WEST OF INTERSECTION WITH NORTH GOLAD STREET.
ELEVATION = 472.88'

ALL RESPONSIBILITY FOR ADEQUACY OF DESIGN REMAINS WITH THE DESIGN ENGINEER. THE CITY OF ROCKWALL, IN REVIEWING AND RELEASING PLANS FOR CONSTRUCTION, ASSUMES NO RESPONSIBILITY FOR ADEQUACY OR ACCURACY OF DESIGN.
CAUTION !! EXISTING UTILITIES ARE INDICATED ON THE PLANS FROM AVAILABLE INFORMATION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATION OF ALL UTILITIES, TO NOTIFY ALL UTILITY COMPANIES OF THE CONTRACTORS OPERATIONS, TO PROTECT ALL UTILITIES FROM DAMAGE, TO REPAIR ALL UTILITIES DAMAGED DUE TO THE CONTRACTORS OPERATIONS, AND TO NOTIFY THE ENGINEER PROMPTLY OF ALL CONFLICTS OF THE WORK WITH EXISTING UTILITIES.

LOT 3, BLOCK A LAKESHORE COMMONS INST. No. 20170000015245 O.P.R.R.C.T.

RECORD DRAWING June 9, 2020 To the best of our knowledge Wier & Associates, Inc., states this plan is As-Built. This information provided is based on surveying at the site and information provided by the contractor.

TOTAL SITE ACREAGE = 1.40 ACRES TOTAL DISTURBED ACREAGE = 1.39 ACRES

Project information including logo, address (5200 Buffington Rd., Atlanta Georgia, 30349-2998), revisions table, issued for construction (3/6/2020), OMD canopy, and sheet title (GRADING PLAN).

WIA WIER & ASSOCIATES, INC. ENGINEERS SURVEYORS LAND PLANNERS 2201 E. LAMAR BLVD., SUITE 200E ARLINGTON, TEXAS 76006 METRO (817)467-7700

Job No. : 17144 Store : #03897 Date : 3/24/2020 Drawn By : RRW Checked By : RSE Sheet C-6