

PRINTED: 1/2/2020 STB FILE: WIER-EROSION-CONTROL-STB LAST SAVED: 1/2/2020 7:52 AM SAVED BY: ALANG FILE: C-8 EROSION CONTROL PLAN-17144.DWG

EROSION AND SEDIMENT CONTROLS SCHEDULE & PHASING

I. CUTTING, GRUBBING, & GRADING	> PERIMETER SILT FENCE > STABILIZED STONE CONSTRUCTION ENTRANCE/EXIT	> TO BE INSTALLED PRIOR TO CLEARING & GRUBBING. MEASURES TO BE REMOVED AFTER FINAL STABILIZATION UP-GRADE OF THE CONTROL MEASURES. STABILIZED STONE CONSTRUCTION ENTRANCE/EXIT TO BE REMOVED PRIOR TO FINAL STABILIZATION.
II. UTILITY CONSTRUCTION	> CURB & GRATE INLET PROTECTION	> TO BE INSTALLED AFTER APPLICABLE STORM SYSTEM IS CONSTRUCTED. TO BE REMOVED UPON PAVEMENT CONSTRUCTION.
III. PAVING CONSTRUCTION	> CURB & GRATE INLET PROTECTION	> TO BE INSTALLED UPON PAVEMENT CONSTRUCTION. TO BE REMOVED AFTER SITE IS 70% VEGETATED DENSITY.
IV. PAVING CONSTRUCTION	> SILT FENCE AT ROADWAYS & ALLEYS	> TO BE INSTALLED UPON BACKFILLING AROUND CURBS AND/OR EDGE OF PAVEMENT. TO BE REMOVED UPON FINAL GRADING.
V. FINAL GRADING	> CURLEX SOIL, RETENTION BLANKET, AND FINAL STABILIZATION	> TO BE INSTALLED UPON FINAL GRADING. TO REMAIN AS PERMANENT.

EROSION AND SEDIMENTATION CONTROL NOTES

- EROSION CONTROL MEASURES, SITE WORK, AND RESTORATION WORK SHALL BE IN ACCORDANCE WITH THE CITY'S REQUIREMENTS.
- ALL SLOPES SHALL BE SODDED OR SEEDED WITH APPROVED GRASS (NOT WINTER RYE, MUST BE PERMANENT), GRASS MIXTURE, OR GROUND COVER SUITABLE TO THE AREA AND SEASON IN WHICH THEY ARE APPLIED (IN ACCORDANCE WITH LANDSCAPE PLANS).
- BRUSH BERMS, SEDIMENTATION BASINS, AND SIMILARLY RECOGNIZED TECHNIQUES AND MATERIALS SHALL BE EMPLOYED DURING CONSTRUCTION TO PREVENT POINT SOURCE IF THEY ARE WARRANTED.
- ALL TEMPORARY EROSION CONTROL MEASURES SHALL NOT BE REMOVED UNTIL FINAL INSPECTION AND APPROVAL OF THE PROJECT BY THE CITY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN ALL TEMPORARY EROSION CONTROL STRUCTURES AND TO REMOVE EACH STRUCTURE AS APPROVED BY THE CITY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF DUST AND DIRT RISING AND SCATTERING IN THE AIR DURING CONSTRUCTION AND SHALL PROVIDE WATER SPRINKLING OR OTHER SUITABLE METHODS OF CONTROL. THE CONTRACTOR SHALL COMPLY WITH ALL GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION.
- 75-80% OF ALL DISTURBED AREA TO HAVE A MINIMUM 1" STAND OF GRASS (NOT WEEDS OR WINTER RYE) PRIOR TO CITY ACCEPTANCE OR CERTIFICATE OF OCCUPANCY.

CONSTRUCTION SEQUENCE

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

REF. SHEET C-9.1 FOR EROSION CONTROL DETAILS

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

LEGEND

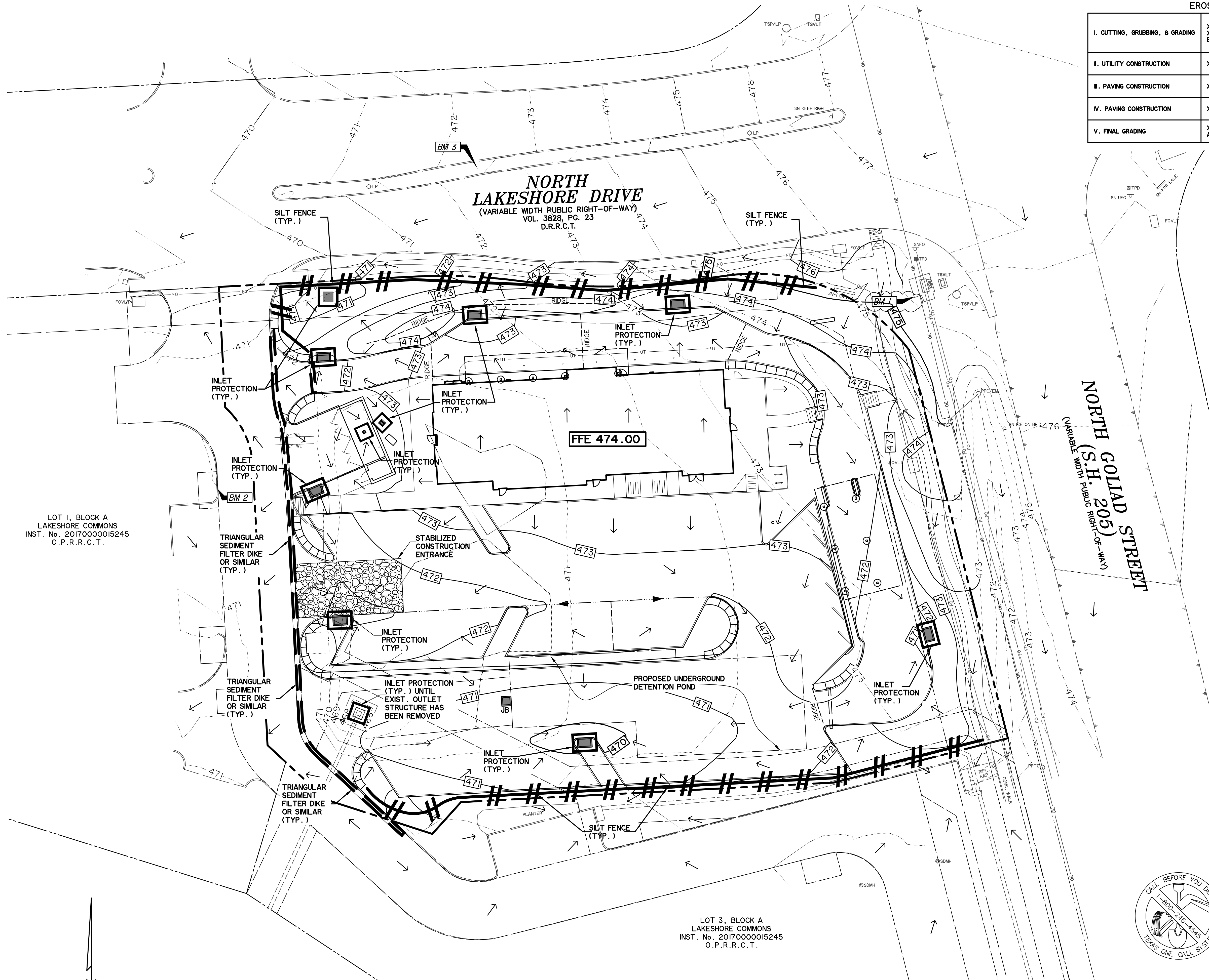
- 560 ——— EXIST. CONTOUR
- 560 ——— PROP. CONTOUR
- 560 ——— OMIT
- /// SILT FENCE
- ▲ TRIANGULAR SEDIMENT FILTER DIKE
- █ ROCK CHECK DAM
- LOCATION OF STABILIZED CONSTRUCTION ACCESS
- INLET PROTECTION
- JB JUNCTION BOX

VERTICAL DATUM NOTE:
REFERENCE DATUM = NORTH AMERICAN VERTICAL DATUM (NAD) 88 UTILIZING THE RTK NETWORK ADMINSTRATED BY WESTERN DATA SYSTEMS.

SITE BENCHMARK NO. 1 AN "X" CUT ON THE SOUTHWEST CORNER OF THE CONCRETE PAD OF A TRAFFIC SIGNAL BOX LOCATED AT THE SOUTHWEST CORNER OF LAKESHORE DR. AND N GOLIAD ST. 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, ±3' EAST OF FIRE HYDRANT AND ±12' SOUTHWEST OF SANITARY SEWER MAN HOLE.
ELEVATION = 471.87'

SITE BENCHMARK NO. 3 AN "X" CUT IN PAVERS BRICK MEDIAN OF NORTH LAKESHORE DRIVE ±45' DIRECTLY EAST OF A LIGHT POLE ±176' WEST OF INTERSECTION WITH NORTH GOLIAD STREET.
ELEVATION = 472.68'



LOT 1, BLOCK A
LAKESHORE COMMONS
INST. No. 20170000015245
O.P.R.R.C.T.

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.

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.

PREPARED BY:
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30349-2998

Revisions:
Mark Date By
12/17/19 RBC

ISSUED FOR CONSTRUCTION
Mark Date By

Mark Date By

STATE OF TEXAS
PRIYA ACHARYA
110146
PROFESSIONAL LAND SURVEYOR
12/20

LOT 2, BLOCK A
LAKESHORE COMMONS
1979 NORTH LAKESHORE DRIVE
ROCKWALL, TEXAS
STORE# 03897

STORE SERIES P13-LSR

SHEET TITLE
EROSION CONTROL PLAN

For Permit
For Bid
For Construction

Job No. : 17144
Store : #03897
Date : 1/2/2020
Drawn By : MCC
Checked By: RSE

Sheet
C-8

