



600 Kansas City St
Rapid City, SD 57701

(605) 343-6102
www.teamtsp.com

Addendum No. 1

Issued:	February 4, 2022
Bids Due:	March 9, 2022
Project Name:	SDSTA Roof Drains & Brick Re-Point
TSP Project No:	03201389

The following changes or modifications are to be incorporated into and become a part of the Contract Documents. The Bidder shall note receipt and make acknowledgement of this Addendum on the Bid Proposal, incorporating these provisions in the bid.

GENERAL:

ITEM NO 1:	Updated bidding schedule as follows: Register For Site Visit February 4, 2022 Mandatory Pre-Bid Site Visit February 8, 2022 Questions Due February 10, 2022 Questions and Answers Posted February 14, 2022 Bids Due March 9, 2022
ITEM NO 2:	Brick Repoint Alternate No. 3 clarification: parapet caps shall be covered by sheet metal cap only. No restoration required if covered by metal.
ITEM NO 3:	During 1/27 pre-bid meeting at the Ross hoistroom building, bidders questioned whether the existing power poles on the west side of the building needed to be removed. The power poles <u>shall not be removed</u> . SDSTA has this scope of work accounted for in a future project.

PRODUCT APPROVALS:

The following manufacturers and products have been approved for bidding. Final acceptance is contingent upon receipt and approval of final shop drawings/submittals. Manufacturers shall conform to all warranties, performances, sizes, materials, etc. as the item specified. The burden of proof of the merit of the proposed substitution is upon the proposer.

<u>SECTION #</u>	<u>ITEM DESCRIPTION</u>	<u>MANUFACTURER</u>

SPECIFICATION MANUAL:

ITEM NO 1:	Section 220719, Plumbing Piping Insulation: at Owner's request, roof drain piping shall not be required to be insulated. Omit specification section 22 07 19 from the contract documents.
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DRAWINGS:

ITEM NO 1:	<u>Drawing G-001, Cover Sheet</u> : sheet has been included in the Roof Drains set. Sheet was mistakenly omitted when submitted to SDSTA.
ITEM NO 2:	<u>Drawing AC101, Reflected Ceiling Plan – Ross</u> : sheet has been included in the Roof Drains set. Sheet was mistakenly omitted when submitted to SDSTA.
ITEM NO 3:	<u>Drawing AC102, Reflected Ceiling Plan – Yates</u> : sheet has been included in the Roof Drains set. Sheet was mistakenly omitted when submitted to SDSTA.



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ATTACHMENTS:

- Specification Sections:
- Drawings: G-001, AC101, AC102

END OF ADDENDUM

SDSTA - SANFORD UNDERGROUND RESEARCH FACILITY

ROSS & YATES ROOF DRAIN REPLACEMENT

LEAD, SD
100% CONSTRUCTION SUBMITTAL
07/08/2021



SITE PLAN - YATES
SCALE: 1" = 100'-0"

ROSS HEADFRAME
WHERE ELECTRICAL
SUPPORT STRUCTURE
WILL BE REMOVED.
ELECTRICAL LINES
WILL BE
DISCONNECTED BY
OWNER PRIOR TO NTP
FOR THIS SCOPE OF
WORK



SITE PLAN - ROSS
SCALE: 1" = 100'-0"

DESIGN TEAM

TITLE/DISCIPLINE	NAME/CONTACT	COMPANY	EMAIL	PHONE
PROJECT MANAGER	BRIAN JOHNSON, AIA	TSP, Inc.	johnsonb@teamtsp.com	605.343.6102
PROJECT ARCHITECT	BRIAN JOHNSON, AIA	TSP, Inc.	johnsonb@teamtsp.com	605.343.6102
MECHANICAL ENGINEER	CHRIS MAKES, PE	TSP, Inc.	makesch@teamtsp.com	605.343.6102

VICINITY MAP



07/08/2021

PROJECT TITLE

**SDSTA - SANFORD
UNDERGROUND
RESEARCH FACILITY**
**ROSS & YATES ROOF
DRAIN REPLACEMENT**

LEAD, SD
ISSUES

INDEX TO DRAWINGS

SHEET INDEX - GENERAL
G-001 COVER SHEET

SHEET INDEX - ARCHITECTURAL

AC101 REFLECTED CEILING PLAN - ROSS
AC102 REFLECTED CEILING PLAN - YATES

SHEET INDEX - MECHANICAL

M-001 MECHANICAL TITLE SHEET
PD101 OVERALL PLUMBING DEMOLITION PLANS
PL101 OVERALL PLUMBING PLANS
PL701 PLUMBING RISER DIAGRAMS - YATES HOIST BUILDING
PL702 PLUMBING RISER DIAGRAM - ROSS HOIST BUILDING

MOST COMMONLY USED ABBREVIATIONS

ABBREVIATIONS: AB ANCHOR BOLT/ROD ABV ABOVE AC ASPHALTIC CONCRETE/AR CONDICIONER ACC ACCESSIBLE ACM ALUMINUM COMPOSITE MATERIAL ACOUS ACOUSTICAL ADD ADDENDUM ADH ADHESIVE ADJ ADJUSTABLE, ADJACENT, ADJOINING AFF ABOVE FINISH FLOOR AFG ABOVE FINISH GRADE ALT ALTERNATE ALUM ALUMINUM APC ACOUSTICAL PANEL CEILING APPROX APPROXIMATE ARCH ARCHITECT (URAL) ASI ARCHITECTURAL SUPPLEMENTAL INFORMATION BD BOARD BEV BEVELED BFL BELOW FINISH FLOOR BL BRICK LEDGE BLDG BUILDING BLKG BLOCK (NG) BM BEAM BOT BOTTOM BO BOTTOM OF CONCRETE BOF BOTTOM OF FOOTING BRG BEARING BRK BRICK BSMT BASEMENT BTWN BETWEEN BUR BUILT-UP ROOFING C CHANNEL/CELSIUS CB CABINET CA CERAMIC BASE CD CONSTRUCTION DOCUMENTS CEM CEMENT CF CUBIC FEET OR FOOT CG CORNER GUARD CIC CAST-IN-PLACE CONCRETE CJC CONTROL/CONSTRUCTION JOINT CL CENTER LINE CLG CALKING CLR CLEAR, CLEARANCE CMU CONCRETE MASONRY UNIT CO CHANGE ORDER/CLEAN UP COL COLUMN COMB COMBINATION COMP COMPOSITE/COMPOSITION CONC CONCRETE CONV CONNECTION CONST CONSTRUCTION CONT CONTINUOUS, CONTINUE CONTRACT (OR) COORD COORDINATE COR CORRUPTED/CORRIDOR CPT CARPET CPRT CARPET TILE CSMT CASEMENT CT CERAMIC TILE CTR CARPET TILE BASE	D DEPTH DBL DOUBLE DEMO DEMOLITION, DEMOLISH DEPT DEPARTMENT DET DETAIL DF DRINKING FOUNTAIN DFFT DRYFALL PAINT DA DIAMETER DIAG DIAGONAL DIM DIMENSION DIV DIVISION DISP DISPENSER DN DOWN DR DOOR DS DOWNSPOUT DW DOWNSPOUT DWG DRAWING (S) DWR DRAWER DWTR DUMBWATER (E) EXISTING EA EAST EACH EACH FACE EJ EXPANSION JOINT EL ELEVATION ELEC ELECTRICAL ENL ENLARGED EMER EMERGENCY ENR ENGINEER EQP EQUIPMENT EPDM ETHYLENE PROPYLENE DIENE EPS EXPANDED POLYSTYRENE BOARD EPT EPOXY PAINT EQ EQUAL EQU EQUIPMENT ES EACH SIDE EST ESTIMATE ETC ETCETERA ETR EXISTING TO REMAIN EW EACH WAY EXST EXISTING EXC EXCAVATE/EXCAVATION EXH EXHAUST EXP EXPANSION/EXPOSED EXT EXTERIOR EWC ELECTRIC WATER COOLER FA FIRE ALARM FAB FABRICATE/FABRICATION FD FLOOR DRAIN FDC FIRE DEPARTMENT CONNECTION FDTN FOUNDATION FE FIRE EXTINGUISHER FEC FIRE EXTINGUISHER CABINET FF FINISHED FLOOR FFE FINISH FLOOR ELEVATION FN FINISH (ED) FLOU FLOOR FLR FLOOR (ING) FO FACE OF FOC FACE OF CONCRETE FOS FACE OF MASONRY FOS FACE OF STUD FOS FACE OF FINISH FR FIRE RESISTANT FRAME FRP FIBERGLASS REINFORCED PANEL FT FOOT, FEET/FIRE TREATED	FURR FURRING FUT FUTURE GA GAGE GAUGE GB GRAB BAR GC GENERAL CONTRACTOR GALV GALVANIZED GI GALVANIZED RON GL GLASS GLU LAM GLUE LAMINATED (BEAM) GWB GYPSUM WALL BOARD GYP GYPSUM HB HOSE BIB HC HANDICAP / HOLLOW CORE HD HEAVY DUTY HBD HARDBOARD HDR HEADER HDWD HARDWOOD HWR HARDWARE HM HOLLOW METAL HORZ HORIZONTAL HT HEIGHT HVAC HEATING, VENTILATION, AIR-CONDITIONING BC INTERNATIONAL BUILDING CODE D INSIDE DIAMETER/DIMENSION IN INCHES INCL INCLUDE (D), INCLUDING INFO INFORMATION INSTR INSTRUCTIONS INSUL INSULATE (D), INSULATION INT INTERIOR JAN JANITOR JST JOIST JT JOINT KCJ KEYS CONSTRUCTION JOINT KO KNOCK OUT QT QUANTITY L LENGTH / ANGLE LAB LABORATORY LAM LAMINATE (ED) LAV LAVATORY R RUBBER LF LINEAR FEET LH LEFT HAND LH LOCKER LOC LOCATION LONG LONGITUDINAL LIGHT LIGHT LVR LOUVER LVT LUXURY VINYL TILE MBC MINNESOTA BUILDING CODE MAS MASONRY MAT MATERIAL MAX MAXIMUM MC MEDICINE CABINET MECH MECHANICAL MEMB MEMBRANE MEZZ MEZZANINE MFR MANUFACTURE (R) MIN MINIMUM MISC MISCELLANEOUS MO MASONRY OPENING	MR MIRROR MTL METAL (N) NEW N NORTH NA NOT APPLICABLE NC NOT IN CONTRACT NO NUMBER NOM NOMINAL NTS NOT TO SCALE OC ON CENTER OD OUTSIDE DIAMETER OFCI OWNER FURNISHED / CONTRACTOR INSTALLED OFOI OWNER FURNISHED / OWNER OZ OUNCE OPPOSITE OPG OPENING ORIG ORIGINAL ORD OVERFLOW ROOF DRAIN OZ OUNCE PAR PARALLEL PCF POUNDS PER CUBIC FOOT PED PEDESTAL PERF PERFORATED PERP PERPENDICULAR PL PLATE PLAM PLASTIC LAMINATE PREFAB PREFABRICATE PFI POUNDS PER SQUARE INCH PFI POUNDS PER SQUARE FOOT PT PAINT / PRESSURE TREATED PTD PAPER TOWEL DISPENSER PARTITION PTR PAPER TOWEL RECEPTACLE PVC POLYVINYL CHLORIDE QT QUANTITY R RADIUS/RISER RB RUBBER BASE RBR RUBBER RCP REFLECTED CEILING PLAN RD ROOF DRAIN REAR REINFORCING BAR REC RECESSED REF REFERENCE/REFRIGERATOR REIN REINFORCE (D), (ING), (MENT) REQ REQUIRE REQD REQUIRED RES RESIDENT FLOORING RET RETURN REV REVISION (S), REVISED REQD REQUEST FOR INFORMATION RFP REQUEST FOR PROPOSAL RH RIGHT HAND RISE RISE LINE RM ROOM RO ROUGH OPENING ROW RIGHT OF WAY RVS REVERSE (SIDE) RWI RAIN WATER LEADER	S SOUTH SB SPLASH BLOCK SC SOLID CORE SCHED SCHEDULE SCR SHOWER CURTAIN ROD SCT SECTION SD SOAP DISPENSER SF SQUARE FOOT SHT SHEET SHTG SHEATHING SW SIMILAR SLDG SLIDING SUNT SEALANT SND SANITARY NAPKIN DISPENSER SNDU SANITARY NAPKIN DISPOSAL UNIT SPEC SPECIFICATION (S) SQ SQUARE SSM SOLID SURFACE MATERIAL SST STAINLESS STEEL ST STREET STC SOUND TRANSMISSION CLASS STD STANDARD STL STEEL STOR STORAGE STRUCT STRUCTURAL SUSP SUSPENDED SV SHEET VINYL SW SHEARWALL SYM SYMMETRICAL T TREAD TAB TOP AND BOTTOM TAG TAG TOWEL TOWEL BAR TBD TO BE DETERMINED TEMP TEMPORARY/TEMPERED TERR TERRAZZO THD THREAD (ED) (S) THK THICKNESS THRU THROUGH TKGD TACKBOARD TL TILE TOP TOP OF TOB TOP OF BEAM TOC TOP OF CONCRETE/CURB TOO TOP OF DECK TOF TOP OF FOOTING (FOUNDATION) TOP TOP OF FLOOR TOJ TOP OF JOIST TOS TOP OF SLAB/STEEL TOW TOP OF WALL TOW TOP OF WALL TOW TOP OF WALL TPO THERMOPLASTIC POLYOLEFIN TPTN TOLLET PARTITION TRANS TRANSVERSE TS TUBE STEEL TYP TYPICAL UG UNDERGROUND UH UNIT HEADLINE UNFN UNFINISHED UNO UNLESS NOTED OTHERWISE UTIL UTILITY	V SHEAR VAR VARIES VB VAPOR BARRIER VCT VINYL COMPOSITION TILE VERT VERTICAL VEST VESTIBULE VIF VERIFY IN FIELD VR VAPOR RETARDER VVC VINYL WALL COVERING W WEST/WIDTH W WITH WO WITHOUT WA WEDGE ANCHOR WB WOOD BASE WC WATER CLOSET WDO WOODWORK/DOORWORK WDW WINDOW WF (W) WIDE FLANGE WG WALL GUARD WH WATER HEATER WI WROUGHT IRON WL WIND LOAD WP WATERPROOF (ING) WR WATER RESISTANT WSCT WANSNOT WT WEIGHT/WINDOW TREATMENT WWF WELDED WIRE FABRIC SYMBOLS USED AS ABBREVIATIONS: & AND L ANGLE DL DOUBLE ANGLE AT AT J DENNEY P POUND OR NUMBER Ø ROUND OR DIAMETER
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MATERIAL LEGEND

EXISTING AREAS / ELEMENTS	NATIVE UNDISTURBED SOIL	EARTH / RECOMPACT SOIL	ENGINEERED FILL	GRANULAR FILL / DRAINAGE COURSE	STONE / GRAVEL	CONCRETE	BRICK	CONCRETE MASONRY UNIT	METAL/STEEL	RIGID INSULATION	GROUT	WOOD WALL / FINISH	MORTAR	PLYWOOD / OSB / PARTICLE BOARD	WOOD-GLUED / LAMINATED	WOOD - BLOCKING OR SHIM	WOOD - CONTINUOUS FRAMING	BATT OR BLANKET INSULATION/FIRE SAFING
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SYMBOLS LEGEND

NAME 101	ROOM TAG	REVISION TAG	KEYNOTE TAG	DOOR TAG	WINDOW TAG	SECTION TAG	DETAIL TAG	EXTERIOR ELEVATION TAG	INTERIOR ELEVATION TAG	EXISTING ITEMS TO REMAIN	NEW WORK	EXISTING ITEMS TO BE REMOVED	NORTH ARROW	COLUMN/ND GRID INDICATOR	ELEVATION TAG	MATCH LINE	VIEW TITLE
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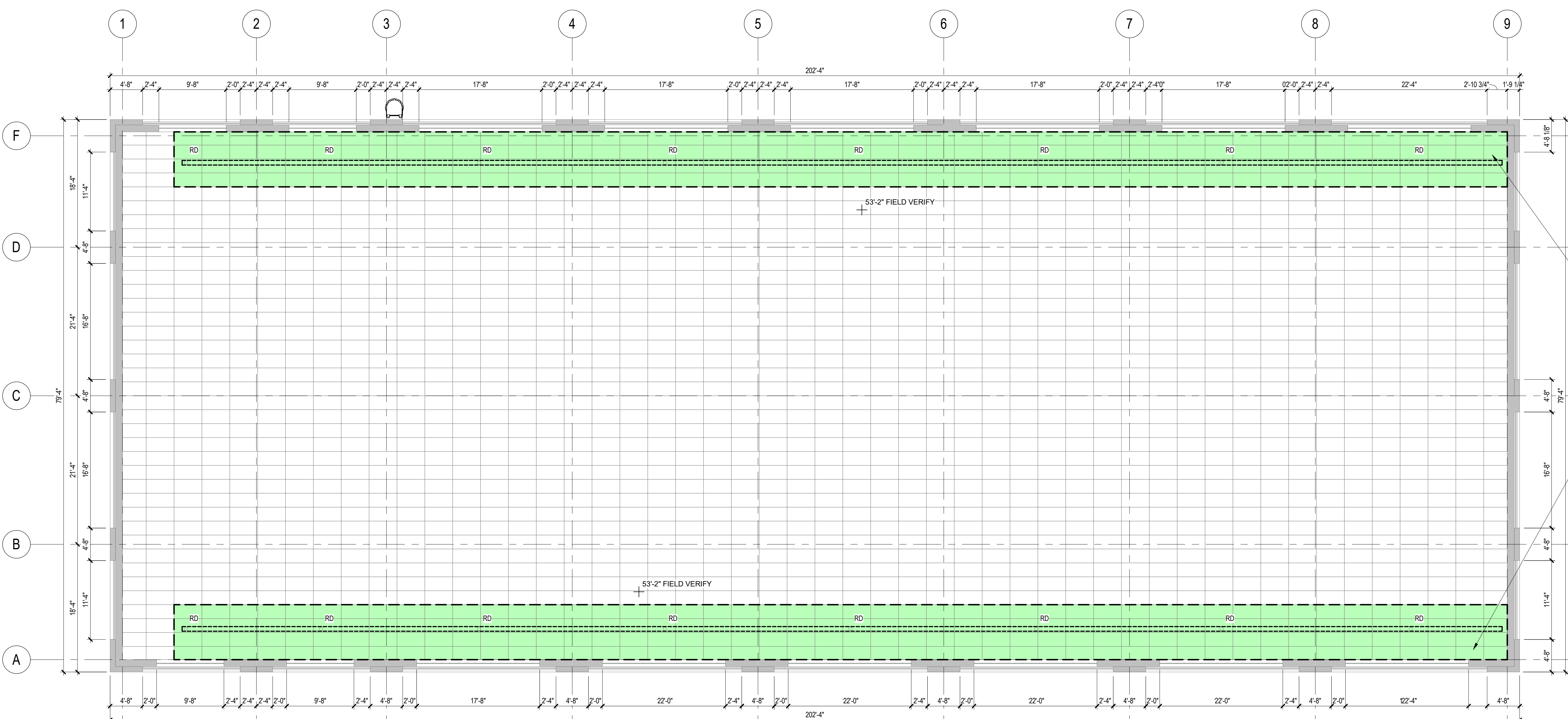
SHEET IDENTIFICATION

DISCIPLINE CHARACTERS Q GENERAL H HAZARDOUS C CIVIL L LANDSCAPE S STRUCTURAL A ARCHITECTURAL I INTERIOR P PLUMBING M MECHANICAL E ELECTRICAL R TELECOMMUNICATIONS R RESOURCE	TYPICAL MODIFIER CHARACTERS B SUBSTRUCTURES C CEILING/CHEMICALS D DEMOLITION E ELEMENTS F FRAMINGS/FURNISHINGS G GRAPHICS/GRADING H HVAC I INFORMATION/IMPROVEMENTS L LIGHTING N FINISHES P PLANNING/POWER/PAVING/PLANTING Q EQUIPMENT S SITE T TECHNOLOGY/TRANSPORTATION U UTILITIES	SHEET TYPE DESIGNATORS 0 GENERAL (SYMBOLS LEGEND, NOTES, ETC.) 1 PLANS (HORIZONTAL VIEWS) 2 ELEVATIONS (VERTICAL VIEWS) 3 SECTIONS (SECTIONAL VIEWS) 4 LARGE SCALE VIEWS 5 DETAILS 6 SCHEDULES AND DIAGRAMS 7 USER DEFINED 8 USER DEFINED 9 3D REPRESENTATIONS (ISO, PERSP, PHOTOS)
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G-001

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A.	ALL SURFACES DAMAGED DURING DEMOLITION SHALL BE REPAIRED FOR APPLICATION OF NEW FINISHES OR PATCHED TO MATCH EXISTING.
B.	CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS WHICH ARE TO MATCH EXISTING CONSTRUCTION. CONTACT AE WITH DISCREPANCIES.
C.	ALL ACTUAL CEILING HEIGHTS TO BE FIELD VERIFIED.
D.	BRIDGE CRANE HEIGHTS AND BUILDING INTERIOR ACCESS SHALL BE REVIEWED ON SITE DURING THE PRE-BID CONFERENCE TO DEVELOP AN EFFECTIVE AND SAFE WORK PLAN.
E.	COORDINATE WITH MECHANICAL DRAWINGS FOR ADDITIONAL ROOF DRAIN SCOPE.

	RECESSED OR SEMI-RECESSED LIGHT FIXTURE
	SURFACE MOUNT LIGHT FIXTURE
	PENDANT LIGHT FIXTURE
	CEILING EXIT SIGN, SINGLE OR DOUBLE FACE, REF ELECTRICAL
	SUPPLY REGISTER OR DIFFUSER
	EXHAUST OR RETURN REGISTER
	SMOKE DETECTOR
	LAY-IN CEILING SYSTEM (SEE ROOM FINISH SCHEDULE)
	CEILING HEIGHT ELEVATION TAG
	SPOT ELEVATION TAG
	EXP EXPOSED STRUCTURE

1. -

NOTE: NOT ALL KEYNOTES MAY BE USED ON EACH PLAN

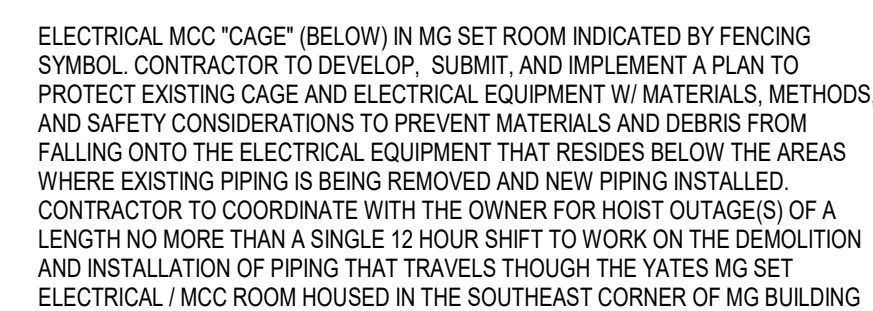
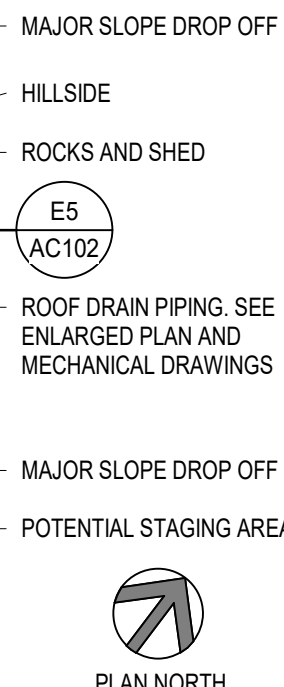
DEMOTES AREA OF WORK FOR ROOF DRAIN SCUFF. SEE MECHANICAL FOR FULL SCOPE OF WORK. ALLOW VARIOUS PROTECT WORK TO PREVENT FALLING DEBRIS FROM DAMAGING EQUIPMENT BELOW. USE OF BRIDGE CRANE BY GC IS ENCOURAGED.

1. GC TO DEVELOP, SUBMIT, AND IMPLEMENT A PLAN FOR APPROVAL ON HOW ROOF DRAIN WATER IS TO BE MANAGED WHILE ROOF DRAIN PIPING IS BEING REMOVED AND NEW PIPING IS BEING INSTALLED. THE NEW PIPING WILL BE INSTALLED AT A SUFFICIENT RAINFALL RATE THAT WOULD ENTER AND DRIP INSIDE THE BUILDING WHILE CONSTRUCTION AND EXISTING NEW PIPING IS BEING MANIPULATED.
2. GC TO PROVIDE DELEGATED DESIGN OF SCAFFOLDING SYSTEM. DESIGNER AND CONSTRUCTOR SHALL BE A CERTIFIED SCAFFOLDING BUILDER AND INSPECTOR.
3. SCAFFOLDING SYSTEM TO BE CONSTRUCTED ON THE BRIDGE CRANE IN A WAY FOR GC TO PERFORM WORK FROM PROTECT AREA TO RAINFALL RATE.
4. REMOVE EXISTING ACOUSTIC CEILING PANELS AND GIRD. ENSURE BLOWN IN INSULATION RESTING ABOVE CEILING LIES DOES NOT FALL TO FLOOR BELOW. FIBERGLASS INSULATION DANGEROUS TO HOST MORTALS.
5. USE HIGH-STRENGTH VACUUM SYSTEM TO REMOVE BLOWN IN INSULATION FROM SHADED REGION. REMOVE AREAS WHERE INSULATION HAS BEEN PILED TO REMOVE EXCESS WEIGHT AND COLLAPSE POTENTIAL.
6. PERFORM ROOF DRAINING REPLACEMENT SCUFF. SEE MECHANICAL.
7. PROVIDE NEW CEILING GRID AND ACOUSTICAL CEILING PANELS. PROVIDE HOLD-DOWN CLIPS IN CEILING GRID TO PREVENT ITEMS FROM BEING DISLOADED BY PRESSURE CHANGES IN

**REFLECTED CEILING
PLAN - ROSS**

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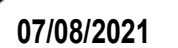
CEILING PLAN

- | | |
|--|---|
| | RECESSED OR SEMI-RECESSED LIGHT FIXTURE |
| | SURFACE MOUNT LIGHT FIXTURE |
| | PENDANT MOUNT LIGHT FIXTURE |
| | CEILING EXIT SIGN, SINGLE OR DOUBLE FACE. REF. ELECTRICAL |
| | SUPPLY REGISTER OR DIFFUSER |
| | EXHAUST OR RETURN REGISTER |
| | SMOKE DETECTOR |
| | LAY-IN CEILING SYSTEM (SEE ROOM FINISH SCHEDULE) |
| | CEILING HEIGHT ELEVATION TAG |
| | SPOT ELEVATION TAG |
| | EXP
EXPOSED STRUCTURE |

CEILING PLAN

- 1

NOTE: NOT ALL KEYNOTES MAY BE USED ON EACH PLAN



PROJECT TITLE

ISSUESSHEET NUMBER

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