

FEBRUARY 28, 2019

FLORISSANT VALLEY FIRE PROTECTION DISTRICT  
661 ST. FERDINAND STREET  
FLORISSANT, MISSOURI 63031

FGM ARCHITECTS INC.  
10 SOUTH BROADWAY, SUITE 1150  
ST. LOUIS, MISSOURI 63102

TO: PROSPECTIVE BIDDERS

SUBJECT: NEW UTILITY BUILDING  
FLORISSANT VALLEY FIRE PROTECTION DISTRICT  
1910 SHACKELFORD ROAD  
FLORISSANT, MISSOURI 63031  
FGM Project No.: 19-2619.01

This Addendum forms a part of the Bidding and Contract Documents and modifies the original bidding documents dated February 15, 2019. Acknowledge receipt of this Addendum in space provided on Bid Form. **Failure to acknowledge addenda may subject bidders to disqualification.**

**GENERAL**

1. The date and time of the project scheduled Pre-Bid Conference will **REVISE** to Wednesday March 6<sup>th</sup> at 3:00 pm.
2. Regarding all project permit costs, as the bid documents stipulate this shall remain to be the General Contractor's responsibility HOWEVER the Fire Protection District has agreed that all costs associated with permit costs shall be a Reimbursable expense back to the Contractor by the Owner. Therefore, no costs associated with permitting shall be included in the Base Bid amounts of the bidders.
3. Regarding the Itemized Prices – specifically Itemized Price #1 on the Bid Form - this cost figure can be submitted to the Fire Protection District up to 48 hours AFTER the Bid Opening (from date & time of Bid Reading). However, as a reminder, all costs associated with this work **MUST** be incorporated and included into the Final overall Base Bid amounts of the bidders.

**MANUAL**

1. SECTION 00 11 13 ADVERTISEMENT FOR BIDS
  - A. **REVISE** Pre-Bid Conference date **TO READ** "A Pre-Bid Conference is scheduled for Wednesday, March 6, 2019 at 3:00 p.m. at the Florissant Valley Fire Protection District, House #3 at 1910 Shackelford Road, Florissant Missouri 63031."

**DRAWINGS**

1. SHEET S1.0 – NOTES – FOUNDATION PLAN – **REVISE** text foundation callouts to **READ** as shown in full size Addendum #1 revision drawing S1.0 (attached).

Respectfully,

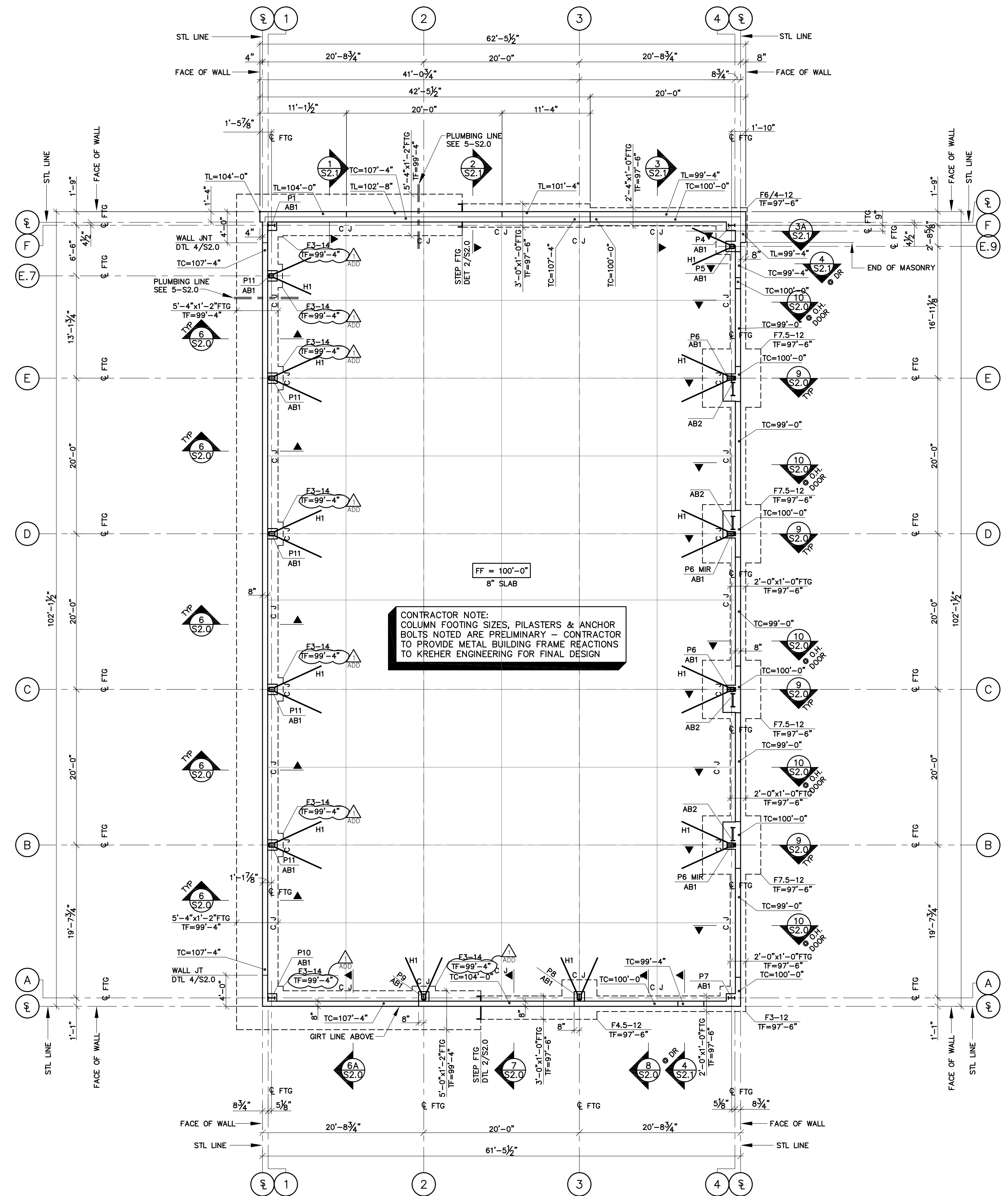


Brennan Hartin, AIA  
Senior Associate

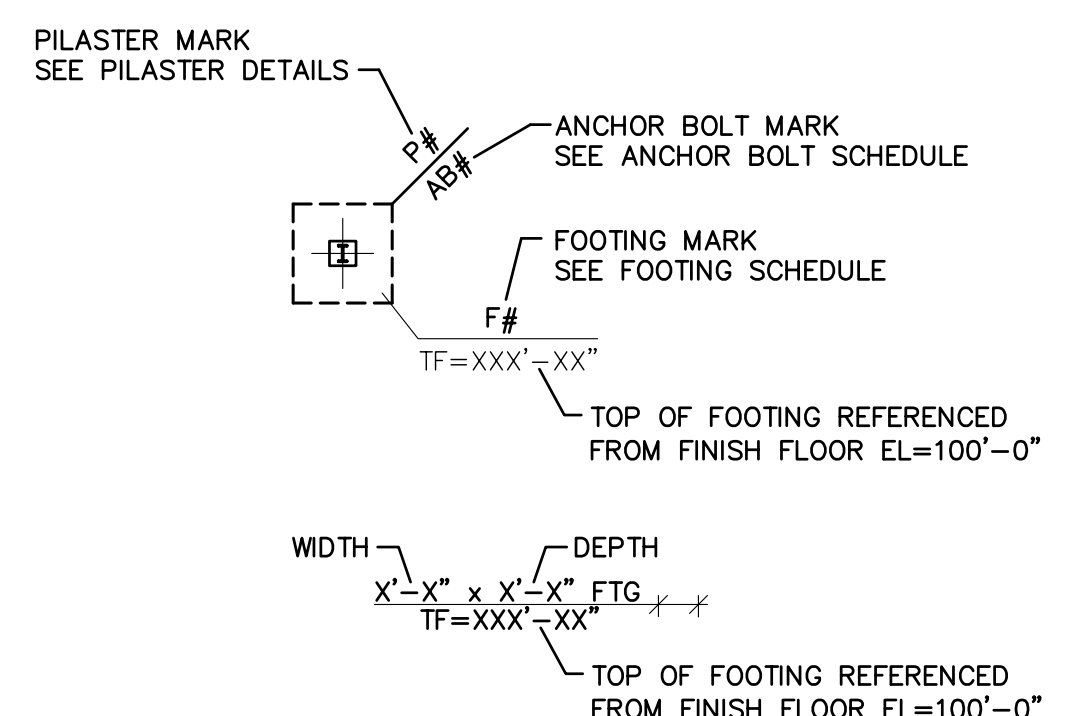
This Addendum consists of 1 page.

Attachments: None  
Drawings: **1 Full Size (24x36)** - S1.0 (Addendum #1 Issuance dated 02-28-19)

THIS FOUNDATION PLAN IS PREPARED FOR THE USE OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PREPARATION OF THE MATERIAL SHOWN ON THIS SHEET. OTHER DRAWINGS AND SPECIFICATIONS SHALL BE REFERENCED TO THE PROJECT MANUAL. THE PROFESSIONAL ENGINEER'S SEAL IS PROHIBITED.



**CONTRACTOR NOTE:**  
COLUMN FOOTING SIZES, PILASTERS & ANCHOR BOLTS NOTED ARE PRELIMINARY - CONTRACTOR TO PROVIDE METAL BUILDING FRAME REACTIONS TO KREHER ENGINEERING FOR FINAL DESIGN



**PLAN FOUNDATION PLAN**  
1/8" = 1'-0"

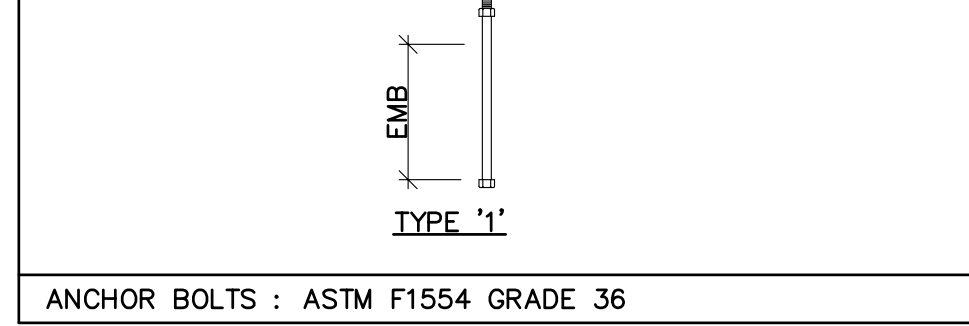
- SLAB CONSTRUCTION: 8" CONCRETE SLAB ON GRADE REINFORCED w/#4 BARS @ 12" o.c. OVER MINIMUM 15 MIL. VAPOR BARRIER (ASTM E 1745 CLASS A) AND 4" COMPACTED GRANULAR FILL (< 12% FINES). VAPOR BARRIER SHALL BE PLACED BETWEEN THE CONCRETE SLAB AND GRAVEL UNLESS OTHERWISE NOTED. CONTRACTOR SHALL TAKE NECESSARY ACTIONS TO AVOID SLAB CURLING. REFER TO THE PROJECT SPECIFICATION MANUAL FOR REQUIRED PERFORMANCE FOR VAPOR BARRIER.
- FINISH SLABS SURFACE TOLERANCES ACCORDING TO ASTM E 1155 SHALL MEET: OVERALL FLATNESS F(F)40 AND LEVELNESS F(L)30; LOCAL FLATNESS F(F)28 AND LEVELNESS F(L)20;
- ELEVATIONS ARE REFERENCED FROM FINISH FLOOR SLAB ELEVATION OF 100'-0". SEE ARCHITECTURAL OR SITE DRAWINGS FOR ACTUAL SITE ELEVATIONS.
- ALL FOOTINGS ARE TO BE CENTERED UNDER WALLS AND/OR COLUMNS.
- SLAB CONTROL AND CONSTRUCTION JOINTS MAY BE INTERCHANGED AT CONTRACTOR'S OPTION, UNLESS OTHERWISE NOTED. SEE SECTION 1-S-2.0.
- CONTINUOUS FOOTINGS HAVE BEEN PROPORTIONED FOR A NET ALLOWABLE BEARING PRESSURE OF 1200 PSF. ISOLATED FOOTINGS HAVE BEEN PROPORTIONED FOR A NET ALLOWABLE BEARING PRESSURE OF 1200 PSF. BEARING PRESSURE SHALL BE VERIFIED BY A GEOTECHNICAL ENGINEER BEFORE FOOTINGS ARE PLACED. CONTRACTOR SHALL REMOVE AND REPLACE UNACCEPTABLE SOILS IN ACCORDANCE WITH THE GEOTECHNICAL REPORT. ALL SOILS WHICH "PUMP" SHALL BE REMOVED.

**FOOTING SCHEDULE**

MK	SIZE	REINFORCING
F3-12	3'-0"x3'-0"x1'-0"	8)#4x2'-6"LG 1/2 EW @ BTM
F3-14	3'-0"x3'-0"x1'-2"	8)#5x2'-6"LG 1/2 EW @ BTM
F4.5-12	4'-0"x4'-0"x1'-0"	10)#5x3'-6"LG 1/2 EW @ TOP 10)#5x3'-6"LG 1/2 EW @ BTM
F7.5-12	7'-6"x7'-6"x1'-0"	16)#5x7'-0"LG 1/2 EW @ TOP 16)#5x7'-0"LG 1/2 EW @ BTM
F6/4-12	6'-0"x4'-0"x1'-0"	10)#5x6'-6"LG 1/2 EW @ TOP 14)#5x2'-6"LG 1/2 EW @ BTM

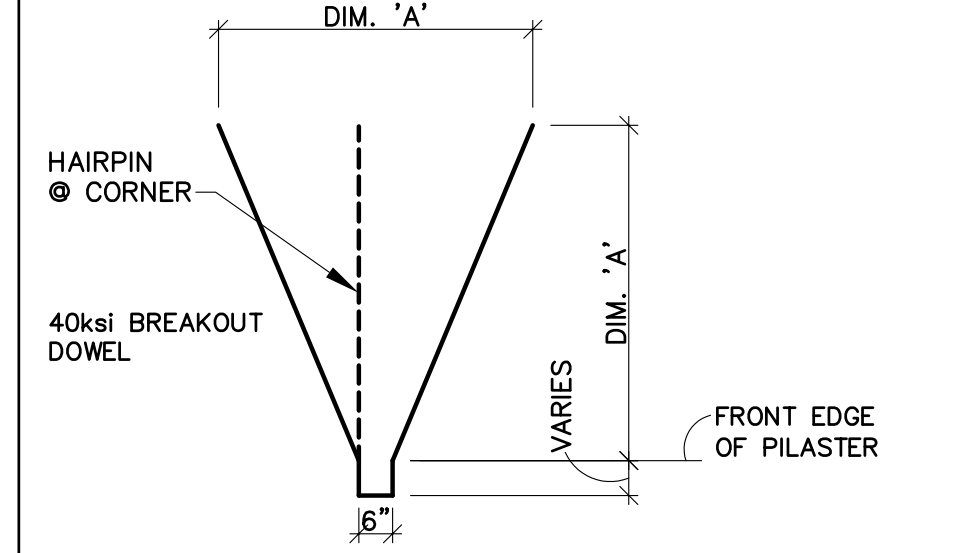
**ANCHOR BOLT SCHEDULE**

MK	QTY/SIZE	TYPE	EMBED
AB1	4)1"Ø	TYPE '1'	12"
AB2	4)3/4"Ø	TYPE '1'	9"



**HAIRPIN SCHEDULE**

MK	REBAR SIZE	DIM. 'A'
'H1'	#5	6'-8"



**ISSUANCE**

NO.	DATE	DESCRIPTION
0	02-15-19	ISSUED FOR BID
1	02-28-19	ADDENDUM #1

**FGM ARCHITECTS**  
10 South Broadway, Suite 1150  
St. Louis, MO 63102  
Phone: 314.439.1601  
Fax: 314.439.1602  
Missouri State Certificate of Authority #000311

**CIVIL**  
Reyling Design & Consulting  
4516 Boardwalk  
Smithton, IL 62285  
Phone: 618.530.1694  
Missouri State Certificate of Authority #000655

**STRUCTURAL**  
Kreher Engineering, Inc.  
208 North Main St.  
Columbia, IL 62236  
Phone: 618.725.5889  
Fax: 618.281.8515  
Missouri State Certificate of Authority #2004012212

**M/E/P/FP**  
SSC Engineering, Inc.  
18207 Edison Ave.  
Chesterfield, MO 63005  
Phone: 636.530.7770  
Missouri State Certificate of Authority #001244

SIGNED DATE: 02-15-19

PROFESSIONAL SEAL  
EXPIRATION DATE:

DRAWN: JPB  
CHECKED: CRS  
APPROVED: JCK  
FGM Architects, Inc.  
Missouri State Certificate of Authority #000311

**OWNER LOCATION:**  
NEW UTILITY BUILDING  
FLORISSANT VALLEY F.P.D.  
1910 Shuckelford Road  
Florissant, Missouri 63031

**FOUNDATION PLAN**

SHEET NO. **S1.0**

JOB NO. J08-2019-01  
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