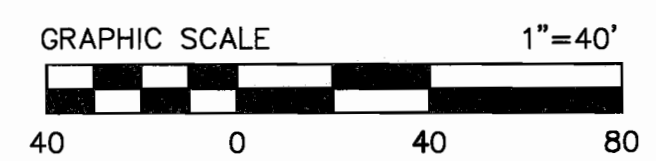
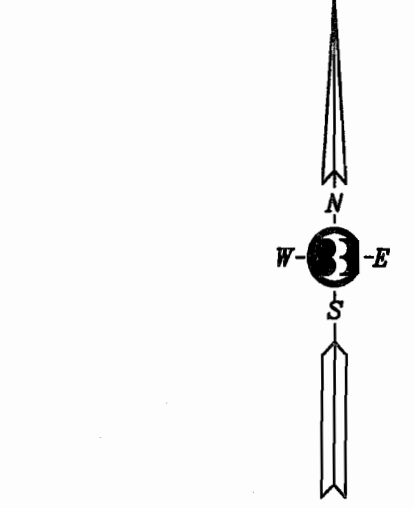
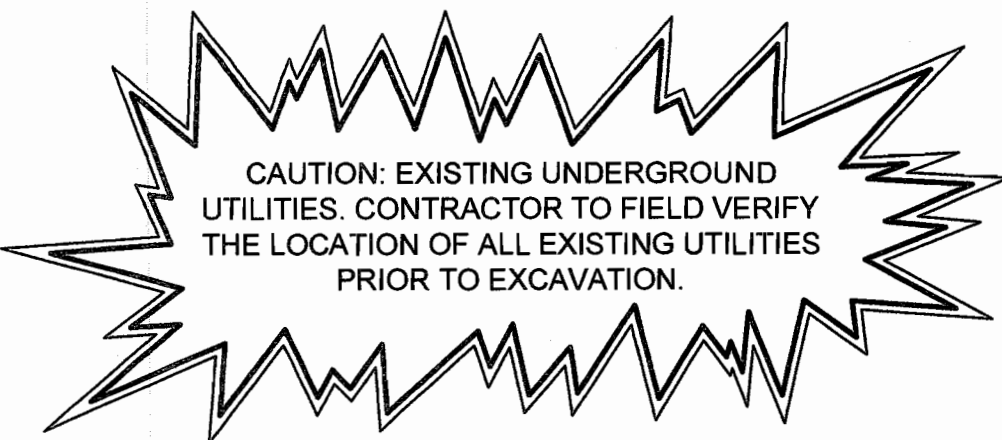
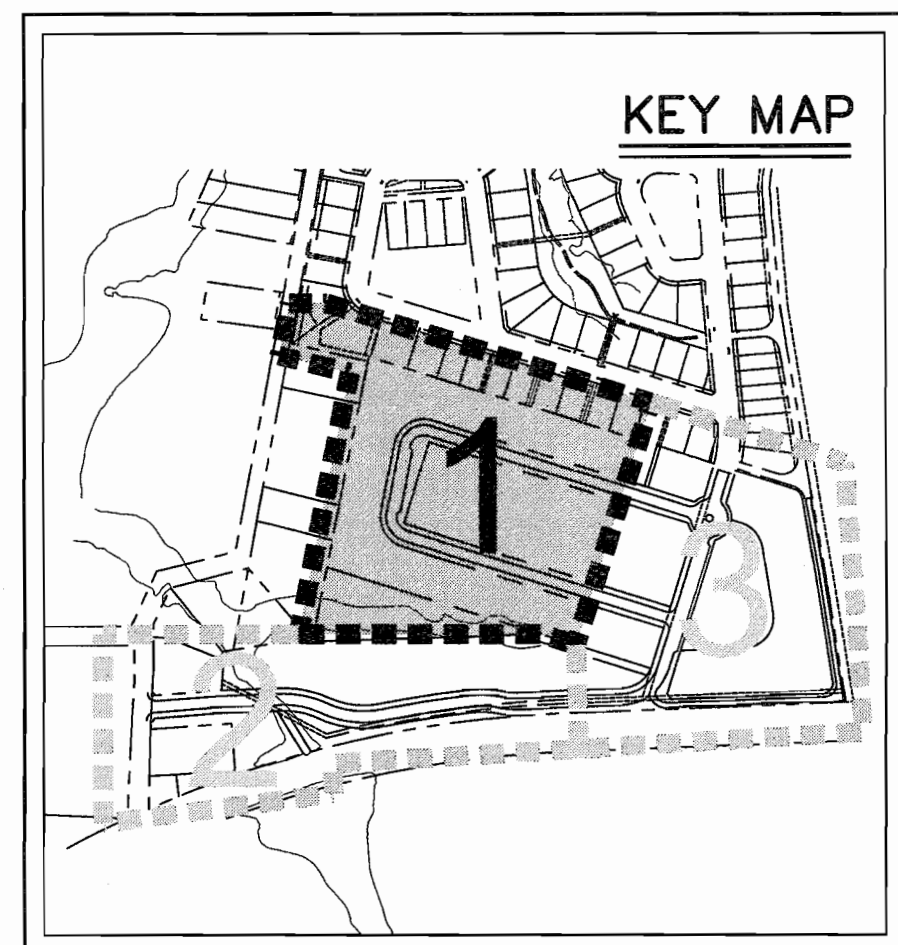


- NOTES**
- SEE SHEET C1 FOR GENERAL NOTES AND GRADING NOTES.
 - SEE SHEETS C17 FOR ENLARGED VIEW OF DETENTION AREA.
 - SEE SHEETS C35-C36 FOR EROSION CONTROL DETAILS AND NOTES.
 - CUT AND FILL SLOPES SHALL BE 4:1 TYPICAL UNLESS OTHERWISE SHOWN.
 - LOT GRADING SHALL BE LIMITED.
 - EXCESS EXCAVATION MAY BE PLACED ON-SITE ONLY AT THE DIRECTION OF THE OWNER.
 - GRADING PLAN SHALL BE SUBMITTED WITH THE BUILDING PERMIT FOR EACH LOT AND APPROVED BY THE ENGINEER.
 - MINIMUM FINISHED FLOOR ELEVATIONS ARE TO BE TWO FEET ABOVE ADJACENT 100-YEAR FLOODPLAIN ACTUAL FINISHED FLOOR OF HOUSES TO BE DETERMINED BY HOMEOWNER.
 - REFER TO GEOTECHNICAL INVESTIGATION FOR PROPOSED DETENTION POND PARK PLACE WEST PHASE III BY GEE CONSULTANTS, INC. REPORT NO. B-118-0102 DATED MARCH 12, 2018 FOR DAM DESIGN RECOMMENDATIONS.
 - THE CONTRACTOR IS TO NOTIFY GEE CONSULTANTS, INC. PRIOR TO CONSTRUCTION OF THE DAM.

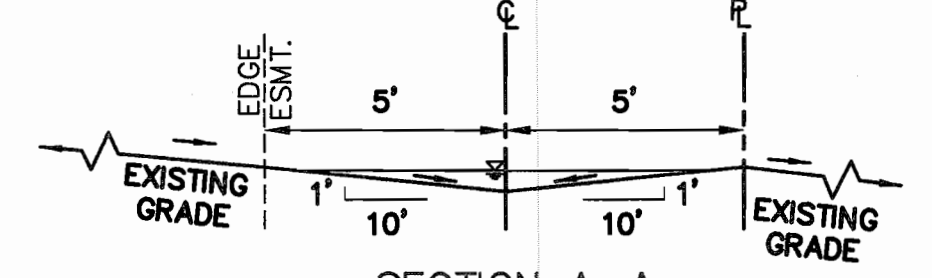
LEGEND

---	EX. CONTOUR INTERVAL
---	PROP. MAJOR CONTOUR
---	PROP. MINOR CONTOUR
---	PROP. FINISHED GRADE
→	PROP. STORM DRAINAGE FLOW
←	PROP. DRAINAGE FLOW DIRECTION
▭	PROPOSED STORM INLET
▲	EXISTING GRADE
■	TOP OF CURB GRADE

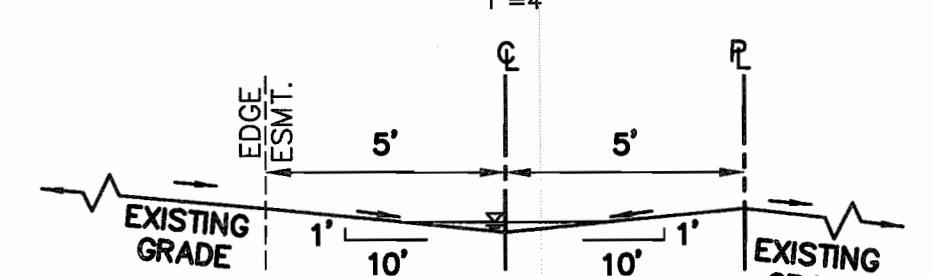


DRAINAGE SWALE NOTES:

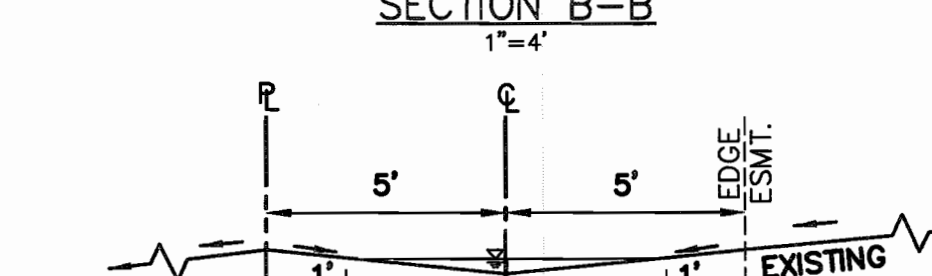
- CONTRACTOR TO GRADE DRAINAGE SWALE AROUND TREES AND WITHIN PRIVATE DRAINAGE ESMT.



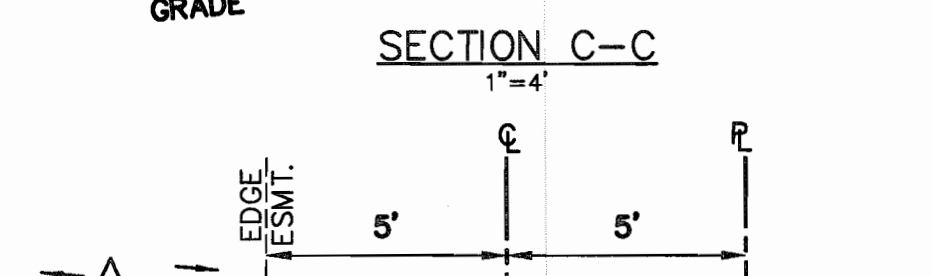
SECTION A-A
 $Q_{100}=5.00$ CFS
 $Q_{CAP}=7.67$ CFS
 $V=2.75$ FPS
 $D=0.43$ FT
 $n=0.03$
 $S=0.0245$ FT/FT
 $TW=8.53$ FT



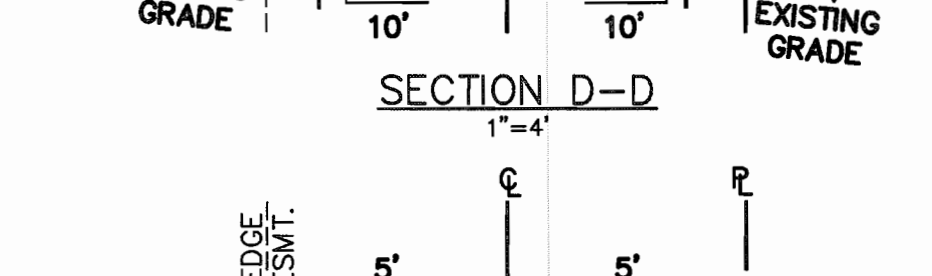
SECTION B-B
 $Q_{100}=0.74$ CFS
 $Q_{CAP}=7.67$ CFS
 $V=1.67$ FPS
 $D=0.21$ FT
 $n=0.03$
 $S=0.0245$ FT/FT
 $TW=4.21$ FT



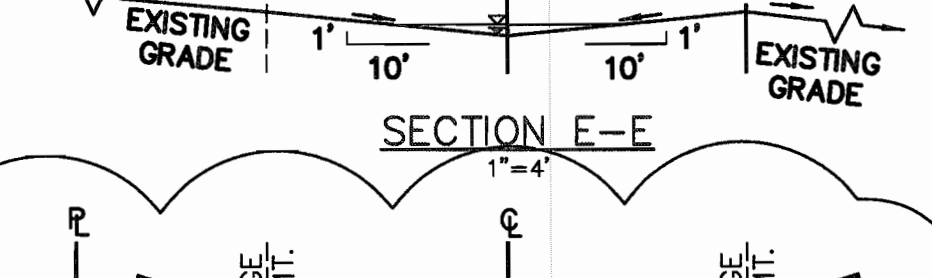
SECTION C-C
 $Q_{100}=1.60$ CFS
 $Q_{CAP}=6.33$ CFS
 $V=1.79$ FPS
 $D=0.30$ FT
 $n=0.03$
 $S=0.0167$ FT/FT
 $TW=5.98$ FT



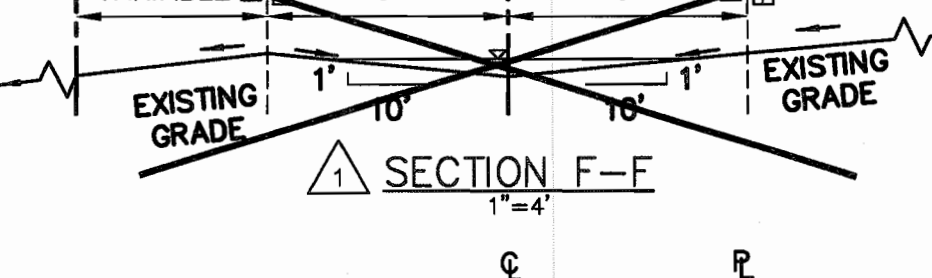
SECTION D-D
 $Q_{100}=4.50$ CFS
 $Q_{CAP}=5.30$ CFS
 $V=2.03$ FPS
 $D=0.47$ FT
 $n=0.03$
 $S=0.0117$ FT/FT
 $TW=9.41$ FT



SECTION E-E
 $Q_{100}=0.78$ CFS
 $Q_{CAP}=5.30$ CFS
 $V=1.30$ FPS
 $D=0.24$ FT
 $n=0.03$
 $S=0.0117$ FT/FT
 $TW=4.90$ FT



SECTION F-F
 $Q_{100}=1.67$ CFS
 $Q_{CAP}=3.46$ CFS
 $V=1.14$ FPS
 $D=0.38$ FT
 $n=0.03$
 $S=0.0050$ FT/FT
 $TW=7.64$ FT



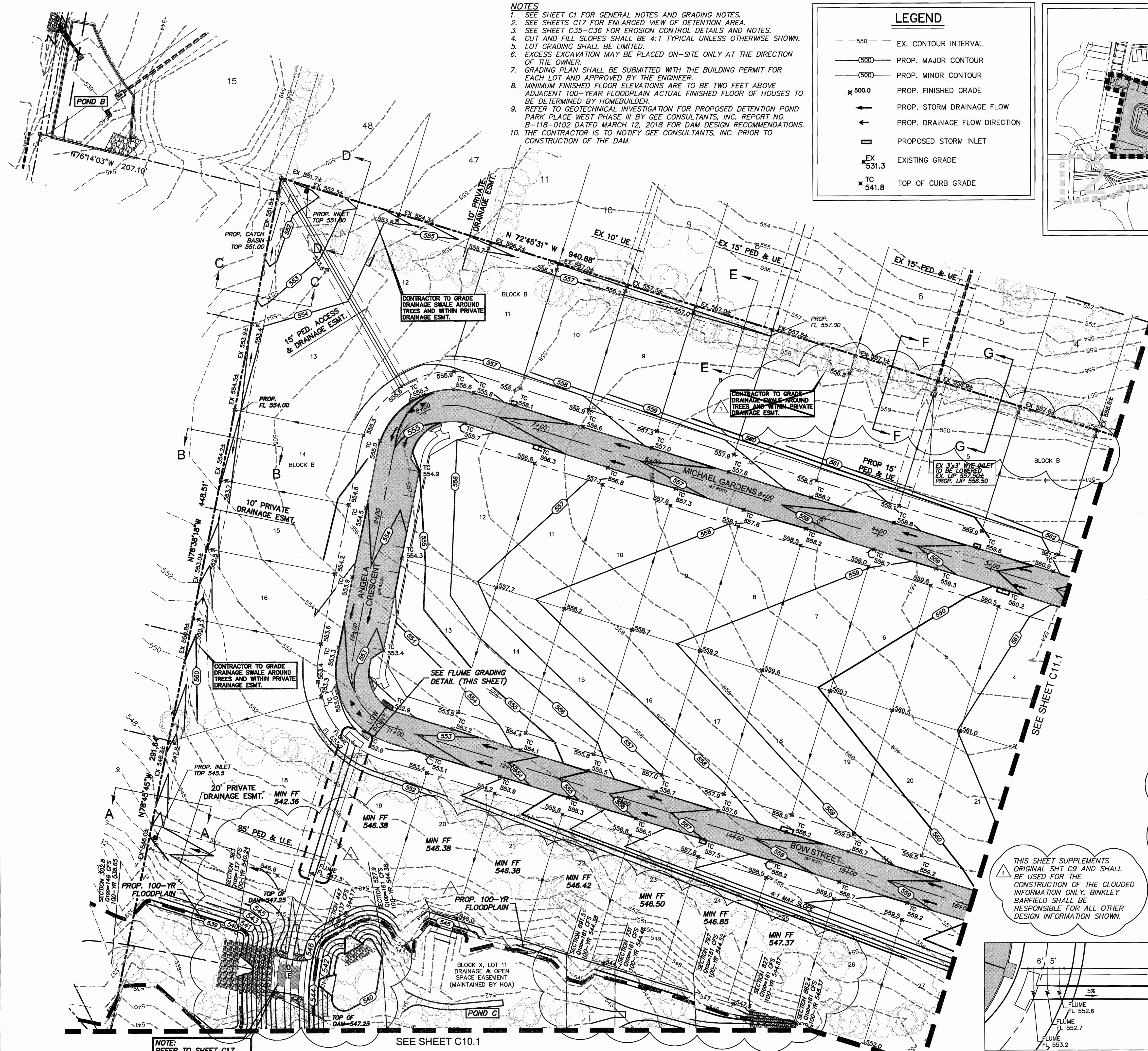
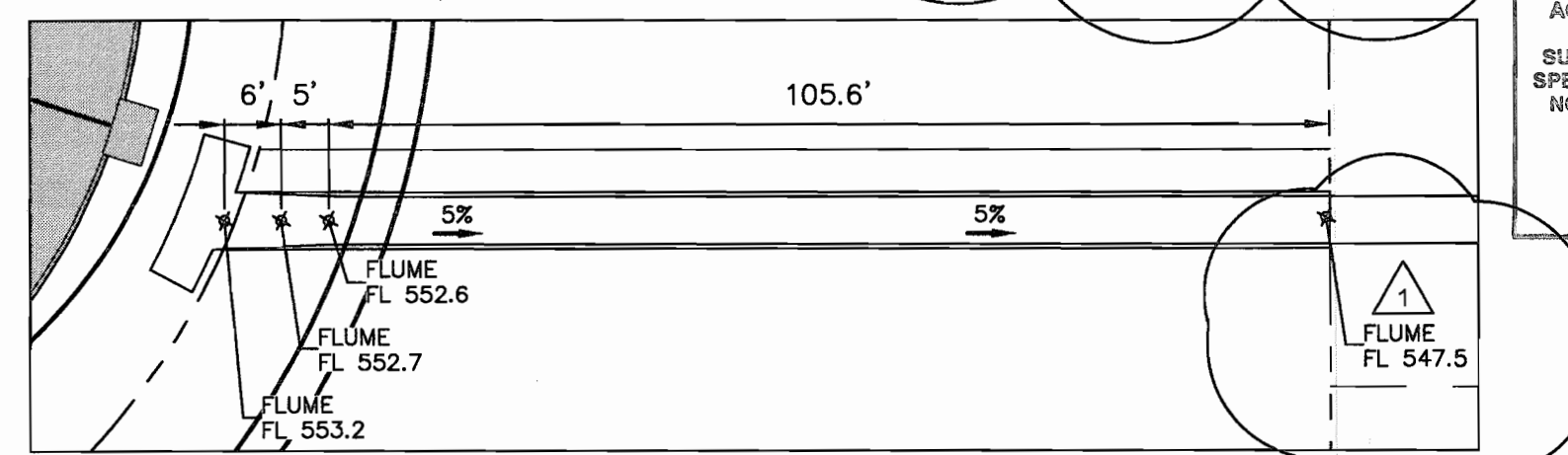
SECTION G-G
 $Q_{100}=4.03$ CFS
 $Q_{CAP}=6.61$ CFS
 $V=2.32$ FPS
 $D=0.42$ FT
 $n=0.03$
 $S=0.0182$ FT/FT
 $TW=8.03$ FT

BENCHMARKS

TBM ON THE SOUTH EDGE OF PAVEMENT OF WASHINGTON STREET AT THE INTERSECTION OF ALUMINUM PLANT ROAD. ELEVATION = 542.91'

TBM ON THE EAST EDGE OF PAVEMENT OF RENFRO STREET APPROXIMATELY 340' SOUTH OF THE INTERSECTION ON HARTMAN. ELEVATION = 533.43'

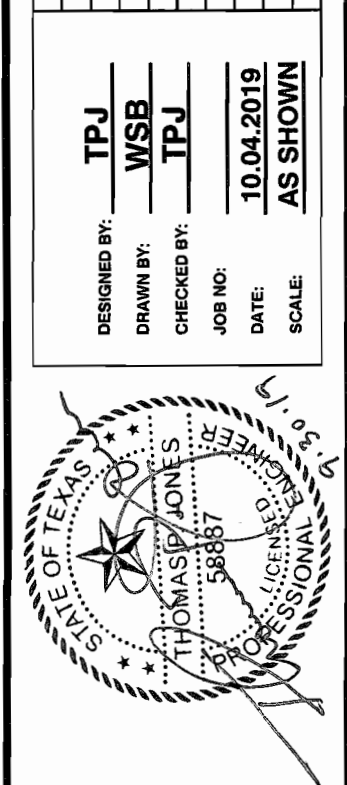
THIS SHEET SUPPLEMENTS ORIGINAL SHT C9 AND SHALL BE USED FOR THE CONSTRUCTION OF THE CLOUDED INFORMATION ONLY. BINKLEY BARFIELD SHALL BE RESPONSIBLE FOR ALL OTHER DESIGN INFORMATION SHOWN.



NOTE: REFER TO SHEET C17 FOR DAM DESIGN NOTES.

SEE SHEET C10.1

DESIGNED BY:	TPJ	DATE:	09.30.2019
DRAWN BY:	WSB	SCALE:	AS SHOWN
CHECKED BY:	TPJ	DESCRIPTION:	FINAL FLOODPLAIN DATA/LOT GRADING
JOB NO.:	10.04.2019		



TOMDEN ENGINEERING, L.L.P.
 5815 MEADOWCREST
 DALLAS, TX 75230
 (214) 679-1679
 FIRM No. 19244
 tjones@tomden.com

PARK PLACE WEST - PHASE III
 R. BALLARD SURVEY ABSTRACT NO. 29
 ROCKWALL, ROCKWALL COUNTY, TEXAS

GRADING PLAN AREA I

Sheet No:
C9.1
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