REQUEST FOR BIDS

ADDENDUM # 1
Questions and Clarifications

Service Lane Renovation (General Contractor)
IFB #FED2019-13

TO: Prospective Bidders

FROM: Martha Howarter, Director of Federal Programs

DATE: October 14, 2019

SUBJECT: Addendum No. 1 – Questions and Clarifications

The following is included as part of Addendum No.1 and supersedes the language/requirements set forth in the original "Request for Proposals".

ADDENDUM # 1 – Questions and Clarifications

Addendum No. 1 has been prepared by Farnsworth Group containing two (2) pages and nine (9) drawings related to the Service Lane Renovations.

Farnsworth GROUP

Addendum

Addendum Number: 01

Addendum Issue Date: October 14, 2019

Owner: Greater Peoria Mass Transit District

Project Name: Service Lane Renovation

Project Number: 0180459.05

Containing: 2 Pages; 9 Drawings; 0 Specifications

This addendum amends the drawings and specifications of the above reference project and is hereby incorporated into the contract documents as part thereof. Bidders must acknowledge receipt of this Addendum in the space provided on the Bid Form. ***FAILURE TO DO SO MAY SUBJECT BIDDER TO DISQUALIFICATION****.*

General:

1. The General Contractor will be responsible for unloading and storing the bus wash equipment. Storage location to be onsite and coordinated with the Owner. Midwest Carwash will be responsible for setting the equipment in its final location within the service lane. General Contractor will be responsible for scheduling with Midwest Carwash. The General Contractor will not need to provide any anchor bolts for the bus wash equipment.
2. The extent of prep and painting for rooms noted on the Room Finish Schedule will be all exposed piping, hangers, un-insulated ductwork, conduit, structural steel, CMU walls, metal panel walls, and metal panel ceiling.
3. Existing corrugated fiberglass walls that are shown to be demolished will not be replaced.

Drawings:

1. ADD: Attached drawings S0.1, S1.1, & S1.2.
2. REPLACE: Drawing A1.0 – FIRST FLOOR PLAN in its entirety with attached drawing A1.0.
3. REPLACE: Drawing E-101 – FIRST FLOOR PLAN in its entirety with drawing E-101
4. REPLACE: Drawing E500 – SCHEDULES in its entirety with the attached drawing E500 – SCHEDULES.
5. REPLACE: Drawing E601 – ONE LINE POWER DISTRIBUTION DIAGRAM in its entirety with attached drawing E601 – ONE LINE POWER DISTRIBUTION DIAGRAM.
6. REPLACE: Drawing ED101 – FIRST FLOOR DEMOLITION PLAN in its entirety with attached drawing E601 – ONE LINE POWER DISTRIBUTION DIAGRAM.
7. REPLACE: Drawings M1.1 – FIRST FLOOR MECHANICAL PLAN in its entirety with the attached M1.1 – FIRST FLOOR MECHAINCAL PLAN.

Bids are Due: **October 31, 2019 / 2:00 PM** local time at **GPMTD PROCUREMENT, 2105 NE JEFFERSON AVENUE, PEORIA, ILLINOIS 61603-3535**.

Issued By:

FARNSWORTH GROUP, INC.
Douglas Draeger
Project Architect

Attachments:

Drawings: S0.1, S1.1, S1.2, A1.1, M1.1, ED-101, E-101, E-500, E-601
Specifications: None

GENERAL CONSTRUCTION:

1. ALL DETAILS, SECTIONS, AND PLAN NOTES SHOWN ON THE DRAWINGS ARE INTENDED TO BE TYPICAL AND SHALL BE CONSTRUED TO APPLY TO SIMILAR CONDITIONS ELSEWHERE.

2. THE CONTRACTOR SHALL VERIFY, BY FIELD CHECK, ALL SIZES, DIMENSIONS, ELEVATIONS, LOCATIONS, ETC., OF THE EXISTING CONSTRUCTION WHICH ARE RELATIVE TO THE CONSTRUCTION.

3. THE CONTRACTOR SHALL HAVE SOLE RESPONSIBILITY FOR DETERMINING THE MEANS, METHODS, SEQUENCES, AND SAFETY PROCEDURES USED IN PERFORMING THE WORK. SHOULD THE ENGINEER VISIT THE SITE, IT IS IN THE CAPACITY AS ENGINEER AND NOT IN THE CAPACITY OF A CONTRACTOR.

4. REQUESTS FOR INFORMATION SHALL BE SUBMITTED TO THE ENGINEER UNLESS OTHERWISE NOTED.

5. THE CONTRACTOR IS TO ASSUME FULL RESPONSIBILITY, UNRELIEVED BY REVIEW OF SHOP DRAWINGS OR PERIODIC OBSERVATIONS, FOR COMPLIANCE WITH THE CONTRACT DOCUMENTS.

6. THE EXISTING CONDITIONS INDICATED ON THE DRAWINGS ARE BASED ON SITE MEASUREMENTS AS WELL AS ON MATERIAL PROVIDED BY THE OWNER AND NO CLAIM IS MADE AS TO ITS ABSOLUTE COMPLETENESS AND/OR ACCURACY PRIOR TO THE START OF CONSTRUCTION OPERATIONS.

7. WHERE NEW CONSTRUCTION ABUTS OR INTEGRATES WITH EXISTING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THAT THE EXISTING CONDITIONS AND DIMENSIONS ARE CLOSE TO THOSE THAT HAVE BEEN ASSUMED. IF THERE ARE ANY VARIANCES THAT WILL PREVENT THE WORK FROM BEING COMPLETED IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS, THEY SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY UPON DISCOVERY. THE ENGINEER SHALL ADVISE THE CONTRACTOR AS TO THE NECESSARY MODIFICATIONS.

8. THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE SCOPE OF THE WORK AND SOIL AND WATER CONDITIONS BEFORE PROCEEDING WITH THE WORK. THE ACTUAL CONDITIONS MAY VARY AT THE SITE.

9. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES BETWEEN CONSTRUCTION DOCUMENTS AND ACTUAL FIELD CONDITIONS.

10. VERIFY SIZE AND LOCATIONS OF HOLES AND SLEEVES THROUGH MASONRY WALLS AND CONCRETE SLABS WITH MECHANICAL AND PLUMBING CONTRACTORS.

11. GROUT BELOW BEAM BEARING SHALL BE IN PLACE AND PROPERLY CURED PRIOR TO ANY APPLICATION OF LOAD TO THE SUPPORTED MEMBER.

12. SEE ARCHITECTURAL DRAWINGS FOR:
    - SIZE AND LOCATION OF STOREFRONT SYSTEMS, DOOR, AND WINDOW OPENINGS, EXCEPT AS SHOWN OR NOTED.
    - FLOOR AND ROOF FINISHES, DRAINAGE, AND WATERPROOFING
    - FIREPROOFING REQUIREMENTS INCLUDING FIREPROOFING OF STRUCTURAL STEEL
    - DIMENSIONS NOT SHOWN ON STRUCTURAL DRAWINGS.

13. SEE MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR:
    - PIPE RUNS, SLEEVES, TRENCHES, WALL AND SLAB OPENINGS, ETC., EXCEPT AS SHOWN OR NOTED.
    - ELECTRICAL CONDUIT RUNS, BOXES, OUTLETS IN WALLS AND SLABS.
    - CONCRETE INSERTS FOR ELECTRICAL, MECHANICAL, OR PLUMBING FIXTURES.

14. FOR PIPES EMBEDDED IN CMU:
    A. CMU: PIPES SHALL NOT BE EMBEDDED IN CMU EXCEPT WHERE SPECIFICALLY DETAILED. CONDUITS MAY BE EMBEDDED IF ALL OF THE FOLLOWING ARE TRUE.
       a. CONDUITS ARE <3/4" IN DIAMETER
       b. CONDUITS ARE NOT PLACED IN A CELL WITH REINFORCEMENT.
       c. CONDUITS ARE A MINIMUM OF 24" FROM JAMB/END REINFORCEMENT IN FULLY GROUTED WALLS.
       d. CELLS WITH CONDUITS ARE SPACED 32" O.C. MIN.
       e. (2) MAX CONDUITS PER UNREINFORCED CELL, 3 DIAMETERS (MIN).
       f. CONDUITS ARE VERTICAL

15. CONSTRUCTION MATERIAL SHALL NOT BE PLACED ON FRAMED ROOF OR RAISED FLOORS/LID.

16. THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE DESIGN INTENT FOR THE FINISHED STRUCTURE. THEY DO NOT INDICATE MEANS OR METHODS OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE, BUT ARE NOT LIMITED TO, BRACING, SHORING FOR LOADS DUE TO CONSTRUCTION EQUIPMENT, ETC. THE CONTRACTOR IS RESPONSIBLE FOR PROVISIONS OF TEMPORARY SHORING AND OTHER CONSTRUCTION AIDS, INCLUDING ALL ENGINEERING OF SUCH SYSTEMS, FOR TEMPORARY SUPPORT OF NEW AND/OR EXISTING STRUCTURAL ELEMENTS AS REQUIRED FOR ERECTION AND OTHER CONTRACTOR'S MEANS AND METHODS OF CONSTRUCTION, UNLESS NOTED OTHERWISE. OBSERVATION VISITS TO THE SITE BY THE STRUCTURAL ENGINEER SHALL NOT INCLUDE INSPECTION OF THE ABOVE ITEMS.

SHOP DRAWING REVIEW:

1. FARNSWORTH GROUP WILL REVIEW THE GENERAL CONTRACTOR'S SHOP DRAWINGS AND RELATED SUBMITTALS (AS INDICATED BELOW) WITH RESPECT TO THE ABILITY OF THE DETAILED WORK, WHEN COMPLETED, TO BE A PROPERLY FUNCTIONING INTEGRAL ELEMENT OF THE OVERALL STRUCTURAL SYSTEM DESIGNED BY FARNSWORTH GROUP.

2. PRIOR TO SUBMITTAL OF A SHOP DRAWING OR ANY RELATED MATERIAL TO FARNSWORTH GROUP, THE GENERAL CONTRACTOR SHALL:
   A. REVIEW EACH SUBMISSION FOR CONFORMANCE WITH THE MEANS, METHODS, TECHNIQUES, SEQUENCES, AND OPERATIONS FOR CONSTRUCTION AND SAFETY PRECAUTIONS AND PROGRAMS INCIDENTAL THERETO, ALL OF WHICH ARE THE SOLE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
   B. REVIEW AND APPROVE EACH SUBMISSION.
   C. STAMP EACH SUBMISSION AS APPROVED.

3. FARNSWORTH GROUP SHALL ASSUME THAT NO SUBMISSION COMPRISES A VARIATION UNLESS THE GENERAL CONTRACTOR ADVISES FARNSWORTH GROUP WITH WRITTEN DOCUMENTATION.

4. SHOP DRAWINGS AND RELATED MATERIAL (IF ANY) REQUIRED ARE INDICATED BELOW. SHOULD FARNSWORTH GROUP REQUIRE MORE THAN TEN (10) WORKING DAYS TO PERFORM THE REVIEW, FARNSWORTH GROUP SHALL SO NOTIFY THE GENERAL CONTRACTOR.
   A. CONCRETE DESIGN MIXES AND REINFORCING STEEL.
   B. MISCELLANEOUS ANCHORS SHOWN ON THE STRUCTURAL DRAWINGS.
   C. STRUCTURAL STEEL FRAMING AND CONNECTIONS.
   D. LIGHT GAGE FRAMING AND CONNECTIONS.
   E. METAL DECK

5. ONLY TWO REVIEWS PER SHOP DRAWING SHALL BE ALLOWED. ANY SUBSEQUENT REQUIRED REVIEWS OF THE SAME SHOP DRAWING SHALL BE AT THE COST OF THE CONTRACTOR.

DESIGN CRITERIA:

1. THE STRUCTURAL ENGINEERING DESIGN IS BASED ON AND IN ACCORDANCE WITH THE FOLLOWING CODE:

   INTERNATIONAL BUILDING CODE - 2012

2. UNLESS OTHERWISE SHOWN OR NOTED ON THE DRAWINGS, THE STRUCTURAL DESIGN IS BASED ON THE FOLLOWING TYPICAL UNIFORM LOADS:

DEAD LOADS	EXISTING LID	=	60	PSF
	NEW LID	=	35	PSF
LIVE LOADS	LID	=	100	PSF (INCLUDES EQUIPMENT)
SNOW LOADS	Pg	=	20	PSF
WIND DESIGN DATA	V (ULT)	=	115	MPH
EXPOSURE CATEGORY		=	C	
	GCpi	=	(+/-)0.18	

COMPONENTS AND CLADDING WIND PRESSURES

ZONE	EFFECTIVE WIND AREA (SF)		ULTIMATE WIND PRESSURE (PSF)
1	10	=	+23.1/-42.2
	20	=	+22.3/-41.3
	50	=	+21.2/-40.3
	100	=	+20.4/-39.4
2	10	=	+23.1/-63.9
	20	=	+22.3/-58.2
	50	=	+21.2/-50.6
	100	=	+20.4/-44.9
3	10	=	+23.1/-91.1
	20	=	+22.3/-77.2
	50	=	+21.2/-58.8
	100	=	+20.4/-44.9
4	10	=	+39.4/-41.9
	20	=	+38.1/-40.6
	50	=	+36.4/-38.6
	100	=	+35.1/-37.6
	500	=	+32.1/-34.5
5	10	=	+39.4/-49.2
	20	=	+38.1/-46.4
	50	=	+36.4/-43.2
	100	=	+35.1/-40.6
	500	=	+32.1/-34.5

EARTHQUAKE DESIGN DATA

I	=	1.0
RISK CATEGORY	=	II
Ss	=	0.144
S1	=	0.08
SITE CLASS	=	D
SDS	=	0.153
SD1	=	0.128
SEISMIC DESIGN CATEGORY	=	B

METAL DECK:

1. ALL METAL DECK SHALL BE DETAILED, FABRICATED, AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITION OF THE STEEL DECK INSTITUTE SPECIFICATIONS.

2. ALL METAL DECK SHALL BE CONTINUOUS OVER THREE OR MORE SUPPORTS UNLESS APPROVED BY THE ENGINEER.

3. SEE FRAMING PLAN NOTES FOR METAL DECK ATTACHMENT. PROVIDE FRAME FASTENERS AT ALL DIAPHRAGM EDGES USING SIDELAP FASTENING SPACING.

4. ALL METAL DECK SHALL BE GALVANIZED.

5. METAL DECK OPENINGS UP TO 6" DO NOT REQUIRE REINFORCING AS LONG AS NOT MORE THAN TWO WEBS ARE REMOVED FROM THE DECK. FOR OPENINGS GREATER THAN 6" AND UP TO 12", THE DECK MUST BE REINFORCED WITH A MINIMUM 0.071" SHEET OF STEEL, 6" WIDER THAN THE OPENING ON EACH SIDE AND FASTED TO EACH CELL ALL AROUND THE OPENING. OPENINGS GREATER THAN 12" SHALL BE REINFORCED.

COLD FORMED METAL FRAMING:

1. STRUCTURAL COLD FORMED METAL (LIGHT - GAGE) FRAMING SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE AISI " NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS" CURRENT EDITION INCLUDING ANY SUPPLEMENTS.

2. ALL STRUCTURAL LIGHT-GAGE JOIST AND STUDS SHALL CONFORM TO THE FOLLOWING MINIMUM YIELD STRENGTH PER ASTM SPECIFICATIONS:
   12, 14, 16 GAGE . . . . . 50,000 PSI
   18, 20 GAGE . . . . . 33,000 PSI (NON-LOADBEARING, INTERIOR)

STEEL:

1. STRUCTURAL STEEL IS DESIGNED IN ACCORDANCE WITH AND SHALL BE CONSTRUCTED IN COMPLIANCE WITH THE AISC "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS," AND THE AISC "STEEL CONSTRUCTION MANUAL".

2. ALL STRUCTURAL STEEL, UNLESS OTHERWISE NOTED, SHALL CONFORM TO THE FOLLOWING ASTM SPECIFICATIONS:
   W-SHAPES . . . . . A992 OR A572, GRADE 50
   CHANNELS A36
   ANGLES A36
   STRUCTURAL PLATE AND BARS A36

3. ALL BOLTED CONNECTIONS FOR STRUCTURAL STEEL SHALL CONFORM TO AISC "SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS".

4. *UNLESS OTHERWISE SHOWN OR NOTED ON THE DRAWINGS, ALL BOLTED CONNECTIONS SHALL BE MADE WITH 3/4" DIAMETER HIGH STRENGTH BOLTS, BEARING TYPE WITH THREADS IN THE SHEAR PLANE, CONFORMING TO ASTM A325-N.*

5. ALL WELDED CONNECTIONS FOR STRUCTURAL STEEL SHALL CONFORM TO AWS "STRUCTURAL WELDING CODE," D1.1.

6. *UNLESS OTHERWISE SHOWN OR NOTED ON THE DRAWINGS, ALL WELDED CONNECTIONS SHALL BE MADE WITH E70-XX LOW HYDROGEN ELECTRODES.*

7. PROVIDE ALL BOLT HOLES, STUDS, ANCHORS, AND CLIP ANGLES REQUIRED TO ATTACH OTHER MATERIALS AS SHOWN ON THE DRAWINGS.

8. STRUCTURAL ENGINEER OF RECORD SHALL BE NOTIFIED OF ANY OPENINGS NOT NOTED ON STRUCTURAL DRAWINGS. FOR NON-BEARING WALLS, PROVIDE LINTELS FOR ALL OPENINGS AND RECESSES NOT OTHERWISE DETAILED OR SCHEDULED AS FOLLOWS:
   A. (1) L5x3 1/2x5/16 FOR EACH 4" OF MASONRY WIDTH W/ A MAX SPAN OF 8'-0"
   B. PL5/16 x MASONRY WIDTH LESS 1" FOR SPANS OF LESS THAN 2'-0"

9. PROVIDE MINIMUM 8" BEARING FOR BEAMS OR LINTELS WITH SPANS 4'-0" OR LARGER AND 6" BEARING ON SPANS LESS THAN 4'-0", UNLESS OTHERWISE DETAILED ON THE DRAWINGS.

10. ANCHOR BOLTS SHALL CONFORM TO ASTM A307 AND SHALL BE PLACED WITHIN THE FOLLOWING TOLERANCES:
    TOP OF ANCHOR BOLT ELEVATION . . . . . (+) 1" TO (-) 3/8"
    OUT OF POSITION OF ANCHOR BOLTS . . . . . (+) OR (-) 1/8"

11. ALL STEEL SHALL HAVE ONE SHOP COAT OF PRIMER, EXCEPT:
    A. WHERE PROHIBITED BY THE REQUIREMENTS OF THE "SPECIFICATION FOR STRUCTURAL JOINTS" USING ASTM A325 BOLTS.
    B. WHERE INDICATED TO BE GALVANIZED.
    C. WHERE OTHERWISE NOTED ON PLANS AND DETAILS.

STRUCTURAL CONCRETE:

1. REINFORCED CONCRETE DESIGNED IN ACCORDANCE WITH THE "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" (ACI 318) BY THE AMERICAN CONCRETE INSTITUTE.

2. REINFORCING BAR DETAILING, FABRICATING, AND PLACING SHALL CONFORM TO THE CONCRETE REINFORCING STEEL INSTITUTE'S "REINFORCING BAR DETAILING" AND "PLACING REINFORCING BARS".

3. MINIMUM CONCRETE COMPRESSIVE STRENGTH (FC') AT 28 DAYS:
   SLABS ON GRADE . . . . . 4000 PSI
   SLABS ON METAL FORM DECKS . . . . . 4000 PSI

4. PORTLAND CEMENT SHALL CONFORM TO ASTM C-150, TYPE I/II, UNLESS OTHERWISE NOTED.

5. CONCRETE REINFORCEMENT:
   A. DEFORMED BARS - NEW BILLET STEEL COMPLYING WITH ASTM A615 AND HAVING A MINIMUM YIELD STRENGTH OF 60000 PSI.
   B. WELDED WIRE FABRIC - SMOOTH WIRE FABRIC COMPLYING WITH ASTM A185

6. CONCRETE PROTECTION FOR REINFORCEMENT - UNLESS OTHERWISE SHOWN THE CLEAR DISTANCE FROM THE FACE OF CONCRETE TO THE REINFORCING STEEL SHALL BE:

   CONCRETE POURED AGAINST GROUND (NOTE A) . . . . . 3"
   SLABS POURED TO FORMS:
   FORMED SURFACE (NOTE B) . . . . . 3/4"
   TROWELED SURFACE (NOTE B) . . . . . 1"
   SLABS POURED ON GRADE:
   FROM BOTTOM SURFACE . . . . . 2"
   TROWELED SURFACE (NOTE B) . . . . . 1"

   (NOTE A) EXCLUDING SLABS POURED ON GRADE.
   (NOTE B) INCREASE BY 1/2" IF SURFACE IS TO BE IN PERMANENT CONTACT WITH GROUND OR WATER.

7. UNLESS OTHERWISE SHOWN OR NOTED, SPLICING OF REINFORCING BARS OR WELDED WIRE FABRIC SHALL CONFORM TO THE REQUIREMENTS OF ACI 318.

8. ARRANGE, SPACE, AND SECURELY TIE BARS AND BAR SUPPORTS TO HOLD REINFORCEMENT IN POSITION DURING CONCRETE PLACEMENT OPERATIONS. SET WIRE TIES SO ENDS ARE DIRECTED INTO CONCRETE.

9. PROVIDE SUPPORT FOR REINFORCEMENT INCLUDING BOLSTERS, CHAIRS, AND SPACERS WITH SAND PLATES FOR SUPPORTING AND FASTENING REINFORCING BARS TO PROVIDE THE CONCRETE COVER INDICATED.

10. SIZE AND LOCATIONS OF CONCRETE BASES AND EMBEDDED ANCHORAGES FOR EQUIPMENT SHALL BE COORDINATED WITH EQUIPMENT SUPPLIER AND SHALL BE IN ACCORDANCE WITH APPROVED SHOP DRAWINGS.

CONCRETE MIX DESIGN:

1. REINFORCED CONCRETE IS DESIGNED IN ACCORDANCE WITH AND SHALL BE PLACED IN COMPLIANCE WITH PROVISIONS OF THE FOLLOWING CODES, SPECIFICATIONS, AND STANDARDS:
   A. ACI 304- RECOMMENDED PRACTICE FOR MEASURING, MIXING, TRANSPORTING, AND PLACING OF CONCRETE.
   B. ACI 318- BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE
   C. CONCRETE REINFORCING STEEL INSTITUTE (CRSI) "MANUAL OF STANDARD PRACTICE"

2. SUBMITTALS: INCLUDE SUBMITTALS AS REQUIRED BY SECTION 4 OF THE ACI 301.

3. CONCRETE MATERIALS:
   A. PORTLAND CEMENT SHALL CONFORM TO ASTM C150, TYPE I/II.
   B. NORMAL WEIGHT AGGREGATES SHALL CONFORM TO ASTM C33.
   C. PROVIDE AGGREGATE FROM SINGLE SOURCE.
   D. WATER: ANY POTABLE DRINKING WATER.

4. ADMIXTURES:
   A. AIR ENTRAINING ADMIXTURE SHALL CONFORM TO ASTM C260.
   B. WATER REDUCING ADMIXTURE SHALL CONFORM TO ASTM C494, TYPE A.

5. CONCRETE MIX DESIGNS: CLASS A CONCRETE- AIR ENTRAINED MEETING THE FOLLOWING REQUIREMENTS:
   A. SLUMP: 4" ± 1
   B. MAXIMUM AGGREGATE SIZE: 3/4 INCH
   C. MAXIMUM W/C RATIO: 0.5
   D. AIR CONTENT: AT SLABS IT SHALL BE <3%

6. CURING MATERIALS:
   A. LIQUID MEMBRANE-FORMING CURING COMPOUND SHALL CONFORM TO ASTM C309, CLASS A OR B, TYPE I.

7. RELATED MATERIALS:
   A. NONSHRINK GROUT SHALL BE NONMETALLIC.
   B. PROVIDE MOISTURE INTENSIVE, EPOXY-RESIN BONDING AGENT EQUAL TO EUCO EPOXY BY EUCLID CHEMICAL COMPANY.
   C. PROVIDE EXPANSION JOINT FILLERS:
      a. PREMOLDED CORK OF THICKNESS INDICATED AND CONFORMING TO ASTM D1752, TYPE II CORK WITH A POLYETHYLENE STRIP BOND BREAKER
      b. TWO COMPONENT POLYSULFIDE SYSTEM EQUAL TO SIKAFLEX POLYSULFIDE SEALANT BY SIKA CHEMICAL COPORATION.

MASONRY:

1. ENGINEERED MASONRY DESIGNED IN ACCORDANCE WITH THE "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES" (ACI 530/ASCE 5/TMS 402) BY THE AMERICAN CONCRETE INSTITUTE, THE AMERICAN SOCIETY OF CIVIL ENGINEERS, AND THE MASONRY SOCIETY.

2. DESIGN COMPRESSIVE STRENGTH OF MASONRY UNITS (F'm):
   CONCRETE MASONRY . . . . . 1500 PSI

3. MINIMUM COMPRESSIVE STRENGTH (F'C) AT 28 DAYS:
   TYPE S MORTAR . . . . ASTM C270 . . . . . 1800 PSI
   GROUT . . . . . ASTM C476 . . . . . 2500 PSI

4. BOND BEAMS AND ALL VERTICAL REINFORCEMENT:
   A. NEW BILLET STEEL COMPLYING WITH ASTM A615 AND HAVING MINIMUM YIELD STRENGTH OF 60,000 PSI.
   B. REINFORCE FIRST CELL ADJACENT TO ALL OPENINGS UNDER LINTELS USING SAME SIZE BAR AS INDICATED FOR WALL REINFORCING.
   C. LAP DOWELS PROJECTING FROM FOUNDATION OR SLAB.
   D. GROUT REINFORCED CELLS SOLID.
   E. WHERE BOND BEAMS ARE CONTINUOUS AT CORNERS, PROVIDE CORNER BARS WITH MINIMUM 40 BAR DIAMETER LAP SPLICE ON EACH LEG.
   F. BOND BEAMS SHALL BE CONTINUOUS ACROSS VERTICAL CONTROL JOINTS.

5. BED JOINT REINFORCEMENT:
   A. CONTINUOUS HORIZONTAL WIRE TIES SHALL BE PLACED SUCH THAT THE DISTANCE BETWEEN THE FACE OF THE MASONRY WALL AND THE PARALLEL WIRE IS NOT MORE THAN ONE INCH. THE PARALLEL WIRES SHALL CONFORM TO ASTM A82 AND HAVE A MINIMUM YIELD STRESS OF 70.0 KSI.
   B. SINGLE WYTHE BLOCK:
      a. 2-#9 GAGE DEFORMED WIRES, (1) AT EACH FACE SHELL, TRUSS TIED.
   C. BED JOINT REINFORCEMETN CLEAR COVER:
      a. EXTERIOR FACE (EXPOSED TO ELEMENTS): 5/8" MIN
      b. INTERIOR FACE: 1/2" MIN

6. USE LIGHTWEIGHT CONCRETE MASONRY UNITS ABOVE GRADE UNLESS OTHERWISE SHOWN OR NOTED.

7. BEARING FOR BEAMS, LINTELS, JOISTS, ETC., SHALL BE SOLID MASONRY UNITS OR HOLLOW MASONRY UNITS WITH CORES SLUSHED SOLID WITH GROUT. SEE TYPICAL DETAILS.

8. UNLESS OTHERWISE SHOWN OR NOTED, REINFORCING STEEL SHALL BE LAPPED 40 BAR DIAMETERS, MINIMUM.

CONCRETE PLACEMENT

1. CONCRETE PLACEMENT: COMPLY WITH ACI 304, FOR PLACING CONCRETE IN A CONTINUOUS OPERATION WITHIN PLANNED JOINTS OR SECTIONS. DO NOT BEGIN CONCRETE PLACEMENT UNTIL OTHER AFFECTED WORK IS COMPLETED.

2. CONSOLIDATE PLACED CONCRETE USING MECHANICAL VIBRATING EQUIPMENT WITH HAND RODDING AND TAMPING SO THAT CONCRETE IS WORKED AROUND REINFORCEMENT AND OTHER EMBEDDED ITEMS AND INTO FORMS.

3. PROTECT CONCRETE FROM PHYSICAL DAMAGE OR REDUCED STRENGTH DUE TO WEATHER EXTREMES DURING MIXING, PLACING, AND CURING.
   A. IN COLD WEATHER, COMPLY WITH ACI 306.
   B. IN HOT WEATHER, COMPLY WITH ACI 305.

4. FINISH OF FORMED SLAB SURFACES:
   A. SMOOTH-FORMED FINISH: PROVIDE A SMOOTH FINISH FOR CONCRETE SURFACES EXPOSED TO VIEW AND SURFACES TO BE COVERED WITH A COATING OR COVERING MATERIAL APPLIED DIRECTLY TO CONCRETE. REPAIR AND PATCH DEFECTIVE AREAS, WITH FINS AND OTHER PROJECTIONS COMPLETELY REMOVED AND SMOOTHED.
   B. FLOAT FINISH: APPLY FLOAT FINISH TO MONOLITHIC SLAB SURFACES TO RECEIVE TROWEL FINISH WHEN SURFACE WATER HAS DISAPPEARED AND WHEN CONCRETE HAS STIFFENED SUFFICIENTLY TO PERMIT OPERATION OF POWER-DRIVEN FLOATS. CONSOLIDATE SURFACE WITH POWER-DRIVEN FLOATS OR BY HAND-FLOATING.
   C. TROWEL FINISH: APPLY TROWEL FINISH TO MONOLITHIC SLAB SURFACES TO BE EXPOSED TO VIEW AND SLAB SURFACES TO BE COVERED WITH PAINT OR OTHER THIN FILM-FINISH COATING SYSTEM.
      a. AFTER FLOATING, BEGIN FIRST TROWEL-FINISH OPERATION USING A POWER-DRIVEN TROWEL. BEGIN FINAL TROWEL WHEN SURFACE PRODUCES A RINGING SOUND AS TROWEL IS MOVED OVER SURFACES.
      b. CONSOLIDATE CONCRETE SURFACE BY FINAL HAND-TROWELING OPERATION, FREE OF TROWEL MARKS, UNIFORM IN TEXTURE AND APPEARANCE, AND WITH SURFACE LEVELED TO TOLERANCES OF F(F)20 (FLOOR FLATNESS) AND F(L)17 (FLOOR LEVELNESS).
      c. GRIND SMOOTH SURFACE DEFECTS THAT WOULD TELEGRAPH THROUGH APPLIED FLOOR COVERING SYSTEM.

5. CURING:
   A. PROTECT FRESHLY PLACED CONCRETE FROM PREMATURE DRYING AND EXCESSIVE COLD OR HOT TEMPERATURE. IN HOT, DRY, AND WINDY WEATHER, APPLY AN EVAPORATION-CONTROL COMPOUND ACCORDING TO MANUFACTURER'S INSTRUCTIONS AFTER SCREEDING AND BULL FLOATING, BUT BEFORE POWER FLOATING AND TROWELING.
   B. BEGIN INITIAL CURING AS SOON AS FREE WATER HAS DISAPPEARED FROM EXPOSED SURFACES.
   C. CONTINUE CURING UNFORMED CONCRETE SURFACES BY WATER PONDING, CONTINUOUS FOG SPRAYING, CONTINUOUSLY WETTED ABSORPTIVE COVER, OR BY MOISTURE-RETAINING COVER CURING. CURE FORMED SURFACES BY MOIST CURING UNTIL FORMS ARE REMOVED. KEEP CONCRETE CONTINUOUSLY MOIST FOR NOT LESS THAN 7 DAYS.
   D. APPLY MEMBRANE-FORMING CURING COMPOUND TO EXPOSED INTERIOR SLABS AND TO EXTERIOR SLABS, WALKS AND CURBS AS SOON AS FINAL FINISHING OPERATIONS ARE COMPLETE. APPLY UNIFORMLY ACCORDING TO MANUFACTURER'S DIRECTIONS. RECOAT AREAS SUBJECTED TO HEAVY RAINFALL WITHIN 3 HOURS AFTER INITIAL APPLICATION. MAINTAIN CONTINUITY OF COATING AND REPAIR DAMAGE DURING CURING PERIOD.
   E. USE MEMBRANE-CURING COMPOUNDS THAT WILL NOT AFFECT SURFACES TO BE COVERED WITH FINISH MATERIALS APPLIED DIRECTLY TO CONCRETE.

6. PROVIDE EQUIPMENT BASES AND SUPPORTS AS REQUIRED, COMPLYING WITH APPROVED MANUFACTURER'S CERTIFIED SHOP DRAWINGS OR AS DETAILED.

7. SIZE AND LOCATION OF CONCRETE BASES AND EMBEDDED ANCHORAGES FOR EQUIPMENT SHALL BE COORDINATED WITH EQUIPMENT SUPPLIER AND SHALL BE IN ACCORDANCE WITH APPROVED SHOP DRAWINGS.

CONCRETE TESTING

1. FIELD QUALITY CONTROL. THE OWNER WILL EMPLOY A TESTING AGENCY TO PERFORM TESTS AND TO SUBMIT TEST REPORTS. SAMPLING AND TESTING FOR QUALITY CONTROL DURING CONCRETE PLACEMENT. TESTING MAY INCLUDE THE FOLLOWING, AS DIRECTED BY THE STRUCTURAL ENGINEER.
   A. SAMPLING FRESH CONCRETE: ASTM C 172, EXCEPT MODIFIED FOR SLUMP TO COMPLY WITH ASTM C 94.
   B. SLUMP: ASTM C 143, ONE TEST AT POINT OF DISCHARGE FOR EACH DAY'S POUR OF EACH TYPE OF CONCRETE; ADDITIONAL TESTS WHEN CONCRETE CONSISTENCY SEEMS TO HAVE CHANGED.
   C. AIR CONTENT: ASTM C 173, VOLUMETRIC METHOD FOR LIGHTWEIGHT OR, NORMAL WEIGHT CONCRETE; ASTM C 231, PRESSURE METHOD FOR NORMAL WEIGHT CONCRETE; ONE FOR EACH DAY'S POUR OF EACH TYPE OF AIRENTRAINED CONCRETE.
   D. CONCRETE TEMPERATURE: ASTM C 1064: ONE TEST HOURLY WHEN AIR TEMPERATURE IS 40 DEGREES F AND BELOW, WHEN 80 DEGREES F AND ABOVE, AND ONE TEST FOR EACH SET OF COMPRESSIVE STRENGTH SPECIMENS.
   E. COMPRESSION TEST SPECIMEN: ASTM C 31; ONE SET OF FOUR STANDARDS CYLINDERS FOR LABORATORY CURED TEST SPECIMENS EXCEPT WHEN FIELD-CURED TEST SPECIMENS ARE REQUIRED.
   F. COMPRESSIVE-STRENGTH TESTS: ASTM C 39; ONE SET FOR EACH DAY'S POUR EXCEEDING 50 CU. YD. PLUS ADDITIONAL SETS FOR EACH 100 CU. YD. MORE THAN THE FIRST 35 CU. YD. OF EACH CONCRETE PLACED IN ANY ONE DAY; ONE SPECIMEN RETAINED IN RESERVE FOR LATER TESTING IF REQUIRED.

2. WHEN FREQUENCY OF TESTING WILL PROVIDE FEWER THAN FIVE STRENGTH TESTS FOR A GIVEN CLASS OF CONCRETE, CONDUCT TESTING FROM AT LEAST FIVE RANDOMLY SELECTED BATCHES OR FROM EACH BATCH IF FEWER THAN FIVE ARE USED.

3. WHEN TOTAL QUANTITY OF A GIVEN CLASS OF CONCRETE IS LESS THAN 50 CU. YD., STRUCTURAL ENGINEER MAY WAIVE STRENGTH TESTING IF ADEQUATE EVIDENCE OF SATISFACTORY STRENGTH IS PROVIDED.

4. WHEN STRENGTH OF FIELD-CURED CYLINDERS IS LESS THAN 85 PERCENT OF COMPANION LABORATORY-CURED CYLINDERS, EVALUATE CURRENT OPERATIONS AND PROVIDE CORRECTIVE PROCEDURES FOR PROTECTING AND CURING THE IN-PLACE CONCRETE.

5. STRENGTH LEVEL OF CONCRETE WILL BE CONSIDERED SATISFACTORY IF AVERAGES OF ALL SETS OF THREE CONSECUTIVE STRENGTH TEST RESULTS EQUAL OR EXCEED SPECIFIED COMPRESSIVE STRENGTH AND NO INDIVIDUAL STRENGTH TEST RESULT FALLS BELOW SPECIFIED COMPRESSIVE STRENGTH BY MORE THAN 500 PSI.

6. TEST RESULTS WILL BE REPORTED IN WRITING TO STRUCTURAL ENGINEER, STRUCTURAL DESIGNER, READY-MIX PRODUCER, AND CONTRACTOR WITHIN 24 HOURS AFTER TEST REPORTS OF COMPRESSIVE STRENGTH TESTS. REPORTS OF COMPRESSIVE STRENGTH TESTS SHALL CONTAIN THE PROJECT IDENTIFICATION NAME, DATE OF CONCRETE PLACEMENT, NAME OF CONCRETE TESTING SERVICE, CONCRETE TYPE AND CLASS, LOCATION OF CONCRETE BATCH IN STRUCTURE, DESIGN COMPRESSIVE STRENGTH AT 28 DAYS, CONCRETE MIX PROPORTIONS AND MATERIALS, COMPRESSIVE BREAKING STRENGTH, AND TYPE OF BREAK FOR BOTH 7-DAY TESTS AND 28-DAY TESTS.

7. NONDESTRUCTIVE TESTING: IMPACT HAMMER, SONOSCOPE, OR OTHER NONDESTRUCTIVE DEVICE MAY BE PERMITTED BUT SHALL NOT BE USED AS THE SOLE BASIS FOR ACCEPTANCE.

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ISSUE:

#	DATE:	DESCRIPTION:

BID SET
10/01/2019

PROJECT:
Greater Peoria Mass Transit District

CityLink Service Bay Remodel

2105 NE Jefferson Street
Peoria, IL 61603

DATE: 10/01/2019
DESIGNED: DESIGNER
DRAWN: DRAWN BY
REVIEWED: REVIEWER

SHEET TITLE:

GENERAL STRUCTURAL NOTES

SHEET NUMBER:

S0.1

PROJECT NO.: 0180459.05

9/30/2019 3:53:20 PM

LID FRAMING PLAN NOTES

A. OFFICE LID CONSTRUCTION: 2 1/2" TOTAL THICKNESS OF NORMAL WEIGHT CONCRETE SLAB ON 1.0 FD 20GA GALV METAL DECK. FASTEN WITH #12 AT 12" OC TO LIGHT GAGE STUDS AND EDGE ANGLES. REINFORCE SLAB WITH 6x6 W2.1xW2.1 WWF.

B. REINFORCE CMU WALLS WITH #5 VERTICAL AT 32" OC MAX WITH 26" LAP SPLICES WHERE REQUIRED.
   a. PROVIDE JAMB AND LINTEL REINFORCEMENT PER 2/S1.2 AND 3/S1.2.
   b. PROVIDE BOND BEAM IN TOP COURSE OF WALL PER 1/S1.2.
   c. PROVIDE ADDITIONAL REINFORCEMENT AT SMALL OPENINGS PER 4/S1.2.

C. ALL STEEL IN LID FRAMING AND THEIR CONNECTIONS SHALL BE GALVANIZED.

FOUNDATION PLAN NOTES

A. SEE S0.1 FOR GENERAL STRUCTURAL NOTES.

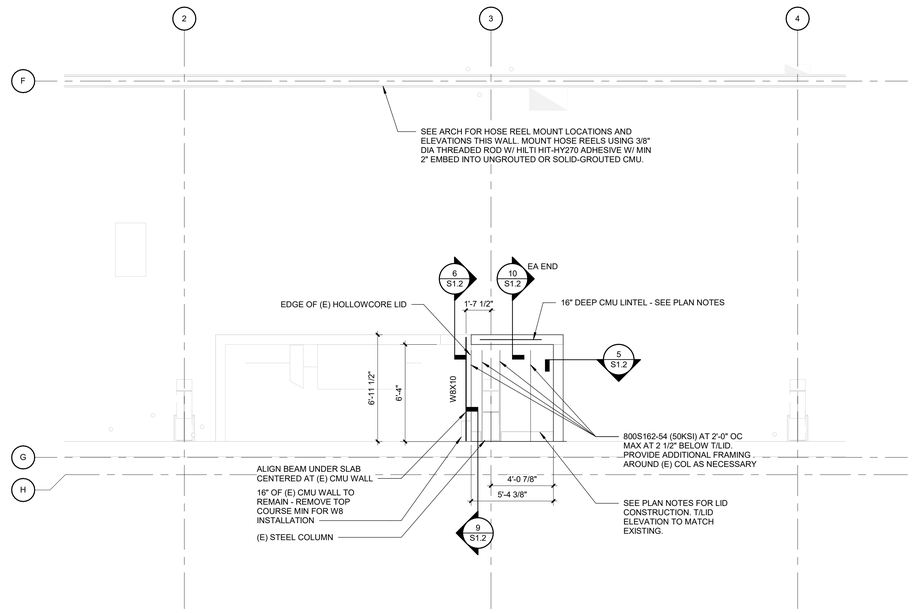
B. FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS RELATIVE TO WORK PRIOR TO STEEL FABRICATION AND CONSTRUCTION.

C. SEE ARCHITECTURAL FOR DIMENSIONS NOT SHOWN.

D. SEE ARCHITECTURAL FOR FLOOR SLAB SLOPE REQUIREMENTS.

E. COMPACTED FILL UNDER SLAB ON GRADE SHALL BE 6" FREE DRAINING GRANULAR FILL.

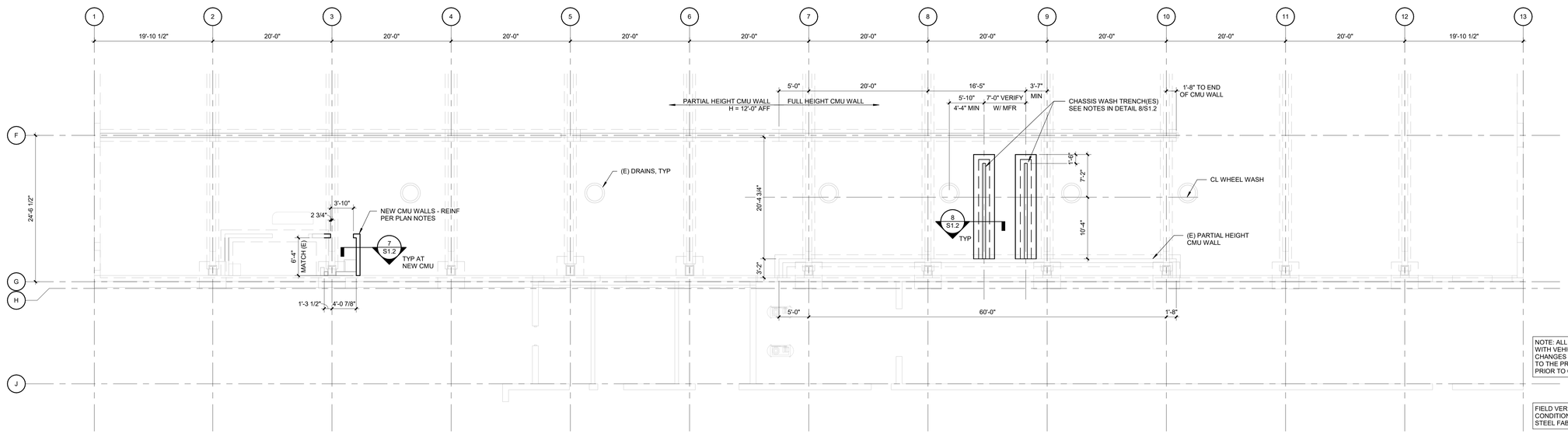
F. COORDINATE ALL FLOOR SLAB OPENINGS WITH OTHER TRADES.



FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS RELATIVE TO WORK PRIOR TO STEEL FABRICATION AND CONSTRUCTION.

2 LID FRAMING PLAN
SCALE: 1/4" = 1'-0"

PLAN NORTH 0 2 4 8



NOTE: ALL DIMENSIONS SHALL BE COORDINATED WITH VEHICLE WASH MANUFACTURER. ANY CHANGES IN DIMENSIONS SHALL BE PROVIDED TO THE PROJECT ENGINEER FOR APPROVAL PRIOR TO COMMENCEMENT OF WORK.

FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS RELATIVE TO WORK PRIOR TO STEEL FABRICATION AND CONSTRUCTION.

1 FOUNDATION PLAN
SCALE: 1/8" = 1'-0"

PLAN NORTH 0 4 8 16

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BID SET
10/01/2019

PROJECT:
Greater Peoria Mass Transit District

CityLink Service Bay Remodel

2105 NE Jefferson Street
Peoria, IL 61603

DATE:	10/01/2019
DESIGNED:	AKC
DRAWN:	AKC
REVIEWED:	PMH

SHEET TITLE:

FOUNDATION AND FRAMING PLANS

SHEET NUMBER:

S1.1

PROJECT NO.: 0180459.05

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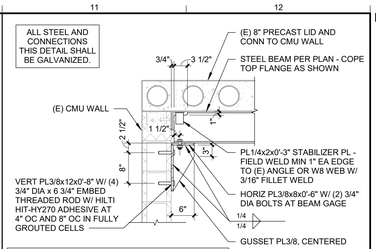
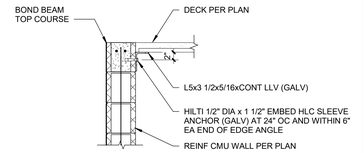


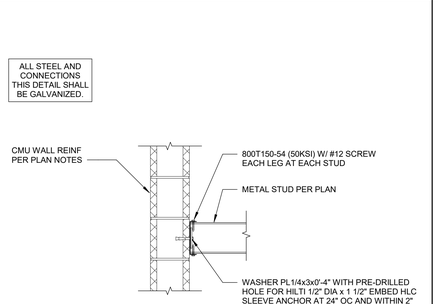
6 BEAM CONN TO CMU WALL

SCALE: 3/4" = 1'-0"



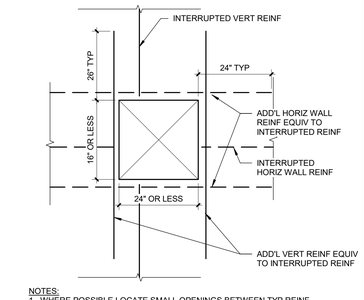
5 DECK BEARING AT CMU WALL

SCALE: 3/4" = 1'-0"



10 LT GA STUD JOISTS TO MASONRY

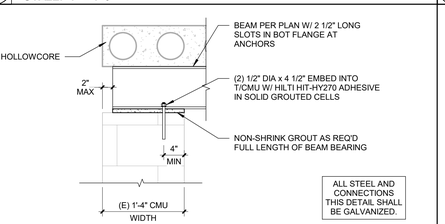
SCALE: 1" = 1'-0"



NOTES:
1. WHERE POSSIBLE LOCATE SMALL OPENINGS BETWEEN TYP REINF.
2. DO NOT INTERRUPT BOND BEAM, LEDGER, LINTEL, JAMB, OR CONTROL JOINT REINFORCEMENT.

4 MASONRY WALL - SMALL OPENING

SCALE: 1/2" = 1'-0"

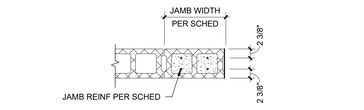


9 WF BEARING PARALLEL TO CMU

SCALE: 1" = 1'-0"

OPENING WIDTH	JAMB WIDTH	JAMB REINF. PER CELL
2'-0" TO 4'-4"	8"	(2)#5

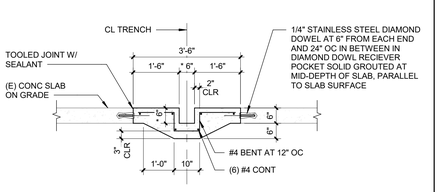
NOTE: DO NOT LOCATE MASONRY CONTROL JOINTS WITHIN JAMB WIDTH.



3 MASONRY JAMB REINFORCEMENT

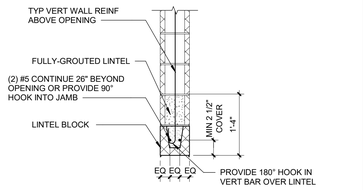
SCALE: 3/4" = 1'-0"

NOTES:
1. VERIFY LOCATION OF CHASSIS TRENCHES WITH VEHICLE WASH MFR PRIOR TO REMOVAL OF EXISTING SLAB.
2. * MAX DIMENSION SHOWN. ACTUAL DIMENSION AS REQ'D AND PROVIDED BY VEHICLE WASH MFR.
3. ALL DIMENSIONS SHALL BE COORDINATED WITH VEHICLE WASH MANUFACTURER. ANY CHANGES IN DIMENSIONS SHALL BE PROVIDED TO THE PROJECT ENGINEER FOR APPROVAL PRIOR TO COMMENCEMENT OF WORK.



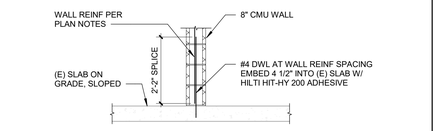
8 CHASSIS TRENCH IN (E) SLAB

SCALE: 1/2" = 1'-0"



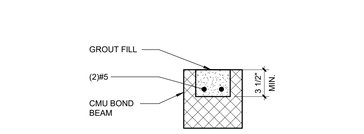
2 MASONRY WALL LINTEL

SCALE: 3/4" = 1'-0"



7 NEW CMU WALL ON (E) SLAB

SCALE: 1/2" = 1'-0"



1 TYPICAL CMU BOND BEAM

SCALE: 1 1/2" = 1'-0"

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ISSUE:

#	DATE:	DESCRIPTION:

BID SET
10/01/2019

PROJECT:
Greater Peoria Mass Transit District

CityLink Service Bay Remodel

2105 NE Jefferson Street
Peoria, IL 61603

DATE:	10/01/2019
DESIGNED:	AKC
DRAWN:	AKC
REVIEWED:	PMH

SHEET TITLE:

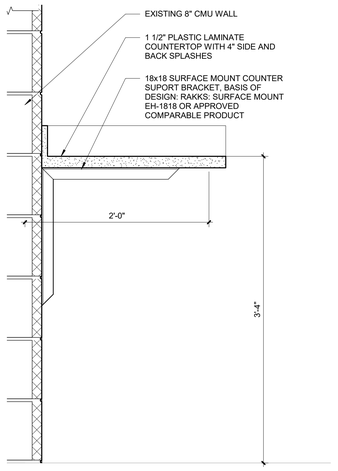
FOUNDATION AND FRAMING DETAILS

SHEET NUMBER:

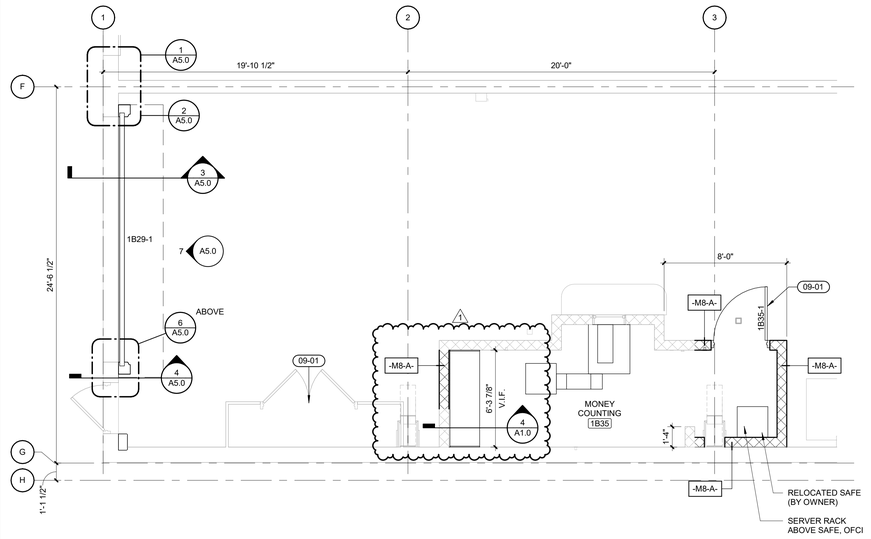
S1.2

PROJECT NO.: 0180459.05

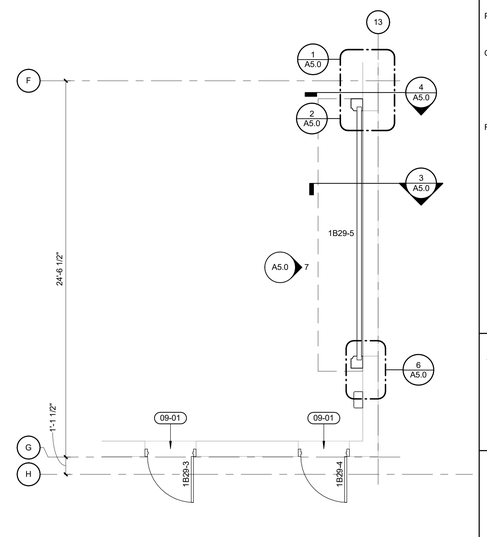
8/30/2019 3:53:21 PM



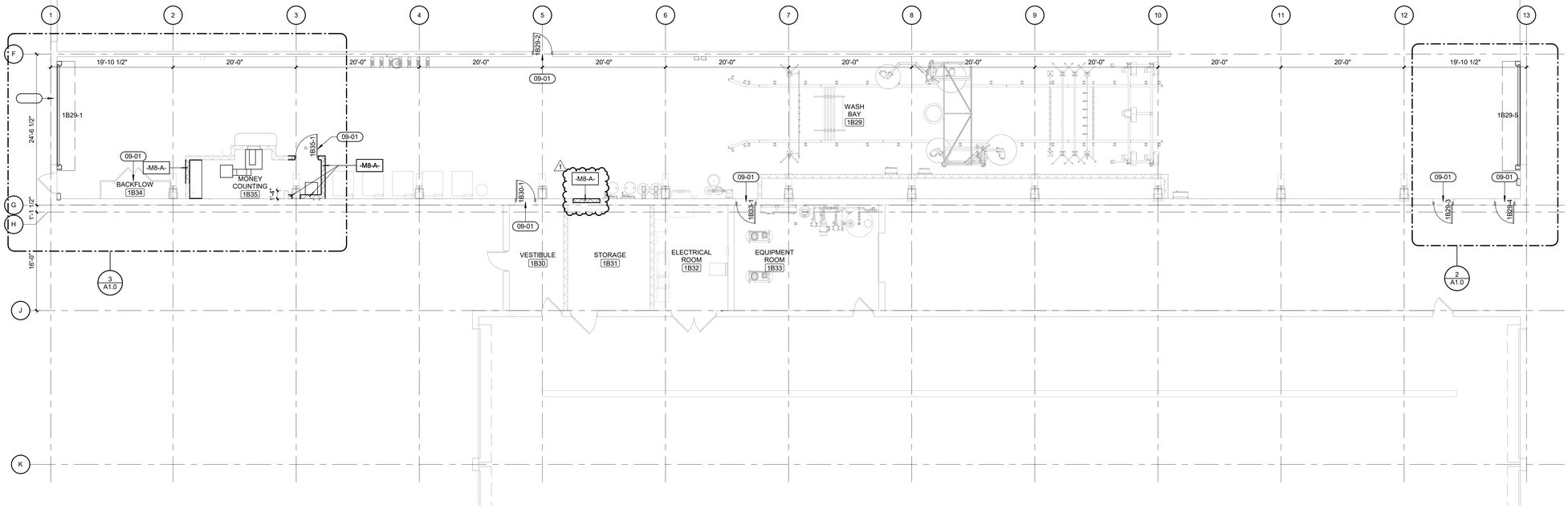
4 **COUNTERTOP DETAIL**
Scale: 1 1/2" = 1'-0"



3 **ENLARGED FLOOR PLAN**
Scale: 1/4" = 1'-0"



2 **ENLARGED PLAN**
Scale: 1/4" = 1'-0"



1 **FIRST FLOOR PLAN**
Scale: 1/8" = 1'-0"

PLAN GENERAL NOTES

A. SEE A7.1 FOR PARTITION TYPES.

B. ALL DIMENSIONS ARE TO FACE OF STUD, CMU AND/OR CONCRETE UNLESS NOTED OTHERWISE.

C. ALL WOOD IN CONTACT WITH CONCRETE SHALL BE PRESSURE TREATED.

D. INSTALL ALL DOORS WITH MINIMUM 18 INCHES CLEAR FROM INSIDE FACE OF LATCH SIDE OF JAMB TO FINISH FACE OF WALL ON PULL SIDE OF DOOR, AND MINIMUM 12" ON OPPOSITE SIDE.

E. IT IS THE RESPONSIBILITY OF CONTRACTOR TO PROVIDE COMPLETE WORKING SYSTEMS FOR ALL NEW ELEMENTS.

F. CONTRACTOR SHALL PROVIDE NEW, UNDAMAGED MATERIALS UNLESS OTHERWISE SPECIFIED.

G. STORE MATERIALS IN SUCH A MANNER AS NOT TO OVERSTRESS, OVERLOAD, OR OTHERWISE PUT AN UNSAFE LOAD ON ANY STRUCTURE DURING CONSTRUCTION.

H. INSTALL ALL WORK IN ACCORDANCE WITH CURRENT APPLICABLE CODES, PUBLISHED STANDARDS, AND ACCEPTABLE CONSTRUCTION STANDARDS.

I. ALL NEW WORK SHALL BE PLUMB AND LEVEL UNLESS OTHERWISE NOTED.

J. EACH SUBCONTRACTOR SHALL COORDINATE THEIR WORK WITH ALL OTHER TRADES.

K. DO NOT SCALE DRAWINGS TO DETERMINE DIMENSIONS. IF A REQUIRED DIMENSION IS NOT INDICATED, CONTACT THE ARCHITECT FOR DETERMINATION.

L. DETAILS ARE GENERALLY TYPICAL AND ARE NOT TO BE CONSTRUED AS LIMITED TO THOSE AREAS SPECIFICALLY INDICATED. REVIEW ANY QUESTIONS OR CONFLICTING INFORMATION WITH THE ARCHITECT PRIOR TO INSTALLATION.

M. THE CONTRACTOR SHALL NOT CUT STRUCTURAL MEMBERS/ELEMENTS IN A MANNER RESULTING IN A REDUCTION OF LOAD CARRYING CAPACITY OR LOAD/DEFLECTION RATIO.

N. REFER TO STRUCTURAL DRAWINGS FOR FRAMING INFORMATION AND FRAMING DIMENSIONS.

O. HINGE SIDE OF DOOR JAMBS TO BE LOCATED 4" FROM NEAREST WALL INTERSECTION UNLESS OTHERWISE NOTED.

P. PAINT ALL STEEL DOORS, DOOR FRAMES, INTERIOR BORROW LITE FRAMES, LINTELS AND OTHER EXPOSED METAL ITEMS UNLESS OTHERWISE NOTED OR SHOWN.

Q. EXISTING CONDITION INFORMATION SHOWN WITHIN THE PROJECT AREA IS BASED ON FIELD OBSERVATION AND EXISTING DRAWING DOCUMENTATION. ALL EXISTING CONDITION INFORMATION SHOWN OUTSIDE THE PROJECT AREA IS PROVIDED FOR REFERENCE ONLY AND HAS NOT BEEN FIELD VERIFIED. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING CONDITIONS PRIOR TO BEGINNING ANY NEW WORK AND SHALL BRING AND DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT/ENGINEER PRIOR TO DEMOLITION AND CONSTRUCTION.

R. PROVIDE TEMPORARY BRACING OF EQUIPMENT, MATERIALS OR OTHER DEVICES AS REQUIRED DURING AND AFTER DEMOLITION UNTIL NEW CONSTRUCTION IS COMPLETE.

KEYNOTES (BY DIVISION) #-#

DIVISION 09: FINISHES
09-01 PAINT NEW DOOR AND FRAME, PNT-1

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ISSUE:

#	DATE:	DESCRIPTION:
1	10/14/2019	ADDENDUM #1

BID SET
10/1/2019

PROJECT:
Greater Peoria Mass Transit District

CityLink Service Bay Remodel

2105 NE Jefferson Street
Peoria, IL 61603

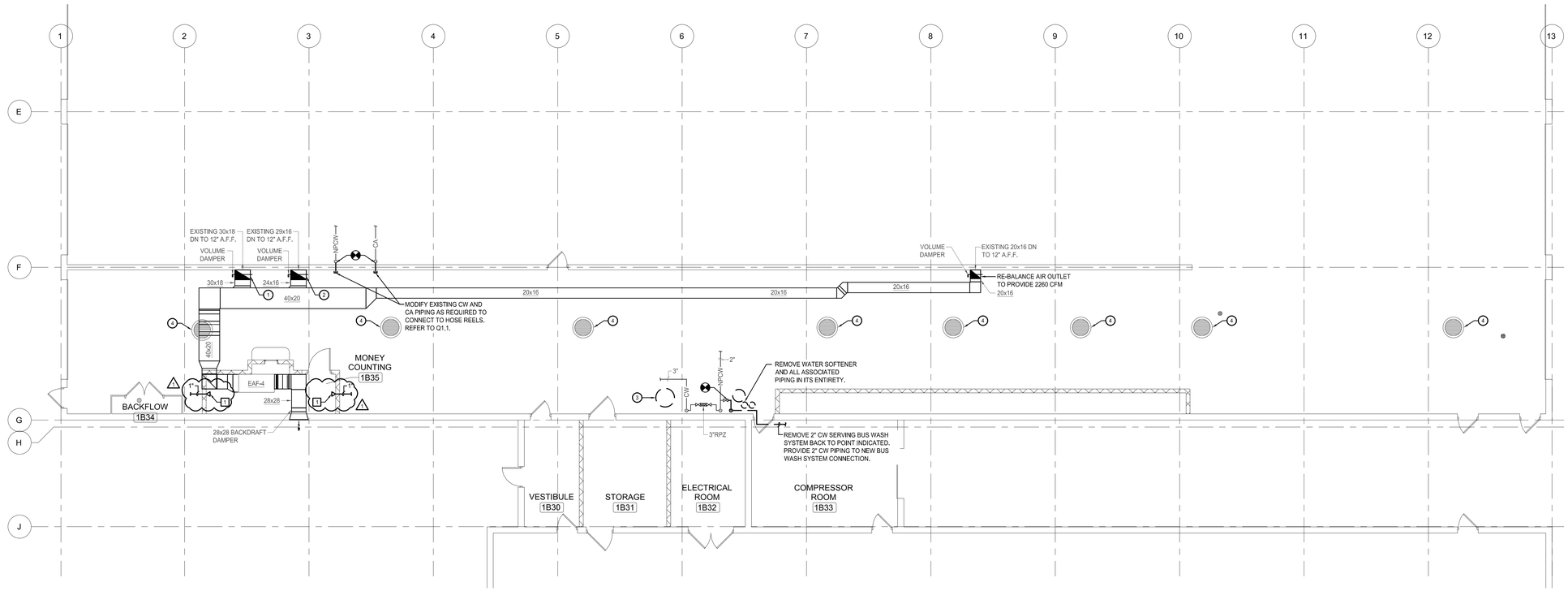
DATE:	10/1/2019
DESIGNED:	DRD
DRAWN:	TAW
REVIEWED:	EJB

SHEET TITLE:
FIRST FLOOR PLAN

SHEET NUMBER:
A1.0

PROJECT NO.: 0180459.05

10/14/2019 10:27:33 AM



1 FIRST FLOOR MECHANICAL PLAN

SCALE: 1/8" = 1'-0"

ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
AG	ABOVE GRADE
AC	AIR COMPRESSOR
BAV	BALANCING VALVE
BFF	BELOW FINISHED FLOOR
BFP	BACKFLOW PREVENTER
BV	BALL VALVE
CA	COMPRESSED AIR
CB	CATCH BASIN
CEB	CONCRETE EQUIPMENT BASE
CFH	CUBIC FEET PER HOUR
CI	CAST IRON
CO	CLEANOUT
CW	COLD WATER
CV	COMMON VENT
CKV	CHECK VALVE
DS	DOWNSPOUT
DTF	DOWN THRU FLOOR
DN	DOWN
DI	DUCTILE IRON
DSN	DOWN SPOUT NOZZLE
DTF	DOWN THROUGH FLOOR
DWH	DOMESTIC WATER HEATER
EC	ELECTRICAL CONTRACTOR
EQ	EQUIPMENT
EST	EMERGENCY STORM SEWER
EXIST.	EXISTING
ET	EXPANSION TANK
F	FAHRENHEIT DEGREES
FBO	FURNISHED BY OTHERS
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
FFA	FROM FLOOR ABOVE
FFB	FROM FLOOR BELOW
FL	FLUID LUBRICATION
G	GAS
GC	GENERAL CONTRACTOR
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
GWH	GAS WATER HEATER
HB	HOSE BIBB
HC	HVAC CONTRACTOR
HW	HOT WATER
HP	HORSEPOWER
M	METER
MV	MIXING VALVE
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
OI	OIL INTERCEPTOR
P	PUMP
PCAC	PIPE CONNECTION AT CEILING
PC	PLUMBING CONTRACTOR
PET	PLUMBING EXPANSION TANK
PRV	PRESSURE REDUCING VALVE
RD	ROOF DRAIN
RWL	RAIN WATER LEADER
SAN	SANITARY SEWER
SF	SQUARE FOOT
ST	STORM SEWER
STR	STRAINER
V	VENT
VTR	VENT THROUGH ROOF
WCO	WALL CLEANOUT
WG	WATER GAUGE
WH	WALL HYDRANT
WHA	WATER HAMMER ARRESTOR
WM	WATER METER
WSV	WASTE STACK VENT

SYMBOLS - VALVES AND SPECIALTIES

- SHUT-OFF VALVE (GATE, BALL, ETC.)
- SHUT-OFF VALVE IN RISER
- CHECK VALVE
- STRAINER
- BRANCH CONNECTION - BOTTOM
- BRANCH CONNECTION - TOP
- ELBOW - TURNED DOWN
- ELBOW - TURNED UP
- CAP
- CLEANOUT (FLOOR/WALL) (FCO / WCO)
- FLOOR DRAIN
- WALL HYDRANT (WH)
- HOSE BIBB (HB)
- UNION
- DIRECTION OF FLOW
- POINT OF CONNECTION / REMOVAL

SYMBOLS - PIPING DESIGNATIONS

CW	COLD WATER
NPCW	NON POTABLE COLD WATER
CA	COMPRESSED AIR

2 DEMOLITION NOTES:

1. REMOVE 30x18 DUCT FROM FLOOR BACK TO FLANGED JOINT AT APPROXIMATELY 10' ABOVE FINISHED FLOOR. MAINTAIN VOLUME DAMPER IN SECTION OF DUCT ABOVE. PROVIDE NOMINAL 28"x16" PRICE MODEL 520D SUPPLY REGISTER (OR APPROVED EQUAL) WITH OPPOSED BLADE VOLUME DAMPER ON BOTTOM OF DUCT TO DISCHARGE AIR DOWN TOWARD FLOOR. MODIFY DUCT AS REQUIRED TO ACCOMMODATE AIR DEVICE. RE-BALANCE AIR OUTLET TO PROVIDE 3,170 CFM.
2. REMOVE 29x16 DUCT FROM FLOOR BACK TO FLANGED JOINT AT APPROXIMATELY 8' ABOVE FINISHED FLOOR. MAINTAIN VOLUME DAMPER IN SECTION OF DUCT ABOVE. PROVIDE NOMINAL 26"x14" PRICE MODEL 520D SUPPLY REGISTER (OR APPROVED EQUAL) WITH OPPOSED BLADE VOLUME DAMPER ON BOTTOM OF DUCT TO DISCHARGE AIR DOWN TOWARD FLOOR. MODIFY DUCT AS REQUIRED TO ACCOMMODATE AIR DEVICE. RE-BALANCE AIR OUTLET TO PROVIDE 2,570 CFM.
3. REMOVE DOMESTIC WATER HEATER IN ITS ENTIRETY. REMOVE HW PIPING IN ITS ENTIRETY. REMOVE CW PIPING BACK TO MAIN AND CAP. REMOVE GAS PIPING BACK TO MAIN AND CAP. REMOVE FLUE IN ITS ENTIRETY. COORDINATE WITH ROOF MANUFACTURER FOR PATCHING OF ROOF.
4. JET FLUSH CATCH BASINS AND ASSOCIATED DRAINAGE PIPE.

1 CONSTRUCTION NOTES:

1. MODIFY EXISTING SPRINKLER PIPING TO MONEY COUNTING ROOM 1B35. PROVIDE SIDEWALL QUICK RESPONSE, 5.6K SPRINKLER HEADS WHERE INDICATED. PROVIDE SCHEDULE 40 THREADED BLACK STEEL PIPING, EXTEND PIPING TO NEAREST FIRE PROTECTION MAIN.

GENERAL NOTES:

1. THIS LEGEND SHEET IS FOR THE CONTRACTORS REFERENCE ONLY. NOT ALL SYMBOLS AND/OR ABBREVIATIONS MAY APPLY TO THIS PARTICULAR PROJECT. ANY ADDITIONS OR OMISSIONS FROM THIS LEGEND SHEET DOES NOT IMPLY INCLUSION AND/OR EXCLUSION OF ANY PARTICULAR ITEM FROM THE PROJECT.
2. THE PLANS ARE DIAGRAMMATIC AND INDICATE ONLY THE SIZE AND GENERAL ARRANGEMENT OF PIPING AND EQUIPMENT. EXACT LOCATION OF ALL ELEMENTS SHALL BE DETERMINED AS WORK PROGRESSES, IN COOPERATION AND COORDINATION WITH THE WORK OF ALL OTHER TRADES. IT IS NOT INTENDED TO SHOW EVERY ITEM OF WORK OR MINOR PIECE OF EQUIPMENT, BUT THE CONTRACTOR SHALL FURNISH AND INSTALL WITHOUT ADDITIONAL REMUNERATION ANY COMPONENT NECESSARY TO COMPLETE THE SYSTEM IN ACCORDANCE WITH THE BEST PRACTICE OF THE TRADE.
3. ITEMS OF WORK OR EQUIPMENT SHOWN ON THE DRAWINGS ONLY, OR CALLED FOR IN THE SPECIFICATIONS ONLY, SHALL BE FURNISHED AND INSTALLED IN THE SAME MANNER AS IF THEY APPEARED ON BOTH THE DRAWINGS AND SPECIFICATIONS.
4. DRAWINGS DO NOT INDICATE ALL OFFSETS, CHANGES IN ELEVATIONS, ETC. WHICH MAY BE REQUIRED. THE CONTRACTOR SHALL MAKE SUCH CHANGES IN PIPING AND LOCATION OF EQUIPMENT, ETC. TO ACCOMMODATE WORK WITH THAT OF OTHER CONTRACTORS.
5. INSTALL EQUIPMENT AND PIPING TO AVOID INTERFERENCE WITH THE OPERATION OR SERVICING AND MAINTENANCE OF EQUIPMENT.
6. PIPES PENETRATING FIRE WALLS AND FLOORS SHALL BE FIRESTOPPED AS SPECIFIED. REFER TO THE ARCHITECTURAL DRAWINGS FOR FIRE WALL AND FLOOR LOCATIONS.
7. ALL PHYSICAL ATTRIBUTES OF EQUIPMENT AND DEVICES ARE BASED ON THOSE MANUFACTURERS LISTED IN THE SPECIFICATIONS AND/OR THE EQUIPMENT SCHEDULES. THE RESPECTIVE CONTRACTORS ARE RESPONSIBLE FOR ALL CHANGES BROUGHT ABOUT BY USE OF ITEMS BY OTHER MANUFACTURERS. THE ARCHITECT/ENGINEER HAS RESERVED THE RIGHT TO REJECT ITEMS BY OTHER MANUFACTURERS IF THOSE ITEMS DO NOT MATCH THE PHYSICAL ATTRIBUTES OF THE MANUFACTURERS LISTED.
8. COMPLY WITH THE ILLINOIS STATE BUILDING CODE, ILLINOIS STATE PLUMBING CODE, ILLINOIS STATE ENERGY CONSERVATION CODE, NFPA, ASHRAE 90.1 AND OTHER APPLICABLE CODES.

PLUMBING PIPE SCHEDULE

SERVICE	SIZE	MATERIAL	PIPE WEIGHT	JOINTS	FITTINGS	
					MATERIAL	CLASS
COLD WATER ABOVE GROUND	2"AND DN	TYPE L COPPER	-	SOLDER	WROUGHT COPPER	-
COMPRESSED AIR	2" AND DN	CARBON STEEL, A53 GR. B ERW	SCHEDULE 40	THREADED	MALLEABLE IRON	150

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ISSUE:

#	DATE:	DESCRIPTION:
1	10/11/19	ADDENDUM #1

BID SET
10/01/2019

PROJECT:
Greater Peoria Mass Transit District

CityLink Service Bay Remodel

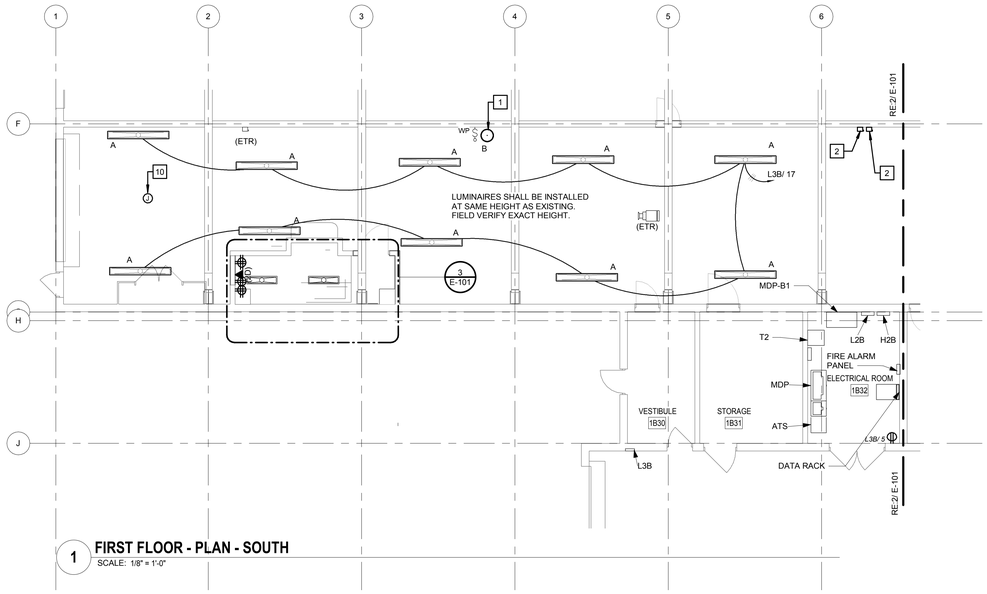
2105 NE Jefferson Street
Peoria, IL 61603

DATE:	10/01/2019
DESIGNED:	KGP
DRAWN:	KGP
REVIEWED:	CRL

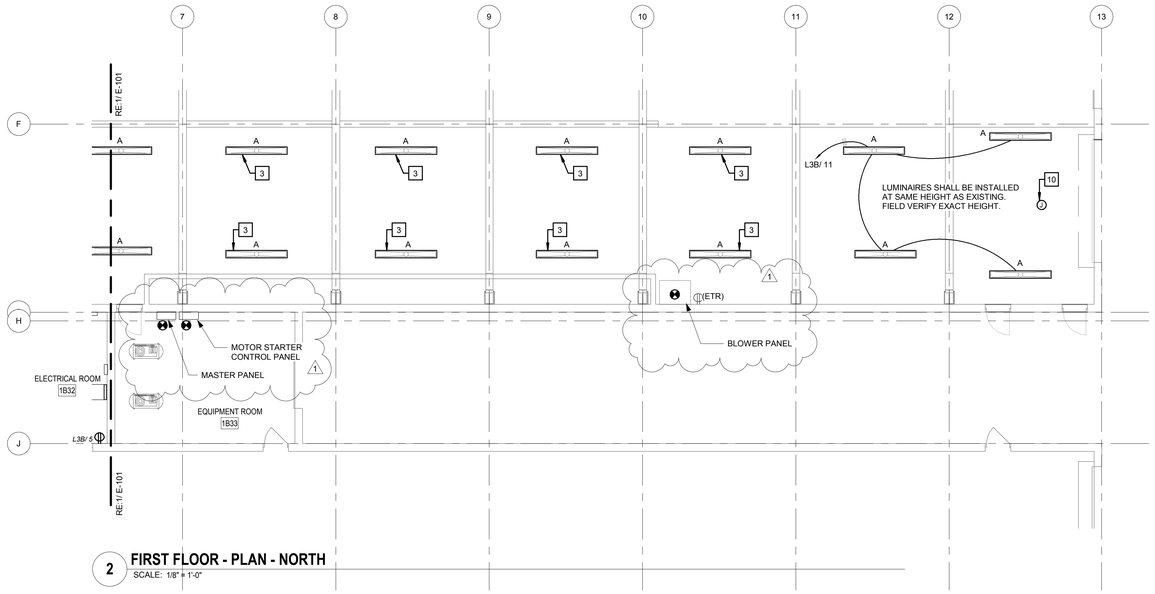
SHEET TITLE:
FIRST FLOOR MECHANICAL PLAN

SHEET NUMBER:
M1.1

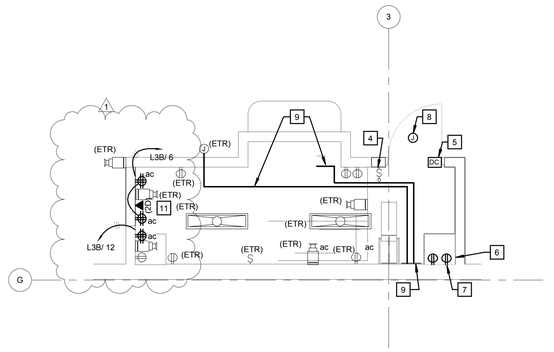
PROJECT NO.: 487902



1 **FIRST FLOOR - PLAN - SOUTH**
SCALE: 1/8" = 1'-0"



2 **FIRST FLOOR - PLAN - NORTH**
SCALE: 1/8" = 1'-0"



3 **ENLARGED PLAN - MONEY ROOM**
SCALE: 1/4" = 1'-0"

GENERAL NOTES:

A. THE USE OF MC CABLE IS PROHIBITED IN THE BUS WASH SERVICE LANE OR MONEY ROOM. USE OF MC CABLE MUST BE APPROVED BY ENGINEER.

B. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL INTERCONNECTING OF BUS WAS EQUIPMENT. CONTRACTOR SHALL REFER TO DRAWING LY19-074-06A AND LY19-074-06B FOR ALL ADDITIONAL REQUIREMENTS.

CONSTRUCTION NOTES:

1. UTILIZE EXISTING BRANCH CIRCUIT FOR NEW LIGHTING FIXTURE AND WEATHER PROOF SWITCH. PROVIDE 2 #12 & #12EG IN 3/4" CONDUIT.
2. PROVIDE NEMA 4 STAINLESS STEEL 30 AMP 3 PHASE 4 WIRE STARTER DISCONNECT AND RECONNECT LINE AND LOAD FEEDERS. EXTEND FEEDERS AS REQUIRED. PROVIDE 3#10 & #10EG IN 1" CONDUIT.
3. UTILIZE EXISTING BRANCH CIRCUIT FOR NEW LIGHTING FIXTURE. EXTEND EXISTING BRANCH CIRCUIT AS REQUIRED PROVIDE 2#12 & #12EG IN 3/4" CONDUIT
4. RELOCATED LIGHTING SWITCH CONTROL FOR MONEY ROOM. PROVIDE 2#12 & #12EG IN 3/4" CONDUIT.
5. RELOCATED DOOR CONTRACTOR FOR SECURITY SYSTEM. EXTEDN SYSTEM WIRING AS REQUIRED AND PROVIDE 1/2" CONDUIT OR CONCEAL CABLE IN CONSTRUCTION.
6. PROVIDE 3' x 3' x 3' WALL MOUNTED DATA RACK WITH FRONT REMOVABLE LEXAN HINGED DOOR FOR MOUNTING MONEY ROOM SERVER AND COMPUTER.
7. RELOCATED DUPLEX RECEPTACLES FOR POWERING WALL MOUNTED DATA RACK.
8. PROVIDE JUNCTION BOX AND 1" CONDUIT BACK TO DATA RACK IN ELECTRIC ROOM FOR NEW OWNER SUPPLIED CAMERA. PROVIDE CATEGORY 6 CABLE AND TERMINATE AT DATA RACK AND PROVIDE WITH RJ45 JACK AT JUNCTION BOX.
9. PROVIDE 2'x2'x4' PLYWOOD BACKER BOARD FOR MOUNTING MONEY MACHINE CONTROL PANELS. MOUNT RELOCATED CONTROL PANELS AND PROVIDE NEW CABLE FROM JUNCTION BOX AND MONEY MACHINE TO PANELS IN 3/4" CONDUIT. CABLE SHALL BE ALPHA WIRE-NR 9852C 3PR22AWG, 1PR20AWG SHIELDED OR SIMILAR.
10. UTILIZE EXISTING BRANCH CIRCIT FOR CONNECITON TO NEW OVERHEAD DOOR MOTOR AND OPERATOR. PROVIDE 2#12+#12EG IN 3/4" CONDUIT AS REQUIRED.
11. PROVIDE 2 CATEGORY 6 DATA CABLES BACK TO DATA RACK IN ROOM 1B32 AND TERMINATE ON EXISITNG PATCH PANEL. PROVIDE FOUR (4) 3' CATEGORY G PATCH PANELS FOR TYING INTO NETWORK.

1

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ISSUE:

#	DATE:	DESCRIPTION:
1	10/11/19	ADDENDUM #1

BID SET
08/09/2019

PROJECT:
Greater Peoria Mass Transti District

CityLink Service Bay Remodel

2105 NE Jefferson Street
Peoria, IL 61603

DATE:	08/09/2019
DESIGNED:	CDW
DRAWN:	MLH
REVIEWED:	JJR

SHEET TITLE:
FIRST FLOOR PLAN

SHEET NUMBER:
E-101

PROJECT NO.: 487902

10/14/2019 10:27:30 AM

CONSTRUCTION NOTES:

1. PROVIDE NOTED BREAKER IN EXISITNG PANEL MATCHING EXISTING TYPE AND A.I.C RATING.

Branch Panel: L3B

Location:
Supply From:
Mounting: Recessed
Enclosure: Type 1

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating:
Mains Type: MLO
Mains Rating: 225 A
MCB Rating:

Notes:

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	PUMP 1	20 A	2	0.0	0.0					1	20 A	ACTIVE	2
3						0.0	0.0			1	20 A	Power	4
5	MONEY MACHINE RECPT.	20 A	1					0.2	0.4	1	20 A	Receptacle	6
7	PUMP 2	20 A	2	0.0	0.0					2	30 A	ACTIVE	8
9						0.0	0.0						10
11	Lighting	20 A	1					0.5	0.2	1	20 A	Receptacle	12
13	PUMP 3	20 A	2	0.0	0.0					--	--	Space	14
15						0.0	0.0			--	--	Space	16
17	Lighting	20 A	1					1.3	0.0	--	--	Space	18
19	120 VOLT RECEPTACLE	25 A	1	0.0	0.0					--	--	Space	20
21	CARD READER	20 A	1			0.0	0.0			1	20 A	ACTIVE	22
23	Space	--	--					0.0	0.0	--	--	Space	24
25	ATTENDANT SUB PANEL	60 A	2	0.0	0.0					--	--	Space	26
27						0.0	0.0			--	--	Space	28
29	Space	--	--					0.0	0.0	--	--	Space	30
		Total Load:		0.0 kVA		0.0 kVA		2.5 kVA					
		Total Amps:		0 A		0 A		21 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Lighting	1820 VA	100.00%	1820 VA		
Power	0 VA	0.00%	0 VA	**Total Conn. Load:**	2.5 kVA
Receptacle	720 VA	100.00%	720 VA	**Total Est. Demand:**	2.5 kVA
				Total Conn. Current:	7 A
				Total Est. Demand Current:	7 A

Notes:

Branch Panel: H2B

Location: ELECTRICAL ROOM 1B32
Supply From:
Mounting: Surface
Enclosure: Type 1

Volts: 480/277 Wye
Phases: 3
Wires: 4

A.I.C. Rating:
Mains Type:
Mains Rating: 600 A
MCB Rating:

Notes:

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1				0.0	0.0								2
3	MAU-1	600 A	3			0.0	0.0			3	30 A	PRE 2 & 3	4
5								0.0	0.0				6
7				0.0	0.0								8
9	MAU-2	20 A	3			0.0	0.0			3	20 A	PRE 6 & 7	10
11								0.0	0.0				12
13				0.0	0.0					1	20 A	ACTIVE	14
15	MAU-3	20 A	3			0.0	0.0			1	20 A	UNIT HEATER, STORAGE ROOM	16
17								0.0	0.0	1	20 A	ACTIVE	18
19				0.0	0.0								20
21	ACTIVE	20 A	3			0.0	0.0			3	30 A	BUS WASH SLAVE PANEL 1	22
23								0.0	0.0				24
25				0.0	0.0								26
27	BUS WASH MAIN PANEL FEED	125 A	3			0.0	0.0			3	30 A	BUS WASH SLAVE PANEL 2	28
29								0.0	0.0				30
		Total Load:		0.0 kVA		0.0 kVA		0.0 kVA					
		Total Amps:		0 A		0 A		0 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0.0 kVA
				Total Est. Demand:	0.0 kVA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

Notes:

LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	DRIVER	LAMPS	VOLTAGE	DESIGN MAKE	ACCEPTABLE MANUFACTURER
A	LED SEALED INDUSTRIAL V2 SPECIALIZED WET LOCATION, IP RATED, NON-CORROSIVE LUMINAIRE, WITH WATERPROOF FITTINGS PROVIDED BY MANUFACTURER.	0-10V DIMMABLE TO 10%	4000K	UNIVERSAL VOLTAGE. 120-277 VOLT	DAY-BRITE V2WPB70L840-8-UNV-MD360W	
B	RUGGED LED LOADING DOCK LIGHTING FIXTURE WITH HIGH PERFORMANCE PHILIPS LUMILED LED CHIPS. RATED FOR OUTDOOR USE	LED DRIVER	4000K 23 WATT	120 VAC	TRACE LIT LDL200-4K	

1

EQUIPMENT CONNECTION SCHEDULE

EQUIPMENT							POWER SUPPLY					CONTORL DEVICES										
												DISCONNECT SWITCH										
ITEM DESGINATION	EQUIPMENT NAME	ROOM/LOCATION	HP	kW	PHASE	VOLTAGE	SOURCE	CIRCUIT #	CIRCUIT BREAKER	CONDUCTOR, GROUND SIZE (AWG) COPPER	RACEWAY SIZE	SWITCH AMPS	FUSE SIZE	LOCATION	STARTER NEMA SIZE	COMBINATION FVNR MOTOR STARTER/DISCONNECT SWITCH	FRACTIONAL HP DISCONNECT SWITCH	DISCONNECT SWITCH AT UNIT	PACKAGED CONTROL UNIT (SUPPLIED BY OTHERS)	THERMOSTAT CONTORL UNIT (SUPPLIED BY OTHERS)	VARIABLE FREQUENCY DRIVE (PROVIDED BY OTHERS)	NOTES
BLOWER CONTROL PANEL		SERVICE LANE	-	59.859648	3	480 V	MDP	1,3,5	90 A	4#2-#8EG	1-1/4"	-	-	-	-	-	-	-	X	-	-	
MOTOR STARTER CONTROL PANEL		EQUIPMENT ROOM 1B33	-	57.365496	3	480 V	MDP	2,4,6	90 A	4#2#8EG	1-1/4"	100	90	AT UNIT	-	-	-	-	X	-	-	
MASTER PANEL		EQUIPMENT ROOM 1B33	-	0	1	120 V	L3B	4	20 A	2#12 #12EG	3/4"	-	-	-	-	-	-	X	X	-	-	

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ISSUE:

#	DATE:	DESCRIPTION:
1	10/11/19	ADDENDUM #1

BID SET
08/09/2019

PROJECT:
Greater Peoria Mass Transti District

CityLink Service Bay Remodel

2105 NE Jefferson Street
Peoria, IL 61603

DATE: 08/09/2019
DESIGNED: CDW
DRAWN: MLH
REVIEWED: JJR

SHEET TITLE:
SCHEDULES

SHEET NUMBER:
E-500

PROJECT NO.: 487902

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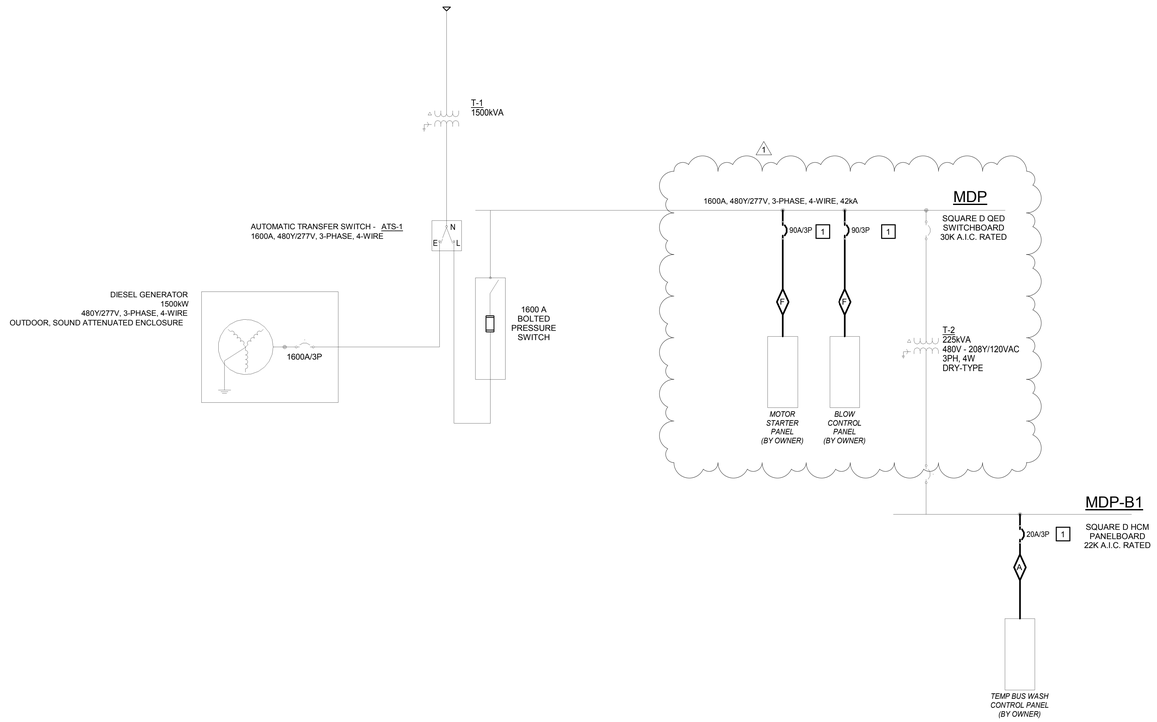

1 **ONE LINE POWER DISTRIBUTION DIAGRAM**
N.T.S

X **CONSTRUCTION NOTES:**

1. PROVIDE NOTED BREAKER IN EXISTING SWITCHBOARD/PANEL BOARD MATCH EXISTING TYPE AND A.I.C. RATING

FEEDER SIZE SCHEDULE
(COPPER)

OVER-CURRENT DEVICE RATING	WIRE SIZE AWG OR KCMIL		4-WIRE FEEDERS WITH EQUIPMENT GROUND		3-WIRE FEEDERS WITH EQUIPMENT GROUND		4-WIRE SEPARATELY DERIVED SYSTEM FEEDERS GROUNDING ELECTRODE CONDUCTOR			4-WIRE FEEDERS W/O EQUIPMENT GROUND (UTILITY SECONDARY)	
	PHASE & NEUTRAL	GND.	◇ # ◇	CONDUIT SIZE	◇ # ◇	CONDUIT SIZE	◇ # ◇	GEC	CONDUIT SIZE	◇ # ◇	CONDUIT SIZE
20	12	12	A	3/4"	A1	3/4"	A2	8	3/4"	A3	3/4"
30	10	10	B	3/4"	B1	3/4"	B2	8	3/4"	B3	3/4"
40	8	10	C	3/4"	C1	3/4"	C2	8	3/4"	C3	3/4"
60	6	10	D	1"	D1	1"	D2	8	1"	D3	1"
70	4	10	E	1-1/4"	E1	1-1/4"	E2	8	1-1/4"	E3	1 1/4"
100	2	8	F	1-1/4"	F1	1-1/4"	F2	8	1-1/4"	F3	1 1/4"
110	1	6	G	1-1/2"	G1	1-1/2"	G2	6	1-1/2"	G3	1 1/2"
125	1/0	6	H	2"	H1	2"	H2	6	2"	H3	2"
150	1/0	6	I	2"	I1	2"	I2	6	2"	I3	2"
175	2/0	6	J	2"	J1	2"	J2	4	2"	J3	2"
200	3/0	6	K	2"	K1	2"	K2	4	2"	K3	2"
225	4/0	4	L	2-1/2"	L1	2-1/2"	L2	2	2-1/2"	L3	2 1/2"
250	250	4	M	2-1/2"	M1	2-1/2"	M2	2	2-1/2"	M3	2 1/2"
300	350	4	N	3"	N1	3"	N2	2	3"	N3	3"
350	500	2	O	3"	O1	3"	O2	2	3"	O3	3"
400	600	2	P	3-1/2"	P1	3"	P2	1/0	3"	P3	3"
450	(2) 4/0	2	Q	(2) 2-1/2"	Q1	(2) 2-1/2"	Q2	1/0	(2) 2-1/2"	Q3	2-2"
500	(2) 250	2	R	(2) 2-1/2"	R1	(2) 2-1/2"	R2	1/0	(2) 2-1/2"	R3	2-2 1/2"
600	(2) 350	1	S	(2) 4"	S1	(2) 4"	S2	3/0	(2) 4"	S3	2-3"
700	(2) 500	1/0	T	(2) 4"	T1	(2) 4"	T2	3/0	(2) 4"	T3	2-3"
800	(2) 600	1/0	U	(2) 4"	U1	(2) 4"	U2	3/0	(2) 4"	U3	2-3"
1000	(3) 500	2/0	V	(3) 4"	V1	(3) 4"	V2	3/0	(3) 4"	V3	3-3"
1200	(3) 600	3/0	W	(3) 4"	W1	(3) 4"	W2	3/0	(3) 4"	W3	3-3 1/2"
1600	(4) 600	4/0	X	(4) 4"	X1	(4) 4"	X2	3/0	(4) 4"	X3	4-3 1/2"
2000	(5) 600	250	Y	(5) 4"	Y1	(5) 4"	Y2	3/0	(5) 4"	Y3	5-3 1/2"
2500	(6) 600	350	Z	(6) 4"	Z1	(6) 4"	Z2	3/0	(6) 4"	Z3	6-3 1/2"
3000	(8) 500	500	AA	(8) 4"	AA1	(8) 4"	AA2	3/0	(8) 4"	AA3	8-3 1/2"
4000	(10) 600	500	BB	(10) 4"	BB1	(10) 4"	BB2	3/0	(10) 4"	BB3	10-3 1/2"
5000	(12) 600	2-500	CC	(12) 4"	CC1	(12) 4"	CC2	3/0	(12) 4"	CC3	12-3 1/2"
6000	(16) 500	2-500	DD	(16) 4"	DD1	(16) 4"	DD2	3/0	(16) 4"	DD3	16-3"

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PROJECT:
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CityLink Service Bay Remodel

2105 NE Jefferson Street
Peoria, IL 61603

DATE: 08/09/2019
DESIGNED: CDW
DRAWN: MLH
REVIEWED: JJR

SHEET TITLE:
ONE LINE POWER DISTRIBUTION DIAGRAM

SHEET NUMBER:
E-601

PROJECT NO.: 487902

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