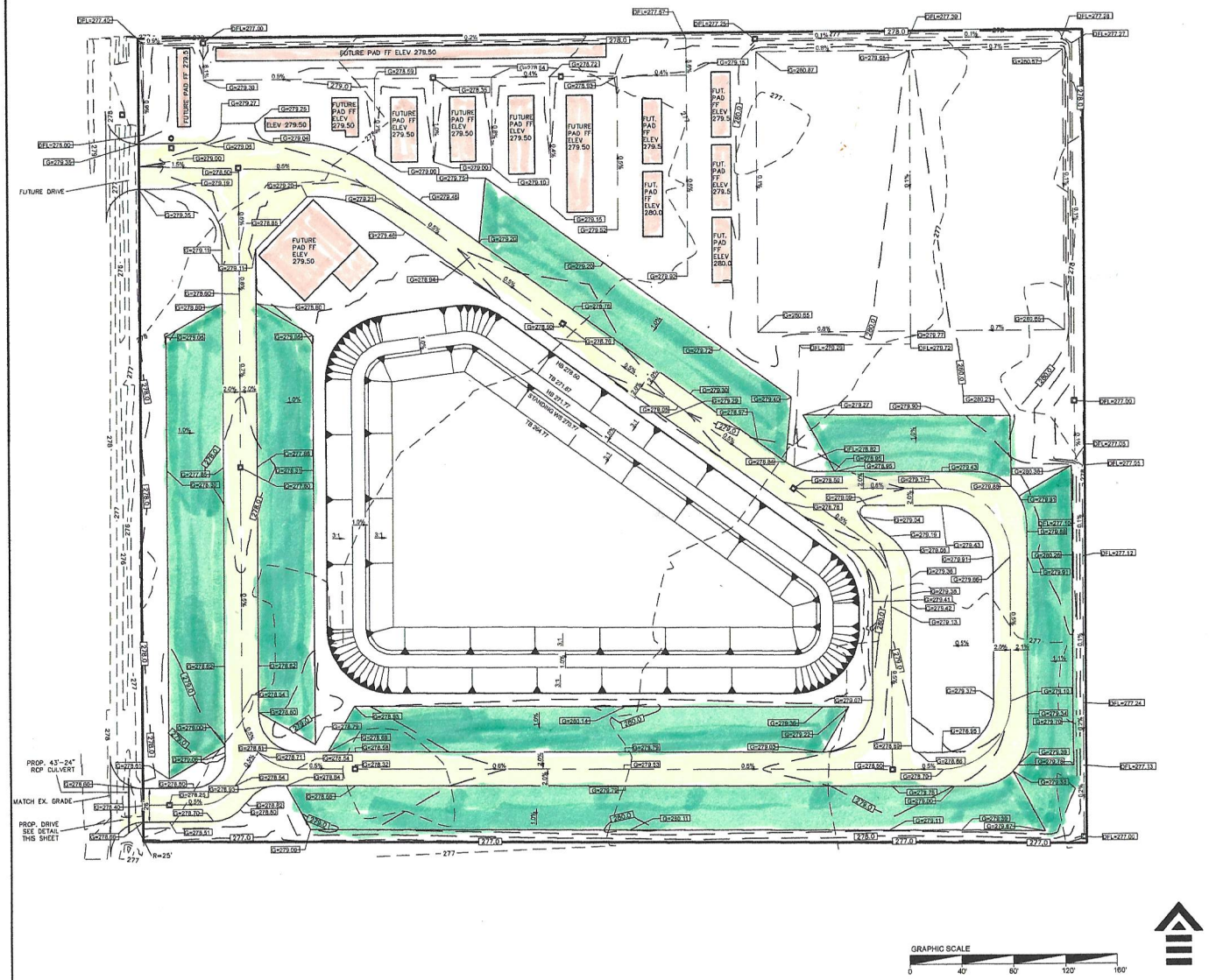


LEGEND	BENCH MARK
91 PROPOSED TOPO CONTOUR LINE 91 EXISTING TOPO CONTOUR LINE G=91.00 PROP. GROUND ELEV. DFL=91.00 PROP. DITCH FLOW LINE X.X% PROP. SLOPE	FLOOD PLAIN REFERENCE MARKER NUMBER 110929 A BRASS DISC STAMPED "WEISSER BM-22" TO REACH DESCRIPTION FROM THE INTERSECTION OF U.S.-290 (NORTHWEST FREEWAY) WITH KICKAPOO ROAD, TRAVEL SOUTH ON KICKAPOO ROAD A DISTANCE OF 0.5 MILES TO A HCFCD DISK LOCATED ON A CONCRETE BOX CULVERT ON DOWNSTREAM SIDE OF BRIDGE AND STREAM CENTERLINE. ELEV.= 235.71 FEET, NAVD DATUM 1988. 2001 ADJUSTED. ✦ TBM "A" NOTE: TEMPORARY BENCH MARK "A" IS A RR SPIKE SET IN A POWER POLE APROXIMATELY 140.00 FEET NORTHWEST OF THE SOUTHEAST CORNER OF THE SUBJECT TRACT ELEV.= 234.44 FEET, NAVD DATUM 1988. 2001 ADJUSTED.

NOTE:
ACCORDING TO FEMA PANEL 48201C0190L DATED JUNE, 18. 2007 THIS TRACT OF LAND LIES IN THE FOLLOWING ZONE:

UNSHADED ZONE "X" AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN.

SITE EXCAVATION CALCULATIONS:

CUT VOLUME	~28,000 CY
FILL VOLUME	~28,500 CY
APPROX. EXPORT VOLUME	~1,500 CY

OFFSITE GRADING NOTES:

WITH SOUTHERN NEIGHBOR'S APPROVAL SOME FILL WILL BE PLACED IMMEDIATELY SOUTH OF THE SUBJECT TRACT TO PREVENT OFFSITE FLOWS.

APPROXIMATELY 10.3 ACRES TO THE EAST DRAINS THROUGH THIS TRACT TO STOKES ROAD. THESE FLOWS WILL BE ROUTED THROUGH THE PROPOSED ONSITE STORM SEWER SYSTEM AND DETENTION POND.

THE AREA NORTH OF THE PROPERTY DRAINS TO THE NORTH. THERE ARE NO OFFSITE FLOW ISSUES TO THE NORTH.

IN ORDER TO MEET HARRIS COUNTY S REQUIREMENT THAT ALL CULVERT PIPES MUST BE ASTM C76-CLASS III, ONE OF THE FOLLOWING REQUIREMENTS MUST BE MET:

1. THE PIPE IS STAMPED WITH THE NAME OF MANUFACTURE, THE PRODUCTION DATE AND THAT IT IS ASTM C76-CLASS III PIPE, OR;
2. IF THE PIPE IS NOT STAMPED, IT WILL BE THE RESPONSIBILITY OF THE OWNER TO PROVIDE THE NAME OF MANUFACTURE, THE PRODUCTION DATE. HARRIS COUNTY WILL VERIFY THAT THERE ARE CORRESPONDING CYLINDER BREAKS THAT VERIFY THE STRENGTH OF THE RCP PRODUCED BY THAT MANUFACTURE FOR THAT DATE. IF THERE ARE NONE, THE PIPE WILL BE REJECTED AS NOT MEETING THE REQUIREMENTS OF ASTM C76.

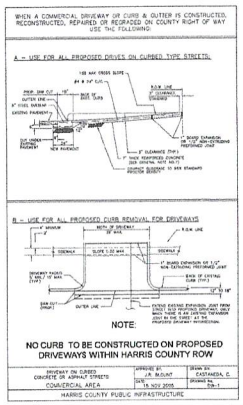
PIPE SIZE _____

CULVERT TYPE: ____ SINGLE ____ DOUBLE ____ TRIPLE ____ BOX

DRIVEWAY MATERIAL: _____

FOR CULVERT GRADE STAKES CALL: _____

NOTE: SHALL BE CONSTRUCTED PER HARRIS COUNTY DRIVEWAYS AND/OR CULVERTS REGULATIONS



10.3602 ACRES OF LAND IN THE HARRIS COUNTY SCHOOL SURVEY, ABSTRACT NO. 32
HARRIS COUNTY, TEXAS

Stokes Road RV Park

21302 Stokes Road
Waller, Tx. 77484

ATKINSON ENGINEERS
150 Terra Vista Way
Suite 100
Spring, Texas 77380
Tel: 281-872-7001
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REVISIONS	DATE	NAME

FILE NO. 4265
DATE: 07-10-2018
DRAWING SCALE: 1":40'
ATKINSON ENGINEERS
TBPE - F10657

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UNPRIGHTEDMIT PUNISHABLE UP TO $100,000 PER VIOLATION, ACCORDING TO UNITED STATES CODE TITLE 17, SECTION 504 (C)(2)

GRADING PLAN

3 / 6

FOR QUESTIONS OR COMMENTS EMAIL: neil@atkinsonengineers.com

H:\DOCUMENTS\DWG FILES\4265 A-332 CSL HARRIS\4265 STOKES ROAD RV PARK\STOKES RD RV PARK - PLAN SET.DWG