



ODA-2 = 0.31 AC
 Tc = 10 MIN
 C = 0.35
 H100 = 9.80
 Q100 = 0.310X0.35X9.80 = 1.06 CFS

ODA-1 = 0.70 AC
 Tc = 10 MIN
 C = 0.35
 H100 = 9.80
 Q100 = 0.70X0.35X9.80 = 2.40 CFS
 REFER SECTION D-D & E-E FOR WSE AND FREE BOARD CALCULATIONS

OUTSIDE GRADE (OG) OF THE PROPOSED WALL IS 0.5' BELOW THE TOP OF WALL (TW) ELEVATION ALONG THE ENTIRE LENGTH OF WALL SO THE OUTSIDE GRADE ITSELF ACTS AS A SWALE ALONG THE DIRECTION OF DECREASING CONTOUR. REFER SECTION C-C AND D-D FOR DETAILS

BUILDING WALL TO BE DESIGNED AS RETAINING WALL

BUILDING WALL TO BE DESIGNED AS RETAINING WALL

F.F.E. = 508.00

F.F.E. = 505.75

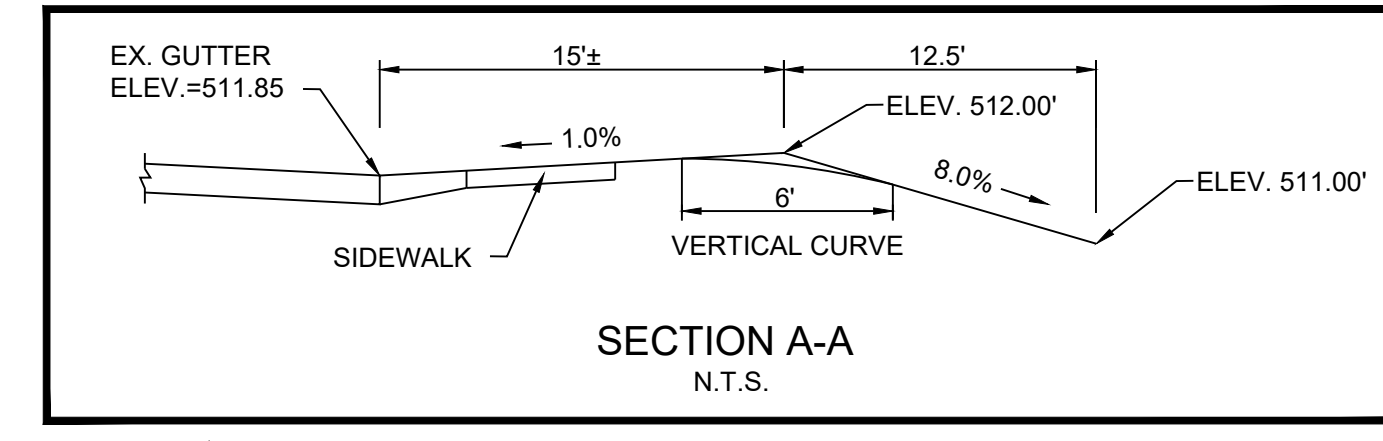
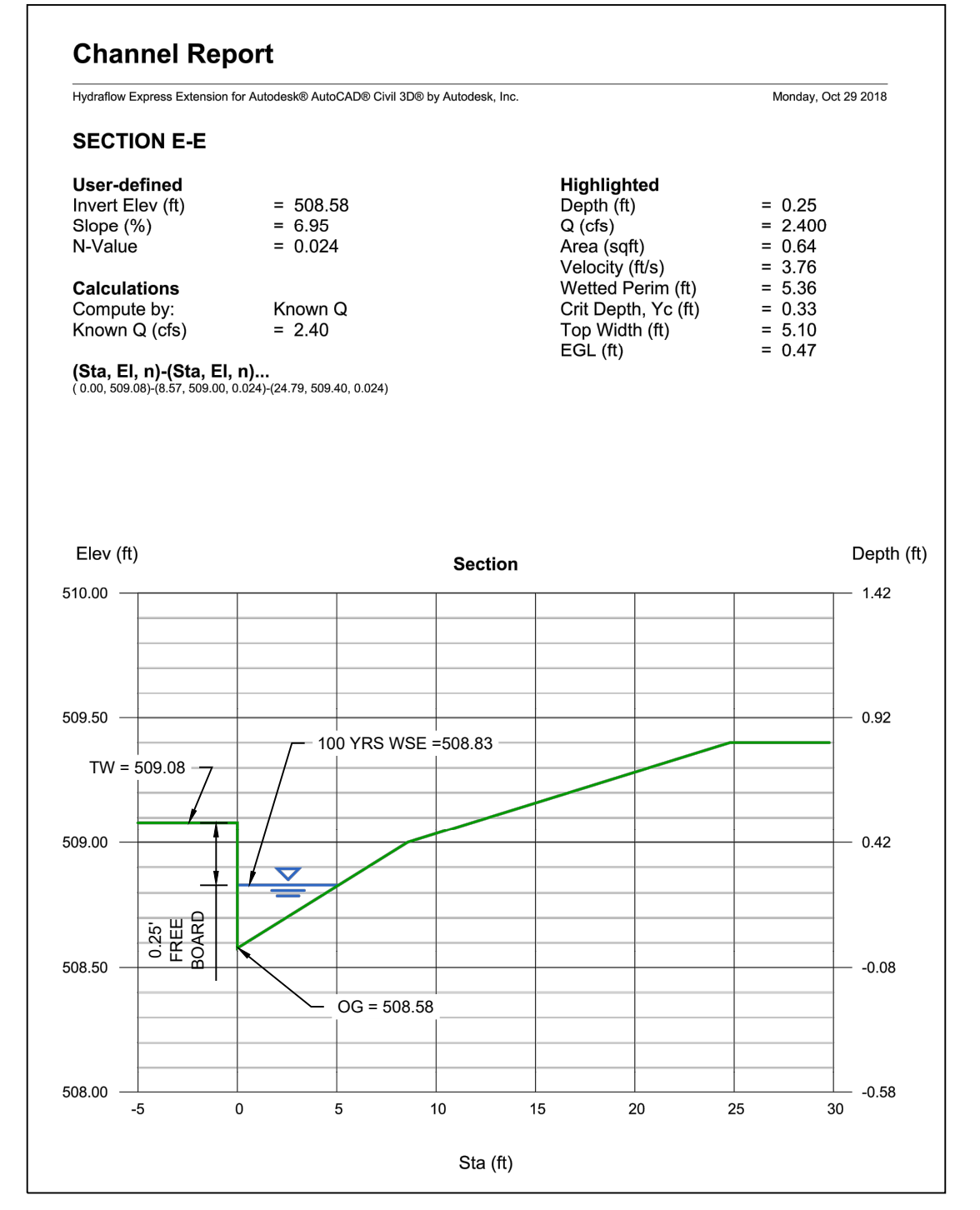
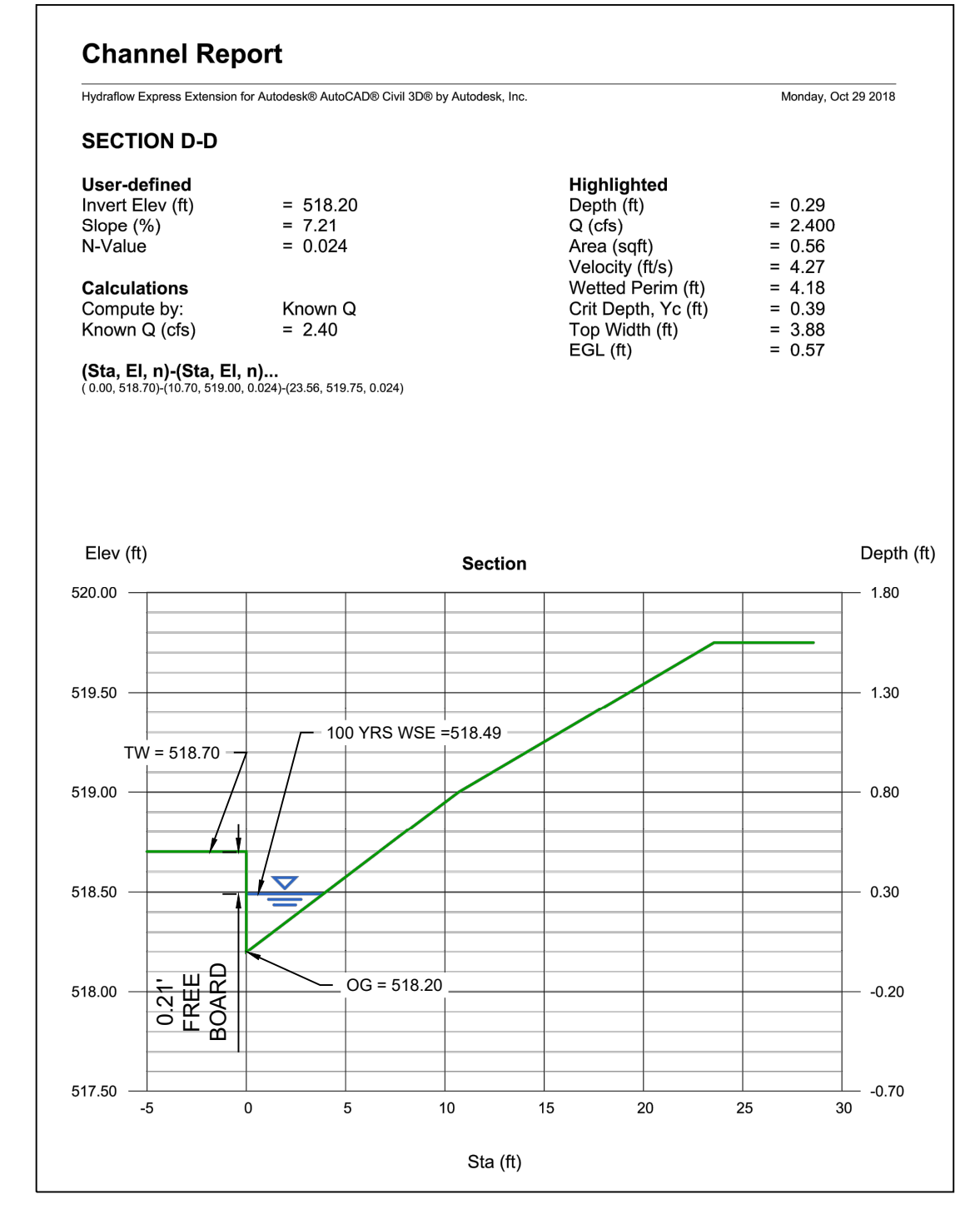
CREEK 100YR W.S.E.

GRADING GENERAL NOTE

- ALL SURPLUS EXCAVATION AND WASTE MATERIAL SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND IT SHALL BE HIS SOLE RESPONSIBILITY TO REMOVE SUCH SURPLUS EXCAVATION AND WASTE MATERIAL FROM THE SITE TO A PUBLIC DUMP SITE APPROVED FOR THE DISPOSAL OF SUCH MATERIALS. IF SURPLUS EXCAVATION IS REMOVED FROM THIS SITE TO ANOTHER PROPERTY, IT SHALL BE PLACED ON SUCH PROPERTY WITH THE WRITTEN CONSENT OF THE OWNER(S) OF SUCH PROPERTY. A COPY OF SUCH WRITTEN CONSENT SHALL BE PROVIDED TO THE OWNER. IF THE CONTRACTOR WISHES TO DISPOSE OF SURPLUS EXCAVATION ON-SITE, IT SHALL BE ONLY WITH THE PRIOR APPROVAL OF THE OWNERS PROJECT REPRESENTATIVE AND CARE SHOULD BE TAKEN TO AVOID BLOCKING NATURAL DRAINAGE AND INCREASING STEEP SLOPES. IF ANY OF THE HAULED EXCAVATION MATERIAL IS TAKEN TO ANOTHER LOCATION WITHIN THE CITY OF ROCKWALL LIMITS, THE OWNER OF THE PROPERTY IS REQUIRED TO OBTAIN A LOT GRADING PERMIT BEFORE MATERIAL IS DELIVERED.
- THE CONTRACTOR IS REQUIRED TO PROVIDE HIS OWN STAKING AND TO VERIFY PROJECT ELEVATIONS. "MATCH EXISTING" SHALL BE UNDERSTOOD TO APPLY TO BOTH VERTICAL ELEVATION AND HORIZONTAL ALIGNMENT.
- THE CONTRACTOR SHALL PREPARE ALL LANDSCAPE AREAS INCLUDING STREET RIGHT-OF-WAY AREAS TO AN ACCEPTABLE SUBGRADE CONDITION IN ACCORDANCE WITH THE LANDSCAPE PLANS. IF THE CONTRACTOR IS NOT EMPLOYED TO PROVIDE AND INSTALL LANDSCAPING, HE SHALL PREPARE A FINISHED AND COMPACTED SUBGRADE IN THE LANDSCAPING AREAS 4" BELOW NOMINAL FINISH GRADE AS SHOWN ON THE PLANS AND SHALL ADD 2" OF TOPSOIL TO BRING LANDSCAPING SUB-GRADE AS PROVIDED TO THE LANDSCAPING CONTRACTOR, TO 2" BELOW NOMINAL FINISH GRADE.
- NO SLOPES TO EXCEED 4H:1V WITHOUT SLOPE STABILIZATION.
- ALL FILL TO BE COMPACTED TO A MINIMUM 95% OF STANDARD DENSITY USING A SHEEP'S FOOT ROLLER.
- CONTRACTOR TO ADJUST TO PROPOSED AND EXISTING UTILITIES TO FINISHED GRADE.
- THE DETENTION SYSTEM TO BE FULLY INSTALLED AND FUNCTIONAL PRIOR TO ANY PLACEMENT OF CONCRETE INCLUDING SLABS. THIS INCLUDES THE SIDES AND BOTTOM TO HAVE EITHER SODD OR SEEDS ANCHORED CURLEX ALONG WITH THE CONCRETE FULME.

BENCHMARK

SQUARE-CUT ON TOP OF CURB. @ E. FORK ROAD. ELEVATION = 495.40'



LEGEND

SPOT ELEVATION AT FINISHED GRADE	SS03.80
TOP OF CURB	TC504.14
GUTTER ELEVATION	G 503.65
TOP OF THE WALL	TW 518.65
INSIDE GRADE	IG 505.90
OUTSIDE GRADE	OG 518.15
EX. SPOT ELEVATION AT GRADE	XS501.00
EXISTING CONTOURS	506
PROPOSED CONTOURS	502
PROPOSED SWALE	
PROPOSED DETENTION & DRAINAGE EASEMENT	D.D.E.
PROPOSED VISIBILITY CLIP	

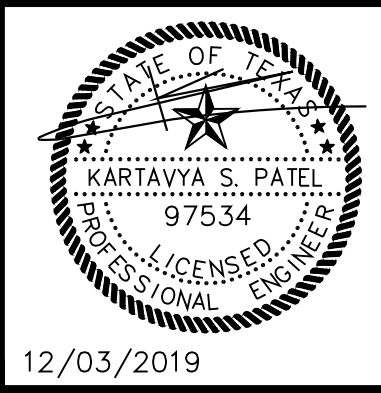
NOTE:
 PROPOSED RETAINING WALL INCLUDING FOOTING TO BE COMPLETELY OUTSIDE THE PROP. DRAINAGE EASEMENT

NOTE:
 REFER ARCH. / STRUCTURAL PLANS FOR FUTURE OFFICE BUILDING WALLS TO BE DESIGNED AS RETAINING WALL

AS-BUILT DRAWINGS:
 TO THE BEST OF OUR KNOWLEDGE TRIANGLE ENGINEERING LLC., HEREBY STATES THAT THIS PLAN IS AS-BUILT. THE INFORMATION PROVIDED IS BASED ON SURVEYING AT THE SITE AND INFORMATION PROVIDED BY THE CONTRACTOR.

KARTAVYA S. PATEL, P.E. NO. 97534

NO.	DATE	DESCRIPTION	BY
1	12/03/2019	AS-BUILT RECORD DRAWINGS	KP



RECORD DRAWING

GRADING PLAN
KIDDIE ACADEMY
 NEC OF N. LAKESHORE DRIVE & E. FORK ROAD
 CITY OF ROCKWALL
 ROCKWALL COUNTY, TEXAS

TRIANGLE ENGINEERING LLC

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Planning | Civil Engineering | Construction Management

DESIGN/DRAWN	DATE	SCALE	PROJECT NO.	SHEET NO.
KP	DS	08/23/16	SEE SCALE BAR	028-16

TX PE FIRM #11525

N. LAKESHORE DRIVE
 (100' RIGHT-OF-WAY)

(20' ALLEY RIGHT-OF-WAY)

EAST FORK ROAD
 (65' RIGHT-OF-WAY)

SITE BENCHMARK
 SQUARE-CUT ON
 TOP OF CURB
 ELEVATION=495.40'