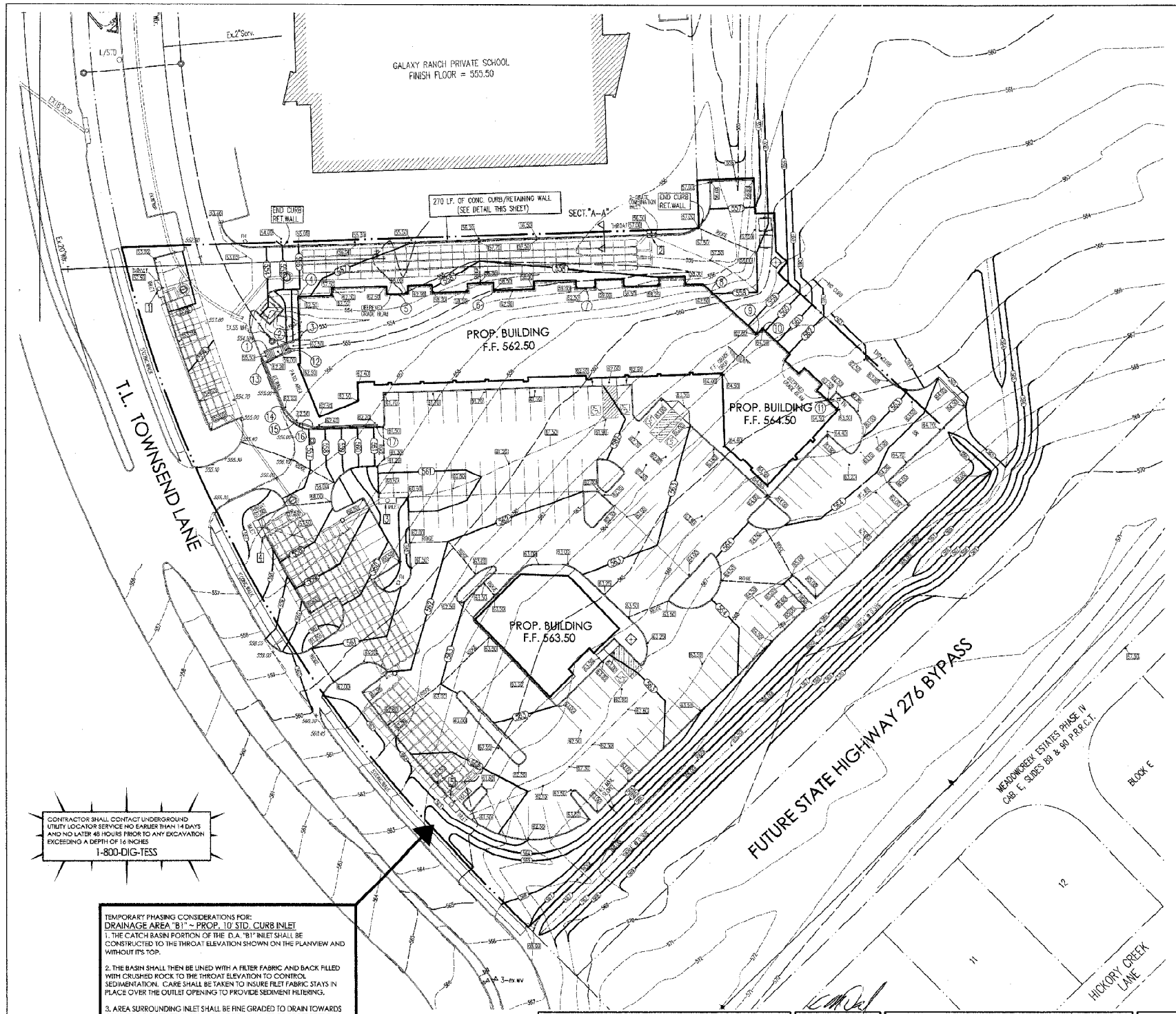
PLAN OF RECORD

This record drawing is a compilation of the sealed engineering drawing for permit and construction, by others; modified based on a field observation by BIG RED DOG. The information shown on the record drawings that was provided for permit and construction, by others not associated with the record drawing engineer, cannot be verified for accuracy or completeness. Review is for general conformance with construction documents and on-site improvements. The original approved sealed drawings are on file at the offices of the City of Rockwall.

Therefore, with the exceptions noted and clouded, this "Plan of Record" is true and correct to the best of my knowledge and was prepared under my supervision.

STATE OF TEXAS
GRAYSON K. HUGHES
114327
LICENSED
PROFESSIONAL ENGINEER

September 28, 2018



NORTH
0 15 30 60
GRAPHIC SCALE : 1"=30'

DRAINAGE INLET INFORMATION						
INLET #	SIZE OF OPENING	TYPE	TOP OF INLET ELEV.	THROAT ELEV.	TOP OF GRATE ELEV.	FLOWLINE
(1)	10'	CURB	553.33	552.50	----	549.33
(2)	5.19' x 1.69'	2-GRATE COMB. INLET	557.83	557.00	557.00	553.00
(3)	10'	CURB	561.00	560.17	----	557.00
(4)	10'	CURB	557.83	557.00	----	553.83
(5)	10'	CURB	562.00	561.17	----	555.00

RETAINING WALL INFORMATION					
#	TOP OF WALL	BOTTOM OF WALL @ PVMT.	TOP OF GRADEBEAM / RET. WALL	BOTTOM OF GRADEBEAM / RET. WALL @ PVMT.	HEIGHT
(1)	555.50	555.50	----	----	0.00
(2)	559.00	555.50	----	----	3.50
(3)	562.50	557.00	562.50	----	4.50
(4)	----	----	562.50	556.50	6.00
(5)	----	----	562.50	558.00	4.50
(6)	----	----	562.50	558.50	4.00
(7)	----	----	562.50	559.00	3.50
(8)	----	----	562.50	558.00	4.50
(9)	----	----	562.50	559.70	2.80
(10)	----	----	564.50	559.80	4.70
(11)	----	----	564.50	563.50	1.00
(12)	562.50	562.50	----	----	0.00
(13)	562.20	555.50	----	----	6.70
(14)	562.20	555.50	----	----	6.70
(15)	562.20	555.60	----	----	6.60
(16)	562.30	557.40	----	----	4.90
(17)	562.20	562.20	----	----	0.00

GRADING PLAN NOTES
1. 4:1 SLOPE. ALL SLOPES SHALL BE CONSTRUCTED 4H:1V OR FLATTER IN AREAS OF CUT OR FILL.

2. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A GRADING PERMIT FROM THE CITY OF ROCKWALL AND PARTICIPATE IN A PUBLIC WORKS PRE-CONSTRUCTION MEETING PRIOR TO MOBILIZATION AND CONSTRUCTION.

3. COMPLETE FILL OPERATIONS. THE CONTRACTOR SHALL COMPLETE FILL OPERATIONS PRIOR TO INSTALLING ANY UTILITIES (I.E., WATER, SEWER, STORM WATER). AFTER FILL OPERATIONS ARE COMPLETED, THE CONTRACTOR SHALL EXCAVATE THE UTILITY TRENCH, INSTALL UTILITIES, COMPACT THE TRENCH AND ENSURE ALL PUBLIC WORKS INSPECTIONS ARE PROPERLY PERFORMED.

4. CONTRACTOR TO FOLLOW RECOMMENDATIONS AND PROCEDURES NOTED IN THE GEOTECHNICAL ENGINEERING STUDY.

STUDY PREPARED BY:
CTL THOMPSON TEXAS , LLC.
10575 NEWKIRK STREET, SUITE 780
DALLAS, TEXAS 75220
TELE.: 972.831.1311
FAX.: 972.831.0890
JOS. NO. DA5872
DATED: DECEMBER 08, 2003

5. ALL FILL TO BE COMPACTED TO MINIMUM OF 95% STANDARD USING A SHEEP'S FOOT ROLLER.

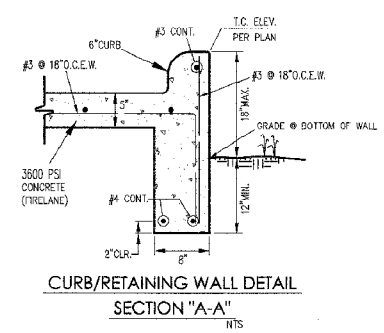
6. ANY GRADING AND SUBSEQUENT FIVE (5) FOOT CONCRETE SIDEWALK CONSTRUCTION WITHIN THE T.L. TOWNSEND RIGHT-OF-WAY SHALL HAVE A MAXIMUM OF 1/4-INCH PER FOOT (1/4"/1') CROSS-SLOPE AND SODDED.

7. REFER TO STRUCTURAL PLANS FOR DETAILS REGARDING PROPOSED CONCRETE RETAINING WALL AT THE SOUTHWEST CORNER OF THE NORTHERNMOST BUILDING.

8. WALLS FOUR FEET (4') AND TALLER SHALL BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER (STAMPED / SIGNED). PRIOR TO THE CITY'S ACCEPTANCE. THE WALL ENGINEER MUST SUBMIT A STAMPED AND SIGNED LETTER OF CONFORMANCE FOR THE WALL STATING THAT THE WALL WAS INSPECTED DURING AND AFTER CONSTRUCTION AND IT IS PER DESIGN.

9. NO PORTION OF THE WALL (TIE BACK, FOOTING, ETC.) SHALL BE IN EASEMENTS, RIGHT-OF-WAYS OR OFF-SITE.

GRADING LEGEND
- 555 — EXISTING CONTOUR
- 555 — PROPOSED CONTOUR
- 555.50 — PROPOSED GUTTER SHOT
- + 555.50 — EXISTING SPOT ELEVATION
- [5] — STORM INLET INFORMATION
- (5) — RETAINING WALL / GRADE BEAM INFORMATION
- FLOW ARROW
- RIDGE



CURB/RETAINING WALL DETAIL
SECTION "A-A"
NTS

CONTRACTOR SHALL CONTACT UNDERGROUND UTILITY LOCATOR SERVICE NO EARLIER THAN 14 DAYS AND NO LATER 48 HOURS PRIOR TO ANY EXCAVATION EXCEEDING A DEPTH OF 16 INCHES
1-800-DIG-TESS

TEMPORARY PHASING CONSIDERATIONS FOR:
DRAINAGE AREA "B1" ~ PROP. 10' STD. CURB INLET
1. THE CATCH BASIN PORTION OF THE D.A. "B1" INLET SHALL BE CONSTRUCTED TO THE THROAT ELEVATION SHOWN ON THE PLANVIEW AND WITHOUT ITS TOP.

2. THE BASIN SHALL THEN BE LINED WITH A FILTER FABRIC AND BACK FILLED WITH CRUSHED ROCK TO THE THROAT ELEVATION TO CONTROL SEDIMENTATION. CARE SHALL BE TAKEN TO INSURE INLET FABRIC STAYS IN PLACE OVER THE OUTLET OPENING TO PROVIDE SEDIMENT FILTERING.

3. AREA SURROUNDING INLET SHALL BE FINE GRADED TO DRAIN TOWARDS CRUSHED ROCK FILLED BASIN AND HYDRO-MULCHED TO PROTECT FROM EROSION. SILT FENCE INLET PROTECTION SHALL ALSO BE PLACED AS AN ADDED MEASURE OF SEDIMENT CONTROL.

4. THIS IS A TEMPORARY ALTERNATIVE TO A PHASING APPROACH OF CONSTRUCTION. ULTIMATELY, THE SURROUNDING PAVEMENT SHALL BE BE CONSTRUCTED AND THE CRUSHED ROCK BACK-FILL AND FILTER FABRIC SHALL BE REMOVED. THE FINAL CONSTRUCTION OF THE INLET TOP SHALL BE CONCLUDED TO RESULT IN A NORMAL OPERATING INLET.

SITE BENCHMARK:
CUT "X" ON TOP OF NORTH CURBLINE OF EXISTING CONCRETE DRIVE APPROX. 45 FEET SOUTH OF SOUTH BUILDING WALL OF GALAXY RANCH PRIVATE SCHOOL AND 148 FEET +/- EAST OF EXISTING EAST CURBLINE OF T.L. TOWNSEND LANE.
ELEVATION = 554.56

STATE OF TEXAS
C. MICHAEL DANIEL
82457
REGISTERED
PROFESSIONAL ENGINEER

REVISIONS	DATE

ENGINEER:
NATHAN D. MAIER CONSULTING ENGINEERS, INC.
CONTACT: MIKE DANIEL (214)739-4741

NDM NATHAN D. MAIER CONSULTING ENGINEERS, INC.
TEXAS FIRM REGISTRATION NO.: F-266
WWW.NDMCE.COM
Two Northpark 8080 Park Lane Suite 600
Dallas, Texas 75231 214.739.4741

GRADING PLAN
LARSEN RETAIL DEVELOPMENT
3.154 ACRE TRACT - LARSEN SCHOOL ADDITION
ROCKWALL, ROCKWALL COUNTY, TEXAS

SHEET NO. 4 / 16

DESIGN	DRAWN	SCALE	DATE	NOTES	JOB NUMBER
NDMACE	NDMACE	1"=30'	2011-05-05		08-04-035.A

5-6-11