



7/27/2026

MILITARY DEPARTMENT
STATE of NEBRASKA
LINCOLN, NEBRASKA

NEBRASKA ARMY NATIONAL GUARD

CATS-M Transit Training Company HQ Bldg. 1270 Construction Project

At the

1324 County Road 8, Mead, NE 68041-4037

For the

MILITARY DEPARTMENT
STATE of NEBRASKA
Lincoln, Nebraska

PROJECT NO. 31090572

A D D E N D U M N O . 2

The original specifications and drawings on the STATE OF NEBRASKA REQUEST for PROPOSAL FORM for the project noted above are amended as noted in this Addendum No. 1.

Receipt of this Addendum shall be acknowledged by inserting its number and date in the space provided on the Bid Form.

ADDENDUM NO. 2

NOTE TO ALL PLANHOLDERS: Please insert this Addendum into your copy of the Contract Documents for the above named project.

The following changes to the Contract Documents are issued by the CFMO-CMB and shall have the same force and effect as though a part of the original issue.

THE RECEIPT DATE, TIME and LOCATION of the BID PROPOSAL submission HAS NOT CHANGED.

General Items

1. Question:
 - a. Question regarding fill under concrete slab. There is no information on how deep fill needs to be in specs, also no soil report provided.
- b. Answer:
 - i. See attached sheet S1.1 for floor slab subgrade and utility trenches below footing preparation requirements.

Substitutions

The following manufacturers have been approved for bidding:

1. None.



Drawings

1. Sheet C2.1 – Site Layout Plan.
 - a. This sheet has been reissued in its entirety. Added note for concrete mow curb for ABI #1.
2. Sheet C6.1 – Site Details.
 - a. This sheet has been reissued in its entirety. Added note for concrete mow curb for ABI #1.
3. Sheet S1.1 – Structural Design Data, General Notes, Schedules and Standard Details
 - a. See attached Sheet S1.1 with the addition of utility trenches below footings and floor slab subgrade preparation instructions.

THIS ADDENDUM SHALL BE ATTACHED TO AND MADE A PART OF THE DRAWINGS AND SPECIFICATIONS AND SHALL BE ACKNOWLEDGED WITH THE BIDDER'S PROPOSAL.



MICHAEL E. DAILY
BVH Architecture



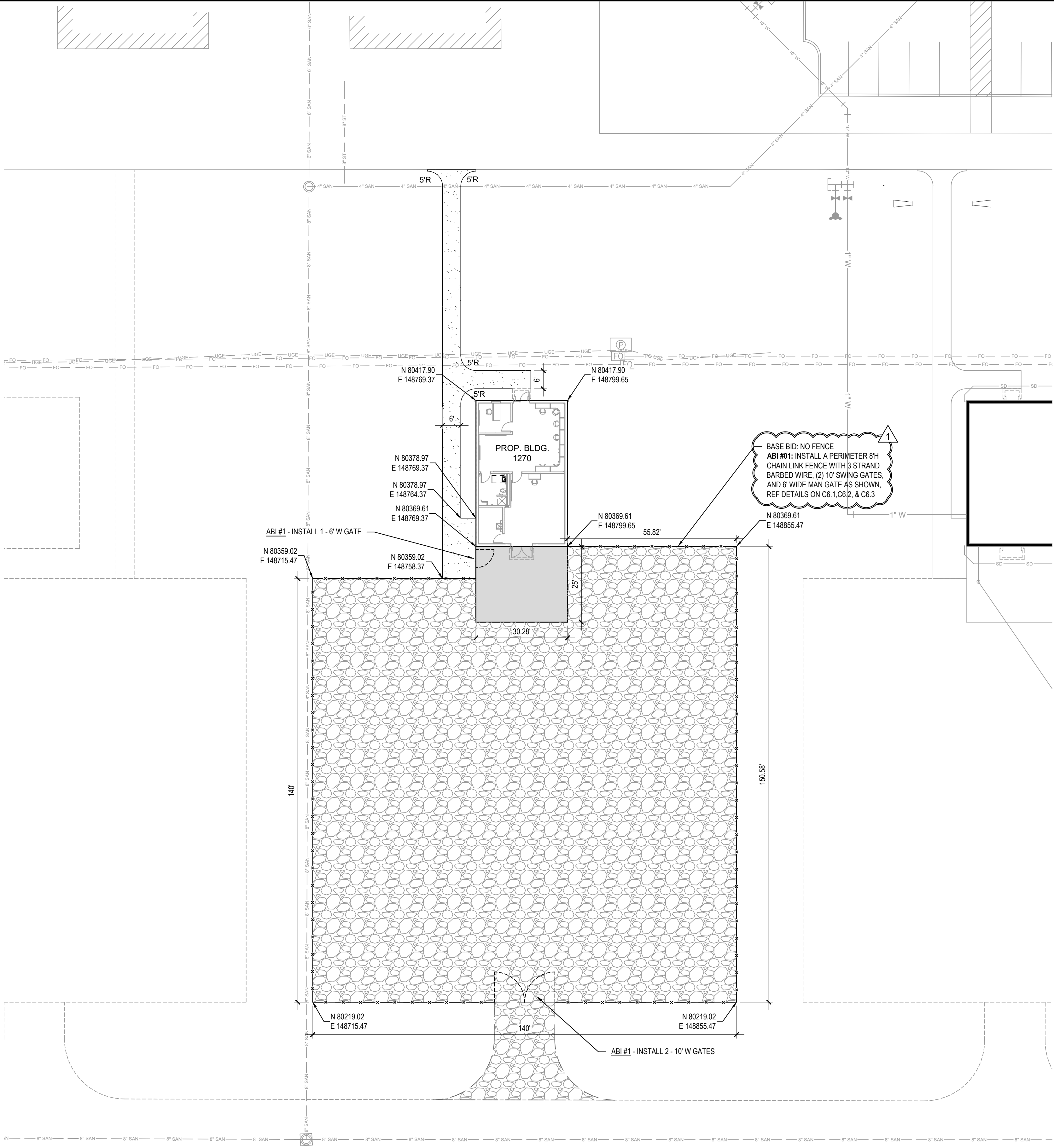
CRAIG W. STRONG
Major General, The Adjutant General

ATTACHMENTS:

1. Sheet C2.1.
2. Sheet C6.1.
3. Sheet S1.1.

End of Addendum No. 2





SITE LAYOUT LEGEND		
	5' CONCRETE SIDEWALK	2 C6.1
	LIGHT DUTY 6' CONCRETE PAVEMENT NDOT 47B-3500PSI	1 C6.1
	6' AGGREGATE PAVEMENT	3 C6.1



ARCHITECT
BVH ARCHITECTURE
440 N 8TH ST STE 100
LINCOLN NE 68508
V 402 475 4551
F 402 475 0226
bvh.com

ENGINEERING TECHNOLOGIES, INC.
825 M ST #200
LINCOLN, NE 68508
V 402 476 1273
eti-engineers.com

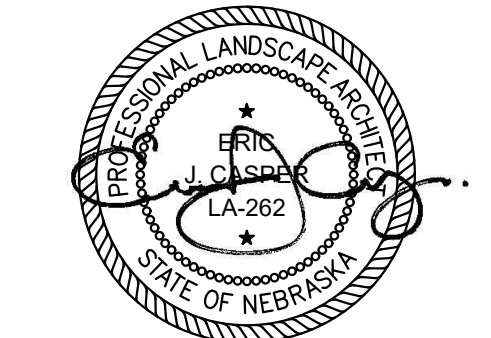
VOSS & ASSOCIATES
201 N 7TH ST
LINCOLN, NE 68508
V 402 476 6365
voss-assoc.com

JEO CONSULTING GROUP
2000 Q ST SUITE 500
LINCOLN, NE 68503
V 402 435 3080
jeo.com

REVISIONS SCHEDULE		
MARK	DATE	DESCRIPTION
01	07/27/2026	Addendum #2

Mead TT CO HQ
Building 1270
775 COUNTY RD. J
YUTAN, NE 68073

PROJECT: 26016 DATE: 06/25/2026
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06-23-2026

CA-0098

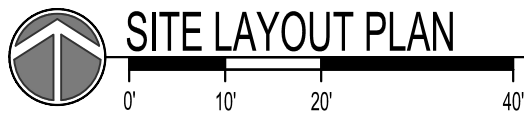
SITE LAYOUT PLAN



Know what's below.
Call before you dig.



C2.1



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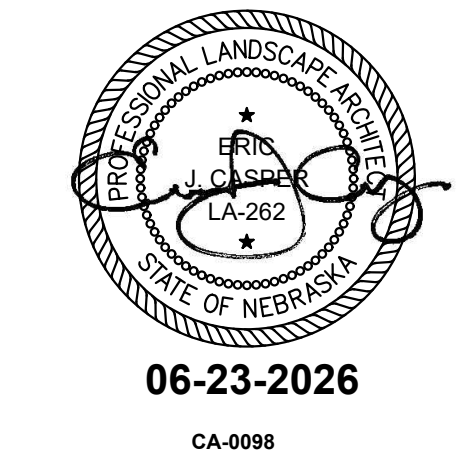
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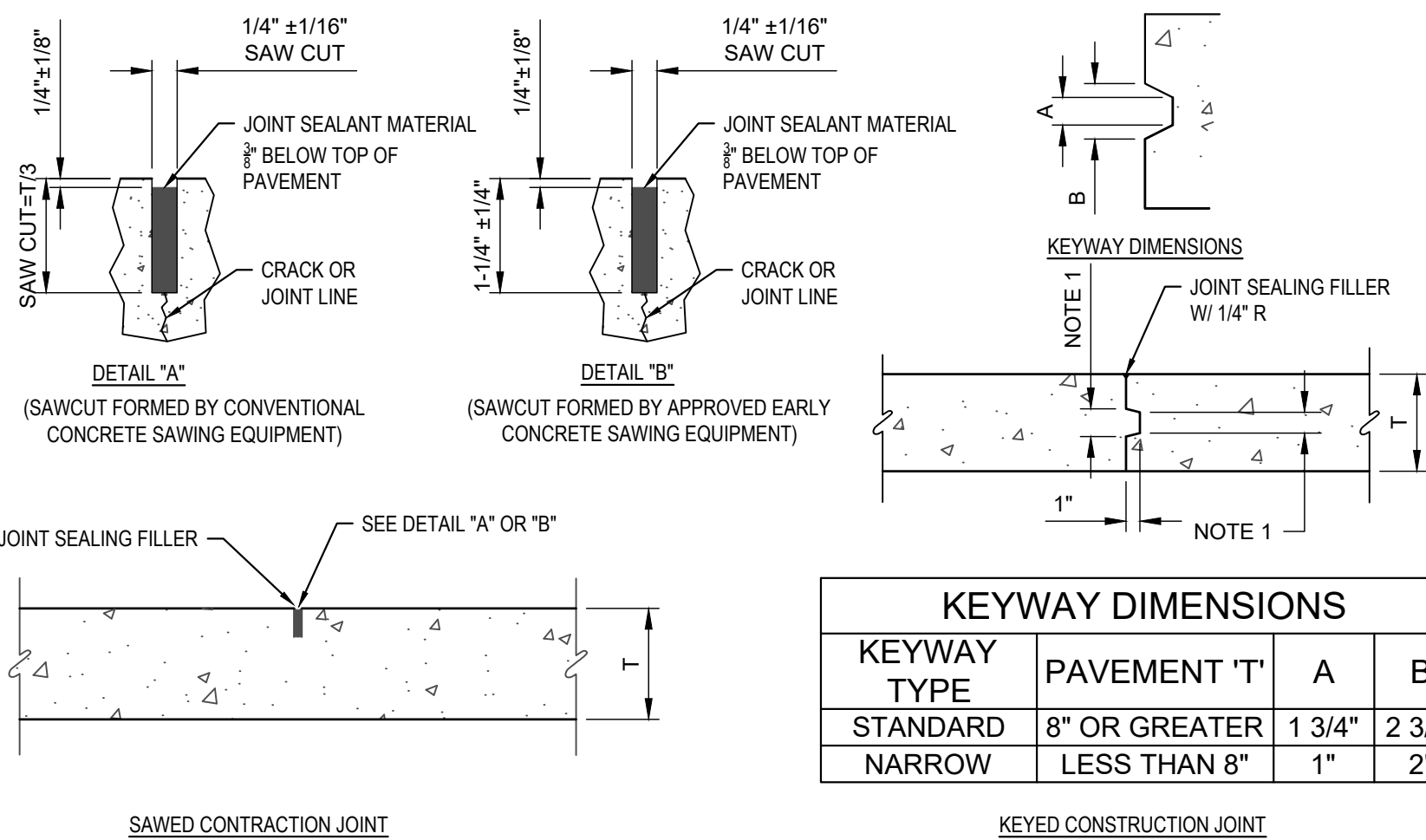
PROJECT: 26016 DATE: 06/25/2026
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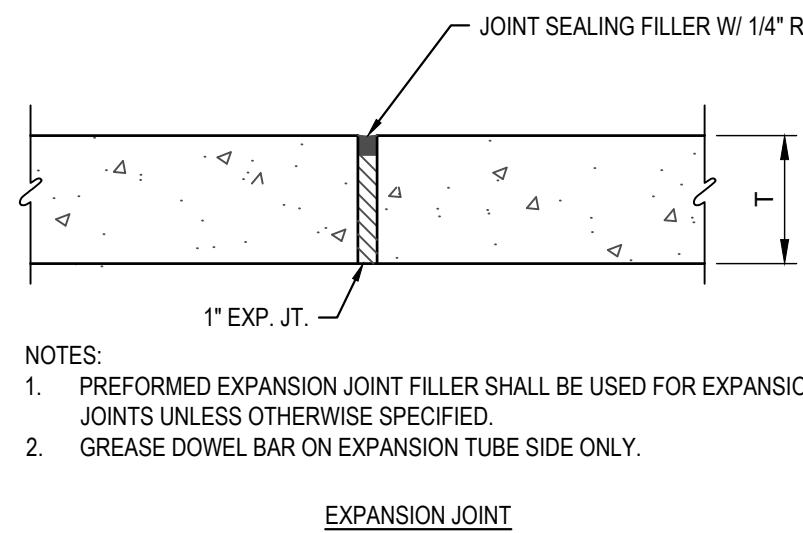
SITE DETAILS

NORTH

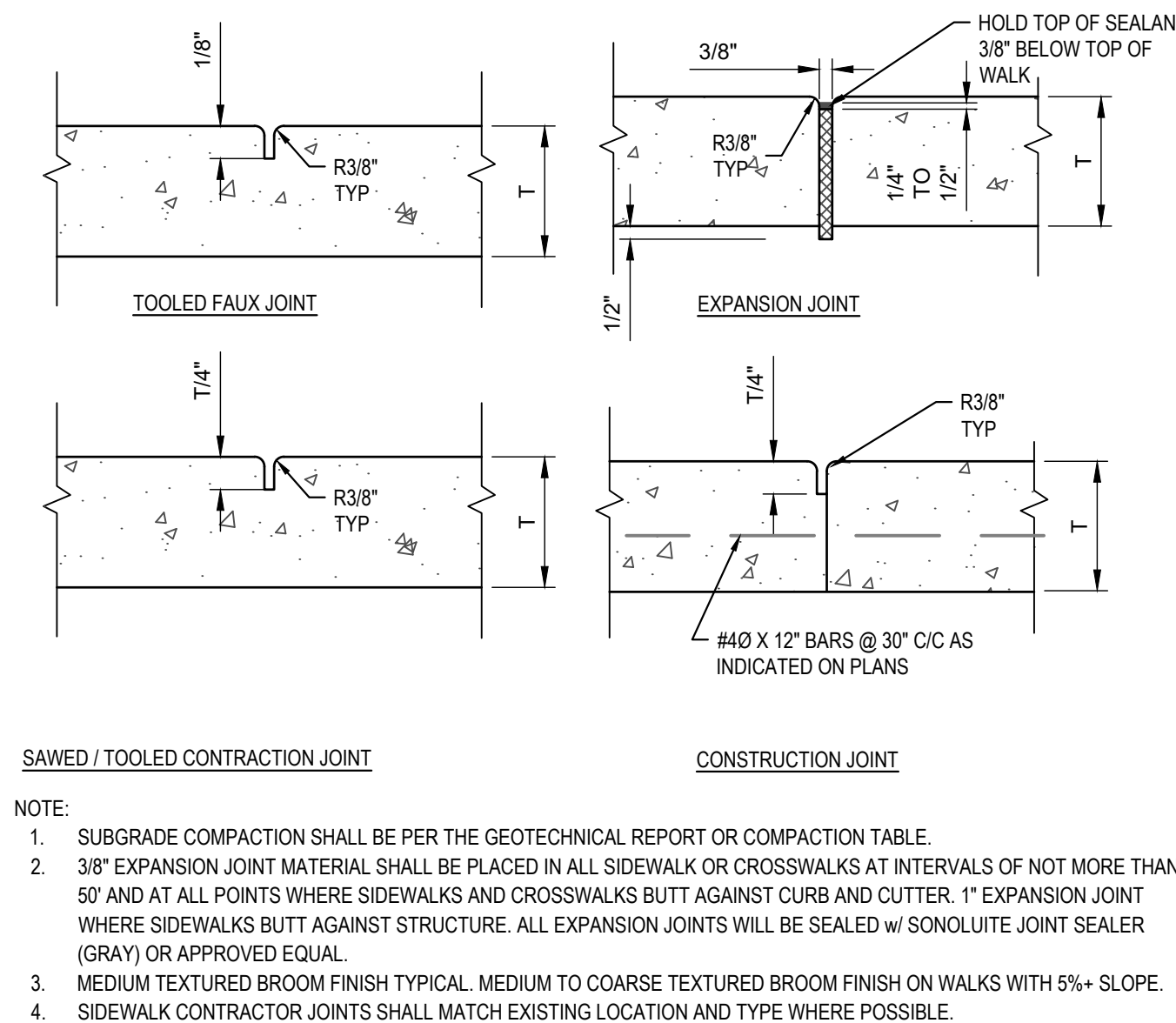
C6.1



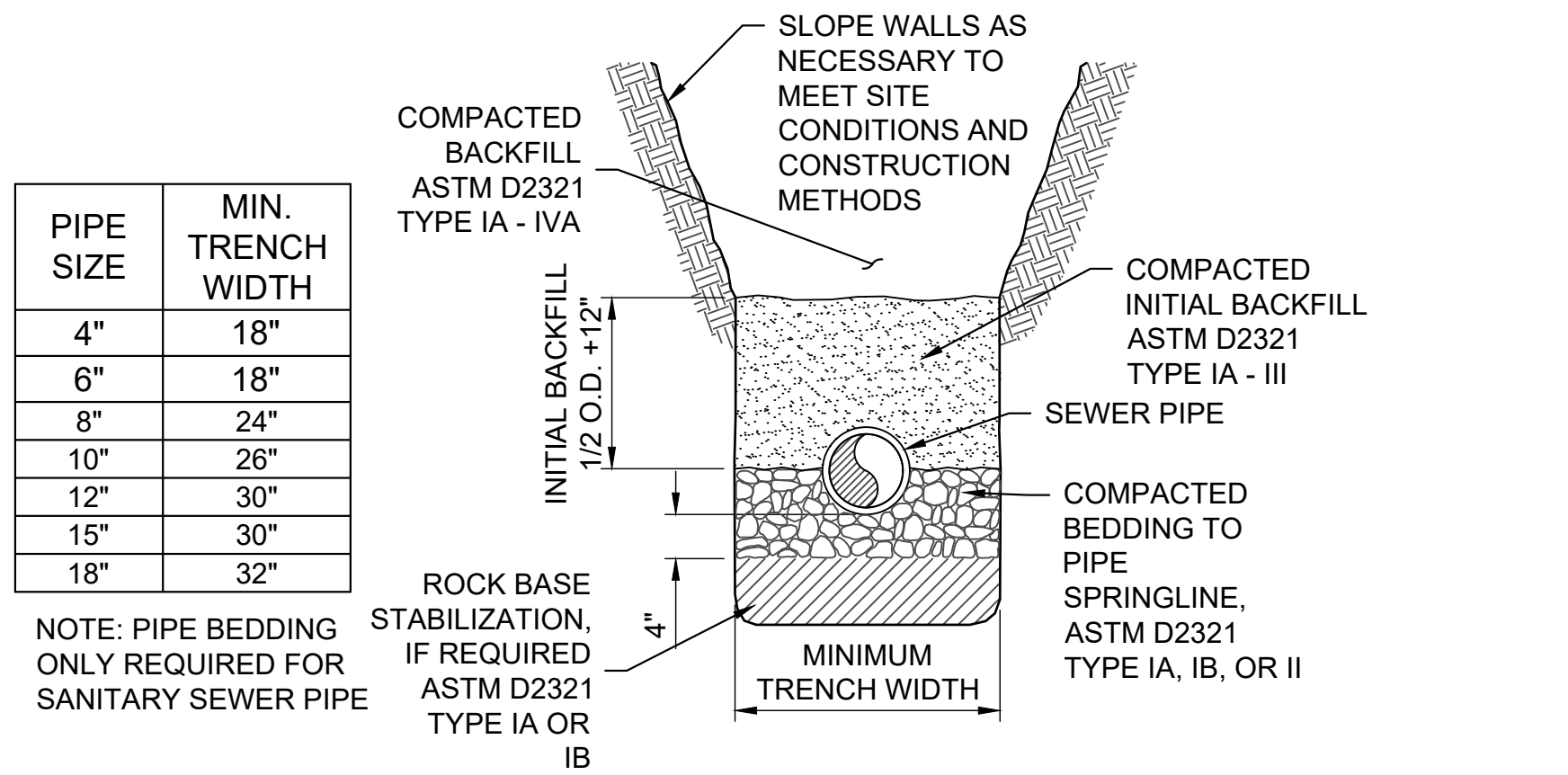
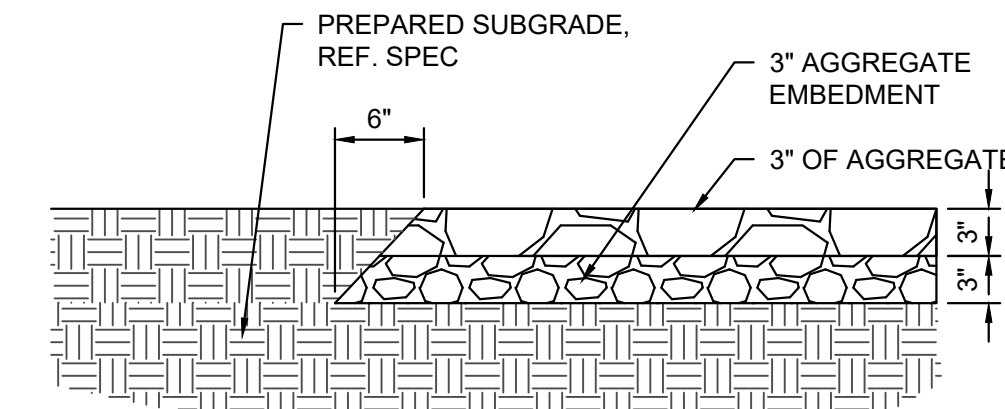
1 CONCRETE PAVEMENT CONSTRUCTION JOINTS
N.T.S.



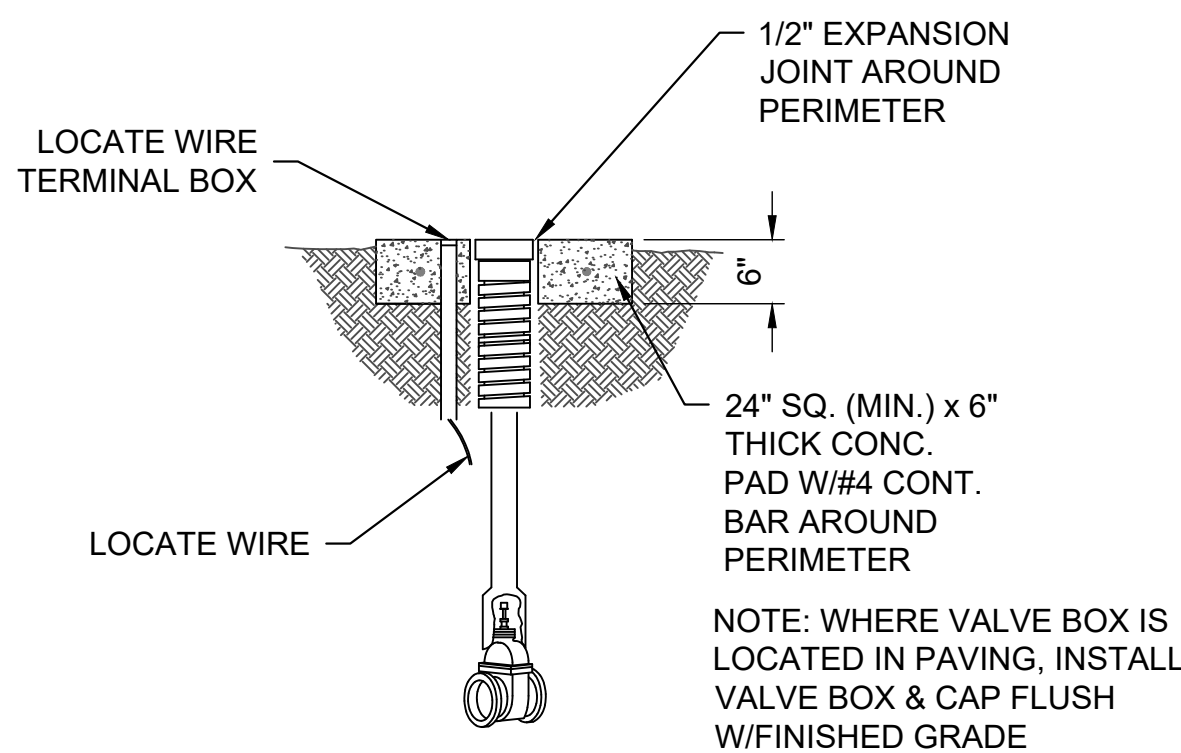
2 CONCRETE SIDEWALK CONSTRUCTION JOINTS
N.T.S.



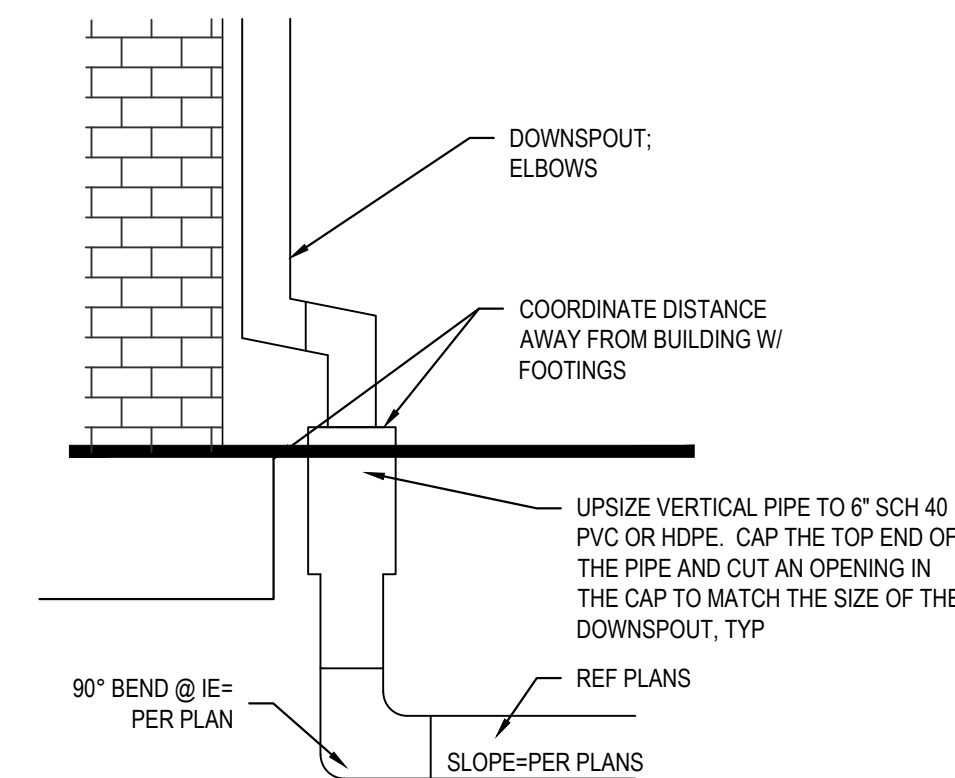
3 AGGREGATE PAVEMENT
N.T.S.



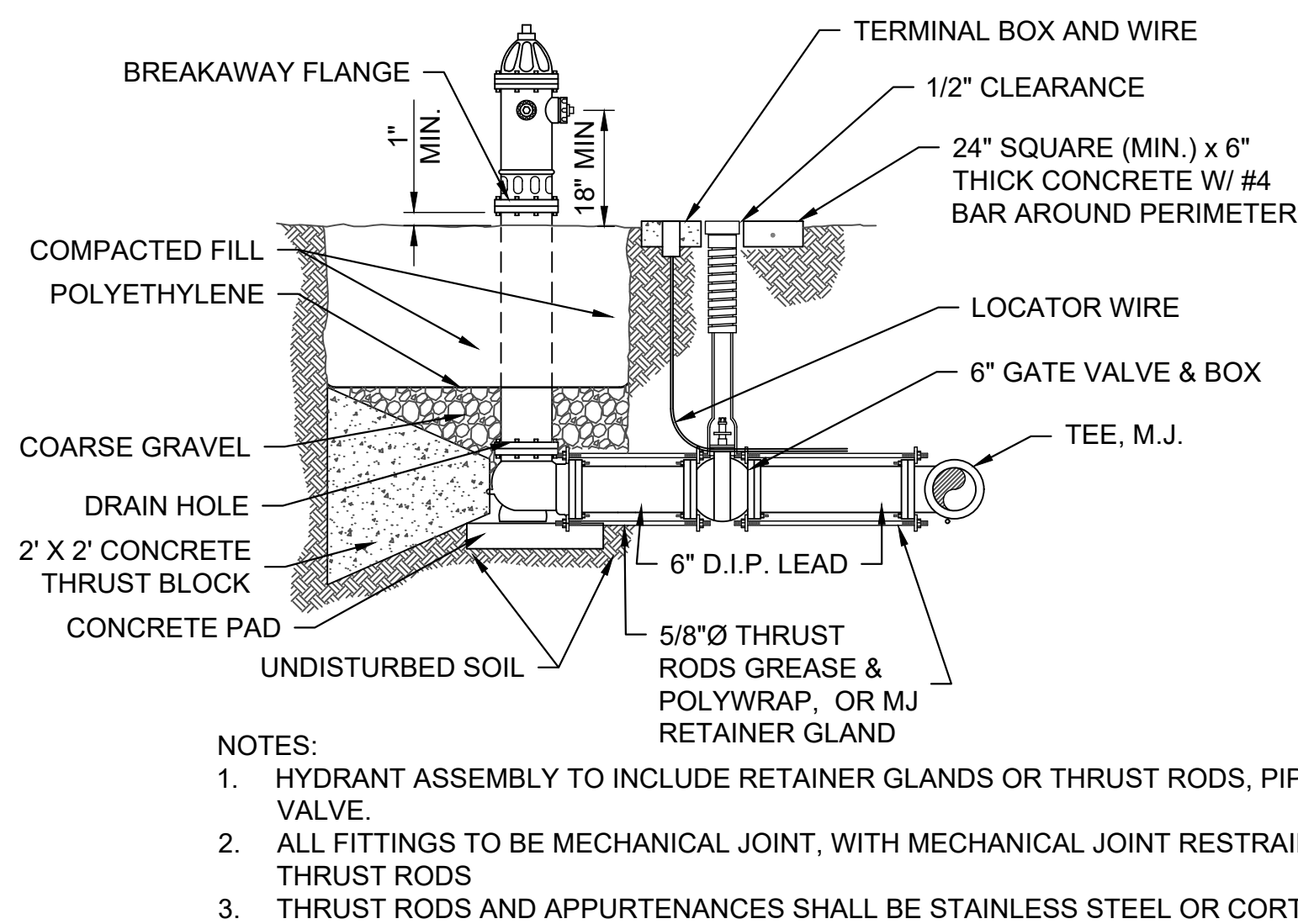
4 SANITARY SEWER / WATER TRENCH
N.T.S.



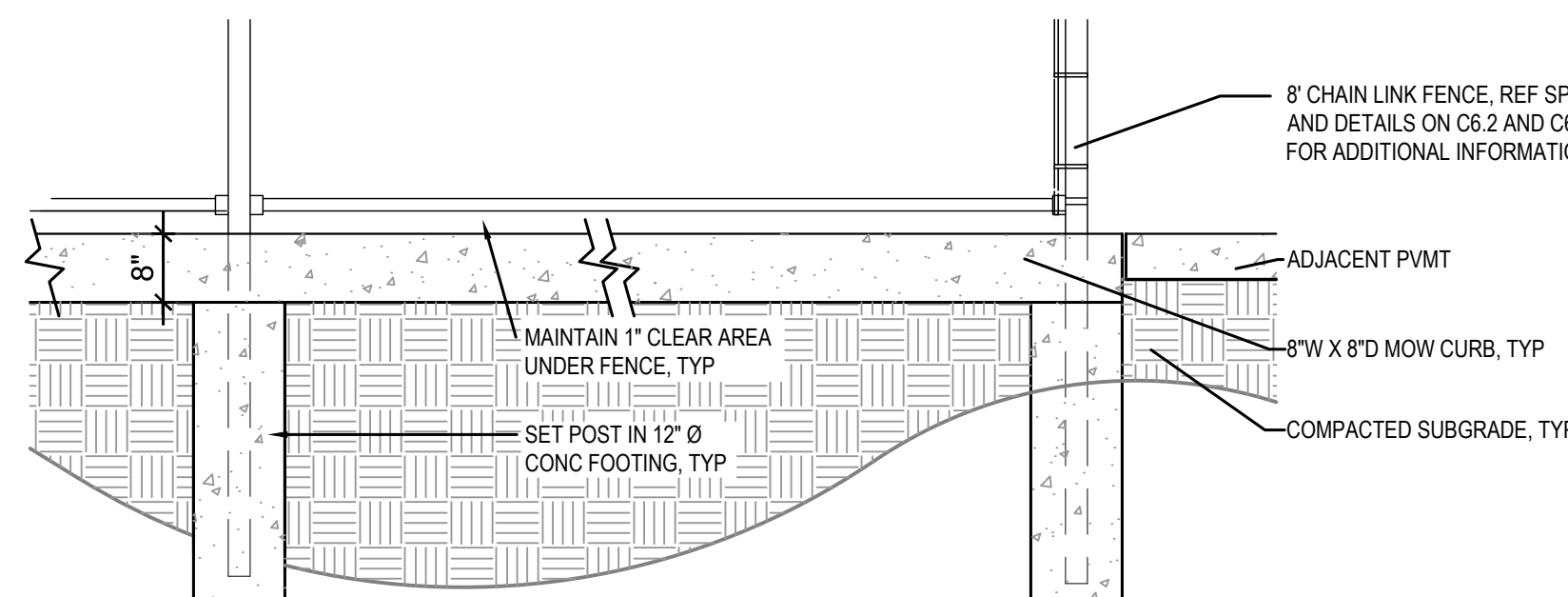
5 GATE VALVE & BOX
N.T.S.



6 DOWNSPOUT CONNECTION DETAIL
N.T.S.



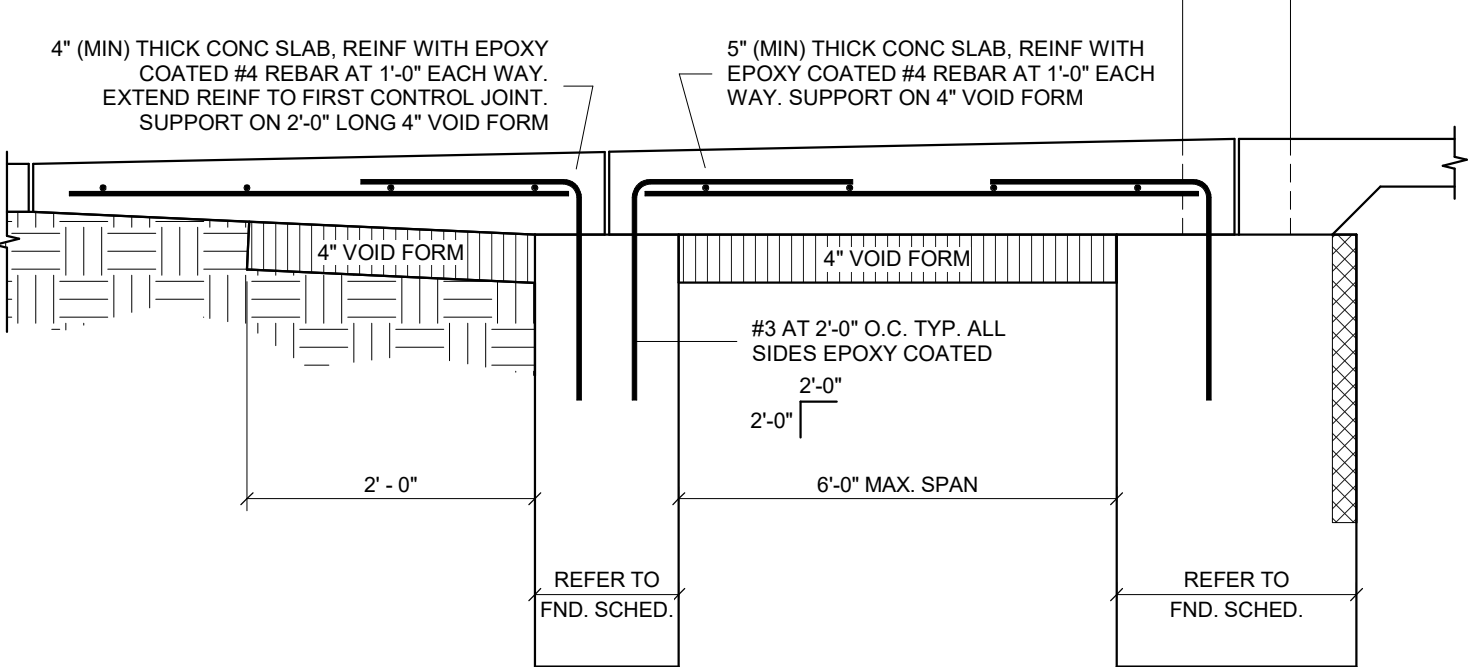
7 FIRE HYDRANT ASSEMBLY
NOT TO SCALE



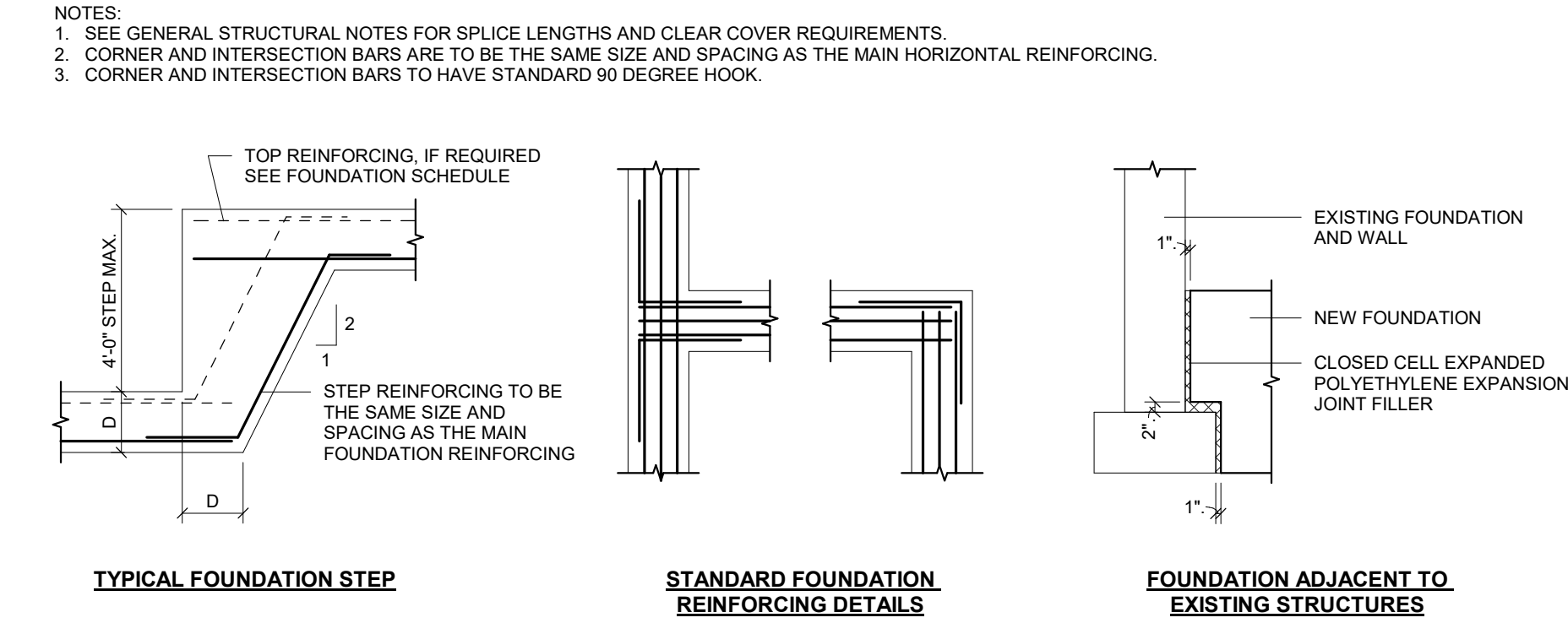
8 8'H CHAIN LINK FENCE, TYP (ABI #1)
1/2" = 1'-0"

7/23/2026 12:21:28 PM

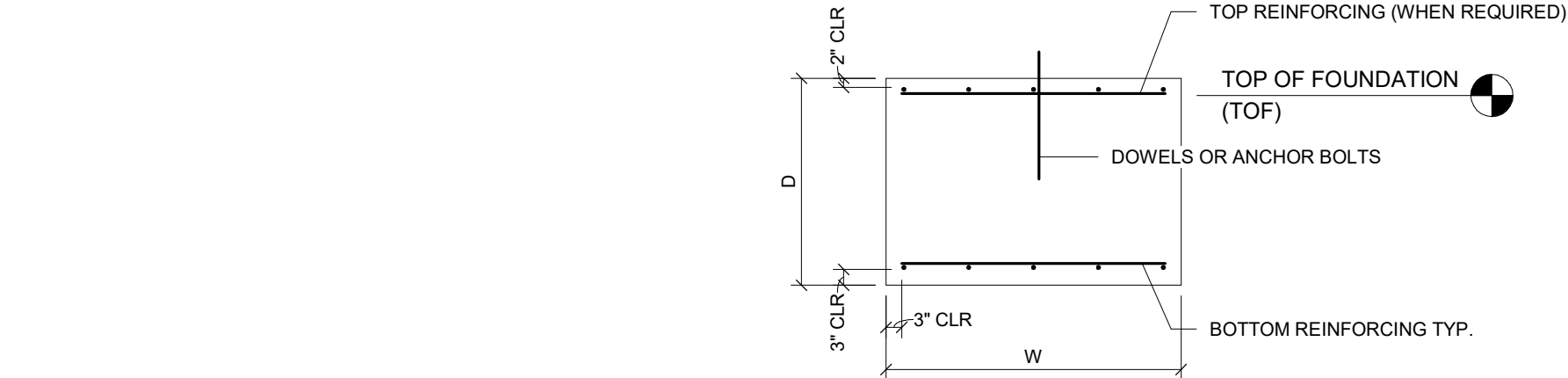
TYPICAL STRUCTURAL STOOP DETAIL



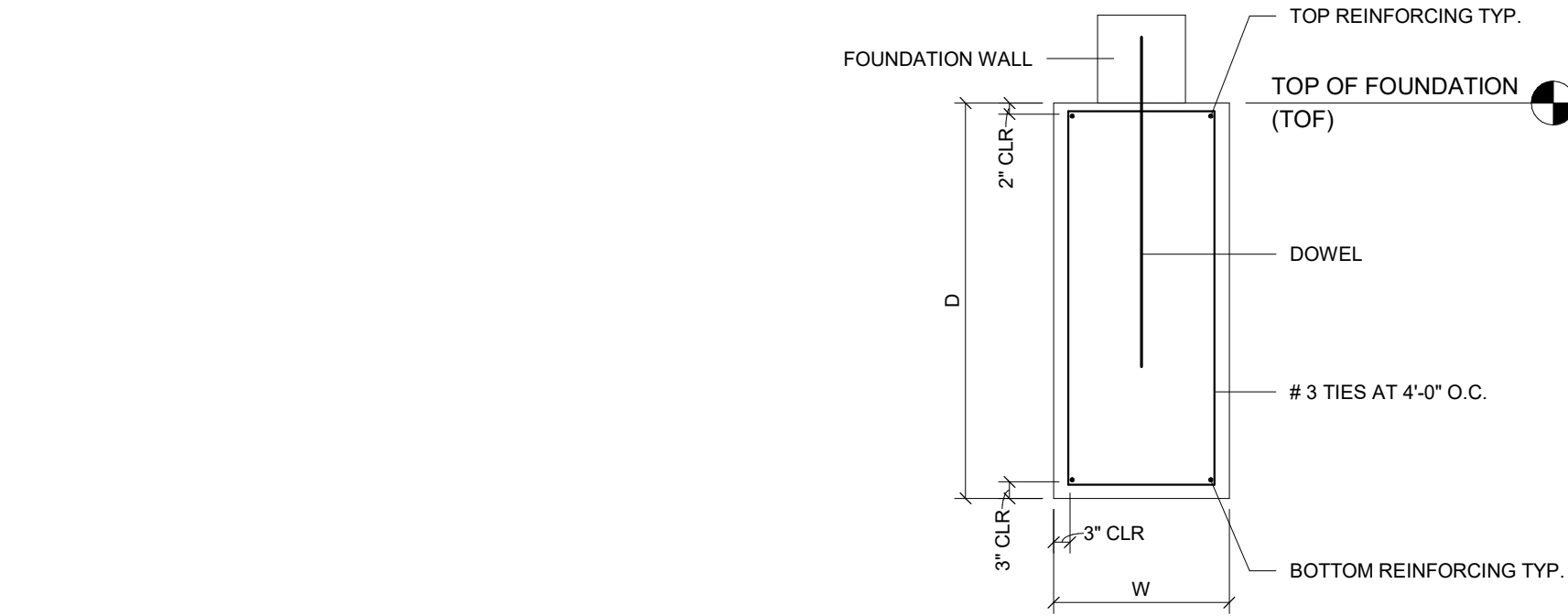
TYPICAL FOUNDATION DETAILS



SPREAD FOOTING SCHEDULE



CONTINUOUS FOOTING SCHEDULE



MARK	WIDTH	DEPTH	REINFORCING
CF-1	1' - 0"	3' - 0"	2 - #5 CONTINUOUS AT TOP & BOTTOM
CF-2	1' - 6"	3' - 0"	2 - #5 CONTINUOUS AT TOP & BOTTOM

GENERAL STRUCTURAL NOTES

- GENERAL CONTRACTOR'S RESPONSIBILITIES SHALL INCLUDE BUT ARE NOT LIMITED TO:
 - DETERMINING CONSTRUCTION PROCEDURE AND SEQUENCE.
 - PROVIDING SHORING, SHEETING, TEMPORARY BRACING, GUYS OR TIEDOWNS WHICH MIGHT BE NECESSARY TO INSURE THE SAFETY OF THE BUILDING AND ITS COMPONENT PARTS DURING CONSTRUCTION.
 - COORDINATE THE LOCATION OF LOADS, OPENINGS, AND STRUCTURE RELATED TO MECHANICAL EQUIPMENT.
 - * MECHANICAL LOADS, OPENINGS AND STRUCTURE RELATED TO MECHANICAL REQUIREMENTS SHOWN ARE FOR BIDDING PURPOSES ONLY.
 - * LOADS OR OPENINGS GREATER THAN THOSE SHOWN ON STRUCTURAL OR MECHANICAL DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER OF RECORD BEFORE PROCEEDING WITH WORK.
 - VERIFYING AND COORDINATING DIMENSIONS AND ELEVATIONS SHOWN ON THE CONTRACT DOCUMENTS. IF DISCREPANCIES OCCUR, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT BEFORE PROCEEDING WITH THE WORK.
 - TAKE PROPER PRECAUTIONS TO PROTECT SHALLOW FOOTINGS FROM FROST DURING COLD WEATHER CONSTRUCTION. REFER TO GEOTECHNICAL REPORT FOR MINIMUM FOOTING DEPTHS REQUIRED FOR FROST PROTECTION.
- IF CONFLICTING INFORMATION IS PRESENT IN THE CONSTRUCTION DOCUMENTS, THE STRICTEST PROVISIONS SHALL GOVERN.
- UNLESS NOTED OTHERWISE, REQUIREMENTS GIVEN FOR ONE OR MORE LOCATIONS SHALL APPLY AT OTHER LOCATIONS AT WHICH CONDITIONS ARE SIMILAR.

REINFORCED CONCRETE

- REFER TO DESIGN DATA FOR FURTHER INFORMATION.
- CONFORM TO ACI (AMERICAN CONCRETE INSTITUTE) STANDARDS AND RECOMMENDATIONS AS OUTLINED IN FIELD REFERENCE MANUAL, SP-15 PROVIDE AT LEAST ONE COPY OF THE ACI FIELD REFERENCE MANUAL, SP-15, IN THE FIELD OFFICE AT ALL TIMES.
- PROVIDE CONTROL JOINTS IN SLAB ON GRADE AS FOLLOWS:

8" THICK SLABS	24'-0" MAX. SPACING
6" THICK SLABS	18'-0" MAX. SPACING
5" THICK SLABS	15'-0" MAX. SPACING
4" THICK SLABS	12'-0" MAX. SPACING

ON ANY SIDE
- THE SECTIONS BOUNDED BY CONTROL OR CONSTRUCTION JOINTS SHALL BE APPROXIMATELY SQUARE, WITH THE LENGTH TO WIDTH RATIO LESS THAN 1 1/2 TO 1.
- PROVIDE DOWELS IN FOOTINGS TO MATCH SIZE AND SPACING OF VERTICAL WALL AND PIER REINFORCING.
- PROVIDE REINFORCING AT LOCATIONS AS SHOWN IN CIP CONCRETE STANDARD REINFORCING DETAILS.
- UNLESS NOTED OTHERWISE, ALL REINFORCING BAR SPLICES SHALL BE IN ACCORDANCE WITH THE TABLE SHOWN BELOW.

BAR SIZE	SPLICE LENGTH (IN INCHES)	
	NON TOP BAR	TOP BAR
#3	14	18
#4	19	24
#5	23	30
#6	30	40
#7	41	54
#8	55	71
#9	69	90
#10	88	114
#11	108	140

TOP BARS ARE HORIZONTAL REINFORCEMENT PLACED SO THAT MORE THAN 12" OF FRESH CONCRETE IS CAST IN THE MEMBER BELOW THE REINFORCEMENT.

- THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCEMENT:

	MIN. COVER IN INCHES
CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH	3
CONCRETE EXPOSED TO EARTH OR WEATHER: #6 THROUGH #18 BARS #5 BAR AND SMALLER	2
CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND: - SLABS AND JOIST: #11 BAR AND SMALLER	3/4
WALLS	1 1/2
BEAMS, COLUMN: - PRIMARY REINFORCEMENT, - TIES, STIRRUPS AND SPIRALS	1 1/2
- IF CAST-IN-PLACE WALLS ARE SHOWN ON THE DRAWINGS BUT THE REINFORCING IS NOT INDICATED, PROVIDE THE FOLLOWING STEEL IN CONCRETE WALLS.

THICKNESS	VERTICAL BARS	HORIZONTAL BARS
6"	#4 AT 18" O.C.	#4 AT 16" O.C.
8"	#4 AT 18" O.C.	#4 AT 12" O.C.
10"	#4 AT 16" O.C.	#4 AT 10" O.C.
12"	#4 AT 18" O.C.	#4 AT 16" O.C.
- PROVIDE 2 - #5 BARS AROUND ALL RECTANGULAR OPENINGS IN CAST-IN-PLACE WALLS. BARS SHALL EXTEND NO LESS THAN 24" BEYOND THE OPENING.

UTILITY TRENCHES BELOW FOOTINGS

BACKFILL SOILS FOR UTILITY TRENCHES BELOW FOOTINGS, FLOOR SLABS, AND PAVEMENTS ARE TO BE PLACED IN 6" LOOSE LIFTS WITH EACH LIFT COMPACTED WITH APPROPRIATE EQUIPMENT TO A MINIMUM OF 95 PERCENT OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D698, STANDARD PROCTOR MOISTURE DENSITY RELATIONSHIP. BACKFILL IN GRASSY AREAS SHOULD BE COMPACTED TO A MINIMUM OF 90 PERCENT OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D698, STANDARD PROCTOR MOISTURE DENSITY RELATIONSHIP.

GENERAL STRUCTURAL NOTES (Continued)

FLOOR SLAB SUBGRADE

THE SUBGRADE SHOULD RE REWORKED, MOISTURE CONDITIONED, AND RECOMPACTED IMMEDIATELY PRIOR TO CONCRETE PLACEMENT, AS A MINIMUM, PLACE 2'-0" OF STRUCTURAL FILL BELOW BUILDING FLOORS. OVER-EXCAVATED SUBGRADES ARE TO BE SCARIFIED, MOISTURE CONDITIONED, AND COMPACTED IN THE PRESENCE OF A GEOTECHNICAL ENGINEER. CORRECTIVE ACTION WILL NEED TO BE TAKEN WITH ANY UNSUITABLE OR UNSTABLE SOIL CONDITIONS IDENTIFIED AT THAT TIME.

FLOOR SLABS ARE TO BE COMPACTED TO A MINIMUM OF 95 PERCENT OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D698, STANDARD PROCTOR MOISTURE DENSITY RELATIONSHIP. MOISTURE CONTENT AT THE TIME OF COMPACTION SHOULD BE CONTROLLED BETWEEN +/- 3 PERCENT OF THE OPTIMUM MOISTURE CONTENT. IF A GRANULAR CUSHION IS USED BENEATH THE FLOOR SLAB, THIS LAYER SHOULD HAVE A UNIFORM THICKNESS AND BE COMPACTED BY VIBRATION PRIOR TO CONCRETE PLACEMENT.

DESIGN DATA

GOVERNING CODE: _____ 2018 INTERNATIONAL BUILDING CODE

SOILS REPORT:

A SOILS INVESTIGATION WAS PERFORMED BY: MID-STATE ENGINEERING & TESTING, PROJECT NO. 200-71-29 AFTER EXCAVATION TO DETERMINE IF THE RECOMMENDATIONS OF THE REPORT.

THE CONTRACTOR SHALL NOTIFY THE GEOTECHNICAL ENGINEER AFTER EXCAVATION TO DETERMINE IF THE CONDITIONS COMPLY WITH THE SOILS REPORT.

EXCAVATIONS SHALL BE TESTED BY AN APPROVED TESTING LABORATORY PRIOR TO PLACING CONCRETE.

ALLOWABLE NET SOIL BEARING PRESSURE _____ 2,000 PSF

DESIGN LOADS: (METAL BUILDINGS)

BUILDING CATEGORY _____ II

ROOF DEAD LOADS
GENERAL ROOF COLLATERAL _____ 5 PSF

LIVE LOADS
ROOF
GROUND SNOW (Pg) _____ 25 PSF
FLAT ROOF SNOW (Pf) _____ 20 PSF
SNOW EXPOSURE (Ce) _____ 1.0
THERMAL FACTOR (Ct) _____ 1.0
RAIN ON SNOW _____ ASCE 7 SECTION 7.10
UNBALANCED SNOW LOADS _____ ASCE 7 SECTION 7.6
DRIFTING SNOW _____ ASCE 7 SECTION 7.7
MECHANICAL UNITS _____ SEE FRAMING PLAN

WIND LOADS
SPEED _____ 111 M.P.H.
EXPOSURE _____ C

SEISMIC LOADS
SITE CLASSIFICATION - D
SEISMIC DESIGN CATEGORY - B
Ss = 0.079
S1 = 0.044

OTHER DESIGN CRITERIA
METAL BUILDING FRAME DRIFT LIMITS ALL LOCATIONS _____ h/200
METAL BUILDING GIRTS AND PURLINS ALL LOCATIONS _____ L/80

MATERIALS:

CONCRETE
28 DAY CONCRETE STRENGTHS (MINIMUM):
FOOTINGS _____ 4000 PSI
SLAB ON GRADE _____ 4000 PSI
C.I.P. _____ 4000 PSI
SUPPORTED FLOORS AND STOOPS _____ 4000 PSI
REINFORCING BARS _____ ASTM A615 GRADE 60
WELDED BARS AND ANCHORS _____ ASTM A706 GRADE 60
WELDED WIRE FABRIC (WWF) _____
SLABS ON GRADE < 6" THICK _____ 6x6-W1.4xW1.4 WWF

FASTENERS
ANCHOR RODS _____ ASTM F1554, GRADE 36
EXPANSION BOLTS _____ HILTI KWIK BOLT 3
OR APPROVED EQUIVALENT
ADHESIVE ANCHORS _____ HILTI HIT HY 150 MAX.
OR APPROVED EQUIVALENT
SCREW ANCHORS _____ HILTI HUS-H OR SIMPSON TITEN HD
SLEEVE ANCHORS _____ HILTI HLC OR APPROVED EQUIVALENT
FASTENERS IN CONTACT WITH TREATED WOOD _____ 304 OR 316
STAINLESS STEEL OR HOT DIP GALVANIZED OR APPROVED EQUIVALENT

SPECIAL INSPECTION

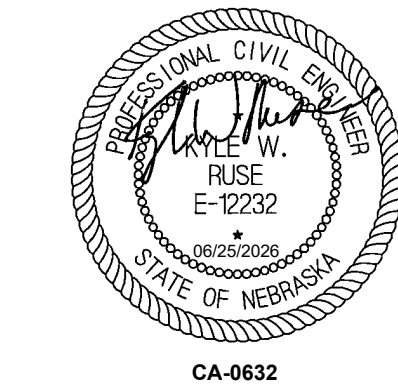
SPECIAL INSPECTION SHALL BE PERFORMED AS REQUIRED BY LOCAL BUILDING OFFICIAL, ACCORDING TO CHAPTER 17 OF IBC, AND AS DIRECTED BELOW:

CONCRETE CONSTRUCTION
TABLE 1705.3

REVISIONS SCHEDULE		
MARK	DATE	DESCRIPTION
1	07/27/2026	ADDENDUM 02

Mead TT CO HQ
Building 1270
775 COUNTY RD. J
YUTAN, NE 68073

PROJECT: 26016 DATE: 06/25/2026
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STRUCTURAL DESIGN
DATA, GENERAL NOTES,
SCHEDULES AND
STANDARD DETAILS

NORTH



S1.1

BVH

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