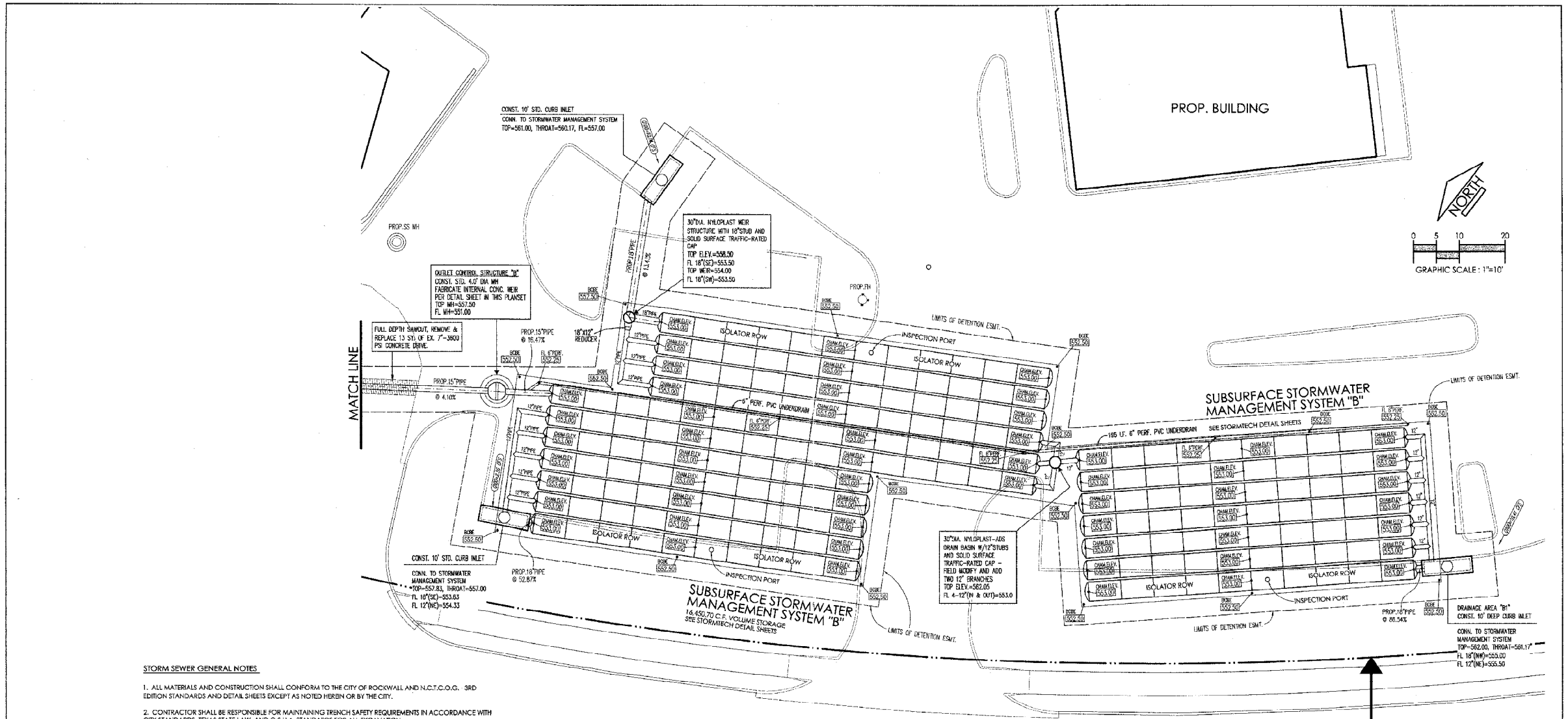
PLAN OF RECORD

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



T.L. TOWNSEND LANE

STORM SEWER GENERAL NOTES

1. ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE CITY OF ROCKWALL AND N.C.T.C.O.G. 3RD EDITION STANDARDS AND DETAIL SHEETS EXCEPT AS NOTED HEREIN OR BY THE CITY.

2. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING TRENCH SAFETY REQUIREMENTS IN ACCORDANCE WITH CITY STANDARDS, TEXAS STATE LAW, AND O.S.H.A. STANDARDS FOR ALL EXCAVATION.

3. ALL ADVANCED DRAINAGE SYSTEM (ADS) PIPING NOTED IN THIS DESIGN SHALL BE ADS N-12 DOUBLE-WALL PIPE OR APPROVED EQUAL.

4. ADS PIPE EMBEDMENT SHALL BE AS THE MANUFACTURE RECOMMENDS.

5. CONSTRUCTION SPECIFICATIONS FOR NON-ADS DRAINAGE STRUCTURES PER CITY OF ROCKWALL AND N.C.T.C.O.G. - 3RD EDITION STANDARDS AND DETAILS, EXCEPT WHERE NOTED.

6. CONSTRUCTION SHALL BEGIN AT DOWNSTREAM END OF PROJECT AND CONTINUE UPSTREAM WITH PIPE BELL FACING UPSTREAM.

7. REINFORCED CONCRETE PIPE EMBEDMENT SHALL BE AS REQUIRED IN THE CITY OF ROCKWALL AND N.C.T.C.O.G. - 3RD EDITION DETAIL SHEET.

8. CONTRACTOR SHALL PROTECT ALL PUBLIC UTILITIES IN THE CONSTRUCTION OF THIS PROJECT.

9. THE LOCATIONS OF ALL UTILITIES INDICATED ON THESE PLANS ARE TAKEN FROM EXISTING PUBLIC RECORDS. THE CONTRACTOR MUST DETERMINE THE EXACT LOCATION AND ELEVATION OF ALL PUBLIC UTILITIES.

10. IT SHALL BE THE DUTY OF THE CONTRACTOR TO ASCERTAIN WHETHER ANY ADDITIONAL FACILITIES OTHER THAN THOSE SHOWN ON THE PLANS MAY BE PRESENT.

11. IF ROCK IS ENCOUNTERED IN THE TRENCH, ROCK SPOIL SHALL NOT BE USED. THE TRENCH IS TO BE BACKFILLED ONLY WITH QUALITY TOPSOIL.

12. ALL REINFORCED CONCRETE PIPE WYES AND BENDS TO BE PREFABRICATED BY THE PIPE MANUFACTURER.

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

LEGEND

CHAMBER ELEV. 550.00 — STORMTECH SC-740 CHAMBER ELEVATION
BOSE 550.50 / KNOCK-OUT — BOTTOM OF CHAMBER BASE ELEVATION
FL 6"PERF. (547.58) — PROP. FL 6" PERFORATED PVC PIPE ELEV.

TEMPORARY PHASING CONSIDERATIONS FOR:
DRAINAGE AREA "B1" ~ PROP. 10' DEEP CURB INLET

1. THE CATCH BASIN PORTION OF THE D.A. "B1" INLET SHALL BE CONSTRUCTED TO THE THROAT ELEVATION SHOWN ON THE PLAN-VIEW 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 FILET FABRIC STAYS IN PLACE OVER THE OUTLET OPEN ING 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 CONSTUCTION 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
LICENSED
PROFESSIONAL ENGINEER

5-6-11

REVISIONS	DATE

NDM NATHAN D. MAIER CONSULTING ENGINEERS, INC.
TEXAS FIRM REGISTRATION NO. F-364
WWW.NDMCE.COM
Two Northpark 8080 Park Lane Suite 600
Dallas, Texas 75231 214.739.4741

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

SUBSURFACE STORMWATER MANAGEMENT SYSTEM
LARSEN RETAIL DEVELOPMENT
3.154 ACRE TRACT - LARSEN SCHOOL ADDITION
ROCKWALL, ROCKWALL COUNTY, TEXAS

SHEET NO. 8 / 16

DESIGN	DRAWN	SCALE	DATE	NOTES	JOB NUMBER
NDMCE	NDMCE	1"=10'	2011-05-05		08-04-03EA