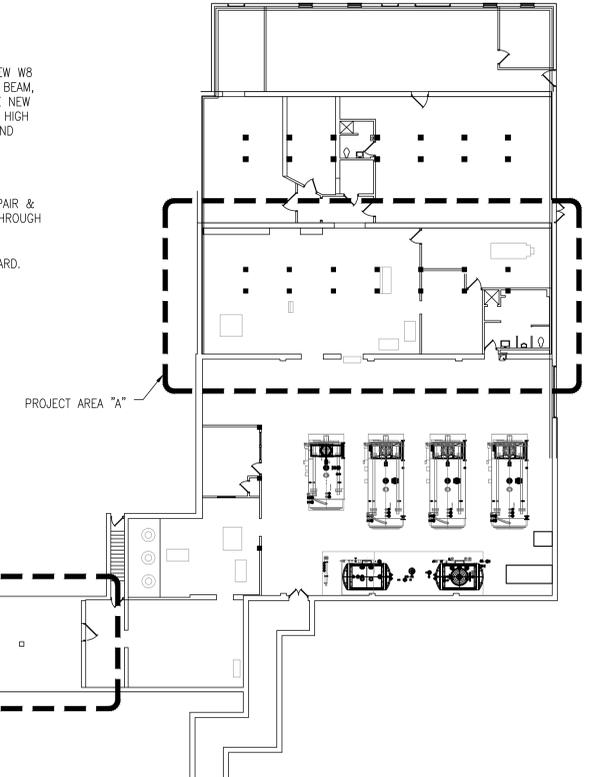


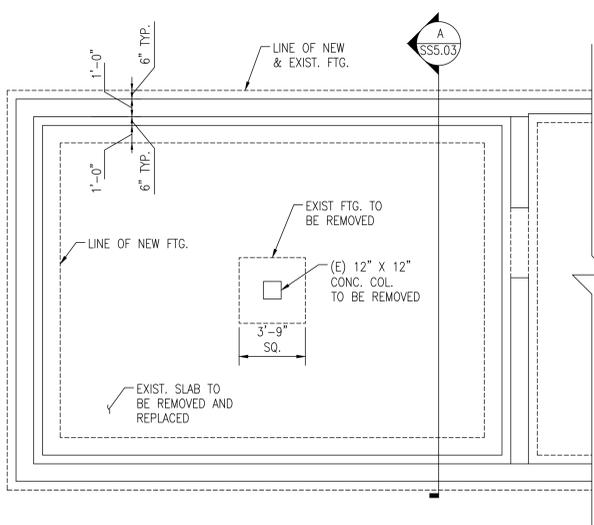
PROJECT AREA "A" FRAMING PLAN 1/4" = 1'-0"

- AREA "A" NOTES:
- NOTE TO CONTRACTOR AT BEAMS DENOTED (n):
- SAWCUT BEAMS DENOTED WITH "(n) 4". INSTALL A NEW W8 BEAM AT THE UNDERSIDE OF THE EXISTING CONCRETE BEAM, TO PROVIDE A SOLID CONTACT SURFACE BETWEEN THE NEW WF BEAM AND THE EXISTING SAWCUT BEAMS. PROVIDE HIGH STRENGTH GROUT BETWEEN THE TOP OF THE BEAM AND BOTTOM OF SAWCUT. WRAP ALL EXPOSED BEAMS WITH GYPSUM BOARD. RE: S55.02 FOR DETAILS
  - NOTE TO CONTRACTOR AT COLUMNS DENOTED \*. FILL CRACKS IN CONCRETE COLUMNS WITH CRACK REPAIR & REINFORCE WITH A CHANNEL ON MIN. TWO SIDES & THROUGH BOLT. SEE DETAILS B/S55.02, C/S55.02, F/S55.02.
  - ALL EXISTING BEAMS TO BE WRAPPED IN GYPSUM BOARD. REFER TO ARCHITECTURAL FOR LAYOUT
  - (E) DENOTES EXISTING BEAMS

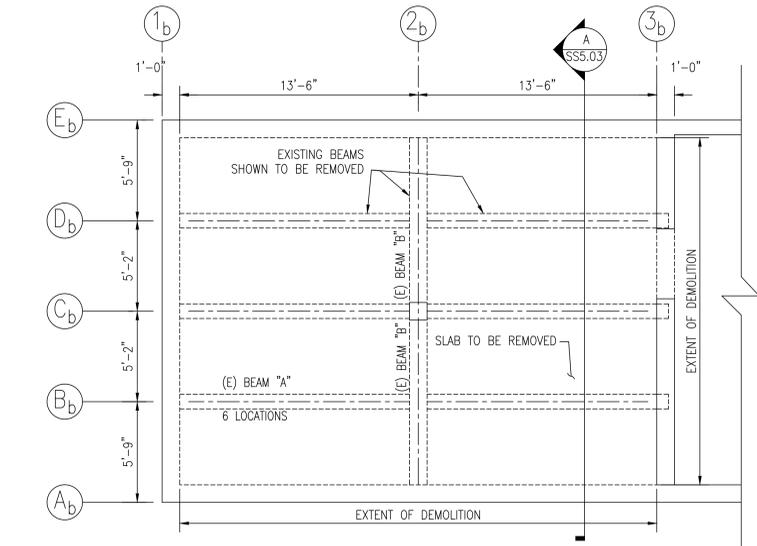
NEW CONCRETE HOUSEKEEPING PAD, PROVIDE 4" SLAB REINFORCED WITH #4s E/W @ 12" O.C. PLACED MID-DEPTH. RE: ARCHITECTURAL PLANS FOR PLACEMENT OF CONCRETE PADS



BUILDING 7 1/16" = 1'-0"

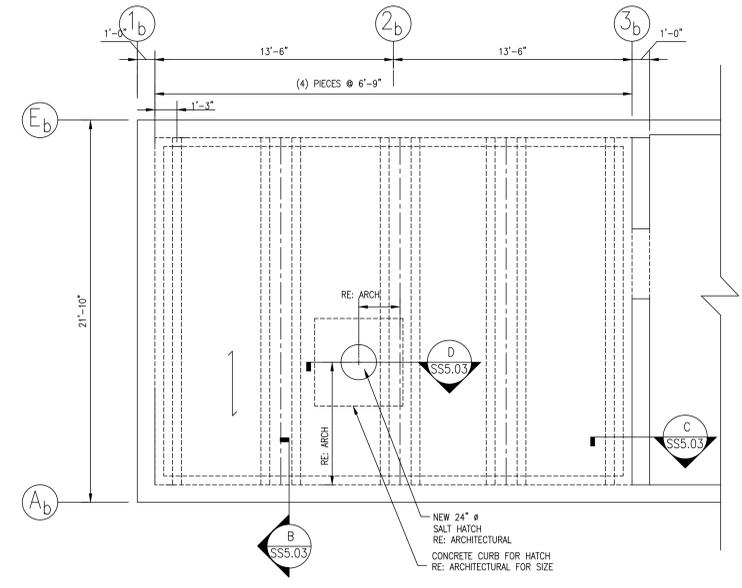


PROJECT AREA "B" FOUNDATION PLAN 1/4" = 1'-0"



PROJECT AREA "B" DEMO FRAMING PLAN 1/4" = 1'-0"

- NOTES:
- TAKE EXTRA PRECAUTIONS DURING ROOF DEMOLITION NOT TO DAMAGE EXISTING WALLS AND ADJACENT STRUCTURE



PROJECT AREA "B" NEW FRAMING PLAN 1/4" = 1'-0"

- AREA "B" NOTES
- REMOVE THE EXISTING BEAMS AND CONCRETE SLAB
  - EXISTING WALLS ARE TO REMAIN, HOWEVER, CLEAN THE CONCRETE WALL AND APPLY A 'SPECIALTY' COATING TO THE EXISTING WALLS TO PROTECT AGAINST FURTHER CORROSION, RE: SPECIFICATIONS.
  - APPLY A CHEMICAL RESISTANT EPOXY COATING TO WALL AND CEILING TO ENSURE AGAINST FUTURE CORROSION FROM SALT.
  - ← DENOTES SPAN DIRECTION OF NEW PRECAST DOUBLE TEES
  - PRECAST LAYOUT AND DESIGN BY PRECAST SUPPLIER.
  - ALL PRECAST SHALL BE DESIGNED BY A MINNESOTA REGISTERED ENGINEER. CALCULATIONS BEARING THE ENGINEER'S STAMP AND SIGNATURE SHALL ACCOMPANY THE SHOP DRAWINGS.

- BUILDING 7 - PRECAST LOADS - AREA "B"
- SNOW LOAD 75 PSF
- DEAD LOAD 8 PSF (4" ASPHALT)
- TRUCK LOADING ASSUME ASSHTO HS20-44 LOADING
- SOIL LOAD 115 PCF (ASSUME 8" SOIL UNDER ASPHALT)
- CRACK PREPARATION:
- CLEAN THE CRACK AND SURFACE SURROUNDING IT TO ALLOW EPOXY TO BOND TO SOUND CONCRETE.
  - BRUSH THE SURFACE WITH A WIRE BRUSH AT A MIN.
  - OIL, GREASE OR OTHER CONTAMINATES SHALL BE REMOVED PRIOR TO APPLICATION.
  - TAKE CARE NOT TO IMPACT ANY DEBRIS INTO THE CRACK DURING CLEANING.
  - BLOW OUT THE CRACK WITH CLEAN COMPRESSED AIR TO REMOVE ANY DUST, DEBRIS OR STANDING WATER.
  - IF PAINT COATING OR SEALANT HAS BEEN APPLIED TO SURFACE, IT MUST BE REMOVED PRIOR TO EPOXY BEING APPLIED.
  - APPLY EPOXY INJECTION PER MANUFACTURER.

WARNING  
LOCATION OF ALL UNDERGROUND UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR. CALL BEFORE DIGGING.  
MINNESOTA ONE-CALL SYSTEM 1-800-252-1166 REQUIRED BY MN STATUTE 21B.

| NO | REVISION | DATE |
|----|----------|------|
|    |          |      |

**LHB**  
PERFORMANCE DRIVEN DESIGN.  
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701 Washington Ave. N, Ste 200 | Minneapolis, MN 55401 | 612.338.2029

**TS&C**  
Technical Services & Consulting, LLC

TECHNICAL SERVICES AND CONSULTING  
1225 TOWER AVE  
SUPERIOR, WI 54880  
715-392-1879

I HEREBY CERTIFY that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.  
SIGNATURE: *Shamina L. Kraitsch*  
TYPED OR PRINTED NAME: SHAMINA L. KRAITSCH  
DATE: 01/23/2015 REG. NO.: 50979

|                                    |       |                                  |       |
|------------------------------------|-------|----------------------------------|-------|
| APPROVED: SERVICE LINE DIRECTOR    | DATE: | APPROVED: DIRECTOR CONTROL NURSE | DATE: |
| APPROVED: GMS COORDINATOR          | DATE: | APPROVED: PATIENT SAFETY         | DATE: |
| APPROVED: PROJECTS SECTION MANAGER | DATE: | APPROVED: CHIEF OF POLICE        | DATE: |
| APPROVED: DIRECTOR ENG             | DATE: | APPROVED: SAFETY MANAGER         | DATE: |

|   |   |
|---|---|
| DRAWING TITLE<br>BUILDING 7                     | PROJECT TITLE<br>088-14-247 809AR FOUNDATIONS<br>BUILDING # 7, 50<br>St. Cloud VA Health Care System<br>Main Campus, St. Cloud, Minnesota |
| APPROVED: ASSOCIATE HEALTH CARE SYSTEM DIRECTOR | DATE:   |
| APPROVED: CHIEF OF STAFF                        | DATE:   |
| APPROVED: HEALTH CARE SYSTEM DIRECTOR           | DATE:   |

**St. Cloud VA Health Care System**  
Brainerd | Montevideo | Alexandria