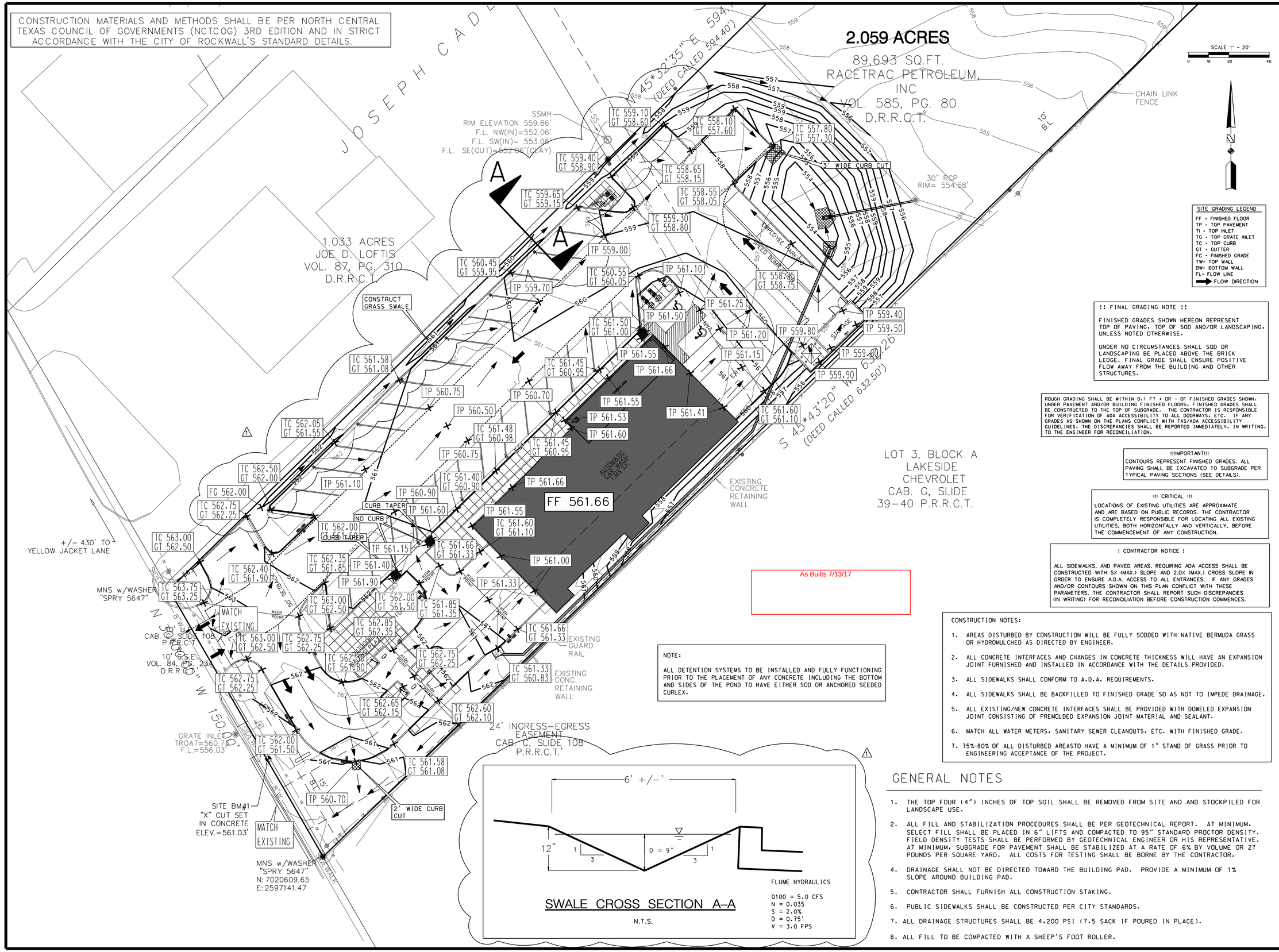
CONSTRUCTION MATERIALS AND METHODS SHALL BE PER NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS (NCTCOG) 3RD EDITION AND IN STRICT ACCORDANCE WITH THE CITY OF ROCKWALL'S STANDARD DETAILS.



SITE GRADING LEGEND

FF - FINISHED FLOOR
TP - TOP PAVEMENT
TI - TOP INLET
TG - TOP GRATE INLET
TC - TOP CURB
GT - GUTTER
FG - FINISHED GRADE
TW- TOP WALL
BW- BOTTOM WALL
FL- FLOW LINE
FLOW DIRECTION

!! FINAL GRADING NOTE !!

FINISHED GRADES SHOWN HEREON REPRESENT TOP OF PAVING, TOP OF SOD AND/OR LANDSCAPING. UNLESS NOTED OTHERWISE.

UNDER NO CIRCUMSTANCES SHALL SOD OR LANDSCAPING BE PLACED ABOVE THE BRICK LEDGE. FINAL GRADE SHALL ENSURE POSITIVE FLOW AWAY FROM THE BUILDING AND OTHER STRUCTURES.

ROUGH GRADING SHALL BE WITHIN 0.1 FT + OR - OF FINISHED GRADES SHOWN. UNDER PAVEMENT AND/OR BUILDING FINISHED FLOORS. FINISHED GRADES SHALL BE CONSTRUCTED TO THE TOP OF SUBGRADE. THE CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF ADA ACCESSIBILITY TO ALL DOORWAYS, ETC. IF ANY GRADES AS SHOWN ON THE PLANS CONFLICT WITH TAS/ADA ACCESSIBILITY GUIDELINES, THE DISCREPANCIES SHALL BE REPORTED IMMEDIATELY, IN WRITING, TO THE ENGINEER FOR RECONCILIATION.

!!!IMPORTANT!!!

CONTOURS REPRESENT FINISHED GRADES. ALL PAVING SHALL BE EXCAVATED TO SUBGRADE PER TYPICAL PAVING SECTIONS (SEE DETAILS).

!!! CRITICAL !!!

LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE AND ARE BASED ON PUBLIC RECORDS. THE CONTRACTOR IS COMPLETELY RESPONSIBLE FOR LOCATING ALL EXISTING UTILITIES, BOTH HORIZONTALLY AND VERTICALLY, BEFORE THE COMMENCEMENT OF ANY CONSTRUCTION.

! CONTRACTOR NOTICE !

ALL SIDEWALKS, AND PAVED AREAS, REQUIRING ADA ACCESS SHALL BE CONSTRUCTED WITH 5% (MAX.) SLOPE AND 2.0% (MAX.) CROSS SLOPE IN ORDER TO ENSURE A.D.A. ACCESS TO ALL ENTRANCES. IF ANY GRADES AND/OR CONTOURS SHOWN ON THIS PLAN CONFLICT WITH THESE PARAMETERS, THE CONTRACTOR SHALL REPORT SUCH DISCREPANCIES (IN WRITING) FOR RECONCILIATION BEFORE CONSTRUCTION COMMENCES.

As Builts 7/13/17

NOTE:

ALL DETENTION SYSTEMS TO BE INSTALLED AND FULLY FUNCTIONING PRIOR TO THE PLACEMENT OF ANY CONCRETE INCLUDING THE BOTTOM AND SIDES OF THE POND TO HAVE EITHER SOD OR ANCHORED SEEDED CURLEX.

CONSTRUCTION NOTES:

1. AREAS DISTURBED BY CONSTRUCTION WILL BE FULLY SODDED WITH NATIVE BERMUDA GRASS OR HYDROMULCHED AS DIRECTED BY ENGINEER.
2. ALL CONCRETE INTERFACES AND CHANGES IN CONCRETE THICKNESS WILL HAVE AN EXPANSION JOINT FURNISHED AND INSTALLED IN ACCORDANCE WITH THE DETAILS PROVIDED.
3. ALL SIDEWALKS SHALL CONFORM TO A.D.A. REQUIREMENTS.
4. ALL SIDEWALKS SHALL BE BACKFILLED TO FINISHED GRADE SO AS NOT TO IMPEDE DRAINAGE.
5. ALL EXISTING/NEW CONCRETE INTERFACES SHALL BE PROVIDED WITH DOWELED EXPANSION JOINT CONSISTING OF PREMOLDED EXPANSION JOINT MATERIAL AND SEALANT.
6. MATCH ALL WATER METERS, SANITARY SEWER CLEANOUTS, ETC. WITH FINISHED GRADE.
7. 75%-80% OF ALL DISTURBED AREASTO HAVE A MINIMUM OF 1" STAND OF GRASS PRIOR TO ENGINEERING ACCEPTANCE OF THE PROJECT.

SWALE CROSS SECTION A-A

N.T.S.

GENERAL NOTES

1. THE TOP FOUR (4") INCHES OF TOP SOIL SHALL BE REMOVED FROM SITE AND AND STOCKPILED FOR LANDSCAPE USE.
2. ALL FILL AND STABILIZATION PROCEDURES SHALL BE PER GEOTECHNICAL REPORT. AT MINIMUM, SELECT FILL SHALL BE PLACED IN 6" LIFTS AND COMPACTED TO 95" STANDARD PROCTOR DENSITY. FIELD DENSITY TESTS SHALL BE PERFORMED BY GEOTECHNICAL ENGINEER OR HIS REPRESENTATIVE. AT MINIMUM, SUBGRADE FOR PAVEMENT SHALL BE STABILIZED AT A RATE OF 6% BY VOLUME OR 27 POUNDS PER SQUARE YARD. ALL COSTS FOR TESTING SHALL BE BORNE BY THE CONTRACTOR.
4. DRAINAGE SHALL NOT BE DIRECTED TOWARD THE BUILDING PAD. PROVIDE A MINIMUM OF 1% SLOPE AROUND BUILDING PAD.
5. CONTRACTOR SHALL FURNISH ALL CONSTRUCTION STAKING.
6. PUBLIC SIDEWALKS SHALL BE CONSTRUCTED PER CITY STANDARDS.
7. ALL DRAINAGE STRUCTURES SHALL BE 4,200 PSI (7.5 SACK IF POURED IN PLACE).
8. ALL FILL TO BE COMPACTED WITH A SHEEP'S FOOT ROLLER.

HAMILTON DUFFY, PC
CONSULTING
CIVIL & ENVIRONMENTAL ENGINEERS - PLANNERS - CONSTRUCTION MANAGERS
8241 MID-CITIES BLVD. - NORTH RICHLAND HILLS, TEXAS 76180-4712
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SITE CONSTRUCTION PLANS

CARMEL CAR WASH
2003 SOUTH GOLIAD STREET
CITY OF ROCKWALL, TEXAS

GRADING PLAN

AS-BUILT DRAWINGS

THIS DOES NOT IMPLY A GROUND SURVEY. THESE DOCUMENTS WERE PREPARED FROM ORIGINAL DESIGN DRAWINGS AND CONSTRUCTION MODIFICATIONS NOTED BY CONTRACTOR.

KEITH M. HAMILTON 87384 DATE 7-13-17

NO.	REVISION	BY	DATE
1	REMOVED WEST CONCRETE FLUME	KMH	6-12-17

JOB	048-019
DATE	7/13/2017
DESIGNED	K.M.H.
DRAWN	J.B.E.
CHECKED	K.M.H.
TEXAS REGISTRATION NO. F-002560	

SHEET
C1.03

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