

LANDSCAPE CALCULATIONS PER NORTHVILLE TWPS:

REPLACEMENT TREES:

LANDMARK TREE REPLACEMENT: REQUIRED: 100% OF TOTAL DBH REMOVED,

18" DBH INCHES TO BE REMOVED AND REPLACED 18"/3.5" CAL. TREE = 5, 3.5" CAL. TREE OR 10' HT EVG. REQ.

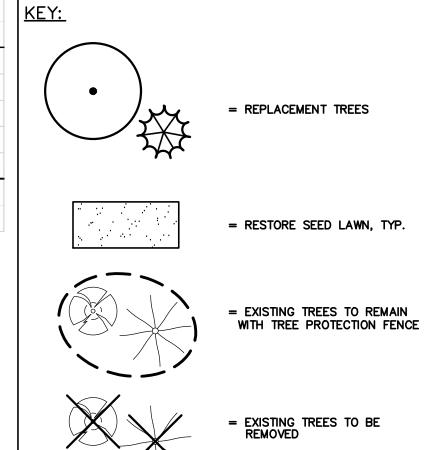
PROTECTED TREE REPLACEMENT: REQUIRED: 50% OF TOTAL DBH REMOVE;

16" DBH INCHES REMOVED *.5 = 8"/3.5" CAL. TREE = 2, 3.5" CAL. TREE OR 10' EVG. REQ.

TOTAL REPLACEMENT TREES REQUIRED: 7, 3.5" DEC. TREE OR 10' HT. EVG.

PROPOSED: 7 TREES (5, 3.5" DEC. TREES & 2, 10' HT. EVG. TREES) CITY TO DETERMINE FINAL PLACEMENT, CONTRACTOR TO AVOID ALL UTILITIES AND FILL VOIDS AS NECESSARY BEHIND EXISTING PLANT MATERIAL ALONG NAPIER

TREE PLANT LIST: SCIENTIFIC NAME QUANTITY KEY SYMBOL COMMON NAME SIZE SPEC AS3.5 Green Mountain Sugar Maple Acer saccharum 'Green Mountain' 3.5" Cal. B&B 5 TOTAL DECIDUOUS TREES **EVERGREEN TREE PLANT LIST:** SCIENTIFIC NAME QUANTITY KEY SYMBOL COMMON NAME SIZE SPEC 10' Ht. B&B PG10 Black Hills Spruce Picea glauca 'Densata' 2 TOTAL EVERGEEN TREES



GENERAL PLANTING NOTES:

- LANDSCAPE CONTRACTOR SHALL VISIT SITE, INSPECT EXISTING SITE CONDITIONS AND REVIEW PROPOSED PLANTING AND RELATED WORK. IN CASE OF DISCREPANCY BETWEEN PLAN AND PLANT LIST, PLAN SHALL GOVERN QUANTITIES. CONTACT LANDSCAPE ARCHITECT WITH ANY
- 2. CONTRACTOR SHALL VERIFY LOCATIONS OF ALL ON SITE UTILITIES PRIOR TO BEGINNING CONSTRUCTION ON HIS/HER PHASE OF WORK. ELECTRIC, GAS, TELEPHONE, CABLE TELEVISION MAY BE LOCATED BY CALLING MISS DIG 1-800-482-7171. ANY DAMAGE OR INTERRUPTION OF SERVICES SHALL BE THE RESPONSIBILITY OF CONTRACTOR. CONTRACTOR SHALL COORDINATE ALL RELATED ACTIVITIES WITH OTHER TRADES ON THE JOB AND SHALL REPORT ANY UNACCEPTABLE JOB CONDITIONS TO OWNER'S REPRESENTATIVE PRIOR TO COMMENCING.
- 3. ALL PLANT MATERIAL TO BE PREMIUM GRADE NURSERY STOCK AND SHALL SATISFY AMERICAN ASSOCIATION OF NURSERYMEN STANDARD FOR NURSERY STOCK. ALL LANDSCAPE MATERIAL SHALL BE NORTHERN GROWN, NO. 1. GRADE.
- CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL QUANTITIES SHOWN ON LANDSCAPE PLAN PRIOR TO PRICING THE WORK.
- THE OWNER'S REPRESENTATIVE RESERVES THE RIGHT TO REJECT ANY PLANT MATERIAL NOT MEETING SPECIFICATIONS.
- 6. ALL SINGLE STEM SHADE TREES TO HAVE STRAIGHT TRUNKS AND SYMMETRICAL CROWNS.
- 7. ALL SINGLE TRUNK SHADE TREES TO HAVE A CENTRAL LEADER; TREES WITH FORKED OR IRREGULAR TRUNKS WILL NOT BE ACCEPTED.
- 8. ALL MULTI STEM TREES SHALL BE HEAVILY BRANCHED AND HAVE SYMMETRICAL CROWNS. ONE SIDED TREES OR THOSE WITH THIN OR OPEN CROWNS SHALL NOT BE ACCEPTED.
- 9. ALL EVERGREEN TREES SHALL BE HEAVILY BRANCHED AND FULL TO THE GROUND, SYMMETRICAL IN SHAPE AND NOT SHEARED FOR THE LAST FIVE GROWING SEASONS.
- 10. ALL TREES TO HAVE CLAY OR CLAY LOAM BALLS, TREES WITH SAND BALLS WILL BE REJECTED.
- 11. NO MACHINERY IS TO BE USED WITHIN THE DRIP LINE OF EXISTING TREES; HAND GRADE ALL LAWN AREAS WITHIN THE DRIP LINE OF EXISTING TREES.
- 12. ALL TREE LOCATIONS SHALL BE STAKED BY LANDSCAPE CONTRACTOR AND ARE SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION OF THE PLANT MATERIAL.
- 13. IT IS MANDATORY THAT POSITIVE DRAINAGE IS PROVIDED AWAY FROM ALL BUILDINGS.
- 14. ALL PLANTING BEDS SHALL RECEIVE 3" SHREDDED HARDWOOD BARK MULCH WITH PRE EMERGENT, SEE SPECIFICATIONS. SHREDDED PALETTE AND DYED MULCH WILL NOT BE ACCEPTED.
- 15. ALL LANDSCAPED AREAS SHALL RECEIVE 3" COMPACTED TOPSOIL.
- 16. SEE SPECIFICATIONS FOR ADDITIONAL COMMENTS, REQUIREMENTS, PLANTING PROCEDURES AND
- 17. FOR NON-LAWN SEED MIX AREAS, AS NOTED ON PLAN, BRUSH MOW ONCE SEASONALLY FOR
- INVASIVE SPECIES CONTROL. 18. CONTRACTOR SHALL NOT INSTALL PLANTS UNDER BUILDING OVERHANG AND SHALL NOTIFY
- LANDSCAPE ARCHITECT IF DRAWINGS CONFLICT WITH BUILDING OVERHANGS.
- 19. TREES SHALL NOT CONFLICT/ BLOCK PROPOSED REGULATORY/ DIRECTION SIGNAGE, MONUMENT SIGNS, ADDRESS OR LIGHT PÓLES. SHIFT TREES AS NECESSARÝ TYP.



NORTHVILLE COMPRESSOR STATION 2022 CONSTRUCTION

IT/SCADA BUILDING LANDSCAPE PLAN

FIELD AREA: FIELDAREA

105C-5000 STA. NO.

ORIGINAL DRAWING #

105A-5000-002 105A-5000-003 105A-5000-004 105C-5000-017 105E-5000-008 SSUED FOR 100% REVIEW - WO 39827425 NVL API1164 SSUED FOR 90% REVIEW - WO 39827425 NVL AP|1164 ISSUED FOR 60% REVIEW - WO 39827425 NVL AP|1164 ENGINEER REV. PROJECT# DATE DR CK DES: APP. CO REV. PROJECT# DATE **DESCRIPTION DESCRIPTION** REFERENCE DRAWINGS NUMBERS

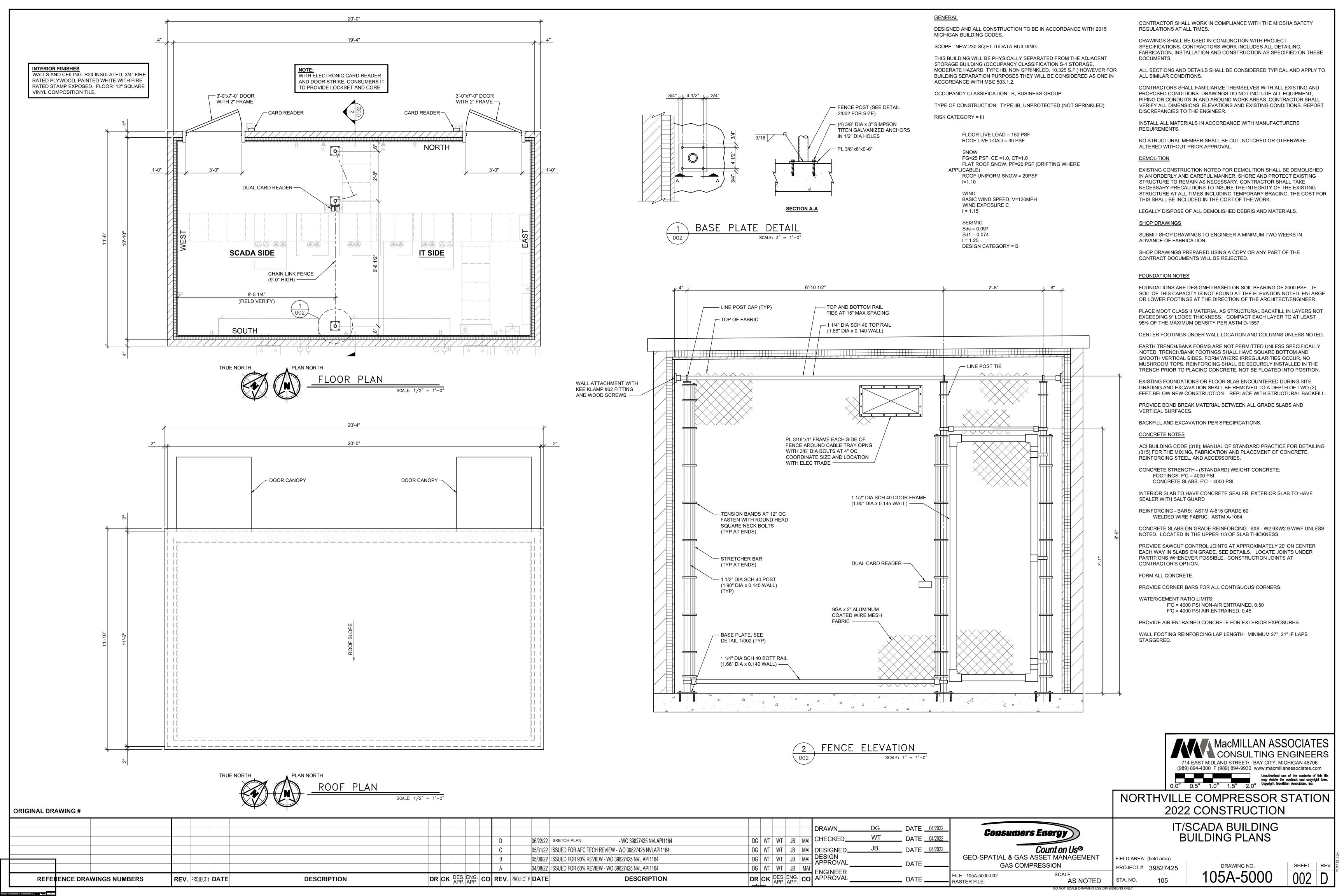
DATE <u>04/2022</u>

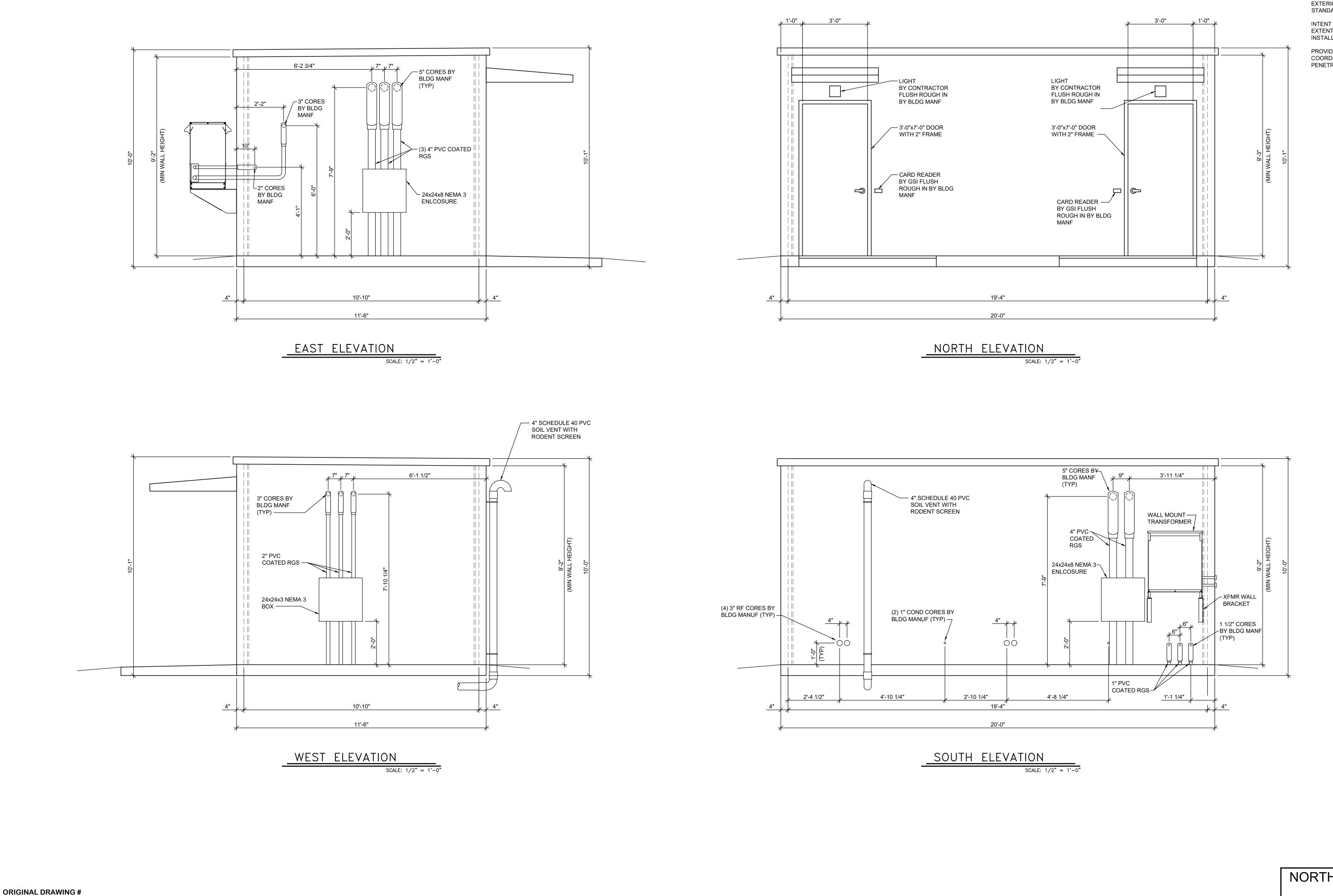
GEO-SPATIAL & GAS ASSET MANAGEMENT FILE: 105C-5000-015

GAS COMPRESSION 1"=20'

Consumers Energy

PROJECT# 39827425





06/22/22 SKETCH PLAN

DR CK DES. ENG. CO REV. PROJECT# DATE

REV. PROJECT# DATE

REFERENCE DRAWINGS NUMBERS

DESCRIPTION

- WO 39827425 NVL API1164

DESCRIPTION

05/31/22 | ISSUED FOR AFC TECH REVIEW - WO 39827425 NVL API1164

05/06/22 | ISSUED FOR 90% REVIEW - WO 39827425 NVL API1164

04/08/22 ISSUED FOR 60% REVIEW - WO 39827425 NVL API1164

PRECAST BUILDING

CONTRACTOR TO SUPPLY AND INSTALL THE COMPLETE PREFABRICATED CONCRETE STRUCTURE PER THE SPECIFICATION AND DRAWINGS.

EXTERIOR FINISH TO BE EXPOSED AGGREGATE, LIGHT BROWN OR OTHER STANDARD COLOR AS SELECTED BY THE OWNER.

INTENT IS TO INCLUDE ALL FINISHES PREFABRICATED TO THE GREATEST EXTENT POSSIBLE. WHERE PREFAB IS NOT AVAILABLE PROVIDE FIELD

INSTALLED FINISHED AS SPECIFIED.

PROVIDE DETAILED SHOP DRAWINGS FOR APPROVAL AND FINAL COORDINATION OF PENETRATIONS. FIELD SEAL AROUND ALL PENETRATIONS FOLLOWING EQUIPMENT INSTALLATION.

> MacMILLAN ASSOCIATES CONSULTING ENGINEERS 714 EAST MIDLAND STREET• BAY CITY, MICHIGAN 48706 (989) 894-4300 F (989) 894-9930 www.macmillanassociates.com

NORTHVILLE COMPRESSOR STATION 2022 CONSTRUCTION

IT/SCADA BUILDING BUILDING ELEVATIONS

FIELD AREA: (field area) PROJECT # 39827425

STA. NO.

Consumers Energy

Count on Us®
GEO-SPATIAL & GAS ASSET MANAGEMENT

GAS COMPRESSION

AS NOTED

FILE: 105A-5000-003

RASTER FILE:

WT

DR CK DES. ENG. CO APPROVAL

DRAWING NO. 105A-5000

SHEET REV

003 D