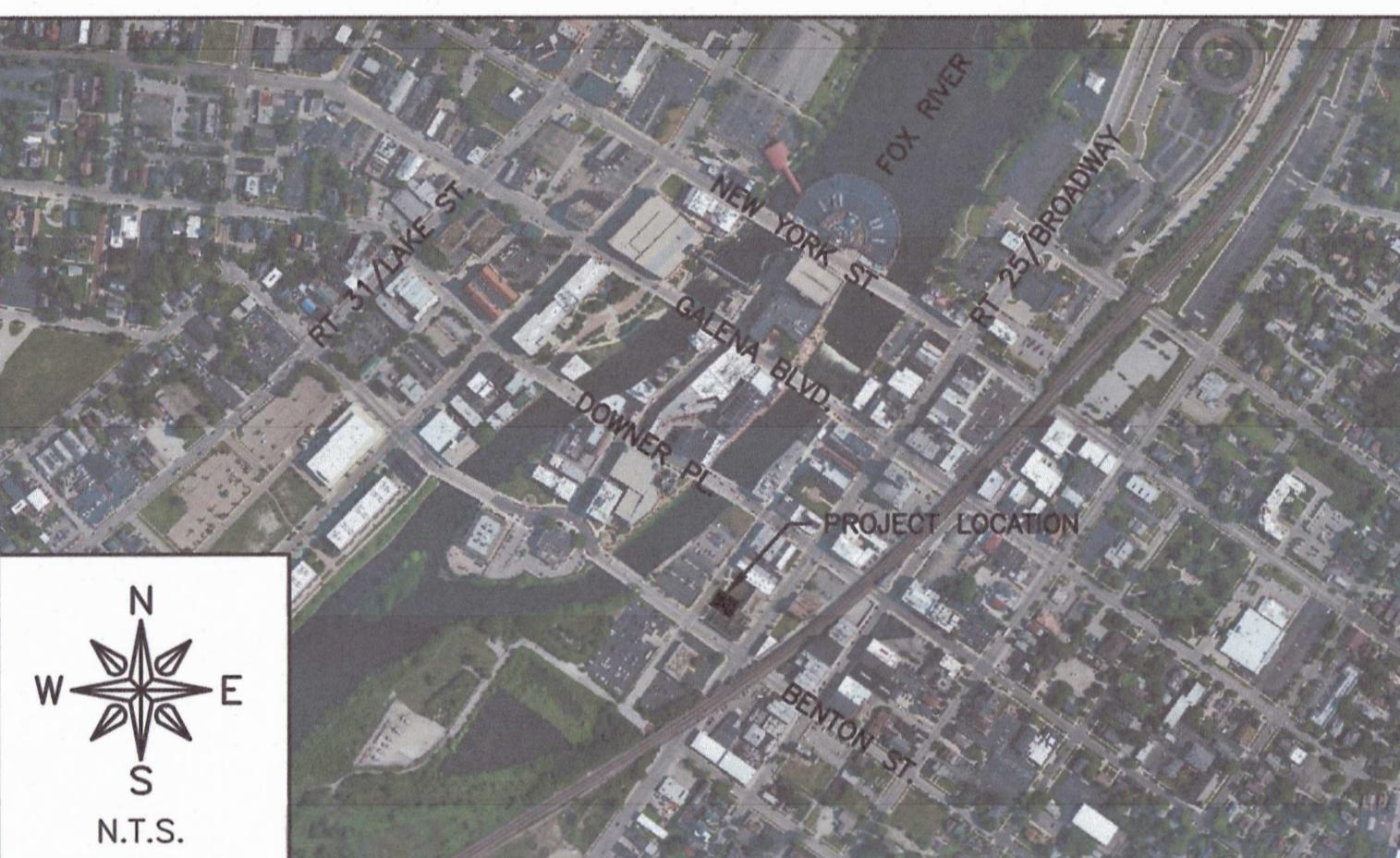


77 SOUTH BROADWAY GENERATOR FOUNDATION

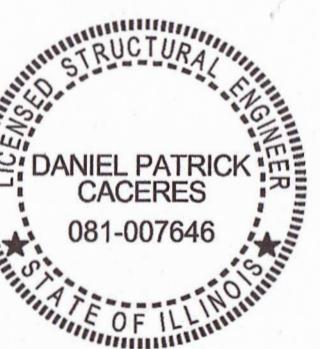
INDEX OF SHEETS

SHEET NUMBER	SHEET TITLE
1	COVER SHEET
2	STRUCTURAL PLAN, SECTIONS, AND DETAILS

FOR
CITY OF AURORA
AURORA, ILLINOIS



LOCATION MAP



David Morris

EXPIRES 11/30/2022

DATE 04/13/2022

PERMIT



J.U.L.I.E.
Know what's below.
Call before you dig.

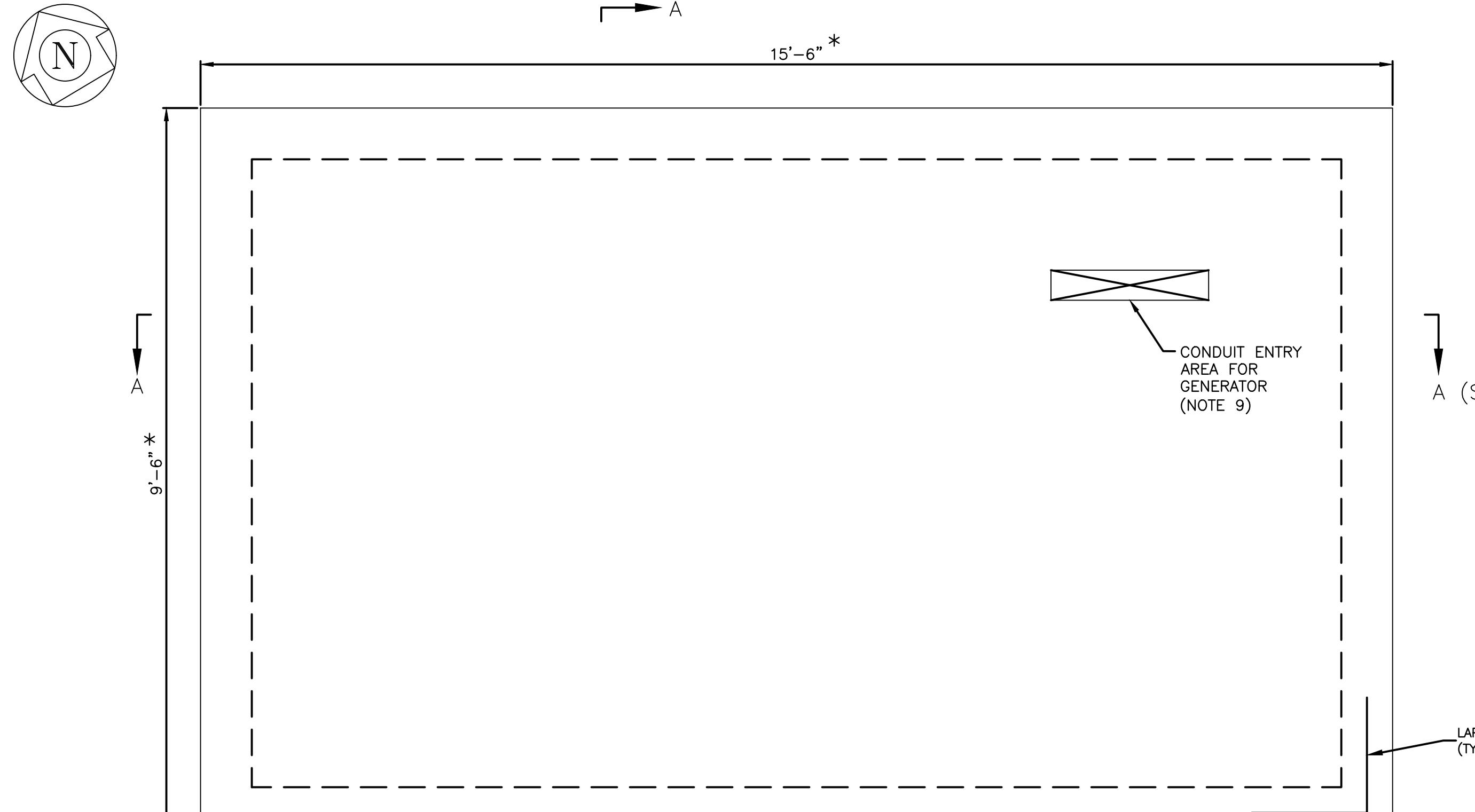
FEHR GRAHAM

ILLINOIS

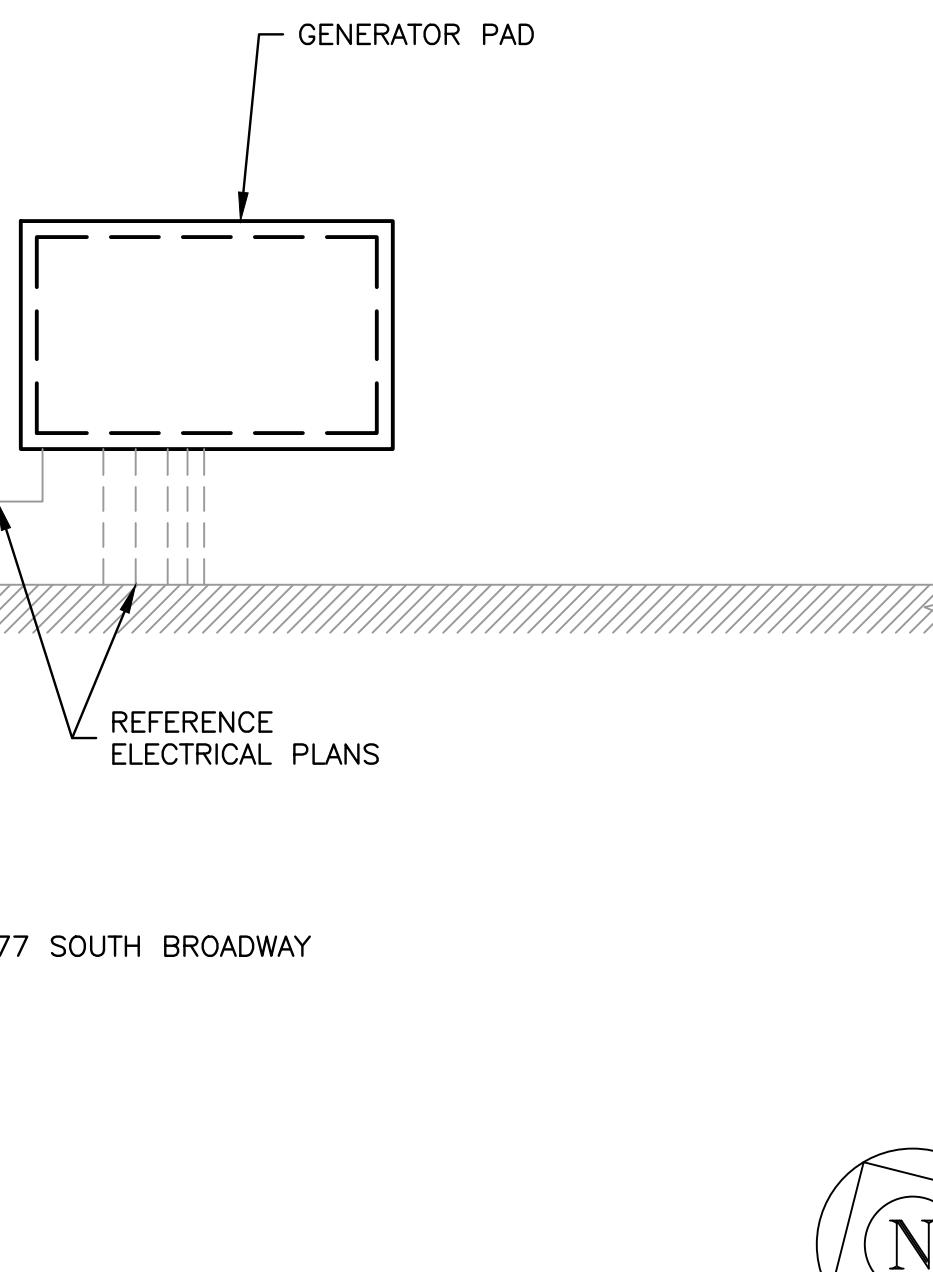
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WISCONSIN

ILLINOIS PROFESSIONAL DESIGN FIRM NUMBER: 184003525

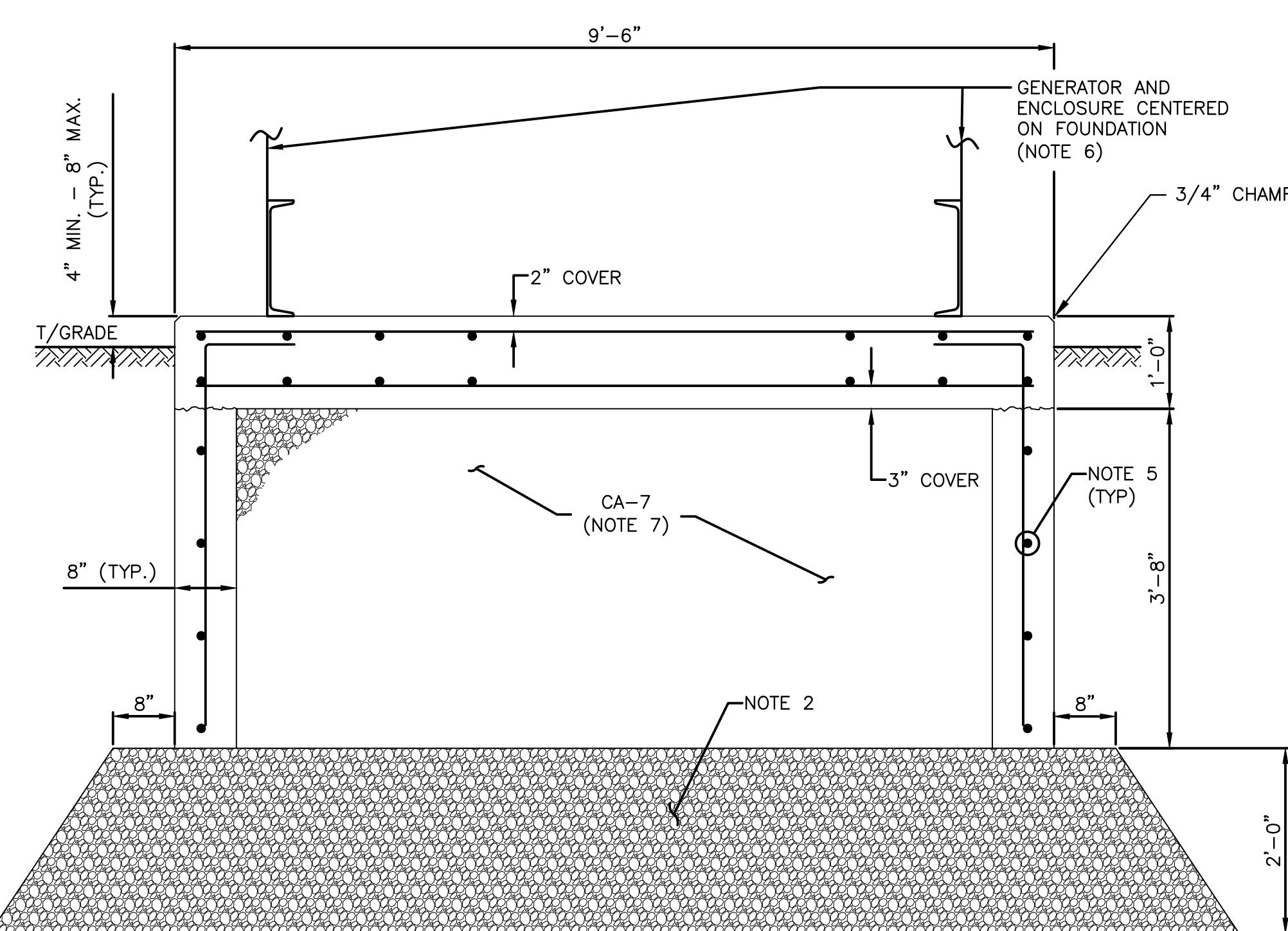


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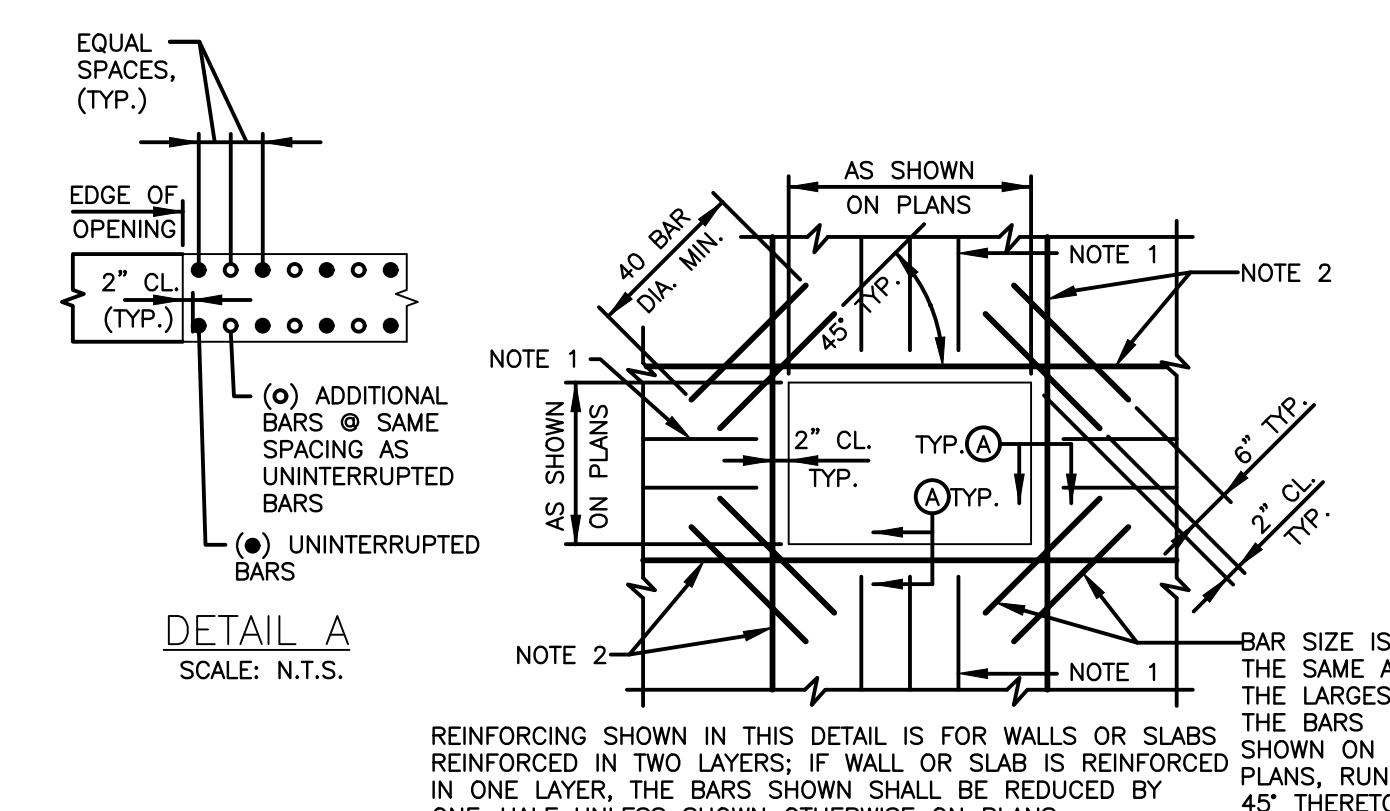


77 SOUTH BROADWAY

GENERAL PLAN
COORDINATE FINAL LOCATION WITH OWNER



SECTION A-A



REINFORCING SHOWN IN THIS DETAIL IS FOR WALLS OR SLABS REINFORCED IN TWO LAYERS; IF WALL OR SLAB IS REINFORCED IN ONE LAYER, THE BARS SHOWN SHALL BE REDUCED BY ONE-HALF UNLESS SHOWN OTHERWISE ON PLANS. THE BARS SHOWN ON PLANS, RUNNING 45° THERETO

NOTES:

1. INTERRUPTED BARS.
2. PROVIDE ADDITIONAL BARS EQUAL TO ONE-HALF OF THE INTERRUPTED BARS AT EACH SIDE OF OPENING, SEE DETAIL A. THE ADDITIONAL BARS SHALL BE THE SAME ORIGINAL SIZES AND LENGTHS AS THOSE OF THE INTERRUPTED BARS. AT FLOOR BEAM BEARING POCKETS IN WALLS, PROVIDE ADDITIONAL BARS ON THE WALL FACES INTERRUPTED BY THE BEAM BEARING POCKET.

ADDITIONAL REINFORCING BARS AT OPENINGS IN SLABS AND WALLS

NOTES:

1. STRUCTURAL DESIGN IS BASED ON THE APPLICABLE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE (IBC 2015).
2. EXISTING SOIL BELOW PROPOSED GENERATOR TO BE UNDERCUT AND REPLACED WITH CA-6 COMPACTED IN LIFTS.
3. PLACE COMPACTED BACKFILL SIMULTANEOUSLY ON BOTH SIDES OF VERTICAL FREE STANDING STRUCTURES. ALL EXCAVATIONS SHALL BE PROPERLY AND SAFELY BACKILLED.
4. CONCRETE & REINFORCEMENT
 - MATERIALS (UNLESS NOTED OTHERWISE)
 - CONCRETE: $f'_c = 4500$ PSI
 - REINFORCEMENT: ASTM A615 GR. 60
5. ALL BARS ARE #4 @ 12" O.C.
6. ANCHOR GENERATOR TO FOUNDATION PER MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS. USE HILTI HIT-HY 200 INJECTABLE MORTAR ADHESIVE (OR APPROVED EQUAL).
7. DISTURBED AREAS BENEATH CONCRETE SLABS SHALL BE REPLACED WITH IDOT CA-7 MATERIALS COMPACTED IN 12" LOOSE LIFTS.
8. VARIABLE DIMENSIONS ARE NOTED WITH AN ASTERISK (*). DIMENSIONS TO BE DETERMINED BY THE EQUIPMENT MANUFACTURER.
9. CONTRACTOR SHALL COORDINATE GAS AND ELECTRICAL PENETRATIONS THROUGH CONCRETE WALLS AND SLAB.