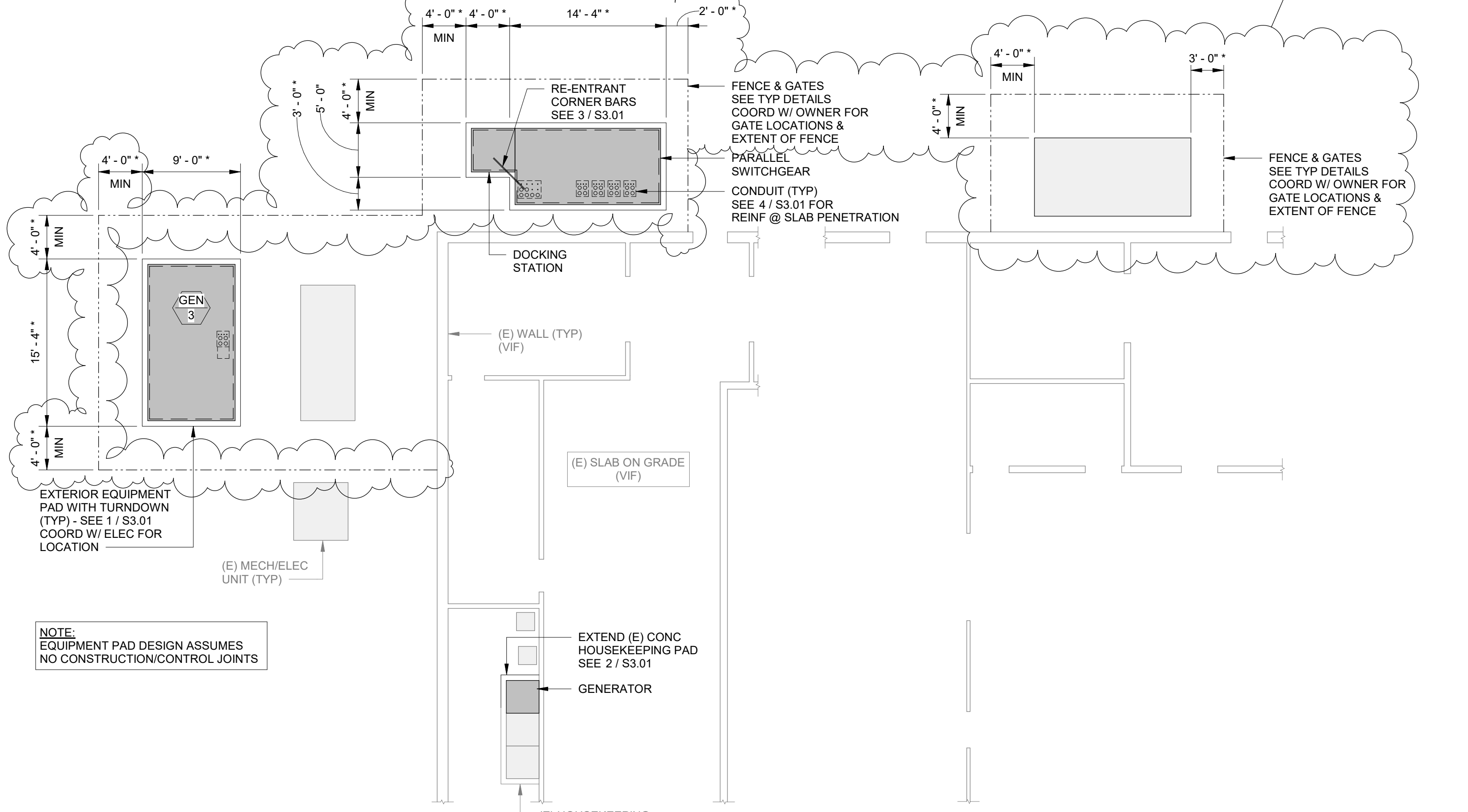


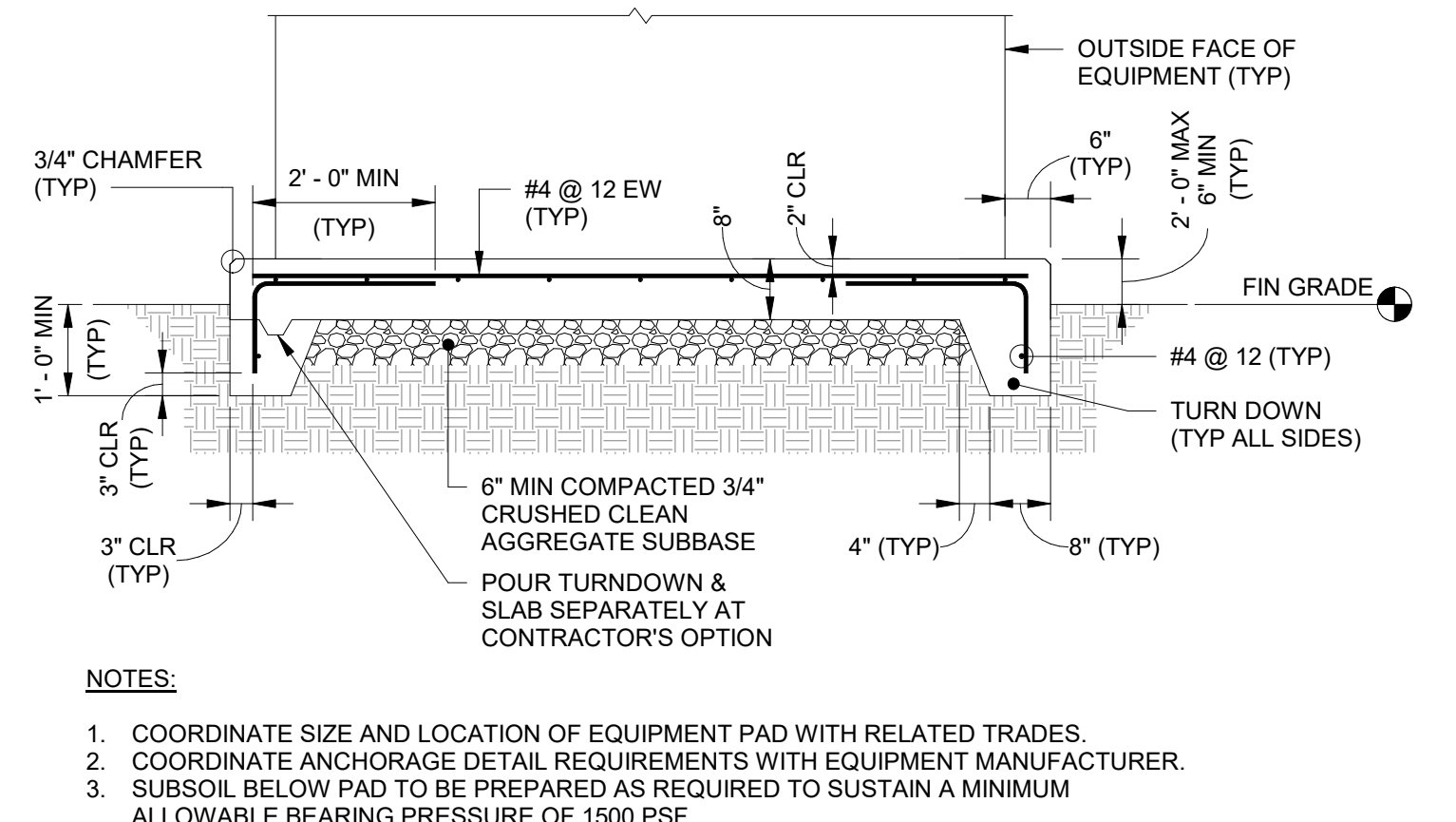
STRUCTURAL NEW WORK
SLAB ON GRADE AND EXTERIOR EQUIPMENT YARD PLAN - BUILDING 4204
 SCALE: 1/8" = 1'-0"

- SLAB ON GRADE PLAN NOTES:**
- TOP OF SLAB ON GRADE REFERENCE ELEVATION = 0'-0" (ACTUAL TOP OF SLAB ON GRADE ELEVATION = 386'-6") UNLESS OTHERWISE NOTED.
 - SLABS AND PADS INDICATED THUS (E) IN PLAN ARE EXISTING TO REMAIN. EXISTING FOUNDATIONS, PIERS, SLABS, AND PADS SHOWN ARE FOR REFERENCE ONLY.
 - THE GENERAL CONTRACTOR/CONSTRUCTION MANAGER SHALL COORDINATE SIZE AND LOCATION OF CONCRETE PADS SHOWN WITH THE EQUIPMENT TO BE INSTALLED. ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS AND TYPICAL DETAILS.
 - REFER TO TYPICAL DETAILS FOR INFORMATION NOT REFERENCED IN PLAN.
 - REFER TO GENERAL NOTES AND SCHEDULES FOR ADDITIONAL INFORMATION.
- EQUIPMENT NOTES:**
- THE CONCRETE PADS SHOWN HAVE BEEN DESIGNED FOR THE FOLLOWING EQUIPMENT OPERATING WEIGHTS:
 - GEN-1, GEN-2, GEN-3: 16,000 LBS 156 PSF
 - PARALLEL SWITCHGEAR: 15,000 LBS 162 PSF
 - DOCKING STATION: 500 LBS 80 PSF
 - GENERATOR: 2,000 LBS 223 PSF
 - THE GENERAL CONTRACTOR/CONSTRUCTION MANAGER SHALL OBTAIN CERTIFIED MANUFACTURER'S DRAWINGS FOR EQUIPMENT TO BE INSTALLED.
 - THE GENERAL CONTRACTOR/CONSTRUCTION MANAGER SHALL NOTIFY THE ENGINEER IF THE ACTUAL OPERATING WEIGHTS OF THE EQUIPMENT TO BE INSTALLED EXCEED THOSE LISTED ABOVE.
 - THE GENERAL CONTRACTOR/CONSTRUCTION MANAGER SHALL VERIFY THE CONCRETE PAD DIMENSIONS FOR THE EQUIPMENT TO BE INSTALLED AGAINST CERTIFIED MANUFACTURER'S INSTALLATION DRAWINGS.
 - THE GENERAL CONTRACTOR/CONSTRUCTION MANAGER SHALL COORDINATE DIMENSIONS INDICATED THUS (1) WITH MECHANICAL CONTRACTOR FOR EQUIPMENT TO BE INSTALLED PRIOR TO CONCRETE POUR.

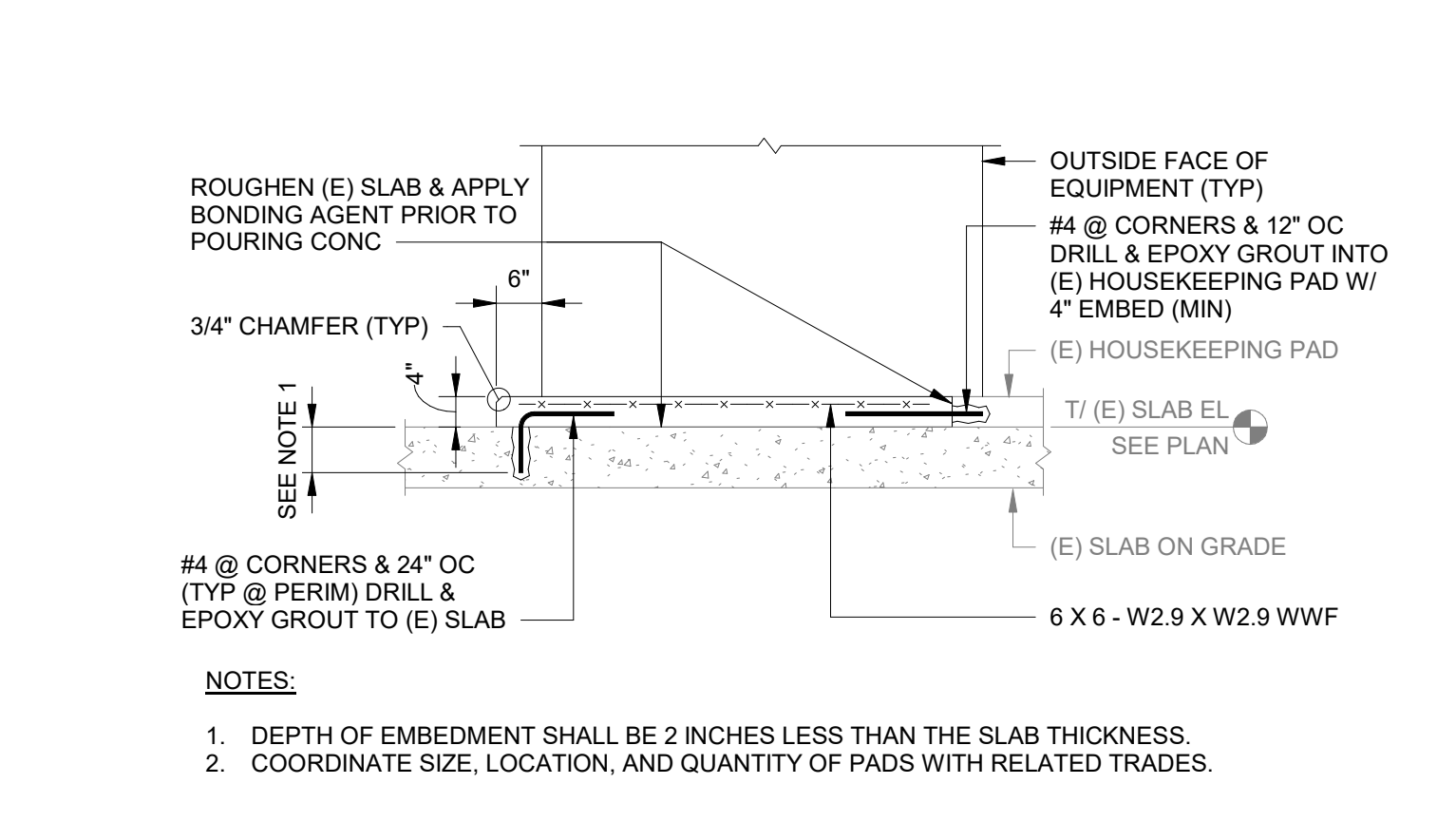


STRUCTURAL NEW WORK
SLAB ON GRADE AND EXTERIOR EQUIPMENT YARD PLAN - BUILDING 4238
 SCALE: 1/8" = 1'-0"

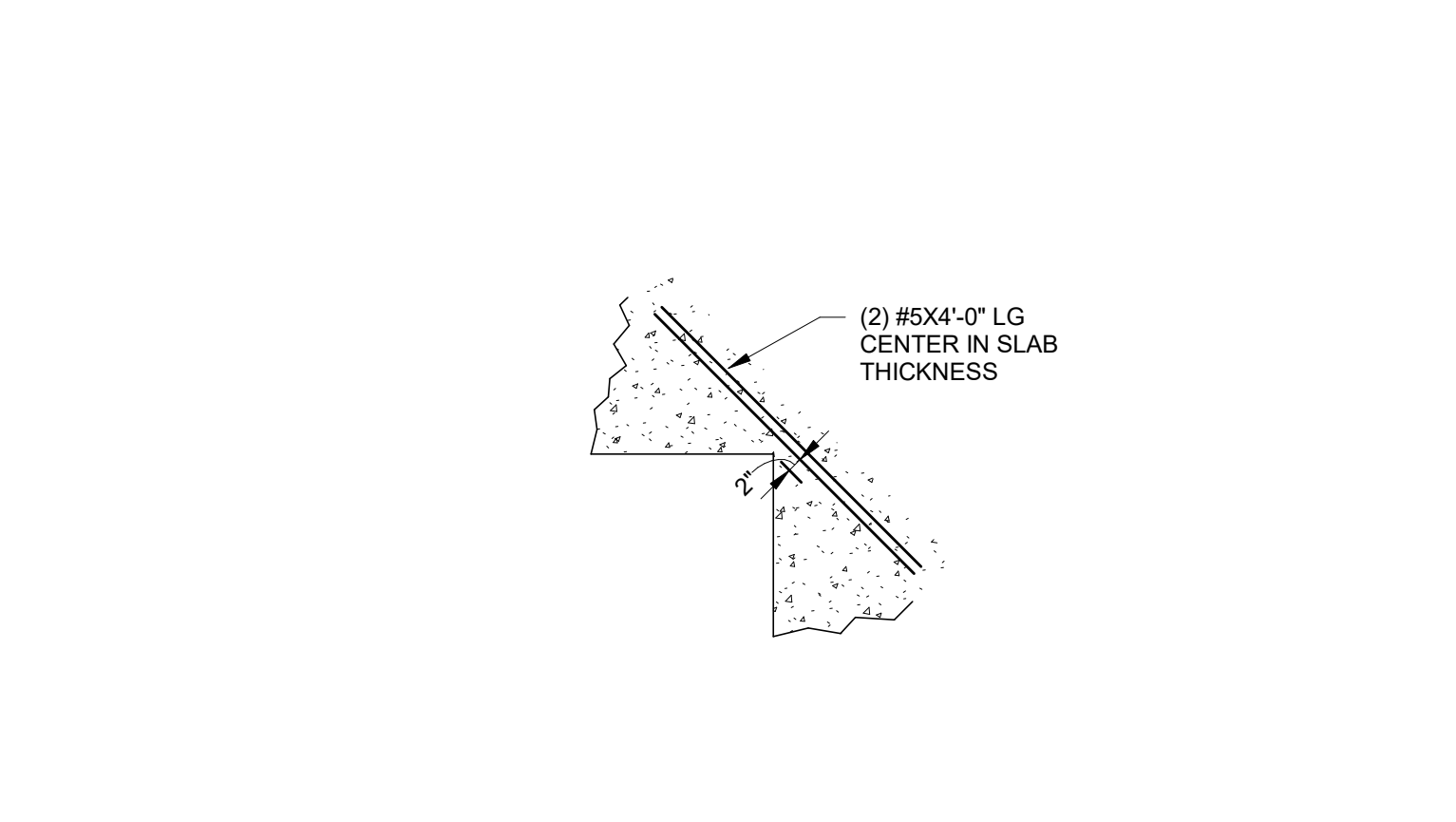
- SLAB ON GRADE PLAN NOTES:**
- TOP OF SLAB ON GRADE REFERENCE ELEVATION = 0'-0" (ACTUAL TOP OF SLAB ON GRADE ELEVATION = 386'-0") UNLESS OTHERWISE NOTED.
 - SLABS AND PADS INDICATED THUS (E) IN PLAN ARE EXISTING TO REMAIN. EXISTING FOUNDATIONS, PIERS, SLABS, AND PADS SHOWN ARE FOR REFERENCE ONLY.
 - THE GENERAL CONTRACTOR/CONSTRUCTION MANAGER SHALL COORDINATE SIZE AND LOCATION OF CONCRETE PADS SHOWN WITH THE EQUIPMENT TO BE INSTALLED. ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS AND TYPICAL DETAILS.
 - REFER TO TYPICAL DETAILS FOR INFORMATION NOT REFERENCED IN PLAN.
 - REFER TO GENERAL NOTES AND SCHEDULES FOR ADDITIONAL INFORMATION.
- EQUIPMENT NOTES:**
- THE CONCRETE PADS SHOWN HAVE BEEN DESIGNED FOR THE FOLLOWING EQUIPMENT OPERATING WEIGHTS:
 - GEN-3: 16,000 LBS 156 PSF
 - PARALLEL SWITCHGEAR: 15,000 LBS 162 PSF
 - DOCKING STATION: 500 LBS 80 PSF
 - GENERATOR: 2,000 LBS 223 PSF
 - THE GENERAL CONTRACTOR/CONSTRUCTION MANAGER SHALL OBTAIN CERTIFIED MANUFACTURER'S DRAWINGS FOR EQUIPMENT TO BE INSTALLED.
 - THE GENERAL CONTRACTOR/CONSTRUCTION MANAGER SHALL NOTIFY THE ENGINEER IF THE ACTUAL OPERATING WEIGHTS OF THE EQUIPMENT TO BE INSTALLED EXCEED THOSE LISTED ABOVE.
 - THE GENERAL CONTRACTOR/CONSTRUCTION MANAGER SHALL VERIFY THE CONCRETE PAD DIMENSIONS FOR THE EQUIPMENT TO BE INSTALLED AGAINST CERTIFIED MANUFACTURER'S INSTALLATION DRAWINGS.
 - THE GENERAL CONTRACTOR/CONSTRUCTION MANAGER SHALL COORDINATE DIMENSIONS INDICATED THUS (1) WITH MECHANICAL CONTRACTOR FOR EQUIPMENT TO BE INSTALLED PRIOR TO CONCRETE POUR.



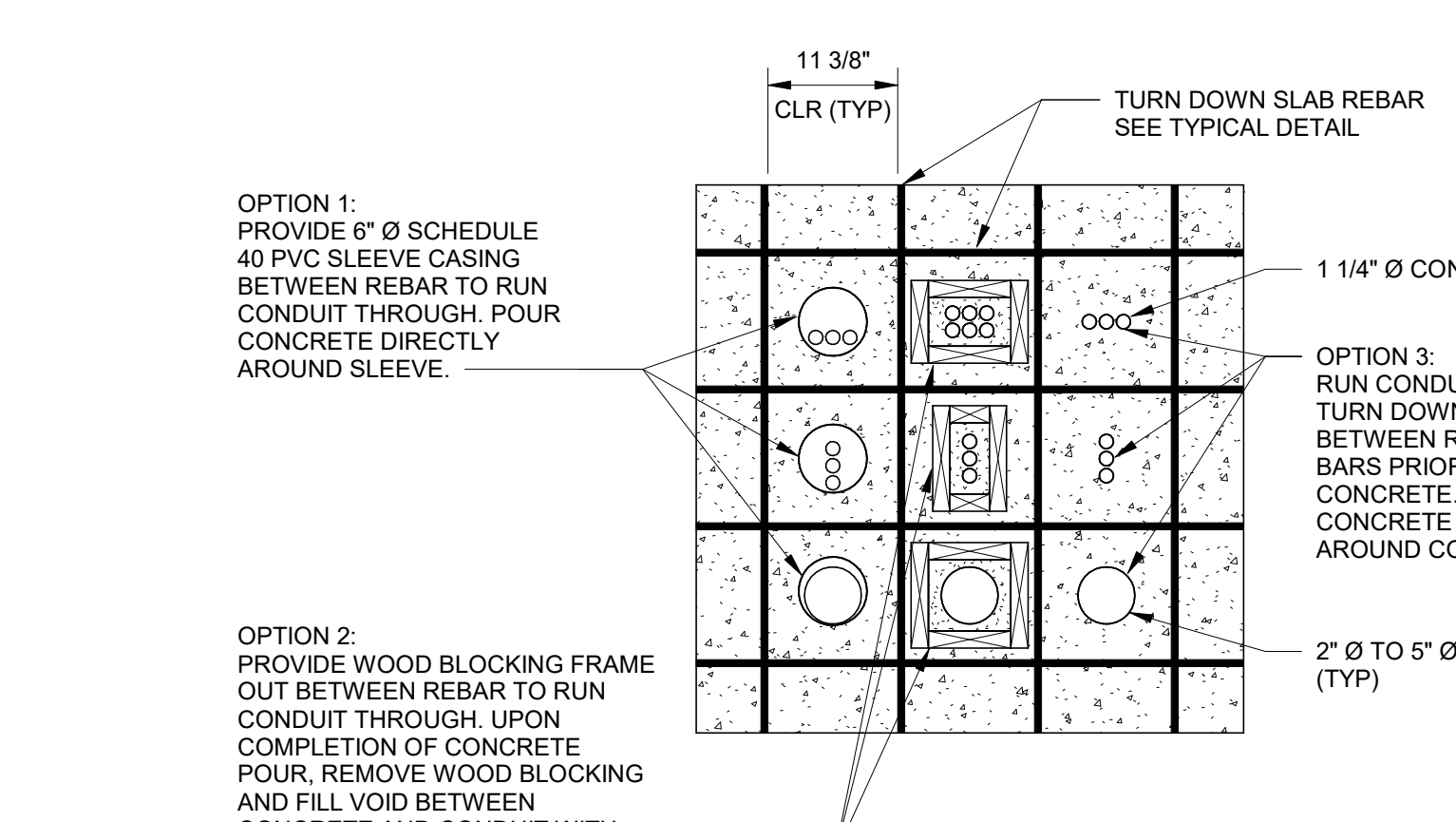
TYPICAL DETAIL
8" EXTERIOR EQUIPMENT PAD WITH TURNDOWN
 SCALE: NTS



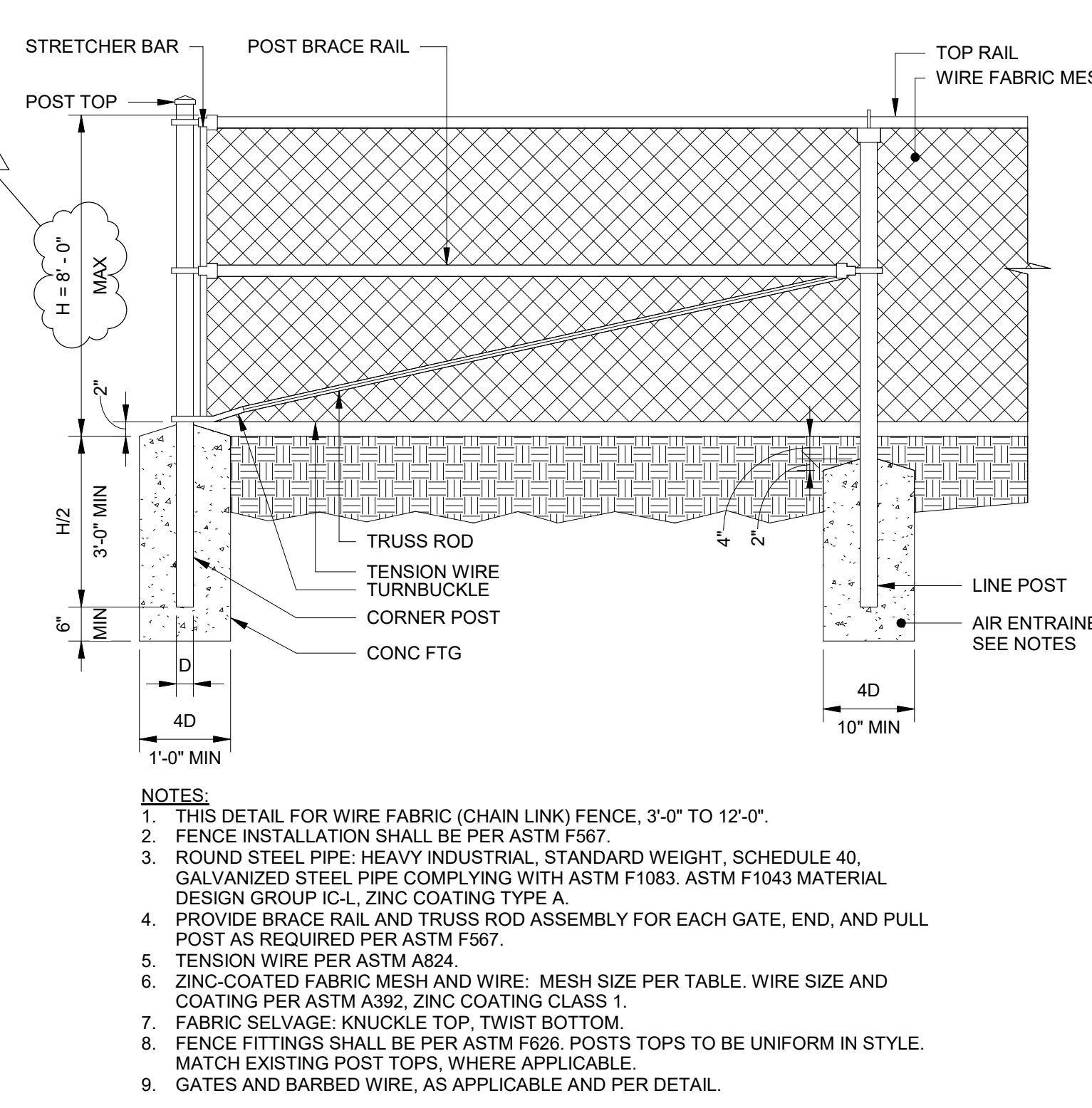
TYPICAL DETAIL
EXISTING HOUSEKEEPING PAD EXTENSION
 SCALE: NTS



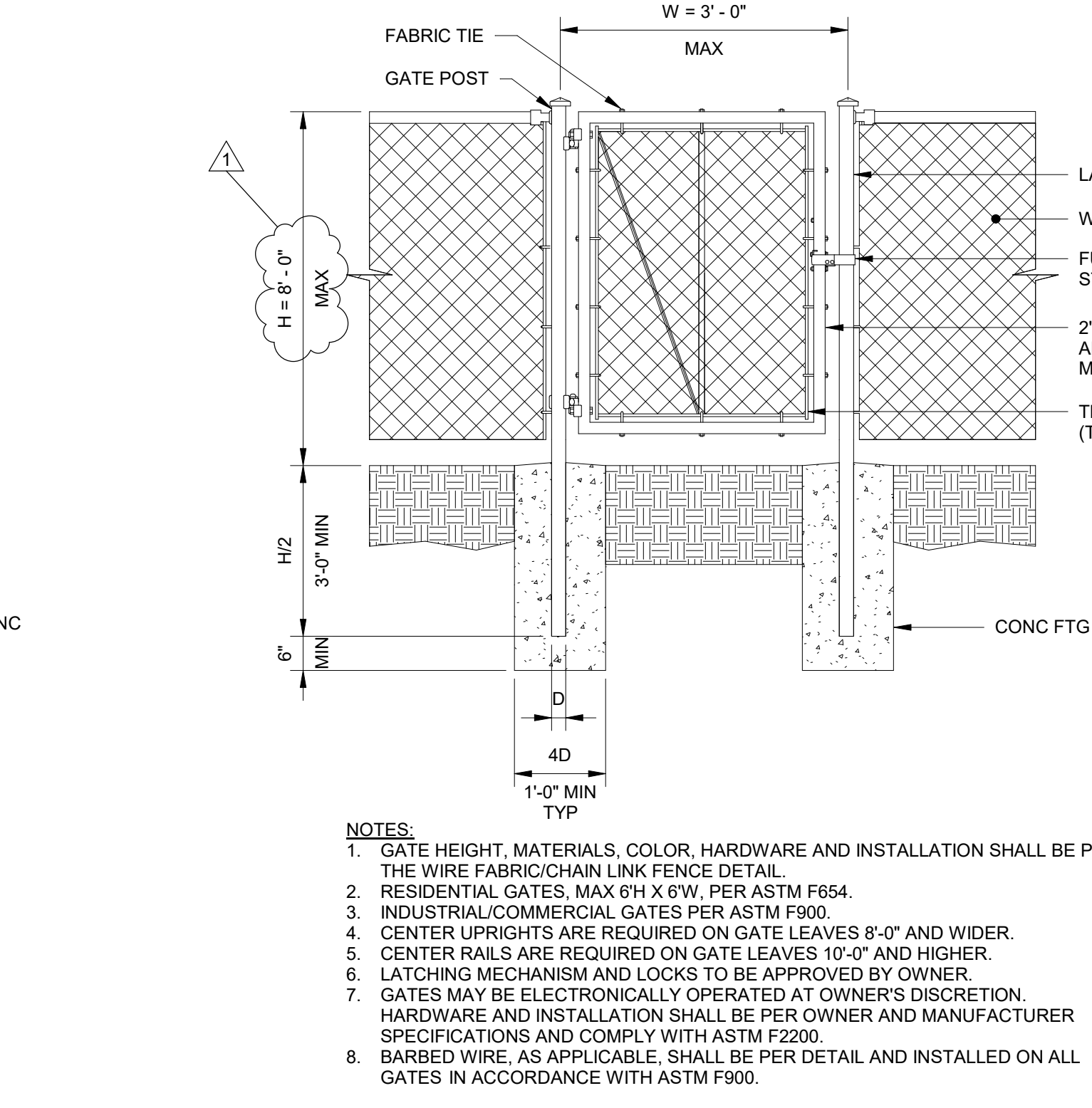
TYPICAL DETAIL
SLAB REINFORCEMENT AT RE-ENTRANT CORNER
 SCALE: NTS



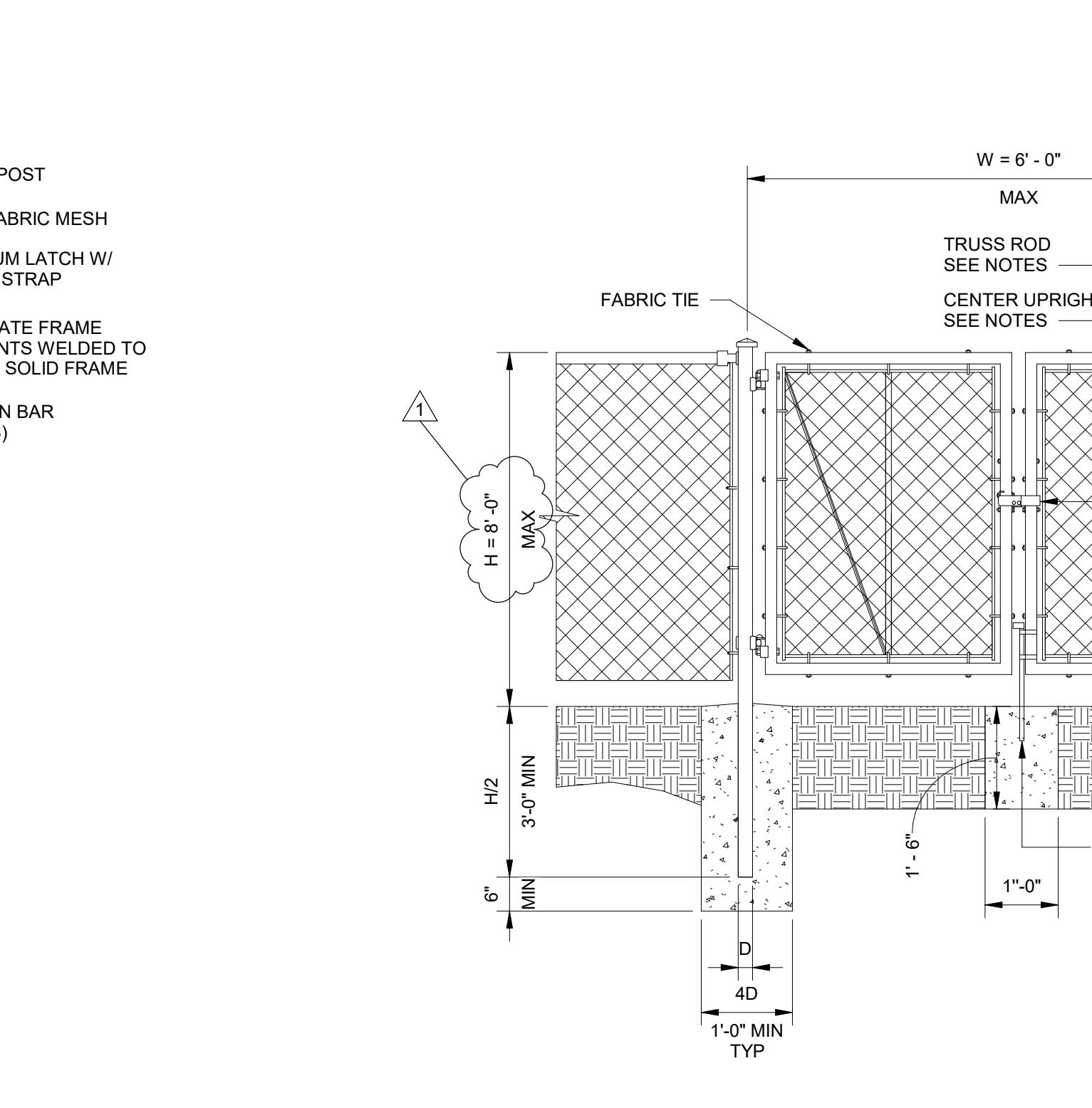
TYPICAL DETAIL
SLAB PENETRATION OPTIONS
 SCALE: NTS



TYPICAL DETAIL
FENCE
 SCALE: 1/2" = 1'-0"



TYPICAL DETAIL
FENCE SINGLE DOOR OPENING
 SCALE: 1/2" = 1'-0"



TYPICAL DETAIL
FENCE DOUBLE DOOR OPENING
 SCALE: 1/2" = 1'-0"

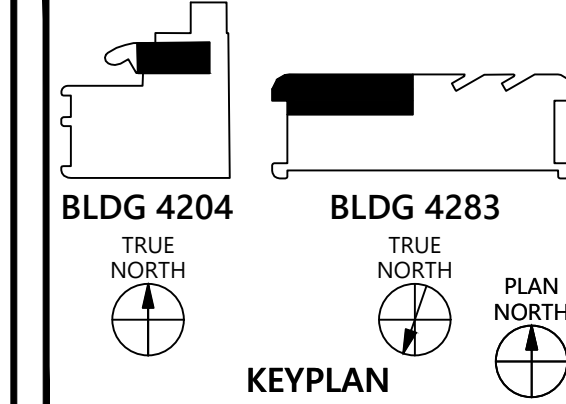
SEAL DOUGLAS F. SEABOLT, PE
 STATE OF NORTH CAROLINA
 PROFESSIONAL ENGINEER
 LICENSE NO. 052961
 DATE: 12-AUG-2022

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GENERATOR PARALLELING SWITCHGEAR INSTALLATION
 4204 & 4238 TECHNOLOGY DRIVE
 DURHAM, NC 27704

ALMAC
 Clinical Services



NO.	DATE	DESCRIPTION
1	12-AUG-2022	BULLETIN #1
0	20-APR-2022	ISSUE FOR CONSTRUCTION
A	21-JAN-2022	ISSUE FOR BID
REV	DATE	DESCRIPTION

PRECIS PROJECT NO: 21314
 PROJECT MANAGER: MAP
 DISCIPLINE LEAD: MAP
 DESIGN LEAD: NPD

SHEET TITLE:
STRUCTURAL SLAB ON GRADE AND EXTERIOR EQUIPMENT YARD PLAN AND DETAILS

SHEET NUMBER:
S3.01

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