



GENERAL NOTES

- ALL MATERIALS AND WORKMANSHIP SHALL BE IN CONFORMANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF THE APPROPRIATE GOVERNING AGENCY. THE CONTRACTOR SHALL HAVE IN HIS POSSESSION AT ALL TIMES ONE (1) SIGNED COPY OF THE PLANS, STANDARDS, AND SPECIFICATIONS AS APPROVED BY THE APPROPRIATE GOVERNING AGENCY. THE CONTRACTOR SHALL OBTAIN WRITTEN APPROVAL FOR ANY VARIANCE TO THE ABOVE DOCUMENTS.
- CONTRACTOR SHALL OBTAIN, AT HIS OWN EXPENSE, ALL APPLICABLE CODES, LICENSES, STANDARDS, SPECIFICATIONS, PERMITS, BONDS, ETC. WHICH ARE NECESSARY TO PERFORM THE PROPOSED WORK.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE ARCHITECT/ENGINEER OF ANY PROBLEM IN CONFORMING TO THE APPROVED PLANS FOR ANY ELEMENT OF THE PROPOSED IMPROVEMENTS PRIOR TO ITS CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE APPROPRIATE GOVERNING AGENCIES AT LEAST 48 HOURS PRIOR TO START OF ANY CONSTRUCTION. IF WORK IS SUSPENDED FOR ANY PERIOD OF TIME AFTER INITIAL START-UP, THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE GOVERNING AGENCIES 48 HOURS PRIOR TO RESTART.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE APPROPRIATE FIRE DEPARTMENT OF ALL STREET CLOSINGS AND EXISTING FIRE HYDRANTS TAKEN OUT OF SERVICE AT LEAST 48 HOURS PRIOR TO THE START OF CONSTRUCTION.
- THE CONTRACTOR SHALL NOTIFY ALL PUBLIC UTILITY COMPANIES AND DETERMINE THE LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO PROCEEDING WITH CONSTRUCTION. ALL WORK PERFORMED IN THE AREA OF PUBLIC UTILITIES SHALL BE PERFORMED ACCORDING TO THE REQUIREMENTS OF THESE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ANY EXISTING UTILITY (INCLUDING DEPTH) WHICH MAY CONFLICT WITH THE PROPOSED CONSTRUCTION PRIOR TO PROCEEDING WITH CONSTRUCTION. THE CONTRACTOR SHALL PROTECT, AT HIS OWN EXPENSE, ALL EXISTING UTILITIES AND BE RESPONSIBLE FOR THEIR REPAIR IF THEY ARE DAMAGED DURING CONSTRUCTION.
- ALL KNOWN EXISTING UTILITIES ARE SHOWN IN APPROXIMATE LOCATIONS ON THE PLANS. THE ACTUAL LOCATION MAY VARY FROM THE PLANS, ESPECIALLY IN THE CASE OF UNDERGROUND UTILITIES. WHENEVER CONTRACTOR DISCOVERS A DISCREPANCY IN LOCATIONS, HE SHALL CONTACT THE ARCHITECT/ENGINEER IMMEDIATELY.
- ANY CONSTRUCTION DEBRIS OR MUD DROPPED INTO MANHOLES, INLETS, PIPES OR TRACKED ONTO EXISTING ROADWAYS SHALL BE REMOVED IMMEDIATELY BY THE CONTRACTOR. THE CONTRACTOR SHALL REPAIR ANY EXCAVATIONS OR PAVEMENT FAILURES CAUSED BY HIS CONSTRUCTION. THE CONTRACTOR SHALL PROPERLY BARRICADE THE CONSTRUCTION SITE UNTIL CONSTRUCTION IS COMPLETE.
- THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS AT AND ADJACENT TO THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAGMEN, OR OTHER DEVICES NECESSARY TO PROVIDE FOR PUBLIC SAFETY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL AND REPLACEMENT OF ALL MATERIALS WITHIN DEDICATED RIGHT-OF-WAYS AND ALL MATERIALS AND WORKMANSHIP SHALL MEET THE ROADWAY DESIGN AND CONSTRUCTION STANDARDS OF THE APPROPRIATE GOVERNING AGENCY.
- THE CONTRACTOR SHALL PROTECT ALL WORK AREAS AND FACILITIES FROM WATER AT ALL TIMES. AREAS AND FACILITIES SUBJECTED TO FLOODING, REGARDLESS OF THE SOURCE OF WATER SHALL BE PROMPTLY DEWATERED AND RESTORED AT NO COST TO THE OWNER.
- WATER SHALL BE USED AS A DUST PALLIATIVE WHERE REQUIRED. LOCATIONS AND FREQUENCIES SHALL BE TO THE SATISFACTION OF THE ARCHITECT/ENGINEER. WATER WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE WORK.
- THE CONTRACTOR SHALL PROVIDE ALL LABOR AND MATERIALS AND SHALL CONDUCT ALL TESTING AS REQUIRED BY THE ARCHITECT/ENGINEER PRIOR TO ACCEPTANCE.
- CONSTRUCTION SHALL BE CONDUCTED SUCH THAT ACCESS TO ALL DRIVEWAYS IS MAINTAINED THROUGHOUT THE DURATION OF CONSTRUCTION.
- FOR FILL AREAS, SURFACE GRADES SHALL BE WITHIN ONE FOOT OF FINISHED GRADE AND VERIFICATION OF COMPACTION OBTAINED AND SUBMITTED TO THE APPROPRIATE GOVERNING AGENCY FOR THEIR REVIEW PRIOR TO PIPELINE INSTALLATION.
- NO WORK SHALL BE BACKFILLED (INCLUDING BEDDING MATERIAL ABOVE THE SPRING LINE OF THE PIPE) UNTIL THE CONSTRUCTION HAS BEEN INSPECTED AND APPROVED FOR BACKFILLING BY THE APPROPRIATE GOVERNING AGENCY.
- ALL BACKFILL MATERIAL SHALL BE COMPACTED IN ACCORDANCE WITH THE APPROPRIATE GOVERNING AGENCY. COMPACTION TESTS SHALL BE SUBMITTED TO THE APPROPRIATE GOVERNING AGENCY PRIOR TO FINAL ACCEPTANCE.
- ALL SITE CONCRETE SHALL BE A MINIMUM OF CLASS A, TYPE II CEMENT, WITH A 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI. ANY CONCRETE THAT HAS THE POSSIBILITY OF BEING SUBJECTED TO VEHICULAR LOADS, SUCH AS DRIVE APRONS OR SIDEWALKS IN FIRE LANES, SHALL BE A CDOT TYPE P CONCRETE WITH A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4500 PSI. SEE TECHNICAL SPECIFICATIONS FOR DETAILS AND SPECIFIC INFORMATION.
- ALL RIM ELEVATIONS OF MANHOLES, CLEANOUTS, VALVES, METERS, ETC. SHALL BE ADJUSTED TO FINISHED GRADE, UNLESS SPECIFICALLY DIRECTED OTHERWISE.
- ALL HORIZONTAL CONTROL AND SPOT ELEVATIONS ARE TO THE FLOWLINE OF THE CURB UNLESS NOTED OTHERWISE.
- HORIZONTAL CONTROL FOR CURB INLETS IS AT THE CENTER OF THE INLET ON THE FLOWLINE OF THE CURB. HORIZONTAL CONTROL FOR ALL OTHER STRUCTURES IS AT THE CENTER OF THE STRUCTURE.
- TEMPORARY FLOOD AND SEDIMENT CONTROL FACILITIES SHALL BE CONSTRUCTED OR PUT IN PLACE PRIOR TO THE COMMENCEMENT OF ANY GRADING OPERATIONS. THE CONTRACTOR WILL BE HELD LIABLE FOR ANY FLOOD DAMAGE DOWNSTREAM DUE TO RUNOFF FROM THE CONSTRUCTION SITE DURING CONSTRUCTION.

LEGEND

EXISTING INDEX CONTOUR	----- 5365 -----
EXISTING INTERMEDIATE CONTOUR	----- 5366 -----
PROPOSED INDEX CONTOUR	===== 5365 =====
PROPOSED INTERMEDIATE CONTOUR	===== 5366 =====
EXISTING ELECTRIC	- ELEG----- ELEG----- ELEG----- ELEG-----
EXISTING GAS	- GAS----- GAS----- GAS----- GAS-----
EXISTING TELEPHONE LINE	- T----- T----- T----- T-----
EXISTING WATER LINE	- W----- W----- W----- W-----
EXISTING TV LINE	- TV----- TV----- TV----- TV-----
PROPOSED CATCH CURB	=====
PROPOSED SPILL CURB	=====
EXISTING LIGHT POLE	LP
EXISTING SANITARY	SS----- SS----- SS-----
EXISTING MANHOLE	Ⓢ
PROPOSED SAWCUT	-----
PROPERTY LINE	-----
EASEMENT	-----
EXISTING TREE	 
EXISTING FIBER OPTIC	ITS-----ITS-----ITS-----ITS-----ITS-----ITS-----ITS-----
EXISTING FIRE HYDRANT	Ⓢ

ABBREVIATIONS

AC	ACRE
BC	TOP BACK OF CURB
BLDG	BUILDING
BS	BOTTOM OF STEP
BW	BOTTOM OF WALL
CL	CENTERLINE
CO	CLEANOUT
CONC	CONCRETE
CU	COPPER
CY	CUBIC YARD
DET	DETAIL
DI	DUCTILE IRON PIPE
EA	EACH
EL	ELEVATION
EOP	EDGE OF PAVEMENT
EX	EXISTING
FF	FINISHED FLOOR
FG	FINISHED GRADE
FL	FLOWLINE
GB	GRADE BREAK
HGL	HYDRAULIC GRADE LINE
HOR	HORIZONTAL
HP	HIGH POINT
ID	INSIDE DIAMETER
INV	INVERT
LP	LOW POINT
ME	MATCH EXISTING GRADE
MEP	MECHANICAL, ELECTRICAL, PLUMBING
MH	MANHOLE
PR	PROPOSED
RE:	REFERENCE
SAN	SANITARY
SD	STORM DRAIN
SHT	SHEET
STM	STORM
TC	TOP OF CONCRETE
TS	TOP OF STEP
TW	TOP OF WALL
VER	VERTICAL

BENCHMARK:

THE BENCHMARK USED FOR THIS SURVEY IS A CITY OF AURORA BENCHMARK (NO. 3S6628NW001) BEING A 3" BRASS CAP (STAMPED C.O.A. BM 11-012.5A) AT CENTER OF WALKWAY AT BRIDGE ABUTMENT AT THE SOUTHEAST CORNER OF THE AIRPORT BOULEVARD BRIDGE CROSSING INTERSTATE HIGHWAY 70. MONUMENT IS 34' NORTH OF WOOD GUARD SUPPORT "E 17 RU", AND 6' +/- WEST OF BRIDGE WALKWAY FENCE. ELEVATION = 5423.086 (NAVD 1988)

BASIS OF BEARING:

BASIS OF BEARINGS: THE BEARINGS SHOWN HEREON ARE ASSUMED AND ARE BASED UPON THE CENTERLINE OF LEWISTON STREET WHICH BEARS NORTH 00°08'47" WEST.

CALL UTILITY NOTIFICATION
CENTER OF COLORADO
1-811-922-1987
CALL 2-BUSINESS DAYS IN ADVANCE
BEFORE YOU DIG, GRADE, OR EXCAVATE
FOR THE MARKING OF UNDERGROUND
MEMBER UTILITIES.



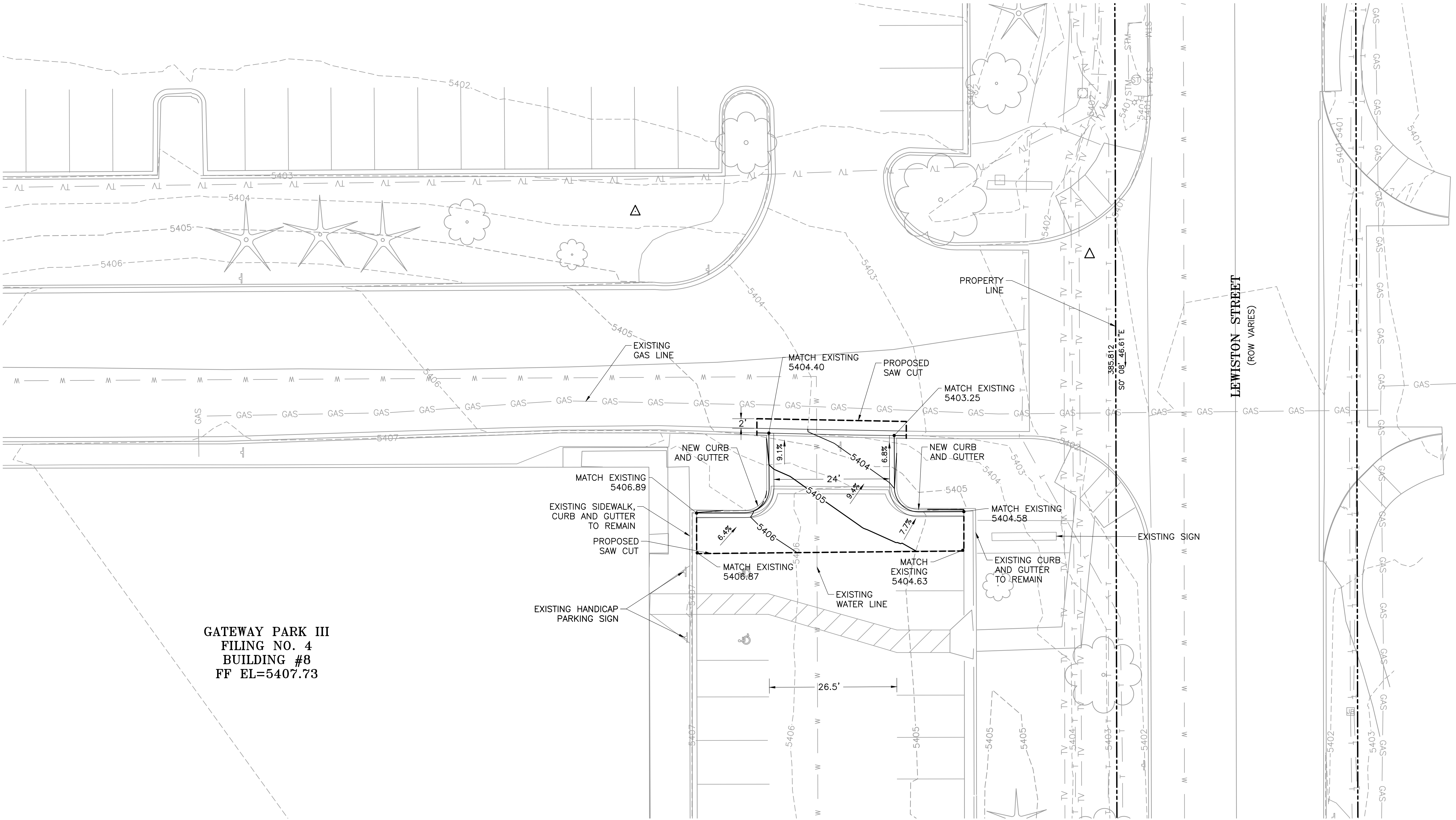
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SUBMITTALS			
NO.	DATE	DESCRIPTION	BY
1	10/15/18	SCHEMATIC DESIGN	LRM
-	-	-	-
-	-	-	-
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GATEWAY PARK ROAD EXTENSION GENERAL NOTES, LEGEND, & ABBREVIATIONS			
DATE: 10/15/2018		DESIGNED: KBW	CHECKED: LRM
SCALE: AS SHOWN		DRAWN: KBW	APPROVED: LRM
PROJECT NO. JF1853		SHEET NUMBER: C1.0	

FILE: C:\Civil 3D Projects\Gateway Park\Production Drawings\JF1853 Grading Plan.dwg
DRAWN BY: KBW JOB NO.: JF1853 PLOT SCALE: AS SHOWN
LAST UPDATED BY: KBW



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1	10/15/18	SCHEMATIC DESIGN	LRM

**GATEWAY PARK ROAD EXTENSION
SCHEMATIC GRADING PLAN**

DATE: 10/15/2018	DESIGNED: KBW	CHECKED: LRM
SCALE: AS SHOWN	DRAWN: KBW	APPROVED: LRM
PROJECT NO. JF1853	SHEET NUMBER: C2.0	