

SEE DETAIL AREA AND CROSS SECTIONS ON SHEET C7.3

SEE DETAIL AREA ON SHEET C7.2 AND CROSS SECTIONS ON SHEET C7.3

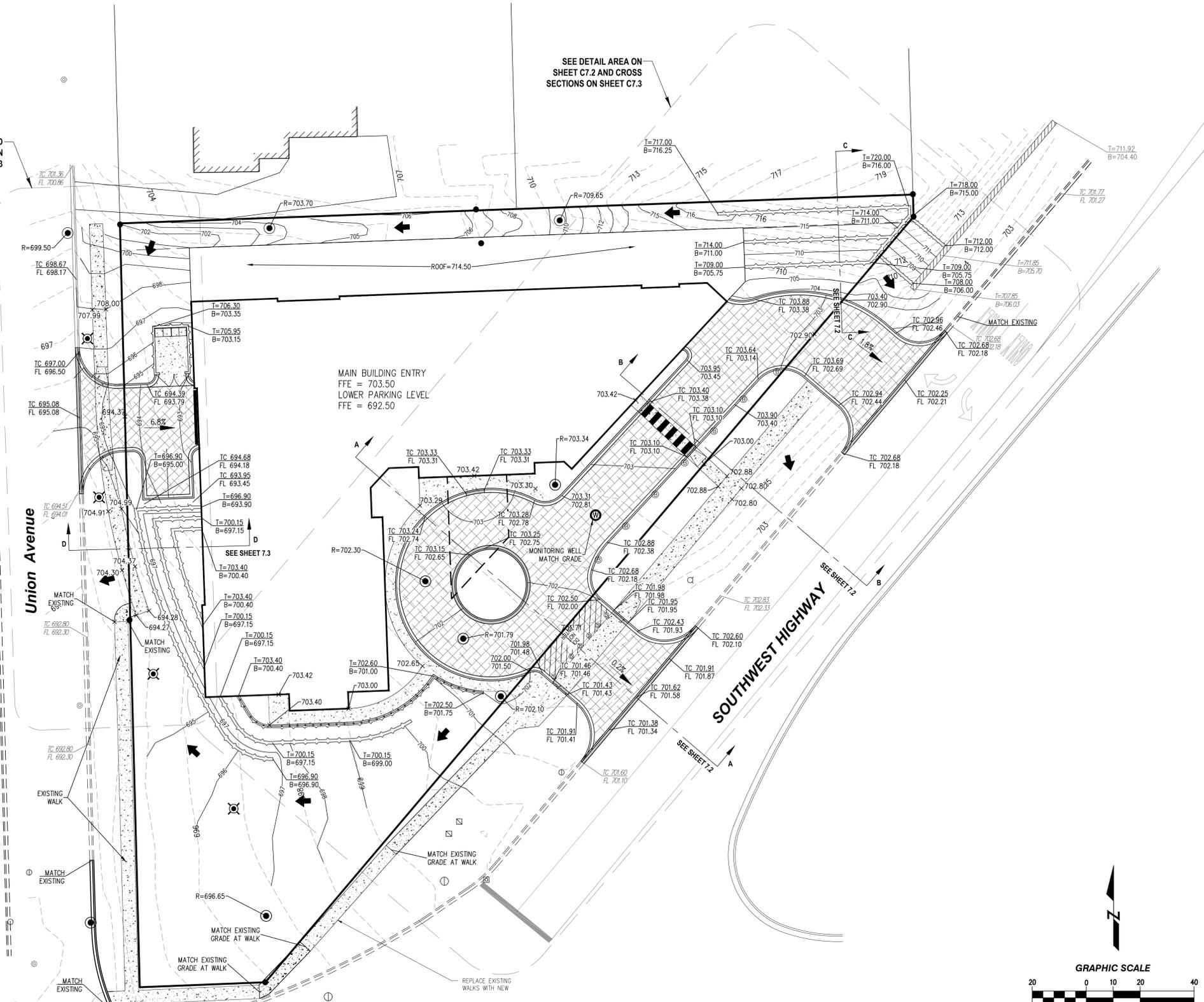
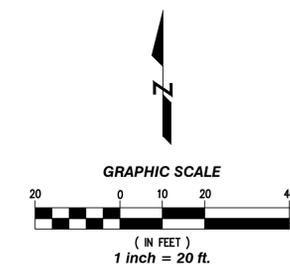
GENERAL GRADING NOTES:

- THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES, SUCH AS WATER MAINS, SEWERS, GAS LINES, ELECTRIC LINES, TELEPHONE LINES, ETC., AS SHOWN ON THE PLANS HAVE BEEN DETERMINED FROM THE BEST AVAILABLE INFORMATION AND IS GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. HOWEVER, THE ENGINEER AND OWNER DO NOT ASSUME RESPONSIBILITY FOR THE ACCURACY OF THE LOCATIONS SHOWN. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT ALL UTILITY COMPANIES AND THEIR FACILITIES SHALL BE LOCATED PRIOR TO ANY WORK.
- EXISTING GRADES AND IMPROVEMENTS ARE SHOWN FROM THE BEST INFORMATION AVAILABLE AND MUST BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCY WITH THE PLAN SHALL BE IMMEDIATELY REPORTED TO THE ENGINEER.
- GRADE ADJUSTMENTS ARE ANTICIPATED TO OCCUR IN THE FIELD AND ARE CONSIDERED INCIDENTAL TO THE CONTRACT COST. ALL WORK AFFECTED BY GRADE ADJUSTMENTS SHALL STOP AND DESIGN ENGINEER NOTIFIED FOR ACCEPTABLE SOLUTION. GENERAL CONTRACTOR TO ASSUME ALL LIABILITY FOR CONTINUING WORK PROGRESS.
- PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL EXPOSE ANY UTILITIES OR OTHER OBSTRUCTIONS TO BE IMPACTED, AND SHALL NOTIFY THE ENGINEER IMMEDIATELY IF THERE ARE ANY CONFLICTS WITH THE PROPOSED GRADE.
- STABILIZED CONSTRUCTION ENTRANCE SHALL CONSIST OF CA-3 STONE BASE 6" DEPTH MINIMUM OVER WOVEN FILTER FABRIC.
- ACCESS TO THE SITE SHALL BE LIMITED TO THE STABILIZED CONSTRUCTION ENTRANCE, UNLESS PRIOR APPROVAL FROM THE CITY/VILLAGE.
- EROSION CONTROL MEASURES SHALL CONFORM TO "PROCEDURES AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL IN ILLINOIS" LATEST EDITION, AND FURTHER MEASURES AS DEEMED NECESSARY. ALL EROSION CONTROL MEASURES WHICH ARE NECESSARY TO MEET THE REQUIREMENTS OF THE CITY/VILLAGE ORDINANCE SHALL BE KEPT OPERATIONAL AND MAINTAINED CONTINUOUSLY THROUGHOUT THE PERIOD OF LAND DISTURBANCE UNTIL PERMANENT SEDIMENT AND EROSION CONTROL MEASURES ARE OPERATIONAL.
- TEMPORARY VEGETATION OR, WHEN APPROPRIATE, MULCHING OR OTHER NONWALKABLE COVER SHALL BE USED TO PROTECT AREAS EXPOSED DURING DEVELOPMENT.
- PERMANENT SEEDING AREAS SHALL RECEIVE 65 LBS/ACRE PERENNIAL RYEGRASS AND 75 LBS/ACRE KENTUCKY BLUEGRASS.
- EROSION CONTROL BLANKET TO BE INSTALLED IN ALL PERMANENT SEEDING AREAS.
- FERTILIZER SHOULD BE APPLIED PRIOR TO LANDSCAPING AT THE FOLLOWING RATES:
NITROGEN 130 LBS/ACRE
PHOSPHORUS 0 LBS/ACRE
POTASSIUM 130 LBS/ACRE
- THE EROSION CONTROL PLAN SHOULD BE INTENDED ONLY FOR EROSION CONTROL. PLEASE REFER TO THE GRADING PLANS FOR DETAILED GRADING INFORMATION.
- ALL PARKWAYS DISTURBED DURING CONSTRUCTION TO BE RESTORED TO CITY/VILLAGE SPECIFICATIONS.
- SEDIMENT AND EROSION CONTROL DEVICES SHALL BE FUNCTIONAL BEFORE LAND IS OTHERWISE DISTURBED ON THE SITE. ALL SILT FENCE SHALL BE ERRECTED AND APPROVED BY THE CITY/VILLAGE PRIOR TO CONSTRUCTION.
- ALL MAINTENANCE AND INSPECTION OF DESCRIBED EROSION CONTROL MEASURES SHOWN ON THIS PLAN SHALL BE IN ACCORDANCE WITH CHAPTER 6 OF "PROCEDURES AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL IN ILLINOIS."
- PLEASE REFER TO DETAILS FOR FURTHER SPECIFICATIONS AND DETAILS OF DESCRIBED EROSION CONTROL MEASURES.
- IF A STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN THREE DAYS, THEN SEDIMENTATION AND EROSION CONTROL MEASURES SHALL BE PROVIDED FOR THE STOCKPILE.
- GRAVELED ROADS, ACCESS DRIVES, PARKING AREAS OF SUFFICIENT WIDTH AND LENGTH, AND VEHICLE WASH DOWN FACILITIES IF NECESSARY, SHALL BE PROVIDED TO PREVENT THE DEPOSIT OF SOIL FROM BEING TRACKED ONTO PUBLIC OR PRIVATE ROADWAYS. ANY SOIL REACHING A PUBLIC OR PRIVATE ROADWAY SHALL BE REMOVED BEFORE THE END OF EACH WORKDAY. CONTRACTOR TO CLEAN PUBLIC ROADWAYS DAILY OR AS DIRECTED BY ENGINEER OR CITY/VILLAGE.
- IF THE VOLUME, VELOCITY, SEDIMENT LOAD OR PEAK FLOW RATES OF STORMWATER RUNOFF ARE TEMPORARILY INCREASED DURING CONSTRUCTION, THEN THE PROPERTIES AND SPECIAL MANAGEMENT AREAS DOWNSTREAM FROM SUCH DEVELOPMENT SHALL BE PROTECTED FROM EROSION.
- THE SURFACE OF STRIPPED AREAS SHALL BE PERMANENTLY OR TEMPORARILY PROTECTED FROM SOIL EROSION WITHIN FIFTEEN DAYS AFTER FINAL GRADE IS REACHED. STRIPPED AREAS THAT WILL REMAIN UNDISTURBED FOR MORE THAN FIFTEEN DAYS AFTER INITIAL DISTURBANCE SHALL BE PROTECTED FROM EROSION. TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES SHALL BE MAINTAINED CONTINUOUSLY UNTIL PERMANENT COVER IS ESTABLISHED.
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- ALL RIM ELEVATIONS OF STORM STRUCTURES LOCATED IN CURB & GUTTER ARE TO FLOW LINE UNLESS NOTED.
- ADJUSTMENTS TO EXISTING UTILITY FRAMES AND GRATES MAY BE REQUIRED BY THE CONTRACTOR. CONTRACTOR TO FIELD VERIFY ALL FRAMES AND GRATES FOR EXISTING ELEVATIONS AND NOTE WHICH STRUCTURES WILL REQUIRE ADJUSTMENT. ALL ADJUSTMENTS ARE CONSIDERED INCIDENTAL TO THE CONTRACT.
- TEMPORARY RETAINING WALL TO BE MADE OF SEGMENTED BLOCK WALL AND SHALL INCLUDE GEOGRID REINFORCING AND GRAVEL BACKFILL. ALL RETAINING WALLS INCLUDING TEMPORARY RETAINING WALL SHALL BE DESIGNED BY STRUCTURAL ENGINEER.

LEGEND

ELEVATION TABLE

TC XXX.XX	TOP OF CURB
FL XXX.XX	FLOWLINE
MATCH	= MATCH EXISTING ELEVATION
EXISTING SPOT GRADES	= xxx.x
	OVERLAND FLOW ARROW
	EXISTING DRAINAGE ARROW
	PROPOSED DRAINAGE ARROW
	PROPOSED CONTOUR
	EXISTING CONTOUR



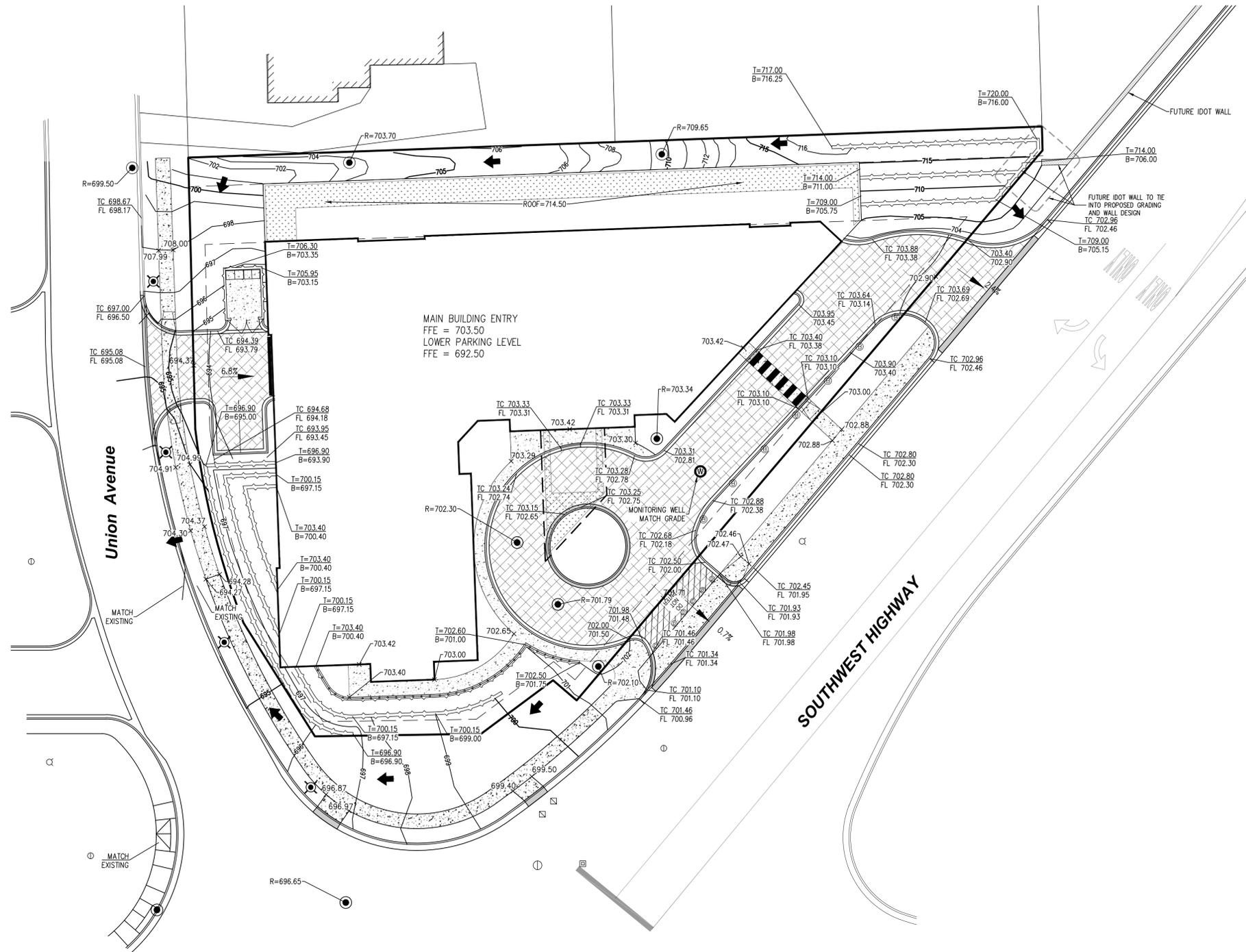
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THE POINTE
14250 SOUTHWEST HIGHWAY
ORLAND PARK, IL 60462

GRADING PLAN - EXISTING ROAD		DRAWN BY: TEP	CHECKED BY: CML
		SCALE: 1" = 20'	DATE: 04/18/19
		JOB NUMBER: 19-108	SHEET: C 7.0

**Consulting Civil Engineering
Land Planning & Surveying**
825 N. Cass Avenue, Suite 106
Westmont, Illinois 60559
phone: 630-381-4819
Design Firm Number
184003041-0012

#	DATE	DESCRIPTION
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2	01-03-2020	PER VILLAGE REVIEW
3	05-28-2020	PER VILLAGE & DOT REVIEW
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8		

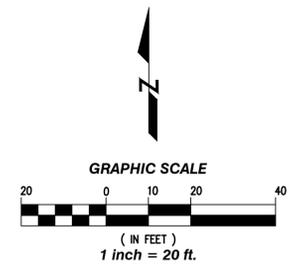


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LEGEND

- ELEVATION TABLE**
- | | |
|--------|--------------|
| xxx.xx | TOP OF CURB |
| xxx.xx | EDGE OF PAVT |
- MATCH = MATCH EXISTING ELEVATION
- EXISTING SPOT GRADES = xxx.x
- ➔ OVERLAND FLOW ARROW
- ~~~ EXISTING DRAINAGE ARROW
- ➔ PROPOSED DRAINAGE ARROW
- PROPOSED CONTOUR
- EXISTING CONTOUR



THE POINTE

14250 SOUTHWEST HIGHWAY
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GRADING PLAN - FUTURE ROAD

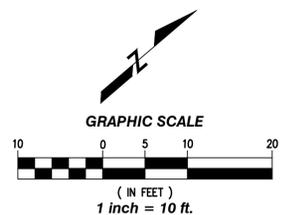
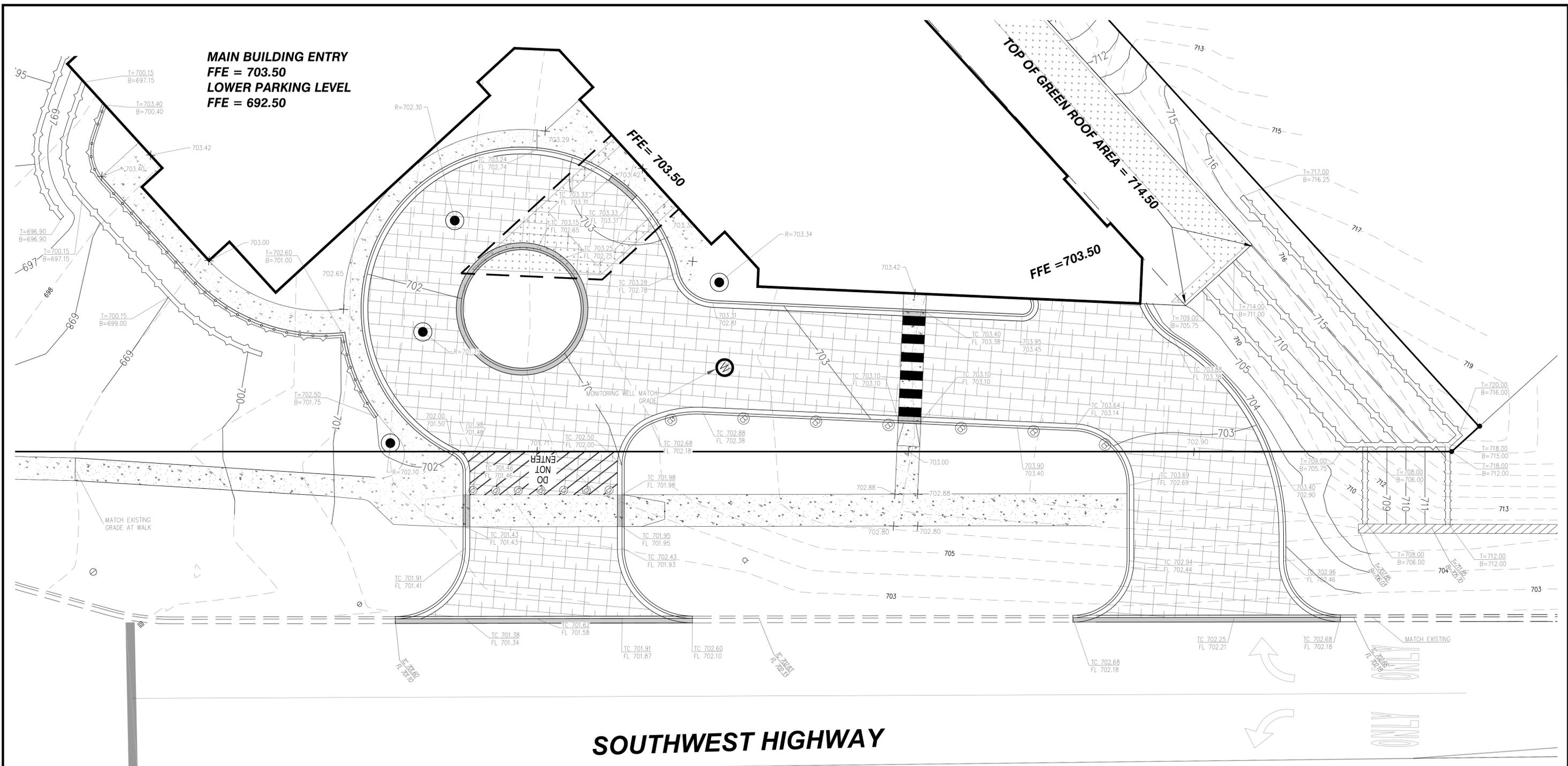
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SCALE: 1" = 20'	DATE: 04/18/19
JOB NUMBER: 19-108	SHEET: C 7.1

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8		

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MAIN BUILDING ENTRY
FFE = 703.50
LOWER PARKING LEVEL
FFE = 692.50



LEGEND

- ELEVATION TABLE**
- TC XXX.XX TOP OF CURB
 - FL XXX.XX FLOWLINE
 - MATCH = MATCH EXISTING ELEVATION
 - EXISTING SPOT GRADES = xxxx
 - ➔ OVERLAND FLOW ARROW
 - ~~~ EXISTING DRAINAGE ARROW
 - ➔ PROPOSED DRAINAGE ARROW
 - PROPOSED CONTOUR
 - - - - - EXISTING CONTOUR

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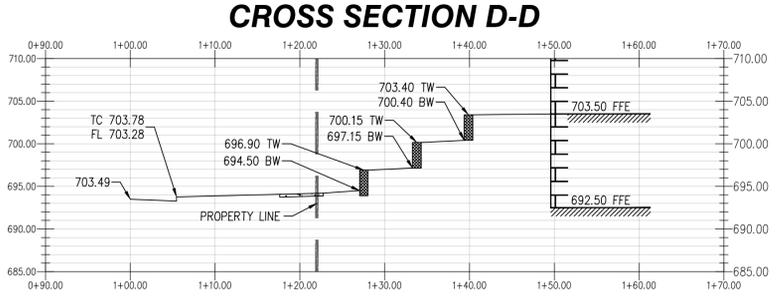
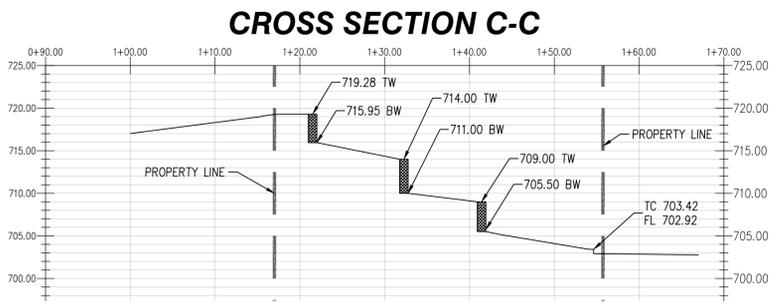
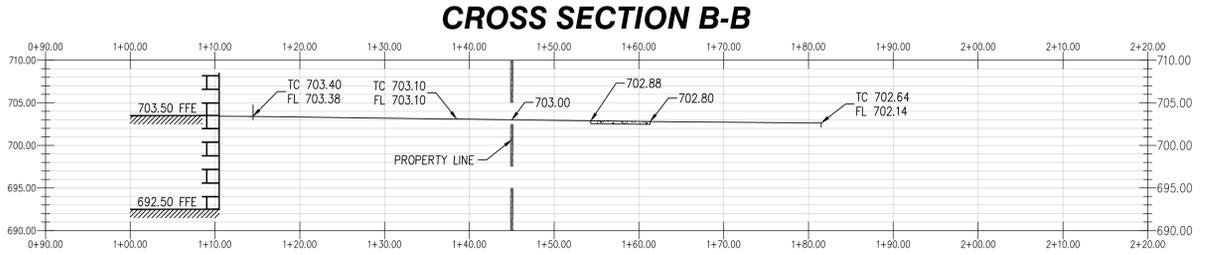
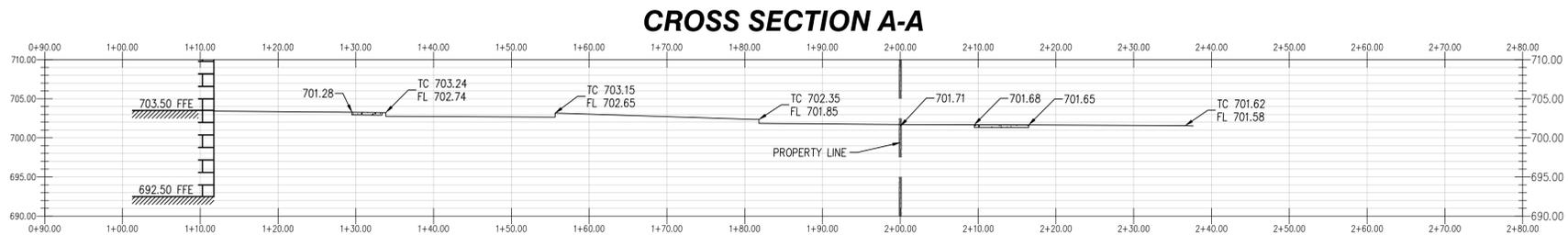
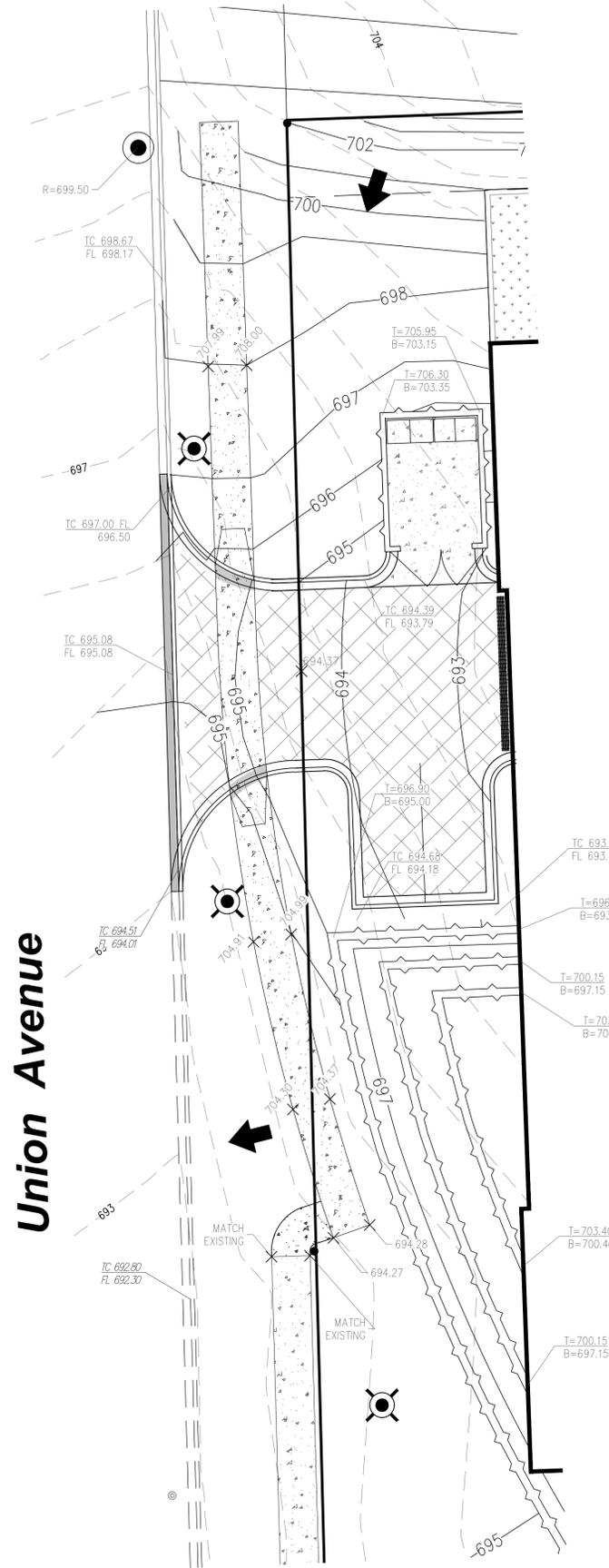
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GRADING PLAN - DETAIL AREAS 1

DRAWN BY: TEP CHECKED BY: CML
 SCALE: 1" = 10' DATE: 04/18/19
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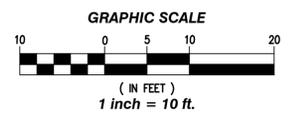


LEGEND

ELEVATION TABLE	
TC XXX.XX	TOP OF CURB
FL XXX.XX	FLOWLINE
MATCH	= MATCH EXISTING ELEVATION
EXISTING SPOT GRADES	= xxx.xx
	OVERLAND FLOW ARROW
	EXISTING DRAINAGE ARROW
	PROPOSED DRAINAGE ARROW
	PROPOSED CONTOUR
	EXISTING CONTOUR

SCALE
1"=10' H
1"=10' V

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GRADING PLAN - DETAIL AREAS 2		DRAWN BY: TEP	CHECKED BY: CML
		SCALE: 1" = 10'	DATE: 04/18/19
		JOB NUMBER: 19-108	SHEET: C 7.3

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