

PROPOSED PROPERTY MANAGEMENT OFFICE

400 WEST MAPLE STREET (US HWY RT. 30) NEW LENOX, ILLINOIS 60451

FOR: UNLIMITED MASONRY & CONSTRUCTION, INC.

SPECIFICATIONS

THE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO ILLUSTRATE AND DESCRIBE A COMPLETE JOB IN EVERY RESPECT. CONTRACTORS ARE CAUTIONED TO FAMILIARIZE THEMSELVES WITH EXISTING CONDITIONS ON THE PREMISES AS, AFTER CONTRACTS ARE SIGNED, NO EXTRAS WILL BE ALLOWED FOR ANY LABOR AND/OR MATERIALS NECESSARY TO COMPLETE THE WORK.

CONDITIONS

- 1-1 THE "GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION," AIA DOCUMENTS A-201, LATEST EDITION, ARE ADOPTED AS PART OF THE CONTRACT DOCUMENTS AND SHALL GOVERN ALL DIVISIONS AND SECTIONS OF THE SPECIFICATIONS AND THE WORK.
- 1-2 THE WORK, INCLUDING LABOR AND MATERIALS, SHALL COMPLY WITH THE FOLLOWING:
 - THESE DRAWINGS & SPECIFICATIONS
 - ALL APPLICABLE CODES, ORDINANCE AND REGULATIONS, STATE AND LOCAL,
 - MANUFACTURER'S SPECS, AND TRADE ASSOCIATION RECOMMENDATIONS,
 - INDUSTRY ACCEPTED ENGINEERING AND CONSTRUCTION PRACTICES.
- 1-3 DRAWINGS & SPECIFICATIONS ARE, AND SHALL BE, CONSIDERED AS COOPERATIVE AND CONSONANT. WORK MENTIONED OR INDICATED ON ONE AND NOT THE OTHERS SHALL BE INCLUDED COVERED BY BOTH. IN CASE OF OVERLAPPING OR CONFLICTING REQUIREMENTS, THE MOST STRINGENT (GENERALLY MOST COSTLY) APPLIES AND WILL BE ENFORCED. ONLY ITEMS DEFINITELY NOTED "NOT IN CONTRACT," "N.I.C.," "BY OTHERS," OR "BY OWNER", ARE NOT INCLUDED IN THE CONTRACT.
- 1-4 THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUPERINTENDENCE OF THE JOB AT ALL TIMES DURING CONSTRUCTION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CHECK ALL THE WORK OF ALL TRADES TO SEE THAT IT IS BEING PROVIDED IN STRICT ACCORDANCE WITH THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IF ANY DISCREPANCIES OCCUR IN ANY OF THE WORK.
- 1-5 THE CONTRACTOR SHALL SUBMIT A SWORN CONTRACTOR'S AFFIDAVIT INCLUDING THE NAMES OF ALL PARTIES FURNISHING MATERIALS AND LABOR, AND SHALL ALSO SUBMIT PARTIAL AND FINAL WAIVERS. SUB-CONTRACTORS SHALL SUBMIT PARTIAL WAIVERS OF LIEN, OR FINAL WAIVERS, IN AMOUNT AT LEAST EQUAL TO THE NET PAYOUT REQUEST.
- 1.6 THE CONTRACTOR SHALL PURCHASE INSURANCE PRODUCTS AS REQUIRED.
- 1-7 ON SITE VERIFICATION OF ALL DIMENSION & CONDITIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE DRAWINGS ARE REASONABLY ACCURATE FOR FIGURING PURPOSES ONLY. NOTIFY THE ARCHITECT OF ANY DISCREPANCIES OR QUESTIONS ARISING FROM JOB CONDITIONS OR THESE DRAWINGS
- 1-8 DO NOT SCALE DRAWINGS
- 1-9 COST OF WORK SHALL INCLUDE ALL SALES TAXES. CONTRACTOR SHALL PAY FOR PERMIT.
- 1-10 SUBSTITUTIONS AND EXTRAS ONLY FOR WORK APPROVED IN WRITING BY OWNER AND ARCHITECT.
- 1-11 THE OWNER WILL MAINTAIN A BUILDER'S RISK FIRE INSURANCE POLICY WITH EXTENDED COVERAGE PLUS VANDALISM AND MALICIOUS MISCHIEF COVERAGE.
- 1-12 CONTRACTOR SHALL REMOVE ALL DEBRIS AND LEAVE THE JOB BROOM CLEAN.
- 1-13 THE WORK SHALL BE GUARANTEED FOR ONE YEAR FROM COMPLETION AND APPROVAL DATE UNLESS NOTED OTHERWISE HEREIN.

ILLINOIS (2018 IAC) & ICC A117.1-2017

ACCESSIBILITY CODE NOTES

THIS PROJECT WILL COMPLY WITH ALL 2018 IAC REQUIREMENTS FOR NEW CONSTRUCTION

THIS PROJECT WILL ALSO COMPLY WITH ALL FEDERAL REQUIREMENTS UNDER ADAAG 4.1.3 - NEW CONSTRUCTION

ALL NEW DOORS LEADING TO REQUIRED ACCESSIBLE ROOMS AND SPACES SHALL BE A MIN. OF 3'-0" WIDE, HAVE LEVER OPERATED HARDWARE (OR EQUAL), HAVE A MAX. OPENING FORCE OF 5 LBF, AND FULLY COMPLY WITH IAC SECTION 404.

ALL NEW ENVIRONMENTAL CONTROLS AND OPERATING MECHANISMS WILL COMPLY WITH IAC SECTION 309 & ICC/ANSI A117.1, SECTIONS 308 & 309 (FRONT REACH BETWEEN 15" AND 48" A.F.F.).

ANY EMERGENCY WARNING ALARMS, WHERE PROVIDED, SHALL BE BOTH AUDIBLE AND VISUAL AND COMPLY WITH IAC SECTION 703. THE VISUAL ALARMS WILL BE FLASHING TYPE WHERE THE FLASHING IS SYNCHRONIZED AND IN COMPLIANCE FOR INTENSITY AND FREQUENCY.

ANY REQUIRED SIGNAGE IN CONTRACT SHALL BE INSTALLED AS REQUIRED PER IAC SECTION 703 & ICC A117.1

ONE TOILET ROOM SHALL BE FULLY ACCESSIBLE AND COMPLY WITH IAC CHAPTER 6

THERE IS AN ACCESSIBLE ENTRANCE PER IAC SECTION 206.

STATEMENT OF SPECIAL INSPECTIONS

1. THE GENERAL CONTRACTOR SHALL COORDINATE THE FIELD ACTIVITIES IN ORDER TO PERMIT THIRD PARTY INSPECTION / TESTING SERVICES ORGANIZATION TIMELY ACCESS TO THE CONSTRUCTION SITE IN ACCORDANCE WITH CHAPTER 17 OF THE INTERNATIONAL BUILDING CODE.
2. THE TESTING SERVICE, K & S ENGINEERS, 9715 KENNEDY AVENUE, HIGHLAND, IN., SHALL BE RETAINED BY THE CONTRACTOR TO PERFORM ALL INSPECTIONS AND TESTS REQUIRED, INCLUDING THE FOLLOWING:
 - A. FIELD TEST FOUNDATION SUBGRADES AND COMPACTED FILL LAYERS.
 - B. PERFORM CONCRETE COMPRESSION STRENGTH TESTS, SLUMP TESTS, AND REVIEW, CONCRETE MIX DESIGNS.
 - C. OBSERVE INSTALLATION OF CONCRETE FLOOR, FOOTINGS AND REINFORCING STEEL.
 - D. OBSERVE INSTALLATION OF STRUCTURAL STEEL COLUMNS, BEAMS, & JOISTS, VERIFYING COMPLIANCE w/ BOLTING AND WELDING REQUIREMENTS.
 - E. OBSERVE INSTALLATION OF MASONRY CONSTRUCTION.
3. COPIES OF REPORTS SHALL BE DISTRIBUTED AS FOLLOWS:
 - A. ONE (1) COPY TO THE ARCHITECT
 - B. ONE (1) COPY TO THE OWNER
 - C. ONE (1) COPY TO THE CONTRACTOR
 - D. TWO (2) COPIES TO THE BUILDING DEPARTMENT

GENERAL NOTES

1. THE "GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION," AIA DOCUMENT A-201, FOURTEENTH EDITION 1987, ARE ADOPTED AS PART OF THE CONTRACT DOCUMENTS AND SHALL GOVERN ALL DIVISIONS AND SECTIONS OF THE SPECIFICATIONS AND THE WORK.
2. THE CONTRACTOR SHALL INSPECT AND VERIFY ALL DIMENSIONS AND CONDITIONS OF THE SITE AND REPORT ANY DISCREPANCIES FROM THESE DRAWINGS TO THE ARCHITECT.
3. THE MEASUREMENTS ON THESE DRAWINGS ARE REASONABLY ACCURATE FOR THE PURPOSE OF FIGURING. HOWEVER, IN THE EXECUTION OF WORK ON THE JOB, EACH CONTRACTOR IS TO VERIFY ALL DIMENSIONS WITH ACTUAL CONDITIONS.
4. DO NOT SCALE DRAWINGS.
5. INTERIOR PARTITIONS SHALL BE CONSTRUCTED OF METAL STUDS SIZE AND SPACING NOTED ON DRAWINGS WITH 5/8" FIRE CODE "C" GYPSUM BOARD BOTH FACES OR CONCRETE BLOCK AS NOTED ON THE DRAWINGS.
6. ALL WALL DIMENSIONS SHOWN ON PLANS ARE NOMINAL DIMENSIONS UNLESS OTHERWISE NOTED.
7. PROVIDE HEADERS, BLOCKING AND/OR FRAMING AS REQUIRED FOR SUPPORT OF ALL ELECTRICAL FIXTURES, SHELVING, DUCT REGISTERS AND MILLWORK.
8. ALL INTERIOR FINISHES SHALL COMPLY WITH CLASS 2 FLAME SPREAD OF 26-75.
9. NOT USED.
10. ALL EXIT DOOR HARDWARE TO BE KEYLESS IN THE DIRECTION OF EGRESS.
11. PROVIDE CONTROL JOINTS IN DRYWALL FURRING SYSTEMS WHERE CONTROL JOINTS OCCUR IN THE EXTERIOR WALL, AND AT MAXIMUM 30 FEET ON CENTER IN BOTH DRYWALL PARTITIONS AND FURRING SYSTEMS.

ACCESSIBILITY NOTES

THE PROJECT SITE, BUILDING, ELEMENTS (ACCESSIBLE PATH, ENTRANCE, DOOR SWINGS, TOILET ROOMS ETC.) SHALL BE ACCESSIBLE TO PERSONS WITH DISABILITIES IN ACCORDANCE w/ ICC/ANSI A117.1-2003

ENERGY CODE COMPLIANCE

THE PROJECT IS TO CONFORM WITH THE REQUIREMENTS OF THE LISTED ENERGY CODE. CONTRACTOR IS TO REVIEW THE STANDARDS AND SPECIFICATIONS WITHIN THE APPROVED COMCHECK AND COMPLY WITH ALL REQUIREMENTS

ARCHITECT /PLUMBING/STRUCL DESIGN

KMA & ASSOCIATES, ARCHITECTS
2205 LAKESIDE DRIVE
BANNOCKBURN, ILLINOIS 60015-1265
(847) 945-6869
PRINCIPAL DESIGN PROFESSIONAL - ERIC L. SMITH
ESMITH@KMAARCH.COM

CIVIL ENGINEER/LANDSCAPE DESIGN

THE WILL GROUP ENGINEERING
129 CAPISTA DRIVE
SHOREWOOD, ILLINOIS 60404
(815) 744-6800
PRINCIPAL DESIGN PROFESSIONAL - JOSEPH P. HAMMER, P.E.
JHAMMER@THEWILLGROUP.COM

NOTE: SEE THE WILL GROUP ENGINEERING DRAWINGS IN THIS SET (FOR REFERENCE ONLY). ALWAYS CONFIRM WITH JOSEPH P. HAMMER, BEFORE PROCEEDING w/ WORK, THE LATEST REVISION DATE OF SAID CIVIL ENGINEERING DRAWINGS.

MECHANICAL ENGINEER

MILLIES ENGINEERING GROUP
9711 VALPARAISO DRIVE
MUNSTER, INDIANA 46321
(219) 924-8400 / (708) 474-0104
PRINCIPAL DESIGN PROFESSIONAL - RONALD LEE MILLIES JR., PE
ILLINOIS PROFESSIONAL ENGR. FIRM: #062-042210

ELECTRICAL DESIGN ENGINEER

K-ZOR ELECTRIC, INC.
21810 S. CENTER AVENUE
NEW LENOX, ILLINOIS 60451
(312) 315-4301
PRINCIPAL DESIGN PROFESSIONAL - BRIAN KACZOR, P.E.
BRIAN@K-ZORELECTRIC.COM

LANDSCAPE DESIGN

J. DAVITO LANDSCAPE ARCHITECTURAL DESIGN INC.
2735 KINGSTON DRIVE
ISLAND LAKE, ILLINOIS 60042
(847) 469 8797
PRINCIPAL DESIGN PROFESSIONAL - JOSEPH D. DAVITO
JOE@JDAVITODESIGN.COM

PROJECT DATA

BUILDING INFORMATION

2018 INTERNATIONAL BUILDING CODE
2018 INTERNATIONAL MECHANICAL CODE
2017 NATIONAL ELECTRICAL CODE
2014 ILLINOIS STATE PLUMBING CODE
2018 ILLINOIS ACCESSIBILITY CODE
2018 INTERNATIONAL PROPERTY MAINTENANCE CODE
2018 INTERNATIONAL FUEL GAS CODE
2018 INTERNATIONAL FIRE CODE
2021 INTERNATIONAL ENERGY CONSERVATION CODE
w/ STATE OF ILLINOIS AMENDMENTS EFFECTIVE JULY 1, 2019
AMENDMENTS TO 2018 ILLINOIS ENERGY CONSERVATION CODE
*LOCAL VILLAGE CODE AMENDMENTS

USE GROUP:
CODE ENFORCEMENT:
BUILDING DATA:
CONSTRUCTION TYPE:

B (BUSINESS)
VILLAGE OF NEW LENOX
OCCUPANCY TYPE: B (BUSINESS)
SB COMBUSTIBLE - UNPROTECTED
BUILDING IS NOT SPRINKLERED

ALLOWABLE AREA PER SECTIONS 503 & 506 AND TABLE 503:
ALLOWABLE AREA LIMITATIONS 6,000 S.F.
AREA INCREASE DUE TO OPEN PERIMETER 50%
($<244/244> - .25$) x $29.2/30 = 73\%$ AREA INCREASE DUE TO OPEN PERIMETER
 $6,000 \text{ s.f.} \times .73 = 4,380$ ALLOWED AREA INCREASE
TOTAL ALLOWABLE AREA 4,380 S.F.
ACTUAL AREA: 3,686 S.F.

ALLOWABLE HEIGHT PER SECTION 503, 504 & 506 AND TABLE 503:

ALLOWABLE HEIGHT: +40'-0"
ACTUAL HEIGHT: $\pm 28'-6"$

BUILDING VOLUME: 58,976 C.F.

OCCUPANCY LOAD PER TABLE 1004.1.2
*TENANT BUILD-OUT DRAWINGS TO PROVIDE EXACT OCCUPANCY LOAD

ZONING INFORMATION

ZONED: C-3 GENERAL BUSINESS DISTRICT

SITE INFORMATION

GROSS LAND AREA: ± 52.274 S.F. (1.20 ACRES)
BUILDING AREA: $\pm 3,686$ S.F.

PARKING REQUIRED (1/250 BUSINESS/PROFESSIONAL OFFICE): 15 SPACES
PARKING PROVIDED: 52 SPACES

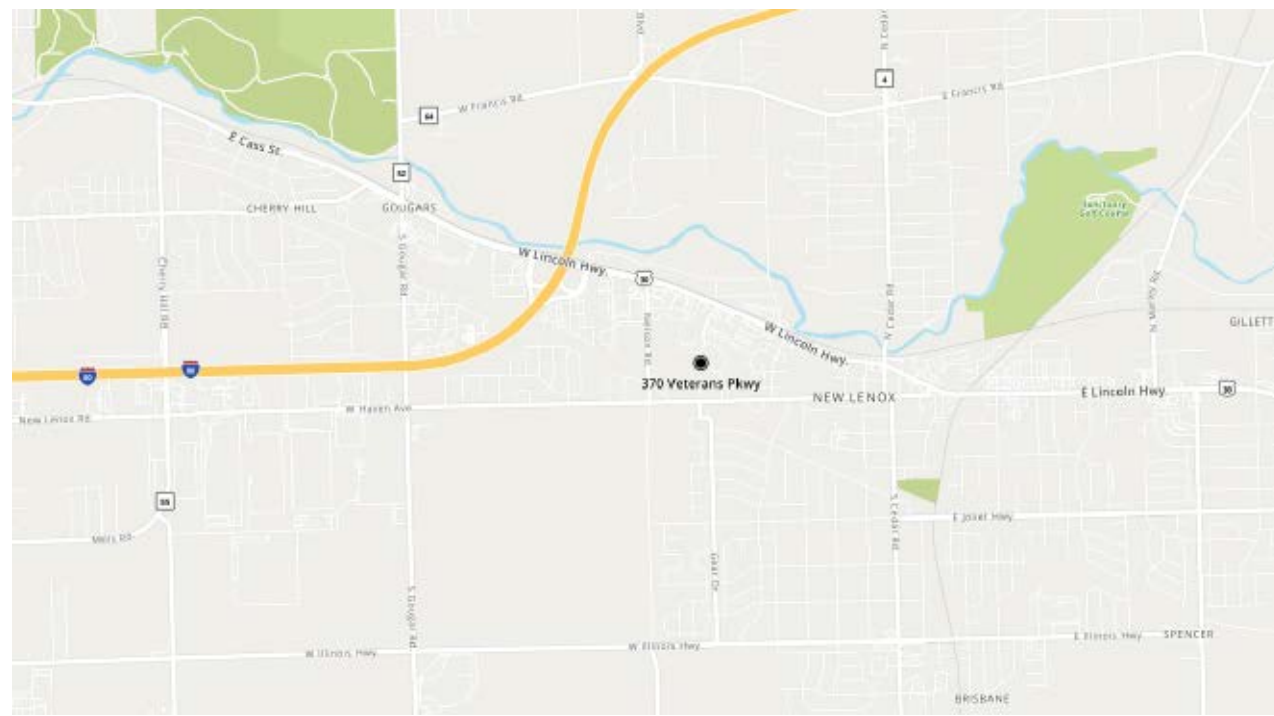
OFF-STREET LOADING REQUIRED: 1
OFF-STREET LOADING AVAILABLE: 1

FIRE DEPARTMENT NOTES:

1. PERMITS SHALL BE OBTAINED FROM THE VILLAGE OF NEW LENOX FIRE DEPARTMENT FOR THE REQUIRED FIRE ALARM SYSTEM.
2. MINIMUM 4A60BC FIRE EXTINGUISHERS SHALL BE INSTALLED IN ACCORDANCE w/ NFPA 10, PROPERLY TAGGED AND MOUNTED, PER IFC 906. FINAL LOCATIONS TO BE VERIFIED WITH FIRE DEPT.
3. THE BUILDING OWNER SHALL PROVIDE A KNOX KEY LOCK BOX MOUNTED NOT HIGHER THAN 5'-0" A.F.F. FOR FIRE DEPT. ACCESS. FINAL LOCATION AND QUANTITY AS DIRECTED BY VILLAGE OF NEW LENOX FIRE DEPARTMENT. THE OWNER SHALL ALSO PROVIDE A NEW KEY AND NOTIFY THE FIRE DEPT. WHEN A LOCK IS CHANGED OR RE-KEYED. SEE SHEET A1 FOR ADD'L INFO.

CONTRACTOR RESPONSIBILITY NOTES

1. PLUMBING CONTRACTOR IS RESPONSIBLE FOR GAS PIPING. SEE MECHANICAL DRAWINGS.
2. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING TEMPORARY POWER.
3. CONCRETE CONTRACTOR IS RESPONSIBLE FOR LIGHT POLE BASES.
4. SIGNAGE CONTRACTOR IS RESPONSIBLE FOR PYLON/GROUND SIGN FOUNDATION.



LOCATION MAP

SCALE: NO SCALE

INDEX TO DRAWINGS

NO.	DATE	SHEET NO.	DESCRIPTION
1	9/21/2026	T1	PROJECT DATA, DRAWING INDEX, NOTES & SPECIFICATIONS
CIVIL LANDSCAPE SHEETS FOR SEPARATE PERMIT SUBMISSION. INCLUDED FOR REFERENCE ONLY. ALWAYS CONFIRM LATEST DRAWINGS W/ CIVIL ENGRS.		C1	COVER SHEET
		C2	EXISTING TOPOGRAPHY SURVEY
		C3	DEMOLITION PLAN
		C4	GEOMETRIC PLAN
		C5	GRADING PLAN
		C6	UTILITY PLAN
		C7	STORM WATER POLLUTION PREVENTION PLAN
		C8	SOILS EROSION & SEDIMENT CONTROL
		C9	CONSTRUCTION SPECIFICATIONS
		C10	STORM TRAPS DETAIL
		C11	STORM TRAPS DETAIL
		C12	CONSTRUCTION DETAILS
		C13	CONSTRUCTION DETAILS
		C14	DRAINAGE EXHIBIT
		L1.0	LANDSCAPE PLAN
		L2.0	LANDSCAPE SPECIFICATIONS
1	9/21/2026	A0	SITE PLAN, DETAILS & NOTES
1	9/21/2026	A0.1	GROUND SIGN DETAIL
1	9/21/2026	A1.0	FLOOR PLAN & NOTES
1	9/21/2026	A1.1	FLOOR PLAN DETAILS
1	9/21/2026	A2	REFLECTED CEILING PLAN (FUTURE)
1	9/21/2026	A3	EXTERIOR ELEVATIONS, EXTERIOR FINISH LIST, SPECIFICATIONS
		A4.0	MASONRY NOTES, DETAILS
		A4.1	WALL SECTIONS
		A4.2	WALL SECTIONS
		A5	WALL SECTIONS DETAILS
		A5	ROOF PLAN, DOOR FINISH SCHEDULE, WALL TYPES, DETAILS
1	9/21/2026	S1.0	FOUNDATION PLAN, NOTES
1	9/21/2026	S1.1	FOUNDATION DETAILS
1	9/21/2026	S2.0	ROOF FRAMING PLAN, COLUMN SCHEDULE, NOTES
1	9/21/2026	S2.1	STRUCTURAL NOTES, DETAILS
1	9/21/2026	M1.0	MECHANICAL HVAC PLAN
1	9/21/2026	M2.0	MECHANICAL DETAILS & SPECIFICATIONS
1	9/21/2026	P1	PLUMBING PLAN, DIAGRAMS, SCHEDULE, DETAILS, NOTES
1	9/21/2026	E0	SITE PHOTOMETRIC PLAN
1	9/21/2026	E1.0	POWER AND LIGHTING PLAN
1	9/21/2026	E2.0	SITE ELECTRICAL PLAN
1	9/21/2026	E3.0	ELECTRICAL RISER DIAGRAM AND SCHEDULE

CERTIFICATION STATEMENT

THIS IS TO CERTIFY THAT I AM A LICENSED ARCHITECT IN THE STATE OF ILLINOIS AND THAT THESE DRAWINGS WERE PREPARED UNDER MY PERSONAL SUPERVISION AND TO THE BEST OF MY KNOWLEDGE CONFORM TO ALL VILLAGE OF NEW LENOX BUILDING AND ZONING REGULATIONS

Signed *Eric L. Smith* Date 9/21/2026

KMA & ASSOCIATES, ARCHITECTS

Illinois Registration Number: 001-016154

I HAVE PREPARED, OR CAUSED TO BE PREPARED UNDER MY DIRECT SUPERVISION, THE ATTACHED PLANS AND SPECIFICATIONS AND STATE THAT, TO THE BEST OF MY KNOWLEDGE AND BELIEF AND TO THE EXTENT OF MY CONTRACTUAL OBLIGATIONS, THEY ARE IN COMPLIANCE WITH THE ENVIRONMENTAL BARRIERS ACT (410 ILCS 25) AND THE ILLINOIS ACCESSIBILITY CODE (71 ILLINOIS ADMINISTRATIVE CODE 400)

Eric L. Smith
LICENSED ARCHITECT
ERIC L. SMITH
001-016154
STATE OF ILLINOIS
EXPIRES 11-30-26

PROPOSED
PROPERTY MANAGEMENT OFFICE
400 WEST MAPLE STREET, NEW LENOX, ILLINOIS 60451
FOR: UNLIMITED MASONRY AND CONSTRUCTION, INC.

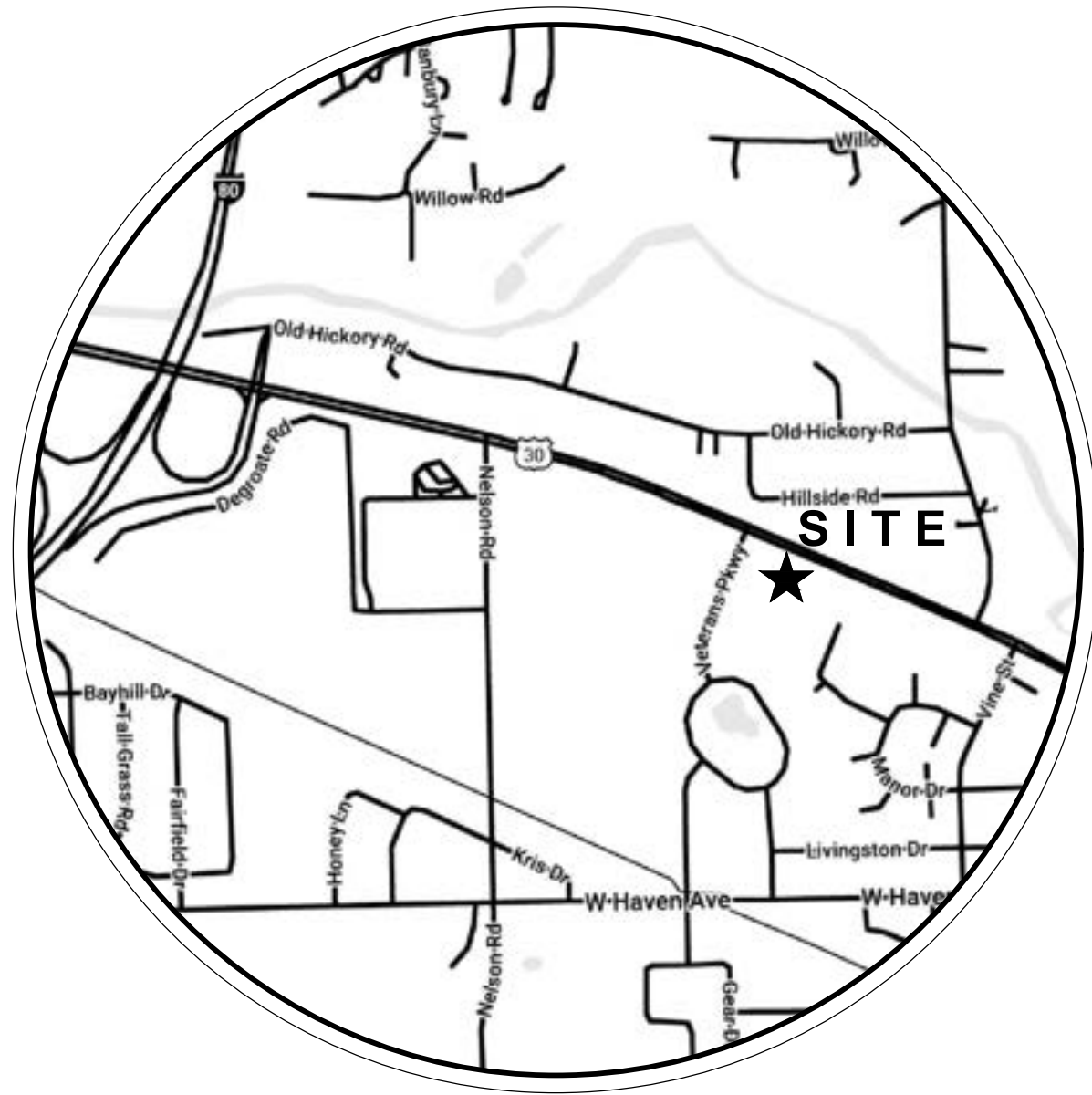
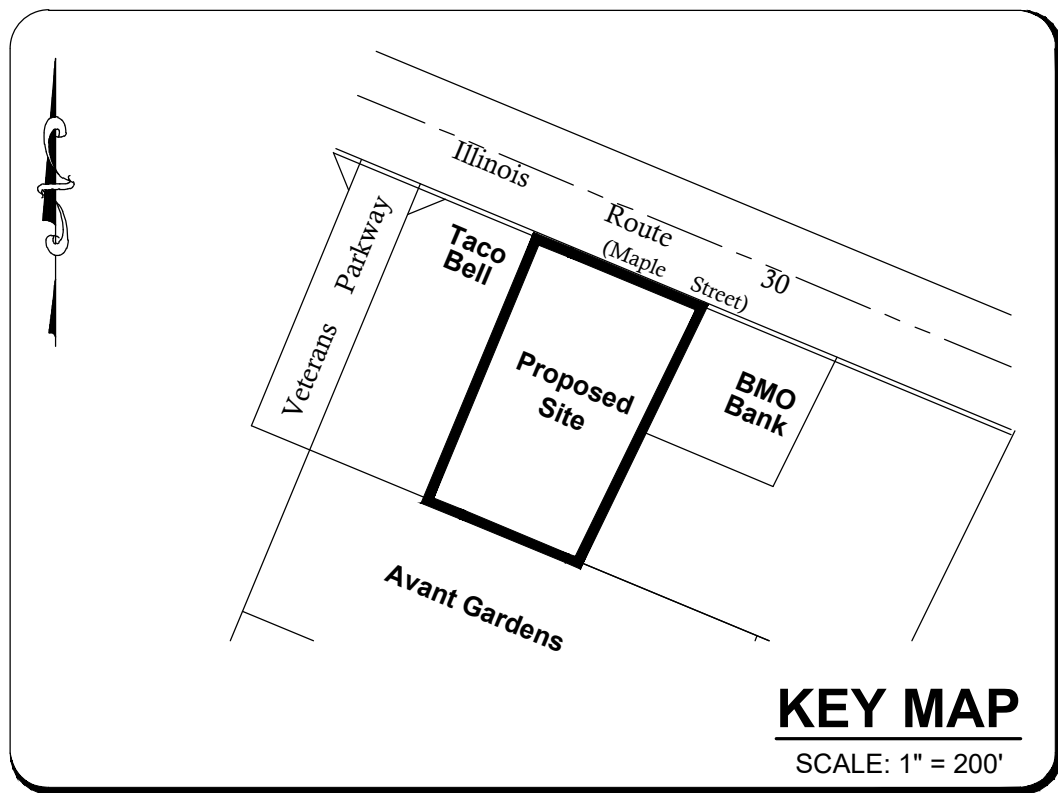
SHEET TITLE
GENERAL NOTES
SPECIFICATIONS
BARRIERS ACT
DRAWING INDEX

2511

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1

Improvement Plans for 400 W MAPLE ST

Village of New Lenox
Will County, Illinois



SITE LOCATION MAP
NOT TO SCALE

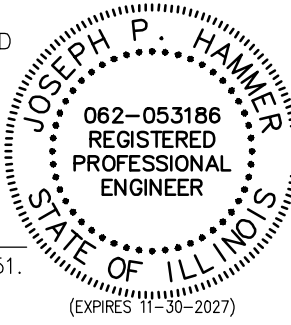
INDEX OF ENGINEERING SHEETS

SHEET No.	DESCRIPTION
C0.00	COVER SHEET
C1.00	EXISTING CONDITIONS
C2.00	DEMOLITION PLAN
C3.00	PROPOSED SITE UTILITY PLAN
C3.01	PROFILE OF PROPOSED SANITARY SEWER SERVICE
C4.00	PROPOSED SITE GRADING PLAN
C4.01	ILLINOIS ROUTE 30 CROSS-SECTIONS (1 OF 2)
C4.02	ILLINOIS ROUTE 30 CROSS-SECTIONS (2 OF 2)
C5.00	PROPOSED SITE GEOMETRY PLAN
C6.00	EROSION CONTROL PLAN
C6.01	EROSION CONTROL NOTES AND DETAILS
C7.01	GENERAL NOTES AND CONSTRUCTION DETAILS (1 OF 2)
C7.02	CONSTRUCTION DETAILS (2 OF 2)

TO THE BEST OF OUR KNOWLEDGE AND BELIEF THE DRAINAGE OF SURFACE WATERS WILL NOT BE CHANGED BY THE CONSTRUCTION OF SUCH SUBDIVISION OR ANY PART THEREOF, OR, THAT IF SUCH SURFACE WATER DRAINAGE WILL BE CHANGED, REASONABLE PROVISIONS HAVE BEEN MADE FOR THE COLLECTION AND DISCHARGE OF SURFACE WATERS INTO PUBLIC OR PRIVATE AREAS AND/OR DRAINS WHICH THE SUBDIVIDER HAS A RIGHT TO USE AND THAT SUCH SURFACE WATERS WILL BE PLANNED FOR IN ACCORDANCE WITH GENERALLY ACCEPTED ENGINEERING PRACTICES SO AS TO REDUCE THE LIKELIHOOD OF SUBSTANTIVE DAMAGE TO THE ADJOINING PROPERTY BECAUSE OF THE CONSTRUCTION OF THE SUBDIVISION.

DATED THIS 14th DAY OF SEPTEMBER, A.D., 2026.

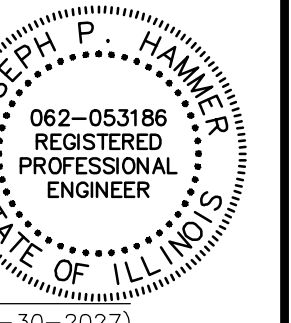
ENGINEER - J. P. HAMMER, IL P.E. No. 062-053186 (EXPIRES 11-30-2027)



I, JOSEPH P. HAMMER, A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF ILLINOIS, HEREBY CERTIFY THAT THESE IMPROVEMENT PLANS HAVE BEEN PREPARED UNDER MY SUPERVISION BY TWIG TECHNOLOGIES, LLC, ILLINOIS PROFESSIONAL DESIGN FIRM No. 184-001251.

DATED THIS 14th DAY OF SEPTEMBER, A.D., 2026.

JOSEPH P. HAMMER, IL P.E. No. 062-053186 (EXPIRES 11-30-2027)



SITE BENCHMARK (B): SOUTHERLY 80° OF THE HYDRANT LOCATED ON THE SOUTH SIDE OF ILLINOIS ROUTE 30 AND APPROXIMATELY 80' WESTERLY OF THE NORTHEAST CORNER OF THE SUBJECT PARCEL. ELEVATION = 632.57.

NOTES:

1.) PROPERTY LINE GEOMETRY AND EASEMENTS DEPICTED ON THE IMPROVEMENT PLANS DO NOT NECESSARILY REPRESENT THE FINAL GEOMETRY AND EASEMENTS SHOWN ON THE MOST RECENT PLAT OF SUBDIVISION. REFER TO THE PLAT OF SUBDIVISION FOR THIS INFORMATION.

2.) DUE TO THE UNCERTAINTY OF SEASONAL GROUND WATER TABLES AND THE GEOPHYSICAL CONDITIONS AFFECTING GROUND WATER MOVEMENT, RUETTIGER, TONELLI & ASSOCIATES TAKES NO RESPONSIBILITY FOR THE MANAGEMENT OF GROUND WATER ASSOCIATED WITH SUB-GRADE CONSTRUCTION. BASEMENTS OR OTHER LIKE FACILITIES CONSTRUCTED BELOW THE FINISHED SURFACE GRADE OF THE PROPERTY ARE AT THE RISK OF THE BUILDER/OWNER.

LAND SURVEYOR / ENGINEER:

THE WILL GROUP ENGINEERING
129 CAPISTA DRIVE
SHOREWOOD, ILLINOIS 60404
Ph. (815) 744-6600

OWNER / DEVELOPER:

UNLIMITED MASONRY & CONSTRUCTION
100 ELWOOD ROAD
MANHATTAN, ILLINOIS 60442
BRANDON CALDWELL
Ph. (708) 534-9656 x1



REVISIONS					
No.	DATE	DESCRIPTION	BY	No.	DATE

DOCUMENTATION:		
PROJECT No.:	20230273.00	
DATE OF ORIGIN:	5-08-2025	
FIELD BOOK:	8-79	
PAGE NUMBER:	54	
DRAWN BY:	R.P. / K.R.	
CHECKED BY:	J.H.	

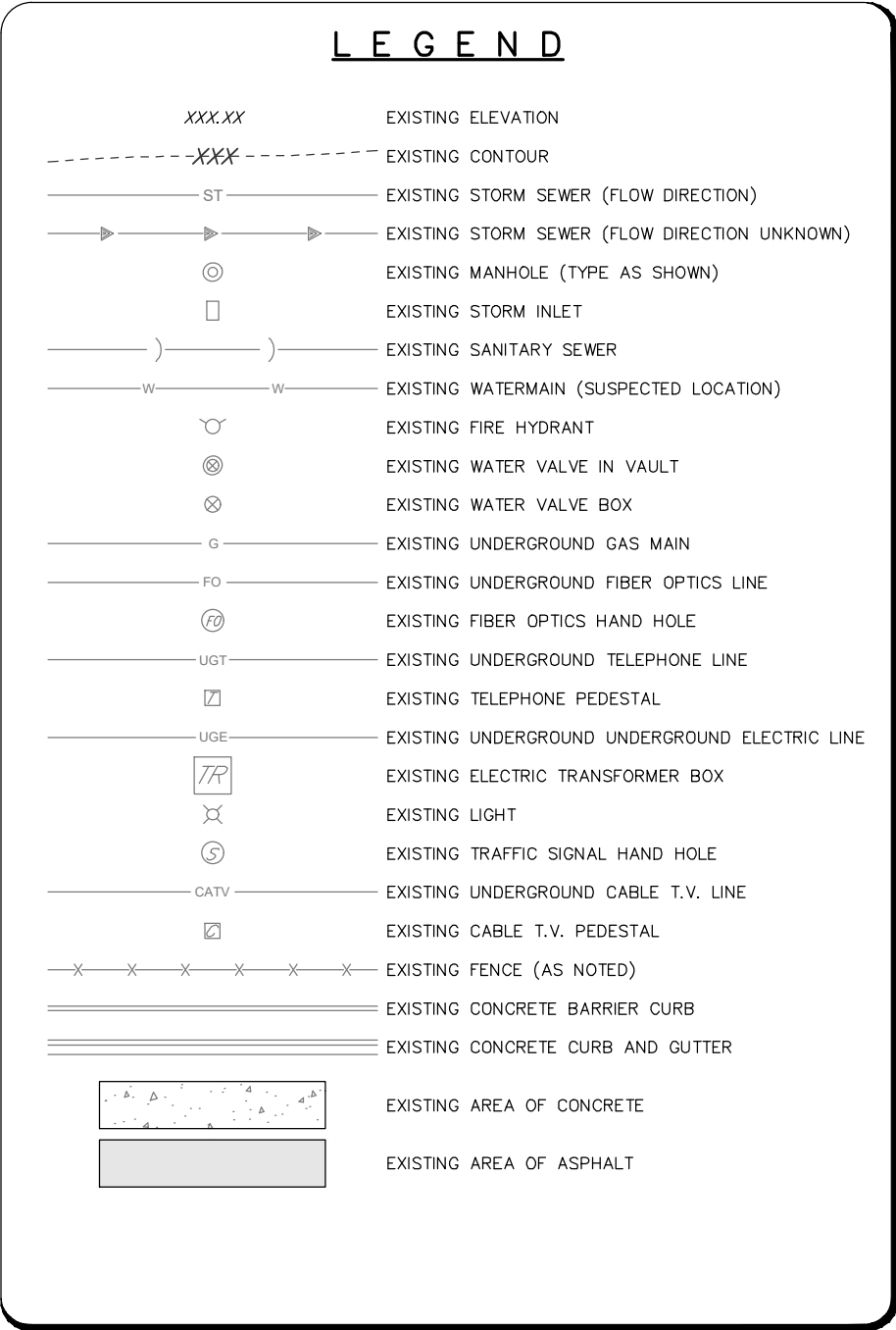


Main Address: 129 Capista Drive, Shorewood, IL 60404 | Phone: 815-744-6600
Invoicing: 401 S. Carlton Avenue, Wheaton, IL 60187 | www.thewillgroup.com

PROJECT TITLE:
**PROPOSED IMPROVEMENT
400 W. MAPLE STREET
NEW LENOX, ILLINOIS 60451**

DRAWING TITLE:
COVER SHEET

DRAWING No.
323-0273-C1
SCALE:
AS NOTED
SHEET
C0.00



- 1.) EXISTING UTILITIES DEPICTED HEREON ARE BASED ON FIELD LOCATIONS OF J.U.I.E. MARKINGS, ABOVE GROUND EVIDENCE AND PROVIDED COMPANY UTILITY MAPS AS NOTED AT THE TIME OF THIS SURVEY. CONTACT J.U.I.E. PRIOR TO ANY CONSTRUCTION. EXISTING UTILITIES ENCOUNTERED DURING CONSTRUCTION ARE TO BE PROTECTED, RELOCATED OR REMOVED BASED ON MUNICIPAL AND UTILITY COMPANY GUIDELINES. COORDINATE WITH APPROPRIATE GOVERNING ENTITIES.
- 2.) CONTRACTOR SHALL OBTAIN I.D.O.T. PERMIT TO WORK WITHIN ROUTE 30 (MAPLE STREET) RIGHT-OF-WAY.

 **Call
Before
You Dig**

JULIE

**ILLINOIS
ONE-CALL SYSTEM**

CONTACT JULIE at 811 or 800-892-0123
48 Hours (2 Working Days) BEFORE YOU DIG.

Include the following:

County, City/Township, Section & ¼ Section No.

THE WILL GROUP
ENGINEERING

Main Address: 129 Capista Drive, Shorewood, IL 60404 | Phone: 815-744-6600
Invoicing: 401 S. Carlton Avenue, Wheaton, IL 60187 | www.thewillgroup.com

DRAWING TITLE:

EXISTING CONDITIONS

DRAWING No.
323-0273-C1

SCALE:
AS NOTED

SHEET C1.00

GRAPHIC SCALE
(IN FEET)
1 inch = 20 ft

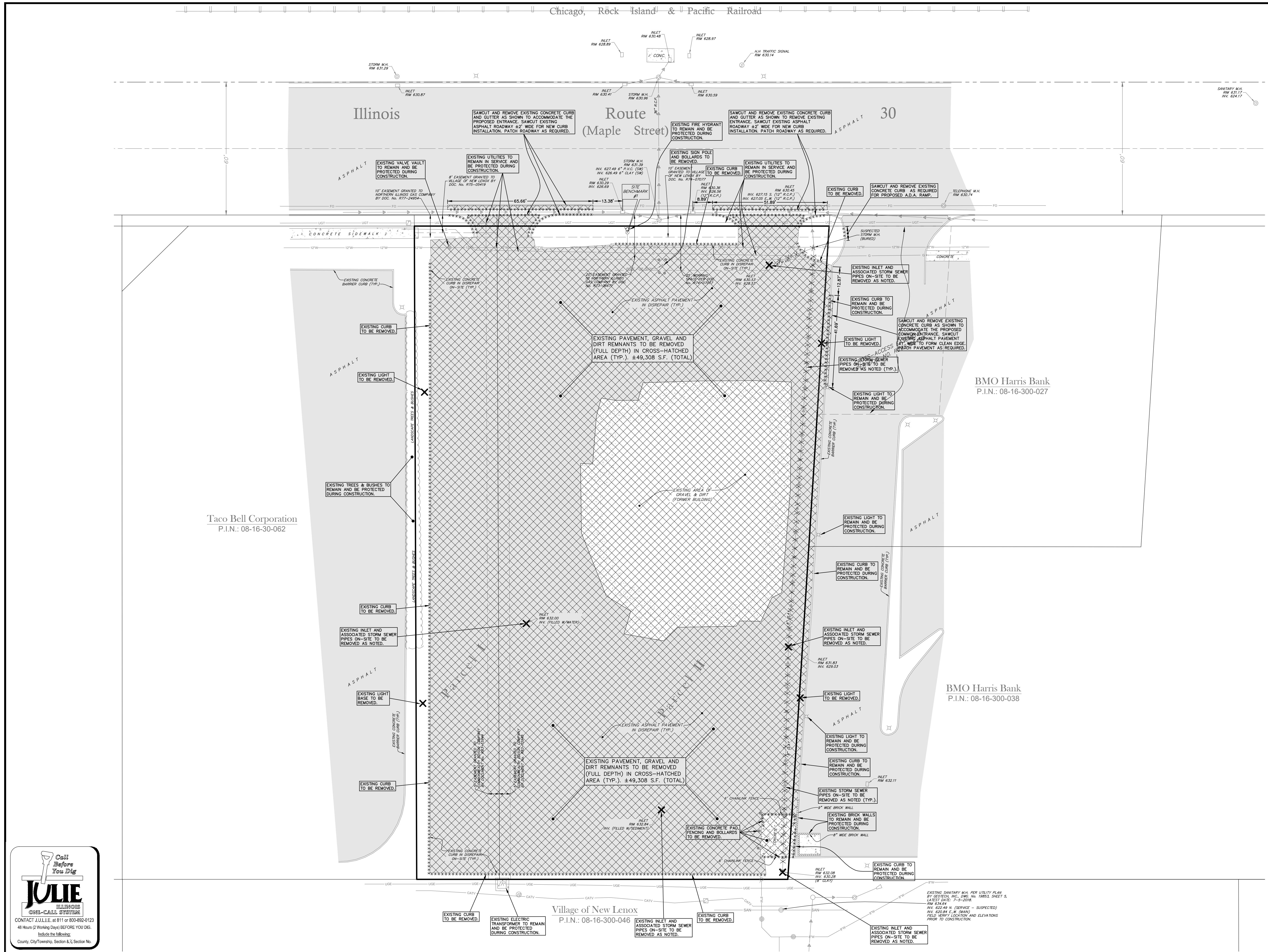
LEGEND

XXXXXX EXISTING ELEVATION
ST EXISTING STORM SEWER (FLOW DIRECTION)
ST EXISTING STORM SEWER (FLOW DIRECTION UNKNOWN)
⊙ EXISTING MANHOLE (TYPE AS SHOWN)
□ EXISTING STORM INLET
— EXISTING SANITARY SEWER
— EXISTING WATERMAIN (SUSPECTED LOCATION)
⊙ EXISTING FIRE HYDRANT
⊙ EXISTING WATER VALVE IN VAULT
⊙ EXISTING WATER VALVE BOX
— EXISTING UNDERGROUND GAS MAIN
— EXISTING UNDERGROUND FIBER OPTICS LINE
— EXISTING FIBER OPTICS HAND HOLE
— EXISTING UNDERGROUND TELEPHONE LINE
— EXISTING TELEPHONE PEDESTAL
— EXISTING UNDERGROUND UNDERGROUND ELECTRIC LINE
— EXISTING ELECTRIC TRANSFORMER BOX
— EXISTING LIGHT
⊙ EXISTING TRAFFIC SIGNAL HAND HOLE
— EXISTING UNDERGROUND CABLE T.V. LINE
— EXISTING CABLE T.V. PEDESTAL
— EXISTING FENCE (AS NOTED)
— EXISTING CONCRETE BARRIER CURB
— EXISTING CONCRETE CURB AND GUTTER

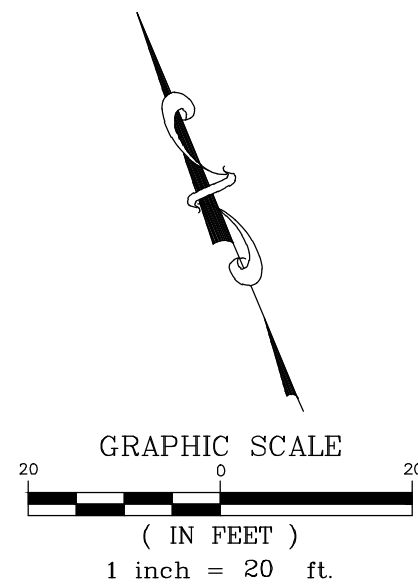
EXISTING AREA OF CONCRETE
EXISTING AREA OF ASPHALT
EXISTING AREA OF ITEM TO BE REMOVED AS NOTED
XXXXXXXXXXXXXXXXXXXXX ITEM TO BE REMOVED AS NOTED
X ITEM TO BE REMOVED AS NOTED

- DEMOLITION PLAN NOTES:**
1. CONTRACTOR TO VERIFY ALL QUANTITIES NOTED ON PLANS AND INCLUDE AS PART OF BID.
 2. SAWCUT ALL PAVEMENT, CURB AND SIDEWALK JOINTS.
 3. FIELD VERIFY LOCATION OF EXISTING UTILITIES. PROVIDE ADEQUATE PROTECTION OF UTILITIES TO REMAIN IN USE AND USE MUNICIPAL AND UTILITY COMPANY GUIDELINES FOR UTILITIES TO BE RELOCATED OR REMOVED. COORDINATE WITH APPROPRIATE GOVERNING ENTITIES AND THE CONSTRUCTION MANAGER.
 4. ALL MATERIAL NOTED AS "TO BE REMOVED" SHALL BE DISPOSED OF PROPERLY OFF-SITE INCLUDING TREES, STUMPS, ROOTS AND SHRUBS UNLESS OTHERWISE NOTED.
 5. EXISTING ROADWAY SHALL REMAIN CLEAR AND FREE OF ANY DEBRIS.
 6. ALL CONSTRUCTION VEHICLES AND CONSTRUCTION SUPPLY VEHICLES ARE PROHIBITED FROM PARKING ON U.S. ROUTE 30 AT ANY TIME.
 7. CONTRACTOR/DEVELOPER SHALL ATTAIN I.D.O.T. PERMIT TO WORK WITHIN RIGHT-OF-WAY.

SITE BENCHMARK #1:
SOUTHERLY BOLT OF FIRE HYDRANT LOCATED ON THE SOUTH SIDE OF ILLINOIS ROUTE 30 AND APPROXIMATELY 80' WESTERLY OF THE NORTHEAST CORNER OF THE SUBJECT PARCEL. ELEVATION = 632.57.



REVISIONS								DOCUMENTATION:		PROJECT TITLE:  PROPOSED IMPROVEMENT 400 W. MAPLE STREET NEW LENOX, ILLINOIS 60451				DRAWING TITLE: DEMOLITION PLAN				DRAWING No. 323-0273-C1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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Taco Bell Corporation
P.I.N.: 08-16-30-062BMO Harris Bank
P.I.N.: 08-16-300-027BMO Harris Bank
P.I.N.: 08-16-300-038Village of New Lenox
P.I.N.: 08-16-300-046

PROPOSED UTILITY NOTES:

- 1.) FIELD VERIFY LOCATION OF EXISTING UTILITIES. PROVIDE ADEQUATE PROTECTION OF UTILITIES TO REMAIN IN USE AND USE MUNICIPAL AND UTILITY COMPANY GUIDELINES FOR UTILITIES TO BE RELOCATED OR REMOVED. COORDINATE WITH APPROPRIATE GOVERNING ENTITIES AND THE CONSTRUCTION MANAGER.
- 2.) ANY DRAIN TILE LOCATED DURING CONSTRUCTION SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER AND ENGINEER.
- 3.) PROPOSED FULL DEPTH TRENCH BACKFILL IS REQUIRED UNDER AND WITHIN 2 FEET HORIZONTALLY OF ALL EXISTING OR PROPOSED PAVEMENTS, SIDEWALKS, CURB & GUTTER OR DRIVEWAYS.
- 4.) REFER TO PROPOSED SITE PHOTOMETRIC PLANS BY ELECTRICAL CONTRACTOR FOR SPECIFIC ON-SITE ILLUMINATION INCLUDING WALL MOUNTED LIGHTING AND COVERED PATIO/PARKING LIGHTING.
- 5.) SANITARY SEWER SERVICE CONNECTION MUST BE CORE AND BOOT TO STRUCTURE.

SITE BENCHMARK #1:
SOUTHERLY 80° OF FIRE HYDRANT LOCATED ON THE SOUTH SIDE OF ILLINOIS ROUTE 30 AND APPROXIMATELY 80' WESTERLY OF THE NORTHEAST CORNER OF THE SUBJECT PARCEL. ELEVATION = 632.57.

REVISIONS

No.	DATE	DESCRIPTION	BY

DOCUMENTATION:

PROJECT No.: 20230273.00
DATE OF ORIGIN: 5-08-2025
FIELD BOOK: 8-79
PAGE NUMBER: 54
DRAWN BY: R.P. / K.R.
CHECKED BY: J.H.

Main Address: 129 Capista Drive, Shorewood, IL 60404 | Phone: 815-744-6600
Invoicing: 401 S. Carlton Avenue, Wheaton, IL 60187 | www.thewillgroup.com

PROJECT TITLE:

PROPOSED IMPROVEMENT
400 W. MAPLE STREET
NEW LENOX, ILLINOIS 60451

DRAWING TITLE:

PROPOSED SITE
UTILITY PLAN

DRAWING No.

323-0273-C1

SCALE:

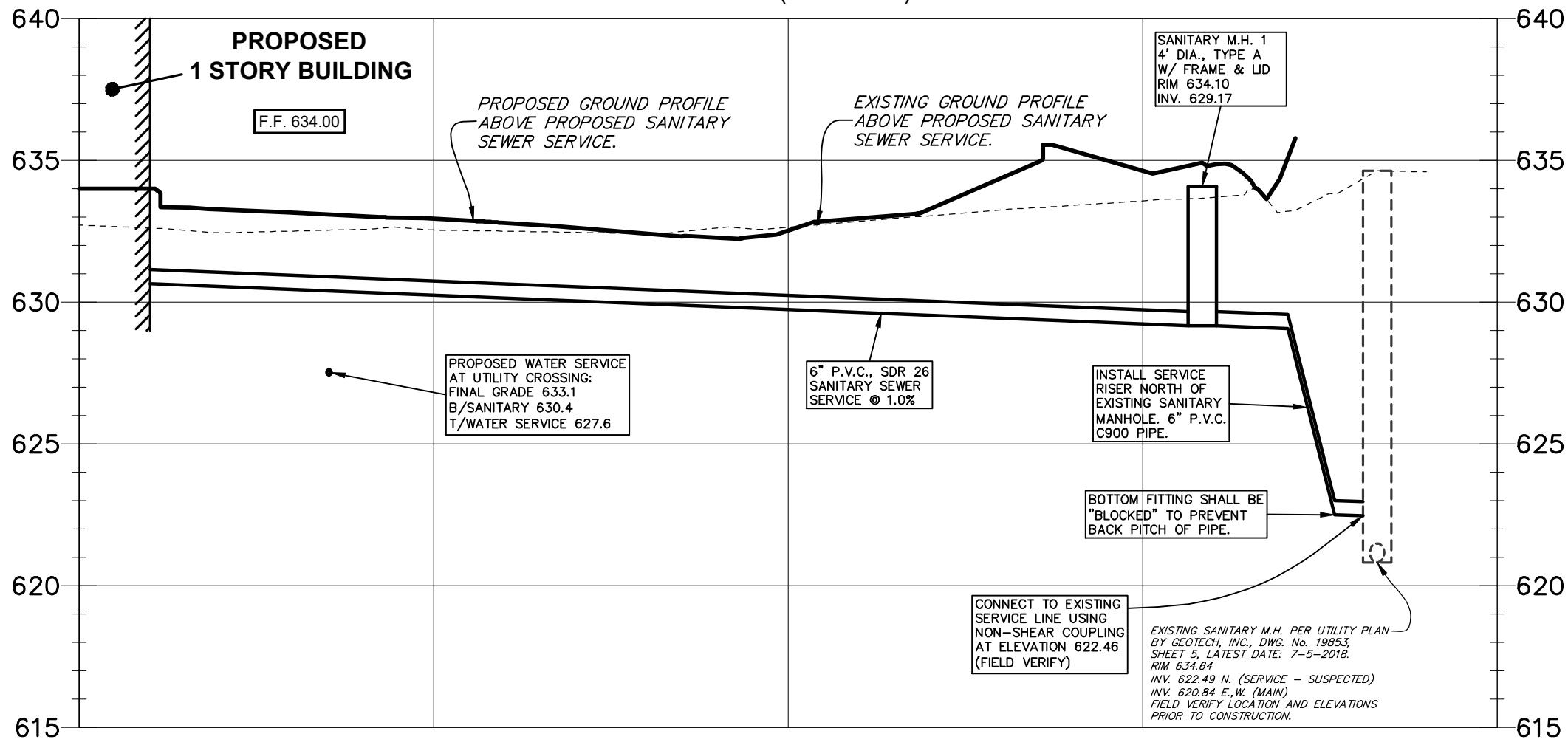
AS NOTED

SHEET C3.00



PROFILE OF PROPOSED SANITARY SEWER SERVICE

SCALE: 1" = 20' (HORIZONTAL)
1" = 5' (VERTICAL)



SEE SHEET C3.00 FOR PROPOSED
SITE UTILITY PLAN VIEW.

SITE BENCHMARK #1:
SOUTHERLY 85.1' OF FIRE HYDRANT LOCATED
ON THE SOUTH SIDE OF ILLINOIS ROUTE 30 AND
APPROXIMATELY 85' WESTERLY OF THE
NORTHEAST CORNER OF THE SUBJECT PARCEL.
ELEVATION = 632.57.



REVISIONS						DOCUMENTATION:		PROJECT TITLE: PROPOSED IMPROVEMENT 400 W. MAPLE STREET NEW LENOX, ILLINOIS 60451	DRAWING TITLE: PROFILE OF SANITARY SEWER SERVICE	DRAWING No.	
No.	DATE	DESCRIPTION	BY	No.	DATE	DESCRIPTION	BY			323-0273-C1	
										SCALE:	
										AS NOTED	
										SHEET C3.01	

THE WILL GROUP

ENGINEERING

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Invoicing: 401 S. Carlton Avenue, Wheaton, IL 60187 | www.thewillgroup.com

PROJECT TITLE:

PROPOSED IMPROVEMENT
400 W. MAPLE STREET
NEW LENOX, ILLINOIS 60451

DRAWING TITLE:

PROFILE OF SANITARY
SEWER SERVICE

DRAWING No.

323-0273-C1

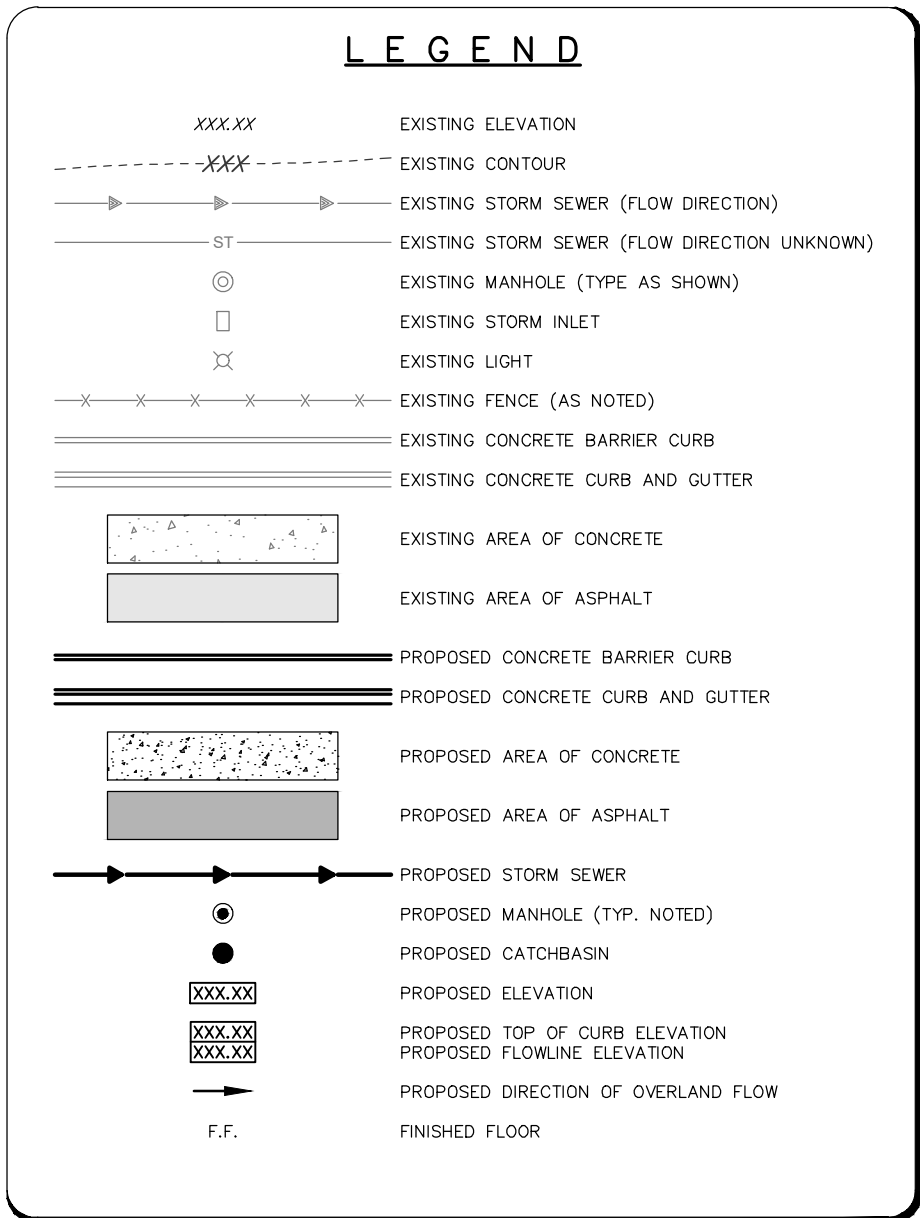
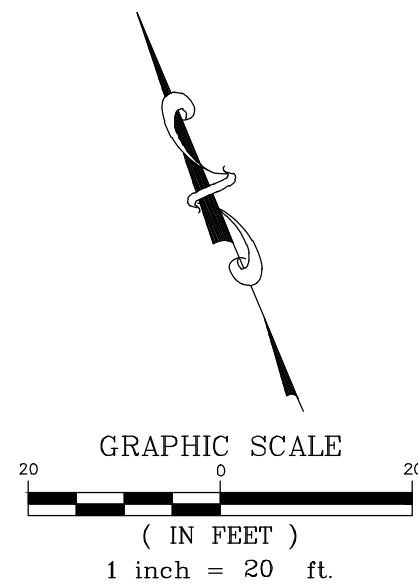
SCALE:

AS NOTED

SHEET

C3.01

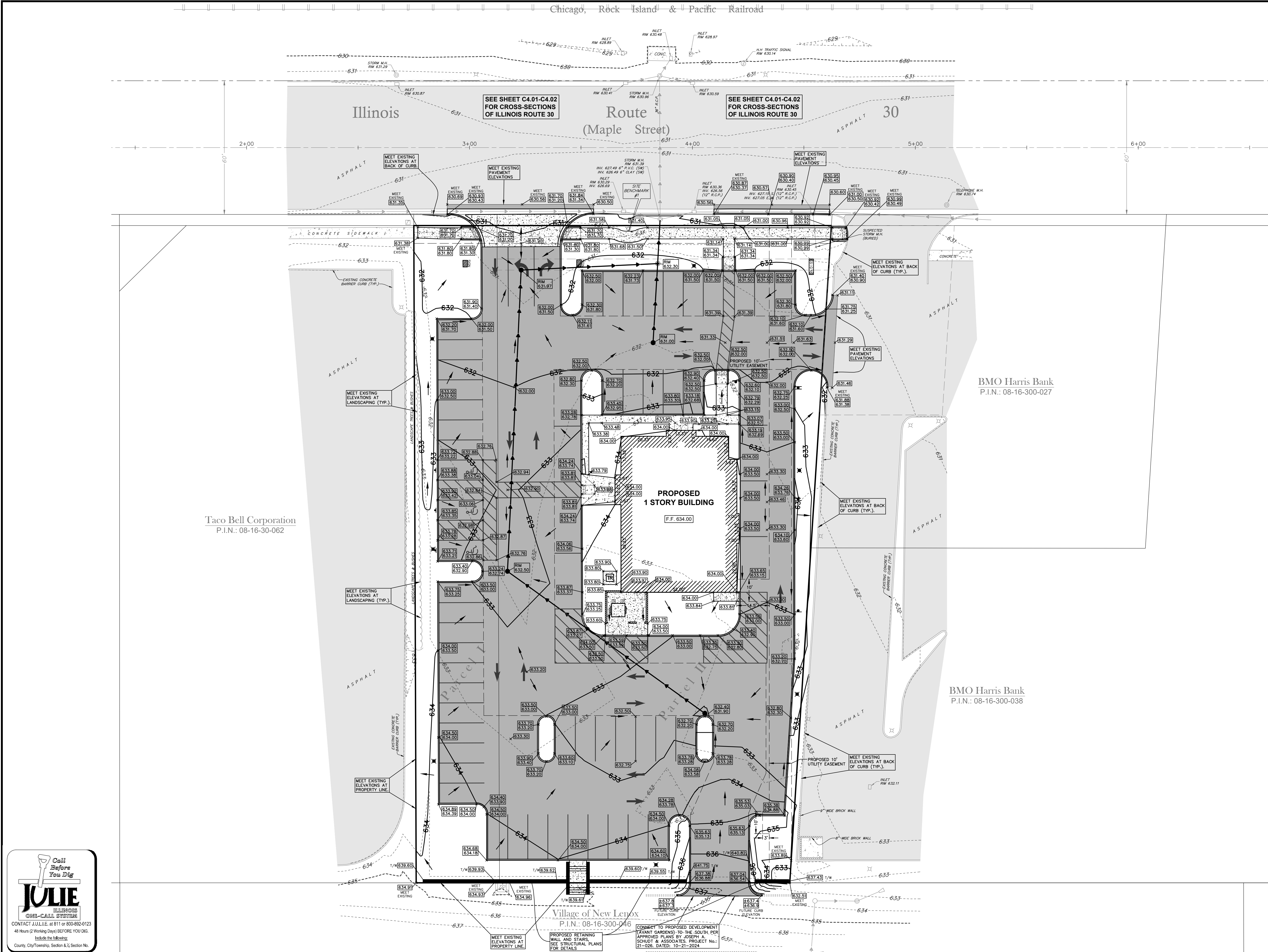
N:\Tbd\2023\0273\Engineering\Plan Set\C3 - Profile of Proposed Sanitary Sewer Service.dwg, Layout1, 1/14/2023 8:49:57 AM, kammf@adacsi.com



PROPOSED SITE GRADING NOTES:

- 1) UNLESS OTHERWISE NOTED, ALL PROPOSED GRADES ARE EITHER FINISHED PAVEMENT ELEVATIONS OR FINISHED LANDSCAPE ELEVATIONS.
- 2) CONTRACTOR TO PREVENT EROSION ONTO EXISTING PAVEMENT.
- 3) GRADE SLOPE SHALL NOT EXCEED 4 TO 1 EXCEPT WHERE NOTED ON THE PLANS.
- 4) CONTRACTOR SHALL REFER TO THE LANDSCAPE PLANS FOR ADDITIONAL SITE AMENITIES.
- 5) A.D.A. ROUTES SHALL NOT EXCEED 2.00% CROSS SLOPES.

SITE BENCHMARK (B):
SOUTHERLY 80' OF THE HYDRANT LOCATED ON THE SOUTH SIDE OF ILLINOIS ROUTE 30 AND APPROXIMATELY 80' WESTERLY OF THE NORTHEAST CORNER OF THE SUBJECT PARCEL. ELEVATION = 632.57.



Call Before You Dig
JULIE
ILLINOIS
ONE-CALL SYSTEM
CONTACT JULIE at 811 or 800-892-0123
48 Hours (2 Working Days) BEFORE YOU DIG.
Include the following:
County, City/Township, Section & 1/4, Section No.

REVISIONS				DOCUMENTATION:			
No.	DATE	DESCRIPTION	BY	No.	DATE	DESCRIPTION	BY

THE WILL GROUP
ENGINEERING
Main Address: 129 Capista Drive, Shorewood, IL 60404 | Phone: 815-744-6600
Invoicing: 401 S. Carlton Avenue, Wheaton, IL 60187 | www.thewillgroup.com

PROJECT TITLE:
**PROPOSED IMPROVEMENT
400 W. MAPLE STREET
NEW LENOX, ILLINOIS 60451**

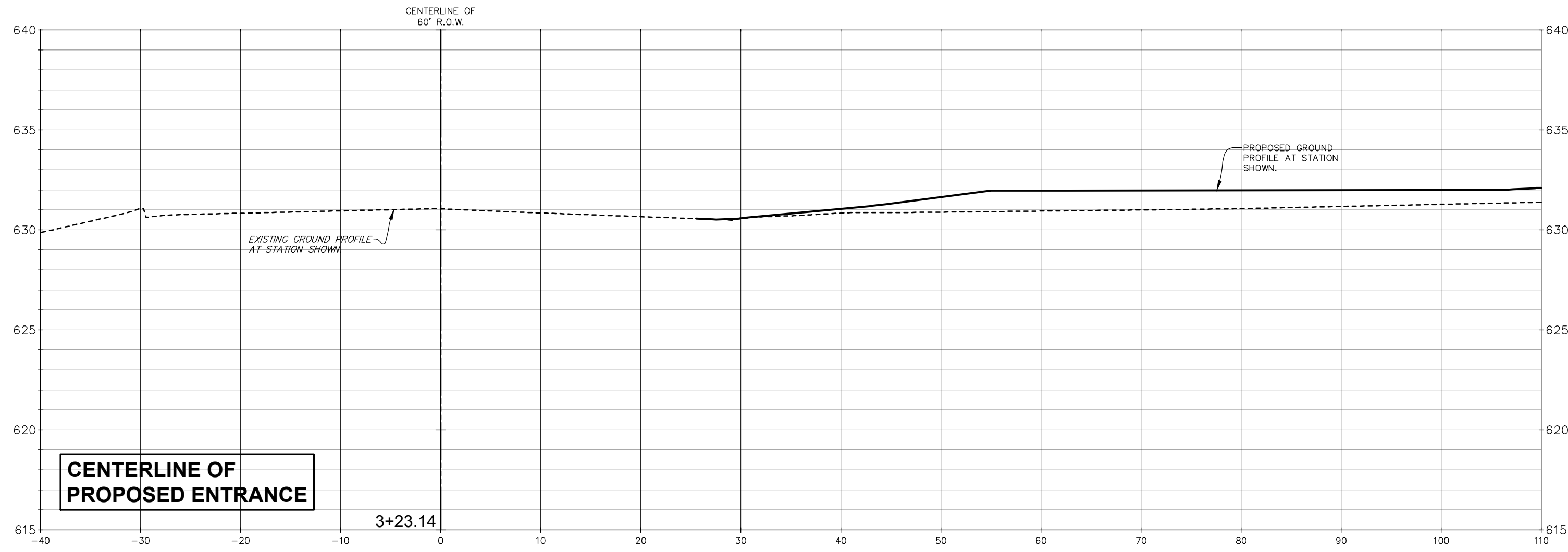
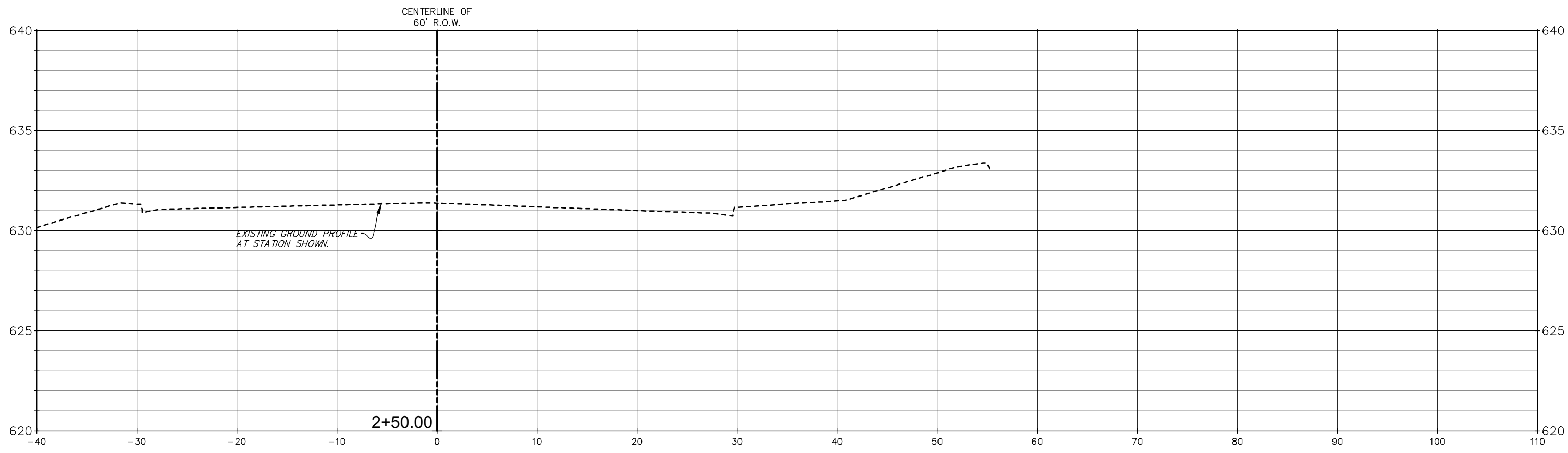
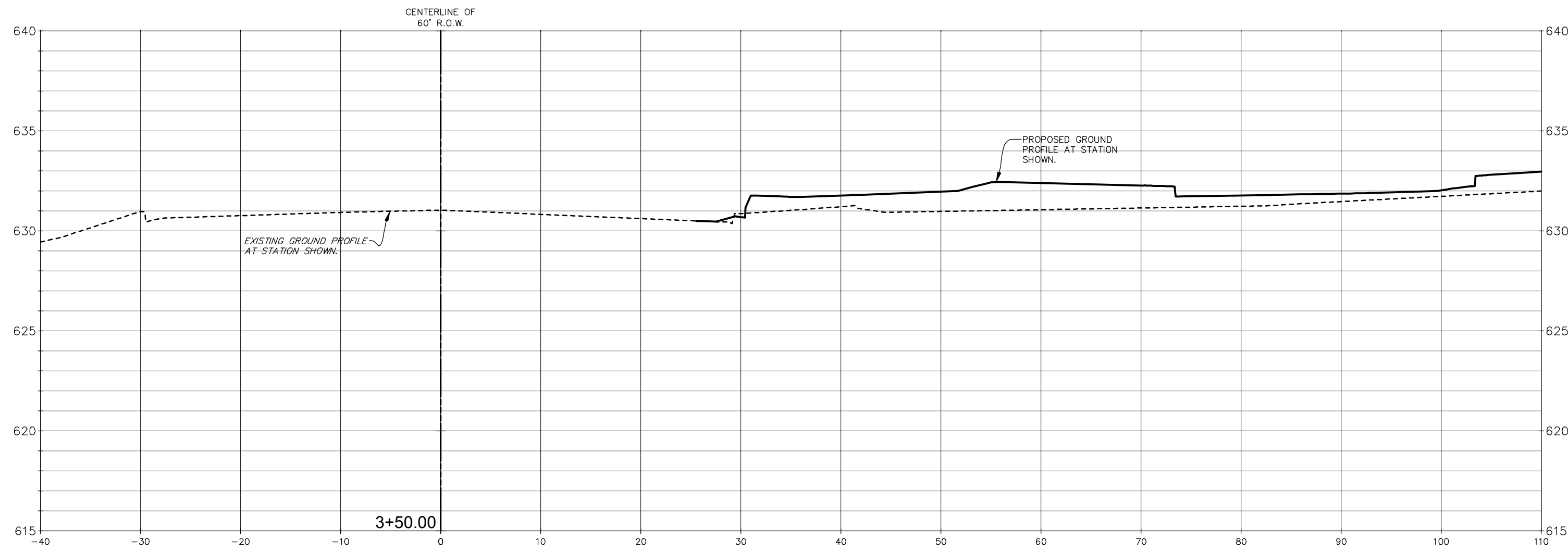
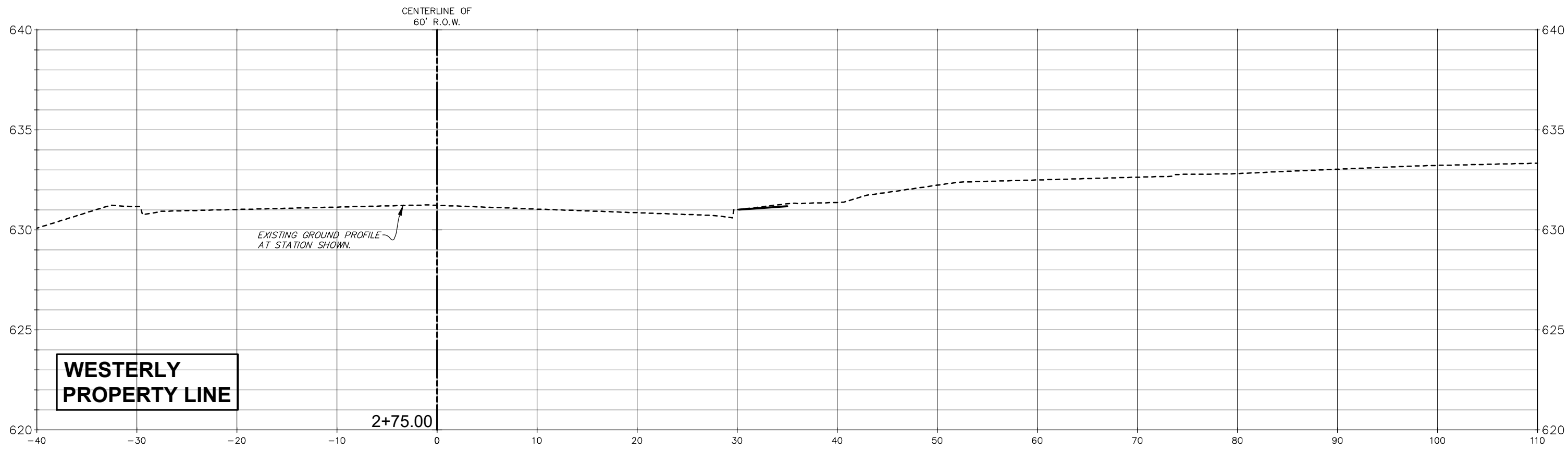
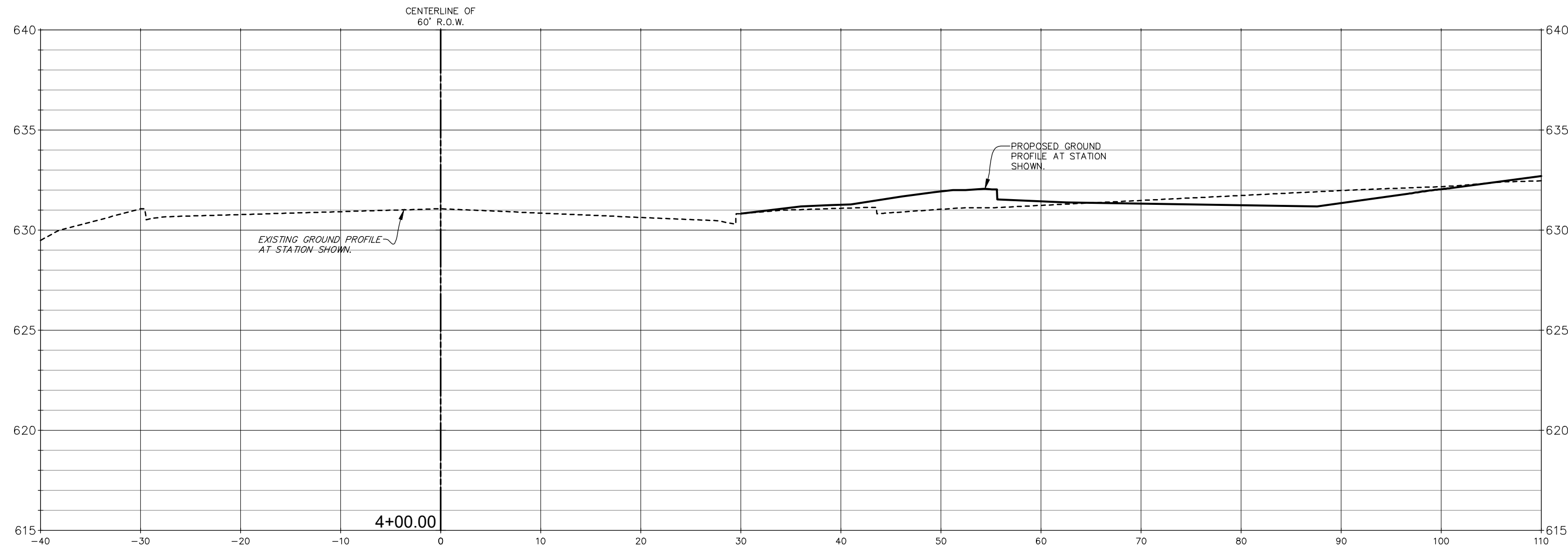
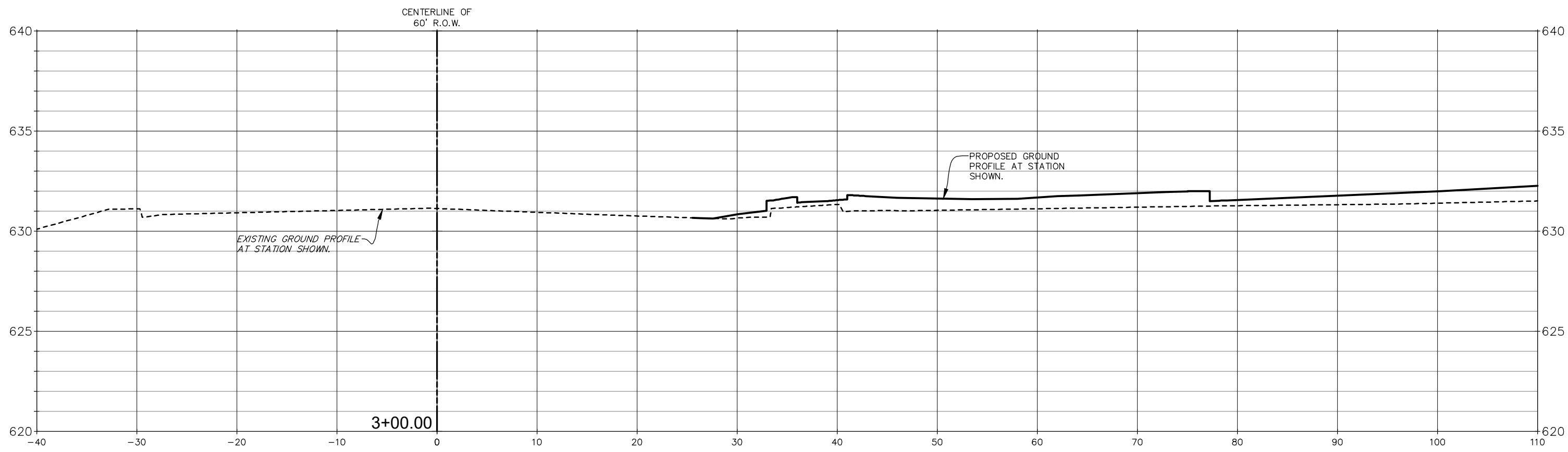
DRAWING TITLE:
**PROPOSED SITE
GRADING PLAN**

DRAWING No.
323-0273-C1

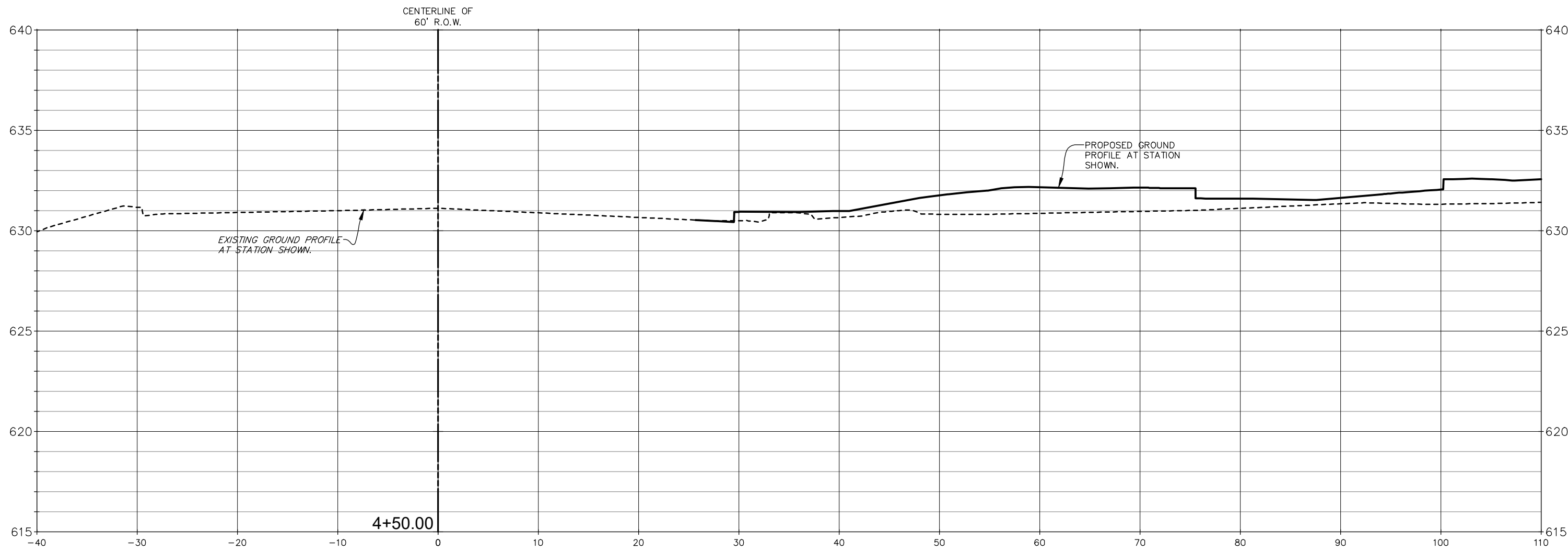
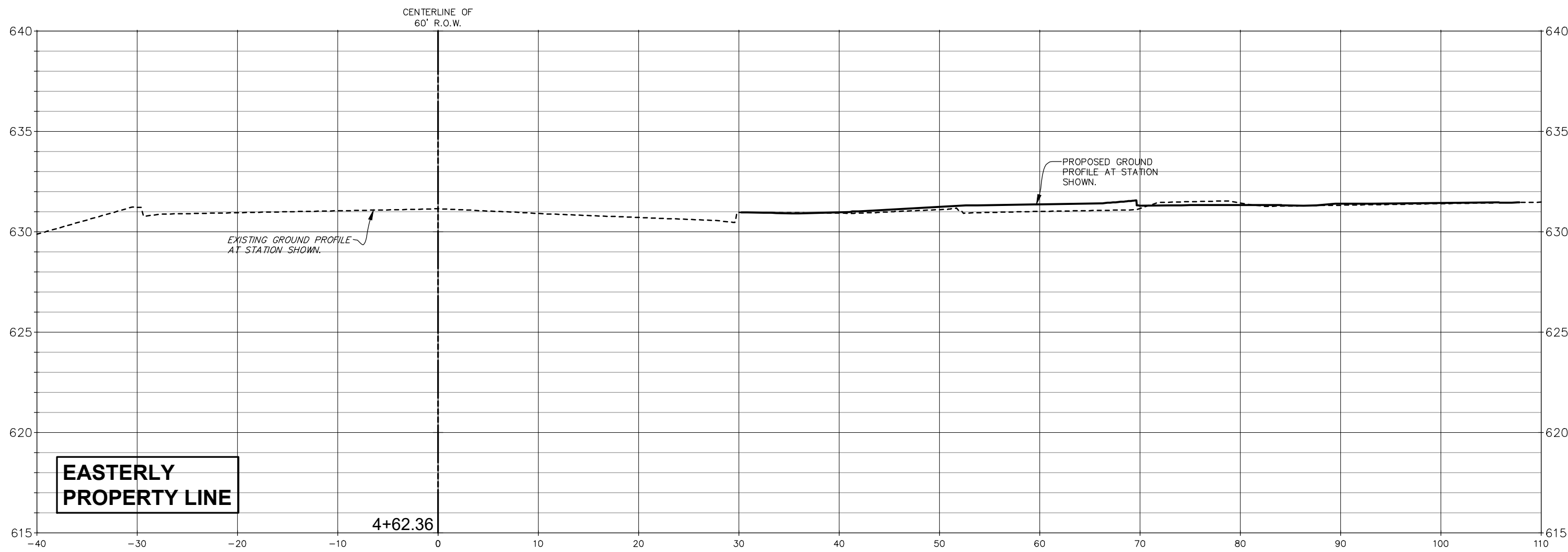
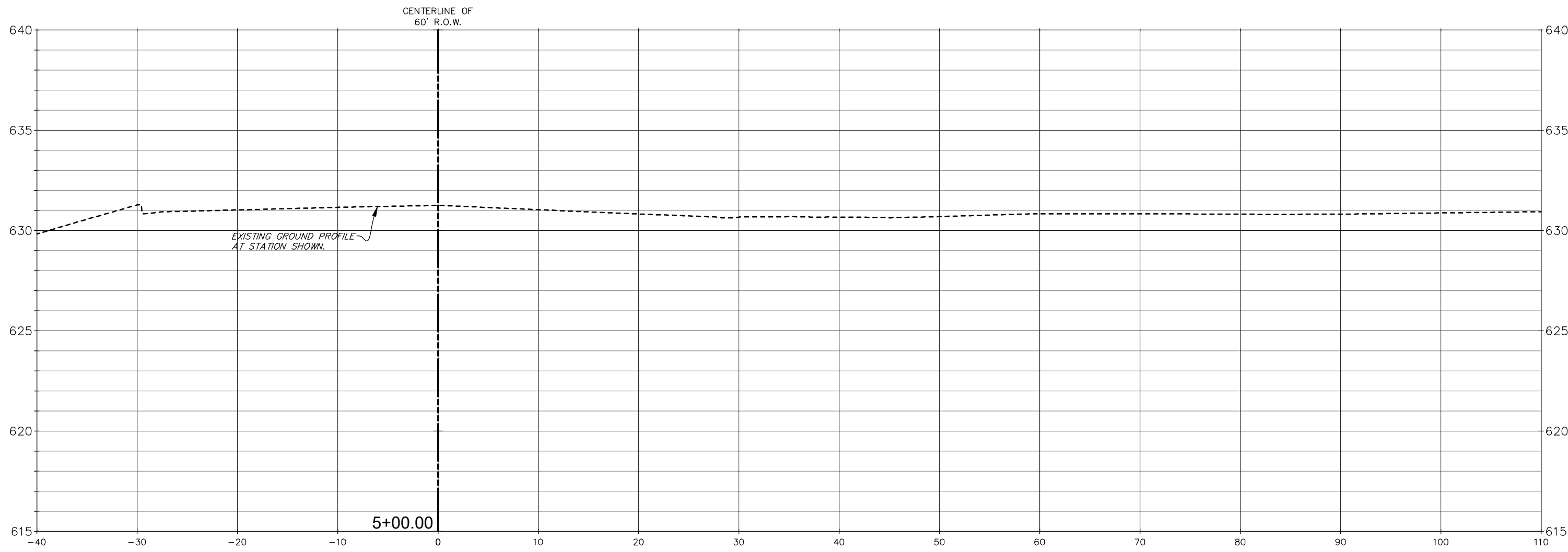
SCALE:
AS NOTED

SHEET
C4.00

CROSS-SECTION SCALES:
HORIZONTAL: 1" = 10'
VERTICAL: 1" = 5'



REVISIONS										DOCUMENTATION:	THE WILL GROUP ENGINEERING Main Address: 129 Capista Drive, Shorewood, IL 60404 Phone: 815-744-6600 Invoicing: 401 S. Carlton Avenue, Wheaton, IL 60187 www.thewillgroup.com	PROJECT TITLE:	DRAWING TITLE:	DRAWING No.
No.	DATE	DESCRIPTION	BY	No.	DATE	DESCRIPTION	BY	PROJECT No.: 20230273.00	323-0273-C1					
								DATE OF ORIGIN: 5-08-2025	SCALE:					
								FIELD BOOK: 8-79	AS NOTED					
								PAGE NUMBER: 54	SHEET					
								DRAWN BY: R.P. / K.R.	C4.01					
								CHECKED BY: J.H.						



REVISIONS			
No.	DATE	DESCRIPTION	BY

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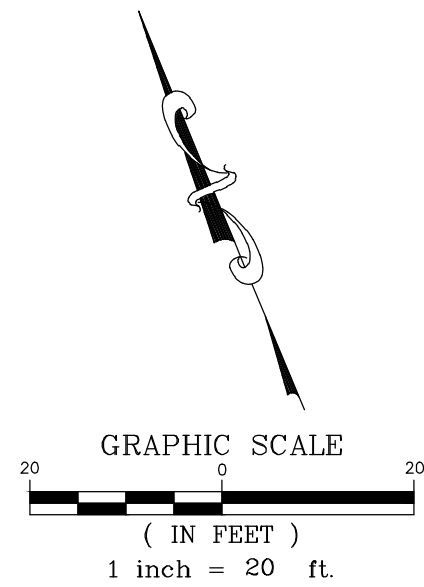
PROJECT TITLE:

PROPOSED IMPROVEMENT
400 W. MAPLE STREET
NEW LENOX, ILLINOIS 60451

DRAWING TITLE:

CROSS-SECTIONS OF
ILLINOIS ROUTE 30
(2 OF 2)

DRAWING No.	323-0273-C1
SCALE:	AS NOTED
SHEET	C4.02



LEGEND

- EXISTING LIGHT
EXISTING FENCE (AS NOTED)
EXISTING CONCRETE BARRIER CURB
EXISTING CONCRETE CURB AND GUTTER
EXISTING AREA OF CONCRETE
EXISTING AREA OF ASPHALT
PROPOSED CONCRETE BARRIER CURB
PROPOSED CONCRETE CURB AND GUTTER
PROPOSED AREA OF CONCRETE
PROPOSED AREA OF ASPHALT
PROPOSED LIGHT BASE
XX'XX' B/C BACK OF CURB DISTANCE
XX'XX' F/C FACE OF CURB DISTANCE
XX'XX' F-F FACE TO FACE OF CURB DISTANCE
XX'XX' F-W FACE OF WALK DISTANCE
XX'XX' B-B BACK TO BACK OF CURB DISTANCE
XX'XX' E-B EDGE TO EDGE OF PAVEMENT DISTANCE
XX'XX' E-P TO EDGE OF PAVEMENT DISTANCE

PARKING DATA SUMMARY:

Lot Area: 52,274 s.f. (1.2 acres)
Parking Calculations:
Restaurant Area: 3,606 s.f.
1 Space Per 100 s.f. = 36 parking spaces
1 Space Per Employee (Max. Per Shift)
12 Employees = 12 parking spaces
Parking Required = 48 parking spaces
Parking Provided = 52 parking spaces (3 A.D.A. Spaces)

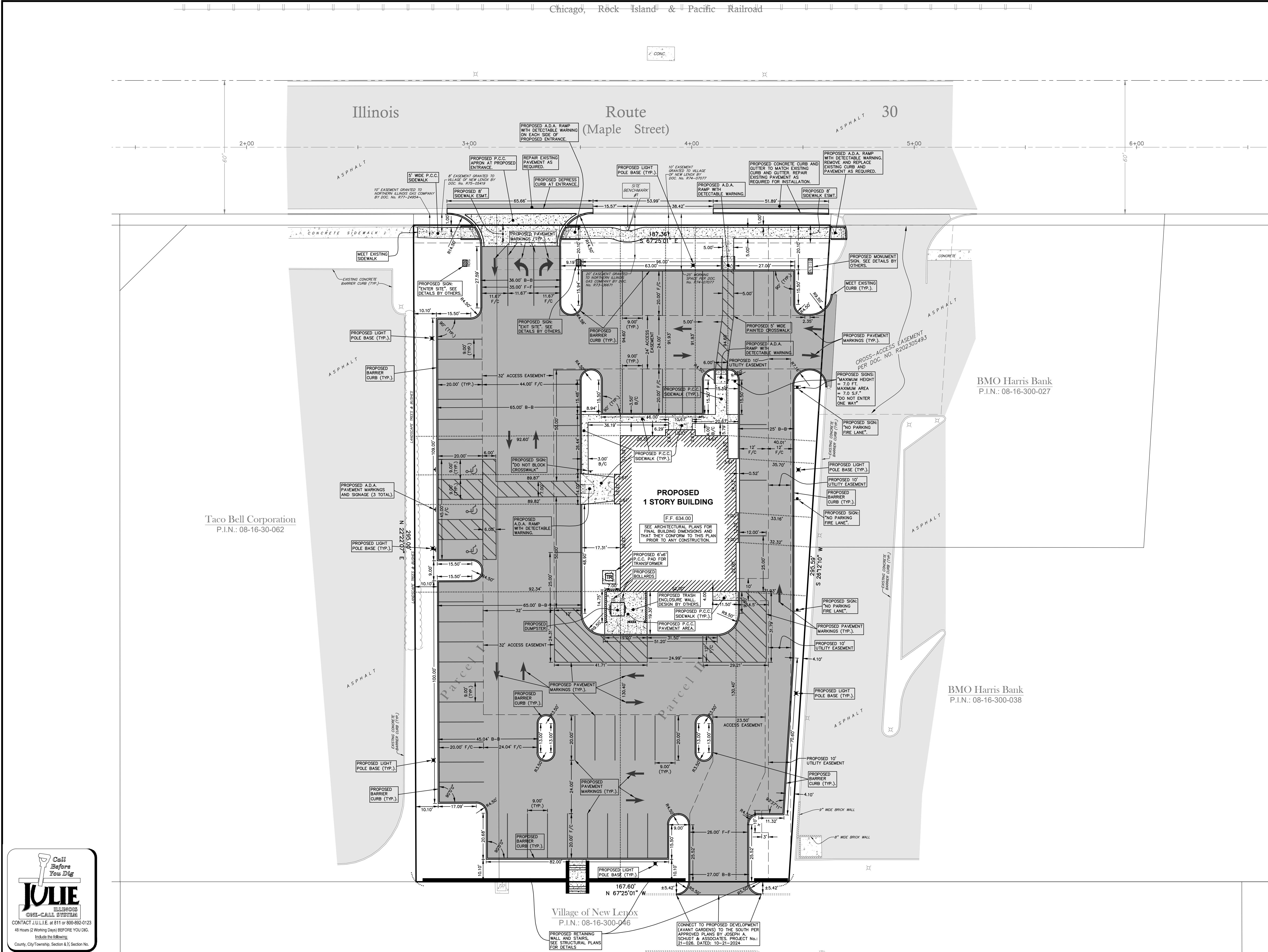
PARKING SPACES SUMMARY:

PROPOSED PARKING:
Standard 9'x20' Parking Spaces = 58
A.D.A. Accessible Parking Spaces = 3
Total Parking Spaces Provided = 61 spaces

PROPOSED SITE GEOMETRY NOTES:

- FOR THE FOLLOWING ITEMS, REFER TO THE LANDSCAPE PLANS:
 - FENCING AND GATES
 - ALL ITEMS ON THESE PLANS NOTED "SEE LANDSCAPE PLANS"
- ALL PARKING STALL, SAFETY ISLAND, NO PARKING AREAS AND CROSSWALK STRIPING SHALL BE 4" HIGH WIDE STANDARD I.D.O.T. YELLOW. DIAGONAL STRIPING SHALL BE 2 FT. ON CENTER.
- ALL SIGNS SHALL MEET THE REQUIREMENTS AND STANDARDS OF THE U.S. DEPT. OF TRANSPORTATION MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION; THE ILLINOIS ADMINISTRATIVE CODE, LATEST ADDITION; AND ALL LOCAL ORDINANCES.
- UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE SHOWN TO THE BACK OF THE CURBLINE WHERE APPLICABLE.
- UNLESS OTHERWISE SPECIFIED, ALL ON-SITE CURB AND GUTTERS ARE 6"-6.12".
- REFER TO PROPOSED SITE PHOTOMETRIC PLANS BY ELECTRICAL CONTRACTOR FOR SPECIFIC ON-SITE ILLUMINATION INCLUDING WALL MOUNTED LIGHTING.
- EMPLOYEES SHALL PARK IN THE 10' STALL PARKING ROW AT THE FAR SOUTHERN PORTION OF THE PARKING LOT.
- MENU BOARD SHALL NOT EXCEED 6' (FOOT) HEIGHT AND MAXIMUM AREA OF 50 SQUARE FEET.

SITE BENCHMARK #1:
SOUTHERLY BOLT OF FIRE HYDRANT LOCATED ON THE SOUTH SIDE OF ILLINOIS ROUTE 30 AND APPROXIMATELY 80' WESTERLY OF THE NORTHEAST CORNER OF THE SUBJECT PARCEL.
ELEVATION = 632.57'



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DRAWN BY: R.P. / K.R.
CHECKED BY: J.H.

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ENGINEERING

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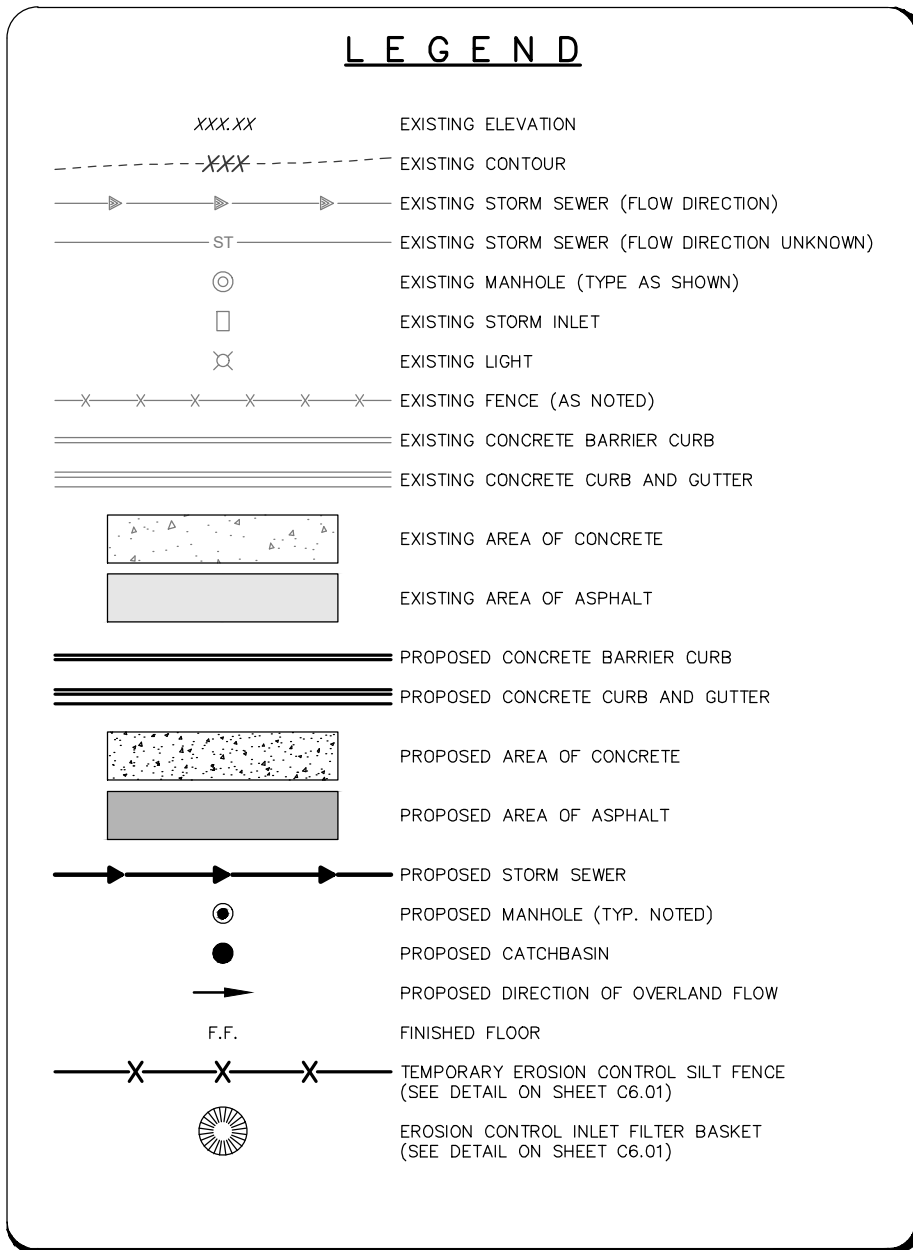
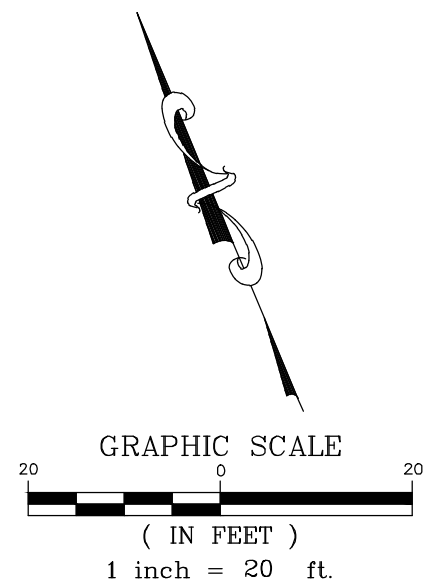
PROJECT TITLE:
**PROPOSED IMPROVEMENT
400 W. MAPLE STREET
NEW LENOX, ILLINOIS 60451**

DRAWING TITLE:
**PROPOSED SITE
GEOMETRY PLAN**

DRAWING No.
323-0273-C1

SCALE:
AS NOTED

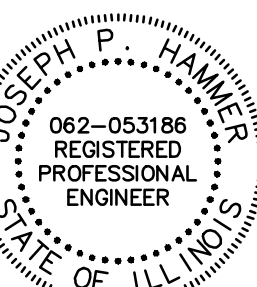
SHEET
C5.00



I, JOSEPH P. HAMMER, A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF ILLINOIS, HEREBY CERTIFY THAT THE EROSION CONTROL PLAN HAS BEEN PREPARED UNDER MY SUPERVISION BY TWIG TECHNOLOGIES, LLC, AND COMPLIES WITH THE URBAN SOIL EROSION CONTROL & STANDARDS IN ILLINOIS MANUAL (LATEST EDITION) AND GENERALLY RECOGNIZED METHODS IN USE IN THE AREA.

DATED THIS 6th DAY OF OCTOBER A.D. 2025

JOSEPH P. HAMMER IL P.E. No. 062-053186 (EXPIRES 11-30-2025)



SEE SHEET C6.01 FOR EROSION CONTROL NOTES AND DETAILS.

SITE BENCHMARK #1:
SOUTHERLY 80° OF THE HYDRANT LOCATED ON THE SOUTH SIDE OF ILLINOIS ROUTE 30 AND APPROXIMATELY 80' WESTERLY OF THE NORTHEAST CORNER OF THE SUBJECT PARCEL. ELEVATION = 632.57'

Taco Bell Corporation
P.I.N.: 08-16-30-062

BMO Harris Bank
P.I.N.: 08-16-300-027

BMO Harris Bank
P.I.N.: 08-16-300-038

Village of New Lenox
P.I.N.: 08-16-300-046



REVISIONS					
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PROJECT TITLE:

**PROPOSED IMPROVEMENT
400 W. MAPLE STREET
NEW LENOX, ILLINOIS 60451**

DRAWING TITLE:

EROSION CONTROL PLAN

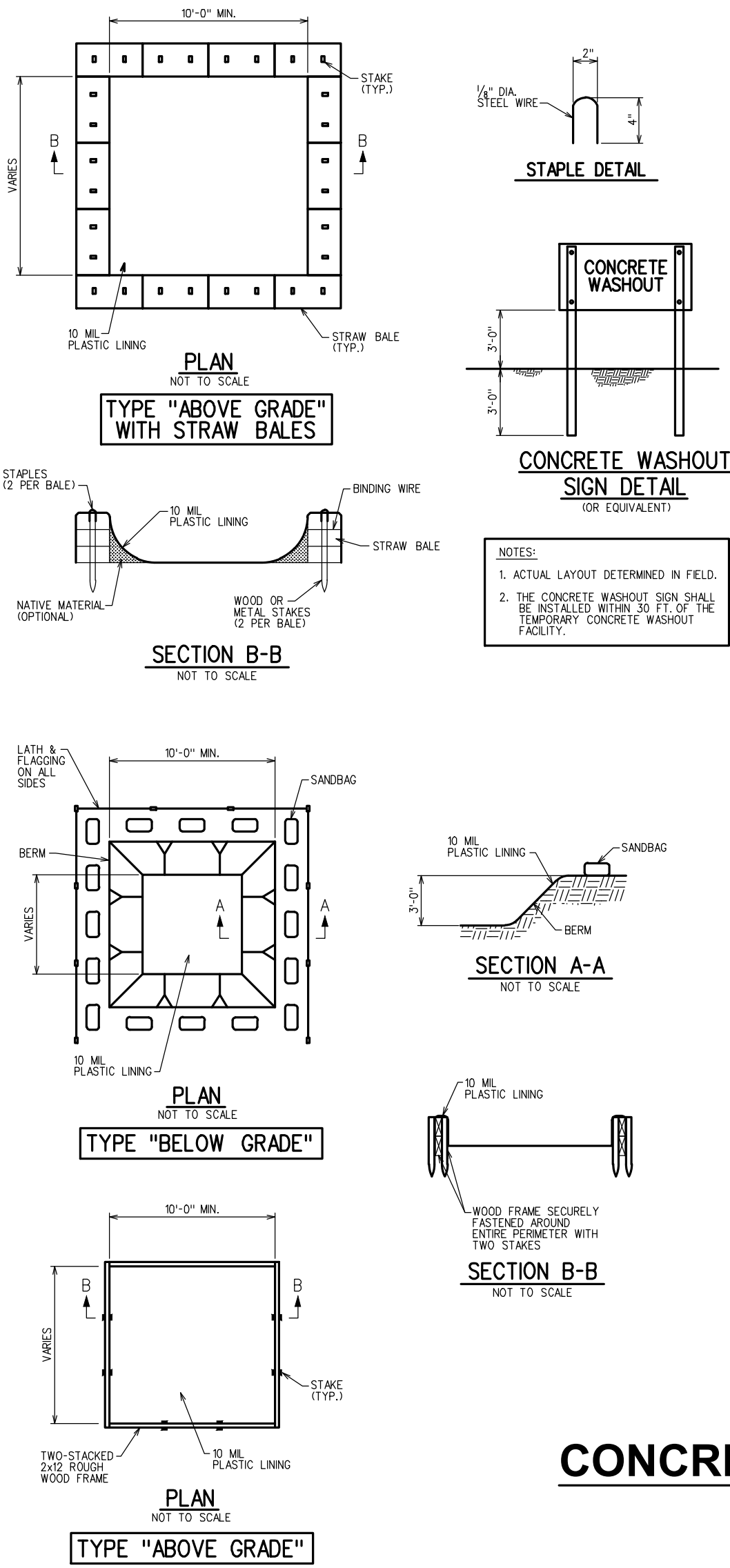
DRAWING No.

323-0273-C1

SCALE:

AS NOTED

SHEET C6.00



ONSITE TEMPORARY CONCRETE WASHOUT FACILITY, TRANSIT TRUCK WASHOUT PROCEDURES

- TEMPORARY CONCRETE WASHOUT FACILITIES SHOULD BE LOCATED A MINIMUM OF 50 FT. FROM STORM DRAIN INLETS, OPEN DRAINAGE FACILITIES AND WATERCOURSES. EACH FACILITY SHOULD BE LOCATED AWAY FROM CONSTRUCTION TRAFFIC OR ACCESS AREAS TO PREVENT DISTURBANCE OR TRACKING.
- A SIGN SHOULD BE INSTALLED ADJACENT TO EACH WASHOUT FACILITY TO INFORM CONCRETE EQUIPMENT OPERATORS TO UTILIZE THE PROPER FACILITIES.
- TEMPORARY CONCRETE WASHOUT FACILITIES SHOULD BE CONSTRUCTED ABOVE GRADE OR BELOW GRADE AT THE OPTION OF THE CONTRACTOR. TEMPORARY CONCRETE WASHOUT FACILITIES SHOULD BE CONSTRUCTED AND MAINTAINED IN SUFFICIENT QUANTITY AND SIZE TO CONTAIN ALL LIQUID AND CONCRETE WASTE GENERATED BY WASHOUT OPERATIONS.
- TEMPORARY WASHOUT FACILITIES SHOULD HAVE A TEMPORARY PIT OR BERMED AREAS OF SUFFICIENT VOLUME TO COMPLETELY CONTAIN ALL LIQUID AND WASTE CONCRETE MATERIALS GENERATED DURING WASHOUT PROCEDURES.
- WASHOUT OF CONCRETE TRUCKS SHOULD BE PERFORMED IN DESIGNATED AREAS ONLY.
- ONLY CONCRETE FROM MIXER TRUCK CHUTES SHOULD BE WASHED INTO CONCRETE WASH OUT.
- CONCRETE WASHOUT FROM CONCRETE PUMPER BINS CAN BE WASHED INTO CONCRETE PUMPER TRUCKS AND DISCHARGED INTO DESIGNATED WASHOUT AREA OR PROPERLY DISPOSED OF OFFSITE.
- ONCE CONCRETE WASTES ARE WASHED INTO THE DESIGNATED AREA AND ALLOWED TO HARDEN, THE CONCRETE SHOULD BE BROKEN UP, REMOVED, AND DISPOSED OF OFFSITE IN A LEGAL MANNER. DISPOSE OF HARDENED CONCRETE ON A REGULAR BASIS.
- TEMPORARY CONCRETE WASHOUT FACILITY (TYPE ABOVE GRADE)
 - TEMPORARY WASHOUT FACILITY (TYPE ABOVE GRADE) SHOULD BE CONSTRUCTED AS SHOWN IN THE DETAILS ON THIS SHEET, WITH A RECOMMENDED MINIMUM LENGTH AND MINIMUM WIDTH OF 10 FT, BUT WITH SUFFICIENT QUANTITY AND VOLUME TO CONTAIN ALL LIQUID AND CONCRETE WASTE GENERATED BY WASHOUT OPERATIONS.
 - STRAW BALES, WOOD STAKES, AND SANDBAG MATERIALS SHOULD CONFORM TO THE PROVISIONS IN THE EROSION AND SEDIMENT CONTROL PLAN.
 - PLASTIC LINING MATERIAL SHOULD BE A MINIMUM OF 10 MIL POLYETHYLENE SHEETING AND SHOULD BE FREE OF HOLES, TEARS, OR OTHER DEFECTS THAT COMPROMISE THE IMPERMEABILITY OF THE MATERIAL.
- TEMPORARY CONCRETE WASHOUT FACILITY (TYPE BELOW GRADE)
 - TEMPORARY WASHOUT FACILITY (TYPE BELOW GRADE) SHOULD BE CONSTRUCTED AS SHOWN IN THE DETAILS ON THIS SHEET, WITH A RECOMMENDED MINIMUM LENGTH AND MINIMUM WIDTH OF 10 FT, BUT WITH SUFFICIENT QUANTITY AND VOLUME TO CONTAIN ALL LIQUID AND CONCRETE WASTE GENERATED BY WASHOUT OPERATIONS.
 - LATH AND FLAGGING SHOULD BE COMMERCIAL TYPE.
 - PLASTIC LINING MATERIAL SHOULD BE A MINIMUM OF 10 MIL POLYETHYLENE SHEETING AND SHOULD BE FREE OF HOLES, TEARS, OR OTHER DEFECTS THAT COMPROMISE THE IMPERMEABILITY OF THE MATERIAL.

REMOVAL OF TEMPORARY CONCRETE WASHOUT FACILITIES

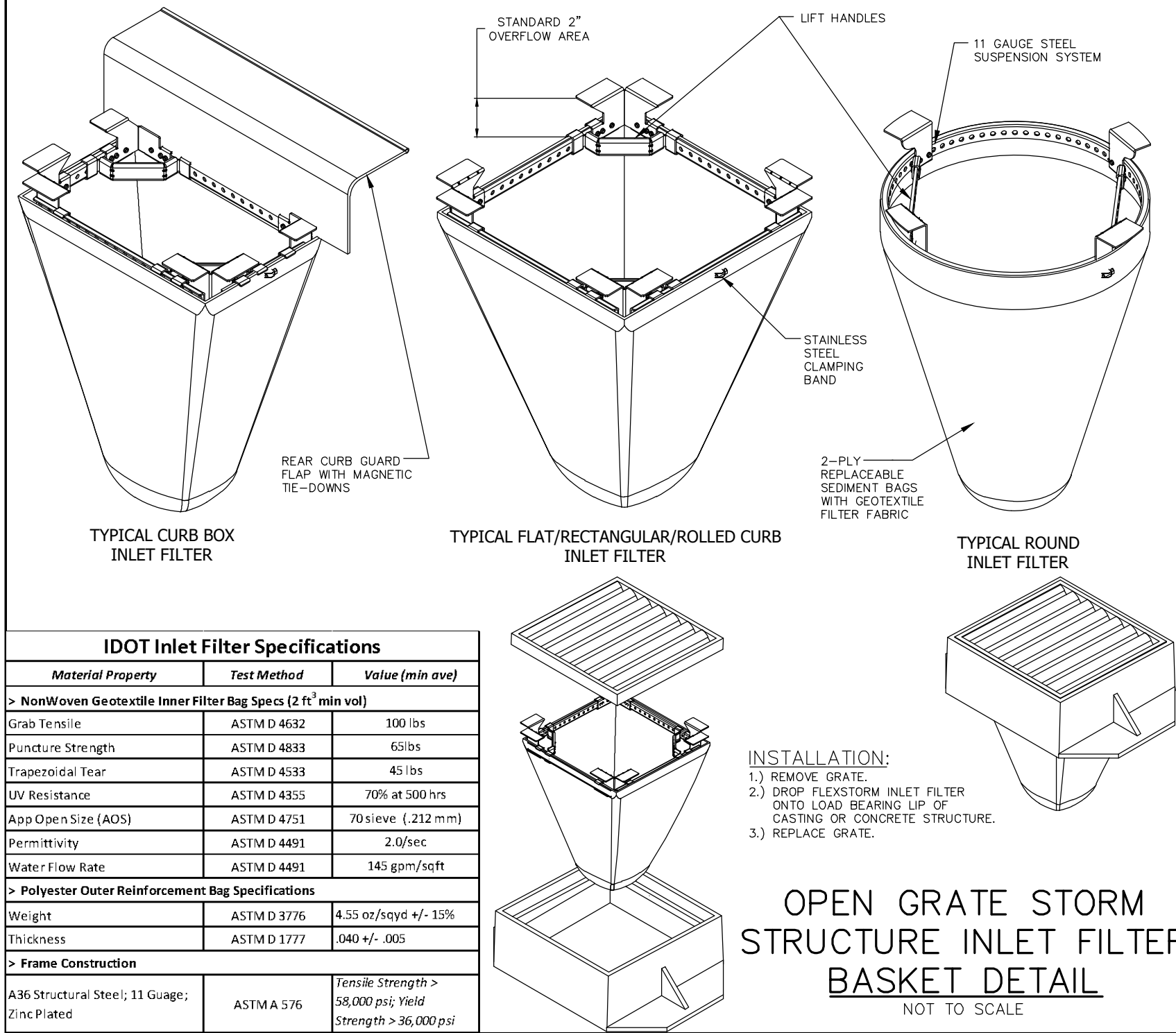
- WHEN TEMPORARY CONCRETE WASHOUT FACILITIES ARE NO LONGER REQUIRED FOR THE WORK, THE HARDENED CONCRETE SHOULD BE REMOVED AND DISPOSED OF. MATERIALS USED TO CONSTRUCT TEMPORARY CONCRETE WASHOUT FACILITIES SHOULD BE REMOVED FROM THE SITE OF THE WORK AND DISPOSED OF.
- HOLES, DEPRESSIONS OR OTHER GROUND DISTURBANCE CAUSED BY THE REMOVAL OF THE TEMPORARY CONCRETE WASHOUT FACILITIES SHOULD BE BACKFILLED AND REPAIRED.

INSPECTION AND MAINTENANCE

- INSPECT AND VERIFY THAT ACTIVITY-BASED BMPs ARE IN PLACE PRIOR TO THE COMMENCEMENT OF ASSOCIATED ACTIVITIES. WHEN ACTIVITIES ASSOCIATED WITH THE BMP ARE UNDER WAY, INSPECT WEEKLY DURING THE RAINY SEASON AND AT TWO WEEK INTERVALS IN THE NON-RAINY SEASON TO VERIFY CONTINUED BMP IMPLEMENTATION.
- TEMPORARY CONCRETE WASHOUT FACILITIES SHOULD BE MAINTAINED TO PROVIDE ADEQUATE HOLDING CAPACITY WITH A MINIMUM FREEBOARD OF 4 IN. FOR ABOVE GRADE FACILITIES AND 12 IN. FOR BELOW GRADE FACILITIES. MAINTAINING TEMPORARY CONCRETE WASHOUT FACILITIES SHOULD INCLUDE REMOVING AND DISPOSING OF HARDENED CONCRETE AND RETURNING THE FACILITIES TO A FUNCTIONAL CONDITION. HARDENED CONCRETE MATERIALS SHOULD BE REMOVED AND DISPOSED OF.
- WASHOUT FACILITIES MUST BE CLEANED, OR NEW FACILITIES MUST BE CONSTRUCTED AND READY FOR USE, ONCE THE WASHOUT IS 75% FULL.

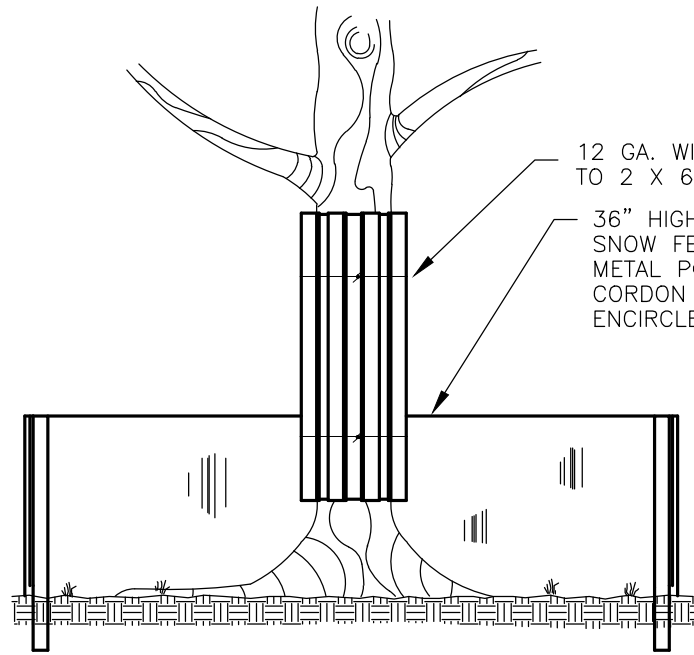
CONCRETE WASHOUT DETAIL

NOT TO SCALE



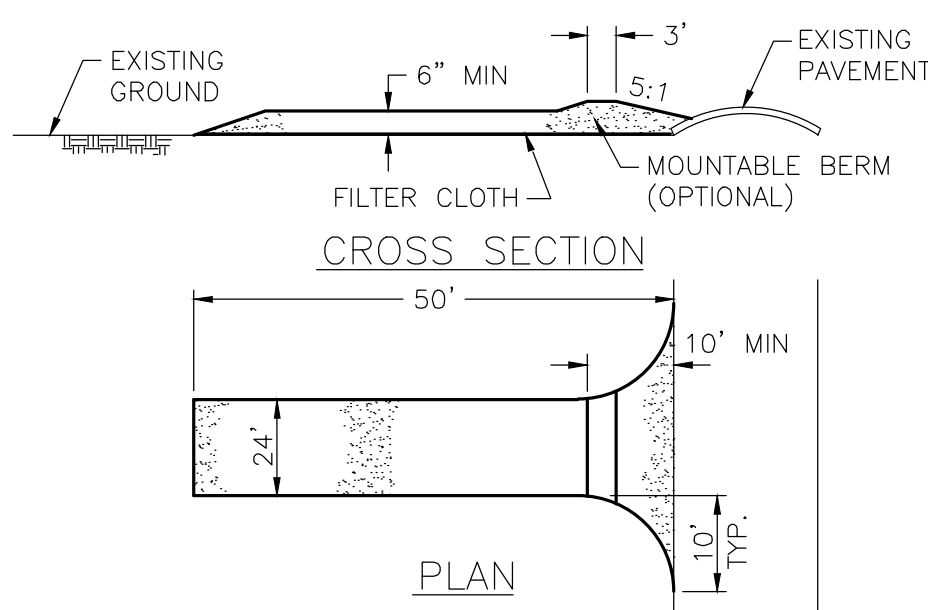
OPEN GRATE STORM STRUCTURE INLET FILTER BASKET DETAIL

NOT TO SCALE



TREE PROTECTION DETAIL

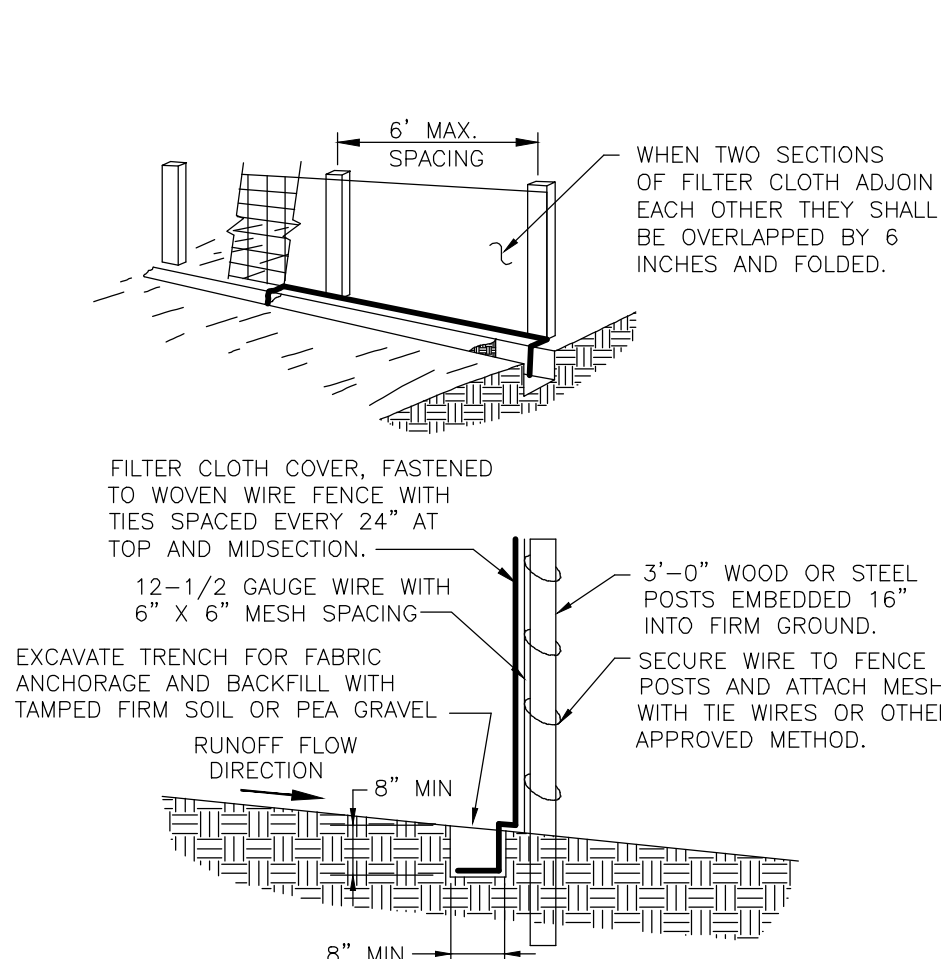
NOT TO SCALE



- STONE SHALL BE TWO INCH IN SIZE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
- LENGTH SHALL BE AS REQUIRED, BUT NOT LESS THAN 50 FEET.
- THICKNESS SHALL NOT BE LESS THAN SIX INCHES.
- WIDTH SHALL BE TEN FEET, MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS OF INGRESS/EGRESS.
- FILTER CLOTH SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO THE PLACEMENT OF STONE.
- SURFACE WATER FLOWING OR DIVERTED TOWARD ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
- THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
- WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
- PERIODIC INSPECTION AND REQUIRED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN EVENT.

STABILIZED CONSTRUCTION ENTRANCE

NOT TO SCALE



NOTES FOR SILT FENCE

- MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL SHALL BE REMOVED WHEN BULGES DEVELOP IN THE SILT FENCE.
- FILTER CLOTH SHALL BE FILTER X, MIRAFI 100X, STABILINKA T140N, OR EQUAL.
- PREFABRICATED UNIT SHALL BE GEOFAB, ENVIROFENCE, OR EQUAL.

SILT FENCE INSTALLATION

NOT TO SCALE

EROSION CONTROL NOTES

- EROSION CONTROL TO BE APPLIED PER THE ILLINOIS PROCEDURES FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL MANUAL, LATEST EDITION.
- THE TEMPORARY EROSION CONTROL SYSTEMS INSTALLED BY THE CONTRACTOR SHALL BE PROPERLY MAINTAINED AS DIRECTED BY THE VILLAGE TO CONTROL SILTATION AT ALL TIMES DURING THE LIFE OF THE PROJECT.
- ALL STORM SEWER STRUCTURES WITH OPEN GRATES SHALL HAVE INLET FILTER BASKETS INSTALLED IN THEM.
- DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN (7) SEVEN CALENDAR DAYS FOLLOWING THE END OF ACTIVE DISTURBANCE. RE-DISTURBANCE, CONSISTENT WITH THE FOLLOWING CRITERIA: APPROPRIATE TEMPORARY OR PERMANENT STABILIZATION MEASURES SHALL INCLUDE SEEDING, MULCHING, SODDING AND / OR NON-VEGETATIVE MEASURES.
- ALL EROSION CONTROL ITEMS REMAIN IN PLACE AND BE MAINTAINED UNTIL DEEMED UNNECESSARY BY THE OWNER / DEVELOPER AND THE VILLAGE AT WHICH TIME THE EROSION CONTROL ITEMS SHALL BE COMPLETELY REMOVED FROM THE SITE BY THE INSTALLER.
- ALL DISTURBED AREAS NOT SPECIFICALLY IDENTIFIED FOR LANDSCAPING IMPROVEMENTS OR IMPERVIOUS SURFACE TREATMENTS SUCH AS PAVEMENTS, DRIVES, PATIOS, STOPS, SIDEWALKS OR WALKWAYS SHALL BE FINISHED WITH A MINIMUM OF 6" OF TOPSOIL AND RESTORED IN ACCORDANCE WITH THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2002 AS FOLLOWS:
 - CLASS 2 SEED PER SECTION 250.
 - FERTILIZED NUTRIENTS IN THE RATIO OF 1:1:1 OF NITROGEN, PHOSPHORUS AND POTASSIUM EACH, ALL AT THE RATE OF 60 LBS./ACRE IN ACCORDANCE WITH SECTION 250.
 - METHOD 2 MULCH PER SECTION 251.
 - CONTRACTOR SHALL MAINTAIN RESTORED AREA AS NEEDED UNTIL GERMINATION IS COMPLETED AND THE OWNER, OR LOCAL AGENCY HAVING JURISDICTION, HAS ACCEPTED THE WORK.
- FOR EACH PHASE OF WORK, THE CONTRACTOR RESPONSIBLE FOR THAT WORK IS TO PROVIDE QUALIFIED PERSONNEL WHO SHALL INSPECT:
 - DISTURBED AREAS OF THE CONSTRUCTION SITE WHICH HAVE NOT BEEN STABILIZED WITH IMPERVIOUS MATERIALS OR VEGETATIVE GROUND COVER.
 - STRUCTURAL CONTROL MEASURES (I.E. SILT FENCE, INLET FILTER BASKETS, ETC.).
 - OFF SITE ROADS AND ON SITE PAVEMENTS WHICH THE CONTRACTOR'S VEHICLES AND OR EQUIPMENT OPERATE.
- SUCH INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT THAT HAS 0.5 INCHES OR MORE OF PRECIPITATION. ALL INSPECTIONS SHALL BE IN CONFORMANCE WITH THE STORM WATER POLLUTION PREVENTION PLAN INSPECTION REQUIREMENTS.
- ANY STOCKPILE OF TOPSOIL MAINTAINED ON SITE SHALL BE STABILIZED WITH A VEGETATION ACCORDING TO NOTE 4 ABOVE. STOCKPILE SHALL BE SURROUNDED WITH SILT FENCE.
- NOTICE OF INTENT (NOI) FOR NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEMS (NPDES) GENERAL PERMIT NO. ILR10 SHALL BE FILED WITH THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY BY THE OWNER AND/OR CONTRACTOR.

EROSION CONTROL MEASURES AND MAINTENANCE

- EROSION CONTROL SILT FENCE SHALL BE REPAIRED AND/OR SILTATION REMOVED WHEN SILTATION HAS REACHED A DEPTH EQUAL TO HALF THE HEIGHT OF THE FENCING.
- INLET FILTER BASKETS SHALL BE REMOVED AND CLEANED/REPLACED WHEN SILTATION HAS REACHED PRODUCT SPECIFICATION CAPACITY.

APPROXIMATE EROSION CONTROL MAINTENANCE SCHEDULE

ACTIVITY/TASK	BEGINNING DATE
INSTALLATION OF SILT FENCING, INLET FILTER BASKETS	OCTOBER 2026
CLEARING WILL BEGIN	OCTOBER 2026
TEMPORARY SOIL STABILIZATION MEASURES	OCTOBER 2026
CONSTRUCT BUILDINGS	OCTOBER 2026 – FEBRUARY 2027
UTILITY CONSTRUCTION	OCTOBER 2026
PAVING OF PARKING LOT/CURB	OCTOBER 2026 – NOVEMBER 2026
FINAL GRADING / ESTABLISHMENT OF PERMANENT VEGETATIVE COVER/LANDSCAPING	MAY 2026
REMOVAL OF TEMPORARY MEASURES	JULY 2027
PROJECT COMPLETION	JULY 2027

SEE SHEET C6.00 FOR EROSION CONTROL PLAN.

VILLAGE OF NEW LENOX'S STANDARD DETAILS TAKE PRECEDENCE OVER ALL OTHER DETAILS.



REVISIONS				DOCUMENTATION:			
No.	DATE	DESCRIPTION	BY	No.	DATE	DESCRIPTION	BY

PROJECT No.: 20230273.00
DATE OF ORIGIN: 5-08-2025
FIELD BOOK: 8-79
PAGE NUMBER: 54
DRAWN BY: R.P. / K.R.
CHECKED BY: J.H.

THE WILL GROUP
ENGINEERING

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Invoicing: 401 S. Carlton Avenue, Wheaton, IL 60187 | www.thewillgroup.com

PROJECT TITLE:

PROPOSED IMPROVEMENT
400 W. MAPLE STREET
NEW LENOX, ILLINOIS 60451

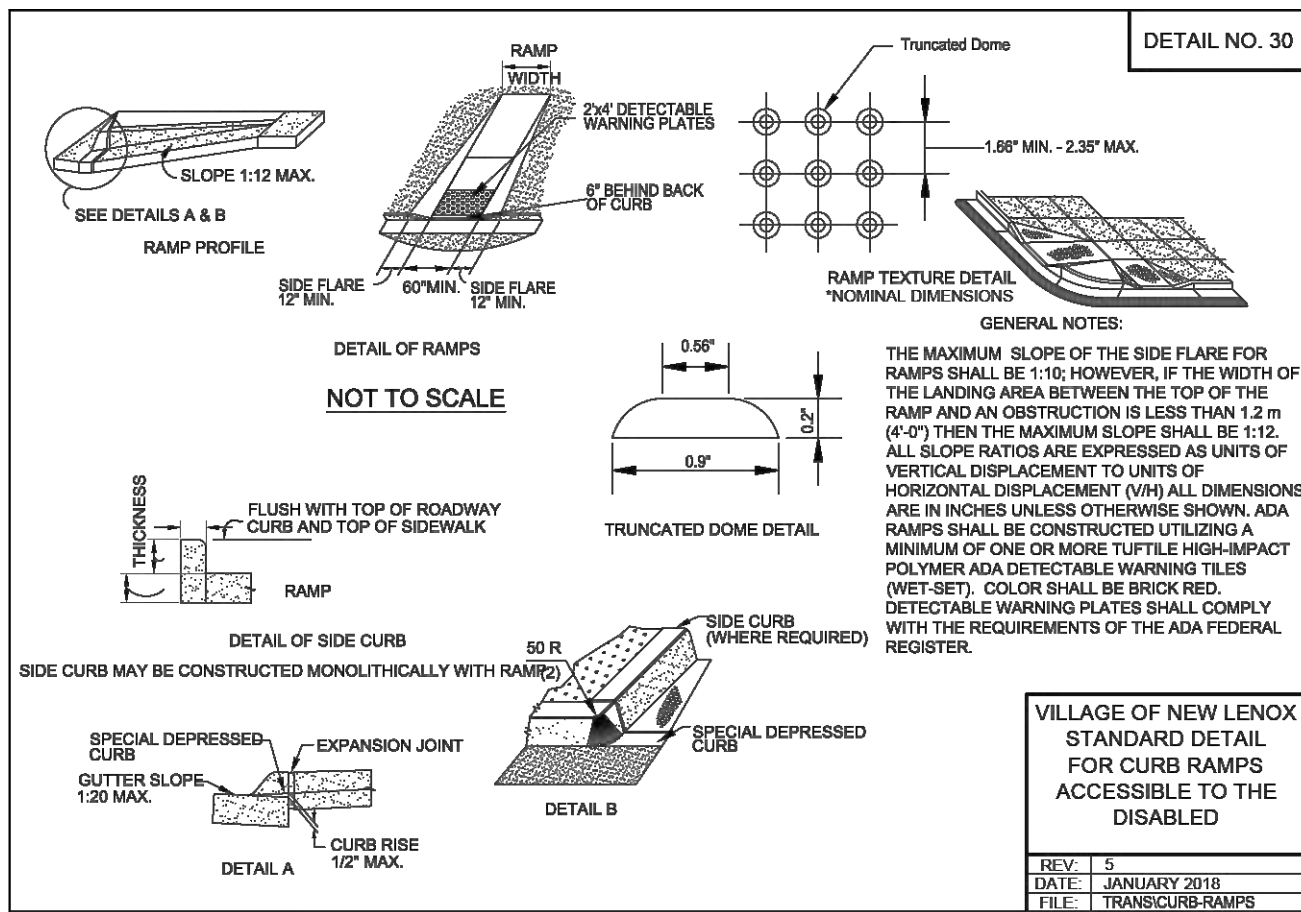
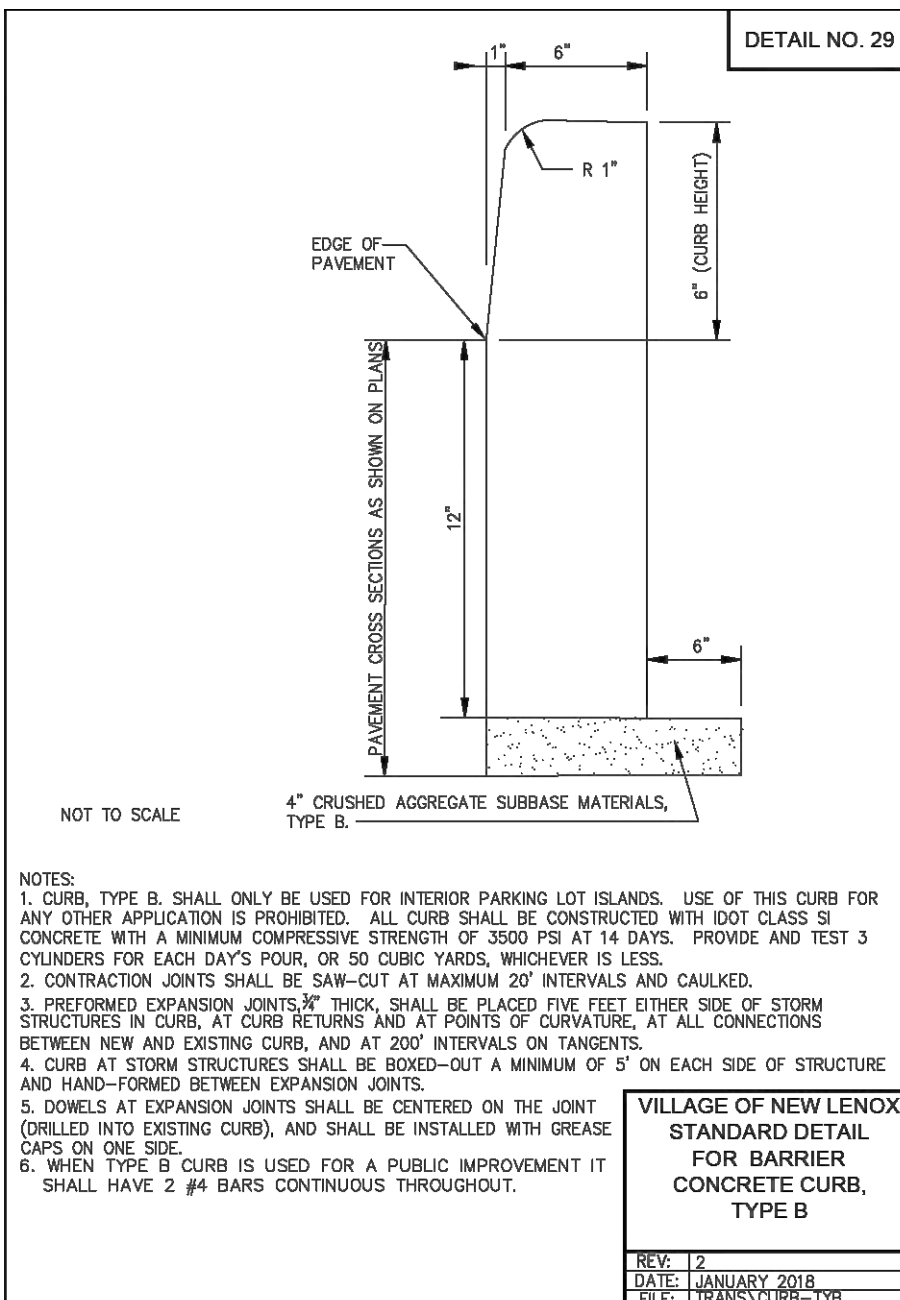
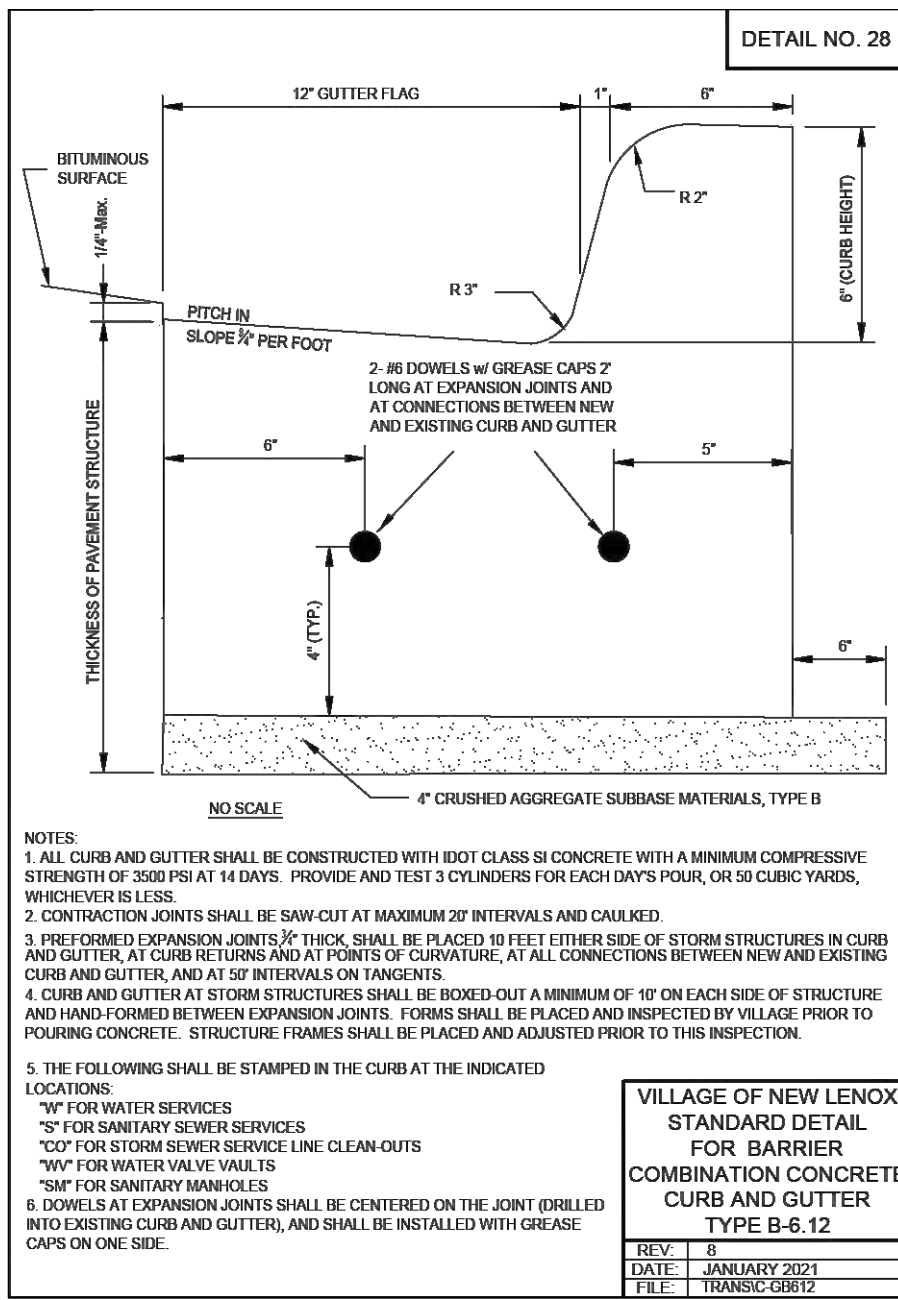
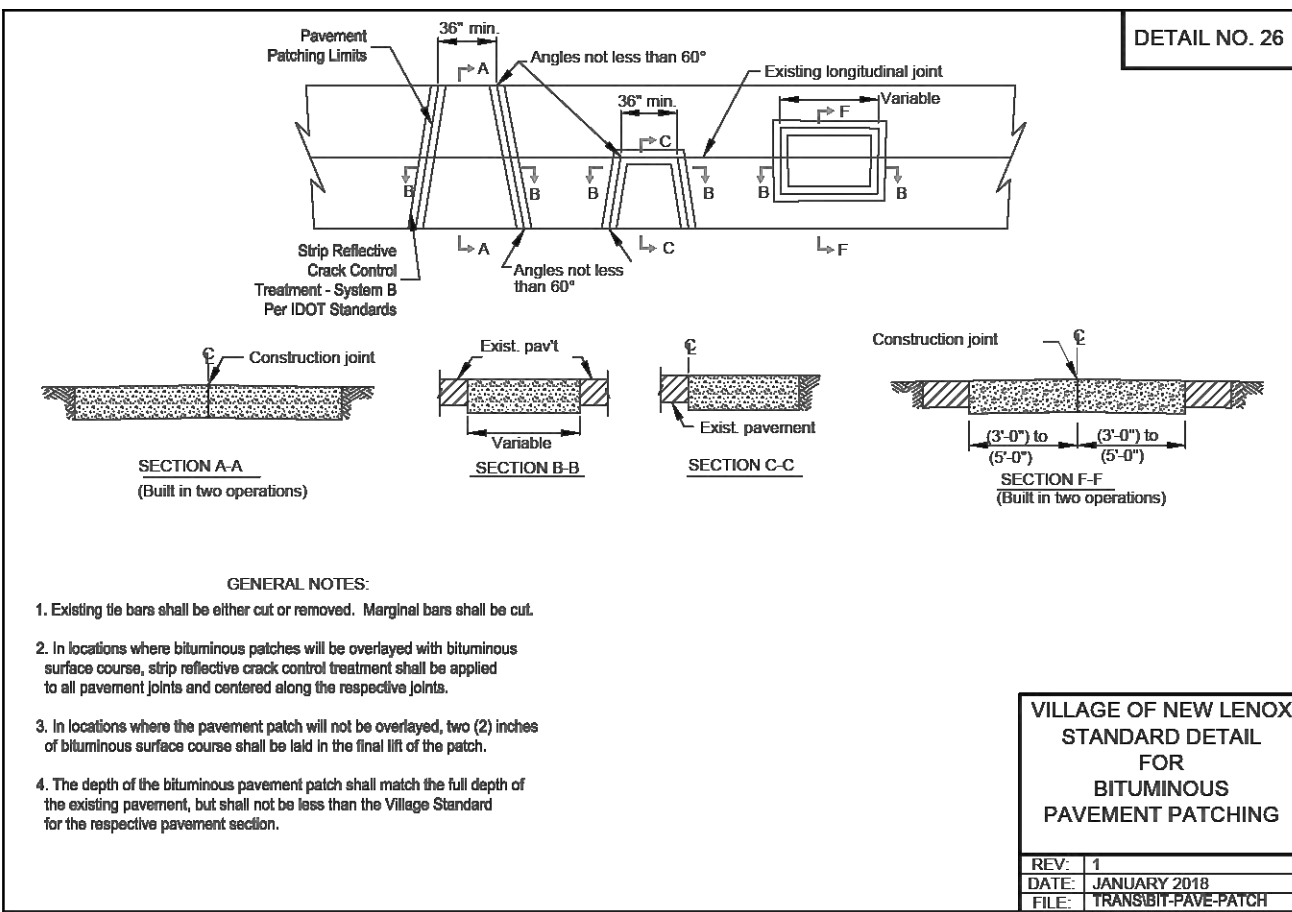
DRAWING TITLE:

EROSION CONTROL NOTES
AND DETAILS

DRAWING No.
323-0273-C1

SCALE:
AS NOTED

SHEET
C6.01



SITE CONSTRUCTION GENERAL NOTES:

- THE LOCATION OF EXISTING UNDERGROUND FACILITIES ARE SHOWN ON THE PLANS FOR THE CONVENIENCE OF THE BIDDER ONLY. THE OWNER OR ENGINEER ASSUMES NO RESPONSIBILITY WHATSOEVER IN RESPECT TO THE SUFFICIENCY OR ACCURACY OF THE INFORMATION SHOWN ON THE PLANS RELATIVE TO THE LOCATION OF UNDERGROUND FACILITIES. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH FACILITIES.
- ALL NEW CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" LATEST EDITION; AND "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" - ILLINOIS DEPARTMENT OF TRANSPORTATION, LATEST EDITION, AND THE SUBDIVISION REGULATIONS OF THE VILLAGE OF NEW LENOX.
- ALL WORK SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE VILLAGE OF NEW LENOX.
- CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND NOTIFY THE OWNER, VILLAGE AND ENGINEER IF THERE IS ANY DISCREPANCY BETWEEN THE PLANS AND EXISTING CONDITIONS PRIOR TO PROCEEDING WITH ANY STAGE OF CONSTRUCTION OF PROPOSED IMPROVEMENTS.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COMPLETELY REMOVE AND PROPERLY DISPOSE OF EXISTING STRUCTURES, DEBRIS, WASTES AND VEGETATION FROM THE SITE AS NOTED ON THE PLAN OR AS MAY BE REQUIRED TO PROPERLY COMPLETE HIS WORK. ALL DEBRIS AND SURPLUS MATERIALS REMOVED FROM THE SITE SHALL BE PROPERLY DISPOSED OF BY THE CONTRACTOR. NO ON-SITE BURNING OR BURIAL SHALL BE ALLOWED.
- THE CONTRACTOR SHALL MAINTAIN THE SITE IN A CLEAN AND ORDERLY MANNER AT ALL TIMES. DEBRIS AND SURPLUS MATERIAL CLEAN UP AND REMOVAL SHALL PROCEED AS THE WORK PROCEEDS.
- GRANULAR BACKFILL TO BE CRUSHED LIMESTONE CA-7.

TRAFFIC CONTROL:

- ALL WORK CONDUCTED WITHIN ANY PUBLIC RIGHT OF WAY SHALL BE GOVERNED BY THE APPLICABLE ARTICLES OF THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS". WORK SHALL INCLUDE FURNISHING, INSTALLING, MAINTAINING, RELOCATING AND REMOVING ALL TRAFFIC CONTROL DEVICES USED FOR THE PURPOSE OF REGULATING, WARNING OR DIRECTING TRAFFIC DURING THE CONSTRUCTION OF ANY IMPROVEMENTS, LOADING AND UNLOADING OF MATERIALS, MOBILIZATION OF EQUIPMENT, CLEANING OF PAVEMENTS, OR WHENEVER THE SAFETY OF WORKERS OR TRAFFIC MAY BE AN ISSUE.
- TRAFFIC CONTROL DEVICES INCLUDE: SIGNS AND THEIR SUPPORTS, SIGNALS, PAVEMENT MARKINGS, BARRICADES WITH SAND BAGS, CHANNELING DEVICES, WARNING LIGHTS, ARROW BOARDS, FLAGGERS, OR ANY OTHER DEVICE USED FOR THE PURPOSE OF REGULATING, WARNING OR GUIDING TRAFFIC THROUGH THE CONSTRUCTION ZONE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER LOCATION, INSTALLATION, AND ARRANGEMENT OF ALL TRAFFIC, ANY DROP OFF GREATER THAN TWO INCHES WITHIN EIGHT FEET OF THE PAVEMENT EDGE SHALL BE PROTECTED BY TYPE I OR II BARRICADES WITH IDOT APPROVED WARNING LIGHTS.
- TRAFFIC CONTROL DEVICES AND MEASURES SHALL BE SUBJECT TO APPROVAL AND INSPECTION BY ANY AND ALL GOVERNING AUTHORITIES THAT MAY HAVE JURISDICTION OVER THE ROADWAY AND / OR ADJACENT RIGHT OF WAYS.

STORM SEWER:

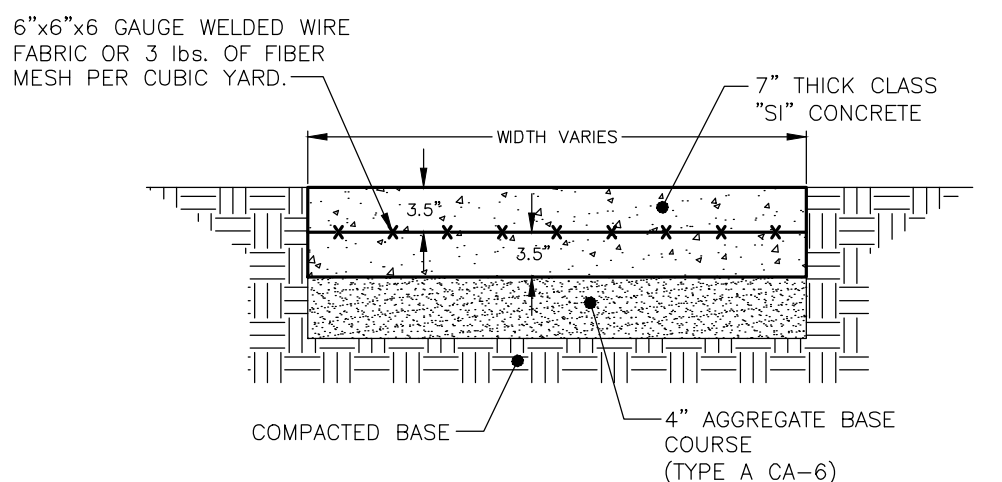
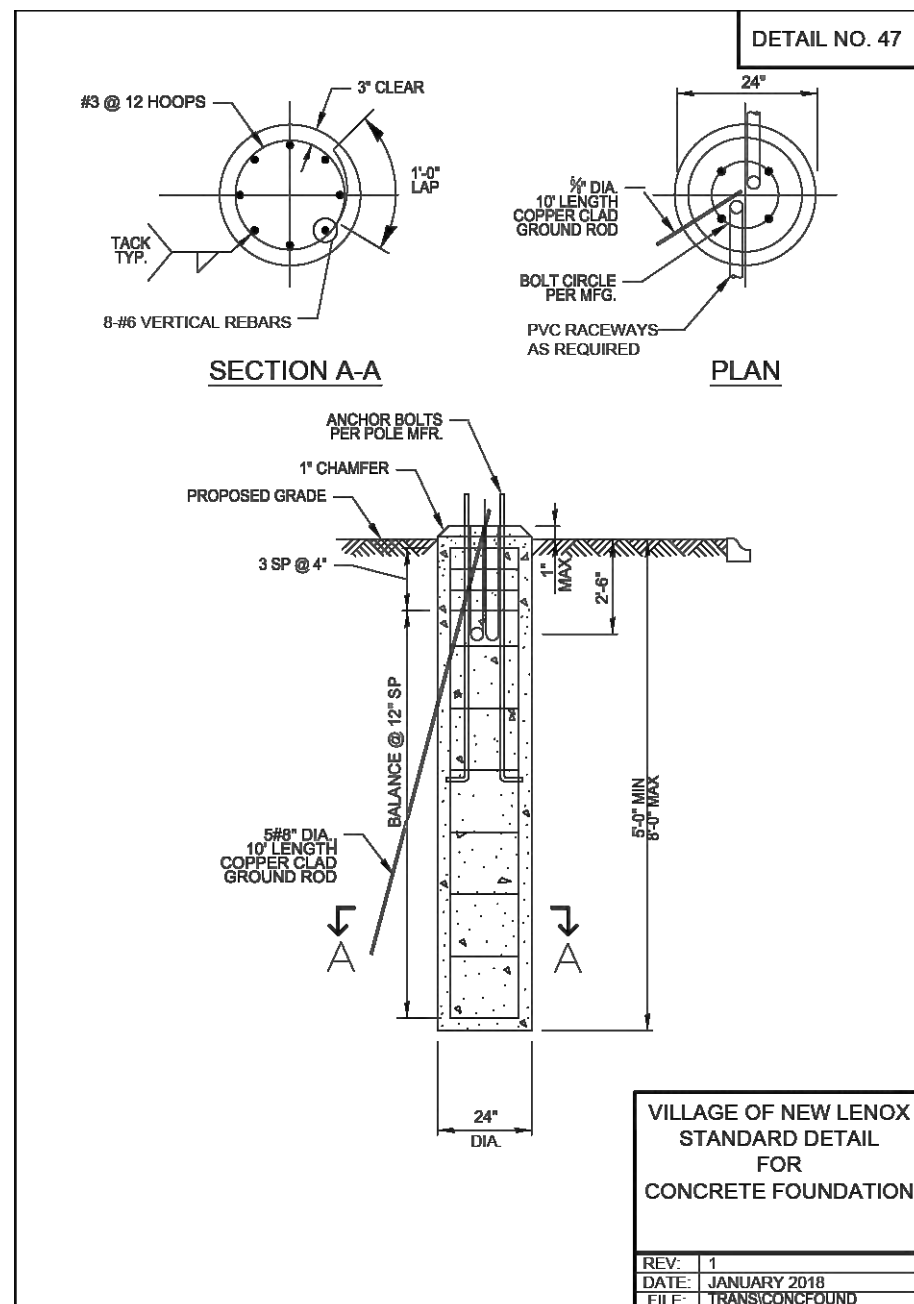
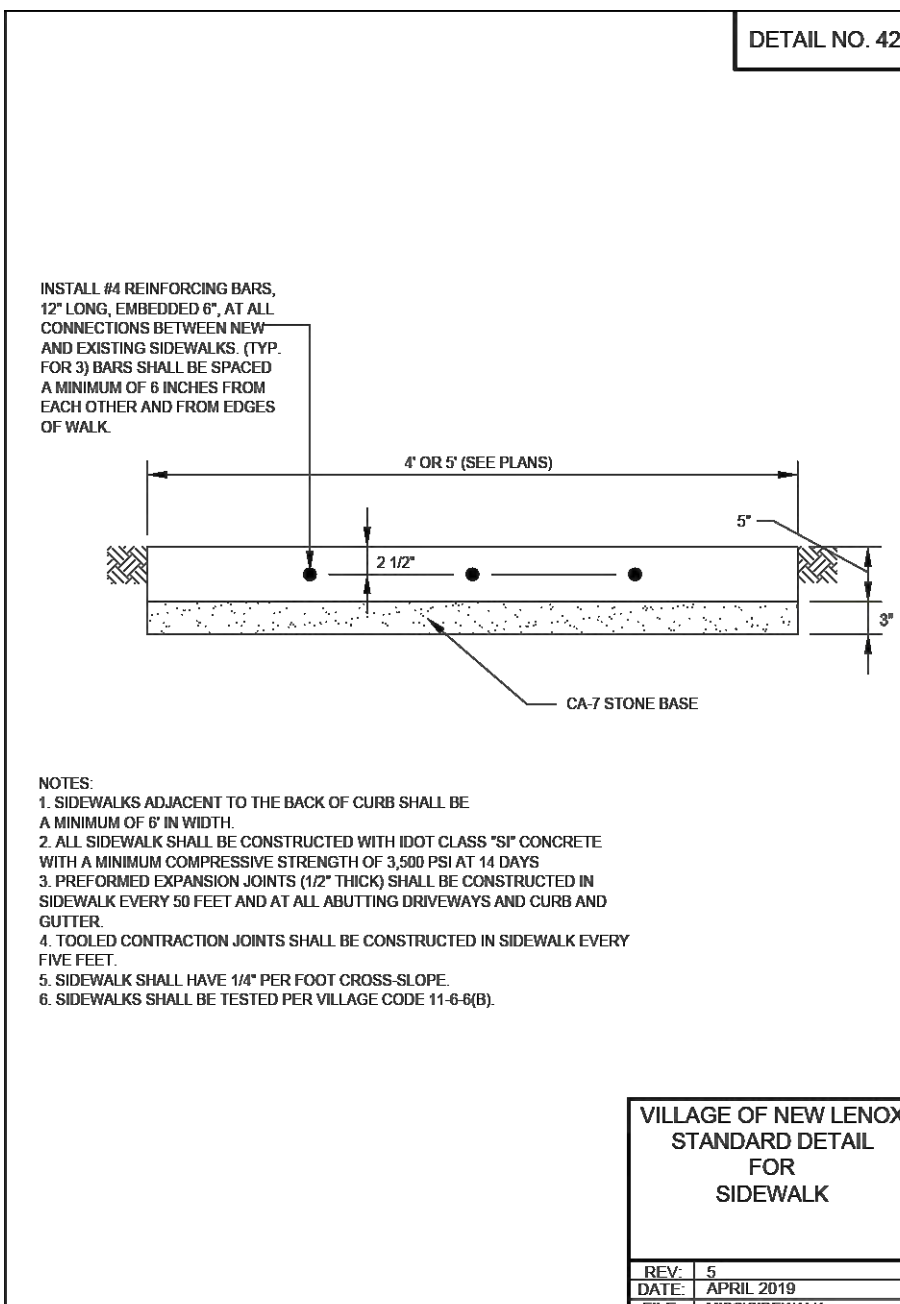
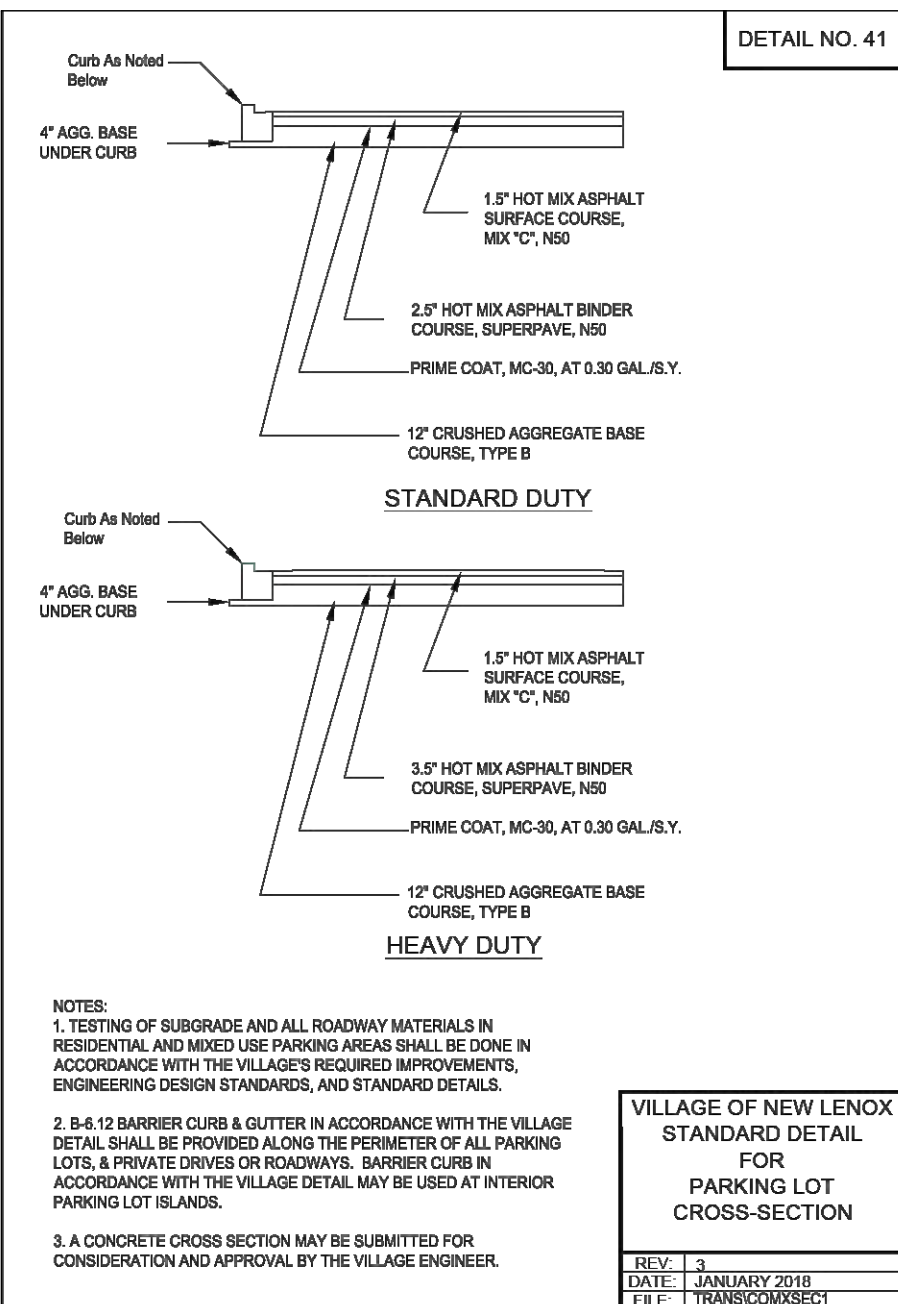
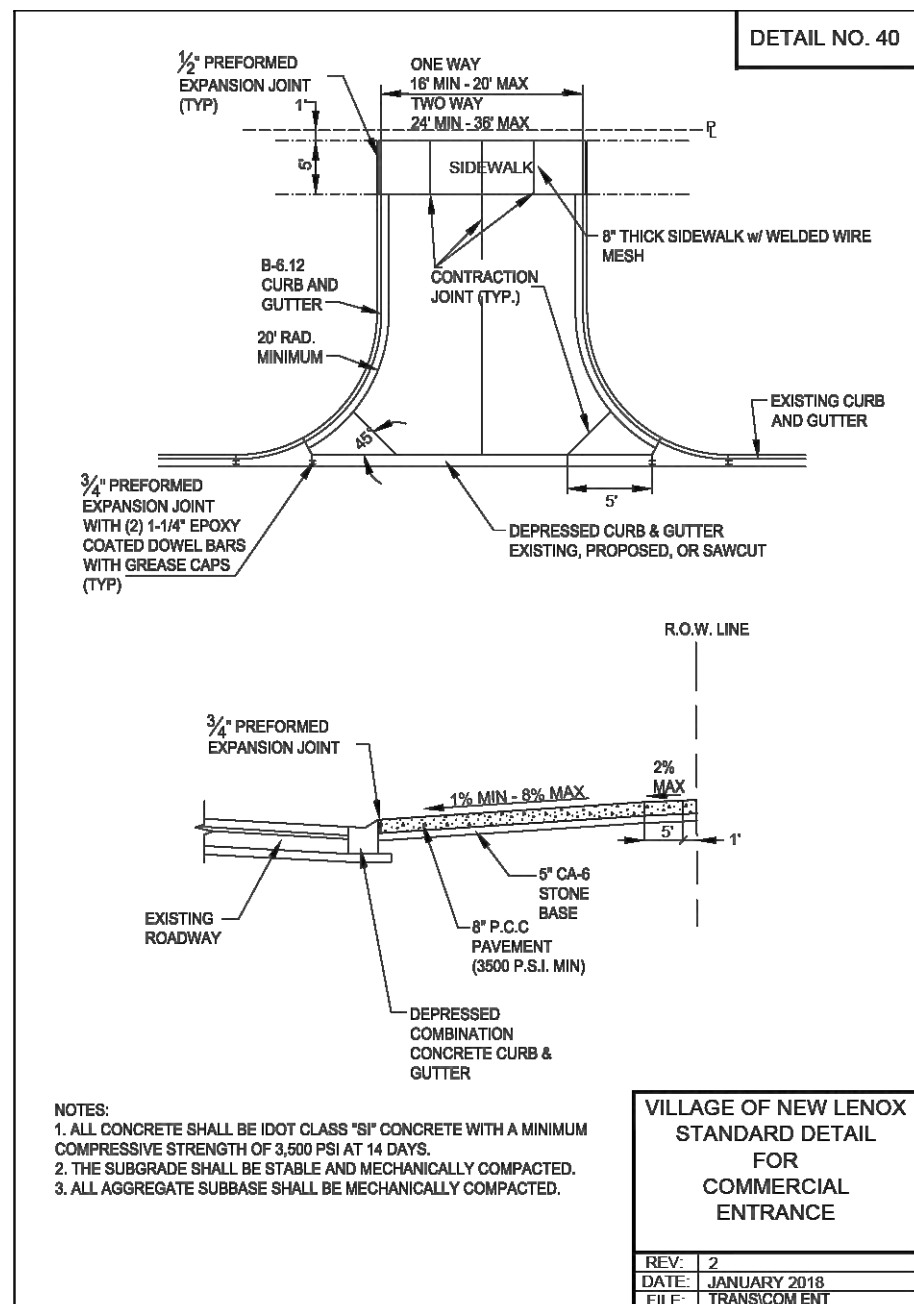
- STORM SEWER SHALL BE REINFORCED CONCRETE PIPE CONFORMING TO ASTM C76 WALL THICKNESS B, AND O-RING JOINTS CONFORMING TO ASTM C443. ALL REINFORCED CONCRETE PIPE SHALL BE CLASS IV.

PROJECT SPECIFICATIONS AND VILLAGE GENERAL CONSTRUCTION NOTES:

THE PROJECT SPECIFICATIONS AND GENERAL CONSTRUCTION NOTES SHALL INCLUDE THE FOLLOWING PROVISIONS:

- ALL ON-SITE AND OFF-SITE IMPROVEMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE "VILLAGE OF NEW LENOX".
- PERMITS SHALL BE OBTAINED FROM ALL OUTSIDE GOVERNMENTAL AGENCIES HAVING JURISDICTION.
- ALL STRUCTURE ADJUSTMENTS SHALL BE ACCOMPLISHED IN CONFORMANCE WITH THE MOST RECENT VILLAGE STANDARD.
- EXISTING FIELD TILES ENCOUNTERED DURING CONSTRUCTION SHALL BE EITHER INTEGRATED INTO THE SITE DRAINAGE SYSTEM, REMOVED OR PLUGGED IN A MANNER DEEMED APPROPRIATE BY THE VILLAGE ENGINEER.
- THE DEVELOPER SHALL BE RESPONSIBLE FOR ALL ADJUSTMENTS BEFORE AND AFTER FINAL INSPECTION, PRIOR TO FINAL ACCEPTANCE BY THE VILLAGE OF NEW LENOX.
- THE VILLAGE MUST HAVE FORTY-EIGHT (48) HOURS NOTICE PRIOR TO THE INITIATION OF CONSTRUCTION ACTIVITY.
- THE TESTING AND STERILIZATION OF ALL NEW WATER DISTRIBUTION FACILITIES SHALL BE BY AN OUTSIDE TESTING SERVICE.
- MATERIAL SPECIFICATIONS COMPLY WITH VILLAGE STANDARDS AND INCLUDE:
A.) PAVING BASE MATERIALS
B.) PAVING SURFACE MATERIALS
C.) CONCRETE MATERIALS
D.) PIPE MATERIALS
- ALL RESTORATION WORK IN THE PUBLIC RIGHT-OF-WAY SUBJECT TO THE SPECIFIC APPROVAL OF THE VILLAGE ENGINEER.
- VILLAGE POLICE DEPARTMENT, FIRE DISTRICT, SCHOOL DISTRICTS AND ADMINISTRATION SHALL BE NOTIFIED A MINIMUM OF FORTY-EIGHT (48) HOURS PRIOR TO ROAD OR WATERMAIN SHUTDOWNS. A COPY OF THE VILLAGE NOTIFICATION SHEET NEEDS TO BE OBTAINED.
- ROAD CLOSURES AND OPEN CUTTING OF PAVEMENT REQUIRE BOARD APPROVAL.
- CONTRACTOR SHALL CONTACT J.U.L.I.E. (1-800-892-0123) OR 811 PRIOR TO ANY EXCAVATION WORK (INCLUDING SECTION, TOWNSHIP, AND RANGE NUMBERS OF PROPERTY WITH NOTE).

VILLAGE OF NEW LENOX'S STANDARD DETAILS TAKE PRECEDENCE OVER ALL OTHER DETAILS.



NOTE:

- A.D.A. PARKING SYMBOL SHALL BE PAINTED HIGH VISIBILITY YELLOW.

A.D.A. PARKING SYMBOL

TYPICAL SIGN INSTALLATION

NOT TO SCALE

RESERVED PARKING

U.S. DOT R7-8

\$500 FINE

ILLINOIS STANDARD R7-1101

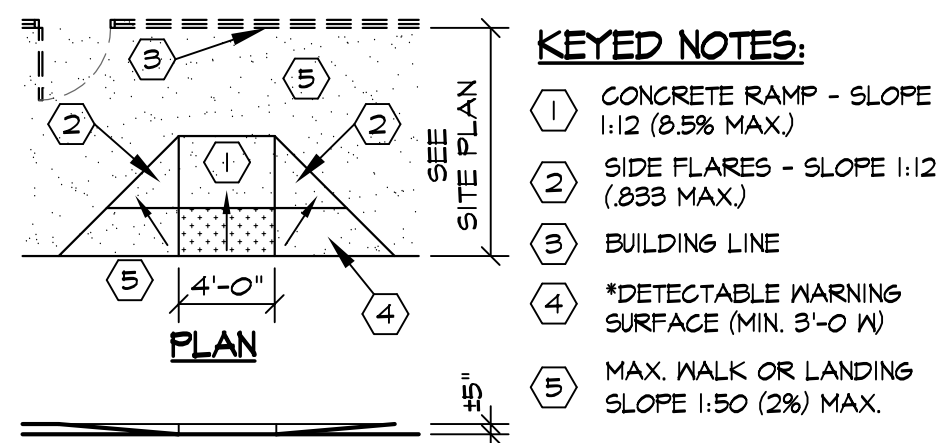
TO BE MOUNTED BELOW R7-8 SIGN

A.D.A. PARKING SIGN INSTALLATION

NOT TO SCALE

- SIGNS SHALL MEET ALL OF THE REQUIREMENTS OF THE ILLINOIS ADMINISTRATIVE CODE, LATEST EDITION FOR HANDICAPPED PARKING SIGNS.
- FINE IMPOSED MAY BE HIGHER IF REQUIRED BY LOCAL ORDINANCES, CONTRACTOR TO CONFIRM WITH CITY PRIOR TO INSTALLATION.

R E V I S I O N S								DOCUMENTATION:		PROJECT TITLE: DRAWING TITLE: PROJECT No.: 20230273.00 DATE OF ORIGIN: 5-08-2025 FIELD BOOK: 8-79 PAGE NUMBER: 54 DRAWN BY: R.P. / K.R. CHECKED BY: J.H. THE WILL GROUP ENGINEERING Main Address: 129 Capista Drive, Shorewood, IL 60404 Phone: 815-744-6600 Invoicing: 401 S. Carlton Avenue, Wheaton, IL 60187 www.thewillgroup.com DRAWING No. 323-0273-C1 SCALE: AS NOTED SHEET C7.01																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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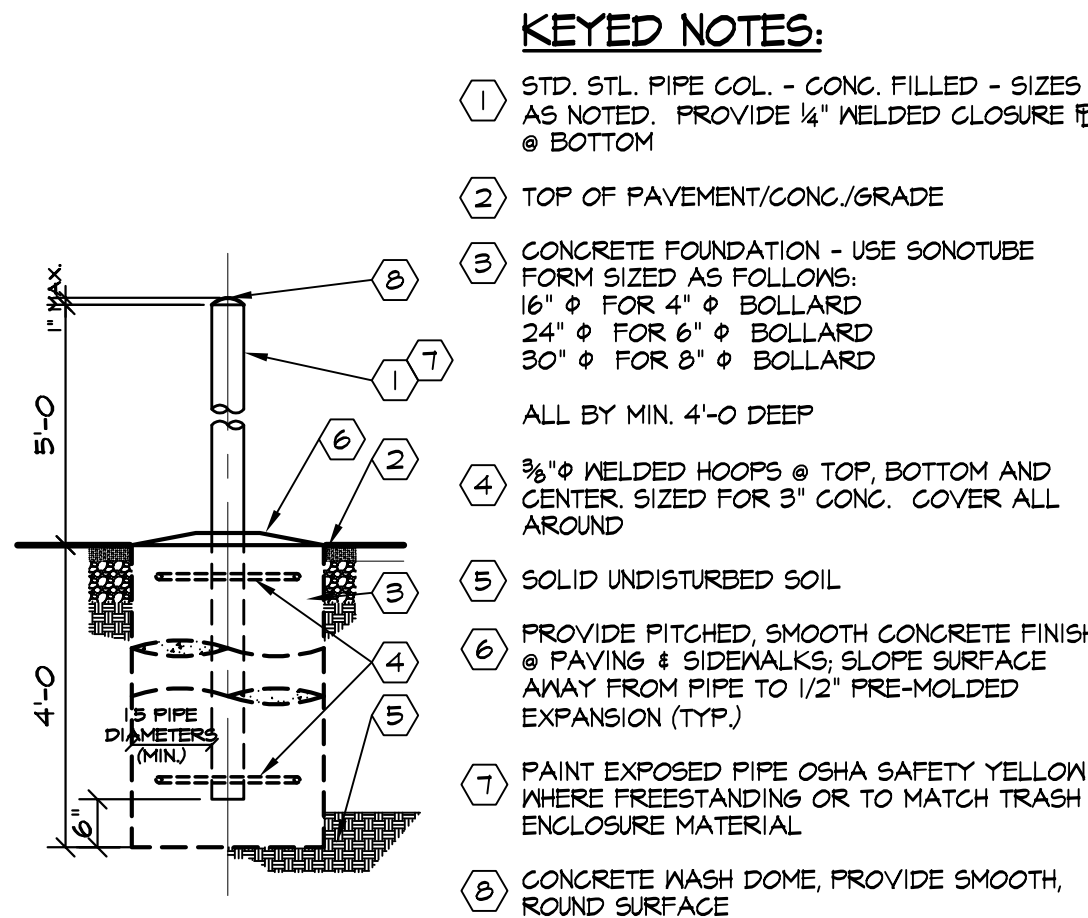
KEYED NOTES:

- 1 CONCRETE RAMP - SLOPE 1:12 (8.3% MAX)
- 2 SIDE FLARES - SLOPE 1:12 (8.3% MAX)
- 3 BUILDING LINE
- 4 *DETECTABLE WARNING SURFACE (MIN. 3'-0" W)
- 5 MAX. WALK OR LANDING SLOPE 1:50 (2%) MAX.

HDCCP. CURB RAMP

SCALE: 1/8" = 1'-0"

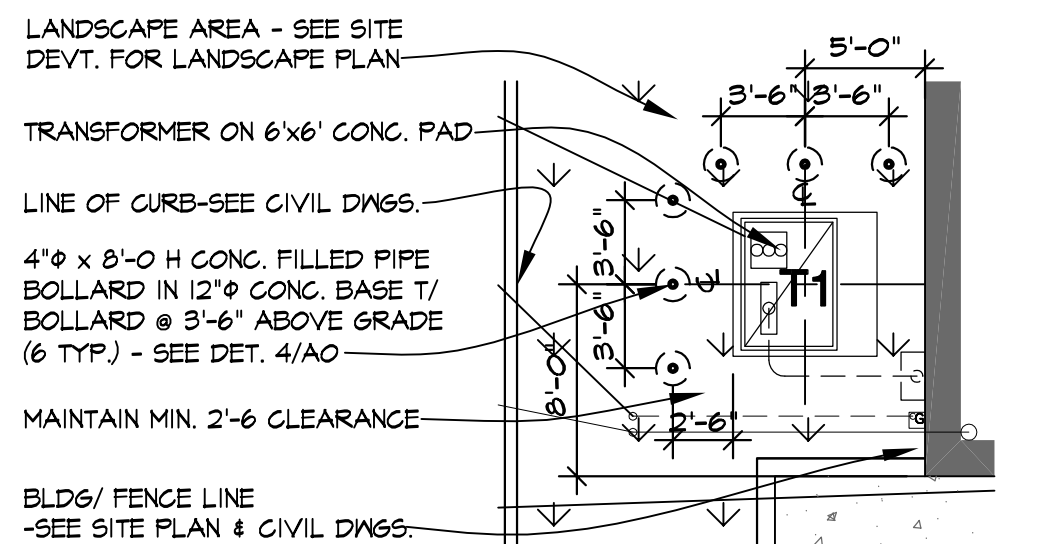
5



TYP. PIPE BUMPER GUARDS

SCALE: 1/2" = 1'-0"

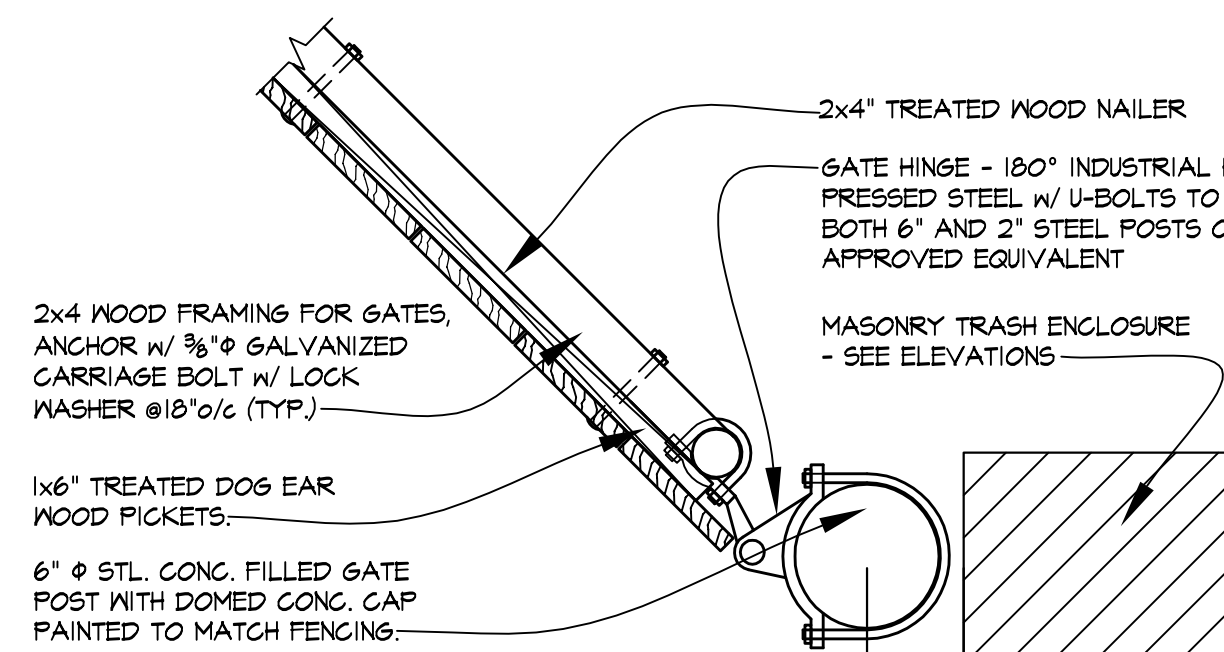
4



TRANSFORMER PAD DET.

SCALE: 1/8" = 1'-0"

3



SECTION @ TRASH GATE POST

SCALE: 1-1/2" = 1'-0"

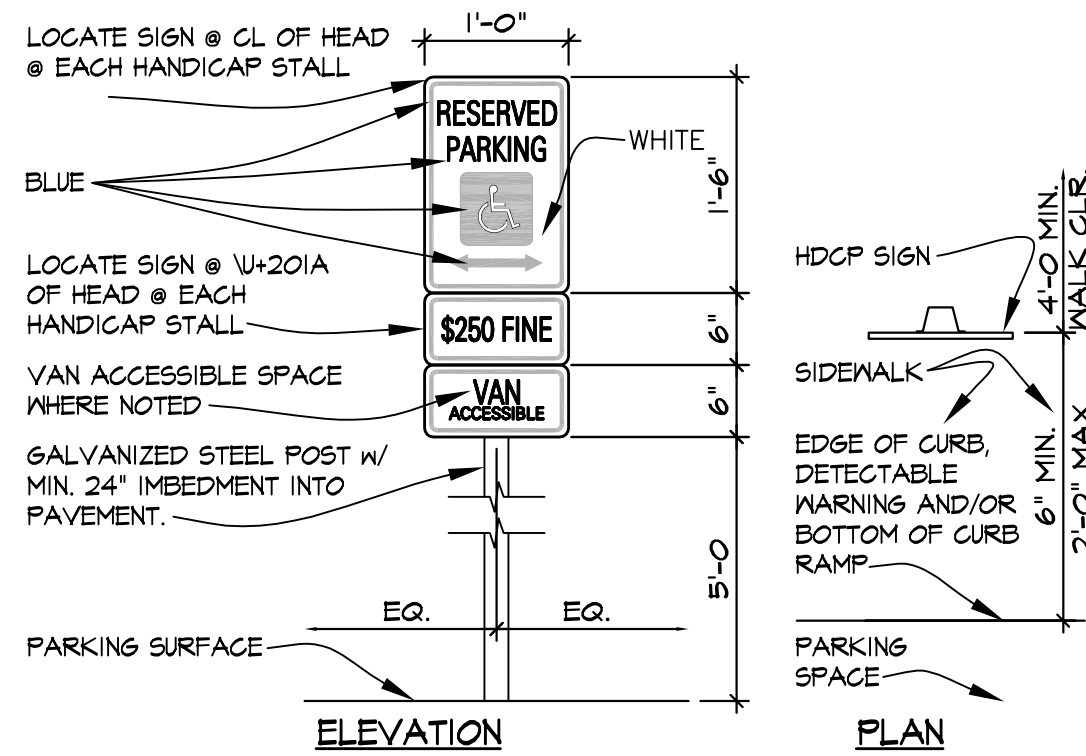
D

HANDICAPPED PARKING SIGN

EACH PARKING SPACE DESIGNATED AS RESERVED FOR ENVIRONMENTALLY LIMITED PERSONS SHALL BE EQUIPPED WITH A SIGN WHICH COMPLIES WITH SECTION 4.6.4 SIGNAGE OF THE FEDERAL REGISTER (DEPARTMENT OF JUSTICE RULES AND REGULATIONS, 28CFR PART 36) AND MEETS THE REQUIREMENTS OF SIGN RT-8 (U.S. DEPARTMENT OF TRANSPORTATION STANDARD). AT LEAST ONE OF SUCH REQUIRED SIGNS SHALL HAVE AN ADDITIONAL SIGN "VAN - ACCESSIBLE" MOUNTED BELOW THE SYMBOL OF ACCESSIBILITY. SIGNS SHALL BE LOCATED ON POST WITHIN 5' OF PARKING STALL W/ BOTTOM OF 18" SIGN @ 6'-0" ABOVE TOP OF PAVEMENT.

PROVIDE A 6" x 12" FINE SIGN WHICH COMPLIES WITH ALL APPLICABLE CODES TO BE MOUNTED DIRECTLY BELOW EACH HANDICAPPED PARKING SIGN.

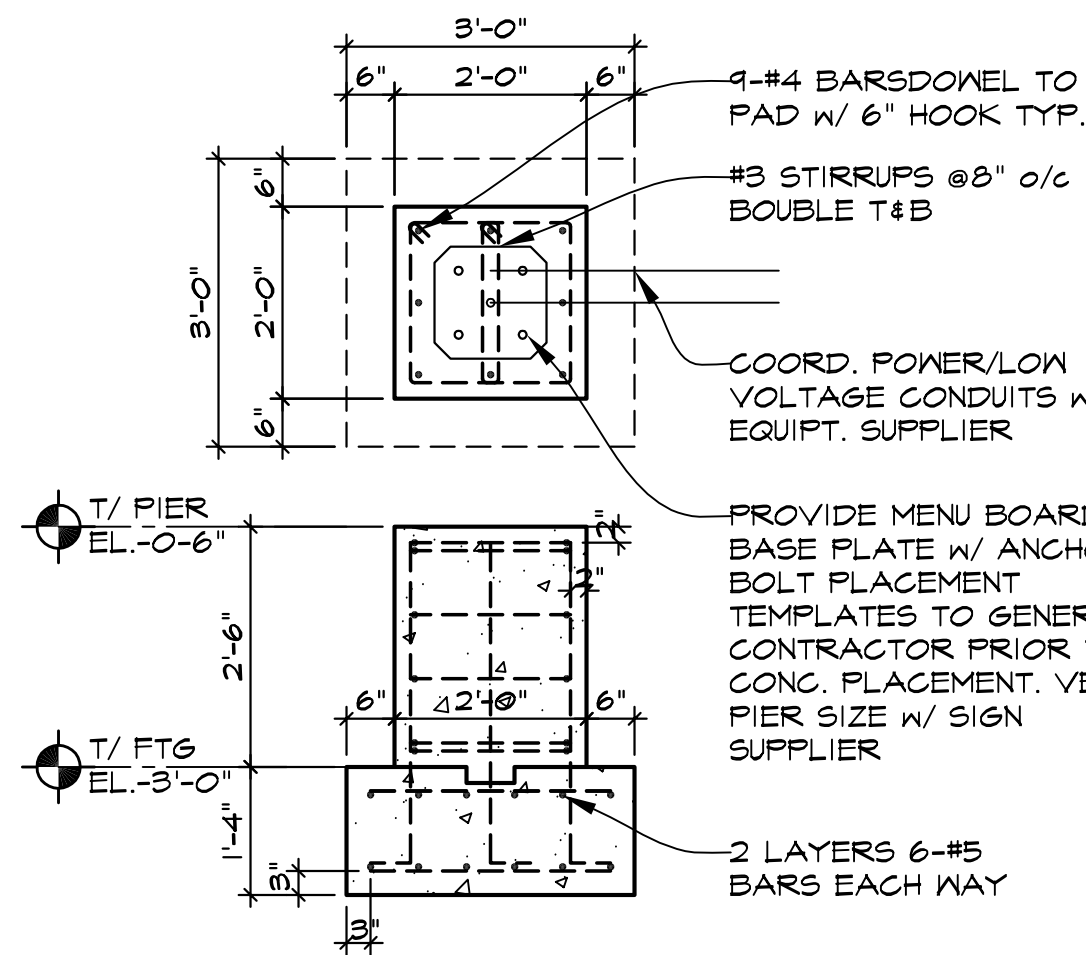
NOTE: MAY VARY BY ORDINANCE. VERIFY FINE AMOUNT W/ VILLAGE OF NEW LENOX. CENTER SIGN ON PARKING AREA EXCLUSIVE OF ACCESS AISLE.



HDCCP. PARKING SIGN

SCALE: 3/4" = 1'-0"

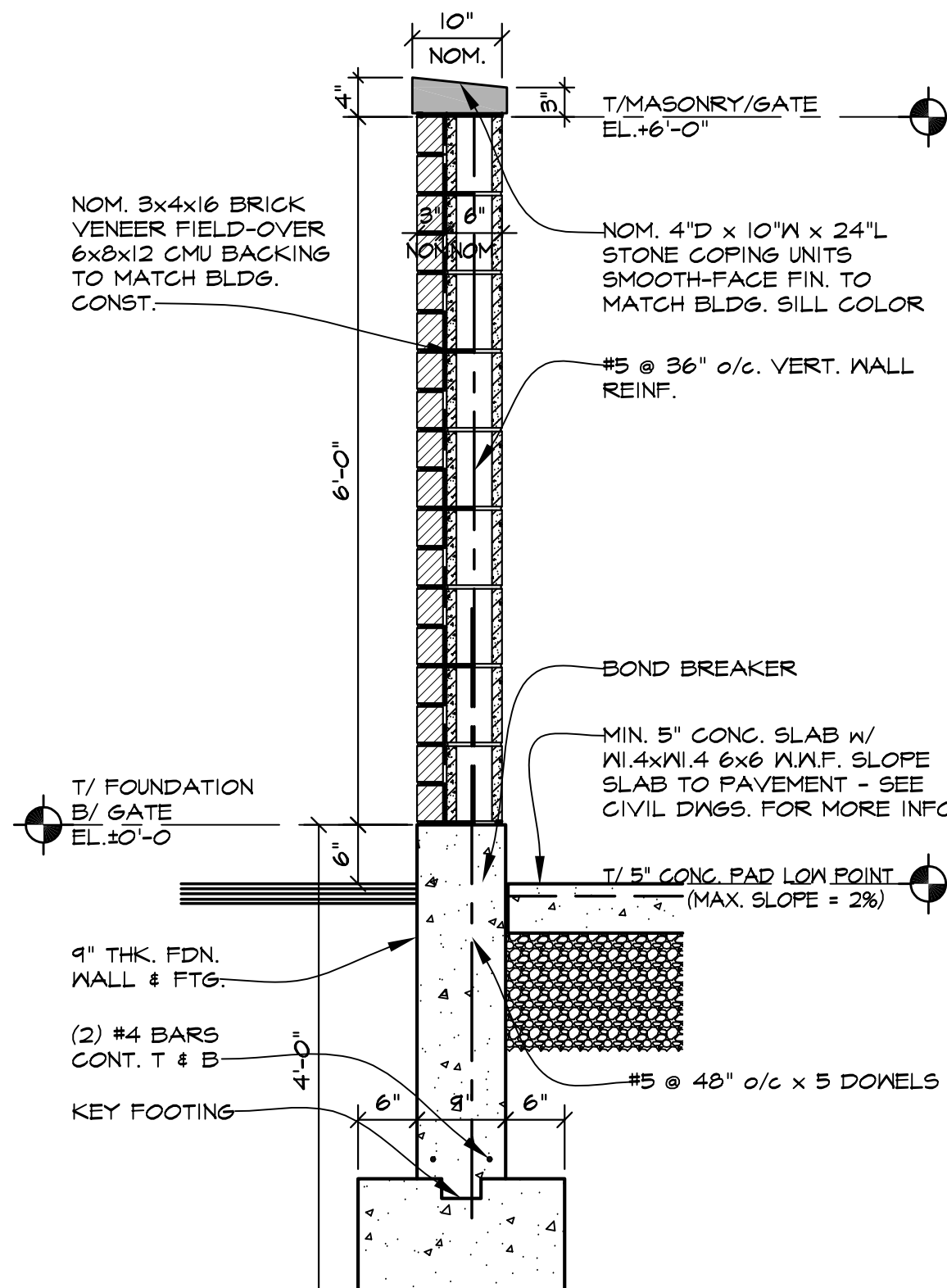
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MENU BOARD FDN DET.

SCALE: 1/2" = 1'-0"

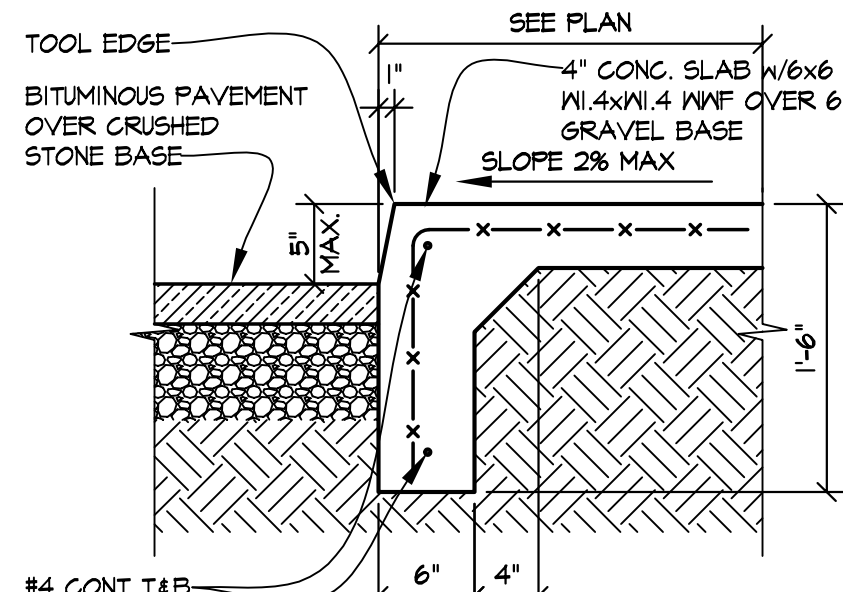
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TRASH ENCL. WALL SECTION

SCALE: 3/4" = 1'-0"

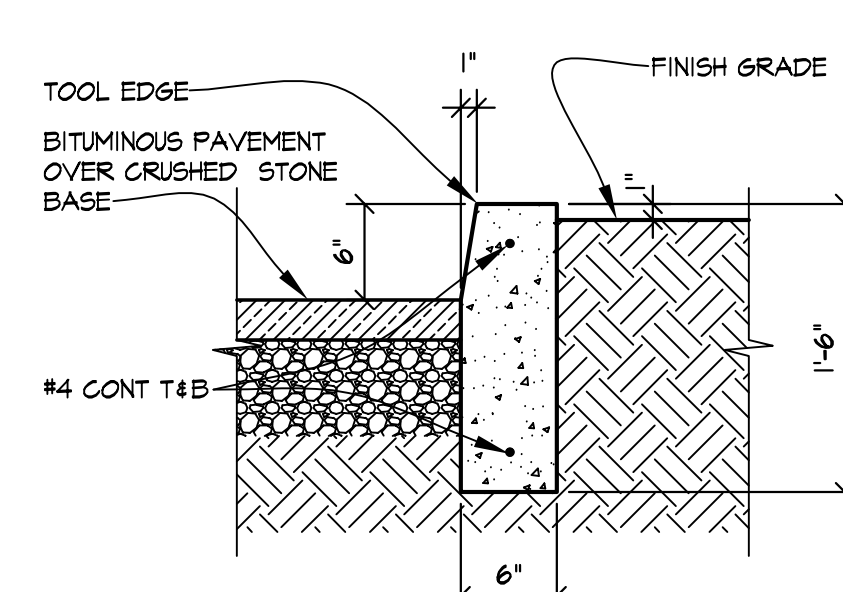
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COORD. W/ CIVIL DWGS

SCALE: 1" = 1'-0"

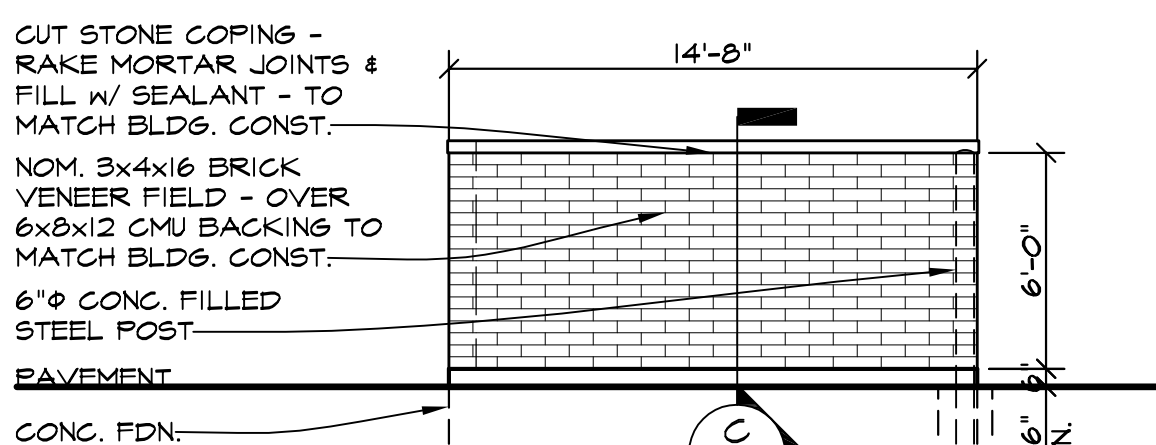
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COORD. W/ CIVIL DWGS

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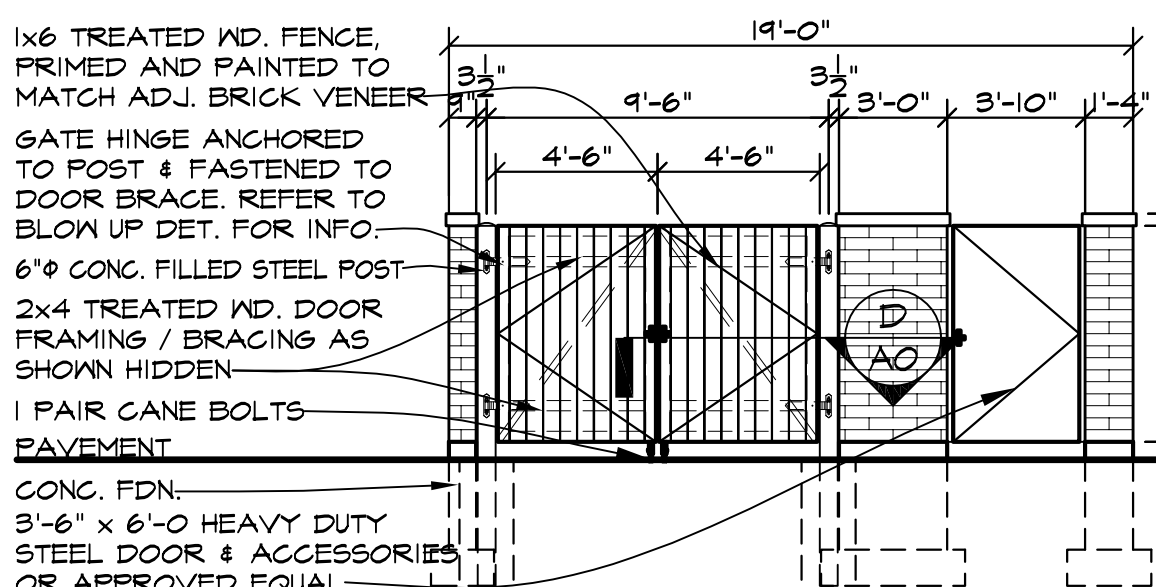
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MAS. TRASH ENCLOSURES ELEV

SCALE: 1/8" = 1'-0"

B

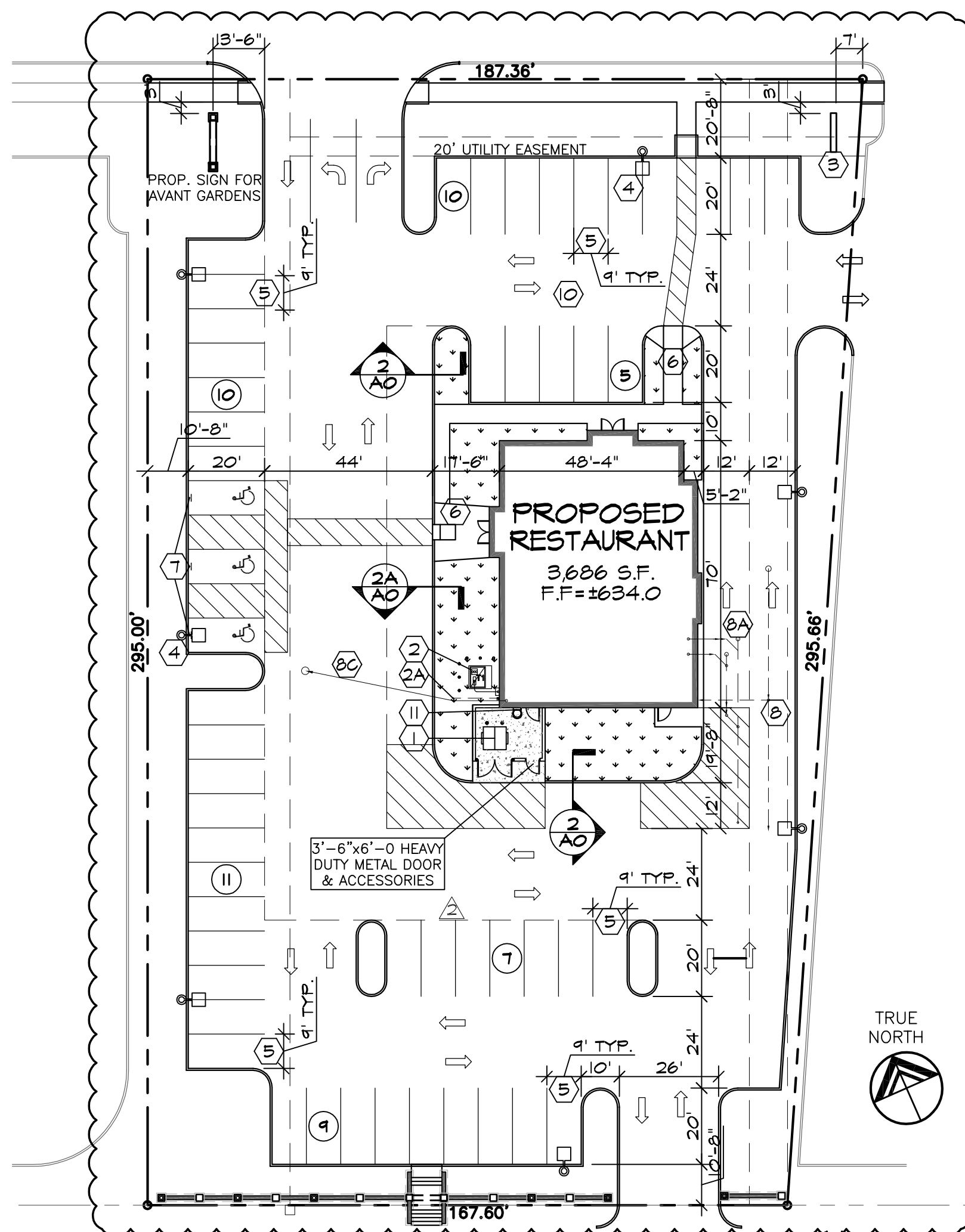


MAS. TRASH ENCLOSURES ELEV

SCALE: 1/8" = 1'-0"

A

W. MAPLE ST.
(U.S. HWY RT. 30)



SITE PLAN

SCALE: 1"=30'-0"

GENERAL SITE NOTES:

BUILDING LINES, CURBS AND STRIPING TO BE PARALLEL AND/OR PERPENDICULAR TO THE NORTH/SOUTH PROPERTY LINE UNO.

MARKINGS: APPLY PAINTED AISLE AND PARKING STALL STRIPING, CENTERLINE EDGE LINES, ADA HANDICAP SYMBOLS & FIRE LANE CURB STRIPING W/ MECHANICAL EQUIPMENT TO PROVIDE UNIFORM STRAIGHT EDGES. APPLY TWO COATS OF SHERWIN-WILLIAMS TRAFFIC MARKING PAINT AS NOTED BELOW.

LINE WIDTH SHALL BE 4" WIDE UNLESS OTHERWISE REQUIRED BY LOCAL CODES. AISLE AND PARKING STALL SHALL BE SAFETY YELLOW (SN FROM R B21Y22 OR SETFAST TM2155) ADA HANDICAP SYMBOL SHALL BE SAFETY BLUE (SN SETFAST TM2153) OR AS REQUIRED BY CODE. FIRE LINE SHALL BE SAFETY RED (SN SETFAST TM2152)

FOR MORE INFORMATION REGARDING THE SITE PLAN, REFER TO CIVIL DRAWINGS BY TMS ENGINEERING AND SITE ELECTRICAL (LIGHTING) DRAWINGS. FOR CONCRETE FLATWORK AROUND THE BUILDING REFER TO BOTH ARCHITECTURAL DRAWINGS & CIVIL DRAWINGS.

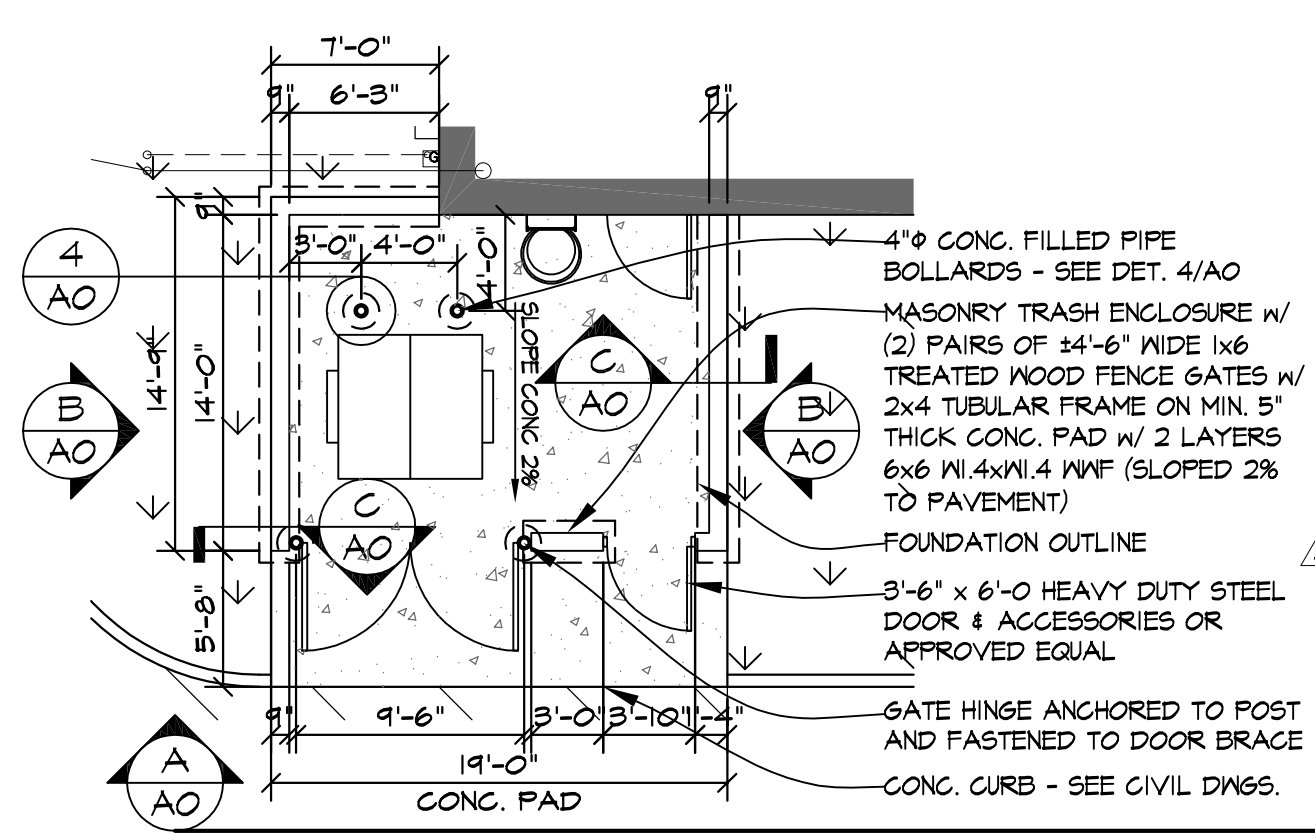
HANDICAPPED PARKING STALLS & ACCESS AISLES TO HAVE MAX. 2% SLOPE IN ANY DIRECTION. ALL OTHER ACCESSIBLE ROUTE SURFACES TO HAVE A MAXIMUM CROSS SLOPE OF 2% (1:50) AND A MAXIMUM RUNNING SLOPE OF 5% (1:20).

CONTRACTORS RESPONSIBILITY NOTES

SIGN CONTRACTOR IS RESPONSIBLE FOR PYLON SIGN FOUNDATION.

PLUMBING CONTRACTOR IS RESPONSIBLE FOR GAS PIPING - SEE MECHANICAL DRAWINGS.

ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING TEMPORARY POWER.



TRASH ENCLOSURE WALL DETAIL

SCALE: 1/8" = 1'-0"

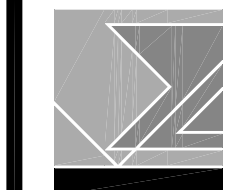
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9/21/2026
3/30/2025
8/15/2025

REVISIONS

THIS DRAWING
NOT FOR COORDINATION
NOT FOR BIDDING
NOT FOR PERMIT
NOT FOR CONTRACTING
NOT FOR CONSTRUCTION

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(847)945-6869 FAX(847)945-0284



PROPOSED
PROPERTY MANAGEMENT OFFICE
400 WEST MAPLE STREET, NEW LENOX, ILLINOIS 60451
FOR: UNLIMITED MASONRY AND CONSTRUCTION, INC.

SHEET TITLE
SITE PLAN DETAILS & NOTES
2511

Eric L. Smith
LICENSED ARCHITECT
002-036154
EXPIRES 11-30-26

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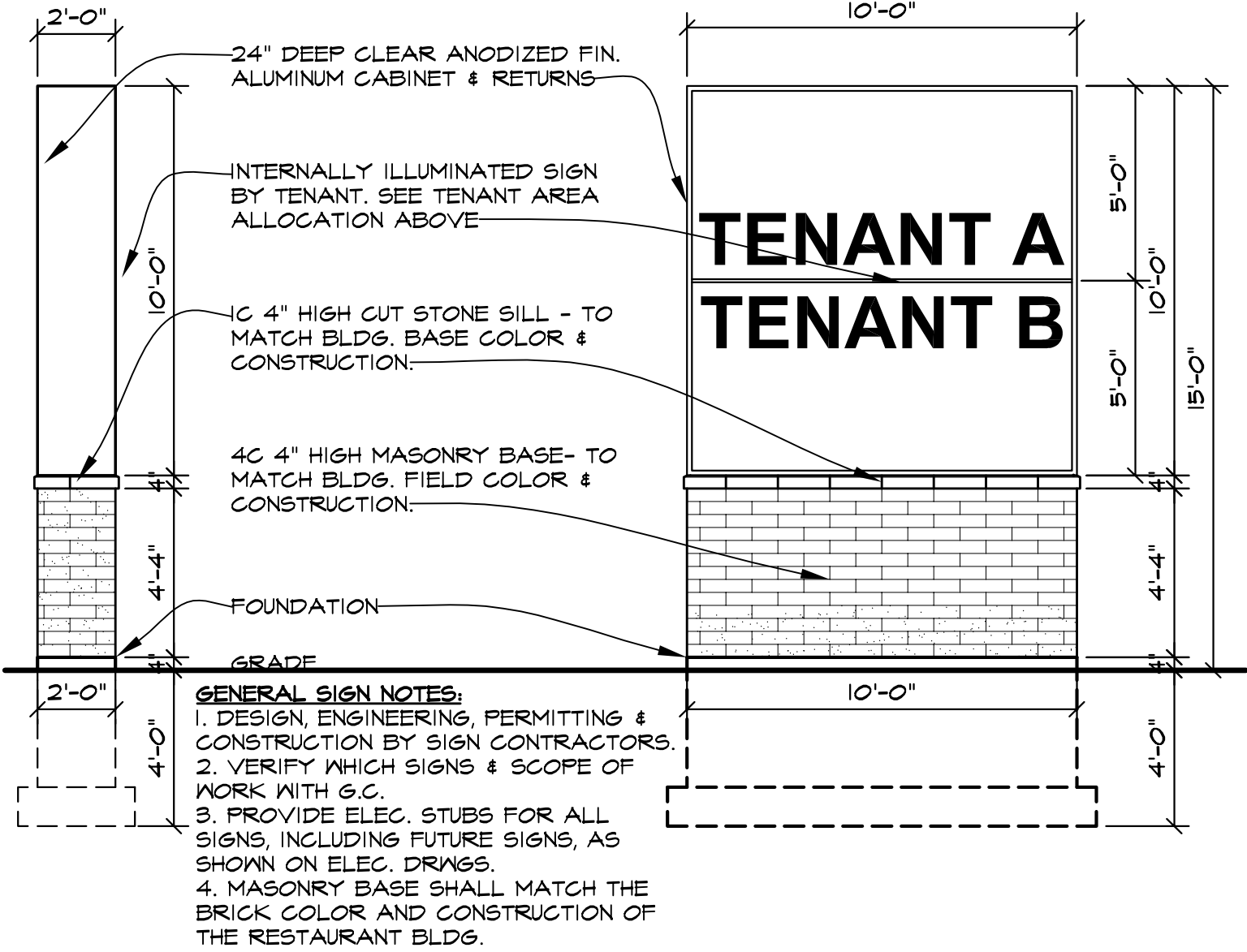
*SIGN FACE PANEL AREA:
ALLOWED = 100 S.F. MAXIMUM EACH SIDE
PROPOSED = 100 S.F. EACH SIDE/FACE

*SIGN MAXIMUM HEIGHT:
ALLOWED = 15'-0" FROM GRADE TO T/SIGN
PROPOSED = 15'-0"

*SIGN MINIMUM SETBACK:
ALLOWED = 2'-0" BEYOND PUBLIC SIDEWALK
PROVIDED = 3'-0"

*PER VILLAGE OF NEW LENOX ZONING ORDINANCE
(C-3 GENERAL BUSINESS DISTRICT)

MULTI-TENANT SIGN AREA: 80 S.F. EACH SIDE;
TENANT A = 50 S.F. EACH SIDE
TENANT B = 50 S.F. EACH SIDE



GROUND SIGN ELEVATION

SCALE: 1/4" = 1'-0"

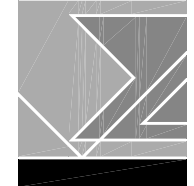
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9/21/2026
8/15/2023

REVISIONS

THIS DRAWING			
NOT FOR COORDINATION	NOT FOR BIDDING	NOT FOR PERMIT	NOT FOR CONSTRUCTION
		9/18/2028	

KMA & ASSOCIATES, ARCHITECTS
2205 LAKESIDE DRIVE
BANNOCKBURN, ILLINOIS 60015-1265
(847)945-6869 FAX(847)945-0284



PROPOSED

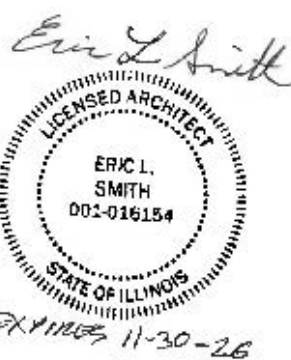
PROPERTY MANAGEMENT OFFICE

400 WEST MAPLE STREET, NEW LENOX, ILLINOIS 60451
FOR: UNLIMITED MASONRY AND CONSTRUCTION, INC.

SHEET TITLE

GROUND SIGN DETAILS & NOTES

2511



EX-11469 11-30-26

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***SIGN FACE PANEL AREA:**

ALLOWED = 100 S.F. MAXIMUM EACH SIDE
PROPOSED = 100 S.F. EACH SIDE/FACE

***SIGN MAXIMUM HEIGHT:**

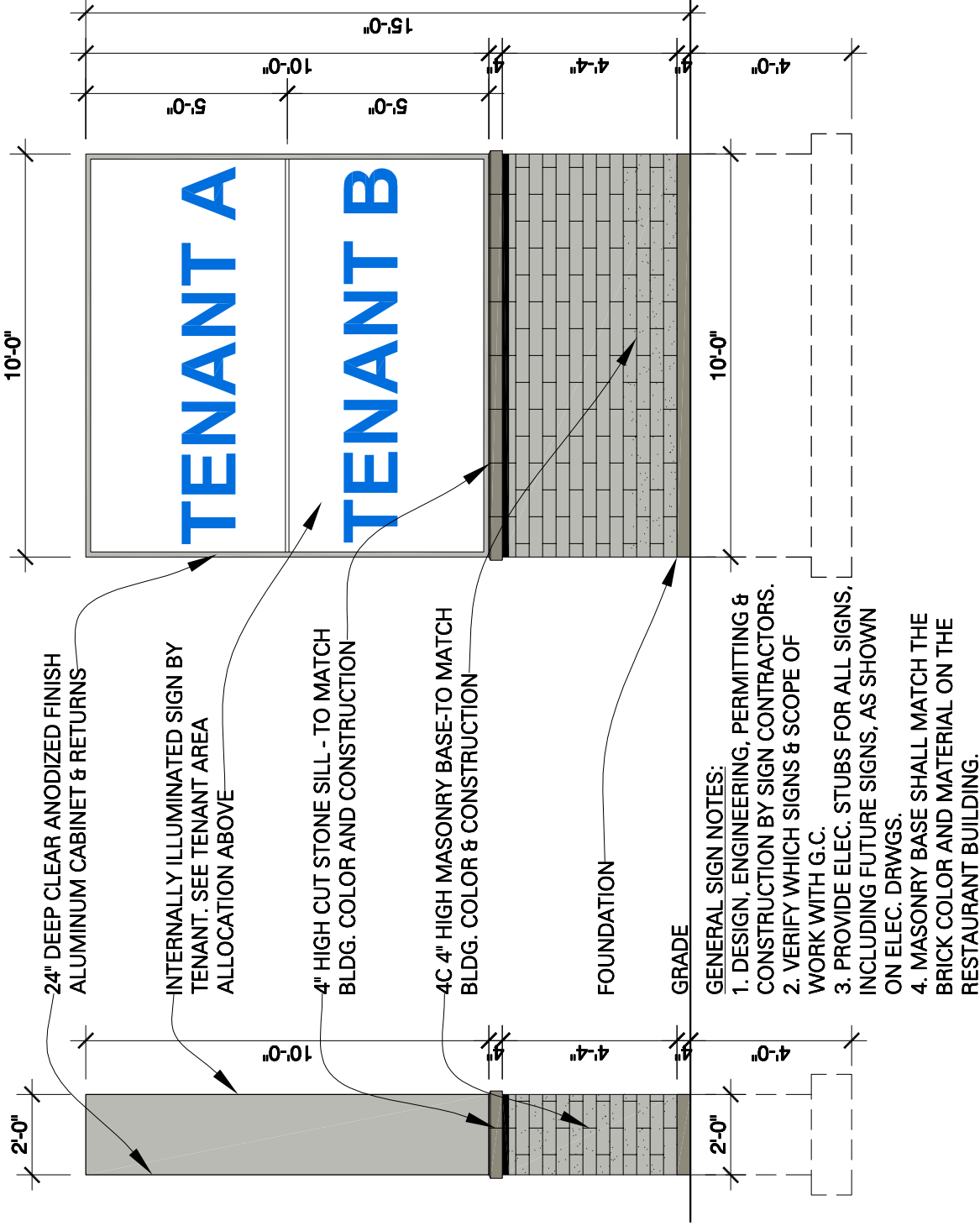
ALLOWED = 15'-0" FROM GRADE TO T/SIGN
PROPOSED = 15'-0"

***SIGN MINIMUM SETBACK:**

ALLOWED = 2'-0" BEYOND PUBLIC SIDEWALK
PROVIDED = 3'-0"

***PER VILLAGE OF NEW LENOX ZONING ORDINANCE
(C-3 GENERAL BUSINESS DISTRICT)**

**MULTI-TENANT SIGN AREA: 100 S.F. EACH SIDE:
TENANT A = 50 S.F. EACH SIDE
TENANT B = 50 S.F. EACH SIDE**



GENERAL SIGN NOTES:

1. DESIGN, ENGINEERING, PERMITTING & CONSTRUCTION BY SIGN CONTRACTORS.
2. VERIFY WHICH SIGNS & SCOPE OF WORK WITH G.C.
3. PROVIDE ELEC. STUBS FOR ALL SIGNS, INCLUDING FUTURE SIGNS, AS SHOWN ON ELEC. DRWGS.
4. MASONRY BASE SHALL MATCH THE BRICK COLOR AND MATERIAL ON THE RESTAURANT BUILDING.

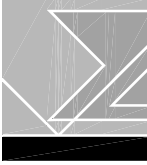
PROPOSED GROUND SIGN FOR PROPERTY MANAGEMENT BLDG.

SCALE: 1/4" = 1'-0"

400 W. MAPLE ST., NEW LENOX, IL. 60451

FOR: **UNLIMITED MASONRY & CONSTN, INC.**

KMA PROJ. No. 2511_SIGN 9/21/2026
KMA & ASSOCIATES. ARCHITECTS 8/15/2025



2205 LAKESIDE DRIVE

BANNOCKBURN, ILLINOIS

60015-1265

(847)945-6869 FAX(847)945-0284

LANDSCAPE DATA:

EXTERIOR PARKWAY LANDSCAPE:
(187'36" FRONTAGE - 37' DRIVEWAY = 150.36')
REQUIRED (12" 5" CAL. TREE PER 40' = 3.8 TREES
PROPOSED (RELOCATED DUE TO LIMITED SPACE IN R.O.W.) 4"

INTERIOR PARKWAY LANDSCAPE:
(187'36" FRONTAGE - 42' DRIVEWAY AND SIDEWALK = 145.36')
REQUIRED (75) PLANT UNITS PER 100 L.F. = 109 P.U.
PROPOSED (AS CALCULATED BELOW):
SHADE TREES (0) @ 10 P.U. = 0
ORNAMENTAL TREES (0) @ 5 P.U. = 0
MULTISTEM TREES (0) @ 5 P.U. = 0
LARGE SHRUBS (40) @ 2 P.U. = 80
SMALL SHRUBS (55) @ 0.5 P.U. = 27.5
PERENNIALS, GROUNDCOVERS (30) SY @ 0.5 P.U./10 = 1.5

PERIMETER YARD LANDSCAPE:
EAST PERIMETER YARD 295.59' FRONTAGE - 55' N&S YARDS, DRIVEWAY = 240.59'
REQUIRED: CONTINUOUS LANDSCAPE SCREENING
PROPOSED (AS CALCULATED BELOW): CONTINUOUS LANDSCAPE SCREENING
SHADE TREES (0) @ 10 P.U. = 0
ORNAMENTAL TREES (2) @ 5 P.U. = 10
MULTISTEM TREES (0) @ 2 P.U. = 0
LARGE SHRUBS (45) @ 2 P.U. = 90 (21 EVERGREEN = 42 P.U. = 35%)
SMALL SHRUBS (0) @ 0.5 P.U. = 0
PERENNIALS, GROUNDCOVERS (30) SY @ 0.5 P.U./10 = 1.5

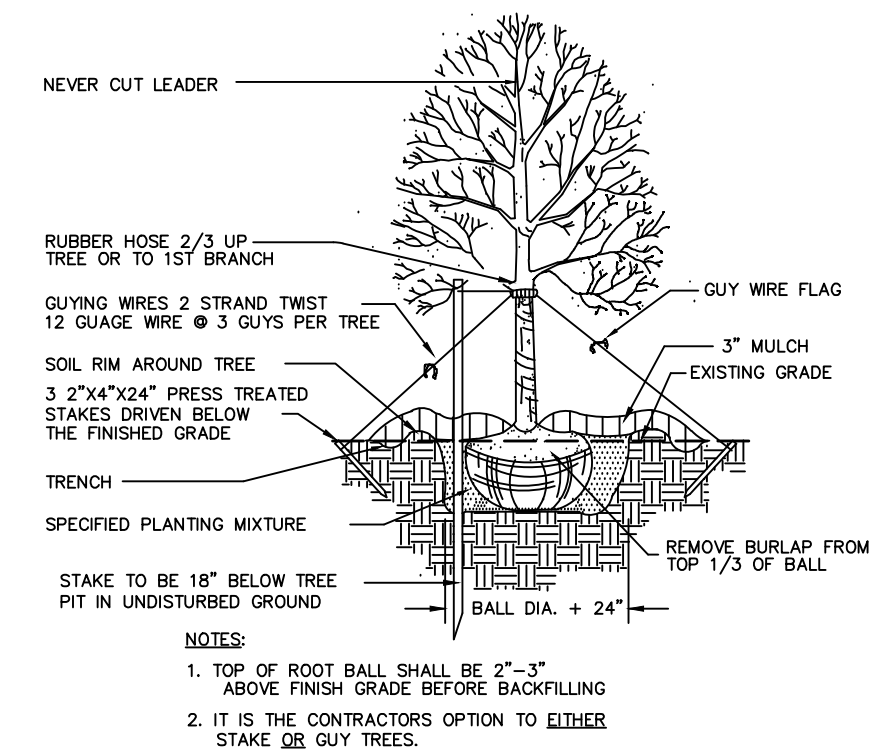
WEST PERIMETER YARD 295.00' FRONTAGE - 30' N&S YARDS = 265'
REQUIRED: TYPE 2 SCREEN, 50 P.U. / 100' = 132.5 P.U.
PROPOSED (AS CALCULATED BELOW): TYPE 2 SCREEN, 50 P.U. / 100' 143.0
SHADE TREES (3) @ 10 P.U. = 30
ORNAMENTAL TREES (1) @ 5 P.U. = 5
MULTISTEM TREES (0) @ 2 P.U. = 0
LARGE SHRUBS (54) @ 2 P.U. = 108 (27 EVERGREEN = 54 P.U. = 40%)
SMALL SHRUBS (0) @ 0.5 P.U. = 0
PERENNIALS, GROUNDCOVERS (0) SY @ 0.5 P.U./10 = 0

SOUTH PERIMETER YARD 167.60' FRONTAGE
REQUIRED: TYPE 2 SCREEN, 50 P.U. / 100' = 83.8 P.U.
PROPOSED (AS CALCULATED BELOW): TYPE 1 SCREEN, 50 P.U. / 100' 85.5
SHADE TREES (3) @ 10 P.U. = 30
ORNAMENTAL TREES (1) @ 5 P.U. = 5
MULTISTEM TREES (0) @ 2 P.U. = 0
LARGE SHRUBS (25) @ 2 P.U. = 50 (16 EVERGREEN = 32 P.U. = 64%)
SMALL SHRUBS (0) @ 0.5 P.U. = 0
PERENNIALS, GROUNDCOVERS (10) SY @ 0.5 P.U./10 = 0.5

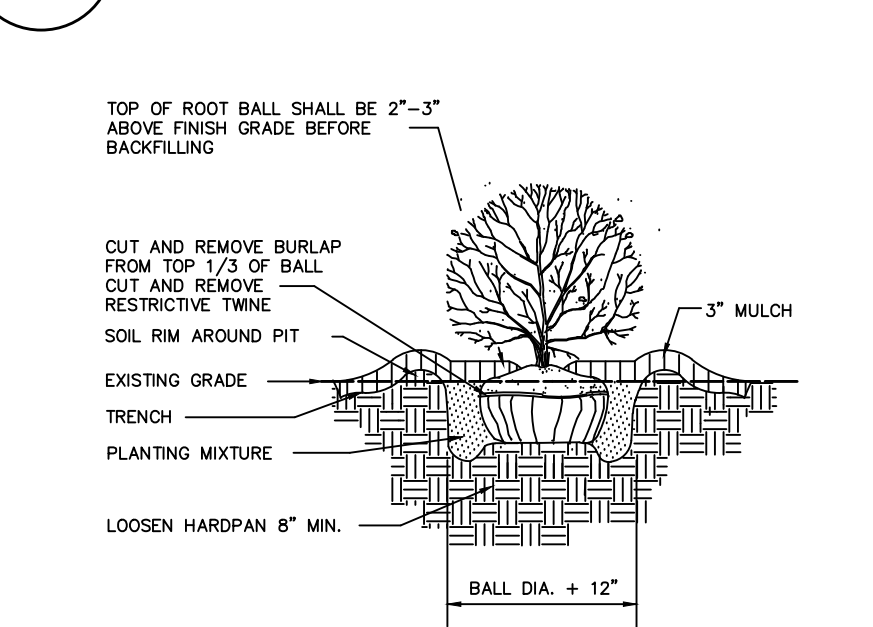
FOUNDATION PLANTINGS:
REQUIRED: 8' WIDE PLANTING STRIP AT FOUNDATION
PROPOSED: +/- 6' WIDE PLANTING STRIP AT FOUNDATION**

PARKING LOT LANDSCAPING
REQUIRED: 7' WIDE ISLANDS PLANTING ISLANDS AT ENDS OF STALLS 10
(INCLUDING 1 LARGE DECIDUOUS TREE & MIX OF SHRUBS, PERENNIALS AND GC)
PROPOSED (10 TREES, 56 S. SHRUBS & 20 S.Y. PERENNIALS) 10

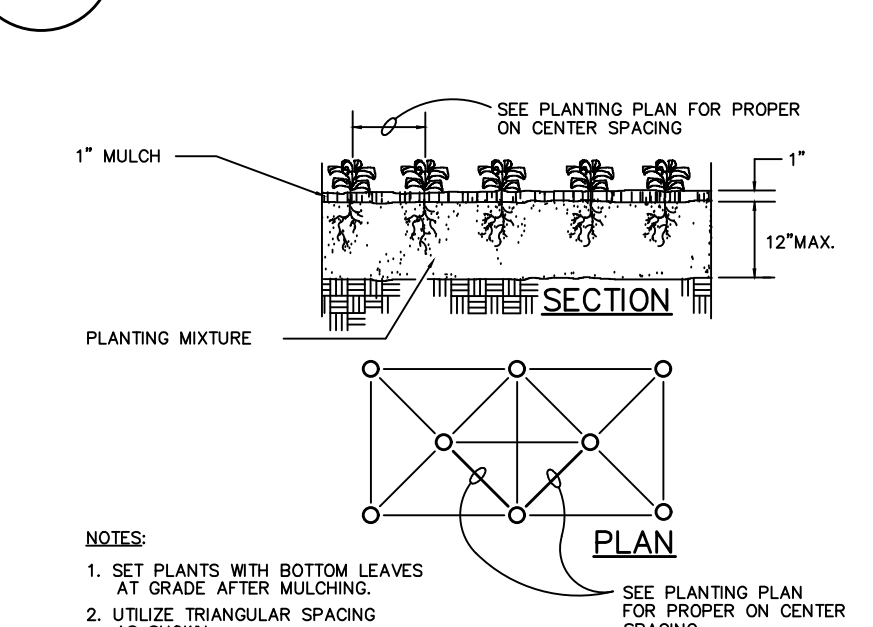
*(4) PROPOSED PARKWAY TREES RELOCATED TO SOUTH AND EAST PERIMETER YARDS.
**(1) EXISTING TREE (HT) INCLUDED IN CALCULATION.
***DUE TO CONFINED SITE CONDITION, ADDED LS AREA IS LOCATED AT SOUTH & WEST BLDG FDTN AREAS.



DECIDUOUS TREE PLANTING

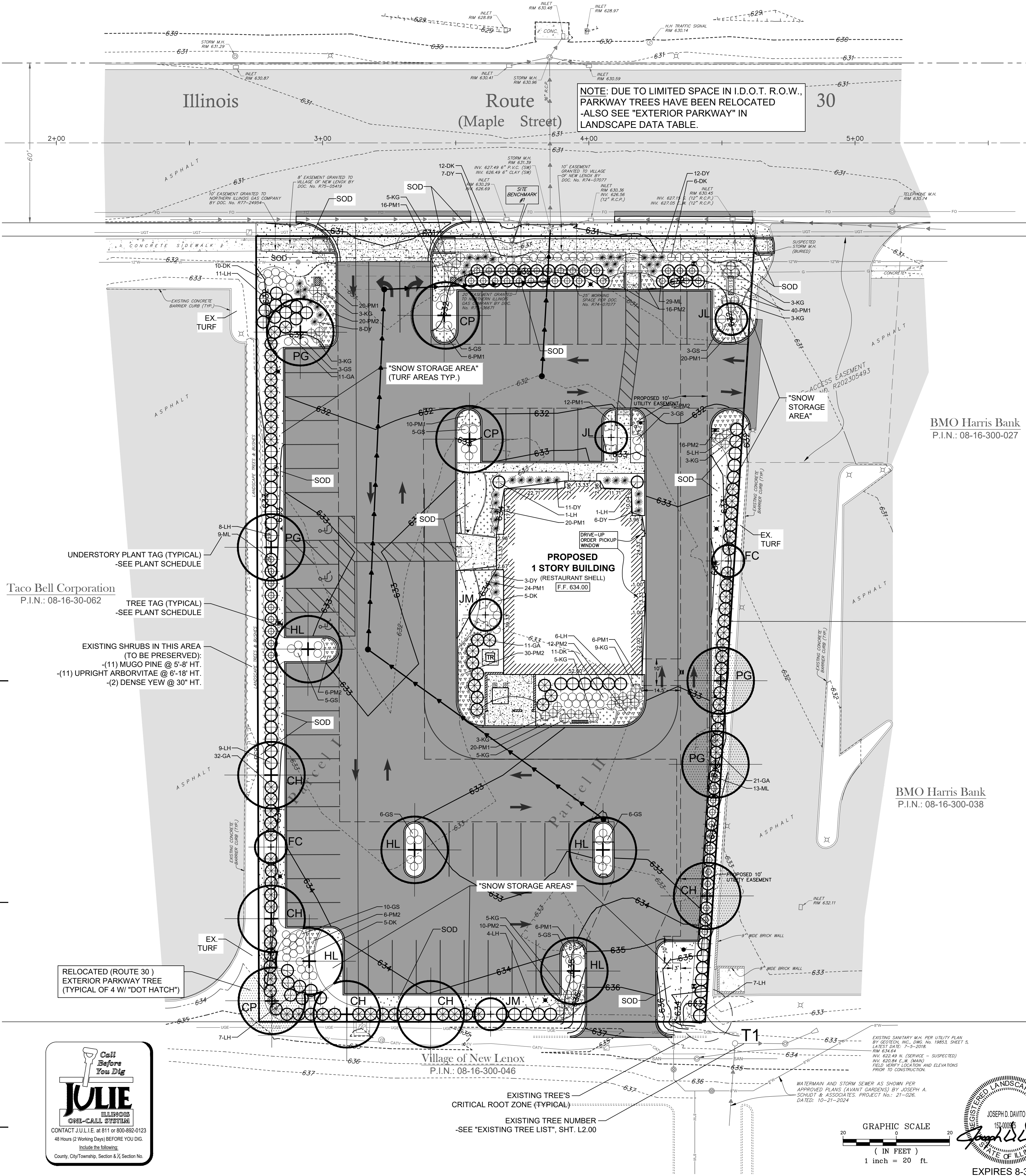


SHRUB PLANTING

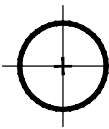
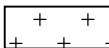
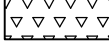
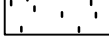


GROUND COVER PLANTING

N.T.S.



PLANT SCHEDULE:

SYMBOL	KEY	COMMON/LATIN NAME	SIZE*	CONDITION**	SPACING	QUANTITY	
	SHADE TREES						
	CH	COMMON HACKBERRY CELTIS OCCIDENTALIS	2.5" CAL.	B & B	SPECIMEN	5	
	CP	ARISTOCRAT CALLERY PEAR PYRUS CALLERYANA 'ARISTOCRAT'	2.5" CAL.	B & B	SPECIMEN	3	
	HL	SKYLINE THORNLESS HONEYLOCUST GLEDITSIA TRIACANTHOS VAR. INERMIS	2.5" CAL.	B & B	SPECIMEN	5	
	ORNAMENTAL TREES						
	PG	PRINCETON SENTRY GINKGO GINKGO BILOBA 'PNI 2720'	2.5" CAL.	B & B	SPECIMEN	4	
	FC	RED JEWEL FLOWERING CRABAPPLE MALUS SPECIES	2.5" CAL.	B & B	SPECIMEN	2	
	JL	JAPANESE TREE LILAC SYRINGA RETICULATA	2.5" CAL.	B & B	SPECIMEN	2	
	JM	JANE MAGNOLIA MAGNOLIA X 'JANE'	2.5" CAL.	B & B	SPECIMEN	2	
	EVERGREEN SHRUBS						
		DY	DENSE YEW TAXUS X MEDIA 'DENSIFORMIS'	24" HT.	B & B	3' O.C.	42
		GA	WOODWARD GLOBE ARBORVITAE THUJA OCCIDENTALIS 'WOODWARDII'	4" HT.	B & B	4.5' O.C.	75
DECIDUOUS SHRUBS							
	DK	KODIAK RED DIERVILLA DIERVILLA 'G2X88544'	30" HT.	B & B	3' O.C.	49	
	GS	GRO-LOW SUMAC RHUS AROMATICA	24" SPR.	B & B	3' O.C.	51	
	LH	LIMELIGHT HYDRANGEA HYDRANGEA PANICULATA	4" HT.	B & B	4.5' O.C.	49	
	ML	MISS KIM LILAC SYRINGA PATULA	4" HT.	B & B	4.5' O.C.	51	
GROUNDCOVERS AND PERENNIALS							
	KG	KARL FOERSTER FEATHER REED GRASS CALAMAGROSTIS ACUTIFLORA	3 GAL.	CONTR.	3' O.C.	42	
	PM1	PERENNIAL MIX #1 GOING BANANAS DAYLILY / HEMEROCALLIS SPECIES 50% WESBUE SALVIA / SALVIA NEMOROSA 50%	1G.	CONTR.	2' O.C.	180	
	PM2	PERENNIAL MIX #2 CHICAGO APACHE DAYLILY / HEMEROCALLIS SPECIES 50% LITTLE LACE RUSSIAN SAGE / PEROVSKIA ATRIPILICIFOLIA 50%	1G.	CONTR.	2' O.C.	148	
	SOD	SODDED LAWN BLUEGRASS BLEND	S.Y.				

* PLANT SIZES NOTED ARE TO BE "AT TIME OF PLANTING". IF PLANT SIZE IS UNAVAILABLE, CONTRACTOR SHALL PROVIDE AN EQUAL SUBSTITUTION, AS APPROVED BY THE LANDSCAPE ARCHITECT AND VILLAGE OF NEW LENOX.
** IF B & B PLANTS ARE NOT AVAILABLE DUE TO TIME OF SEASON, CONTAINER PLANTS MAY BE SUBSTITUTED, AS APPROVED BY THE LANDSCAPE ARCHITECT. ALSO SEE PLAN NOTE 17B.

PLAN NOTES:

- ALL PROPOSED SHRUB BEDS AND TREE RINGS TO RECEIVE 3" THC. SHREDDED HARDWOOD MULCH (PERENNIALS/GROUNDCOVERS 1" THC.).
- REPAIR ALL EXISTING TURF AREAS DISTURBED DURING CONSTRUCTION (SEED).
- LIMIT OF SEED = PROPERTY LINE (UNLESS OTHERWISE NOTED).
- THE CONTRACTOR SHALL LOCATE THE EXISTENCE OF UTILITIES PRIOR TO STARTING WORK.
- THE CONTRACTOR SHALL SUPPLY ALL PLANT MATERIALS IN QUANTITIES SUFFICIENT TO COMPLETE THE PLANTING SHOWN ON THE DRAWING. PLANT MATERIAL QUANTITIES SHOWN ON PLAN TAKE PRECEDENCE TO THOSE OF THE PLANT LIST.
- ALL PLANT MATERIALS SHALL CONFORM TO THE GUIDELINES ESTABLISHED BY THE CURRENT AMERICAN STANDARD FOR NURSERY STOCK, PUBLISHED BY THE AMERICAN ASSOC. OF NURSERYMEN OR EQUIVALENT. NO "PARK GRADE" MATERIAL SHALL BE ACCEPTED.
- ALL PLANT MATERIAL SHALL BEAR THE SAME RELATIONSHIP TO FINISHED GRADE AS THE PLANTS ORIGINAL GRADE BEFORE DIGGING.
- ALL PLANTS SHALL BE BALLED AND WRAPPED OR CONTAINER GROWN AS SPECIFIED. NO CONTAINER GROWN STOCK SHALL BE ACCEPTED IF IT IS ROOT BOUND. ALL WRAPPING MATERIAL MADE OF SYNTHETICS OR PLASTICS SHALL BE REMOVED AT THE TIME OF PLANTING.
- ALL PLANTINGS SHALL BE WATERED DURING THE FIRST 24 HOUR PERIOD AFTER PLANTING. WATER THOROUGHLY TO ENSURE ALL AIR POCKETS ARE REMOVED AROUND ROOT BALL.
- IMPORTED TOPSOIL (PLANTING AREAS) AND SPREADING BY EXCAVATING CONTRACTOR.
- ALL PROPOSED TREES OUTSIDE PLANTING BED AREAS SHALL RECEIVE A 5' DIA. MULCH RING AROUND TRUNK.
- ALL PLANTS AND STAKES SHALL BE SET PLUMB, UNLESS OTHERWISE NOTED. IT IS THE CONTRACTOR'S OPTION TO STAKE TREES, BUT RESPONSIBILITY TO ASSURE PLANTS REMAIN PLUMB UNTIL END OF GUARANTEE PERIOD. IF STAKING OF TREES IS NOT PERFORMED, REMOVAL OF TOP 1/3 OF BURLAP AND ROPES IS UNNECESSARY (REMOVE ALL NON-BIODEGRADABLE MATERIAL).
- INFORMATION CONTAINED IN "PLAN NOTES" TAKES PRECEDENCE OVER INFORMATION IN "DETAILS".
- VERIFY SITE CONDITIONS AND INFORMATION ON DRAWINGS. PROMPTLY REPORT ANY DISCREPANCIES AND/OR DEVIATIONS FROM THE INFORMATION SHOWN ON THE PLAN. THE OWNER IS NOT RESPONSIBLE FOR UNAUTHORIZED CHANGES OR EXTRA WORK REQUIRED TO CORRECT UNREPORTED DISCREPANCIES.
- ALL PLANTING BED EDGES TO BE CULTIVATED.
- AMEND ALL GROUND COVER BEDS W/4" THC. SAND AND COMPOST MIX PRIOR TO PLANTING. MIX INTO THE EXIST. TOPSOIL TO A 12" DEPTH.
- ADDITIONAL VILLAGE REQUIREMENTS:
 - ALL SHRUB HEIGHTS AND TREE SIZES NOTED ON THE PLANT SCHEDULE ON THIS PLAN ARE THE REQUIRED HEIGHT AND SIZE AT THE TIME OF INSTALLATION.
 - ANY PROPOSED CHANGES TO THE APPROVED LANDSCAPE PLAN, SUCH AS SPECIES SUBSTITUTIONS, SHALL BE SUBMITTED TO THE VILLAGE FOR REVIEW AND APPROVAL.
 - THE PROPERTY OWNER IS RESPONSIBLE FOR THE UPRKEEP AND MAINTENANCE OF ALL LANDSCAPING SHOWN ON THE APPROVED LANDSCAPE PLAN THROUGHOUT THE LIFE OF THE DEVELOPMENT.
 - PARKING SPACES AND PARKING LOT ISLANDS SHALL NOT BE USED FOR SNOW STORAGE.
 - ALL LARGE SHADE TREES ON-SITE SHALL BE A MINIMUM 10 FEET FROM ALL LIGHT POLES, MANHOLES AND FIRE HYDRANTS AND SHRUBS SHALL BE 3-5 FEET FROM ALL FIRE HYDRANTS.
 - ALL SHADE TREES IN OR NEAR PARKING AREAS TO HAVE LOWEST BRANCHES NO LOWER THAN 6' HT. ABOVE PAVEMENT.

FINAL LANDSCAPE PLAN

NOTE: ALL BASE INFORMATION PROVIDED BY TWG ENGINEERING (815) 744-6600

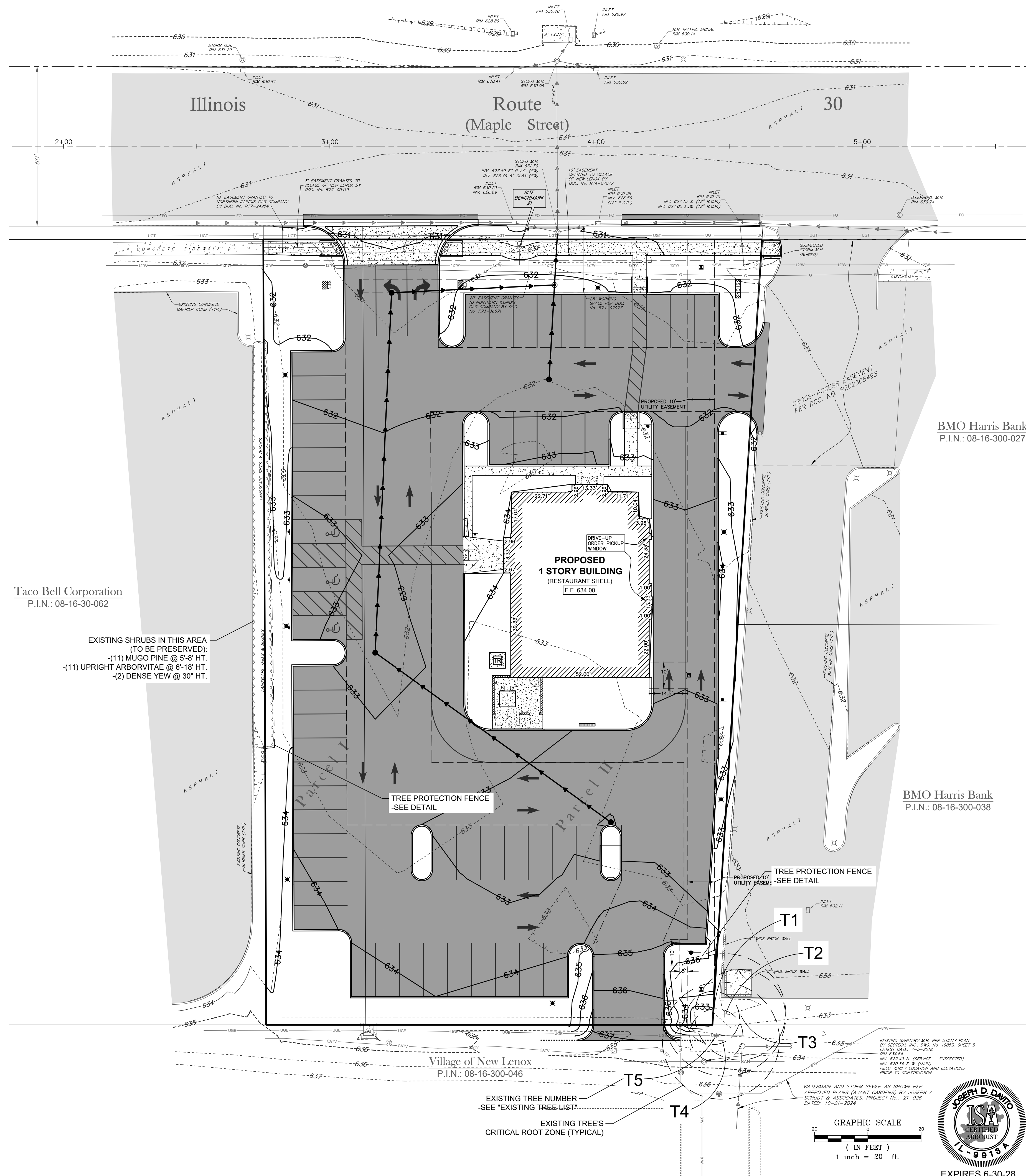
REVISIONS				
DATE	DESCRIPTION	VILLAGE REVIEW	VILLAGE REVIEW	VILLAGE REVIEW
6.08.25		8.28.25	10.02.25	

NEW LENOX
PROPERTY
NEW LENOX, ILLINOIS
MAPLE AVENUE (US ROUTE 30)

FINAL LANDSCAPE PLAN			
SCALE:	1"=20'-0"	DATE:	JANUARY 10, 2024
DRAWN BY:	J. DAVITO, PLA	CHECKED BY:	JDD

J. DAVITO DESIGN, INC.
LANDSCAPE ARCHITECTURAL DESIGN
2235 KRISTIN DRIVE
NEW LENOX, ILLINOIS 60451
(815) 469-9191
WWW.JDAVITODESIGN.COM

PROJ. NO. 23-026
L1.00

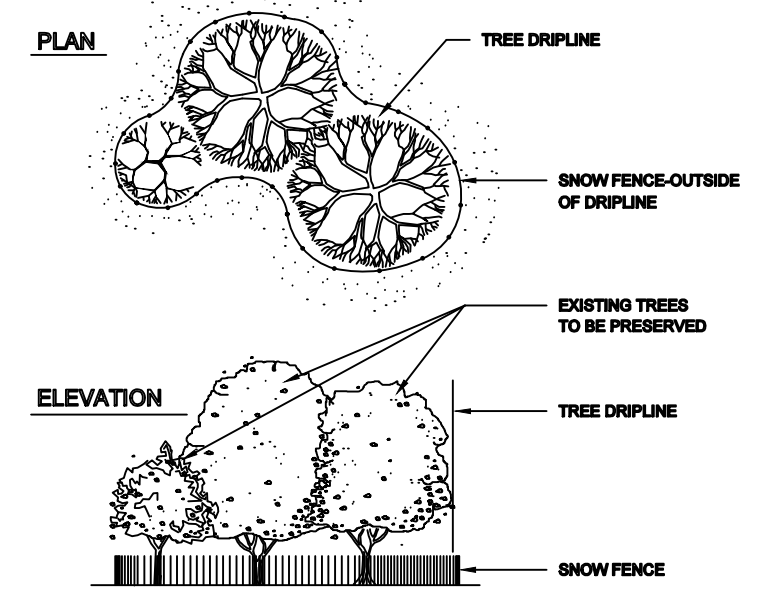


EXISTING TREE LIST:

DATE	DESCRIPTION
6.06.25	VILLAGE REVIEW
8.28.25	VILLAGE REVIEW
10.02.25	VILLAGE REVIEW

TREE PRESERVATION NOTES:

- ALL GRADING AND CONSTRUCTION EQUIPMENT SHALL BE FORBIDDEN FROM ENCRoACHING WITHIN THE ROOT ZONE OF A TREE TO BE PRESERVED. NO EXCESS SOIL, ADDITIONAL FILL, LIQUIDS OR CONSTRUCTION DEBRIS SHALL BE PLACED WITHIN THE ROOT ZONE OF ANY TREE THAT IS REQUIRED TO BE PRESERVED.
- CRUSHED LIMESTONE HYDROCARBONS AND OTHER MATERIALS DETRIMENTAL TO TREES SHALL NOT BE DUMPED WITHIN THE ROOT ZONE OF ANY TREE NOR AT ANY HIGHER LOCATION WHERE DRAINAGE TOWARD THE TREE COULD CONCEIVABLY EFFECT THE HEALTH OF THE TREE.
- APPROPRIATE FENCING (SEE DETAIL) SHALL TEMPORARILY BE INSTALLED AT THE PERIPHERY OF THE ROOT ZONE OF TREE(S) AND PLANT MATERIAL DESIGNATED FOR PRESERVATION, AS INDICATED ON THE PLAN. IN AREAS OF WHERE PLANTINGS ARE ADJACENT TO EX. CURBING THAT IS TO REMAIN, INSTALL FENCING AS CLOSE TO BACK OF CURB AS POSSIBLE.
- ALL REQUIRED FENCING SHALL BE IN PLACE PRIOR TO CONSTRUCTION ACTIVITY. THE FENCING SHALL REMAIN IN PLACE DURING THE ENTIRE CONSTRUCTION PERIOD. ALL FENCING MUST BE SECURED TO 5L HARDWOOD POSTS DRIVEN INTO THE GROUND AND SPACED NO FURTHER THAN 7' APART, OR CLOSER AS NECESSARY. NOTE: IF SILT FENCE IS NOT LOCATED AT PROPERTY LINE, EXTEND FENCING OFF SITE TO ADJACENT CURB IN ORDER TO PROTECT ALL LANDSCAPE AREAS BELOW THE TREE'S CRITICAL ROOT ZONE.
- NO ATTACHMENTS, FENCES OR WIRES, OTHER THAN APPROVED MATERIALS FOR BRACING, GUYING OR WRAPPING SHALL BE ATTACHED TO ANY VEGETATION DURING THE CONSTRUCTION PERIOD.
- DURING CONSTRUCTION, ALL REASONABLE STEPS NECESSARY TO PREVENT THE DESTRUCTION OR DAMAGE OF TREES (OTHER THAN THOSE SPECIFIED TO BE REMOVED) SHALL BE TAKEN.
- NO SOIL IS TO BE REMOVED FROM WITHIN THE ROOT ZONE OF ANY TREE THAT IS TO REMAIN.
- TREE PROTECTION FENCE TO BE EXTRUDED POLYETHYLENE. COLOR TO BE BRIGHT SAFETY ORANGE.



TREE SURVEY & PRESERVATION PLAN

NOTE: ALL BASE INFORMATION PROVIDED BY TWG ENGINEERING (815) 744-6600

DATE	DESCRIPTION
6.06.25	VILLAGE REVIEW
8.28.25	VILLAGE REVIEW
10.02.25	VILLAGE REVIEW

NEW LENOX PROPERTY

TREE SURVEY & PRESERVATION PLAN

J. DAVITO DESIGN, INC.
LANDSCAPE ARCHITECTURAL DESIGN
225 S. MAIN STREET, SUITE 200
NEW LENOX, ILLINOIS 60451
(815) 469-6797
WWW.DAVITODESIGN.COM

PROJ. NO. 23-026
L2.00

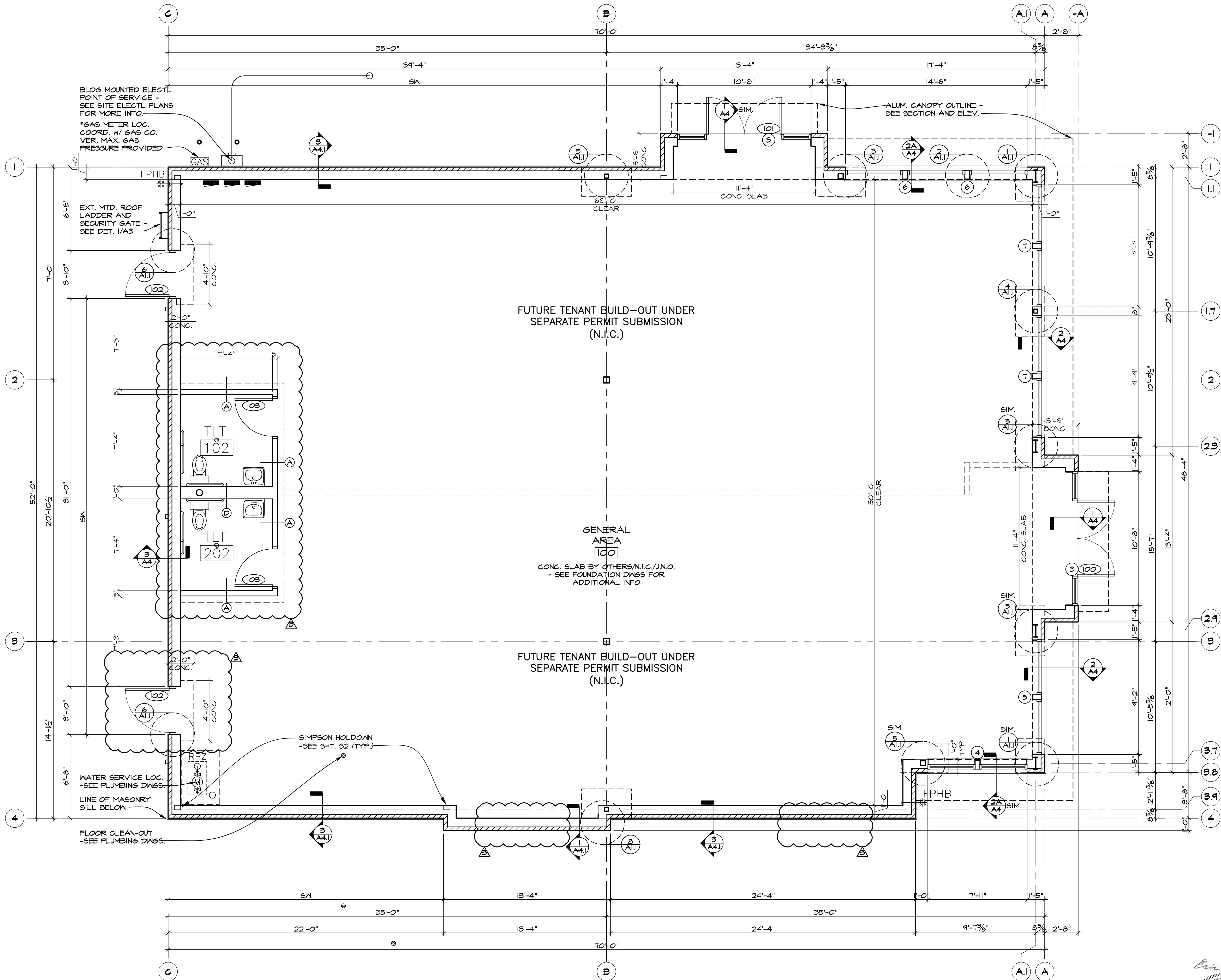
MAPLE AVENUE (US ROUTE 30) NEW LENOX, ILLINOIS

FLOOR PLAN NOTES

- 1. PROVIDE PORTABLE FIRE EXTINGUISHERS TO BE PROVIDED BY TENANT. QUANTITY AND LOCATION AS REQUIRED BY LOCAL FIRE DEPARTMENT, IFC 2006 & NFPA 10.
- 2. PROVIDE KNOX KEY LOCK BOX FOR FIRE DEPT. ACCESS AS REQUIRED BY LOCAL FIRE DEPARTMENT.

UTILITIES NOTE:

- 1. COORDINATE UTILITIES WITH CIVIL AND ELECTRICAL DRAWINGS.



FLOOR PLAN

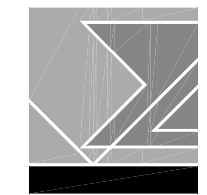
SCALE: 1/4"=1'-0"

9/21/2026

REVISIONS

THIS DRAWING	NOT FOR CONSTRUCTION
NOT FOR CONSTRUCTION	NOT FOR CONSTRUCTION
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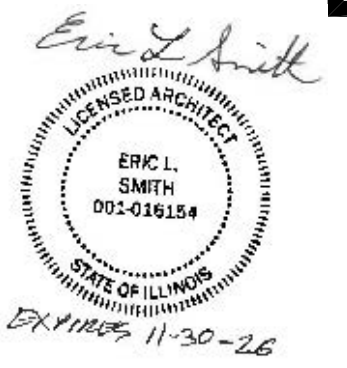
KMA & ASSOCIATES, ARCHITECTS
2205 LAKESIDE DRIVE
BANNOCKBURN, ILLINOIS 60015-1265
(847)945-6869 FAX(847)945-0284



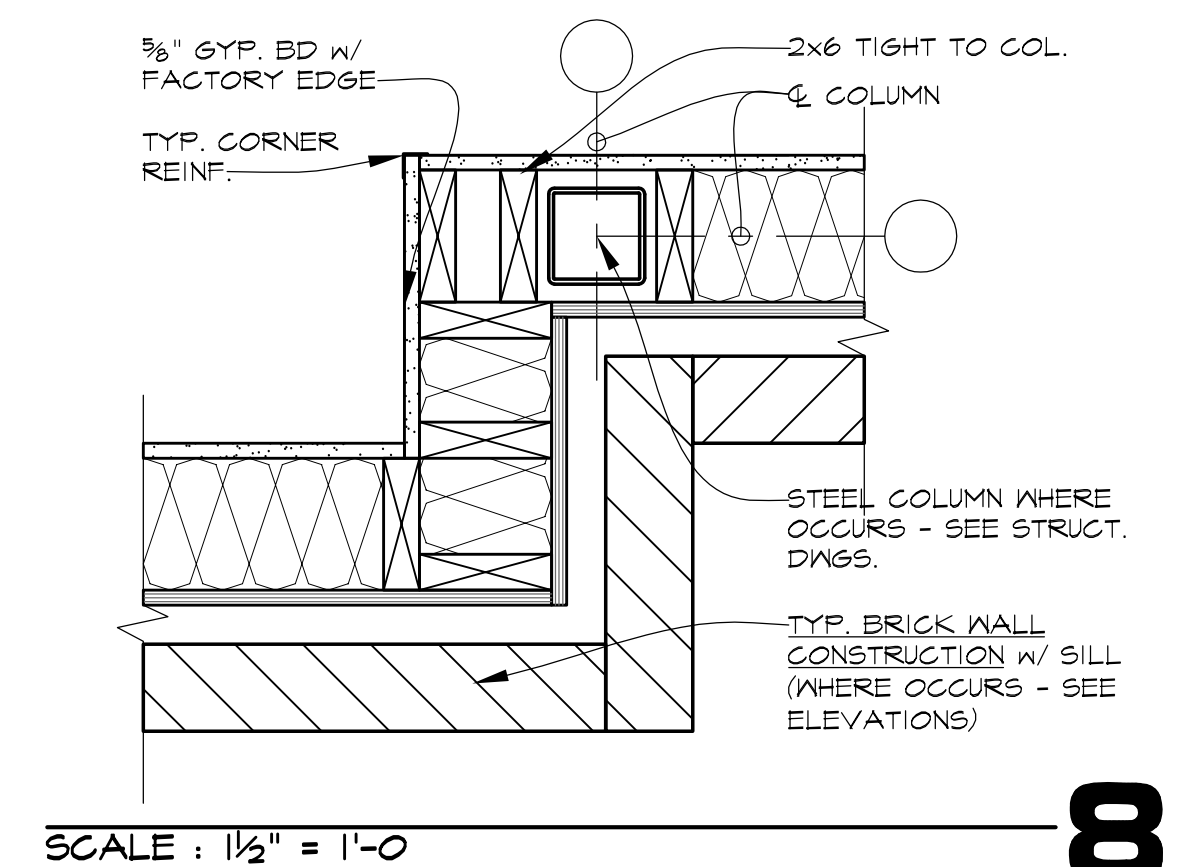
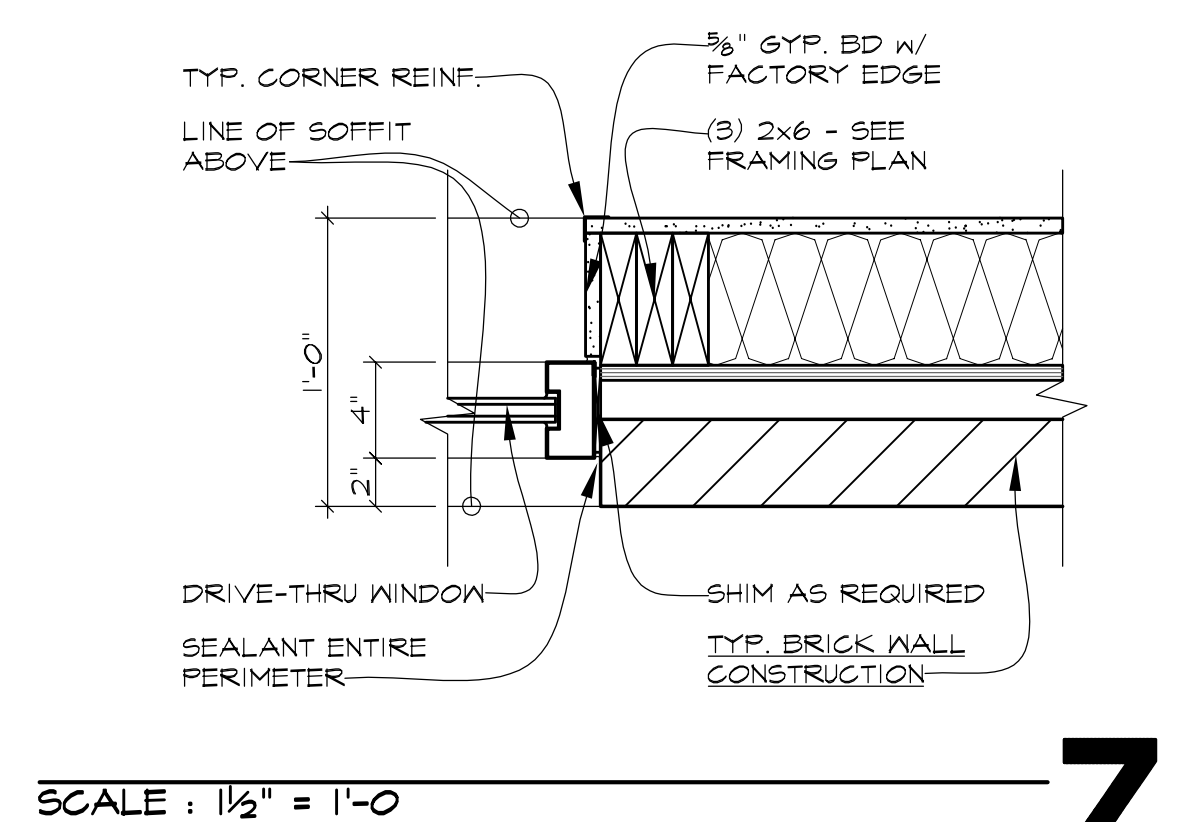
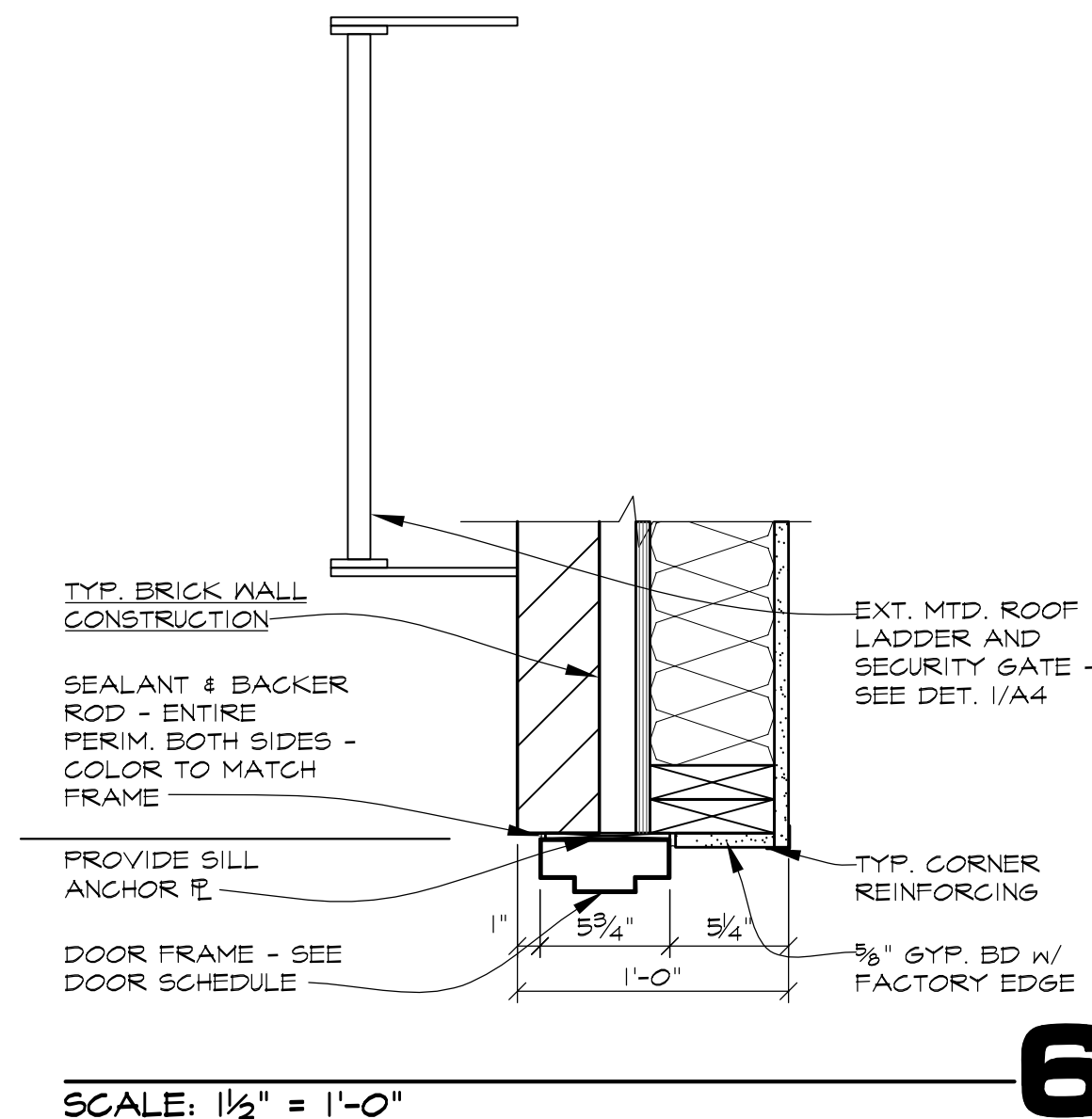
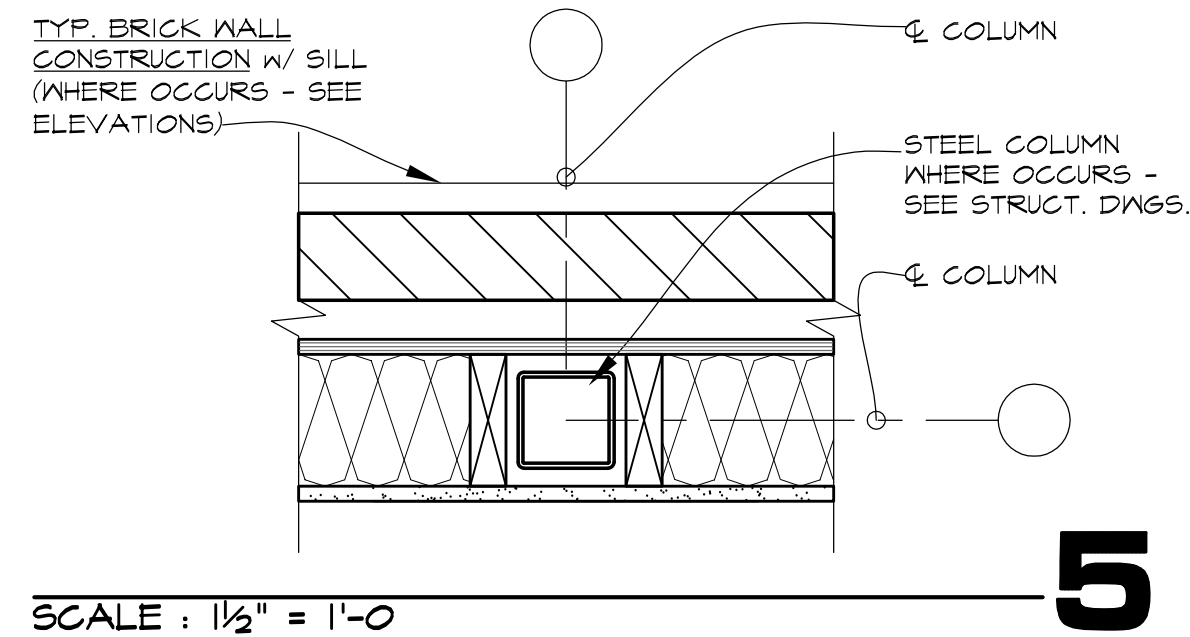
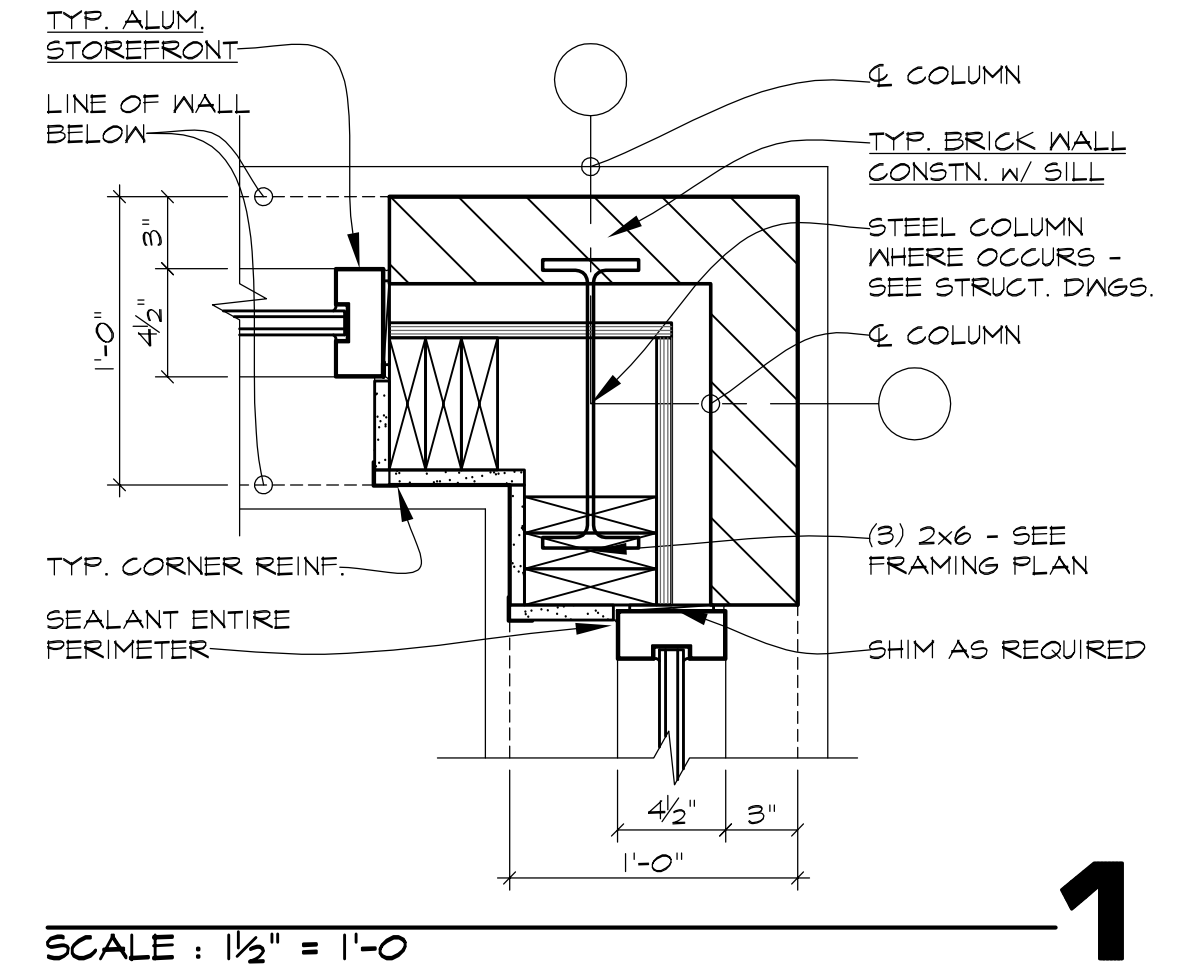
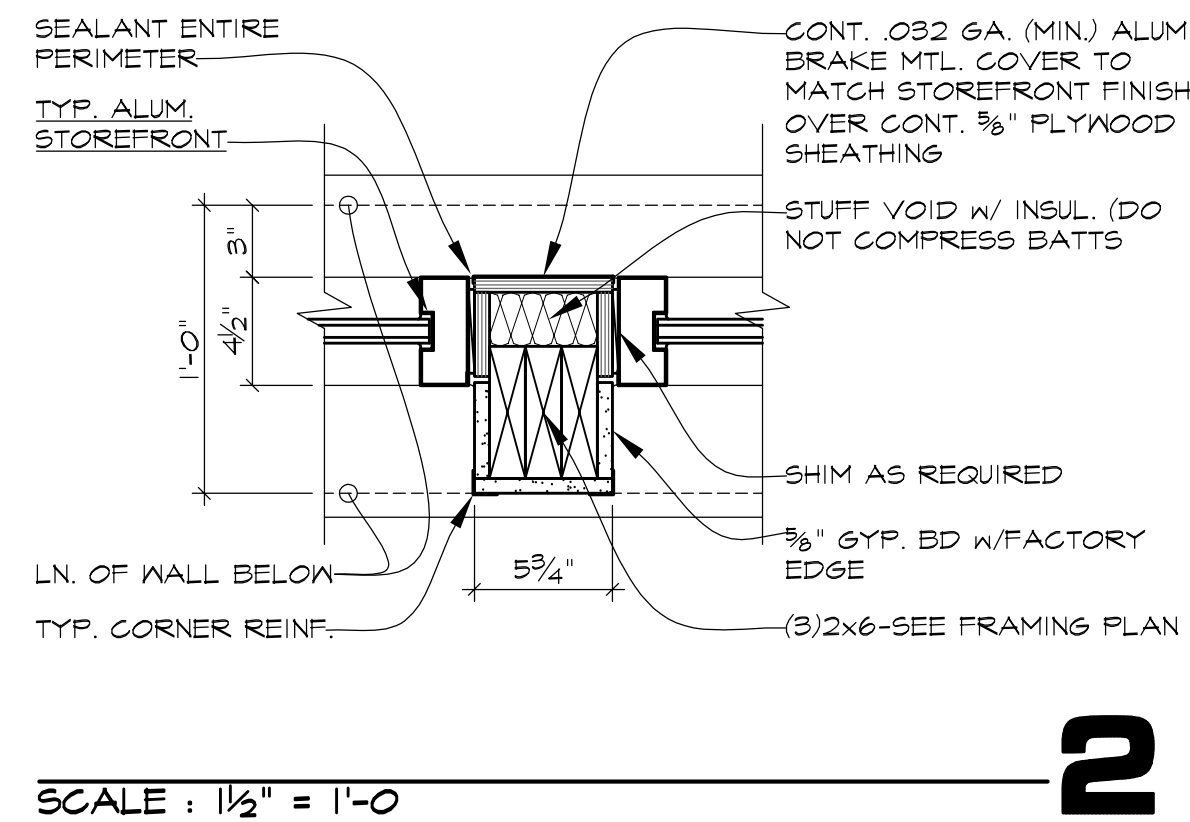
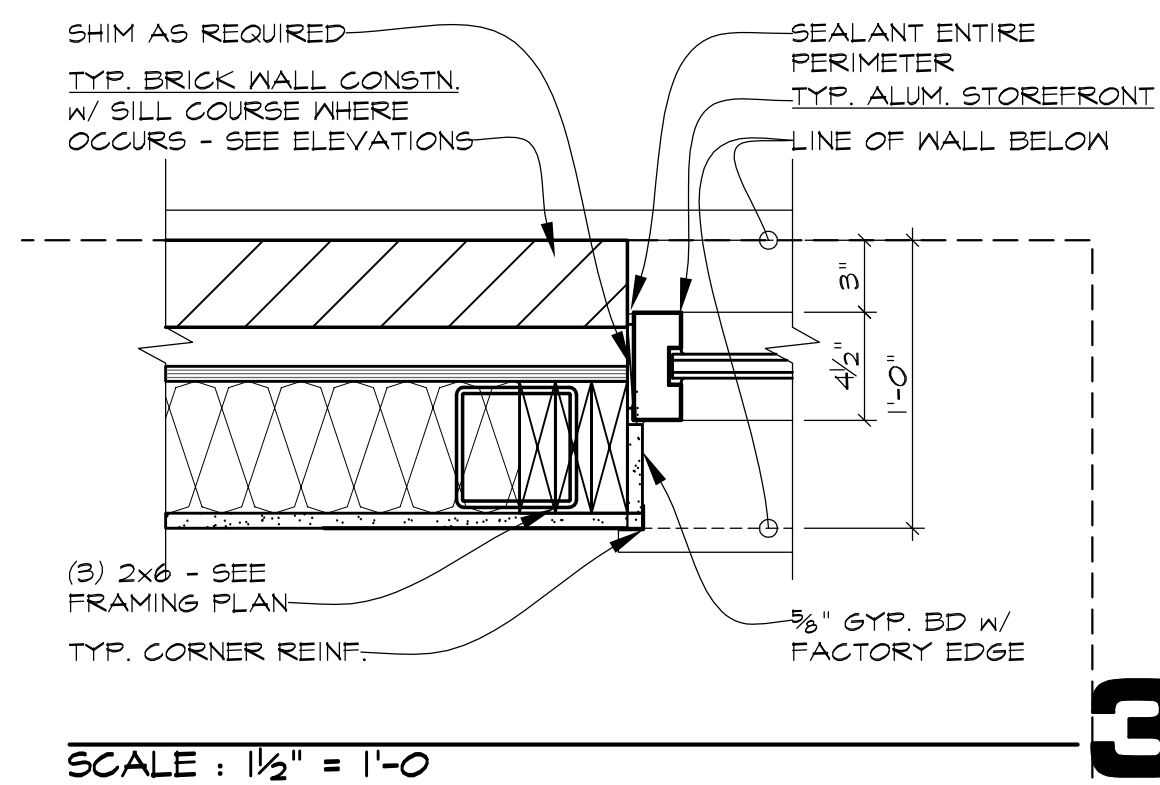
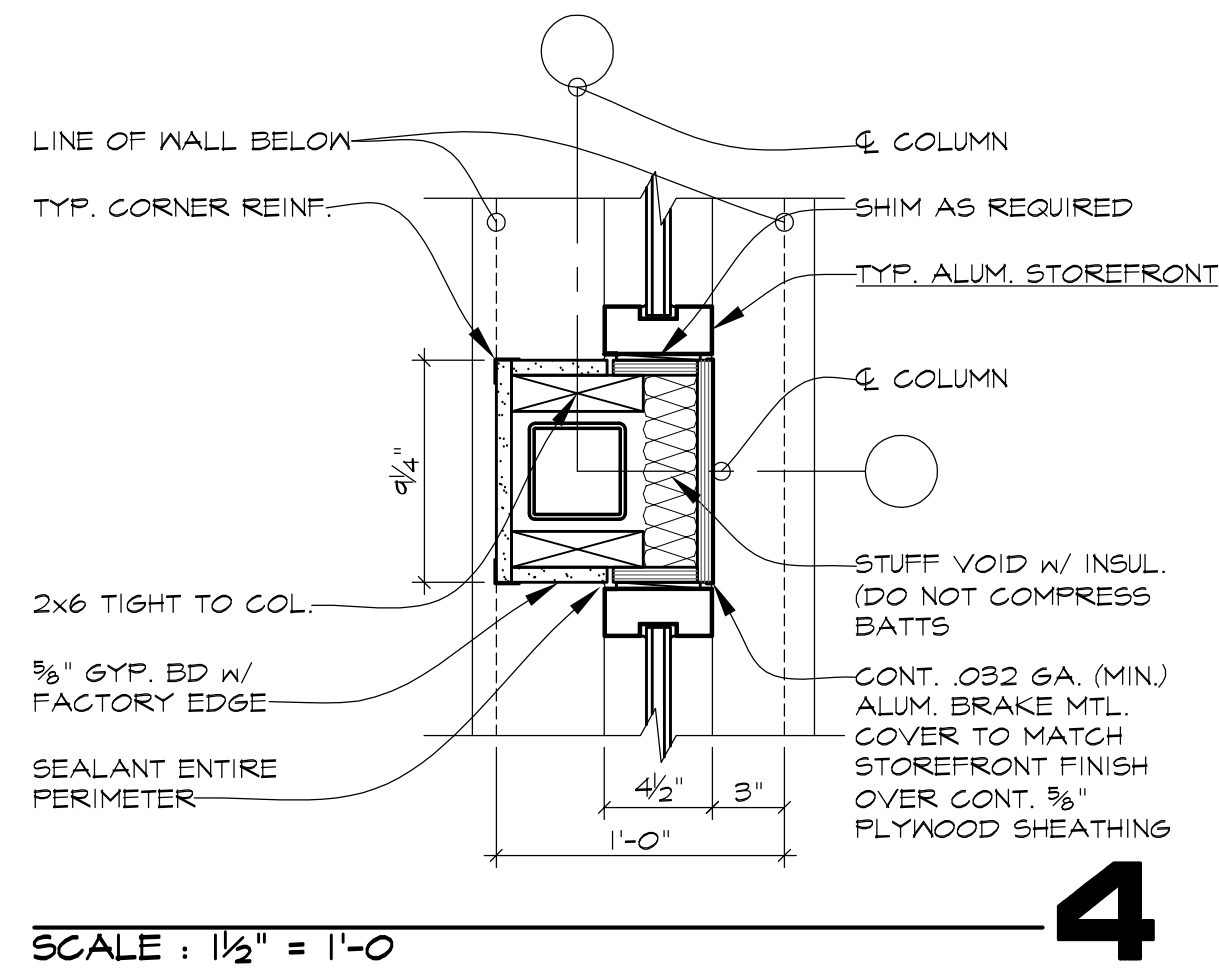
PROPOSED
PROPERTY MANAGEMENT OFFICE
400 WEST MAPLE STREET, NEW LENOX, ILLINOIS 60451
FOR: UNLIMITED MASONRY AND CONSTRUCTION, INC.

SHEET TITLE
FLOOR PLAN
NOTES

2511



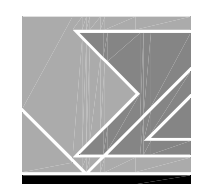
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REVISIONS

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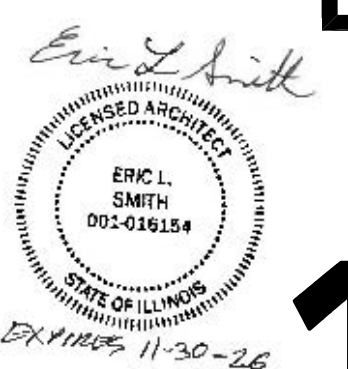
KMA & ASSOCIATES, ARCHITECTS
2205 LAKESIDE DRIVE
BANNOCKBURN, ILLINOIS 60015-1265
(847)945-6869 FAX(847)945-0284



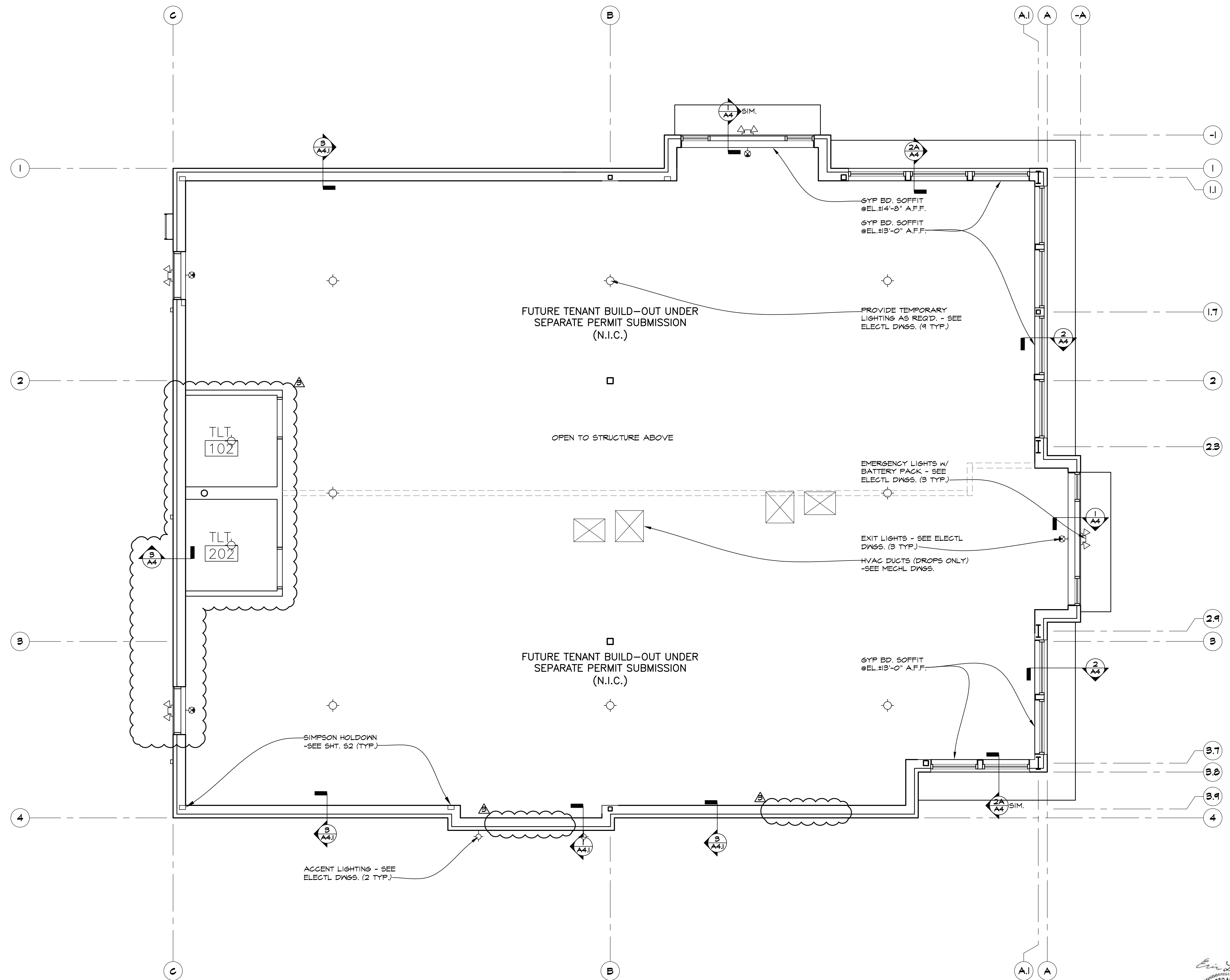
PROPOSED
PROPERTY MANAGEMENT OFFICE
400 WEST MAPLE STREET NEW LENOX, ILLINOIS 60451
FOR: UNLIMITED MASONRY AND CONSTRUCTION, INC.

SHEET TITLE
DETAILS

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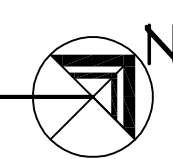
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REFLECTED CEILING PLAN

SCALE: 1/4"=1'-0"

SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

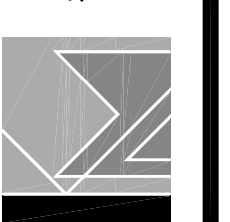


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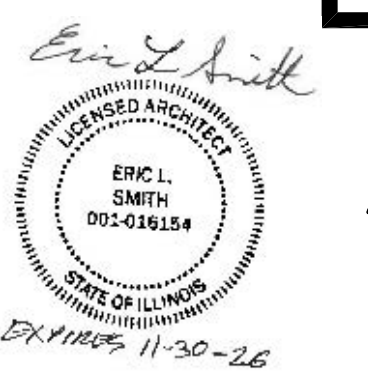
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REFLECTED CEILING PLAN
NOTES

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MASONRY NOTES:

- STANDARDS: COMPLY WITH RECOMMENDATIONS OF BRICK INSTITUTE OF AMERICA (BIA), AND NATIONAL CONCRETE MASONRY ASSOC. (NCMA) AND THE REQUIREMENTS OF THE CURRENT BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES (ACI 530/ASCE 5) AND SPECIFICATIONS FOR MASONRY STRUCTURES (ACI 530.1/ASCE 6)
- BRICK VENEER UNITS: ASTM C 1088
SELECTION: GLEN-GERY SIOUX CITY BRICK AS DISTRIBUTED BY BRICKWORK SUPPLY CENTER-CHICAGO, IL. - (773) 7466173

FIELD COLOR: BADLANDS SMOOTH
ACCENT COLOR: MORNING DOVE
SIZES: UTILITY (NOM. 4"x4"x12")

CONTRACTOR OPTION - SUBMIT ALTERNATE BRICK SELECTIONS (MANUFACTURER/COLOR/TEXTURE) TO ARCHITECT FOR APPROVAL BY TENANT
- CUT STONE SILL AND STONE VENEER BASE
SELECTION: EDEN VALDERS - WINDSOR
COLOR: WINDSOR
SIZES: NOMINAL 4"x4"x12" STONE VENEER / NOM. 6"x4"x12" CUT STONE
- MASONRY MORTAR: ASTM C 270, TYPE S; APPROXIMATELY 3:1:1 PORTLAND CEMENT, LIME, SAND FOR EXTERIOR WORK. COLOR: NATURAL.
- PORTLAND CEMENT: ASTM C 150, TYPE I, NON-STAINING, NO AIR ENTRAINMENT, WHITE IF NEEDED FOR COLOR MATCH.
- LIME: HYDRATED LIME, ASTM C 207, TYPE S.
- SAND: ASTM C 144, OR FINER IF NEED FOR JOINT SIZES LESS THAN 1/4"
- INSTALL (LAY) THRU-WALL BRICK UNITS IN 1/2 RUNNING BOND PATTERN.
- CUT EXPOSED MASONRY UNITS, WHERE NECESSARY WITH A POWER SAW. AVOID THE USE (BY PROPER LAYOUT) OF LESS-THAN-HALF-SIZE UNITS.
- HOLD UNIFORM JOINT SIZES AS INDICATED, OR IF NOT INDICATED, HOLD JOINT SIZES TO SUIT MODULAR SIZE OF MASONRY UNITS.
- CUT JOINTS FLUSH AND TOOL SLIGHTLY CONCAVE, UNLESS OTHERWISE INDICATED.
- REINFORCE HORIZONTAL JOINTS WITH CONTINUOUS MASONRY WIRE REINFORCING, SPACED 16" VERTICALLY; EXCEPT SPACED 8" IN PARAPET WALLS AND IMMEDIATELY ABOVE AND BELOW OPENINGS, FOR A DISTANCE OF 2 FEET BEYOND THE OPENING IN ALL FOUR DIRECTIONS. DO NOT BRIDGE CONTROL AND EXPANSION JOINTS IN THE WALL SYSTEM.
- COMPLETELY FILL WITH MORTAR COLLAR JOINTS IN MULTI-WYTHE MASONRY WALLS.
- FILL HEAD (VERTICAL) JOINTS WITH MORTAR @ INTERIOR AND EXTERIOR FACES ONLY IN ALL MASONRY WORK.
- WHERE INDICATED, COMPLETELY FILL CORES OF MASONRY UNITS FOR FULL HEIGHT OF THE WALL WITH THE TYPE S MORTAR OR CONCRETE - SEE MASONRY REINFORCING NOTES.
- PROVIDE CONTROL AND EXPANSION JOINTS AT LOCATIONS SHOWN, AND KEEP CLEAN OF MORTAR DROPPINGS/ SQUEEZE - OUT.
- IF LOCATIONS ARE NOT SHOWN, SPACE CONTROL JOINTS 25'-0" (HORIZONTALLY) FOR CMU MASONRY.
- THE CONTRACTOR SHALL BRACE WALLS ADEQUATELY DURING CONSTRUCTION UNTIL THE ROOF AND FLOOR STRUCTURE ARE IN PLACE.
- THE WORK IN PROGRESS WILL BE INSPECTED BY THE OWNER'S REPRESENTATIVE IN ACCORDANCE WITH SECTION 1.5 OF ACI 530.1.
- CLEANING: DO NOT USE ACID WASH. MASONRY WALLS ARE TO BE CLEANED SEVEN DAYS AFTER COMPLETION WITH A DETERGENT SOLUTION OR OTHER PROPRIETARY SOLUTION. WALLS SHOULD BE THOROUGHLY SATURATED WITH CLEAR WATER BEFORE AND AFTER CLEANING SOLUTION IS APPLIED.
- MASON IS RESPONSIBLE FOR KEEPING FLASHING/KEEP SYSTEM FUNCTIONING AND FREE OF MORTAR.

MASONRY REINFORCING NOTES:

- PROVIDE REINFORCED UNIT MASONRY WITH RUNNING BOND.
- REINFORCED CONCRETE UNIT SYSTEM SHALL CONSIST OF THE FOLLOWING:
A. MEDIUM WEIGHT HOLLOW LOAD-BEARING CONCRETE MASONRY UNITS COMPLYING WITH ASTM C90, GRADE N TYPE I.
B. REINFORCING BARS SHALL BE ASTM A615-60 AND SHALL HAVE DEFORMATIONS IN ACCORDANCE TO ASTM SPECIFICATION A305.
C. TYPE S MORTAR WITH A MINIMUM COMPRESSIVE UNIT STRESS FOR THE MASONRY ASSEMBLY, FM = 2000 PSI.
D. GROUT SHALL BE COARSE GROUT CONFORMING TO ASTM C476 WITH A MINIMUM COMPRESSIVE ASSEMBLY, FM = 2000 PSI. STRENGTH OF 2000 PSI.
- THE REINFORCED CONCRETE MASONRY UNITS SHALL BE ERECTED USING THE LOW LIFT METHOD.
- PROVIDE ONE NUMBER FOUR (4) BAR MINIMUM AROUND ALL DOOR OPENINGS.
- VERTICAL REINFORCING BARS SHALL BE AS SHOWN ON DRAWINGS. LADDER TYPE HORIZONTAL REINFORCING TO BE NO. 4 GAGE SIDE AND CROSS RODS AT 16" ON CENTER, VERT. U.N.O.
- REINFORCING STEEL SHALL BE LAPPED 48 BAR DIAMETERS OR 24 INCHES, WHICHEVER IS GREATER, WHERE SPLICED, AND SHALL BE SEPARATED BY ONE BAR DIAMETER OR WIRED TOGETHER.
- VERTICAL BARS SHALL BE HELD IN POSITION AT TOP AND BOTTOM AND AT INTERVALS NOT EXCEEDING 1/2 DIAMETERS OF REINFORCEMENT.
- VERTICAL REINFORCING STEEL SHALL HAVE A CLEARANCE OF THREE QUARTERS OF AN INCH FROM MASONRY OR ADJACENT BARS, BUT NOT LESS THAN ONE BAR DIAMETER BETWEEN BARS.
- ALL REINFORCING SHOWN ON DRAWINGS SHALL BE GROUTED FULL LENGTH.
- ALL GROUT SHALL BE PUDDLED OR VIBRATED IN PLACE.
- VERTICAL CELLS TO BE FILLED SHALL HAVE VERTICAL ALIGNMENT TO MAINTAIN A CONTINUOUS UNOBSTRUCTED CELL AREA NOT LESS THAN 2" X 3".
- CELLS CONTAINING REINFORCEMENT SHALL BE SOLIDLY FILLED WITH GROUT AND FOURS SHALL BE STOPPED ONE AND ONE HALF INCHES BELOW THE TOP OF A COURSE TO FORM A KEY AT FOUR JOINTS.
- ALL BOLTS, ANCHORS, ETC. INSERTED IN THE WALL SHALL BE SOLIDLY GROUTED IN PLACE.

STONE VENEER INSTALLATION SPECIFICATION NOTES:

- 4" HORIZONTAL JOINT RE-INFORCING 9 GA. PENCIL ROD WIRED INSTALLED EVERY HORIZONTAL COURSE.
- CONTROL JOINTS LOCATION AS SHOWN ON PLANS AND DETAILS.
-APPROX. 4'-6" FROM CORNERS.
-ALL INSIDE CORNERS, ESPECIALLY AT WALL PIERS.
-AT THE CORNER/SIDE OF ANY LARGE OPENING OR WINDOW (IF OPNGS. ARE OVER 6' LOCATE AT BOTH SIDES).
-AT WALL HEIGHT CHANGES.
- MORTAR TO BE USED SHOULD BE 'TYPE N' MORTAR.
- USE 'RAINLOC' MORTAR ADDITIVE IN THE MORTAR.
- RAKE AND CAULK ALL HEAD JOINTS FOR WINDOW SILLS AND COPING UNITS.

EXTERIOR FINISH LIST

SHEET METAL COPING / ROOF EDGE FASCIA:
PREFINISHED KYNAR 500 - 'CARDINAL RED' BY PETERSEN ALUMINUM PAC-CLAD OR EQUAL - SUBMIT SAMPLE TO ARCHITECT FOR APPROVAL

MASONRY:
- SEE MASONRY NOTES THIS SHEET FOR ADDITIONAL INFORMATION

PREFABRICATED/PREFINISHED ALUMINUM CANOPY:
BY COMETNEON OR EQUAL. COMPLETE SYSTEM TO INCLUDE HANGER ARMS AND BRACKETS, INTEGRAL GUTTER & DOWNSPOUT CONNECTIONS, AND SURFACE MOUNTED LIGHTING. 5'-0" DEPTH @ DRIVE THRU WINDOW. 4'-0" DEPTH ELSEWHERE. FACE DIMENSION PER SUPPLIER. SUBMIT BRACKET LOCATIONS TO ARCHITECT FOR APPROVAL. COLOR: CLEAR

WINDOWS AND STOREFRONT GLAZING:
1" INSULATED GLASS W/ MAX. U-FACTOR OF 0.29 AND SHGC OF 0.36 - SOLARBAN 60 LOW-E GLASS (BRONZED OR GRAY TINTED) BY PPG INDUSTRIES. OR APPROVED EQUAL. LITES W/ PORTIONS BELOW 2'-0" A.F.F. TO BE TEMPERED. ADDITIONAL LITES TEMPERED AS NOTED BY 'I'

ALUMINUM STOREFRONT:
COLOR: CLEAR ANODIZED

EXTERIOR HOLLOW METAL DOORS AND FRAMES:
PAINT: GRAY

WALL MTD LIGHT FIXTURES
SEE ELECTRICAL DRAWINGS FOR FIXTURE SPECIFICATION

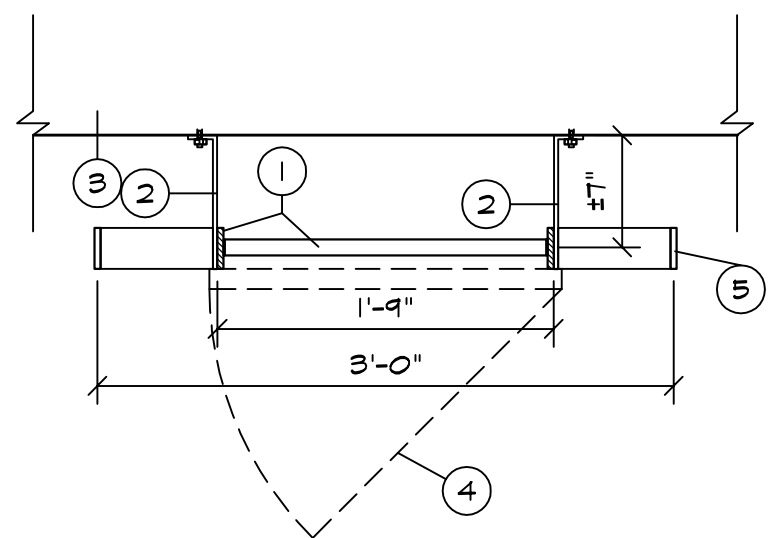
SYNTHETIC STUCCO (E.I.F.S.) FASCIA:
SEE SPECIFICATION BELOW

ROOF DRAIN CONDUCTORS AND DOWNSPOUTS
MATERIAL: PREFINISHED SHEET METAL OR ALUMINUM
COLOR: GRAY

PROVIDE MIN. 4"H ADDRESS NUMBERS W/ 1/2" MIN. STROKE. COLOR TO CONTRAST W/ BACKGROUND

SYNTHETIC STUCCO (E.I.F.S.) NOTES:

- PROVIDE EXTERIOR FINISH SYSTEM BY SIKASENERGY OR EQUAL. COLOR SELECTION SENERGY 610 PORRIDGE (LRV 48) W/ FINE FINISH
- THE SYNTHETIC STUCCO SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH AND COMPRISED OF THE PRODUCTS DESCRIBED IN B.O.C.A. RESEARCH REPORT No. 13-1
- EXPANDED POLYSTYRENE INSULATION BOARD SHALL HAVE A FLAME SPREAD LESS THAN OR EQUAL TO 25 AND A SMOKE DEVELOPED RATING OF LESS THAN OR EQUAL TO 450 WHEN TESTED IN ACCORDANCE WITH ASTM E-84.
- PROVIDE CONTROL JOINTS IN THE FOLLOWING LOCATIONS & AS INDICATED ON THE ELEVATIONS:
 - WHERE CONTROL JOINTS OCCUR IN THE SUBSTRATE SYSTEM.
 - WHERE BUILDING CONTROL JOINTS OCCUR.
 - WHERE THE OUTSULATION SYSTEM ABUTS DISSIMILAR MATERIALS.
 - WHERE THE SUBSTRATE MATERIAL TYPE CHANGES.
 - IN CONTINUOUS ELEVATIONS AT INTERVALS NOT TO EXCEED 75 FT.
 - WHERE SIGNIFICANT STRUCTURAL MOVEMENT OCCURS SUCH AS CHANGES IN ROOF LINE, BUILDING SHAPE OR STRUCTURAL SYSTEM.
- CONTRACTOR SHALL BE AN APPROVED APPLICATOR BY MANUFACTURER OF SYNTHETIC STUCCO SYSTEM.
- SEALANT BY E.I.F.S. CONTRACTOR - COLOR TO MATCH E.I.F.S.
- CONTRACTOR TO SUBMIT INSTALLATION & CONSTRUCTION DETAILS TO ARCHITECT PRIOR TO INSTALLATION



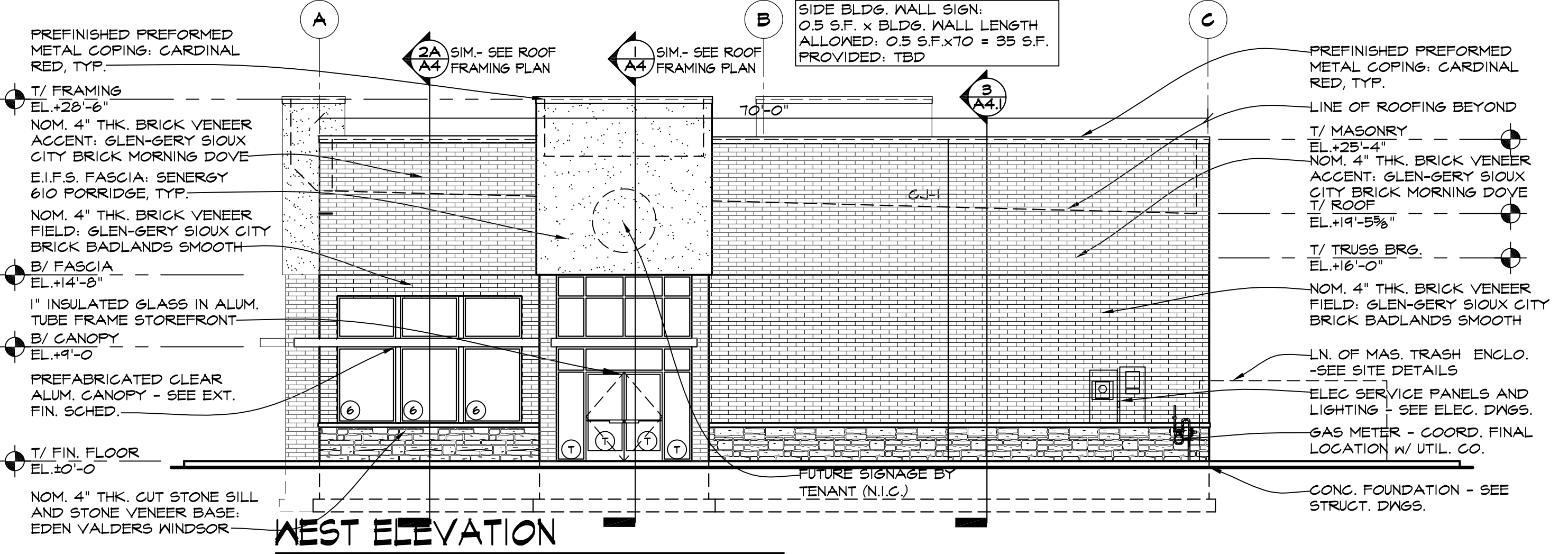
PLAN

ROOF ACCESS LADDER DETAIL

SCALE: 1/8"=1'-0"

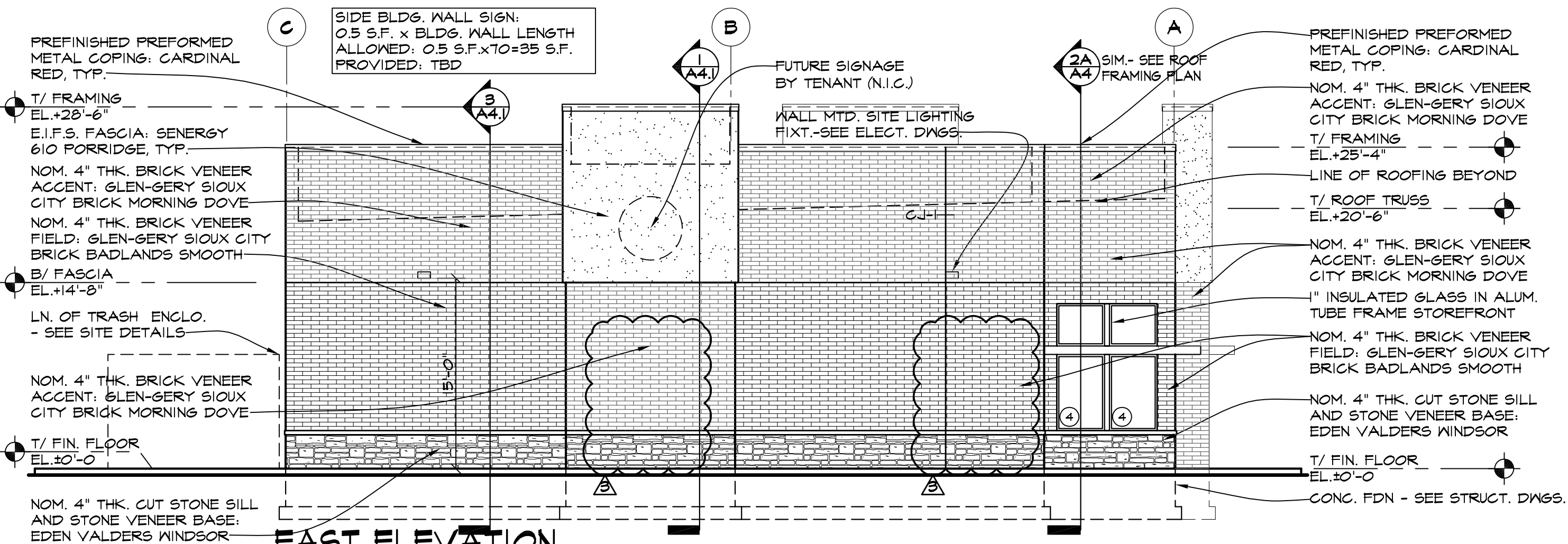
KEYED NOTES

- 2 1/2" X 3/8" FLAT STEEL BAR SIDE RAILS, AND 1" DIA. STEEL RUNGS PUNCHED INTO RAILS @ 12" O.C. AND WELDED.
- PROVIDE 2 1/2" X 3/8" THICK FLAT BENT STEEL BRACKETS AT MAX. 4'-0" CENTERS. WELD TO SIDE RAILS AND ANCHORED TO MASONRY W/ 1/2" X 2 3/4" WEDGE "RED HEAD" OR "MOLLY" ANCHOR BOLTS
- MASONRY EXTERIOR WALL (W/ 2" E.I.F.S. ABOVE 10'-0")
- 6' HIGH LOCKABLE LADDER SECURITY DOOR
- WIDEN SIDE RAILS TO 36" @ PARAPET HEIGHT & EXTEND TO MIN. 36" ABOVE PARAPET



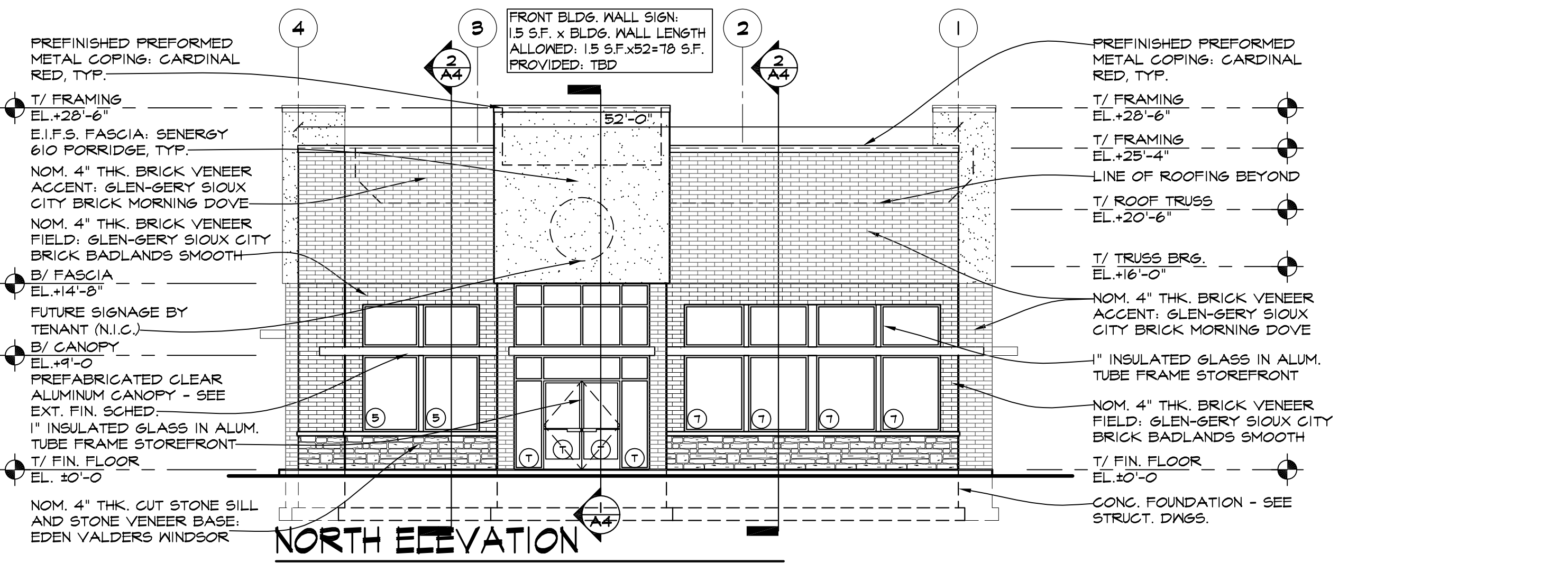
WEST ELEVATION

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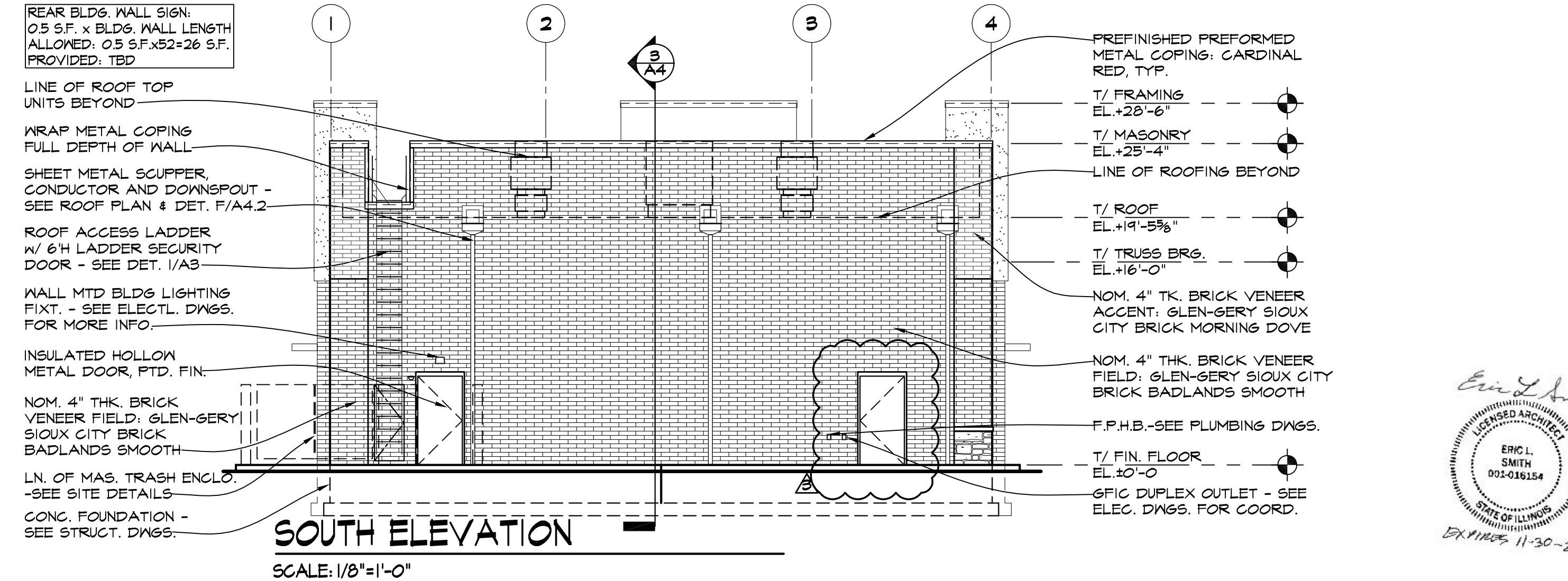
EAST ELEVATION

SCALE: 1/8"=1'-0"



NORTH ELEVATION

SCALE: 1/8"=1'-0"



SOUTH ELEVATION

SCALE: 1/8"=1'-0"

9/21/2026

REVISIONS

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NOT FOR CONSTRUCTION	NOT	NOT	NOT
FOR COORDINATION	9/19/2026	NOT	NOT
FOR REVISION	NOT	NOT	NOT
FOR CONSTRUCTION	NOT	NOT	NOT

KMA & ASSOCIATES, ARCHITECTS	2205 LAKESIDE DRIVE	60015-1265
	BANNOKBURN, ILLINOIS	
	(847)945-6869	FAX (847)945-0284

PROPOSED
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400 WEST MAPLE STREET, NEW LENOX, ILLINOIS 60451
FOR: UNLIMITED MASONRY AND CONSTRUCTION, INC.

SHEET TITLE
ELEVATIONS
IN
DETAILS

2511

A
3



WEST ELEVATION

SCALE: 1/8"=1'-0"



NORTH ELEVATION

SCALE: 1/8"=1'-0"

*PER VILLAGE OF NEW LENOX SIGN ORDINANCE (C3-GENERAL BUSINESS DISTRICT)
WALL SIGNAGE IS SUBJECT FOR APPROVAL FROM THE VILLAGE OF NEW LENOX



EAST ELEVATION

SCALE: 1/8"=1'-0"



SOUTH ELEVATION

SCALE: 1/8"=1'-0"



SCALE: 1/8"=1'-0"

KMA PROJECT No. 2511_PresElev3

9/21/2026
8/14/2025
6/5/2025

PROPERTY MANAGEMENT OFFICE

400 WEST MAPLE STREET
NEW LENOX, ILLINOIS 60451

UNLIMITED MASONRY AND CONSTRUCTION, INC.

100 ELWOOD ROAD
MANHATTAN, ILLINOIS 60442

KMA & ASSOCIATES

2205 LAKESIDE DRIVE
BANNOCKBURN, ILLINOIS 60015-1265

ARCHITECTS

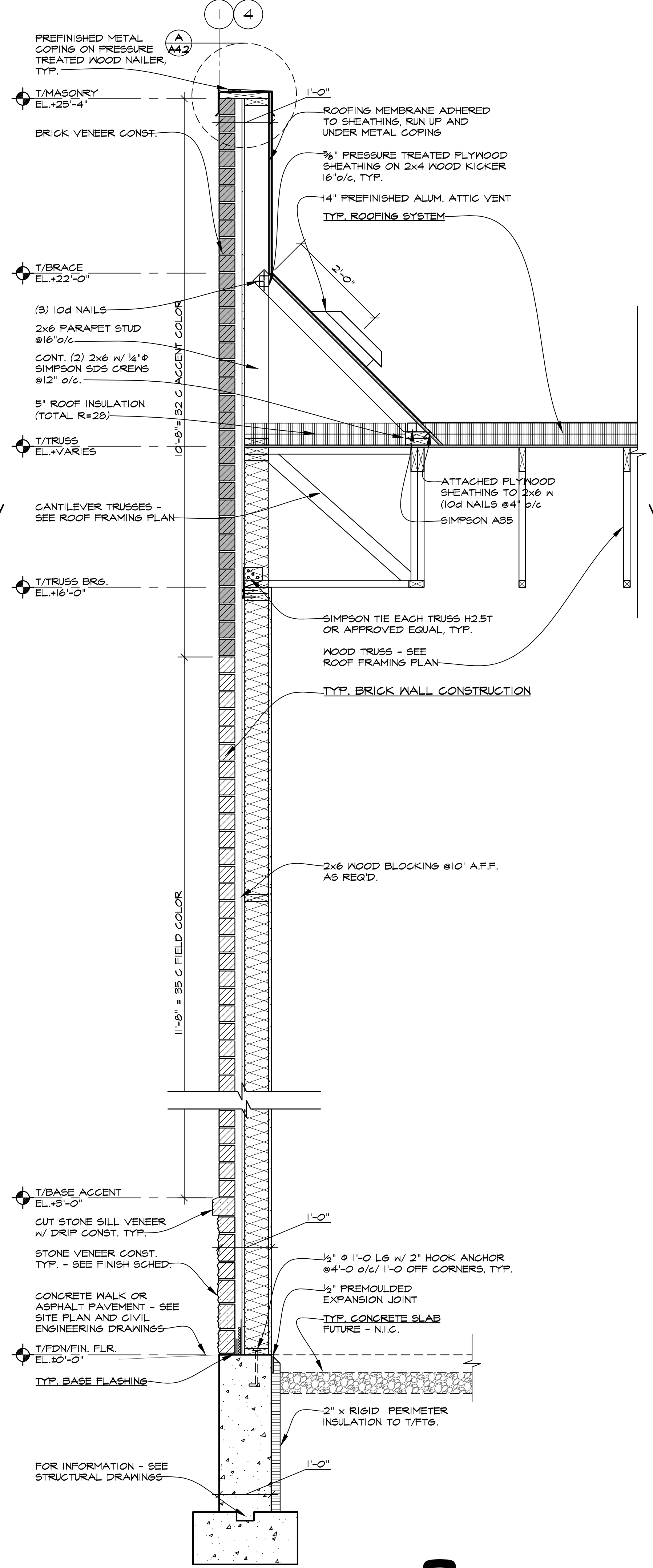


EXTRUDED POLYSTYRENE INSULATION BOARD
POLYSTYRENE BOARD INSULATION IS LIMITED TO A FLAME SPREAD OF 25 OR LESS (ACTUAL = 5) AND A SMOKE DEVELOPED RATING OF 450 OR LESS (ACTUAL = 165) PER ASTM E84. INSULATION AND STUDS TO BE FACED WITH A FACE LAYER OF 5/8" FIRECODE "C" GYPSUM DRYWALL PROTECTION AS REQUIRED BY CODE.

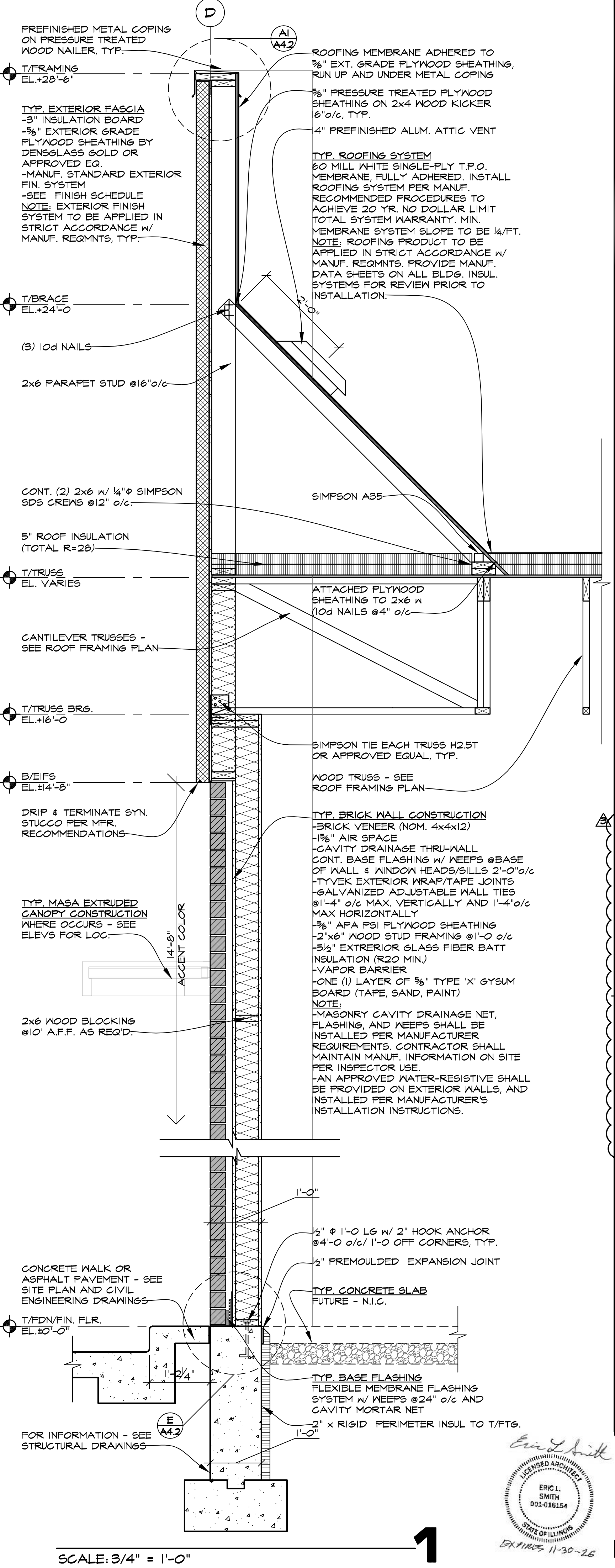
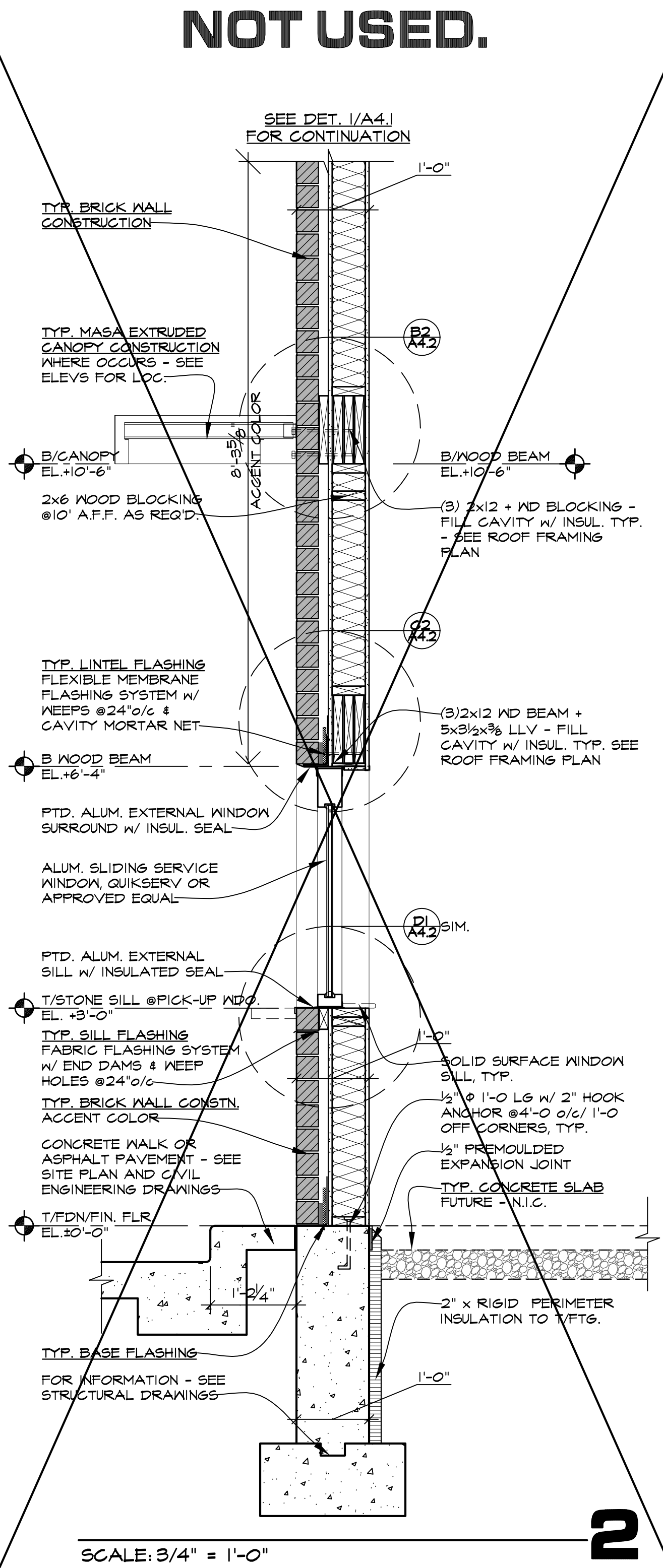
FIBERGLASS INSULATION
FIBERGLASS INSULATION TO BE TYPE FLAME SPREAD 25 INSULATION FACED WITH A VAPOR BARRIER OF MAX. 1.0 PERM RATINGS WHEN TESTED IN ACCORDANCE WITH ASTM E 96. THE FLAME SPREAD INDEX OF 25 AND A SMOKE DEVELOPED INDEX OF 450 PER ASTM E84.

GYPSUM BOARD & ACCESSORIES
ALL GYPSUM BOARD MATERIALS AND ACCESSORIES SHALL CONFORM TO THE APPROPRIATE STANDARDS LISTED BELOW:

ACCESSORIES FOR GYPSUM BD.....ASTM C 1047
GYPSUM WALLBOARD.....ASTM C 74
JOINT REIN. TAPE & COMPOUND.....ASTM C 474; C 475
STEEL SCREWS.....ASTM C 454; C 1002
STEEL STUDS, NON-LOAD BEARING.....ASTM C 645
WATER RESISTANT GYP. BACKING BD.....ASTM C 630
FIBER REIN. GYPSUM PANELS.....ASTM C 1278
TESTING GYPSUM AND GYPSUM PRODUCTS.....ASTM C 22; C 472; C 473



ROOFING SYSTEM SPECIFICATIONS
EPDM ROOF SYSTEM:
FULLY-ADHERED 60 MILL WHITE (WITH BLACK AS AN OPTION) SINGLE-PLY T.P.O. ROOFING MEMBRANE OVER ISOCYANURATE INSULATION MECHANICALLY FASTENED TO METAL ROOF DECK. MINIMUM INSULATION "R" VALUE SHALL BE 50 MIN. ROOF SYSTEM SHALL HAVE 90 MPH WIND RESISTANCE, PHYSICAL INTEGRITY AND IMPACT RESISTANCE IN ACCORDANCE WITH ASTM 688, D3146 AND D4212. ALL ROOF COMPONENTS TO BE INSULATED PER MANUF. INSTRUCTIONS. ROOFING SYSTEM SHALL HAVE FIFTEEN (15) YEAR WARRANTY FROM DATE OF SUBSTANTIAL COMPLETION. ROOFING SYSTEM SHALL BE INSTALLED BY A QUALIFIED CONTRACTOR, APPROVED BY ROOFING SYSTEM MANUFACTURER, TO INSTALL MANUFACTURER'S PRODUCTS. ROOFING SYSTEM TO BE INSTALLED IN STRICT ACCORDANCE WITH THE ROOFING SYSTEM MANUFACTURER'S WRITTEN TECHNICAL SPECIFICATIONS. PROVIDE EPDM ROOFING SYSTEM BY THE FOLLOWING MANUFACTURERS, OR APPROVED EQUAL:
- FIRESTONE BUILDING PRODUCTS (800)428-4442
- CARLISLE, INC. (717)245-7000
- JOHNS MANVILLE (800)654-3103



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SHEET TITLE
WALL SECTIONS

2511

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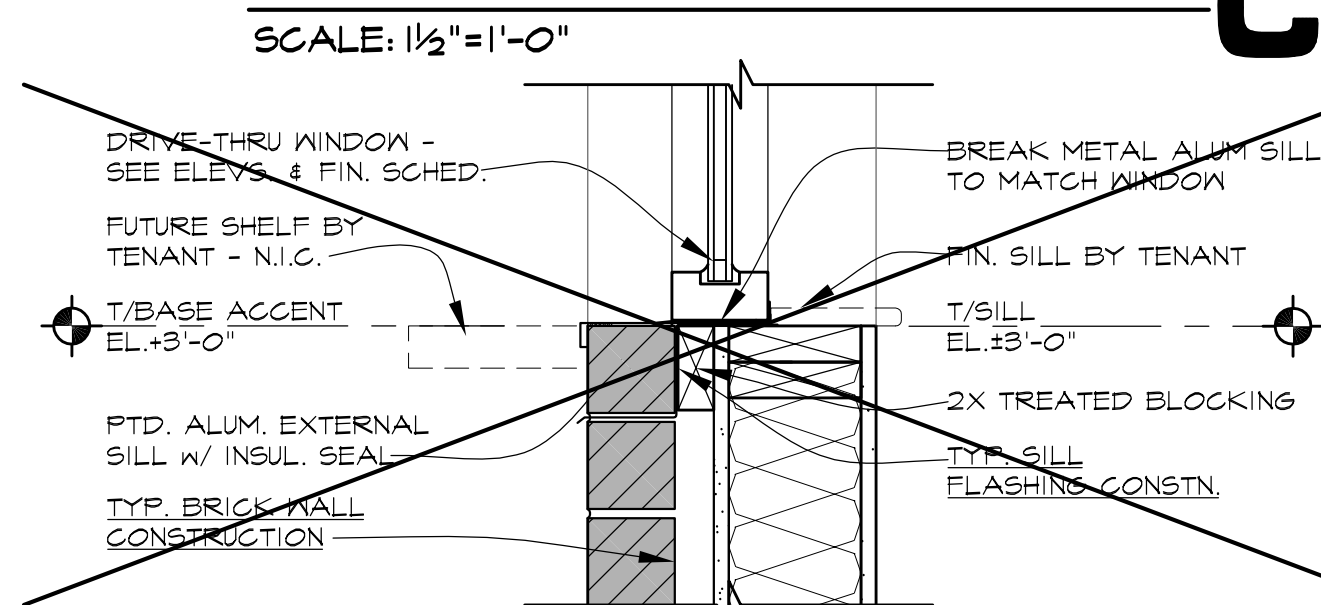
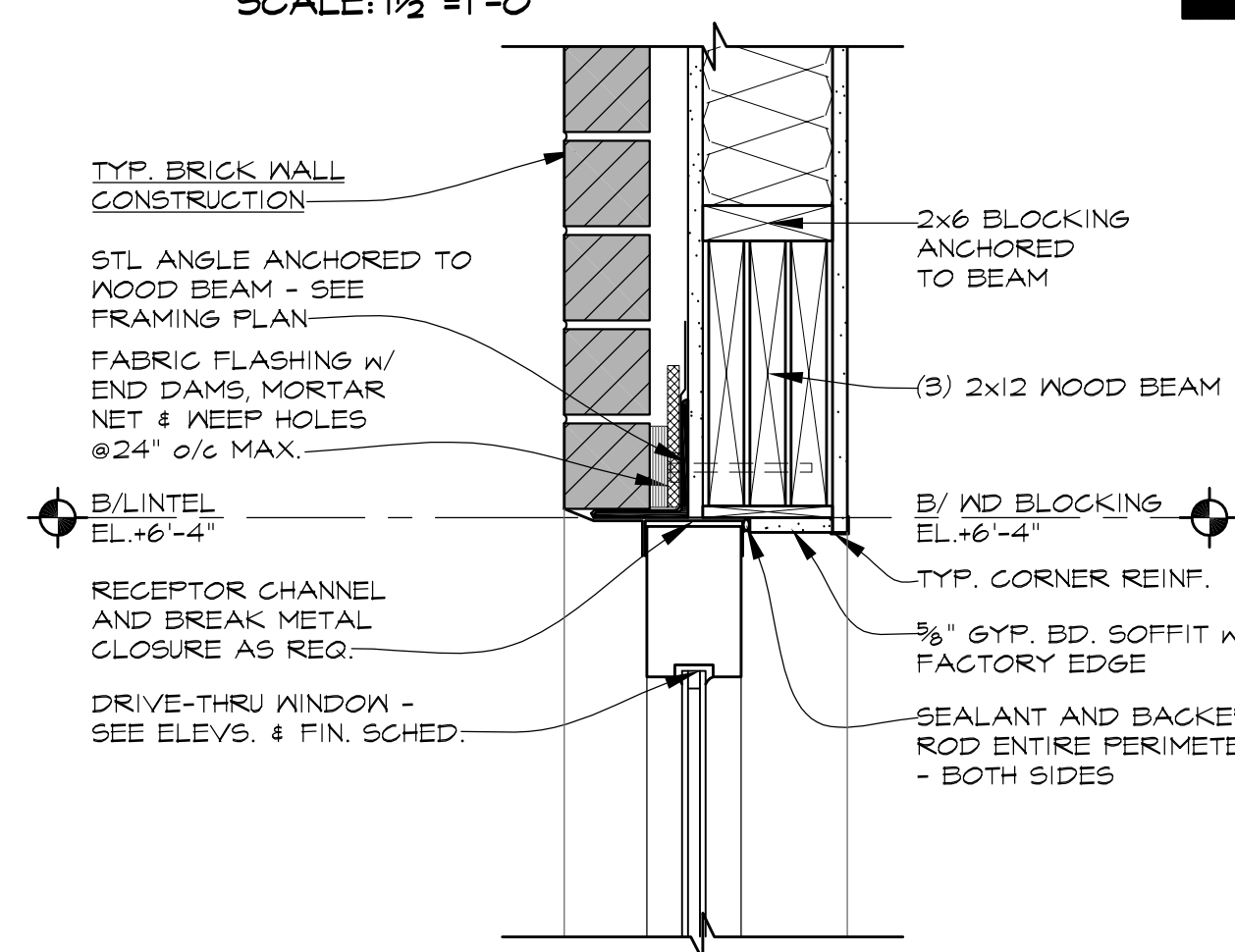
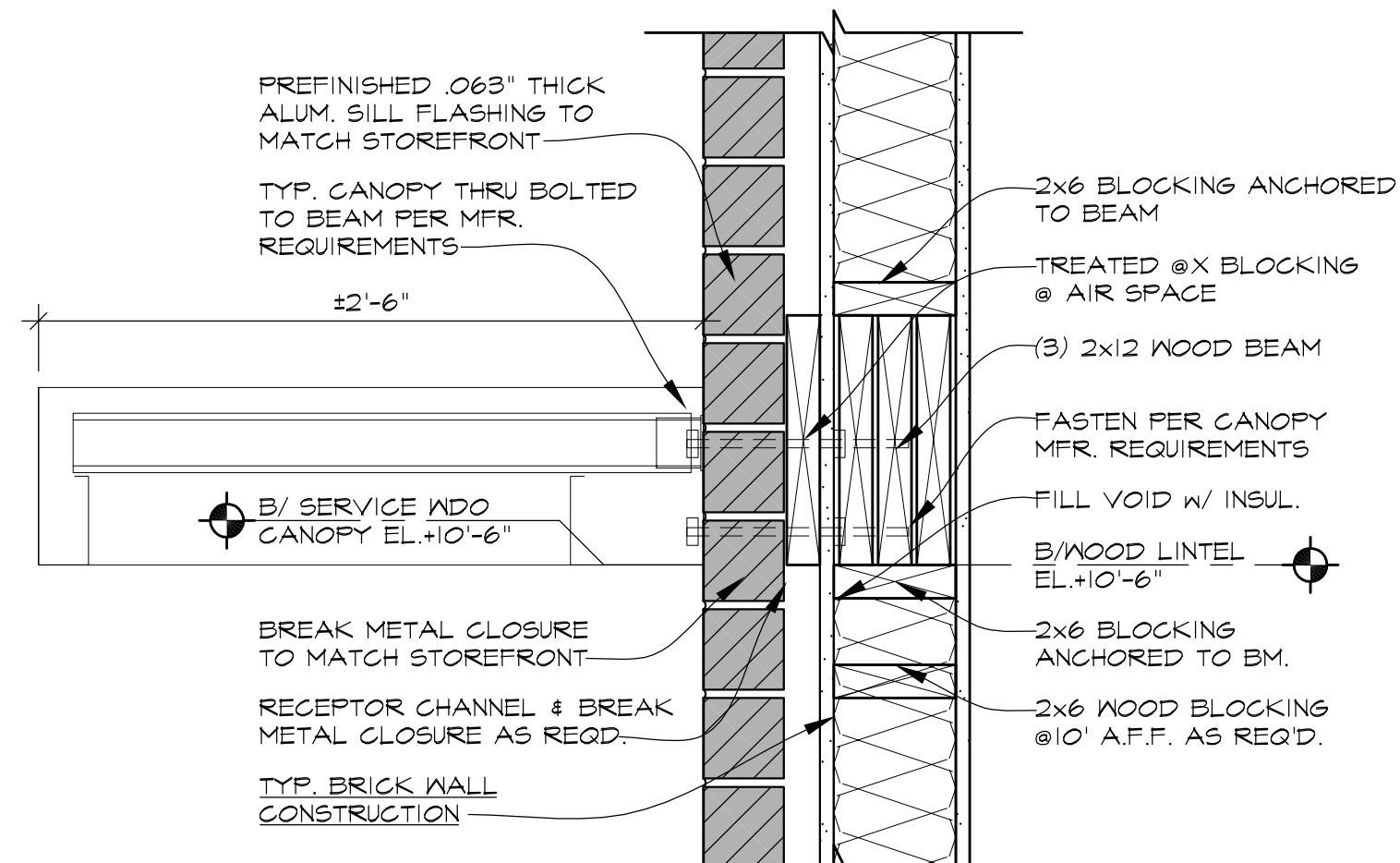
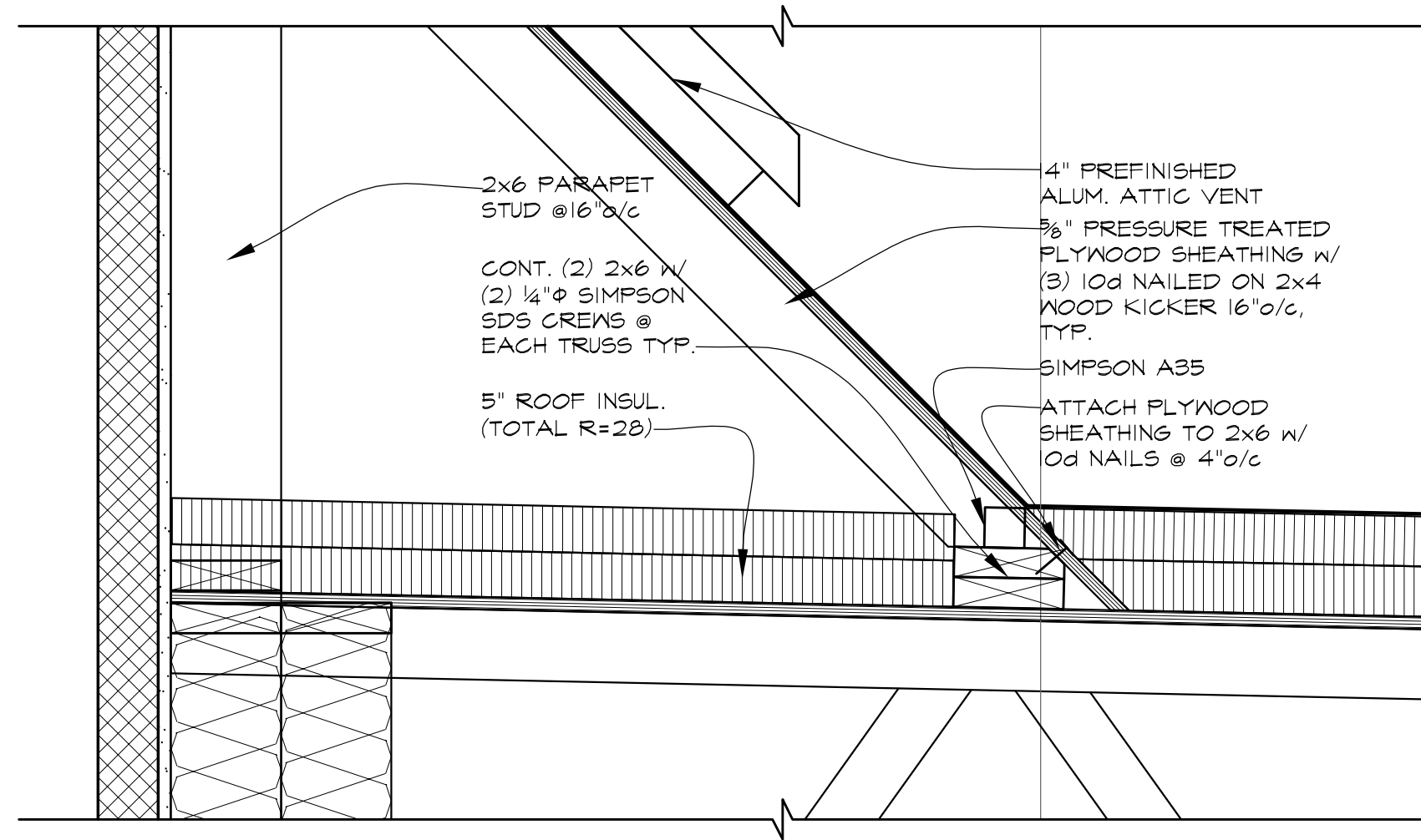
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NO.	DESCRIPTION	DATE
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2	FOR PERMIT	9/19/2026
3	FOR CONSTRUCTION	9/19/2026

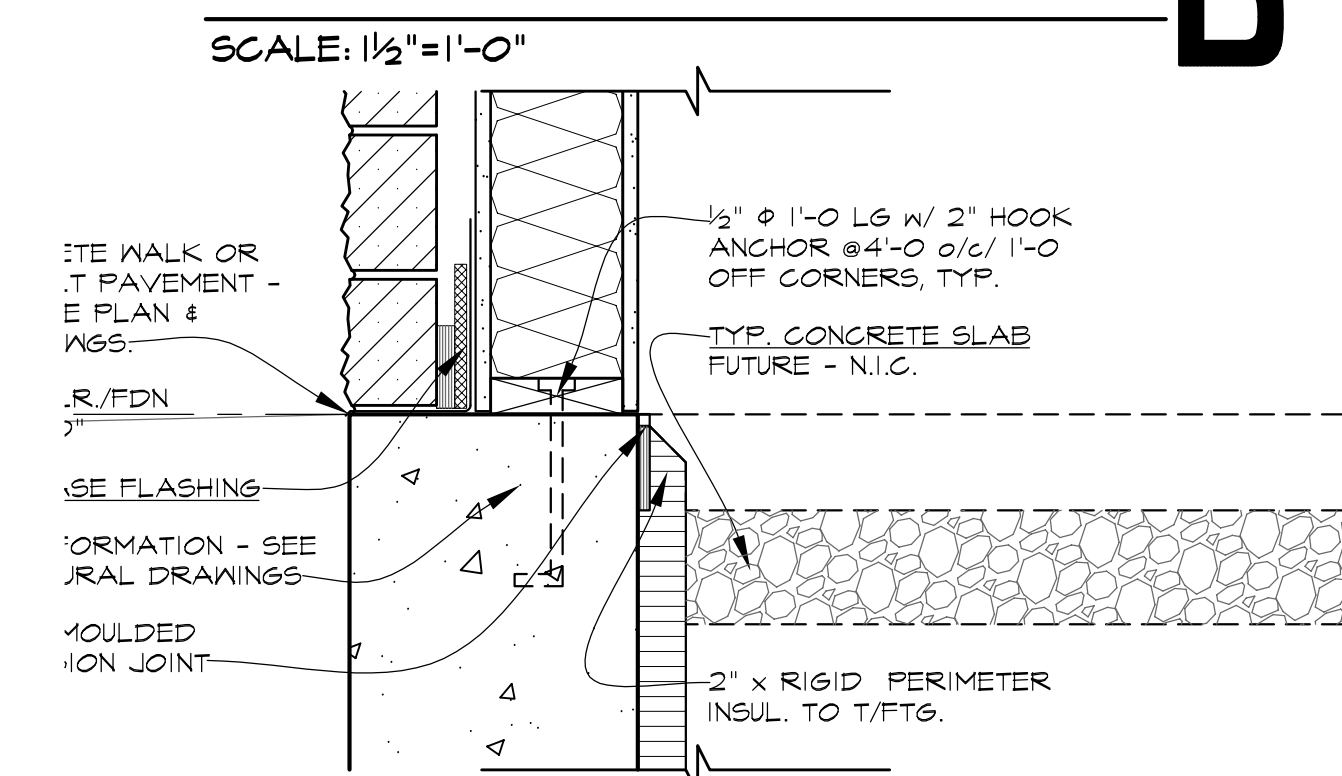
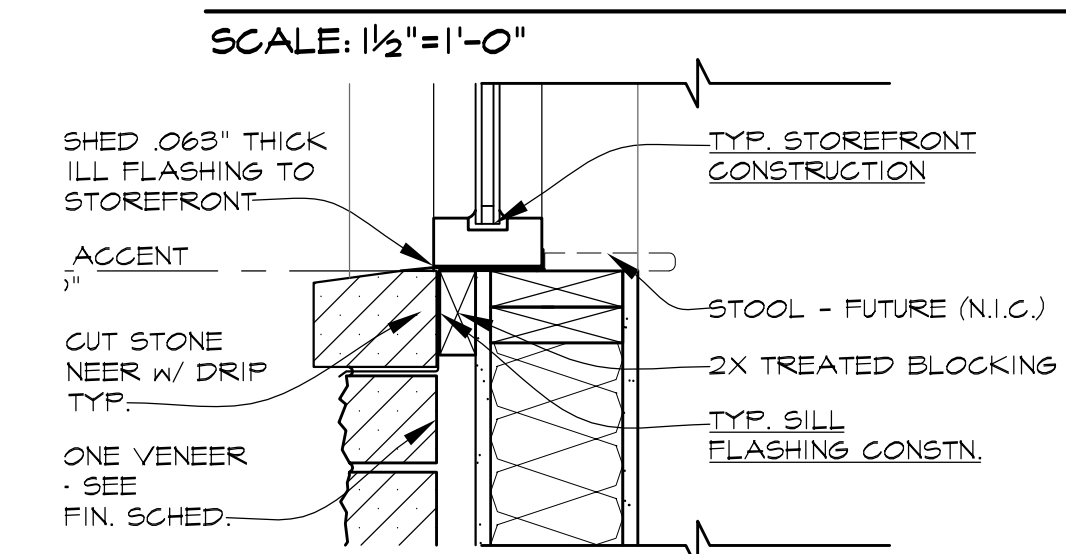
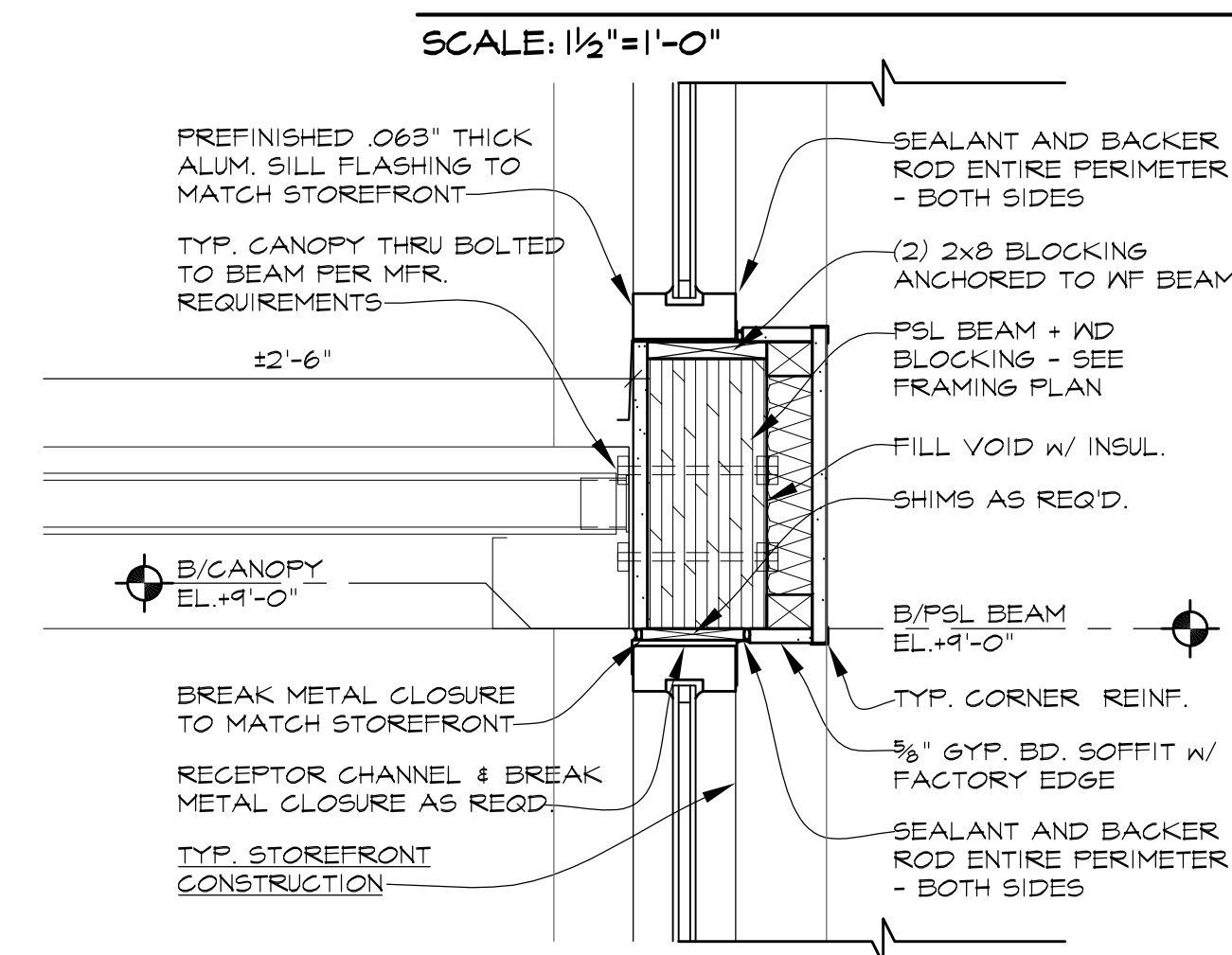
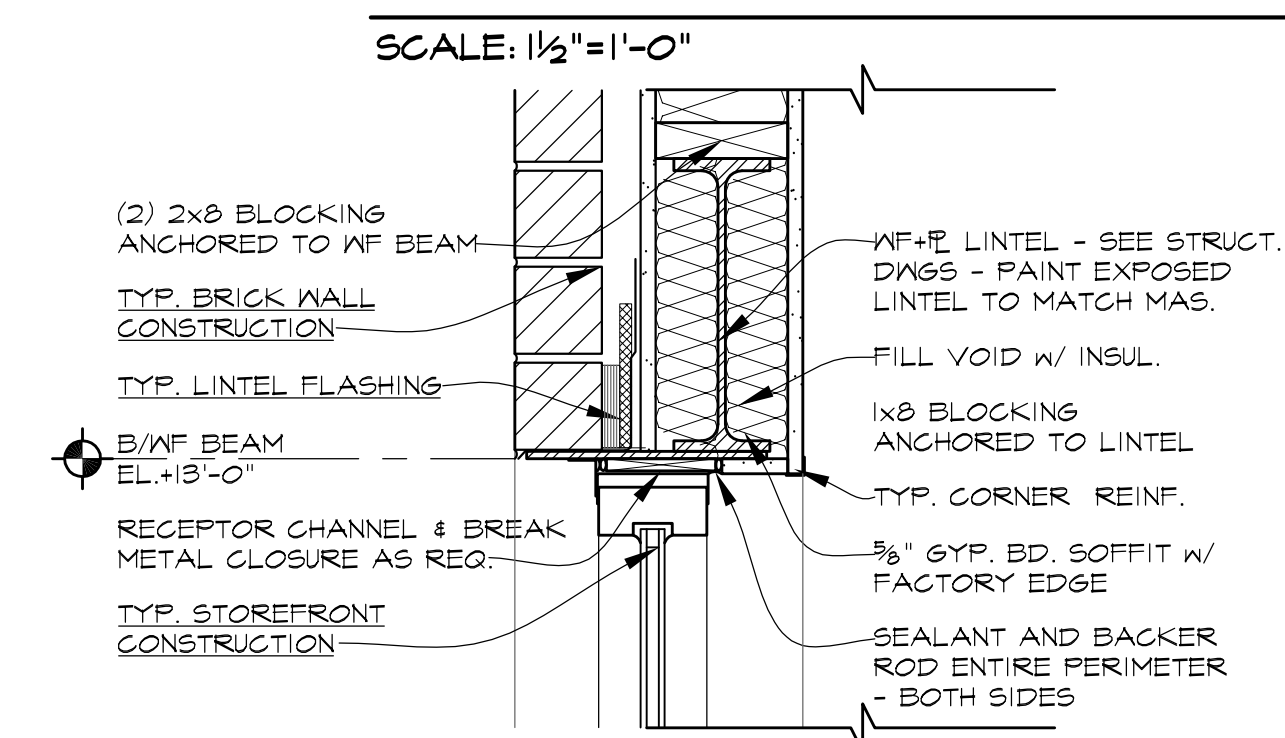
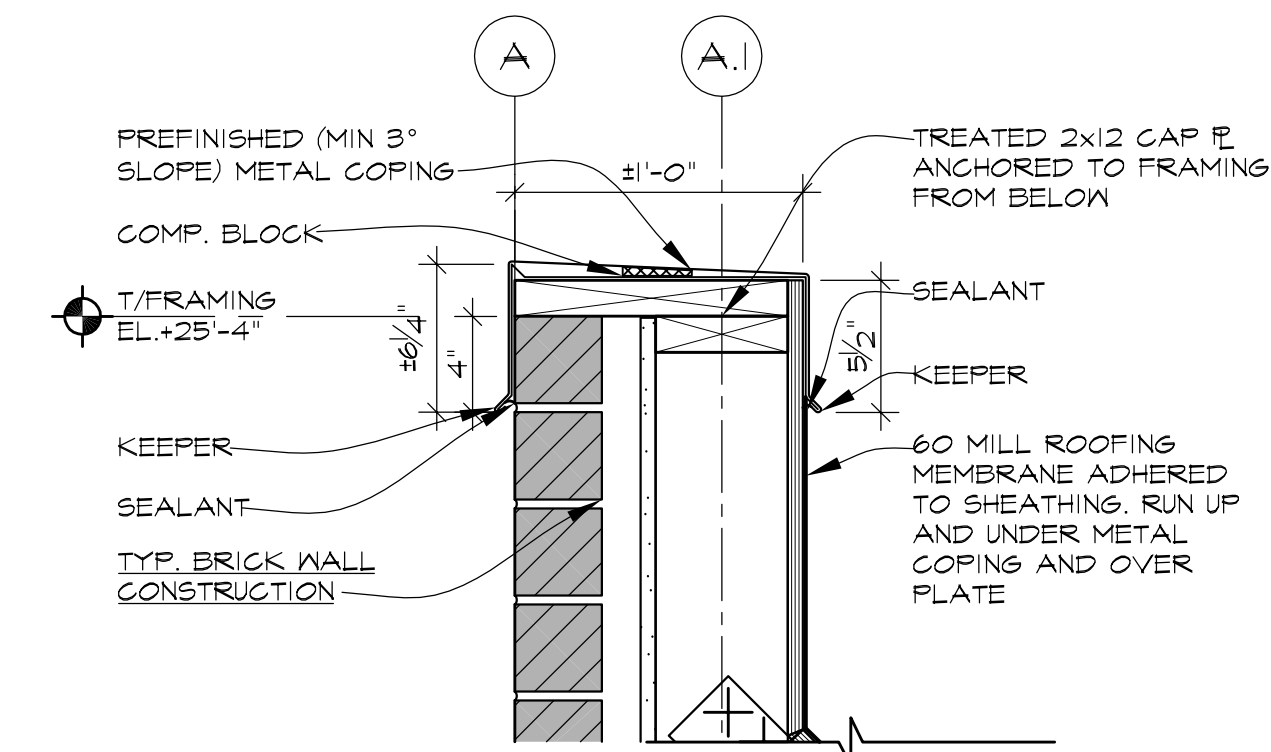
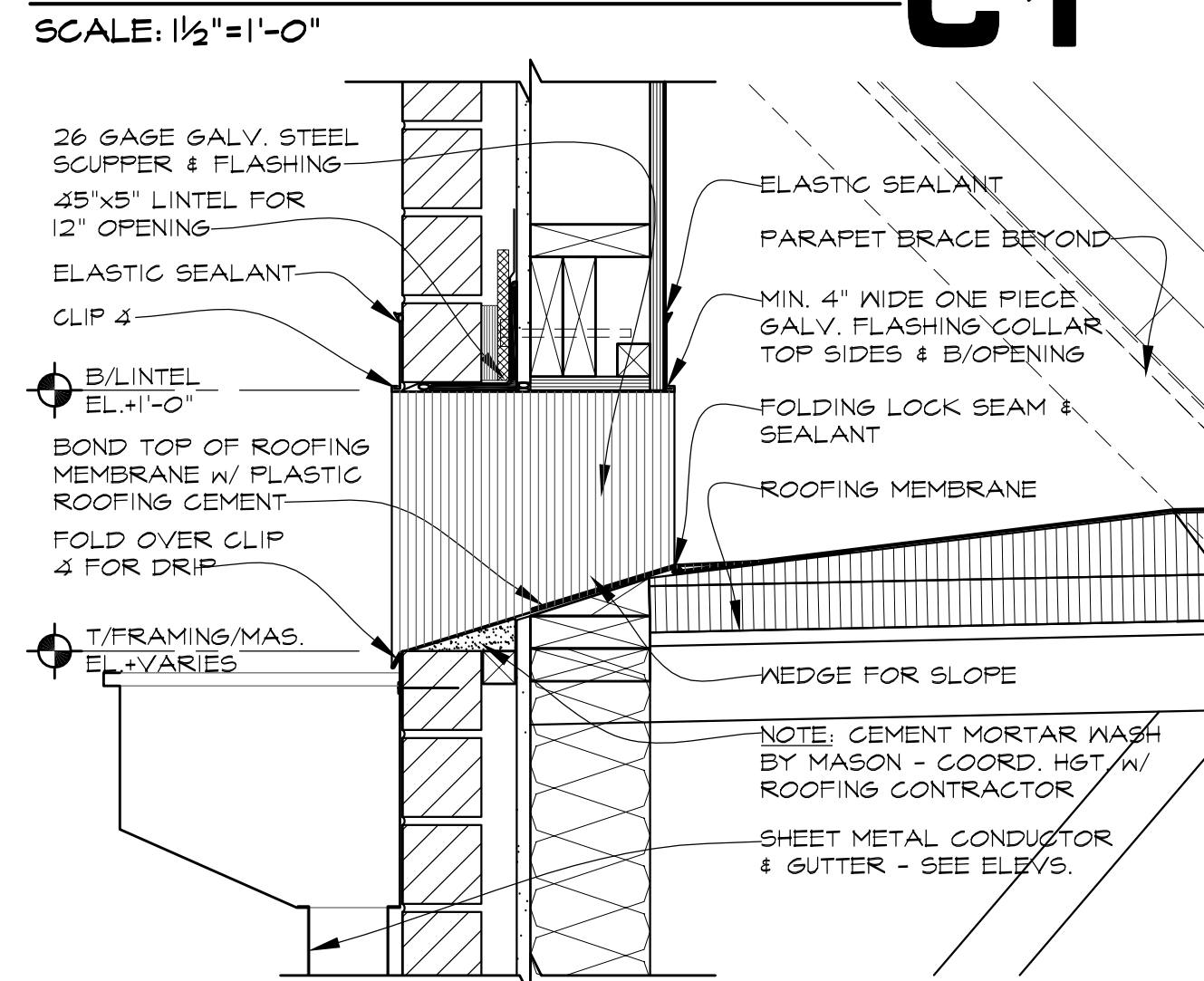
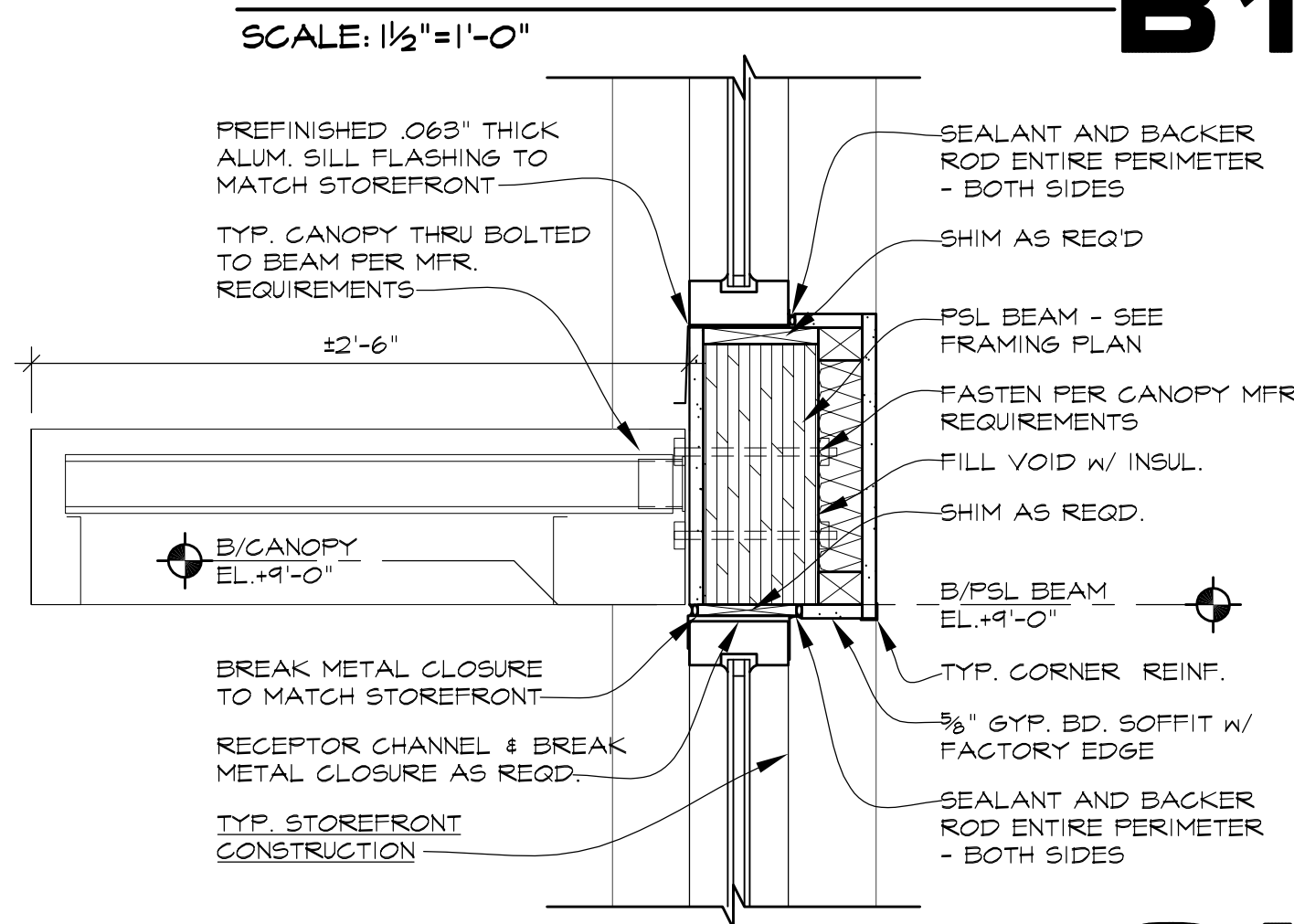
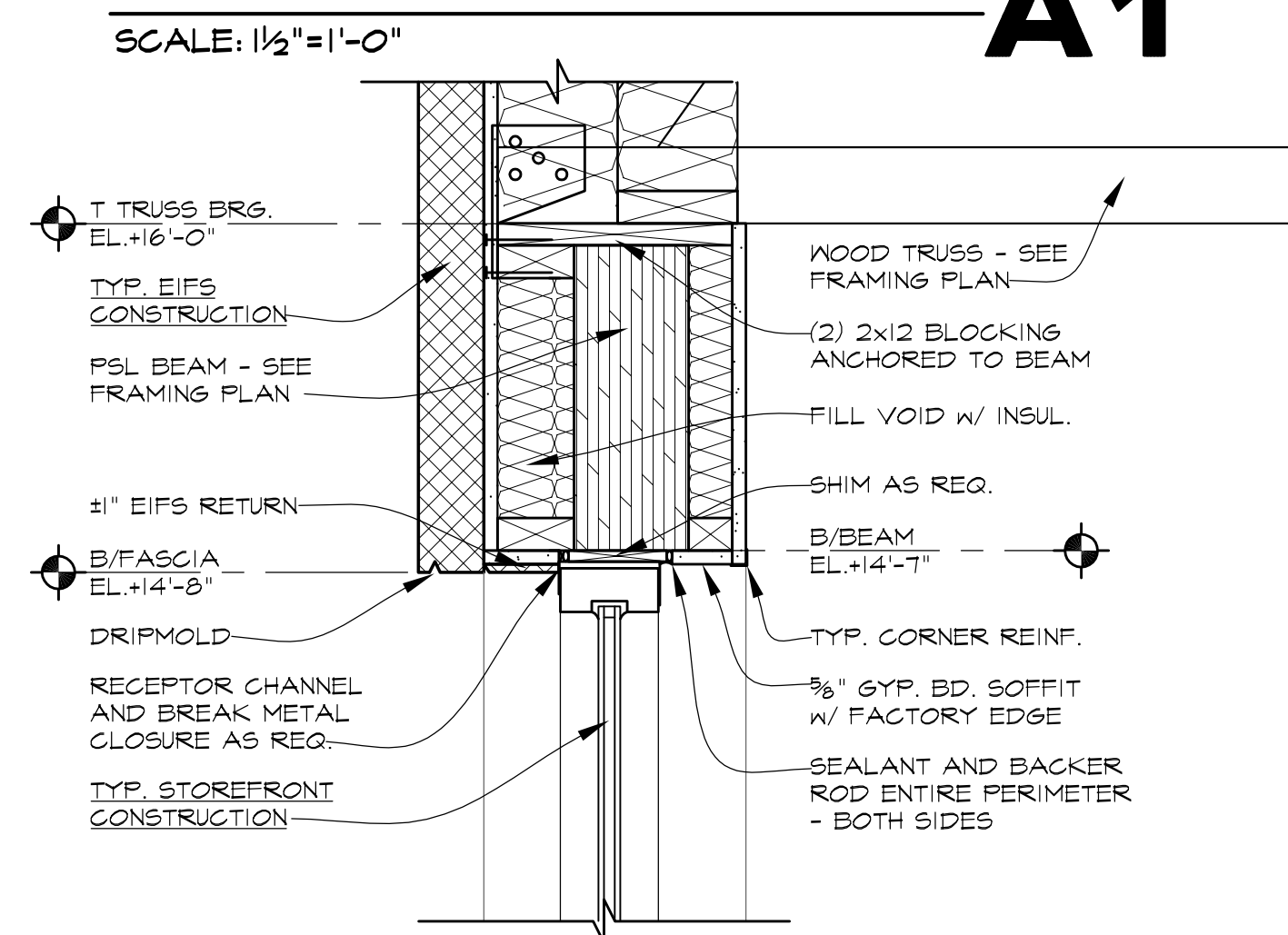
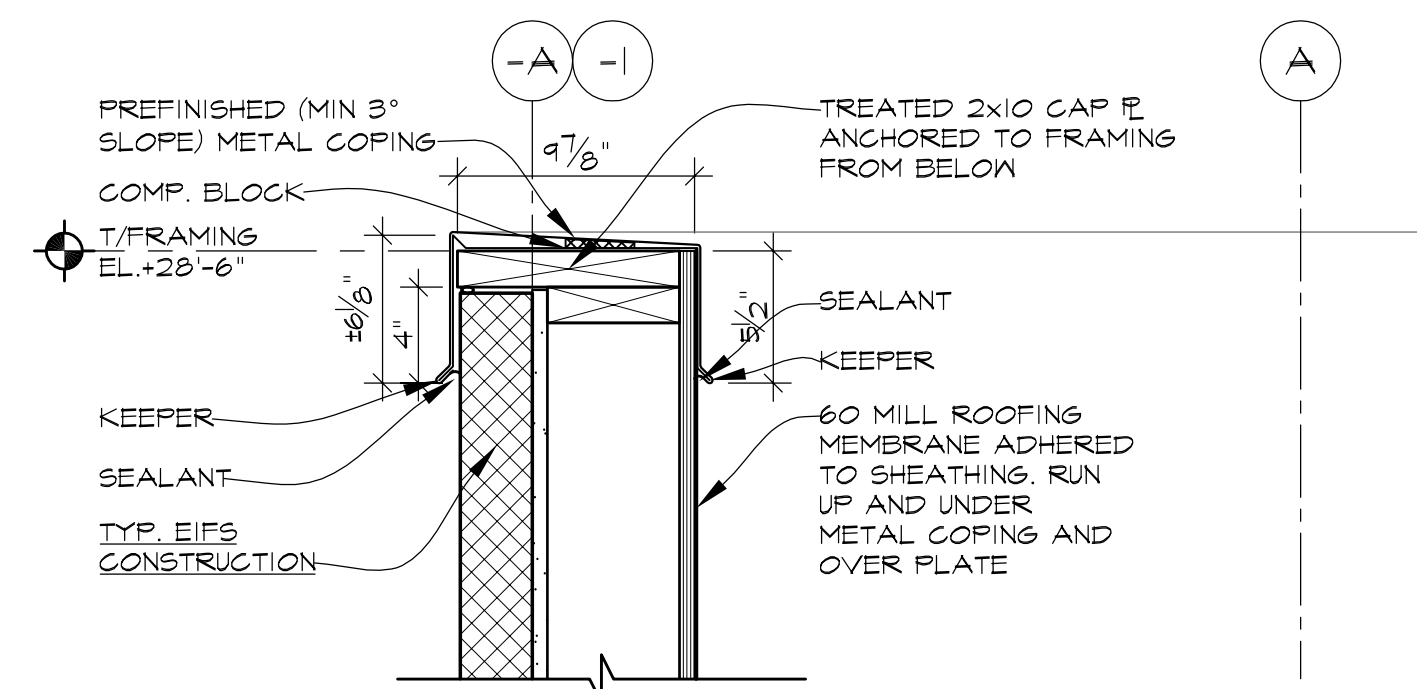
THIS DRAWING

KMA & ASSOCIATES, ARCHITECTS
2205 LAKESIDE DRIVE
BANNOCKBURN, ILLINOIS 60015-1285
(847)945-0284
FAX (847)945-0284

ERIC L. SMITH
012-618134
STATE OF ILLINOIS
EXPIRES 11-30-26



NOT USED
SCALE: 1/2"=1'-0"



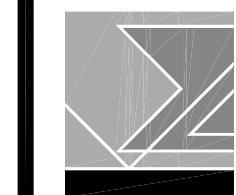
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4/21/2026
REVISIONS

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			9/18/2028	

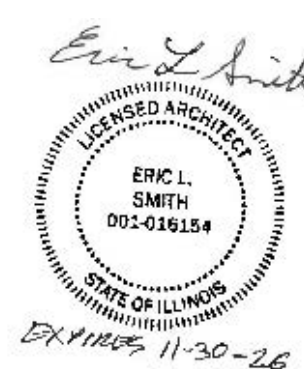
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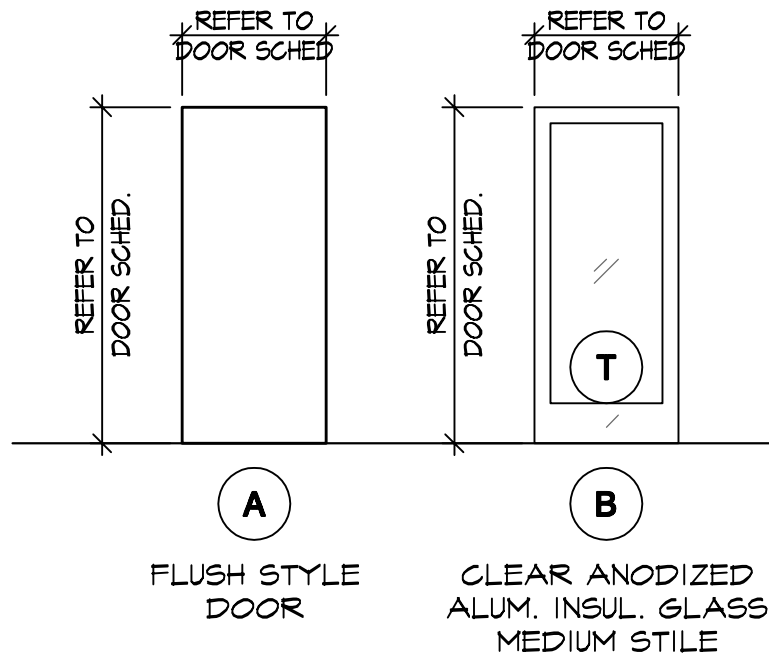
SHEET TITLE
DETAILS

2511



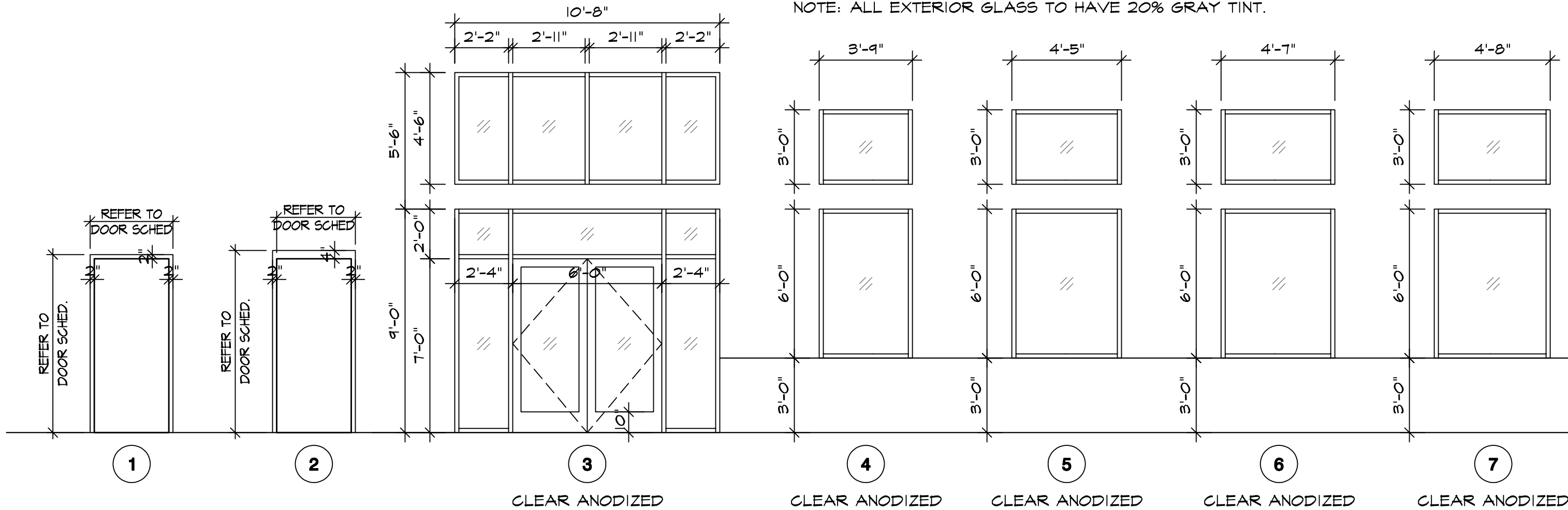
EXPIRES 11-30-26

A
4.2



DOOR TYPES

SCALE: 1/4"=1'-0"



NOTE: ALL EXTERIOR GLASS TO HAVE 20% GRAY TINT.

DOOR SCHEDULE

MARK	SIZE W x H	DOOR		FRAME			GLASS TYPE	FIRE RATING	HDW SET	REMARKS
		TYPE	MATERIAL	TYPE	MATERIAL	DEPTH				
100	PR. 3'-0"x7'-0"	B	INSUL. GLASS CLR. ALUM.	3	CLEAR ALUM.	4"	1" INSUL.	NA	H-1	4, 5, 8, 9
101	PR. 3'-0"x7'-0"	B	INSUL. GLASS CLR. ALUM.	3	CLEAR ALUM.	4"	1" INSUL.	NA	H-1	4, 5, 8, 9
102	3'-0"x7'-0"x2"	A	INSUL. H.M. PTD.	2	H.M. PTD.	5-3/4"	PROVIDE PEEP HOLE	NA	H-3	1, 3, 6, 7
103	3'-0"x7'-0"x2"	A	S.C.W.D.	1	H.M. PTD.	4"	NA	NA	H-2	1, 3, 6, 7

DOOR SCHEDULE REMARKS

- NO. ITEM
- ALL HOLLOW METAL FRAMES TO BE 14 GAUGE GRAY PRIMED STEEL, FULLY WELDED AND GROUND SMOOTH.
 - ALL HOLLOW METAL DOORS TO BE 16 GAUGE GRAY PRIMED STEEL W/ INSULATED CORE. (NOT USED.)
 - ALL EXTERIOR HOLLOW METAL FRAMES AND DOORS TO BE GALVANIZED.
 - ALL ALUMINUM FRAMES ARE TO BE TERMALLY BROKEN W/ FINISH BY OWNER.
 - ALL EXTERIOR GLAZING IN WINDOWS TO BE 1" INSULATED GLASS W/ LOW-E (GLAZING TO BE BRONZED OR GRAY TINTED PER OWNER.)
 - PAINT ALL EXPOSED STEEL.
 - EXTERIOR HOLLOW METAL DOORS TO HAVE A U-FACTOR OF 0.37.
 - ALL EXTERIOR FIXED GLASS WINDOW ASSEMBLIES TO HAVE A U-FACTOR OF 0.38.
 - TEMPERED GLAZING ARE REQUIRED AT HAZARDOUS LOCATIONS AND WHERE NOTED 'T'.
 - LAMINATE FINISH FOR FUTURE INTERIOR DOORS TO BE WILSONART - ANTIQUE MARULA PINE-8216K-28.

DOOR HARDWARE SHALL BE CAPABLE OF OPERATION W/ THE USE OF HAND AND SHALL NOT REQUIRE TIGHT PINCHING, TIGHT GRASPING OR TWISTING OF THE WRIST TO OPERATE. THUMB-TURN DEAD BOLTS ARE PROHIBITED; LEVER OR PADDLE DEADBOLT RELEASE ARE ACCEPTABLE. DOOR THRESHOLDS SHALL NOT EXCEED ONE-HALF INCH (1/2") IN HEIGHT, THRESHOLDS EXCEEDING ONE-QUARTER (1/4") IN HEIGHT SHALL HAVE A 1:2 BEVEL. DOOR CLOSERS SHALL MEET OPENING FORCE AND SWEEP PERIOD REQUIREMENTS.

HARDWARE GROUPS

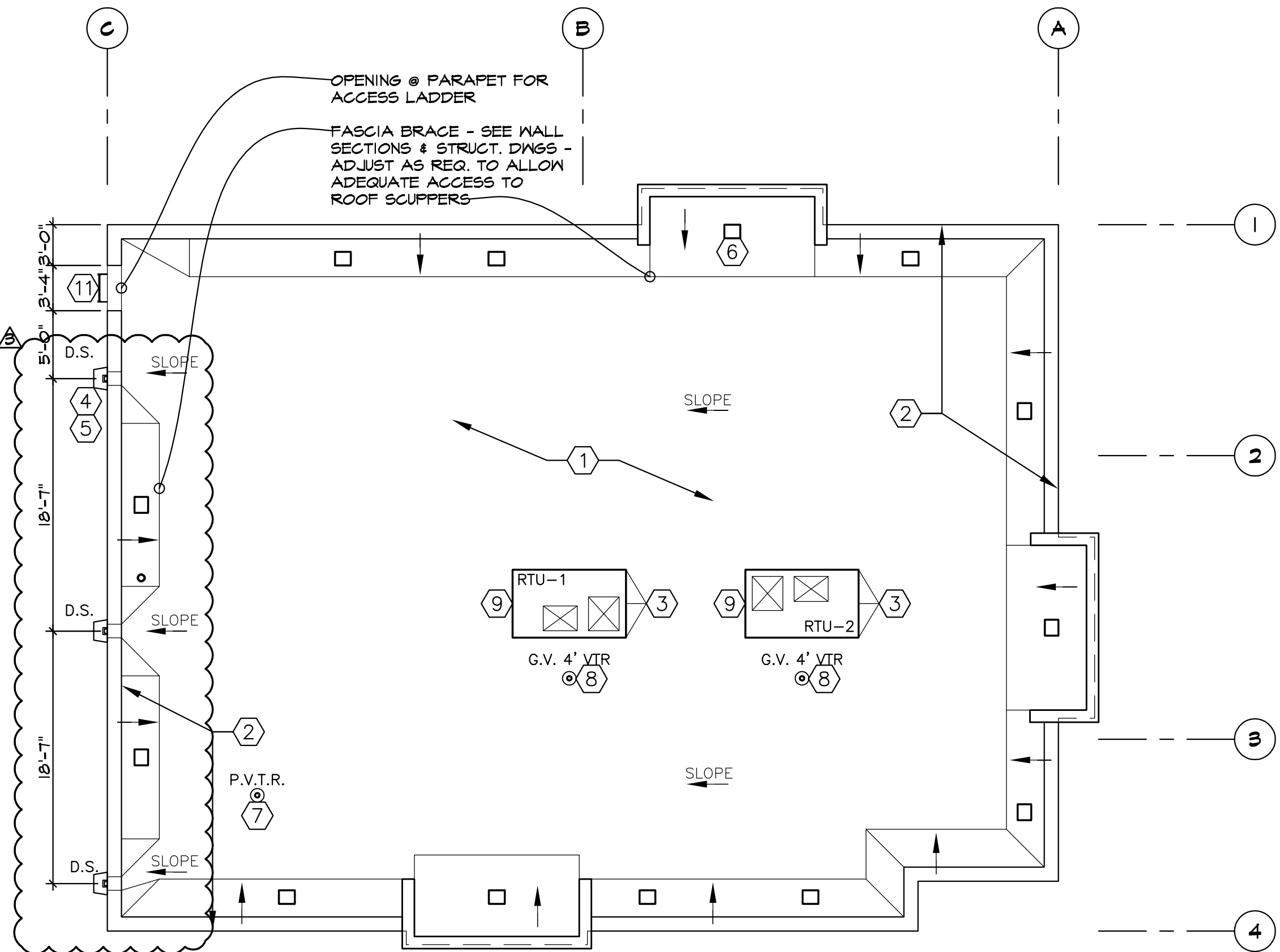
- NOTES:
- ALL HARDWARE TO HAVE US26D SATIN CHROMIUM FINISH OR BRUSHED ALUM. FIN. UNLESS NOTED OTHERWISE. STOREFRONT DOOR HARDWARE TO MATCH STOREFRONT FINISH. ALL LATCHSETS, LOCKSETS & CYLINDERS BY SCHLAGE "A" SERIES AND/OR PAIRED W/ "B" SERIES DEADBOLTS U.N.O. ALL FUNCTIONS/DEVICES MUST MEET A.D.A. REQUIREMENTS (THUMB-TURNS NOT ALLOWED). ALL HDWE USED FOR NORMAL OPERATION TO BE MOUNTED A MIN. OF 34" AND A MAX. OF 48" ABOVE THE FINISH FLOOR.
- H-1 CONTINUOUS PIANO HINGE EACH DOOR
PANIC BAR/FULL HANDLE
ADAMS RITE MS 1850/SI/S2
CYLINDER E2151-I FUNCT.
"SINGLE CYLINDER DEADBOLT LOCK"
W/ MS 4550 DEADBOLT ADA LEVER
WEATHERSTRIP/SWEEP/THRESHOLD
EXTENSION FLUSH BOLT
CLOSER
- H-2 1-1/2 PAIR BALL BEARING HINGES
EACH DOOR
PRIVACY LATCH
CLOSER
DOOR BUMPER
- H-3 CONTINUOUS PIANO HINGE EACH DOOR
PANIC BAR/LOCKSET
CLOSER
WETHERHEAD/SWEEP/THRESHOLD

ROOF PLAN GENERAL NOTES:

- ARROWS ON THE ROOF PLAN DESIGNATE THE INTENDED DIRECTIONS OF SURFACE WATER DRAINAGE.
- ALL ROOF CURBS FOR TOP EQUIPMENT ARE TO BE PREMANUFACTURED, UNLESS NOTED OTHERWISE.

ROOFING KEY NOTES:

- T.P.O. MEMBRANE ROOFING SYSTEM**
60 MILL WHITE SINGLE PLY T.P.O. MEMBRANE ROOFING SYSTEM FULLY ADHERED W/ 5-1/2" MINIMUM AVERAGE THICKNESS OF RIGID INSULATION IN TWO LAYERS W/ STAGGERED JOINTS AND TAPERED INSULATION SADDLES AND CRICKETS WHERE SHOWN ON ROOF PLAN. INSTALL ROOFING SYSTEM PER MANUFACTURER'S RECOMMENDED PROCEDURES TO ACHIEVE 20 YEAR, NO DOLLAR LIMIT, TOTAL SYSTEM WARRANTY. MINIMUM SLOPE OF MEMBRANE SYSTEM TO BE 1/4" PER FOOT.
- PREFINISHED ALUMINUM COPING SYSTEM**
PROVIDE TWO PART SNAP-ON INTERLOCKING PREFINISHED ALUMINUM COPING SYSTEM. COPING SYSTEM TO BE COVERED BY MANUFACTURER'S TOTAL SYSTEM WARRANTY. COLOR TO MATCH ADJACENT WALL FIN.
- TAPERED INSULATION SADDLE**
1/4" PER FOOT INSULATION IN ADDITION TO 5-1/2" MINIMUM AVERAGE RIGID INSULATION AS SHOWN ON DRAWINGS.
- CONDUCTOR**
PREFINISHED 6"H x 5"W ALUMINUM CONDUCTOR. COLOR TO MATCH ADJACENT WALL FIN. DOWNSPOUT SYSTEM TO BE COVERED BY MANUFACTURER'S TOTAL WARRANTY. SEE DETAIL F/A4.2 FOR ADDITIONAL INFORMATION.
- DOWNSPOUT**
PREFINISHED 4"x6" ALUMINUM DOWNSPOUT. COLOR BY OWNER. DOWNSPOUT SYSTEM TO BE COVERED BY MANUFACTURER'S TOTAL SYTEM WARRANTY. TIE DOWNSPOUT SYSTEM DIRECTLY TO STORM SEWER.
- ATTIC VENT**
GAF/MASTERFLOW ROOF LOUVER SSB960AWF - METAL SUPER SLANT BLACK MIN. 60sq./in NFA.
- PLUMBING VENT**
EXTEND PLUMBING VENT STACK TO 1'-6" MINIMUM ABOVE ROOFING. KEEP CLEAR OF SCUPPER BUT NEAR GREASE TRAP. REFER TO MECHANICAL DRAWINGS.
- GAS VENT**
EXTENS GAS VENT BOVE FINISHED ROOFONG. REFER TO PLUMBING AND MECHANICAL DRAWINGS.
- EQUIPMENT CURB**
PROVIDE MANUFACTURED ROOF CURBS FOR ALL MECHANICAL AND VENTILATION EQUIPMENT. REFER TO MECHANICAL AND STRUCTURAL DRAWINGS FOR SIZES OF OPENINGS.
- MECHANICAL EQUIPMENT VENT (FOR FUTURE USE)**
EXTEND MECHANICAL VENT STACK TO 2'-0" MINIMUM ABOVE ROOFING. REFER MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- ROOF LADDER WITH CAGE**
STEEL ROOF LADDER W/ SAFETY CAGE AND TOP STEP 6-3/4" ABOVE EDGE OF ROOF. COLOR BY OWNER.



ROOF PLAN

SCALE: 1/8"=1'-0"

9/21/2026

REVISIONS

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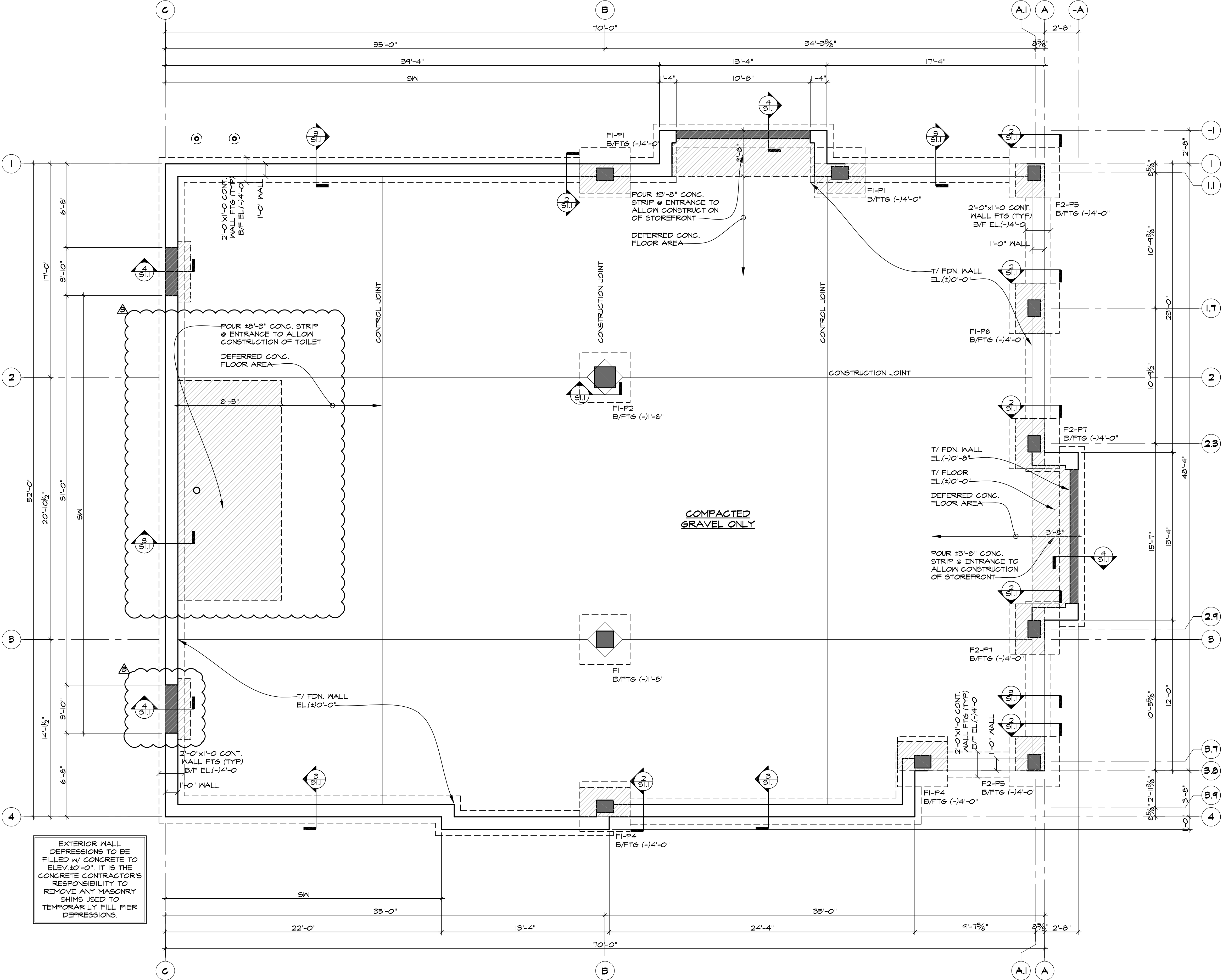
SHEET TITLE
ROOF PLAN
DOOR & ROOM FINISH SCHEDULE
NOTES
DETAILS
2511

ERIC L. SMITH
001-016154
STATE OF ILLINOIS
EXPIRES 11-30-26

FOUNDATION NOTES:			
1.	FLOOR CONSTRUCTION - BY OTHERS: 5" THICK CONCRETE SLAB OVER 6" GRANULAR FILL ON GRADE REINFORCED WITH 6x6 - W2.1xW2.1 W.W.F. AT MID DEPTH, ON 10 MIL POLYETHYLENE VAPOR BARRIER.		
2.	MAXIMUM ALLOWABLE DESIGN SOIL BEARING CAPACITY 3000 PSI = TO BE FIELD VERIFIED.		
3.	TOP OF SLAB ELEVATION = ±0'-0" (REFERENCE ELEVATION). SEE CIVIL DRAWINGS FOR FINISH FLOOR ELEVATION. SEE ARCHITECTURAL DRAWINGS FOR MINOR DEPRESSIONS AND SLOPES TO DRAINS.		
4.	SEE ARCHITECTURAL/LANDSCAPE/CIVIL DRAWINGS FOR SIDEWALKS, PAVING, SITE RETAINING/LANDSCAPE WALLS, AND DRAINAGE.		
5.	SOILS ENGINEER SHALL INSPECT BOTTOM OF FOOTING EXCAVATIONS AND APPROVE BEARING MATERIAL. FOOTING EXCAVATIONS SHALL BE CLEAN AND FREE OF WATER BEFORE PLACING CONCRETE.		
6.	SEE SHEET S-2.1 FOR STRUCTURAL NOTES.		
7.	[100' / 634.11'] DENOTES PROPOSED FINISH GRADES USED FOR FOUNDATION DESIGN. VERIFY W/ FINAL CIVIL DRAWINGS.		
8.	PER REINFORCEMENT TO BE DOWELED TO CONCRETE PAD W/ 1'-0" HOOK.		

FOOTING SCHEDULE			
MARK	SIZE	REINFORCEMENT	REMARKS
F-1	4'-0" x 4'-0" x 1'-0"	(5) #5 BARS EACH WAY BOTTOM	SEE DETAIL 1/S1.1
F-2	4'-0" x 4'-0" x 1'-0"	2 LAYERS (5) #5 BARS EACH WAY	SEE DETAIL 2/S1.1

PIER SCHEDULE			
MARK	SIZE	REINFORCEMENT	T/PER ELEV.
P-1	1'-4" x 1'-0" x 3'-0"	8-#4 VERT. BARS W/#3 STIRRUPS (3) @3" o/c @TOP 8" THEREAFTER	(-)'1'-0 (99'-0)
P-2	1'-8" x 1'-8" x 2'-0"	8-#4 VERT. BARS W/#3 STIRRUPS (3) @3" o/c @TOP 8" THEREAFTER	(-)'1'-0 (99'-0)
P-3	NA	NA	NA
P-4	1'-4" x 1'-0" x 3'-0"	8-#4 VERT. BARS W/#3 STIRRUPS (3) @3" o/c @TOP 8" THEREAFTER	(-)'1'-0 (99'-0)
P-5	1'-2" x 1'-0" x 3'-0"	8-#5 VERT. BARS W/#3 STIRRUPS (3) @3" o/c @TOP 8" THEREAFTER	(-)'1'-0 (99'-0)
P-6	1'-4" x 1'-0" x 3'-0"	8-#4 VERT. BARS W/#3 STIRRUPS (3) @3" o/c @TOP 8" THEREAFTER	(-)'1'-0 (99'-0)
P-7	1'-4" x 1'-0" x 3'-0"	8-#5 VERT. BARS W/#3 STIRRUPS (3) @3" o/c @TOP 8" THEREAFTER	(-)'1'-0 (99'-0)

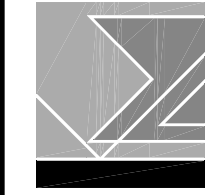


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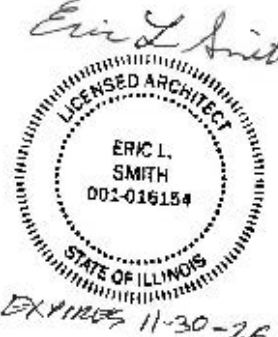
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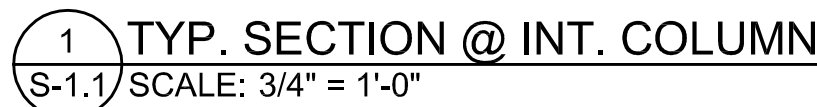
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SHEET TITLE
FOUNDATION PLAN
NOTES
DETAILS

2511



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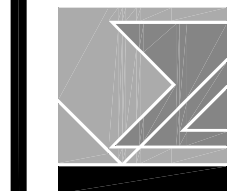


E CONCRETE PIER DETAILS
S-1.1 SCALE: 3/4" = 1'-0"

NOTES:
- ALL PIERS TO BE REINFORCED w/ 4#6 VERT. & #4 @8" o/c TIES UNLESS NOTED OTHERWISE. SEE PLAN. ALL T/PIERS TO BE (-)1'-0".
- COORDINATE ANCHOR CONFIGURATION w/ THE STEEL DWG. S-2.

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NOT	FOR BIDDING	
	FOR PERMIT	9/18/2026
NOT	FOR CONTRACTING	

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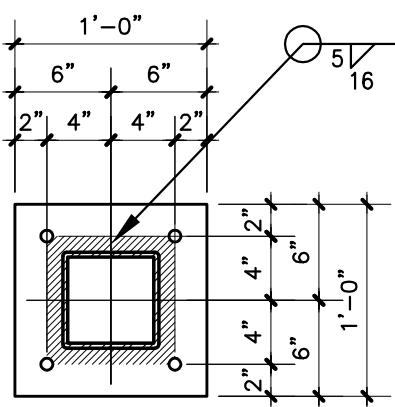
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LICENSED ARCHITECT
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001-016154
STATE OF ILLINOIS
EX-11055 11-30-26

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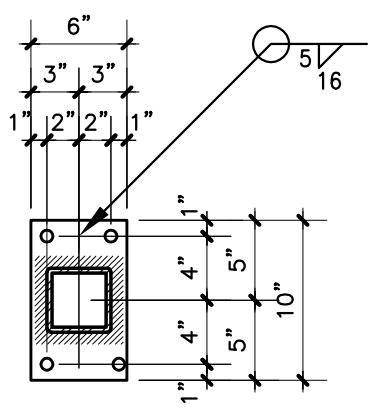
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ROOF FRAMING NOTES

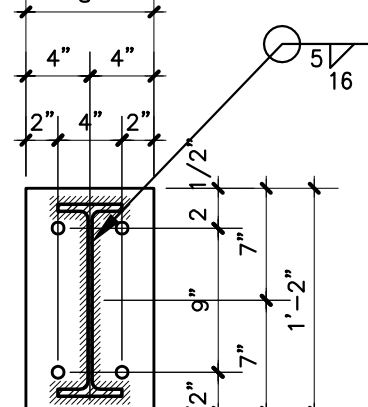
1. REFER TO MECHANICAL DRAWINGS FOR THE LOCATION OF ROOF TOP EQUIPMENT.
2. PROVIDE (2) 2x6 BLOCKING AT ALL HANGER LOCATIONS AND AROUND ALL ROOF PENETRATIONS.
3. PROVIDE SHOP DRAWINGS TO ARCHITECT FOR REVIEW PRIOR TO FABRICATION.
4. ROOF OPENING DIMENSIONS ARE TAKEN FROM INSIDE FACE OF PARAPET FRAMING.
5. TRUSS SUPPLIER TO PROVIDE FOR ADDITIONAL LOADING FROM EQUIPMENT TO TRUSS.
6. STEEL ERECTOR TO PROVIDE ALL NECESSARY TEMPORARY BRACING OF STRUCTURAL STEEL AS REQUIRED.
7. TRUSS SUPPLIER TO PROVIDE ALL NECESSARY TRUSS HANGERS AS REQUIRED TO INSURE COMPLETE INSTALLATION OF TRUSS COMPONENTS.
8. VERIFY ALL ROOF TOP EQUIPMENT AND FUTURE KITCHEN HOOD WEIGHTS PRIOR TO TRUSS DESIGN.



C1
HSS 6" x 6" x 5/16" COL.
w/ 12"x12"x3/4" BASE PL.
ON 12" x 1/4" x 1'-0" SET PL.
ON 3/4" NON-SHRINK GROUT BED
w/ (4) 3/4" x 1'-6" ANCHOR BOLT
w/ 6" HOOK 3 3/4 PROJECTION

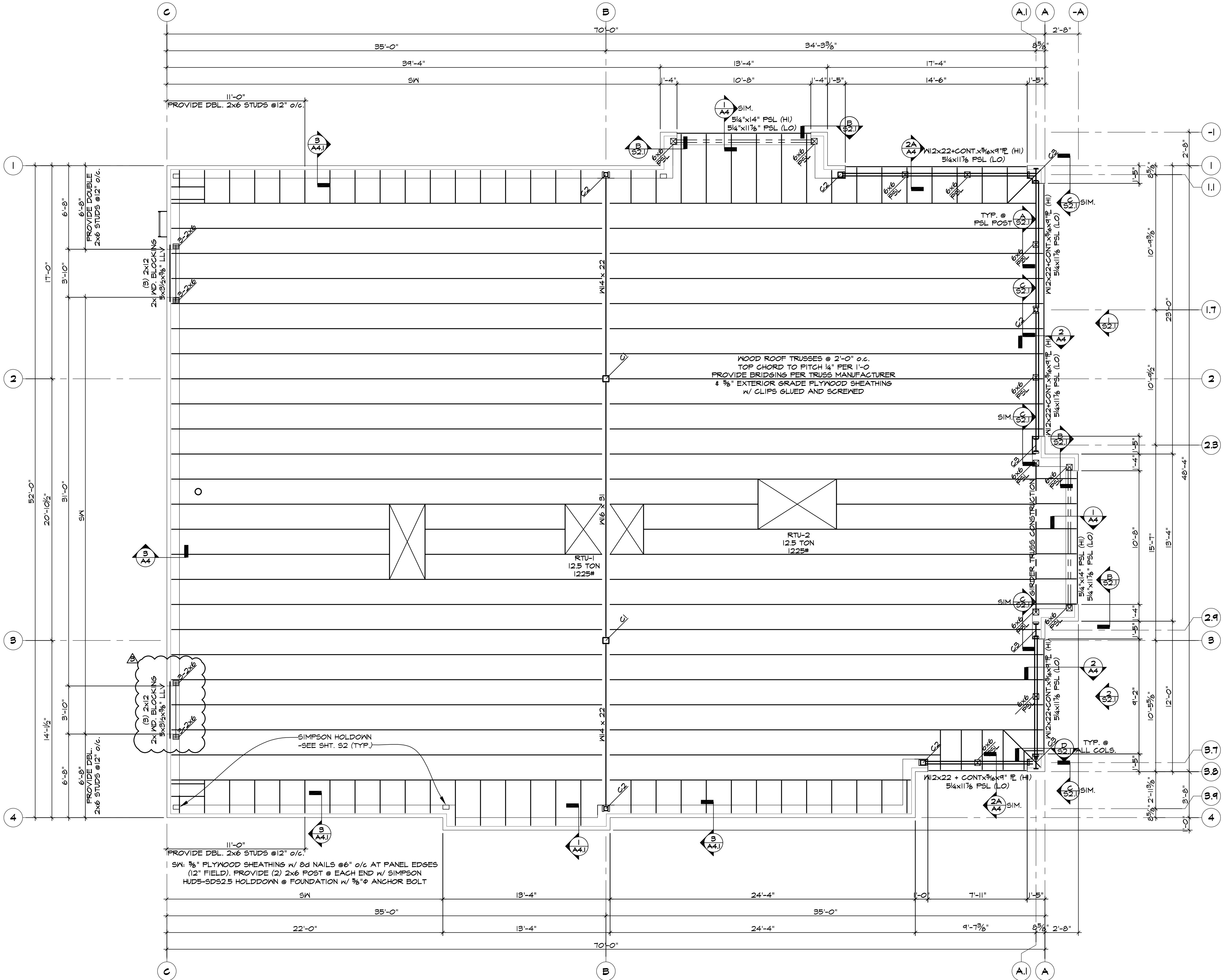


C2
HSS 4" x 4" x 5/16" COL.
w/ 12"x8"x3/4" BASE PL.
ON 12" x 1/4" x 1'-0" SET PL.
ON 3/4" NON-SHRINK GROUT BED
w/ (4) 3/4" x 1'-6" A.B.
w/ 6" HOOK 3 3/4 PROJECTION



C3
W12 x 22 COL.
w/ 12"x8"x1" BASE PL.
ON 12" x 1/4" x 1'-0" SET PL.
ON 3/4" NON-SHRINK GROUT BED
w/ (4) 1" x 1'-6" A.B.
w/ 6" HOOK 3 3/4 PROJECTION

A COLUMN BASE PLATES DETAILS
S-2.1 SCALE: 1" = 1'-0"



ROOF FRAMING PLAN

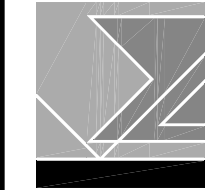
SCALE: 1/4"=1'-0"

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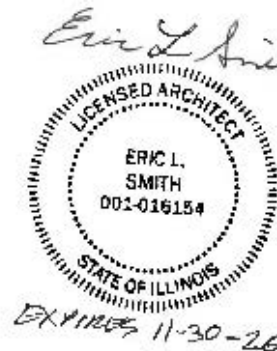
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FOUNDATION PLAN
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2511



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DESIGN LOADS:

CODE:	2018 IBC
ROOF:	
SNOW:	30 PSF
DEAD:	25 PSF
WIND:	V = 107 MPH EXP. C

GENERAL FOUNDATION NOTES:

- ALL SOIL SUPPORTED FOOTINGS SHALL BE FOUNDED UPON UNDISTURBED, NATURAL SUBGRADE WITH A MINIMUM ALLOWABLE BEARING CAPACITY OF 3000 PSF AS FIELD VERIFIED AND APPROVED BY THE OWNER'S SOIL TESTING LABORATORY. THE BOTTOM OF THE FOOTING ELEVATIONS AND SOIL BEARING CAPACITIES AS SHOWN ON THE DRAWINGS ARE ESTIMATED FROM THE SOIL BORING DATA. FINAL, EXACT ELEVATIONS AND SOIL BEARING CAPACITIES SHALL BE FIELD DETERMINED AND VERIFIED BY THE OWNER'S SOIL TESTING LABORATORY AND REVIEWED BY THE ARCHITECT / ENGINEER DURING CONSTRUCTION.
- SOIL SUBGRADE FOR ALL FOOTINGS AND SLABS SHALL BE INSPECTED AND APPROVED BY THE OWNER'S SOIL TESTING LABORATORY IMMEDIATELY PRIOR TO PLACING FOUNDATION CONCRETE OR CONCRETE MUD SLABS.
- ALL FOOTINGS SUBGRADES AS REQUIRED AND ALL SLAB SUBGRADES INCLUDING PIT SLABS SHALL BE COMPACTED TO 95 PERCENT OF MAXIMUM DENSITY AT OPTIMUM MOISTURE CONTENT BASED ON LABORATORY DESIGNATION ASTM D1557. ALL BACKFILL AROUND AND ABOVE ALL FOUNDATION ELEMENTS, FOOTINGS, CAPS, MATS AND PITS SHALL BE COMPACTED TO 90 PERCENT OF MAXIMUM DENSITY AT OPTIMUM MOISTURE CONTENT BASED ON LABORATORY DESIGNATION ASTM D1557.
- ALL ORGANIC AND / OR OTHER UNSUITABLE MATERIALS SHALL BE REMOVED FROM SUBGRADE AND BACKFILL AREAS AND BACKFILLED WITH ACCEPTABLE GRANULAR FILL, COMPACTED TO 95 PERCENT OF MAXIMUM DENSITY. FILL SHALL BE PLACED IN LIFTS NOT TO EXCEED 12 INCHES IN LOOSE THICKNESS.
- DO NOT BACKFILL AGAINST BASEMENT WALLS UNTIL GROUND FLOOR AND LOWER LEVEL SLABS HAVE BEEN PLACED AND THE CONCRETE HAS ATTAINED FULL DESIGN STRENGTH.
- NO MUD SLABS, FOOTINGS OR SLABS SHALL BE PLACED INTO OR AGAINST SUBGRADE CONTAINING FREE WATER, FROST OR ICE. SHOULD WATER OR FROST ENTER A FOOTING EXCAVATION AFTER SUBGRADE APPROVAL, THE SUBGRADE SHALL BE RE-INSPECTED BY THE OWNER'S SOIL TESTING LABORATORY AFTER REMOVAL OF WATER OR FROST.
- THE CONTRACTOR SHALL PROVIDE ALL NECESSARY MEASURES TO PREVENT ANY FROST OR ICE FROM PENETRATING ANY FOOTING OR SLAB SUBGRADE BEFORE AND AFTER PLACING OF CONCRETE AND UNTIL SUCH SUBGRADES ARE FULLY PROTECTED BY THE PERMANENT BUILDING STRUCTURE.
- THE CONCRETE FOR EACH ISOLATED FOOTING SHALL BE PLACED IN ONE (1) CONTINUOUS PLACEMENT.
- ALL SLAB AND FOOTING MUD SLABS SHALL BE THOROUGHLY CLEANED IMMEDIATELY PRIOR TO THE FOUNDATION CONCRETE PLACEMENT.
- ALL SLABS-ON-GRADE SHALL BE PLACED OVER A VAPOR BARRIER AND A MINIMUM OF 6 INCH COMPACTED GRANULAR FILL MATERIAL OVER A COMPACTED SOIL SUBGRADE.
- ALL PERIMETER WALL AND COLUMN FOOTINGS SHALL BEAR A MINIMUM OF 3'-6" BELOW FINISHED GRADES SHOWN ON THE CIVIL DRAWINGS.
- SEE PLUMBING DRAWINGS FOR UNDER FLOOR DRAINAGE SYSTEM AND SPECIAL GRANULAR FILL MATERIALS.
- SEE ARCHITECTURAL DRAWINGS FOR ALL WATERPROOFING AND DAMPROOFING DETAILS.
- SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

GENERAL STEEL NOTES:

- ALL STRUCTURAL STEEL WORK SHALL CONFORM TO THE AISC "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS", LATEST EDITION, AND THE AISC "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES", LATEST EDITION, EXCEPT AS MODIFIED BELOW OR IN THE SPECIFICATIONS.
- ALL STRUCTURAL STEEL W SHAPES SHALL CONFORM TO ASTM A572 OR A992 GRADE 50. ALL OTHER STRUCTURAL STEEL SHAPES, PLATES AND BARS SHALL CONFORM TO ASTM A36 GR 36, UNLESS NOTED OTHERWISE. COLD FORMED TUBING, INCLUDING PIPES, SHALL CONFORM TO ASTM A500 GRADE C, ANCHOR BOLTS SHALL CONFORM TO ASTM F1554 GRADE 36 AND BE COMPATIBLE WITH E70XX ELECTRODES.
- ALL WELDING SHALL BE DONE BY QUALIFIED WELDERS AND SHALL CONFORM TO AWS D1.1 "STRUCTURAL WELDING CODE", LATEST EDITION. ALL WELDING ELECTRODES SHALL BE E70XX.
- THE CONTRACTOR SHALL FIELD VERIFY ALL MEASUREMENTS AND EXISTING CONDITIONS.
- IF CONDITIONS VARY FROM THOSE ON THE DRAWINGS, THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY.
- THE CONTRACTOR SHALL OBSERVE ALL SAFETY RULES DICTATED BY CODE AND GOOD PRACTICE.
- SHOULD UNFORESEEN CONDITIONS OR OTHER CAUSE NECESSITATE THE CONSTRUCTION DETAILS TO BE MODIFIED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER BEFORE PERFORMING THESE CHANGES.

FRAMING NOTES:

- LUMBER SPECIFICATIONS:

HEADERS:	HEM FIR #2	Fb = 850 PSI E = 1,300,000 PSI
STUDS:	DOUG FIR LARCH #1	Fb = 1000PSI E = 1,700,000 PSI
LVL (MICRO LAM):		Fb = 2,600 PSI E = 1,900,000 PSI
PARALLAM (WOLMANIZED):		Fb = 2,090 PSI E = 1,740,000 PSI
PARALLAM (PSL COLS.):		Fb = 2,400 PSI E = 2,500 PSI F = 1,800,000 PSI
- PROVIDE 1/2" DIAMETER SILL ANCHOR BOLTS AT 4'-0" O.C. AND LOCATED NO FURTHER THAN 12" FROM BUILDING CORNERS. THERE SHALL BE A MINIMUM OF 2 BOLTS PER PLATE.
- CUTTING AND NOTCHING OF STUDS SHALL COMPLY WITH THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE (IBC) CH. 23.
- CUTTING AND NOTCHING OF FLOOR AND CEILING JOISTS SHALL MEET WITH THE REQUIREMENTS OF IBC CH. 23.
- ALL HEADERS SHALL BE (2) 2x12's (HEM FIR #2) U.N.O. SEE LINTEL SCHEDULE FOR MASONRY. MINIMUM (3) - 2x4 COLUMN AT EACH END OF ALL WOOD BEAMS & HEADERS (MAX. SPAN 4'-0").
- HOLES BORED IN FLOOR JOISTS SHALL COMPLY WITH IBC CH. 23.
- ALL PLYWOOD SHEATHING IS TO BE APA APPROVED.
- EITHER LAP JOISTS OVER BEAMS PER IRC REQUIREMENTS, OR PROVIDE JOIST HANGERS.
- ALL TIMBER CONNECTIONS (STUDS, JOISTS, RAFTERS AND PLYWOOD) SHALL MEET THE NAILING REQUIREMENTS OF IBC CH. 23.
- ALL DECK CONNECTORS AND THOSE CONNECTING TO PRESSURE TREATED LUMBER SHALL BE GALVANIZED PER ASTM A653 (I.E. SIMPSON ZMAX FINISH). ALL NAILS USED IN PRESSURE TREATED LUMBER AND DECK CONNECTORS SHALL BE GALVANIZED PER ASTM A153.
- PROVIDE BRIDGING AND BLOCKING PER THE REQUIREMENTS OF NATIONAL FOREST PRODUCTS ASSOCIATION (NFPs) DESIGN SPECIFICATIONS.
- WHERE TIMBER FRAMING IS SUPPORTED BY STEEL, A TIMBER PLATE SHALL BE FASTENED TO THE TOP FLANGE OF THE STEEL BEAM. HILTI POWDER ACTUATED FASTENERS (OR EQUIVALENT) SHALL BE USED @ 24" O.C. (MAX.)
- NOT USED.
- NOT USED.
- ALL STUD WALLS TO HAVE SINGLE 2x BOTTOM PLATE & DOUBLE 2x TOP PLATE U.N.O.
- ALL WOOD IN CONTACT WITH CONCRETE TO BE PRESSURE TREATED LUMBER.

OPEN WEB WOOD TRUSSES:

- TRUSSES SHALL BE PER MANUFACTURER, DESIGNED FOR LOADS INDICATED, INSTALLED IN ACCORDANCE WITH MANUFACTURER'S STANDARD SPECIFICATIONS.
- TRUSSES SHALL BE SIZED SUCH THAT MAXIMUM DEFLECTION UNDER LIVE LOAD DOES NOT EXCEED L/360 OF THE SPAN, AND MAXIMUM DEFLECTION UNDER TOTAL LOAD DOES NOT EXCEED L/240 OF THE SPAN.
- ALL WOOD TRUSSES SHALL CONFORM TO DESIGN SPECIFICATION FOR METAL PLATE CONNECTED WOOD TRUSSES "ANSI/TPI 1-2014" BY TRUSS PLATE INSTITUTE AND "NATIONAL DESIGN SPECIFICATION, 2015" BY NATIONAL FOREST PRODUCTS ASSOCIATION.
- SUPPLIER SHALL BE RESPONSIBLE FOR BRACING AND/OR BRIDGING REQUIRED FOR THE DESIGN OF THE TRUSS MEMBERS.
- SUPPLIER SHALL DESIGN AND PROVIDE ALL NECESSARY BEARING PLATES FOR GIRDER TRUSSES. SUPPLIER SHALL PROVIDE ALL CONNECTORS FOR MAIN AND SUPPLEMENTAL FRAMING AS SHOWN ON THE DRAWINGS OR AS OTHERWISE REQUIRED.
- WOOD TRUSS SHOP DRAWINGS (INCLUDING TRUSS LAYOUT PLAN) AND CALCULATIONS, STAMPED BY A STRUCTURAL ENGINEER LICENSED IN THE STATE OF ILLINOIS, SHALL BE SUBMITTED TO A / E PRIOR TO FABRICATION. CALCULATIONS SHALL INCLUDE NOT ONLY A SUMMARY SHEET, BUT ALSO THE DETAILED DESIGN FROM WHICH THE SUMMARY IS OBTAINED.
- PROVIDE SIMPSON WM MASONRY HANGER (OR APPROVED EQUAL) FOR CONNECTION OF TRUSSES OR JOIST TO MASONRY WALL.
- PROVIDE SIMPSON MBHA HANGERS FOR SUPPORT OF GIRDER TRUSSES AND LVLS AT MASONRY WALLS. GROUT MASONRY SOLID (2 COURSES) AT HANGERS.

LINTEL NOTES

- LINTELS SHALL BE PROVIDED FOR ALL OPENINGS AS INDICATED ON THE DRAWINGS. IN ADDITION, LINTELS ARE REQUIRED FOR MECHANICAL, ELECTRICAL, OR PLUMBING OPENING IN A MASONRY WALL WITH A WIDTH GREATER THAN 12".
 - LINTELS SHALL HAVE MINIMUM BEARING OF 8 INCHES FOR SPANS UP TO 8'-0 AND 16" FOR SPANS GREATER THAN 8'-0" UNLESS NOTED. LINTELS IN NON-LOAD BEARING WALLS SHALL BE OF THE SIZES LISTED BELOW.
 - STELL LINTELS SHALL BE USED FOR ALL BRICK OPENINGS. CMU OPENINGS IN NO-LOAD BEARINGS WALLS MAY BE SPANNED WITH EITHER A STEEL LINTEL OR MASONRY LINTEL BLOCK AT THE CONTRACTORS OPTION. MASONRY LINTEL INFORMATION LEFT BLANK INDICATES THAT A STEEL LINTEL IS REQUIRED. FOR OPENINGS 2'-0" OR LESS, PROVIDE 3/8" PLATE x WALL THICKNESS LESS 1", BEAR 8" EACH END.
- | | | |
|----------------|------------------------|----------------|
| 4 MASONRY SPAN | STEEL LINTEL | MASONRY LINTEL |
| 2'-0" - 4'-0" | L3 1/2 x 3 1/2 x 5/16 | |
| 2'-0" - 6'-0" | L5 x 3 1/2 x 3/8 (LLV) | |
| 6'-0" - 8'-0" | L6 x 3 1/2 x 3/8 (LLV) | |

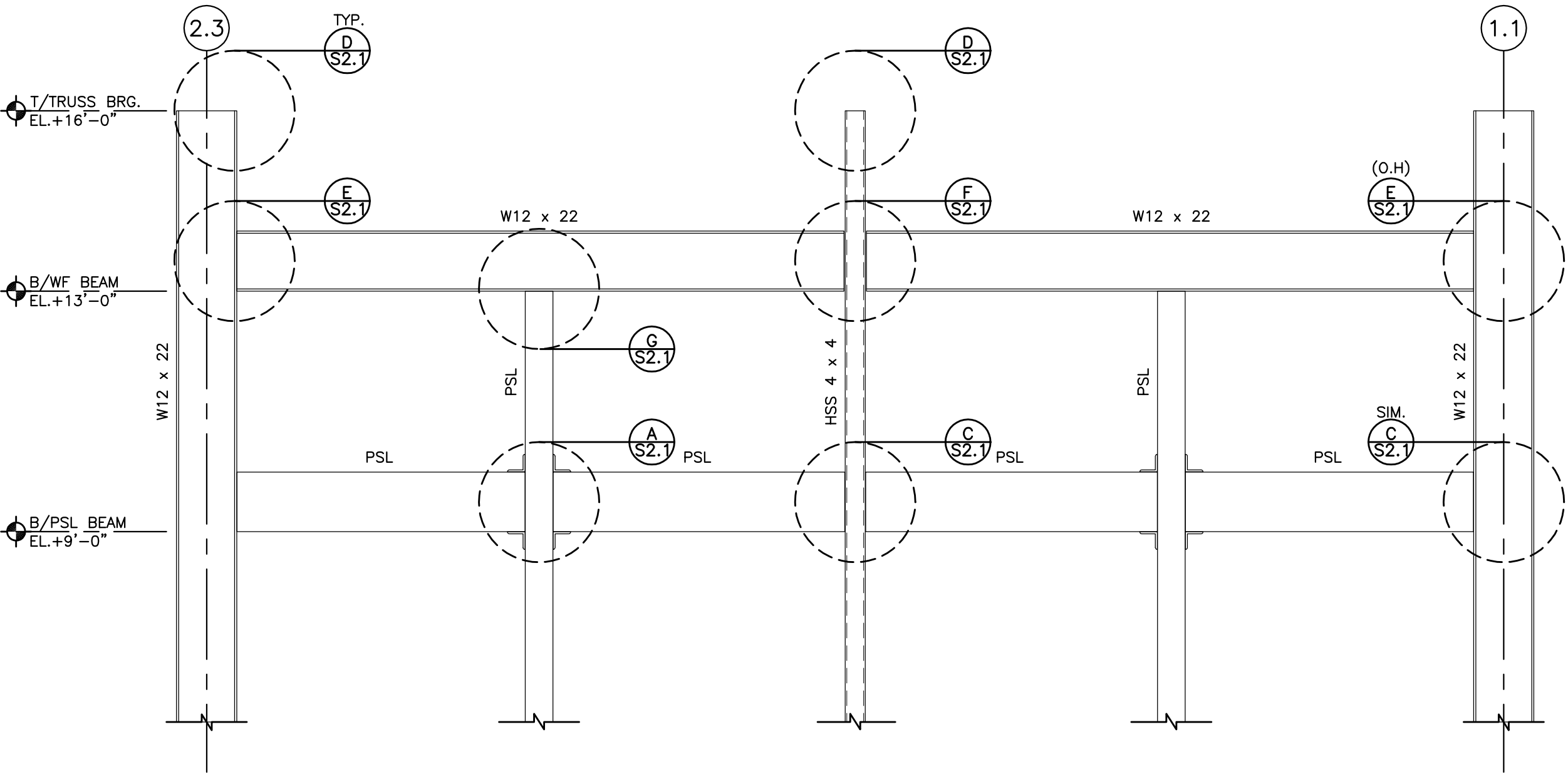
CONCRETE NOTES:

- ALL CONCRETE WORK SHALL CONFORM TO THE REQUIREMENTS OF ACI 318 AND ACI 301, LATEST EDITIONS. THESE DOCUMENTS SHALL BE AVAILABLE IN THE FIELD OFFICE.
- EXCEPT WHERE OTHERWISE INDICATED, CONCRETE TYPES AND MINIMUM 28-DAY COMPRESSIVE STRENGTHS SHALL BE AS FOLLOWS:

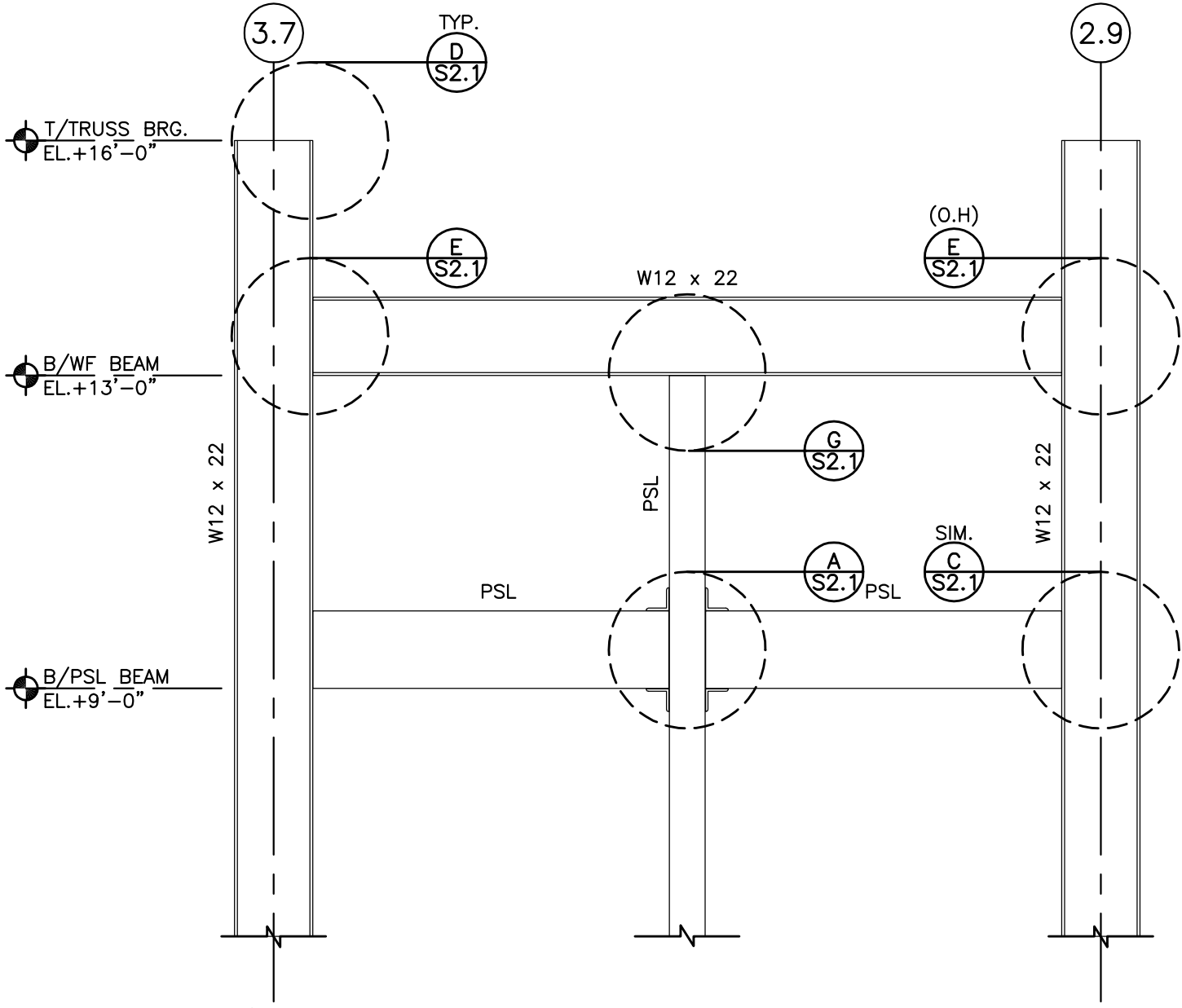
SLAB-ON-GRADE	4000 PSI REGULAR WEIGHT
SLABS ON METAL DECK	4000 PSI REGULAR WEIGHT (LIGHT WEIGHT @ DECK AREAS)
COLUMNS	AS INDICATED ON THE DRAWINGS
SHEAR WALLS	AS INDICATED ON THE DRAWINGS
FOUNDATION WALLS	4000 PSI REGULAR WEIGHT
GRADE BEAMS	5000 PSI REGULAR WEIGHT
ALL OTHER	4000 PSI REGULAR WEIGHT
- CEMENT SHALL CONFORM TO ASTM C150 TYPE 1. USE ONLY ONE BRAND OF CEMENT FOR ALL EXPOSED TO VIEW CONCRETE. AGGREGATES SHALL CONFORM TO ASTM C33 (REGULAR WEIGHT). ALL CONCRETE SHALL CONTAIN AN APPROVED WATER REDUCING ADMIXTURE. ALL EXPOSED CONCRETE SHALL BE AIR-ENTRAINED. NO CALCIUM CHLORIDE SHALL BE USED IN ANY CONCRETE.
- REINFORCING BARS SHALL CONFORM TO ASTM A615, GRADE 60, ALL WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185.
- ALL CONCRETE REINFORCEMENT SHALL BE DETAILED, FABRICATED, LABELED, SUPPORTED AND SPACED IN FORMS AND SECURED IN PLACE IN ACCORDANCE WITH THE PROCEDURES AND REQUIREMENTS OUTLINED IN THE LATEST EDITION OF THE "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES", ACI 315. BAR SUPPORTS IN CONTACT WITH EXPOSED SURFACES SHALL BE PLASTIC TIPPED.
- CHECKED SHOP DRAWINGS SHOWING REINFORCING DETAILS, INCLUDING STEEL SIZES, SPACING AND PLACEMENT SHALL BE SUBMITTED TO THE ARCHITECT FOR REVIEW PRIOR TO FABRICATION.
- THE CONTRACTOR SHALL SUBMIT DETAILED DRAWINGS SHOWING THE LOCATIONS OF ALL CONSTRUCTION JOINTS, REVEALS, CURBS, SLAB DEPRESSIONS, SLEEVES, OPENINGS, ETC.
- ALL REINFORCING SPLICES SHALL CONFORM TO THE REQUIREMENTS OF ACI 318, LATEST EDITION, MINIMUM 48 BAR DIAMETER LAP FOR #6 BAR OR LESS AND 60 BAR DIAMETER LAP FOR #7 BAR OR LARGER. ALL WELDED WIRE FABRIC SHALL BE LAPPED TWO (2) FULL MESH PANELS AND TIES SECURELY. WHERE REQUIRED, DOWELS SHALL MATCH SIZE AND NUMBER OF MAIN REINFORCING, UNLESS NOTED OTHERWISE.
- ALL WALLS AND STRUCTURAL SLABS SHALL BE REINFORCED WITH AT LEAST #4 @ 12" EACH WAY, EACH FACE, UNLESS NOTED OTHERWISE. ALL SLABS-ON-GRADE SHALL BE REINFORCED WITH AT LEAST ONE (1) LAYER OF 6x6 W2.9W2.9 W.W.F., UNLESS NOTED OTHERWISE. PROVIDE ONE ONE (1) LAYER OF 6x6 W1.4W1.4 W.W.F. CONTINUOUS IN ALL CONCRETE FILLS OVER THE STRUCTURAL SLAB.
- ADDITIONAL BARS SHALL BE PROVIDED AROUND ALL FLOOR AND WALL OPENINGS, AS SHOWN ON DETAILS.
- UNLESS NOTED OTHERWISE, ALL MECHANICAL, PLUMBING AND ELECTRICAL EQUIPMENT PADS SHALL BE REINFORCED WITH AT LEAST ON (1) LAYER OF 6x6 W4xW4 W.W.F. SEE HVAC, PLUMBING AND ELECTRICAL DRAWINGS FOR ADDITIONAL REINFORCING REQUIREMENTS OF PADS.
- CONSTRUCTION JOINTS IN ALL FOUNDATION WALLS SHALL BE NOT FURTHER APART THAN 40 FEET IN ANY DIRECTION. ALL CONSTRUCTION JOINTS SHALL BE WIRE BRUSHED, CLEANED AND MOISTENED IMMEDIATELY PRIOR TO PLACING NEW CONCRETE. SEE DRAWINGS FOR CONSTRUCTION JOINT DETAILS.
- PLACE ALL SLABS-ON-GRADE WITH AN APPROVED PATTERN AND SEQUENCE OF CONSTRUCTION AND CONTROL JOINTS TO MINIMIZE SHRINKAGE CRACKS. THE MAXIMUM SPACING BETWEEN JOINTS SHALL BE 15 FEET. A SUGGESTED ARRANGEMENT AND DETAILS ARE SHOWN ON THE DRAWINGS.
- CONCRETE TESTING WILL BE PERFORMED BY THE OWNER'S TESTING LABORATORY IN ACCORDANCE WITH ACI 301 LATEST EDITION CHAPTER 16, EXCEPT AS FOLLOWS: FOR COMPRESSIVE STRENGTH TEST, TAKE ONE SET OF FOUR (4) SPECIMENS FOR EACH 50 CUBIC YARDS OR FRACTION THEREOF OF EACH CONCRETE CLASS PLACED IN ANY ONE DAY. TEST ONE (1) SPECIMEN AT 7 DAYS, TWO (2) SPECIMENS AT 28 DAYS, AND KEEP ONE IN RESERVE.

MISCELLANEOUS NOTES:

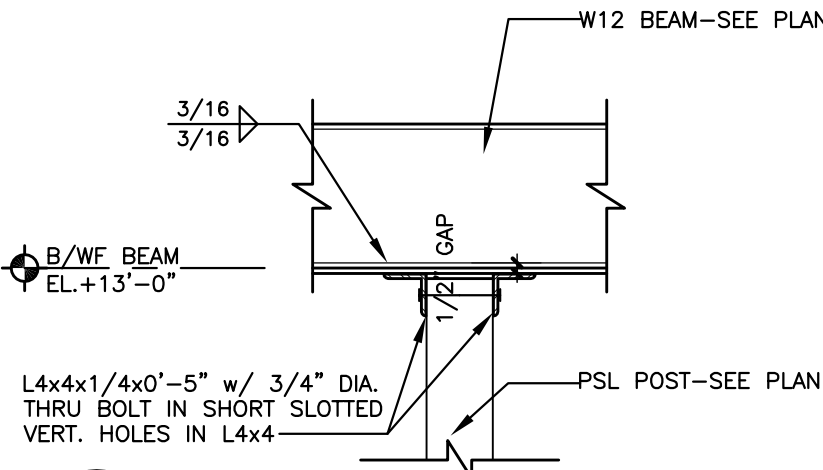
- STRUCTURAL DRAWINGS ARE INTENDED TO BE USED WITH ARCHITECTURAL AND MECHANICAL DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE REQUIREMENTS OF ALL DRAWINGS INTO THEIR SHOP DRAWINGS AND WORK.
- NO OPENINGS, OTHER THAN THOSE SHOWN ON DESIGN DRAWINGS AND APPROVED SHOP DRAWINGS, SHALL BE MADE WITHOUT THE WRITTEN APPROVAL OF THE ARCHITECT.
- NO CHANGE IN SIZE OR DIMENSION OF STRUCTURAL MEMBERS SHALL BE MADE WITHOUT THE WRITTEN APPROVAL OF THE ARCHITECT.
- OPENINGS OF 1'-4" AND LESS ON A SIDE ARE GENERALLY NOT SHOWN ON THE STRUCTURAL DRAWINGS. REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS FOR LOCATIONS AND DIMENSIONS OF THOSE OPENINGS. PROVIDE REINFORCING AROUND OPENINGS PER TYPICAL DETAILS SHOWN ON STRUCTURAL DRAWINGS.
- THE CONTRACTOR IS RESPONSIBLE FOR LIMITING THE AMOUNT OF CONSTRUCTION LOAD IMPOSED UPON STRUCTURAL FRAMING. CONSTRUCTION LOADS SHALL NOT EXCEED THE CAPACITY OF THE FRAMING AT THE TIME THE LOADS ARE IMPOSED.
- THE STRUCTURE IS DESIGNED TO FUNCTION AS A UNIT UPON COMPLETION. THE CONTRACTOR SHALL FURNISH ALL TEMPORARY BRACING AND / OR SUPPORTS REQUIRED AS THE RESULT OF THE CONTRACTOR'S CONSTRUCTION METHODS AND / OR SEQUENCES.
- DO NOT SCALE THESE DRAWINGS, USE DIMENSIONS.
- CONTRACTOR'S CONSTRUCTION AND / OR ERECTION SEQUENCES SHALL RECOGNIZE AND CONSIDER THE EFFECTS OF THERMAL MOVEMENTS OF STRUCTURAL ELEMENTS DURING THE CONSTRUCTION PERIOD. EXPANSION JOINTS SHOWN ON THE DRAWINGS HAVE BEEN DESIGNED TO ACCOMMODATE ANTICIPATED THERMAL MOVEMENT AFTER THE BUILDING IS COMPLETE.
- THE CONTRACTOR SHALL INFORM THE ARCHITECT IN WRITING OF ANY DEVIATION FROM THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL NOT BE RELIEVED OF THE RESPONSIBILITY FOR SUCH DEVIATION BY THE ARCHITECTS APPROVAL OF SHOP DRAWINGS, PRODUCT DATA, ETC., UNLESS THE CONTRACTOR HAS SPECIFICALLY INFORMED THE ARCHITECT OF SUCH DEVIATION AT THE TIME OF SUBMISSION, AND THE ARCHITECT HAS GIVEN WRITTEN APPROVAL TO THE SPECIFIC DEVIATION.
- ALL THING WHICH, IN THE OPINION OF THE CONTRACTOR, APPEAR TO BE DEFICIENCIES, OMISSIONS, CONTRADICTIONS AND AMBIGUITIES, IN THE PLANS AND SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT. PLANS AND / OR SPECIFICATIONS WILL BE CORRECTED, OR A WRITTEN INTERPRETATION OF THE ALLEGED DEFICIENCY, OMISSION, CONTRADICTION OR AMBIGUITY WILL BE MADE BY THE ARCHITECT BEFORE THE EFFECTED WORK PROCEEDS.



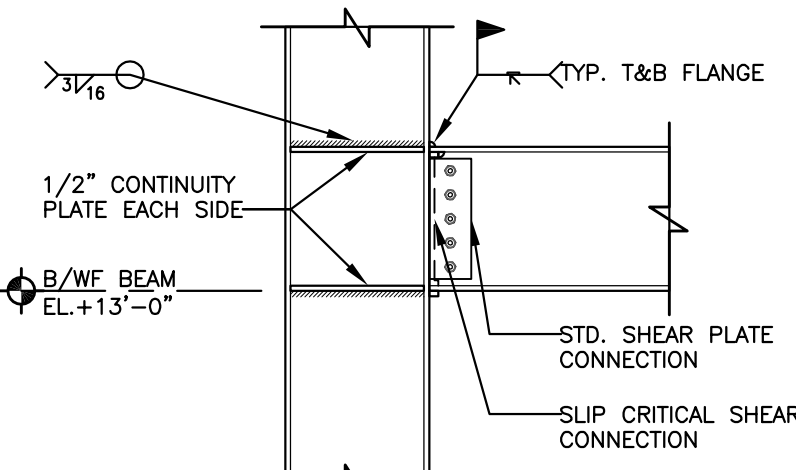
1 FRONT MOMENT FRAME ELEVATION
S2.1 SCALE: 1/2" = 1'-0"



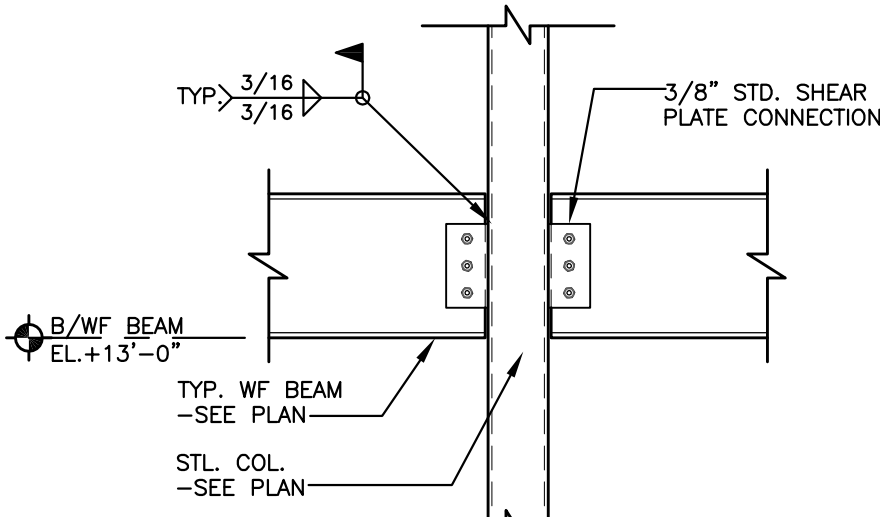
2 FRONT MOMENT FRAME ELEVATION
S2.1 SCALE: 1/2" = 1'-0"



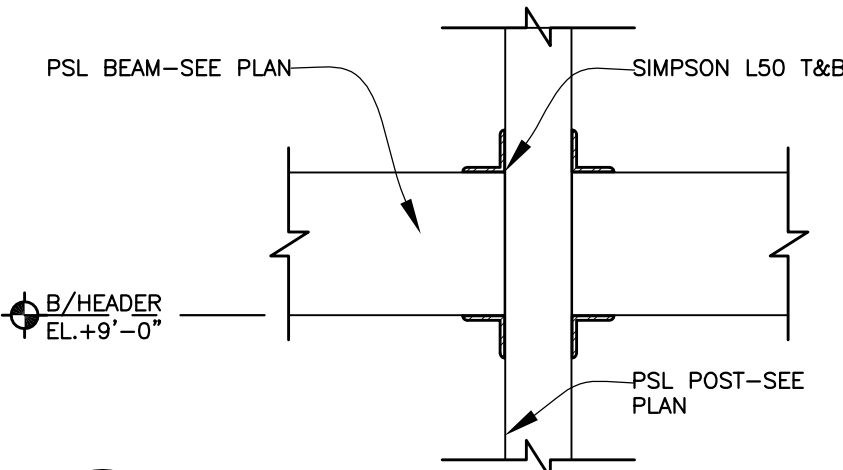
G S2.1 SCALE: 3/4" = 1'-0"



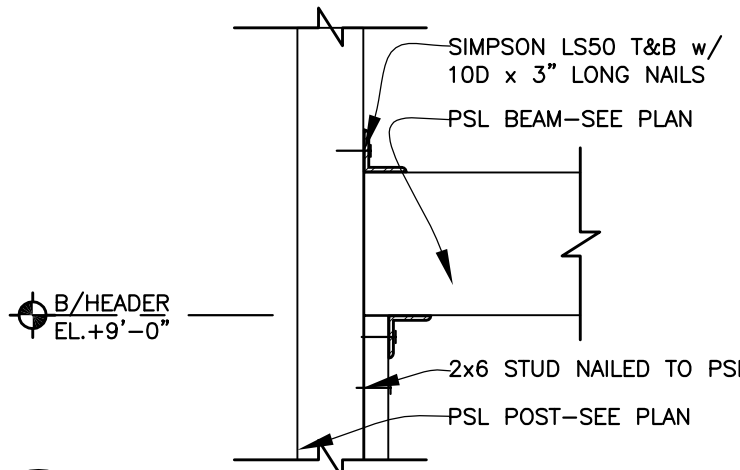
E S2.1 SCALE: 3/4" = 1'-0"



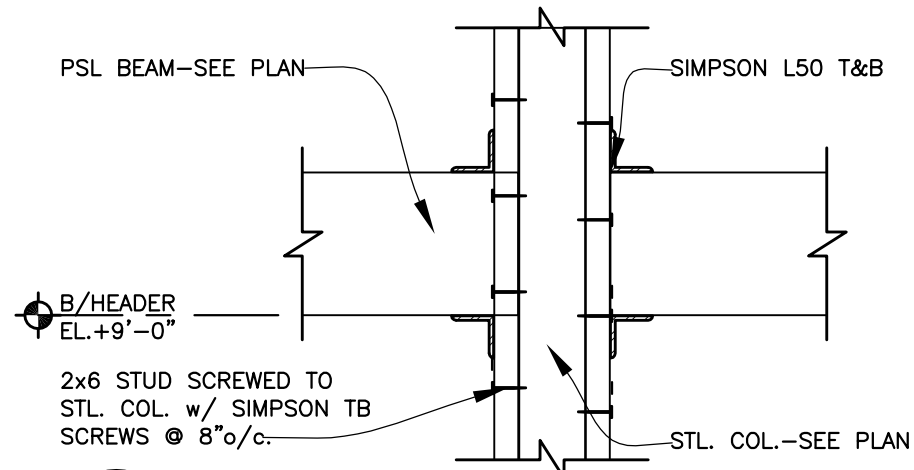
F S2.1 SCALE: 3/4" = 1'-0"



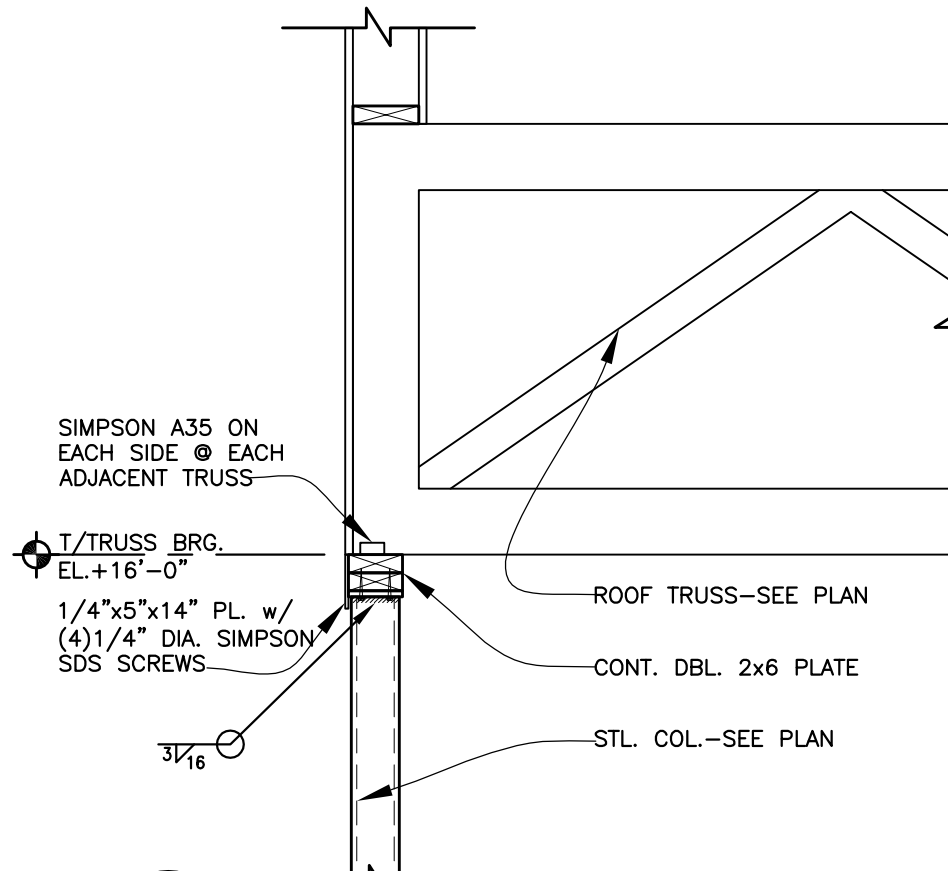
A S2.1 SCALE: 3/4" = 1'-0"



B S2.1 SCALE: 3/4" = 1'-0"



C S2.1 SCALE: 3/4" = 1'-0"



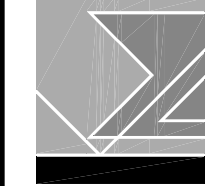
D S2.1 SCALE: 3/4" = 1'-0"

9/21/2026

REVISIONS

THIS DRAWING	FOR COORDINATION	NOT FOR BIDDING	FOR PERMIT	NOT FOR CONSTRUCTION
			9/18/2026	

KMA & ASSOCIATES, ARCHITECTS
2205 LAKESIDE DRIVE
BANNOCKBURN, ILLINOIS 60015-1265
(847)945-6869 FAX(847)945-0284



PROPOSED
PROPERTY MANAGEMENT OFFICE
400 WEST MAPLE STREET, NEW LENOX, ILLINOIS 60451
FOR: UNLIMITED MASONRY AND CONSTRUCTION, INC.

SHEET TITLE
STRUCTURAL NOTES
SPECIFICATIONS

2511

2.1

FLOOR DRAIN CLEANOUT
(FD/CO): CAST IRON F.D. w/ FLANGE INTEGRAL
CLAMPING COLLAR, SEEPAGE OPNGS. 1/2",
PLUGGED PRIMER TAP & ADJUST. 6"x6"
NICKEL BRONZE STRAINER w/ VANDAL
PROOF SCREWS BY WADE/ZURNOR OR EQ.

"A" & "B"

- A. PLUMBING CONTRACTOR SHALL CONTACT GAS CO. FOR NEW SERVICE METER & REGULATOR AS MAY BE REQUIRED. NEW GAS PIPING 2" & SMALLER SHALL BE SCHED. 40 A120 T & 6 BLACK STEEL.
- B. SIZE N/80 MALLEABLE IRON SCREWED FITTINGS.
- C. NEW GAS PIPING 2-1/2" OR LARGER SHALL BE SCHED. 40 A120 BW BLACK STEEL PIPE WITH BUTT WELD FITTINGS.
- D. PIPING SIZING TABLE FOR PRESSURE UNDER 1 POUND WITH PRESSURE DROP OF 0.3 INCH WATER COLUMN AND 0.6 SPECIFIC GRAVITY





MECHANICAL EQUIPMENT SCHEDULE																																						
TAG	MANUFACTURER	MODEL	DESCRIPTION	EFFICIENCY	CFM	FAN MOTOR DATA					DX COOLING EQUIPMENT/COIL DATA										GAS FIRED HEATING EQUIPMENT DATA					ELECTRICAL DATA										UNITS CONTROLLED BY	EQUIPMENT WEIGHT	REMARKS
						HIGH	LOW	TSP	ESP	BHP	HP	RPM	MBH	SHC	EDB	EWB	LDB	LWB	CAT	STAGES	MBH (IN)	MBH (OUT)	EAT	LAT	STAGES	LOAD				DISCONNECT SWITCH:								
																										M.C.	E.C.											
																												PROV. BY:										
RT-1	CARRIER	48FEEM12	ROOF MOUNTED DX COOLING / GAS FIRED HEATING ROOFTOP UNIT	11 EER	3000	420		1	1.62		1661	113.92	75	78.1	65.7	54.4	52.9	95	2	224	181	59.3	116.5	2		62		70	208	3	60	X		WALL MTD TSTAT	1225	NOTE 1		
RT-2	CARRIER	48FEEM12	ROOF MOUNTED DX COOLING / GAS FIRED HEATING ROOFTOP UNIT	11 EER	3500	1045		1	2.08		1810	104.26	60.64	76	67.9	59.6	58.8	95	3	180	148	47.7	87.5	3		42		50	208	3	60	X		WALL MTD TSTAT	1225	NOTE 1		
NOTE 1: PROVIDE WITH: • INTEGRATED ECONOMIZER WITH DIFFERENTIAL ENTHALPY SENSORS • LOW LEAK ECONOMIZER DAMPER • ECONOMIZER DIAGNOSTIC CONTROLS • HINGED ACCESS PANELS • DISCONNECT SWITCH • ROOF CURB • PROGRAMMABLE THERMOSTAT SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS																																						

MECHANICAL SPECIFICATIONS																			
PART 1 - GENERAL										PART 5 - TEMPERATURE CONTROLS									
1.1 FURNISH AND INSTALL ALL LABOR AND MATERIALS NECESSARY TO PROVIDE A COMPLETE INSTALLATION OF ALL MECHANICAL SERVICES AND SYSTEMS INDICATED AND AS MAY BE REQUIRED TO MAKE THE WORK COMPLETE FOR THE PURPOSE INTENDED. LAYOUTS SHOWN ARE DIAGRAMMATIC - INSTALL DUCTWORK, PIPING AND EQUIPMENT TO MEET ACTUAL FIELD CONDITIONS.										5.1 PROVIDE ALL CONTROLS AND CONTROL WIRING REQUIRED FOR CONTROL AND INTERLOCK OF ALL HVAC EQUIPMENT AS PER MANUFACTURER'S RECOMMENDATIONS. CONTROL WIRING DIAGRAMS AND COMPONENTS SHALL BE FURNISHED BY EQUIPMENT MANUFACTURER WHERE APPLICABLE. INSTALLATION SHALL BE IN ACCORDANCE WITH LOCAL, STATE AND NATIONAL CODE. ALL WIRING SHALL BE IN 1/2" METALLIC CONDUIT.									
1.2 BIDDING REQUIREMENTS: VISIT SITE PRIOR TO BECOME BIDDING TO FULLY ACQUAINTED										5.2 THERMOSTATS: PROVIDE ELECTRONIC PROGRAMMABLE THERMOSTATS TO CONTROL THE NECESSARY STAGES OF HEATING AND/OR COOLING FOR THE HVAC EQUIPMENT PROVIDED.									

GAS CONNECTION SCHEDULE					
TAG	QUANTITY	DESCRIPTION	LOCATION	CAPACITY PER UNIT	TOTAL CAPACITY
RT-1	1	ROOF MOUNTED DX COOLING / GAS FIRED HEATING ROOFTOP UNIT	ROOF	224	224
RT-2	1	ROOF MOUNTED DX COOLING / GAS FIRED HEATING ROOFTOP UNIT	ROOF	180	180
	1	ESTIMATED FUTURE KITCHEN LOAD	KITCHEN	2100	2100
TOTAL @ 8" W.C.:					2504

ABBREVIATIONS LIST	
CAT	CONDENSING AIR TEMPERATURE
CD	CONDENSATE DRAIN
CFH	CUBIC FEET PER HOUR
CFM	CUBIC FEET PER MINUTE
DN	DOWN
DX	DIRECT EXPANSION
EAT	ENTERING AIR TEMPERATURE
EC	ELECTRICAL CONTRACTOR
EDB	ENTERING DRY BULB TEMPERATURE
ESP	EXTERNAL STATIC PRESSURE
EWB	ENTERING WET BULB TEMPERATURE
EXH	EXHAUST
G	NATURAL GAS
Hz	HERTZ
LAT	LEAVING AIR TEMPERATURE
LDB	LEAVING DRY BULB TEMPERATURE
LWB	LEAVING WET BULB TEMPERATURE
MBH	1,000 BTU/HOUR
MC	MECHANICAL CONTRACTOR
MD	MANUAL DAMPER
MOD	MODULATING
NTS	NOT TO SCALE
O/A	OUTSIDE AIR
PRV	PRESSURE REDUCING VALVE
R/A	RETURN AIR
RPM	REVOLUTIONS PER MINUTE
RT	ROOFTOP UNIT
S/A	SUPPLY AIR
SHC	SENSIBLE HEAT CAPACITY
TC	TEMPERATURE CONTROL
TSP	TOTAL STATIC PRESSURE
TYP	TYPICAL

SYMBOL LIST	
SYMBOL	DESCRIPTION
	NEW DUCTWORK
	DUCT TRANSITION
	SUPPLY OR OUTSIDE AIR DUCT DOWN
	SUPPLY OR OUTSIDE AIR DUCT UP
	RETURN OR EXHAUST OR RELIEF DUCT DOWN
	RETURN OR EXHAUST OR RELIEF DUCT UP
	RETURN OR EXHAUST REGISTER
	SUPPLY AIR DIFFUSER
	SEE SCHEDULES
	SHEET NOTE
	DUCT SMOKE DETECTORS
	THERMOSTAT - ADJUSTABLE
	THERMOSTAT W/ COVER GUARD
	GAS PIPING
	PIPE TURNED UP
	PIPE TURNED DOWN
	GAS METER
	SHUT-OFF VALVE
	GAS COCK

MECHANICAL SPECIFICATIONS	
PART 1 - GENERAL	PART 5 - TEMPERATURE CONTROLS
1.1 FURNISH AND INSTALL ALL LABOR AND MATERIALS NECESSARY TO PROVIDE A COMPLETE INSTALLATION OF ALL MECHANICAL SERVICES AND SYSTEMS INDICATED AND AS MAY BE REQUIRED TO MAKE THE WORK COMPLETE FOR THE PURPOSE INTENDED. LAYOUTS SHOWN ARE DIAGRAMMATIC - INSTALL DUCTWORK, PIPING AND EQUIPMENT TO MEET ACTUAL FIELD CONDITIONS.	5.1 PROVIDE ALL CONTROLS AND CONTROL WIRING REQUIRED FOR CONTROL AND INTERLOCK OF ALL HVAC EQUIPMENT AS PER MANUFACTURER'S RECOMMENDATIONS. CONTROL WIRING DIAGRAMS AND COMPONENTS SHALL BE FURNISHED BY EQUIPMENT MANUFACTURER WHERE APPLICABLE. INSTALLATION SHALL BE IN ACCORDANCE WITH LOCAL, STATE AND NATIONAL CODE. ALL WIRING SHALL BE IN 1/2" METALLIC CONDUIT.
1.2 BIDDING REQUIREMENTS: VISIT SITE PRIOR TO BECOME BIDDING TO FULLY ACQUAINTED WITH ALL FIELD CONDITIONS AND TO DETERMINE FULL EXTENT OF WORK REQUIRED. BIDDERS SHALL ACQUAINT THEMSELVES WITH THE WORKING CONDITIONS AND REQUIREMENTS OF THE ENTIRE PROJECT, AS ANY CONTRACT FOR THIS WORK WILL BE BASED UPON FURNISHING ALL LABOR AND MATERIALS REQUIRED TO ENTIRELY COMPLETE WORK READY FOR USE.	5.2 THERMOSTATS: PROVIDE ELECTRONIC PROGRAMMABLE THERMOSTATS TO CONTROL THE NECESSARY STAGES OF HEATING AND/OR COOLING FOR THE HVAC EQUIPMENT PROVIDED. THERMOSTAT SHALL BE CAPABLE OF SET BACK TO 55 F (HEAT) AND 85 F (COOL). THERMOSTAT SHALL HAVE 7-DAY CLOCK, 2-HOUR OCCUPANT OVERRIDE, 10-HOUR BACKUP. THERMOSTAT SHALL HAVE AUTOMATIC START CONTROLS THAT AUTOMATICALLY ADJUST DAILY WARMUP START TIME. THERMOSTAT SHALL HAVE 5 F DEADBAND BETWEEN COOLING SETPOINT AND HEATING SETPOINT.
1.3 CODES: ALL WORK SHALL COMPLY WITH LOCAL, MUNICIPAL, STATE HVAC CODES. ALL MATERIALS SHALL BE IN COMPLIANCE WITH NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) STANDARDS.	5.3 DUCT SMOKE DETECTION: PROVIDE DUCT SMOKE DETECTORS AND INTERLOCK WIRING AND CONTROLS TO SHUT DOWN SUPPLY FAN SYSTEM UPON DETECTION OF SMOKE. INTERLOCK WITH BUILDING FIRE ALARM WHEN APPLICABLE. PROVIDE REMOTE TEST STATIONS WHEN DETECTORS ARE NOT VISIBLE FOR INSPECTION. INSTALLATION SHALL CONFORM TO NFPA 90A.
1.4 OBTAIN AND PAY FOR ALL LICENSES, PERMITS AND INSPECTIONS FOR ALL WORK REQUIRED. ALL CERTIFICATES OF INSPECTION SHALL BE DELIVERED TO THE OWNER.	PART 6 - TESTING AND BALANCING
1.5 SHOP DRAWINGS TO BE SUBMITTED FOR ALL EQUIPMENT, DUCTWORK AND PIPING LAYOUTS WITHIN 14 DAYS OF CONTRACT AWARDD FOR REVIEW. ANY MINOR CHANGES IN LOCATION OF EQUIPMENT, PIPING OR DUCTWORK FROM THOSE SHOWN ON THE DRAWINGS SHALL BE MADE WITHOUT CHARGE IF SO DIRECTED BY THE ARCHITECT BEFORE INSTALLATION.	6.1 TEST, ADJUST AND BALANCE ALL AIR AND WATER SYSTEMS TO VALUES INDICATED ON PLANS AND AS REQUIRED AS PER TABB AND NEBB GUIDELINES. TESTING AND BALANCING TO BE DONE BY ONE OF THE FOLLOWING COMPANIES: A. AARON ENGINEERING SERVICES 5420 W. ROOSEVELT RD. CHICAGO, IL 60644 B. MECHANICAL TEST & BALANCE P.O. BOX 182 CROWN POINT, IN 46307 C. CONTROLLED ENVIRONMENT TESTING & BALANCING 1350 REMINGTON ROAD SCHAUMBURG, IL 60173
1.6 OWNER TRAINING IN THE PROPER OPERATION, MAINTENANCE AND SERVICING OF ALL SYSTEMS IS TO BE PROVIDED. VIDEOTAPE ALL TRAINING SESSIONS. PROVIDE IN A BOUND FORM TWO (2) SETS OF OPERATIONS, MAINTENANCE AND INSTRUCTION MANUALS, INCLUDING INFORMATION ON SPARE PARTS, LUBRICATION SCHEDULE, WIRING DIAGRAMS, ETC., FOR ALL MATERIALS AND EQUIPMENT. PROVIDE TWO (2) SETS OF ACCURATELY MARKED "AS BUILT" PRINTS, ELECTRONIC FILE OF AS-BUILTS, AND TWO COPIES OF TRAINING SESSION VIDEO (DVD FORMAT).	6.2 REGULATE AND ADJUST ALL FANS AND BALANCING DAMPERS FOR THE REQUIRED AIR QUANTITIES OF ALL FAN SYSTEMS AND FOR ALL RESPECTIVE AIR OPENINGS. THIS SHALL INCLUDE SETTING UP DAMPER POSITION FOR MINIMUM OUTSIDE DAMPERS. MARK POSITION OF DAMPERS INDICATING FINAL BALANCE POSITIONS.
1.7 WARRANTY ANY DEFECTS TO ALL EQUIPMENT, MATERIALS AND LABOR FOR A PERIOD OF ONE (1) YEAR AFTER FINAL ACCEPTANCE OF THE BUILDING BY THE ARCHITECT AND ENGINEER (FIVE YEARS FOR REFRIGERATION COMPRESSORS - PARTS AND LABOR). DEFECTIVE EQUIPMENT AND MATERIALS SHALL BE REPAIRED OR REPLACED AT NO COST TO THE OWNER. GUARANTEE THAT ALL WORKMANSHIP IS OF HIGH QUALITY AND THAT ALL EQUIPMENT FURNISHED UNDER THIS CONTRACT FULFILLS THE REQUIREMENTS OF THE SPECIFICATIONS. CONDUCT, AT NO COST TO THE OWNER, CAPACITY TESTS ON ANY EQUIPMENT FURNISHED BY HIM WHEN SO REQUESTED BY THE ARCHITECT OR HIS REPRESENTATIVE WITHIN THE ONE YEAR PERIOD.	6.3 SUBMIT SIX (6) COPIES OF FINAL CERTIFIED TEST READINGS WITH THE FOLLOWING INFORMATION: A. CFM QUANTITY, STATIC PRESSURE, FAN RPM, MOTOR AMPERAGE, ETC. FOR ALL SUPPLY, RETURN AND EXHAUST FAN SYSTEMS B. CFM QUANTITY FOR ALL SUPPLY AIR, RETURN AIR, OUTSIDE AIR AND EXHAUST AIR OPENING/DEVICE FOR ALL AIR SYSTEMS
PART 2 - AIR DISTRIBUTION SYSTEMS	PART 7 - EXECUTION
2.1 DUCTWORK TO BE GALVANIZED SHEETMETAL FABRICATED ACCORDING TO SMACNA'S DUCT CONSTRUCTION STANDARDS (LATEST EDITION). UTILIZE PITTSBURGH LOCK SEAMS FOR ALL LONGITUDINAL SEAMS (NO EXCEPTIONS). SEAL ALL JOINTS AND SEAMS FOR AN AIRTIGHT INSTALLATION. EXPOSED DUCTWORK AND SHEETMETAL PANS IN FINISHED AREAS ARE TO BE PROVIDED WITH PAINT-GRIP READY FOR PRIMING AND PAINTING. ALL EXPOSED ROUND DUCTWORK TO BE SPIRAL TYPE DUCTWORK AND FITTINGS.	7.1 EQUIPMENT: ALL EQUIPMENT TO BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS. PROVIDE ALL SUPPORTS REQUIRED AND SET EQUIPMENT LEVEL. PROVIDE ALL DUCTWORK, PIPING, CONTROL AND ELECTRICAL CONNECTIONS REQUIRED. PROVIDE FLEXIBLE NEOPRENE COATED DUCTWORK CONNECTIONS TO EQUIPMENT AND BETWEEN SHEETMETAL DUCTWORK. CHARGE REFRIGERANT PIPING SYSTEMS WITH APPROPRIATE REFRIGERANT. START-UP CHECK AND ADJUST EQUIPMENT TO PROPER OPERATING CONDITIONS. PROVIDE ADDITIONAL BELTS, PULLEYS, DRIVES, SHEAVES, ETC. AS REQUIRED TO PROPERLY BALANCE EACH PIECE OF EQUIPMENT.
2.2 DUCTWORK LINING: SUPPLY AIR (RECTANGULAR) AND RETURN AIR DUCTWORK TO BE INTERNALLY LINED WITH 1-1/2" THICK ACOUSTIC AND THERMAL FLEXIBLE FIBERGLASS LINER WITH REINFORCED AIRSIDE COATING AND ANTIMICROBIAL PROTECTION EQUIVALENT TO JOHNS MANVILLE LINACOUSTIC RC. DUCTWORK DIMENSIONS INDICATED ON DRAWINGS ARE CLEAR INSIDE DIMENSIONS AFTER LINING IS APPLIED. SEAL ALL CUT EDGES AS PER MANUFACTURER'S RECOMMENDATIONS.	7.2 DUCTWORK: ROUTE ALL NEW DUCTWORK AS HIGH AS POSSIBLE TO AVOID CONFLICTS WITH OTHER TRADES. VERIFY CONDITIONS AND EXACT DUCTWORK ROUTING IN FIELD PRIOR TO INSTALLATION. SEAL ALL DUCTWORK JOINTS AIR-TIGHT.
2.3 BALANCING DAMPERS TO BE EQUIVALENT TO AMERICAN WARMING MODEL VC-8/9 AND SHALL HAVE LOCKING QUADRANT REGULATORS WITH SPRING LOADED END BEARING. INSTALLATION SHALL BE RATTLE FREE. COORDINATE LOCATIONS WITH BALANCING CONTRACTOR. PROVIDE DAMPERS AT EACH DUCTWORK TAKE-OFF INCLUDING TAKEOFFS TO EACH AIR DISTRIBUTION DEVICE.	7.3 PIPING: ROUTE ALL NEW PIPING AS HIGH AS POSSIBLE TO AVOID CONFLICTS WITH OTHER TRADES. VERIFY CONDITIONS AND EXACT ROUTING IN FIELD PRIOR TO INSTALLATION. PIPING TO BE PRESSURE TESTED - SUBMIT REPORTS. PROVIDE DIELECTRIC FITTINGS BETWEEN PIPING OF DISSIMILAR MATERIALS. PROVIDE AIR-VENTS IN ALL HIGH POINTS OF WATER PIPING SYSTEMS.
2.4 MOTORIZED CONTROL DAMPERS (MODULATING) TO BE EQUIVALENT TO AMERICAN WARMING MODEL VC-2 OPPOSED BLADE DAMPERS WITH BLADE AND JAMB SEALS. DAMPERS TO BE PROVIDED WITH 24 VOLT ELECTRIC ACTUATOR.	7.4 DUCTWORK, PIPING, EQUIPMENT, ETC. SHALL NOT BE SUPPORTED FROM THE BOTTOM CHORD OF ENGINEERED JOISTS WITHOUT WRITTEN APPROVAL FROM THE STRUCTURAL ENGINEER.
PART 3 - HVAC PIPING & ACCESSORIES:	7.5 COORDINATION: CONFER WITH THE OTHER CONTRACTORS REGARDING THE LOCATION AND SIZES OF DUCTWORK, PIPING AND EQUIPMENT IN ORDER THAT THERE MAY BE NO INTERFERENCES BETWEEN INSTALLATIONS OR THE PROGRESS OF THE WORK FOR ANY CONTRACTOR ON THE BUILDING. LAY OUT WORK TO AVOID CONFLICTS BETWEEN DUCTWORK, LIGHTING, CEILINGS, PIPING AND BUILDING STRUCTURE. COORDINATE ALL EQUIPMENT ELECTRICAL REQUIREMENTS (VOLTAGES, PHASE, LOAD, ETC.) WITH ELECTRICAL CONTRACTOR BEFORE ORDERING ANY EQUIPMENT.
3.1 NATURAL GAS PIPING TO BE SCHEDULE 40 BLACK STEEL PIPE ASTM A-120 WITH MALLEABLE FITTINGS. PROVIDE GAS SHUT OFF VALVE AND DRIP LEG AT EACH PIECE OF EQUIPMENT. MAKE SOAP TEST ON ALL PIPING TO PROVIDE TIGHT. COORDINATE SERVICE INSTALLATION WITH LOCAL UTILITY COMPANY. EXTERIOR PIPING TO BE PAINTED WITH TWO COATS OF RUSTOLEUM PAINT (APPROVED COLOR). PROVIDE PRESSURE REGULATORS WHERE REQUIRED - VENTED TO ATMOSPHERE.	7.6 VERIFY LOCATION AND ELEVATION OF EQUIPMENT, DUCTWORK, PIPING, DIFFUSERS/GRILLES, THERMOSTATS, PANELS, ETC. EXPOSED WITHIN OCCUPIED SPACES BEFORE THE START OF ANY ROUGH-IN OR INSTALLATION.
3.2 UNDERGROUND NATURAL GAS PIPING: PIPING TO BE SCHEDULE 40 BLACK STEEL PIPE ASTM A-120 WITH MALLEABLE FITTINGS. PROVIDE PROTECTIVE COATING OF TAPECOAT 150 GRAY SELF-ADHESIVE TAPE WITH ABRASION RESISTANT BACKING. EQUIVALENT SIZED POLYETHYLENE GAS GIPING (ASTM D2513) SHALL BE PERMITTED. GAS PIPING MATERIAL SHALL BE ASTM D3350 CELL CLASSIFICATION 234373E AND LISTED WITH PPI AS 2406/2708 MEDIUM DENSITY POLYETHYLENE. COORDINATE JOINT REQUIREMENTS WITH GAS UTILITY.	7.7 CUTTING AND PATCHING TO BE PROVIDED SO THE WORK MAY BE PROPERLY INSTALLED. ALL DISTURBED CONSTRUCTION OR FINISH MUST BE REPLACED OR REPAIRED TO THE ARCHITECT'S SATISFACTION AT THIS CONTRACTOR'S EXPENSE. UNDER NO CONDITION SHALL STRUCTURAL WORK BE CUT EXCEPT UPON APPROVAL OF THE ARCHITECT.
3.3 GAS VALVES: PIPING TO AND FROM EQUIPMENT SHALL HAVE NECESSARY SHUTOFF VALVES, FULL SIZE OF LINE FOR ISOLATING SUCH EQUIPMENT ON SYSTEM SIDE OF UNIONS OR FLANGES. PROVIDE SHUTOFF VALVES TO ISOLATE EACH ITEM OF EQUIPMENT, PIPE RISER OR PIPE BRANCH. VALVES SHALL BE PLACED TO PERMIT EASY OPERATION AND ACCESS. A. VALVES 2" AND UNDER: THREADED, 2-PIECE, STD. PORT, BRONZE BALL VALVE, 600 CWP, WOG, SIZES: 1/4" TO 2" APPROVALS: UL FOR FUEL/GAS, TAMPERPROOF FEATURE: LOCKING FEATURE FOR VALVES IN LOCATIONS ACCESSIBLE TO THE PUBLIC. APOLLO 80-100 SERIES, NIBCO #1580-70-UL OR #1585-70-UL, WATTS #B-6000 OR EQUAL. B. VALVES 2-1/2" AND OVER: FLANGED, CAST-IRON BODY, FULL PORT, WOG, TAMPERPROOF FEATURE: LOCKING FEATURE FOR VALVES IN LOCATIONS ACCESSIBLE TO THE PUBLIC. HOMESTEAD 602 FLANGED LUBRICATING PLUG COCK, A.Y. MCDONALD MFG. CO OR EQUAL.	7.8 CLEANING: UPON COMPLETION OF INSTALLATION OF VENTILATION DUCTS, CLEAN ENTIRE SYSTEM OF RUBBISH, PLASTER, DIRT, ETC. REMOVE ALL DEBRIS FROM JOB SITE AND LEAVE ALL MECHANICAL EQUIPMENT CLEAN.
PART 4 - HVAC EQUIPMENT	7.9 EQUIPMENT SHALL BE COMPLETE WITH ELECTRIC MOTORS, STARTING EQUIPMENT, REMOTE CONTROL EQUIPMENT, SPEED CONTROLS, AND THERMOSTAT, WHERE REQUIRED. PROVIDE FOR EACH POLYPHASE MOTOR A COMBINATION MOTOR STARTER DISCONNECT SWITCH WITH THREE (3) THERMAL OVERLOADS, TWO (2) AUXILIARY CONTACTS, PILOT LIGHT, AND H.O.A. SWITCH. STARTERS SHALL BE OF ONE (1) MANUFACTURER AND AS MANUFACTURED BY ALLEN BRADLEY, SQUARE D, EATON, OR ABB.
4.1 HVAC EQUIPMENT SHALL BE TESTED, RATED AND CERTIFIED AS COMPLETE UNIT IN ACCORDANCE WITH A.R.I. AND A.G.A. FOR CAPACITIES AND SOUND RATINGS AND BE U.L. LISTED. EQUIPMENT TO MEET ASHRAE 90.1 GUIDELINES.	
4.2 ROOFTOP HVAC UNIT TO BE EQUIVALENT TO AS SCHEDULED ON DRAWINGS AND TO BE AS MANUFACTURED BY CARRIER, TRANE OR LENNOX.	
4.3 ROOF CURBS AND EQUIPMENT SUPPORTS TO BE AS MANUFACTURED BY THYCURB, PATE, RPS, MICROMETAL OR HOUSTON. HEIGHTS TO BE MINIMUM OF 12" AND TO BE AS INDICATED ON DRAWINGS. CURB AND SUPPORTS TO MATCH PITCH OF ROOF AS REQUIRED FOR A LEVEL EQUIPMENT INSTALLATION. ROOF CURBS TO BE INSULATED. PROVIDE ALL FLASHING AND COUNTERFLASHING REQUIRED.	





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REVISIONS

THIS DRAWING	FOR COORDINATION	FOR BIDDING	FOR PERMIT	FOR CONTRACTING
	06/04/2025	09/21/2026		
			NOT	NOT

KMA & ASSOCIATES, ARCHITECTS

2205 LAKESIDE DRIVE
BANNOCKBURN, ILLINOIS 60015-1265
(847)794-5-0284 FAX (847)945-6869



PORPOSED

PROPERTY MANAGEMENT OFFICE

400 WEST MAPLE STREET, NEW LENOX, ILLINOIS 60451

FOR: UNLIMITED MASONRY AND CONSTRUCTION, INC.

MECHANICAL DETAILS

2511

M
2

INNOVATIVE
LIGHTING
SOLUTIONS

1300 JENKINS RD.
ALEDO, TX 76008
817.925.7322

Project:

PROPOSED
PROPERTY
MANAGEMENT
OFFICE
400 W. MAPLE ST.
NEW LENOX, IL

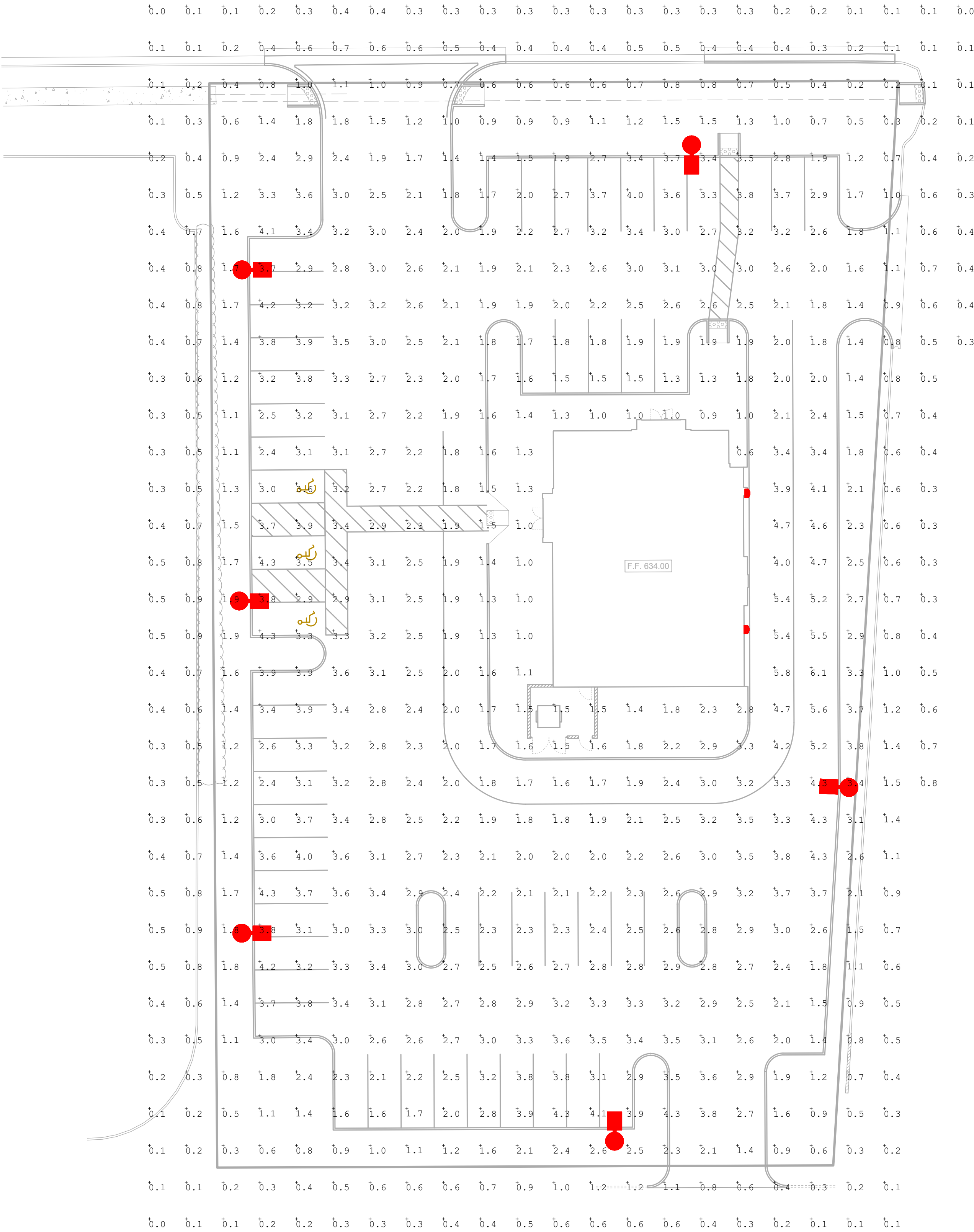
SCALE: 1"= 20'

Notes:

PRICING CONTACT:
STEVE VARDEMAN
817-925-7322
EMAIL: SMVARDEMAN@GMAIL.COM

FILE:

Date:
10-3-25



Calculation Summary								
Label	Units	Avg	Max	Min	Avg/Min	Max/Min	PtSpcLr	PtSpcTb
DRIVE	Fc	4.16	6.1	1.8	2.31	3.39	10	10
DRIVE THRU	Fc	3.17	5.8	1.6	1.98	3.63		
PARKING	Fc	2.80	4.3	1.3	2.15	3.31		
SITE ENTRANCES	Fc	1.93	3.2	0.9	2.14	3.56		

- DUE TO CHANGING LIGHTING ORDINANCES IT IS THE CONTRACTORS RESPONSIBILITY TO SUBMIT THE SITE PHOTOMETRICS AND LUMINAIRE SPECS TO THE LOCAL INSPECTOR BEFORE ORDERING TO ENSURE THIS PLAN COMPLIES WITH LOCAL LIGHTING ORDINACES.
- THIS LIGHTING DESIGN IS BASED ON INFORMATION SUPPLIED BY OTHERS. CHANGES IN ELECTRICAL SUPPLY, AREA GEOMETRY AND OBJECTS WITHIN THE LIGHTED AREA MAY PRODUCE ILLUMINATION VALUES DIFFERENT FROM THE PREDICTED RESULTS SHOWN ON THIS LAYOUT.
- THIS LAYOUT IS BASED ON .IES FILES THAT WERE LAB TESTED OR COMPUTER GENERATED. ACTUAL RESULTS MAY VARY.

Luminaire Schedule							
CHICKEN-N-SPICE NEW LENOX, IL FOR INFORMATION AND PRICING CONTACT STEVE VARDEMAN AT SMVARDEMAN@GMAIL.COM STORAGE							
Symbol	Qty	Label	Description			LLF	Luminaire Lumens Watts
	6	A	MRS-LED-24L-SIL-4-40-70CRI	25'	POLE 2.5' BASE	0.950	24758 196
	2	B	XWS-LED-06L-SIL-3-40-70CRI	15'	MOUNTING HEIGHT	0.950	6208 43



GENERAL NOTES:
1. INSTALLATION SHALL COMPLY WITH THE 2017 NEC AND LOCAL AMENDMENTS.

KEY NOTES:

1 NONE

SYMBOLS:

- 250V, NON-FUSED DISCONNECT
- 20A, TAMPER-RESISTANT RECEPTACLE
- WALL MOUNTED LIGHT FIXTURE
- EMERGENCY LIGHT WITH 90MIN BATTERY
- COMBINATION EXIT & EMERGENCY LIGHT
- GFCI DUPLEX RECEPTACLE
- TEMPORARY LIGHT
- 20A, 277V, 1P TOGGLE SWITCH
- 20A, 277V, 3-WAY TOGGLE SWITCH
- WALL MOUNT OCCUPANCY SENSOR SWITCH
- EMPTY JUNCTION BOX AND 3/4" EMT STUB
- JUNCTION BOX

1 POWER AND LIGHTING PLAN

SCALE: 1/4" = 1'

LIGHTING FIXTURE SCHEDULE							
TAG	FIXTURE DESCRIPTION	MANUFACTURER AND CATALOG NO.	LUMENS	VOLTAGE	VA	MOUNTING	REMARKS
F1	STRING LIGHTS	SOUTHWIRE 12000 LUMEN STRING LIGHTS OR EQUAL PART # 7175SW	12000	120	450	STRING	
A	SINGLE HEAD LIGHT POLE	MRS-LED-24L-SIL-4-40-70CRI-BRZ (DARK BRONZE)	24000	208	196	POLE	FIXTURE MOUNTED ON A 25FT 4" SQUARE STEEL POLE
B	EXTERIOR WALL MOUNTED FIXTURE	ZWS-LED-06L-SIL-3-40-70CRI-BRZ (DARK BRONZE)	6000	120	52	WALL	MOUNT FIXTURE AT 15FT ABOVE FINISHED GRADE
EX	COMBINATION EXIT EM FIXTURE	LITHONIA: ECR LED M6	LED	120	2	SURFACE	RED LETTER PLASTIC LED EXIT SIGN AND EMERGENCY LIGHT. 90 MIN BATTERY
EMR	EXTERIOR REMOTE EMERGENCY LIGHT FIXTURE	LITHONIA: ERE GYT WP SQ M12	LED	3.6-12V	2	SURACE	TWIN, LED WEATHER-PROOF HEAD, SQUARE, GRAY

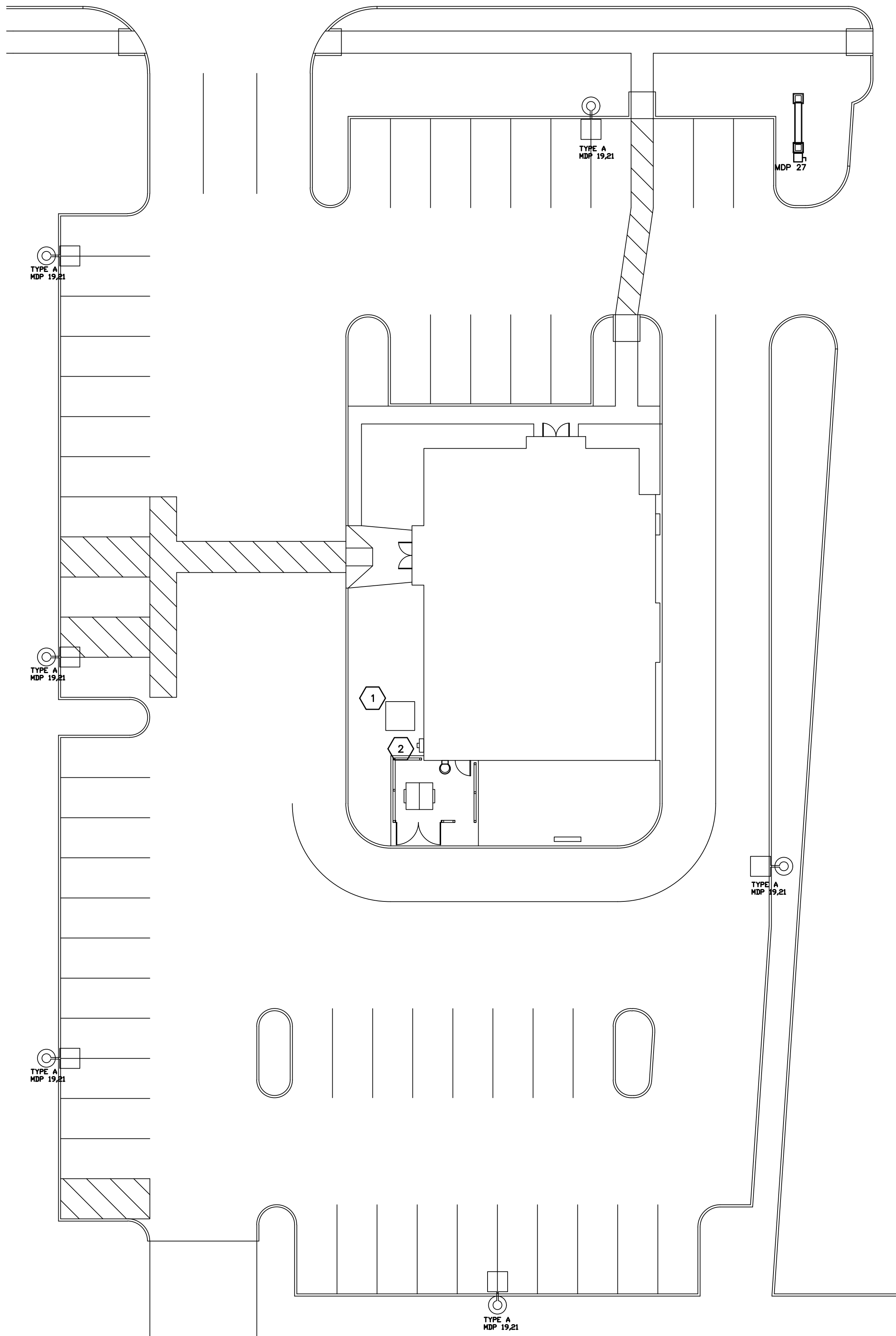
Property Management Office
400 WEST MAPLE ST.
NEW LENOX, IL 60451

ELECTRICAL POWER AND
LIGHTING PLAN

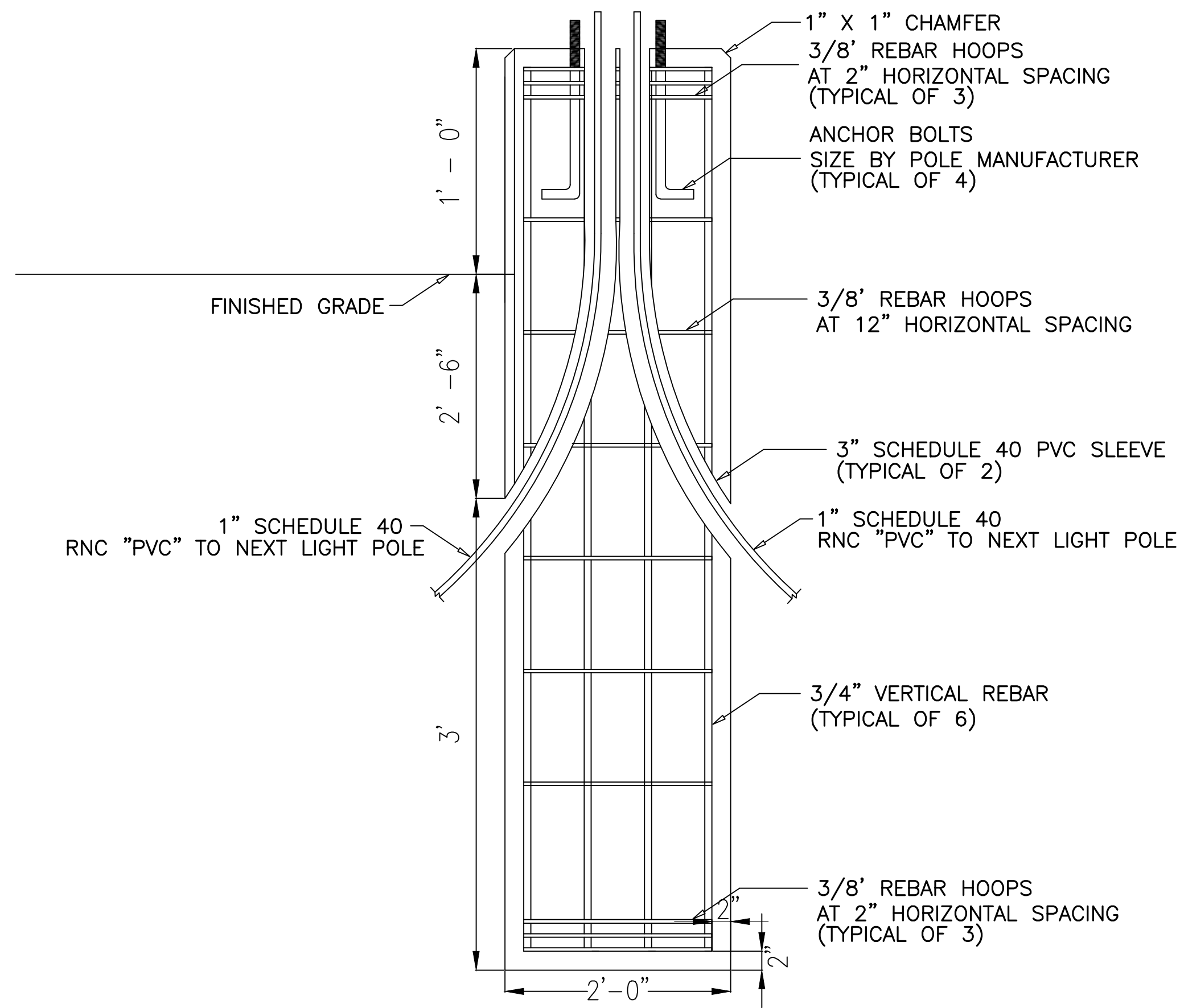


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1 SITE ELECTRICAL PLAN
SCALE: 1/16" = 1'



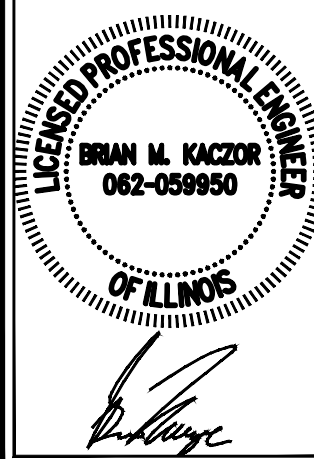
2 PRECAST FOUNDATION DETAIL
SCALE: N.T.S.

- GENERAL NOTES:**
1. INSTALLATION SHALL COMPLY WITH THE 2017 NEC AND LOCAL AMENDMENTS.

- KEY NOTES:**
1. UTILITY TRANSFORMER. COORDINATE FINAL LOCATION WITH UTILITY COMPANY.
 2. LOCATION OF CT CABINET AND METER. SEE RISER DIAGRAM FOR DETAILS.

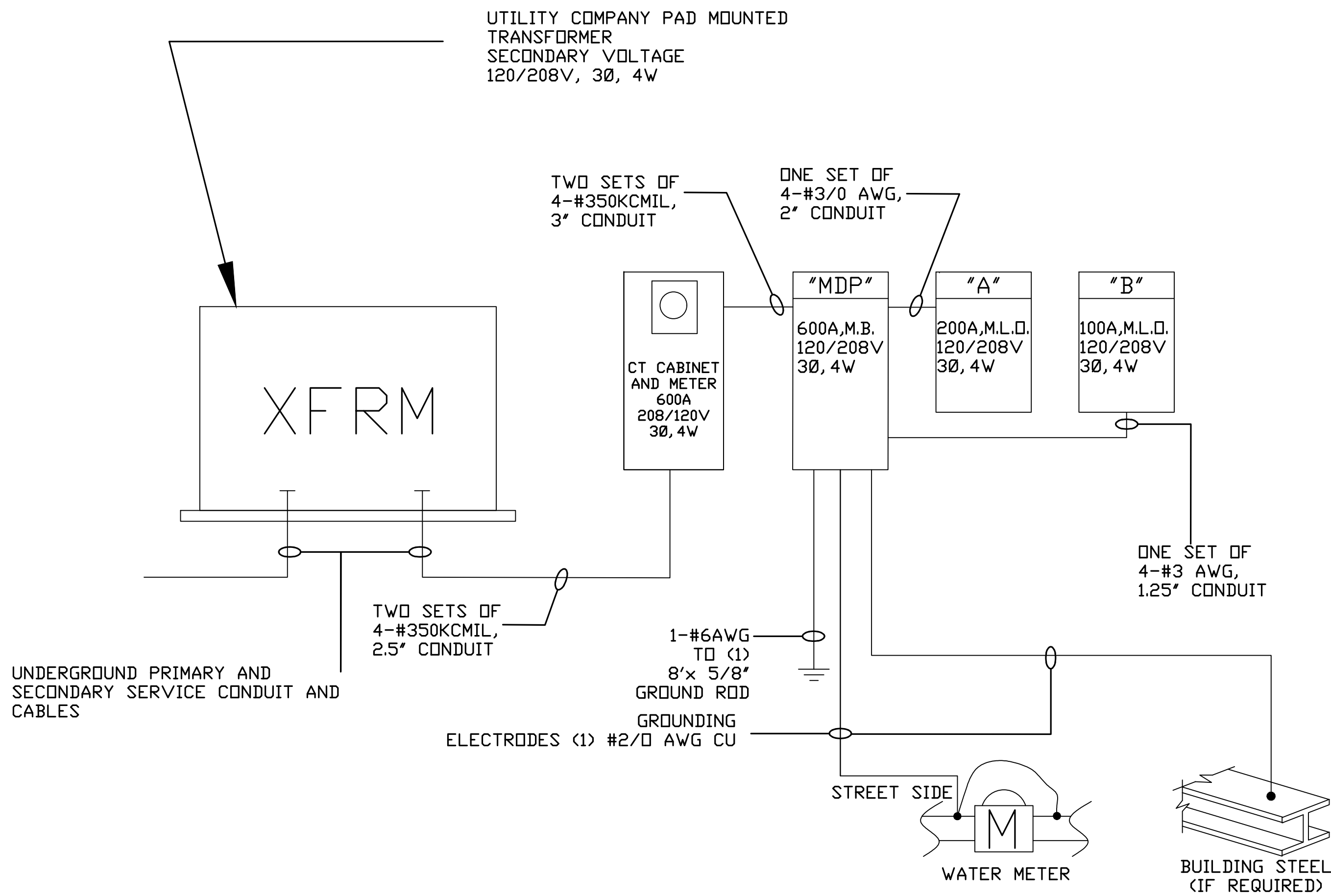
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400 WEST MAPLE ST.
NEW LENOX, IL 60451

SITE ELECTRICAL PLAN



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E2.0



GENERAL NOTES:

1. INSTALLATION SHALL COMPLY WITH THE 2017 NEC AND LOCAL AMENDMENTS.

KEY NOTES:

1 NONE

1 ELECTRICAL RISER DIAGRAM

SCALE: N.T.S.

PANELBOARD SCHEDULE "MDP"														
LOCATION: Back of House														
SERVICE: 208/120V, 3 PH, 4W 208 V NEUTRAL BUS: STANDARD														
MAIN BREAKER: 600A GROUND BUS: STANDARD														
MAIN BUS TYPE: AL OR CU MOUNTING: SURFACE														
INTERRUPT RATING: 22,000 AIC ENCLOSURE: NEMA 1														
DESCRIPTION			CCT. NO.	CIRCUIT BREAKER	CIRCUIT LOAD	CONNECTED LOAD (VA)			CIRCUIT LOAD	CIRCUIT BREAKER	CCT. NO.	DESCRIPTION		
						A	B	C						
R	PANEL A			1			0				2	R		
R				3	200A/3P			0			100A/3P	4	R	
R				5					0			6	R	
M	RTU 1			7		4587	4587				8	S		
M				9	50A/3P	4587		4587			30A/3P	10	S	
M				11		4587			4587			12	S	
M	RTU 2			13		5032	5032				14	S		
M				15	60A/3P	5032			5032			16	S	
M				17		5032			5032			18	S	
L	SITE LIGHTING			19		3000	3000				20	S		
L				21		3000			3000			22	S	
R	RTU RECEPTACLES			23	20A/1P	360			360		24	S		
R	RECEPTACLE NEXT TO PANEL			25	20A/1P	180	180				26	S		
S	ROAD SIGN			27	20A/1P	800		800			28	S		
S	EXTERIOR BUILDING LIGHTS			29	20A/1P	115			115		30	S		
S				31	20A/1P		0				32	S		
S				33	20A/1P			0			34	S		
S				35	20A/1P				0		36	S		
S				37	20A/1P		0				38	S		
S				39	20A/1P			0			40	S		
S				41	20A/1P				0		42	S		
						12799	13419	10094						
TOTAL VA PER PHASE														
CONNECTED LOAD						DEMAND FACTOR			DEMAND LOAD					
L LIGHTING						6.00 KVA			1.00			6.00 KVA		
R RECEPTACLES						0.54 KVA			1.00			0.54 KVA		
M MOTOR / EQUIP.						28.86 KVA			1.00			28.86 KVA		
H ELECTRIC HEAT						0.00 KVA			1.00			0.00 KVA		
S SPARE						0.92 KVA			0.00			0.00 KVA		
X SPACE						0.00 KVA			0.00			0.00 KVA		
TOTAL CONNECTED LOAD:						36.31 KVA			TOTAL DEMAND LOAD:			35.40 KVA		
									TOTAL DEMAND CURRENT:			98.3 AMPS		

PANELBOARD SCHEDULE "A"													
LOCATION: Back of House													
SERVICE: 208/120V, 3 PH, 4W				208 V		NEUTRAL BUS: STANDARD							
MLO: 200A				GROUND BUS: STANDARD									
MAIN BUS TYPE: AL OR CU				MOUNTING: SURFACE									
INTERRUPT RATING: 10,000 AIC				ENCLOSURE: NEMA 1									
DESCRIPTION			CCT. NO.	CIRCUIT BREAKER	CIRCUIT LOAD	CONNECTED LOAD (VA)			CIRCUIT LOAD	CIRCUIT BREAKER	CCT. NO.	DESCRIPTION	
						A	B	C					
L	Monument Sign		1	20/1P	500	500				20/1P	2	S	
L	Temp Lights		3	20/1P	1000		1000			20/1P	4	S	
R	Receptacle Next to Panel		5	20/1P	180			180		20/1P	6	S	
S			7	20/1P		0				20/1P	8	S	
S			9	20/1P			0			20/1P	10	S	
S			11	20/1P				0		20/1P	12	S	
S			13	20/1P		0				20/1P	14	S	
S			15	20/1P			0			20/1P	16	S	
S			17	20/1P				0		20/1P	18	S	
S			19	20/2P		0				20/1P	20	S	
S			21	20/1P			0			20/1P	22	S	
S			23	20/2P				0		20/1P	24	S	
S			25	20/1P		0				20/1P	26	S	
S			27	20/1P			0			20/1P	28	S	
S			29	20/1P				0		20/1P	30	S	
S			31	20/1P		0				20/1P	32	S	
S			33	20/1P			0			20/1P	34	S	
S			35	20/1P				0		20/1P	36	S	
S			37	20/1P		0				20/1P	38	S	
S			39	20/1P			0			20/1P	40	S	
S			41	20/1P				0		20/1P	42	S	
						500	1000	180					
TOTAL VA PER PHASE													
			20/1P		DEMAND FACTOR				DEMAND LOAD				
L LIGHTING					1.50 KVA	1.00			1.50 KVA				
R RECEPTACLES					0.18 KVA	1.00			0.18 KVA				
M MOTOR / EQUIP.					0.00 KVA	1.00			0.00 KVA				
H ELECTRIC HEAT					0.00 KVA	1.00			0.00 KVA				
S SPARE					0.00 KVA	0.00			0.00 KVA				
X SPACE					0.00 KVA	0.00			0.00 KVA				
TOTAL CONNECTED LOAD:					1.68 KVA	TOTAL DEMAND LOAD:					1.68 KVA		
					TOTAL DEMAND CURRENT:					4.7 AMPS			

PANELBOARD SCHEDULE "B"												
LOCATION: Back of House												
SERVICE: 208/120V, 3 PH, 4W 208 V												
MLO: 100A												
MAIN BUS TYPE: AL of CU												
INTERRUPT RATING: 10,000 AIC												
NEUTRAL BUS: STANDARD												
GROUND BUS: STANDARD												
MOUNTING: SURFACE												
ENCLOSURE: NEMA 1												
DESCRIPTION			CCT. NO.	CIRCUIT BREAKER	CIRCUIT LOAD	CONNECTED LOAD (VA)			CIRCUIT LOAD	CIRCUIT BREAKER	CCT. NO.	DESCRIPTION
						A	B	C				
S			1	20/1P		0				20/1P	2	S
S			3	20/1P			0			20/1P	4	S
S			5	20/1P				0		20/1P	6	S
S			7	20/1P		0				20/1P	8	S
S			9	20/1P			0			20/1P	10	S
S			11	20/1P				0		20/1P	12	S
S			13	20/1P		0				20/1P	14	S
S			15	20/1P			0			20/1P	16	S
S			17	20/1P				0		20/1P	18	S
S			19	20/1P		0				20/1P	20	S
S			21	20/1P			0			20/1P	22	S
S			23	20/1P				0		20/1P	24	S
S			25	20/1P		0				20/1P	26	S
S			27	20/1P			0			20/1P	28	S
S			29	20/1P				0		20/1P	30	S
S			31	20/1P		0				20/1P	32	S
S			33	20/1P			0			20/1P	34	S
S			35	20/1P				0		20/1P	36	S
S			37	20/1P		0				20/1P	38	S
S			39	20/1P			0			20/1P	40	S
S			41	20/1P				0		20/1P	42	S
						0	0	0				
TOTAL VA PER PHASE												
			20/1P			DEMAND FACTOR			DEMAND LOAD			
L LIGHTING			0.00 KVA			1.00			0.00 KVA			
R RECEPTACLES			0.00 KVA			1.00			0.00 KVA			
M MOTOR / EQUIP.			0.00 KVA			1.00			0.00 KVA			
H ELECTRIC HEAT			0.00 KVA			1.00			0.00 KVA			
S SPARE			0.00 KVA			0.00			0.00 KVA			
X SPACE			0.00 KVA			0.00			0.00 KVA			
TOTAL CONNECTED LOAD:			0.00 KVA			TOTAL DEMAND LOAD:			0.00 KVA			
						TOTAL DEMAND CURRENT:			0.0 AMPS			

Property Management Office
400 WEST MAPLE ST.
NEW LENOX, IL 60451

ELECTRICAL RISER DIAGRAM
AND SCHEDULES



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