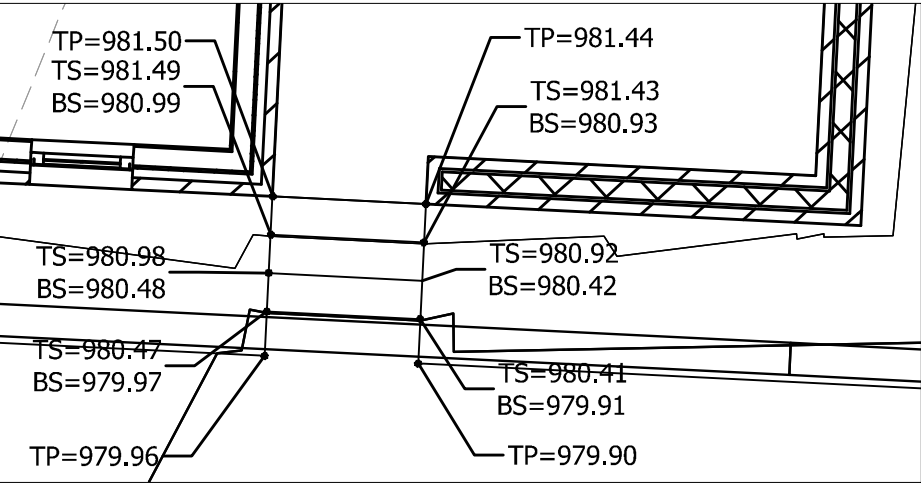


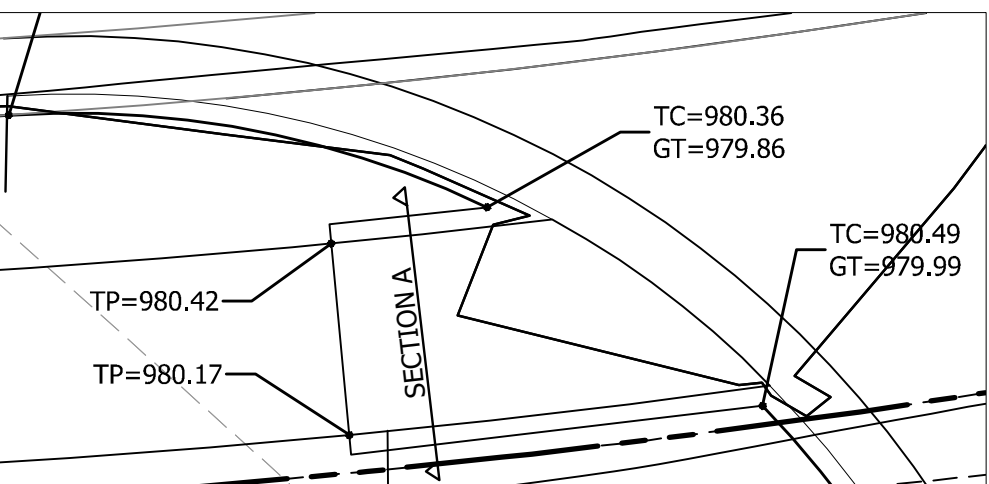
CALLOUT LEGEND	
HP	= HIGH POINT
LP	= LOW POINT
TC	= TOP OF CURB
GT	= GUTTER
TP	= TOP OF PAVEMENT
FG	= FINISHED GRADE
TW	= TOP OF WALL
BW	= BOTTOM OF WALL
TS	= TOP OF STEP
BS	= BOTTOM OF STEP

SEGMENTAL BLOCK RETAINING WALL

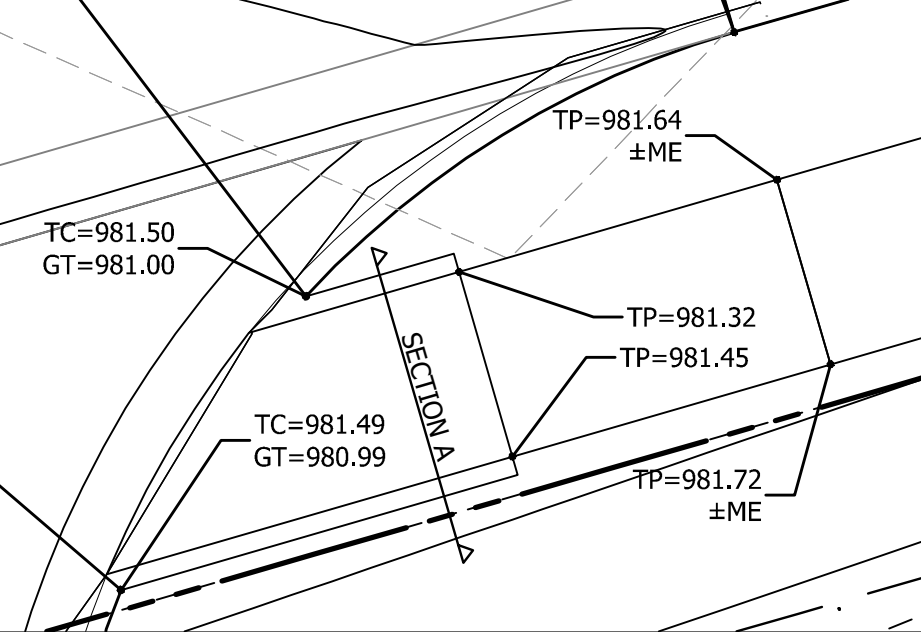
216 FT LONG RETAINING WALL. INSTALL TWO STACKED ROWS OF BIG BLOCK BRAND 24" FULL BLOCK RETAINING WALL BLOCKS OR ENGINEER APPROVED EQUAL. EACH BLOCK DIMENSION SHALL BE 18" HIGH x 48" WIDE x 24" DEEP. FIRST ROW SHALL BE COMPLETELY BURIED. THE FACE OF THE SECOND ROW SHALL BE EXPOSED. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.



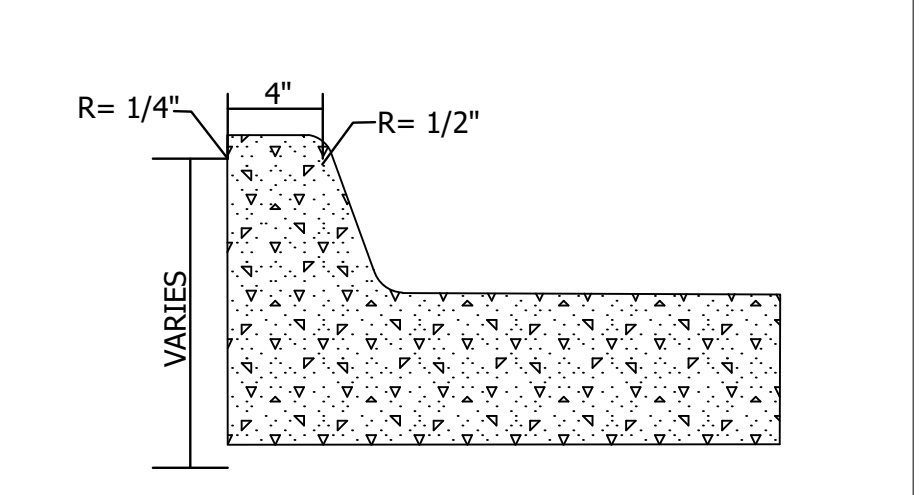
PATIO STEP GRADING DETAIL:
NTS



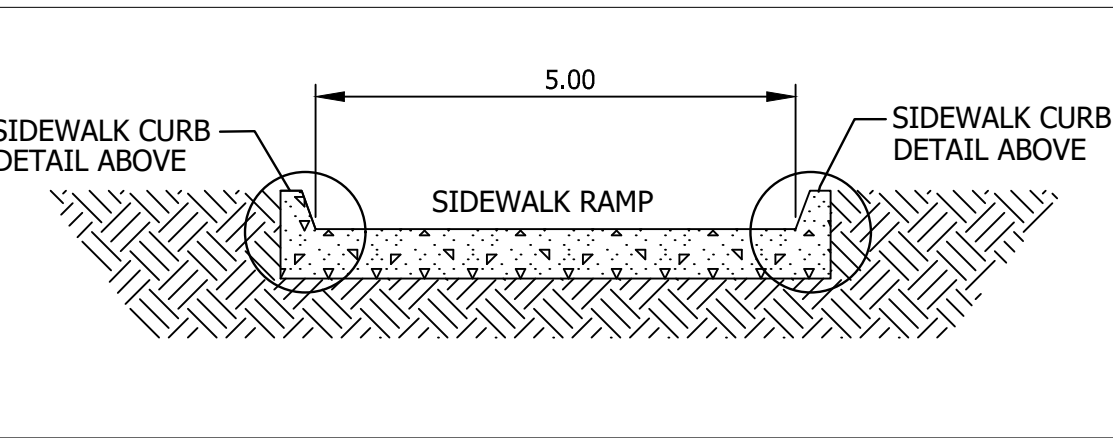
WEST COMMERCIAL ENTRANCE- ADA RAMP WEST
NTS



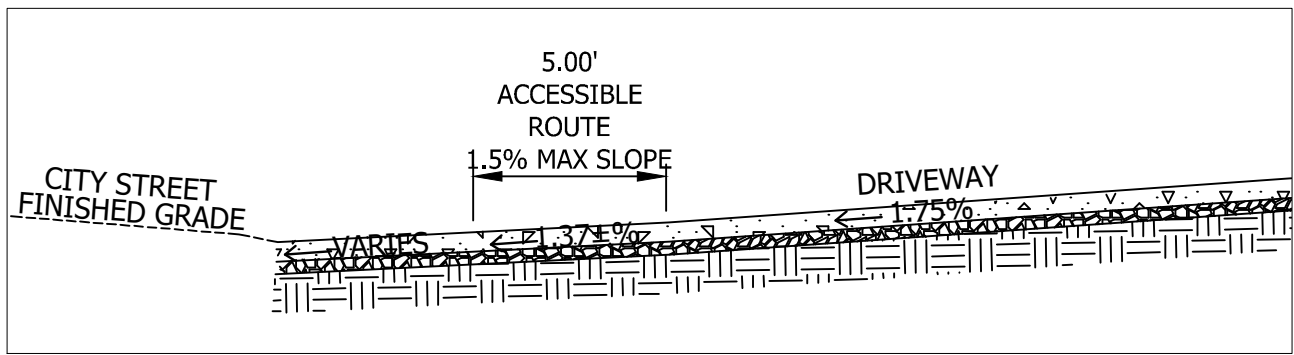
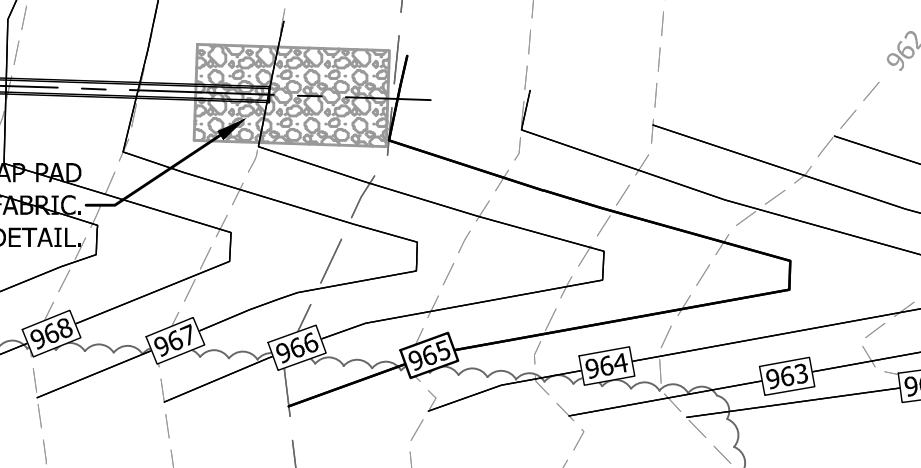
WEST COMMERCIAL ENTRANCE- ADA RAMP EAST
NTS



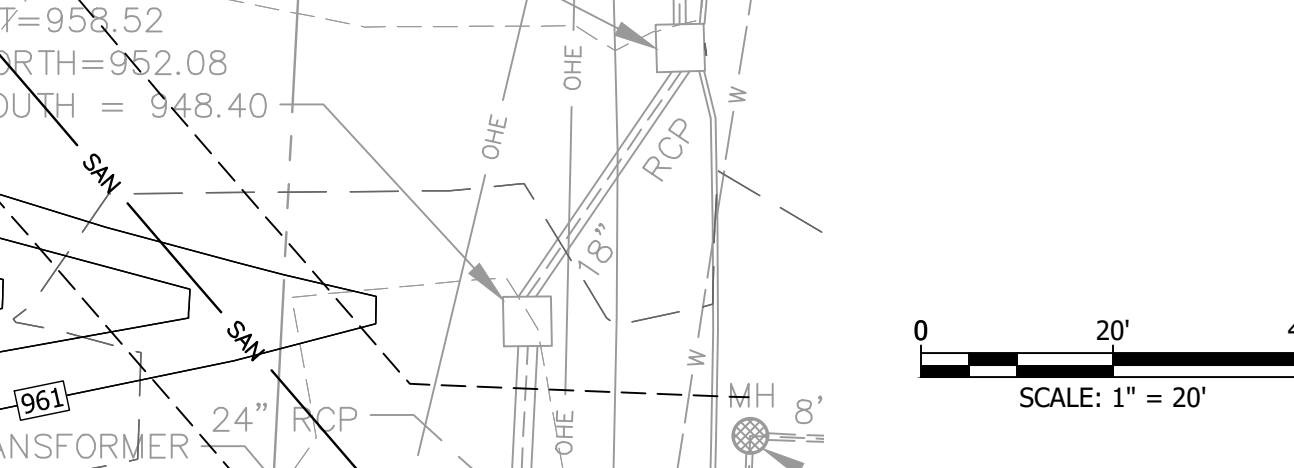
SIDEWALK CURB DETAIL
NTS



SECTION A- ADA RAMP CROSS SECTION
NTS



SECTION B- SECTION OF ACCESSIBLE PATH ON DRIVEWAY
NTS



GRADING NOTES:

- ALL QUANTITIES SHALL BE CALCULATED BY THE CONTRACTOR AND INCLUDE ALL SUBSIDIARY ITEMS NECESSARY TO COMPLETE THE WORK.
- THE CONTRACTOR SHALL ASSUME NO ROCK EXCAVATION AS PART OF MASS GRADING OR UTILITY CONSTRUCTION. CONTRACTOR SHALL PROVIDE A UNIT PRICE ESTIMATE FOR ROCK EXCAVATION AS NECESSARY WITH BID.
- THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS REQUIRED FOR THE SITE GRADING.
- THE CONTRACTOR SHALL OBTAIN A COPY OF THE GEOTECHNICAL REPORT (IF APPLICABLE) AND SHALL BECOME FAMILIAR WITH ALL SOIL CONDITIONS AND RECOMMENDATIONS.
- ALL AREAS DISTURBED DURING THE PROGRESS OF THIS PROJECT SHALL BE FINISHED WITH 6" (MIN.) OF TOPSOIL AND GRADED/RESTORED TO EXISTING CONDITIONS PRIOR TO DISTURBANCE.
- ALL AREAS SHALL SLOPE AWAY FROM PROPOSED BUILDING.
- ALL GROUND SURFACES SHALL VARY UNIFORMLY BETWEEN INDICATED ELEVATIONS.
- GRADING PLAN REFLECTS TOP OF TURF OR PAVEMENT ELEVATION UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL PROVIDE AND MAINTAIN POSITIVE DRAINAGE DURING ALL PHASES OF CONSTRUCTION.
- EXISTING UTILITIES AS SHOWN ARE APPROXIMATE LOCATIONS ONLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES PRIOR TO THE START OF CONSTRUCTION WORK. ANY DAMAGE TO EXISTING STRUCTURES, UTILITIES, FENCES, AND/OR INCIDENTALS NOT DESIGNATED FOR REMOVAL SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- ALL PROPOSED SIDEWALKS SHALL HAVE A MINIMUM OF 1% CROSS SLOPE AND A MAXIMUM CROSS SLOPE OF 1.5%.
- THE CONTRACTOR IS RESPONSIBLE FOR THE PROVISION OF ALL MATERIALS, TOOLS, EQUIPMENT AND LABOR NECESSARY TO CONTROL EROSION, SILTATION AND DISCHARGES OF FILL MATERIAL (SEDIMENT) INTO DOWNSTREAM SYSTEMS OR RECEIVING CHANNELS. THIS SHALL BE REQUIRED DURING ALL PHASES OF CONSTRUCTION AND UNTIL SUITABLE GROUND COVER IS ESTABLISHED FOR ALL DISTURBED AREAS. IF ANY METHOD OF CONTROL FAILS, THE CONTRACTOR SHALL NOTIFY THE OWNER IMMEDIATELY, SO THAT THE OWNER OR HIS AGENT CAN REVIEW THE CONTRACTOR'S PROPOSED METHOD OF REPAIR. REFER TO EROSION CONTROL SHEET FOR MORE NOTES AND INFORMATION.
- ALL DISTURBED AREAS SHALL BE SEEDED, FERTILIZED AND MULCHED, OR SODDED, IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS ADOPTED BY THE REVIEWING GOVERNING AGENCY. THIS SHALL BE COMPLETED WITHIN SEVEN (7) DAYS AFTER COMPLETING THE WORK, IN ANY AREA. IF THIS IS OUTSIDE THE SEASONAL SEEDING PERIOD, SILT FENCES SHALL BE INSTALLED AS REQUIRED UNTIL SUCH TIME THAT THE AREA(S) CAN BE SEEDED.
- SILT FENCES REQUIRE MAINTENANCE TO PRESERVE THEIR EFFECTIVENESS. ALL SILT FENCES SHALL BE INSPECTED IMMEDIATELY AFTER EACH HEAVY RAINSTORM AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY. WHEN SEDIMENT DEPOSITS REACH APPROXIMATELY ONE-HALF THE HEIGHT OF THE SILT FENCE, THE SEDIMENT SHALL BE REMOVED OR A SECOND SILT FENCE SHALL BE INSTALLED. ALL COSTS ASSOCIATED WITH THIS WORK, INCLUDING RELATED INCIDENTALS, WILL BE THE CONTRACTOR'S RESPONSIBILITY AND SHALL BE INCLUDED IN THE CONTRACTOR'S BID FOR THE PROPOSED WORK.
- THE CONTRACTOR SHALL NOT PERFORM FINAL GRADING OR SEEDING UNTIL ALL UTILITY INSTALLATIONS ARE COMPLETE.
- AT ALL BUILDING EXITS ENSURE MINIMUM OF 5' LANDING DEPTH (IN DIRECTION OF TRAVEL) AT 2% MAXIMUM SLOPE. NO SIDEWALK IS TO EXCEED 5% SLOPE UNLESS IT IS AN ADA COMPLIANT RAMP.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING AND PROTECTING ALL SURVEY STAKES (CONSTRUCTION STAKES, CONTROL POINTS, REFERENCE POINTS, BENCH MARKS, PROPERTY AND OFFSET CORNERS, AND ALL OTHER ESSENTIAL HORIZONTAL AND VERTICAL SURVEY CONTROL POINTS) UNTIL CONSTRUCTION ACTIVITY IS COMPLETED. THE CONTRACTOR SHALL PAY FOR RE-STAKING ANY SURVEY STAKES THAT ARE DESTROYED.

Bartlett & West
www.bartlettwest.com

JOB NUMBER
- 17016 -
ISSUE DATE
- 08/23/2018 -
REVISIONS

Williams Spurgeon
Kuhl & Freshnock
Architects, Inc. © 2018



LEE'S SUMMIT STATION #3
PRYOR ROAD
LEE'S SUMMIT, MO 64081

Williams
Spurgeon
Kuhl &
Freshnock
Architects, Inc.
Missouri Certificate of Authority
#2003011262

GRADING PLAN

C4.0

12/1/2017 2:47:28 PM
M:\2017\17016 - Lee's Summit
Fire Station 31 - Drawings\17016
preliminary design plan.rvt

110 Armour Road North Kansas City, Missouri 64116 Tel. 816.300.4101 Fax 816.300.4102