
BRIDGETON LANDFILL

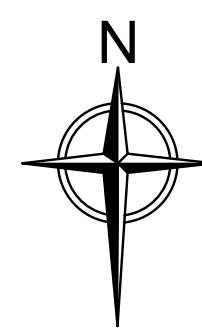
2020 Q2 INFRASTRUCTURE UPDATE

JULY 2020
PREPARED FOR:

BRIDGETON LANDFILL, LLC
13570 ST. CHARLES ROCK ROAD
BRIDGETON, MISSOURI 63044



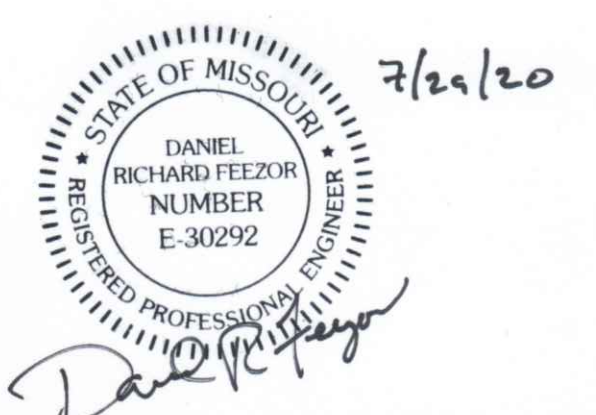
LOCATION MAP



3377 HOLLENBERG DRIVE
BRIDGETON, MO 63044
TEL. (217) 483-3118

INDEX OF DRAWINGS

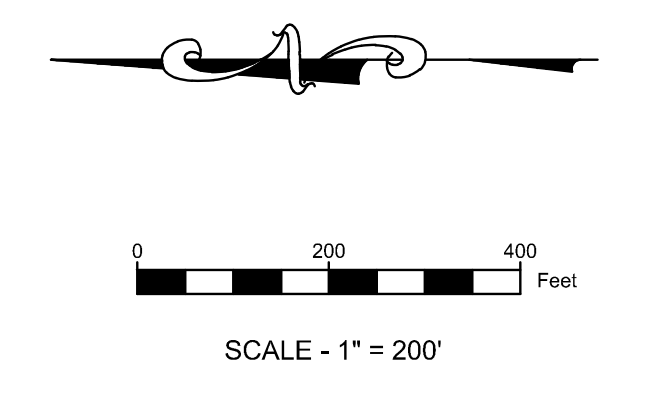
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LEGEND

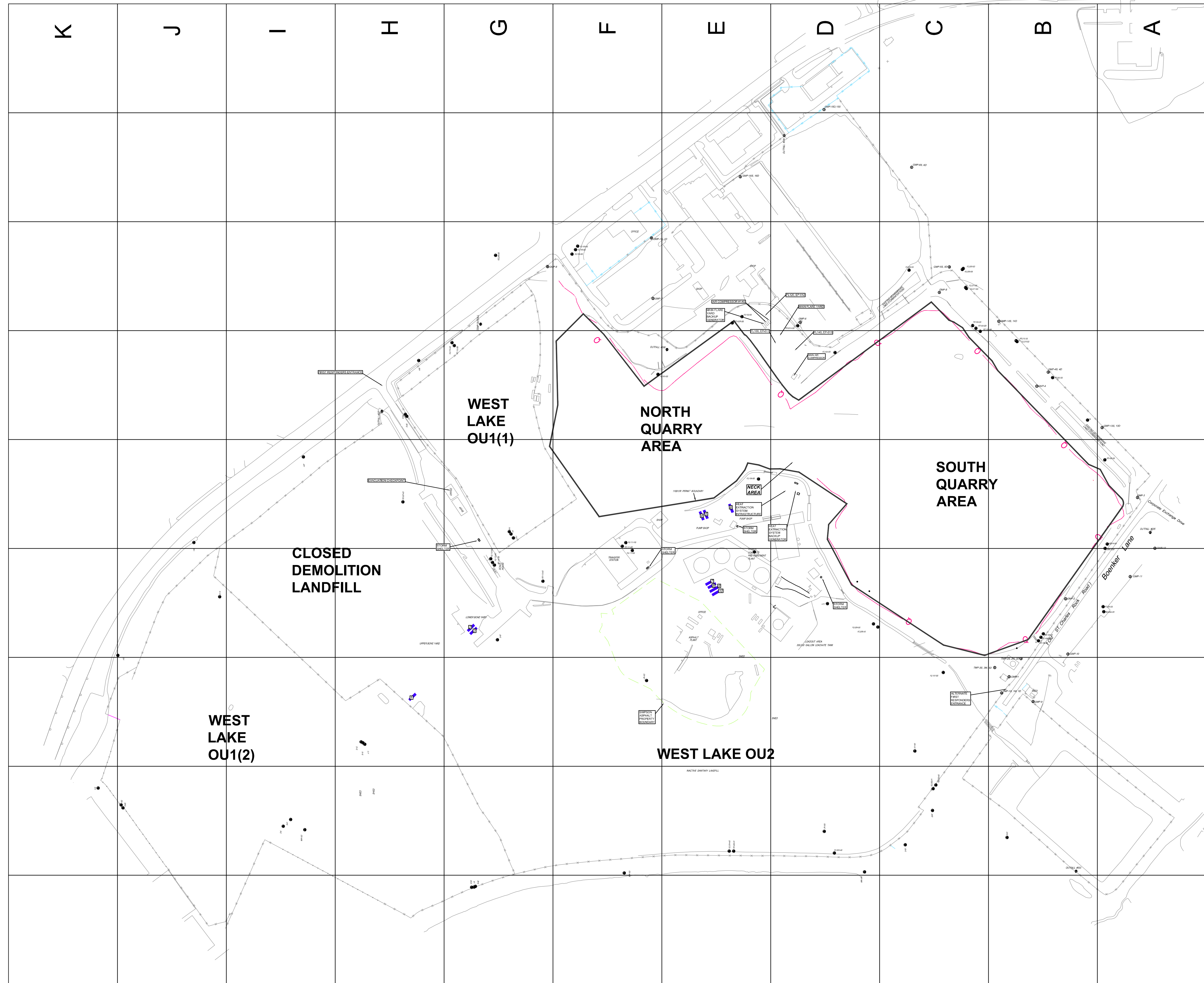
	SOLID WASTE BOUNDARY
	QUARRY WALL
	FENCE LINE
	GAS MONITORING PROBE
	PIEZOMETER MONITORING WELL



NOTES:
 * AERIAL TOPOGRAPHY AND PHOTOGRAPHY PROVIDED BY COOPER AERIAL SURVEYS CO. AND IS DATED DECEMBER 10, 2019.

PREPARED BY: DANIEL RICHARD FEEZOR PE-030292	PREPARED FOR: BRIDGETON LANDFILL 2020 Q2 INFRASTRUCTURE SUBMITTAL BRIDGETON, ST. LOUIS COUNTY, MO	BRIDGETON LANDFILL, LLC. 13570 ST. CHARLES ROCK ROAD BRIDGETON, MISSOURI 63044	JULY 2020 DESIGNED BY: AMR APPROVED BY: DRF	DRAWING # 001
DRAWING TITLE FULL SITE PLAN VIEW W/ AERIAL			REVISIONS:	DATE DSN APV.
3377 Halberberg Dr. Bridgeton, MO 63044 Ph: 217-483-3118 Missouri State Certificate Of Authority # E-200912213			PROJECT NUMBER: BT-130-20 FILE PATH: C:\Users\amr\Desktop\Project Drawings\Bridgeton\19-10881-08\Quarry Infrastructure\00081-01-0001.dwg	

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LEGEND

	SOLID WASTE BOUNDARY
	QUARRY WALL
	FENCE LINE
	GAS MONITORING PROBE
	PIEZOMETER MONITORING WELL

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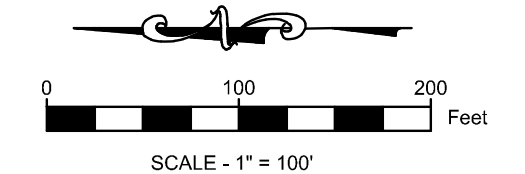
FEEZOR ENGINEERING, INC.
 3377 Halberberg Dr. Bridgeton, MO 63044 Ph: 217-483-3118
 Missouri State Certificate Of Authority #: E-200912213

FULL SITE PLAN VIEW

PROJECT NUMBER: BT-130-20 | FILE PATH: C:\Users\amr\Desktop\Drawings\2020Q2\Bridgeton\19-108\BT-130-20\Drawings\Infrastructure\002\01-000.dwg

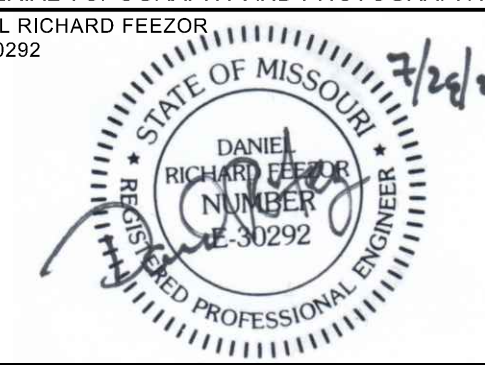


LEGEND	
	SOLID WASTE BOUNDARY
	GAS MONITORING PROBE
	PIEZOMETER MONITORING WELL
	GAS EXTRACTION WELL
	INTERCEPTOR TRENCH SUMP
	SURFACE EXTRACTION WELL
	PERIMETER GAS EXTRACTION WELL
	LFG ISOLATION VALVE
	LEACHATE ISOLATION VALVE
	FLOW METER
	GRIT CHAMBER
	LIFT STATION
	CONDENSATE SUMP
	CONDENSATE TRAP/HEADER CONNECTION SUMP
	LEACHATE COLLECTION SUMP
	HORIZONTAL COLLECTION SUMP
	PERIMETER SUMP
	LEACHATE COLLECTION SUMP
	SURFACE COLLECTOR
	TEMPERATURE MONITORING PROBE
	SUBSURFACE RCP WELLS
	TRENCH SUMP
	INTERCEPTION TRENCH RISER
	PERIMETER LEACHATE SUMP
	WELL HEAD RISER
	WELL BORE BOOT
	TRENCH SUMP
	OVER LINER TIE IN POINT
	GAS INTERCEPTOR WELL
	GAS INTERCEPTOR WELL/HEAT EXTRACTION POINT
	CLEAN OUT
	GAS EXTRACTION WELL WITH 4" STINGER
	EXTRACTION POINT - ABANDONED
	EXTRACTION POINT - TEMPORARILY DECOMMISSIONED
	CONTAINMENT SUMP PUMP STATION FOR TOE STRIP DRAIN
	DOWNSLOPE STRIP DRAIN COLLECTOR 6" RISER STUB
	QUADRANT #
	POWER PANEL
	THERMOCOUPLE
	QUARRY WALL
	LEACHATE COLLECTION PIPING
	DUAL CONTAINED LGS FORCEMAIN (SIZE VARIES)
	DUAL CONTAINED PERIMETER FORCEMAIN (SIZE VARIES)
	LEACHATE COLLECTION PIPING (SIZE VARIES)
	TOE DRAIN
	4" PERFORATED TRENCH DRAIN
	BUBBLE SUCKER
	AIR LINE (PRESSURIZED BELOW GROUND)
	BURIED LFG COLLECTION PIPING (SIZE VARIES)
	2" ABOVE GROUND LFG COLLECTION LATERAL PIPING
	4" ABOVE GROUND LFG COLLECTION LATERAL PIPING
	6" ABOVE GROUND LFG COLLECTION LATERAL PIPING
	8" ABOVE GROUND LFG COLLECTION LATERAL PIPING
	10" ABOVE GROUND LFG COLLECTION LATERAL PIPING
	12" ABOVE GROUND LFG COLLECTION LATERAL PIPING
	18" ABOVE GROUND LFG COLLECTION LATERAL PIPING
	24" ABOVE GROUND LFG COLLECTION LATERAL PIPING
	2" PRESSURIZED AIR / 2" FORCEMAIN IN COMMON TRENCH
	ABOVEGROUND ELECTRIC LINE
	UNDERGROUND ELECTRIC LINE
	SANITARY SEWER
	MSD DISCHARGE FORCEMAIN
	WATERMAIN
	NATURAL GAS LINE
	PROPANE GAS LINE
	FIBER OPTIC LINE
	TELEPHONE
	FENCE LINE
	INTERCEPTOR TRENCH
	HEAT EXTRACTION EFFLUENT PIPING
	HEAT EXTRACTION INFLUENT PIPING



NOTES:
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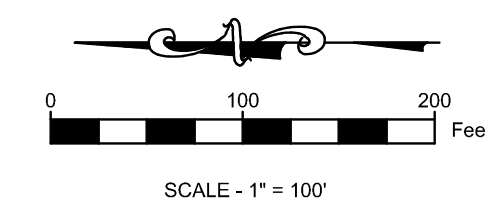


PREPARED BY: DANIEL RICHARD FEEZOR PE-03292	PROJECT: BRIDGETON LANDFILL 2020 Q2 INFRASTRUCTURE SUBMITTAL BRIDGETON, ST. LOUIS COUNTY, MO	PREPARED FOR: BRIDGETON LANDFILL, LLC 13570 ST. CHARLES ROCK ROAD BRIDGETON, MISSOURI 63044	JULY 2020 DESIGNED BY: AMR APPROVED BY: DRF	DRAWING # 004
DRAWING TITLE: 2020 Q2 SITE INFRASTRUCTURE (UPDATES IN Q2 SHOWN IN COLOR)			REVISIONS:	DATE DSN APV.
PROJECT NUMBER: BT-130-20 FILE PATH: C:\Users\amr\Documents\Projects\Bridgeton\2020Q2\2020Q2_Site_Infrastructure\2020Q2_Site_Infrastructure.dwg				



LEGEND

○ GMP-4	SOLID WASTE BOUNDARY
● PE-204-45	GAS MONITORING PROBE
● GEW-28	PIEZOMETER MONITORING WELL
▲ ITS1	GAS EXTRACTION WELL
● SEW-63	INTERCEPTOR TRENCH SUMP
● PEW-20	SURFACE EXTRACTION WELL
●	PERIMETER GAS EXTRACTION WELL
✂	LFG ISOLATION VALVE
✂	LEACHATE ISOLATION VALVE
○	FLOW METER
○	GRIT CHAMBER
○	LIFT STATION
○	CONDENSATE SUMP
○	CONDENSATE TRAP/HEADER CONNECTION SUMP
● LS-1	LEACHATE COLLECTION SUMP
● LS-6	HORIZONTAL COLLECTION SUMP
▲	PERIMETER SUMP
▲	LEACHATE COLLECTION SUMP
▲	SURFACE COLLECTOR
○	TEMPERATURE MONITORING PROBE
○	SUBSURFACE RCP WELLS
○	TRENCH SUMP
○	INTERCEPTION TRENCH RISER
○	PERIMETER LEACHATE SUMP
○	WELL HEAD RISER
○	TRENCH SUMP
○	OVER LINER TIE IN POINT
○	GAS INTERCEPTOR WELL
○	GAS INTERCEPTOR WELL/HEAT EXTRACTION POINT
○	CLEAN OUT
○	GAS EXTRACTION WELL WITH 4" STINGER
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○	QUADRANT #
○	POWER PANEL
○	THERMOCOUPLE
○	QUARRY WALL
—	LEACHATE COLLECTION PIPING
—	DUAL CONTAINED LCS FORCEMAIN (SIZE VARIES)
—	DUAL CONTAINED PERIMETER FORCEMAIN (SIZE VARIES)
—	LEACHATE COLLECTION PIPING (SIZE VARIES)
—	TOE DRAIN
—	4" PERFORATED TRENCH DRAIN
—	BUBBLE SUCKER
—	AIR LINE (PRESSURIZED BELOW GROUND)
—	BURIED LFG COLLECTION PIPING (SIZE VARIES)
—	2" ABOVE GROUND LFG COLLECTION LATERAL PIPING
—	4" ABOVE GROUND LFG COLLECTION LATERAL PIPING
—	6" ABOVE GROUND LFG COLLECTION LATERAL PIPING
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—	INTERCEPTOR TRENCH
—	HEAT EXTRACTION EFFLUENT PIPING
—	HEAT EXTRACTION INFLUENT PIPING



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DRAWING TITLE: 2020 Q2 SITE INFRASTRUCTURE (REMOVED IN Q2 SHOWN IN RED)	PROJECT NUMBER: BT-130-20 FILE PATH: C:\Users\amr\OneDrive - Feezor Engineering\OneDrive\2020\130-20\2020 Q2 Site Infrastructure\2020 Q2-005.dwg	REVISIONS:	DATE: DSN: APV:

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