

General

- These drawings show a general intent of design and are not intended to be installation documents. Electrical contractor shall comply as much as possible to design intent without circumventing manufacturer's installation instructions or applicable codes.
- Electrical Contractor shall visit the site to investigate existing conditions prior to submitting bid. Submission of bid indicates an acknowledgment that site has been visited and existing conditions have been taken into consideration when preparing bid.
- Electrical contractor shall apply for, pay for and obtain necessary permits and inspections pertaining to his portion of work.
- Electrical contractor is responsible for coordination with other trades prior to rough in.
- Electrical contractor is responsible for maintaining existing conditions (surfaces, paint, etc.) where his work has disturbed existing conditions - either through repair himself or coordination with other trades.
- All work shall be in conforming with Americans with Disability Act of 1990

Division 26 - Electrical Specifications

- Electrical work shall comply with adopted version of National Electrical Code (NEC), as well as applicable state and local amendments and ordinances.
- Cable, Conductors, Conduit and Junction Boxes
- Where conduit is used, Electrical Metallic Tubing (EMT) shall be the minimum.
- Cable, Conduit and Junction Boxes shall be supported per NEC.
- Conductors shall be THHN, sized as noted.

NOTE: NOT ALL SYMBOLS SHOWN ON ELECTRICAL LEGEND ARE SHOWN ON ELECTRICAL PLANS

ELECTRICAL LEGEND

- POWER**
- HOME RUN TO PANEL INDICATED. 2#12#1#12 GND 3/4" C, U.N.O.
 - CONDUIT BETWEEN DEVICES
 - EXISTING ELECTRICAL DEVICE TO REMAIN
 - CIRCUIT BREAKER PANELBOARD (VOLTAGE AS INDICATED)
 - DUPLEX RECEPTACLE 20A-1 PHASE-120V 48" AFF. UNO.
 - GFI WHERE INDICATED, RECEPTACLE SHALL BE GROUND FAULT INTERRUPTER TYPE-20A-1 PHASE-120V.
 - WP WHERE INDICATED, RECEPTACLE SHALL HAVE CAST ALUMINUM WEATHER PROOF IN USE COVER
 - DISCONNECT SWITCH-F INDICATES FUSED
 - MOTOR-SIZE AS INDICATED
 - JUNCTION BOX
 - SWITCH THREE-WAY

GENERAL DEMOLITION NOTES

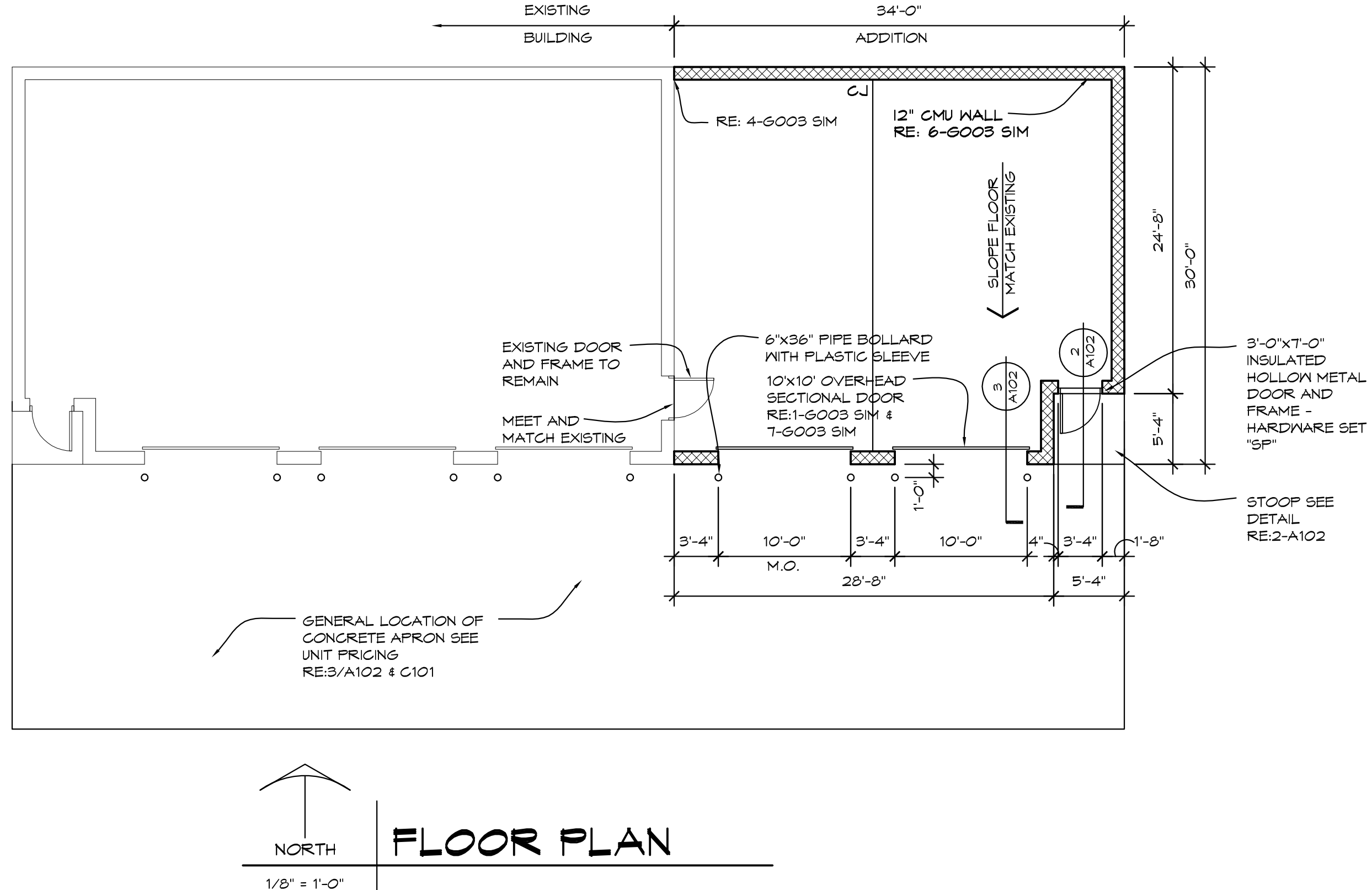
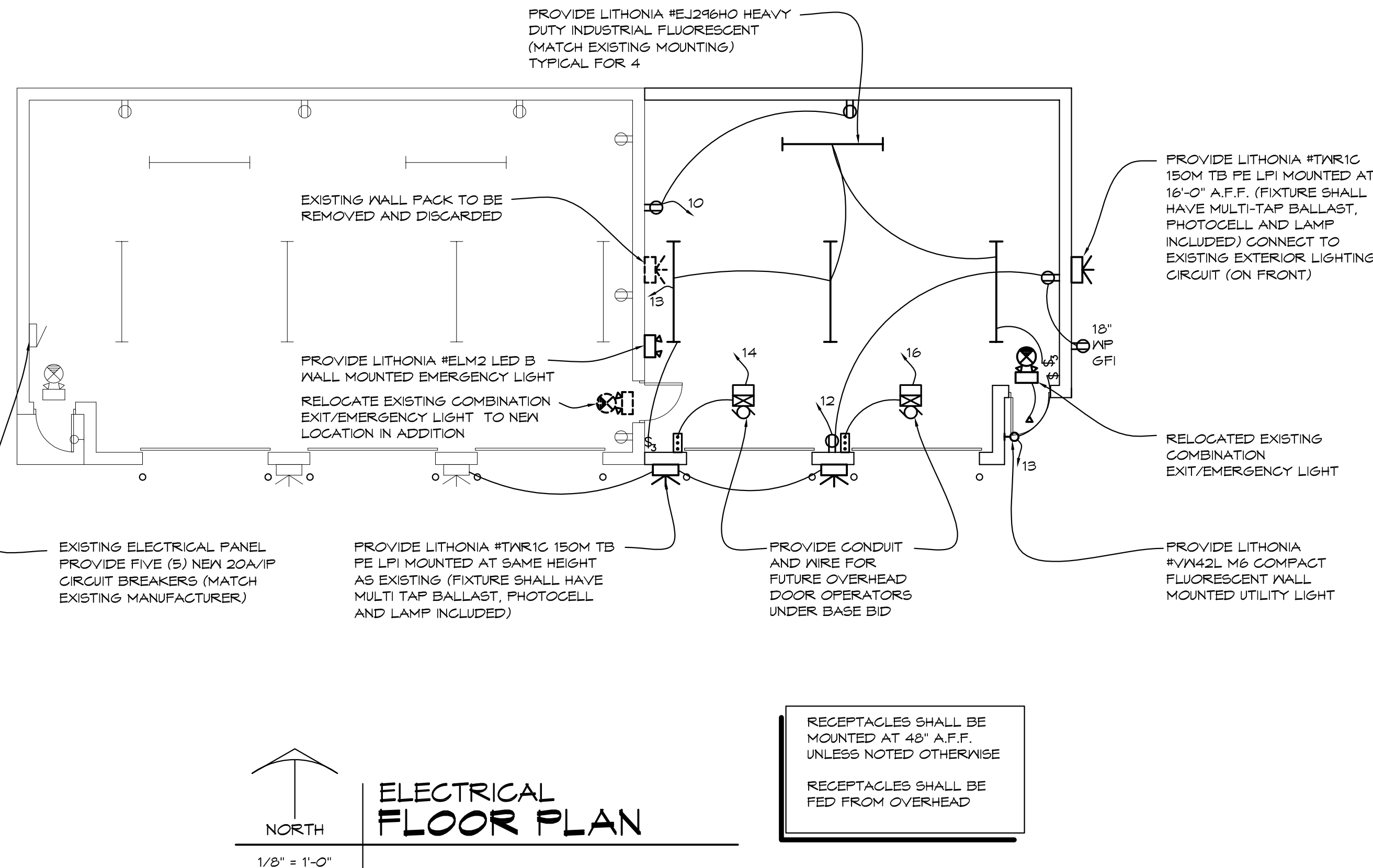
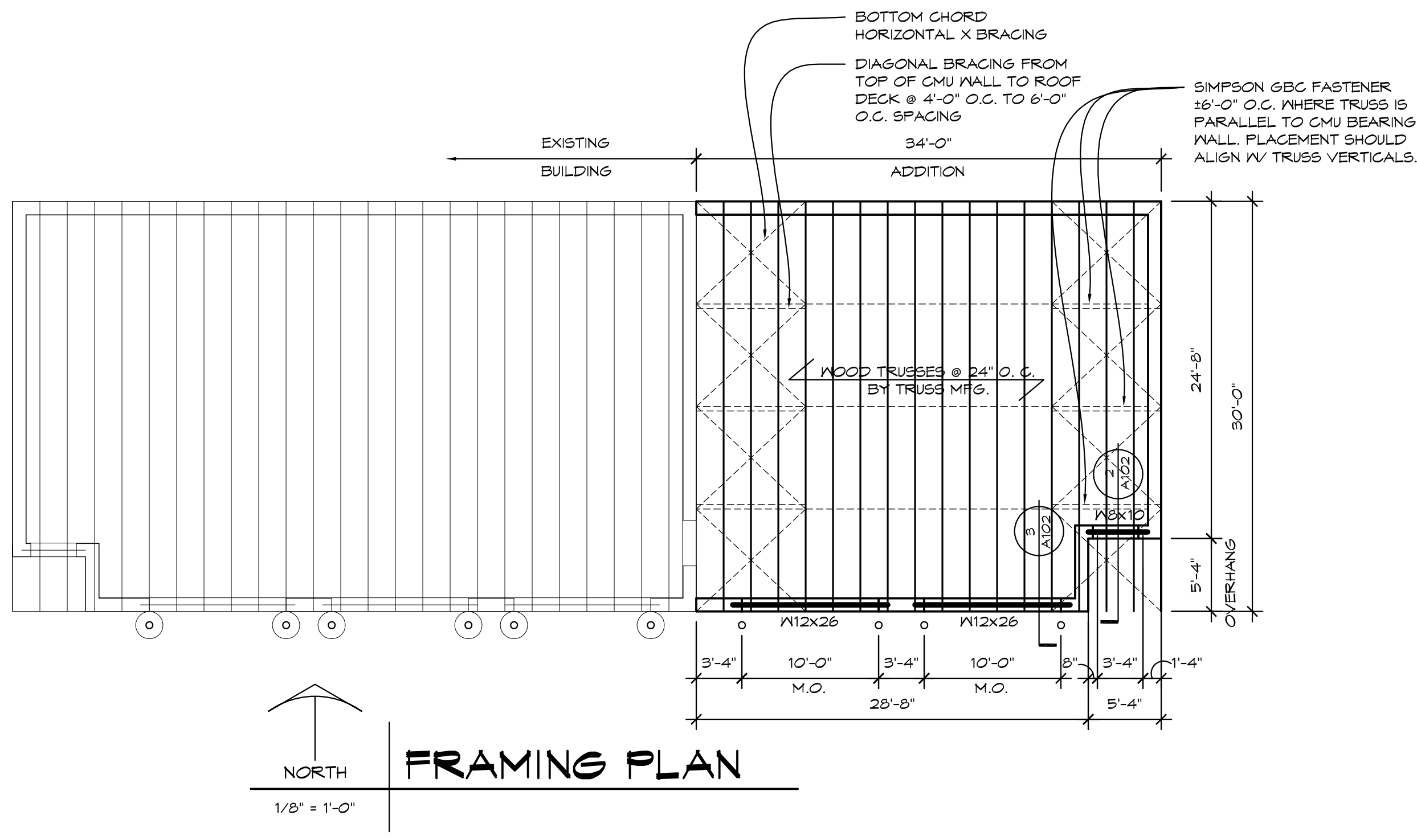
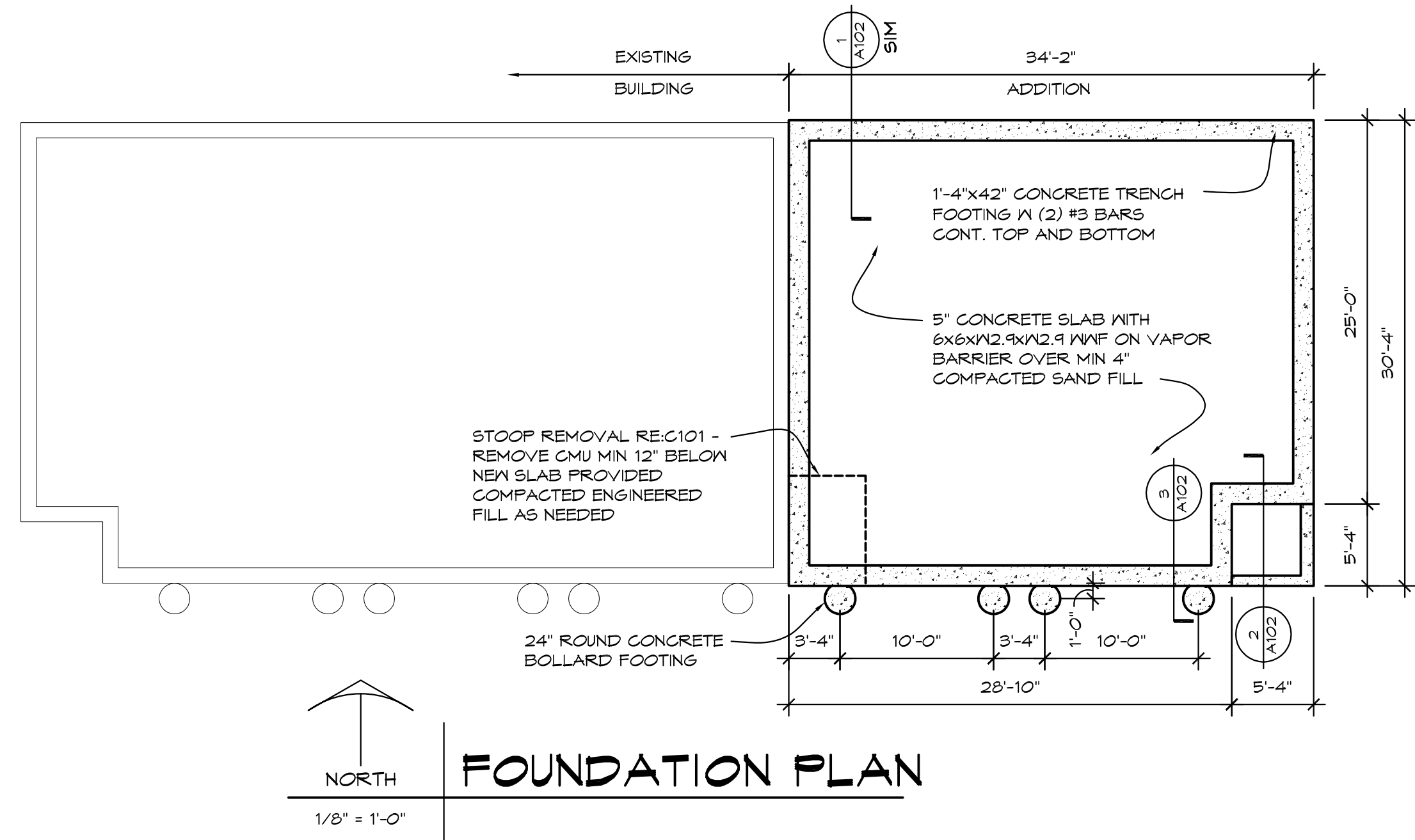
- REMOVE OR ISOLATE WIRING, OUTLETS, LIGHTING FIXTURES, ETC. THAT ARE TO BE ABANDONED AND/OR INTERFERING WITH THE BUILDING ALTERATIONS OR ADDITIONS.
- EXISTING ELECTRICAL WIRING, OUTLETS, LIGHTING FIXTURES, ETC. NOT INTERFERING WITH THE BUILDING ALTERATIONS OR ADDITIONS SHALL REMAIN CONNECTED TO EXISTING CIRCUITS.
- RELOCATE AND RECONNECT EXISTING WIRING AND OUTLETS, ELECTRICAL EQUIPMENT, ETC. TO BE LEFT IN OPERATION, BUT INTERFERING WITH BUILDING ALTERATIONS.
- THE OWNER SHALL HAVE FIRST RIGHT OF REFUSAL OF ITEMS REMOVED FROM EXISTING BUILDING. ITEMS NOT WANTED BY OWNER SHALL BECOME PROPERTY OF ELECTRICAL CONTRACTOR AND SHALL BE DISPOSED OF LEGALLY OFF SITE.
- COORDINATE DEMOLITION WITH ARCHITECTURAL AND MECHANICAL TRADES.

GENERAL ELECTRICAL NOTES

- ELECTRICAL WORK SHALL COMPLY WITH LATEST NATIONAL ELECTRICAL CODE, LIFE SAFETY CODE AND APPLICABLE STATE AND LOCAL CODES AND ORDINANCES.
- ELECTRICAL EQUIPMENT AND WIRING SHALL BE NEW AND SHALL BE FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR, UNLESS OTHERWISE NOTED.
- NEW WIRES SHALL BE TYPE THHN. MINIMUM SIZE SHALL BE #12 AWG, UNLESS OTHERWISE NOTED.
- RECEPTACLE CIRCUITS SHALL HAVE A DEDICATED NEUTRAL.
- FINAL CONNECTIONS TO EQUIPMENT, FURNISHED AND INSTALLED BY OTHERS, SHALL BE PROVIDED BY THIS CONTRACTOR.
- VERIFY LOCATION OF LIGHTING FIXTURES AND RECEPTABLES, ETC. WITH OWNER PRIOR TO ROUGH-IN.
- VERIFY AND COORDINATE WITH ARCHITECTURAL DRAWINGS EXACT LOCATION OF RECEPTABLES.
- CIRCUIT BREAKER ARRANGEMENT INDICATED ON THE ELECTRICAL RISER DIAGRAM DOES NOT NECESSARILY CORRESPOND TO THE ACTUAL BREAKER ARRANGEMENT OR PANEL PHASING. IT IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO BALANCE THE LOADS ON THE PANEL AT THE TIME OF INSTALLATION. EVERY ATTEMPT SHOULD BE MADE TO GROUP SIMILAR LOADS AND LOCATE ALL SPARES AND SPACES AT THE BOTTOM OF THE PANEL.
- PROVIDE A TYPEWRITTEN DIRECTORY IN THE PANEL DOOR, ACCURATELY INDICATING ROOMS AND EQUIPMENT BEING SERVED. CONTRACTOR SHOULD MAKE EVERY ATTEMPT TO IDENTIFY ALL CIRCUITS.
- RECEPTABLES THAT ARE TO BE GFI PROTECTED ARE TO BE GFI TYPE RECEPTABLES WIRED FOR INDIVIDUAL OUTLET.
- EMERGENCY LIGHTING, NIGHT LIGHTS AND EXIT SIGN SHALL BE WIRED AHEAD OF LOCAL SWITCHING OR OCCUPANCY SENSORS. EMERGENCY LIGHTING INDICATED TO HAVE OVERRIDE SWITCH SHALL BE WIRED TO OPERATE ON LOSS OF POWER.

GENERAL NOTES

- OWNER HAS FIRST RIGHT OF REFUSAL ON ALL MATERIAL AND EQUIPMENT BEING REMOVED.
- FIELD VERIFY ALL EXISTING CONDITIONS AND DOCUMENT ANY DISCREPANCIES PRIOR TO BEGINNING WORK.
- AT AREAS OF DEMOLITION, CONTRACTOR IS RESPONSIBLE FOR REMOVING, GAPPING, DISCONNECTING ALL INCIDENTAL ITEMS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY TEMPORARY BRACING AND/OR SHORING REQUIRED TO MAINTAIN THE INTEGRITY AND STRUCTURAL STABILITY OF THE BUILDING AND ITS ELEMENTS.
- NOTATIONS ARE MADE IN VARIOUS PLACES ON THE DRAWING TO CALL ATTENTION TO DEMOLITION WHICH IS REQUIRED; HOWEVER, THESE DRAWINGS ARE NOT INTENDED TO SHOW EACH AND EVERY ITEM TO BE REMOVED. THE CONTRACTOR AND THE SUBCONTRACTORS FOR THE VARIOUS TRADES SHALL REMOVE THE MATERIALS RELATED TO THEIR RESPECTIVE TRADES AS REQUIRED TO PERMIT THE CONSTRUCTION OF THE NEW WORK AS SHOWN.
- CONTRACTOR SHALL PROVIDE TEMPORARY PROTECTION FOR ALL COMPONENTS OF THE NEW AND EXISTING BUILDING DURING CONSTRUCTION TO PREVENT DAMAGE, INCLUDING WEATHERPROOF AT ALL OPENINGS.
- VISIT JOB SITE AND DETERMINE EXISTING CONDITIONS AND VERIFY EQUIPMENT AND PIPING LOCATIONS.
- FURNISH AND INSTALL MATERIAL AND EQUIPMENT AS SHOWN OR REQUIRED TO COMPLETE THE WORK, WHETHER SPECIFICALLY MENTIONED OR NOT.
- INSTALLATION SHALL BE MADE IN STRICT ACCORDANCE WITH LATEST RULES, REGULATIONS, AND ORDINANCES OF THE STATE AND CITY WHICH APPLY. MAKE APPLICATION FOR AND PAY FEES IN CONNECTION WITH ANY PERMITS, INSPECTIONS AND TESTS THAT MAY BE REQUIRED FOR THIS WORK.
- THE CONTRACTOR SHALL WARRANT AGAINST DEFECTS IN ANY MATERIALS AND WORKMANSHIP AND SHALL MAKE GOOD, REPAIR OR REPLACE AT HIS OWN EXPENSE ANY DEFECTIVE WORK, MATERIAL OR PART WHICH MAY SHOW ITSELF WITHIN A PERIOD OF ONE YEAR AFTER FINAL ACCEPTANCE OF THE WORK.
- THERE SHALL BE NO INTERFERENCE WITH THE OWNER'S ACTIVITIES. SCHEDULING OF DEMOLITION AND NEW WORK AND ALTERATION OF EXISTING SYSTEMS SHALL BE ACCOMPLISHED WITH THE APPROVAL OF THE OWNER. FORTY-EIGHT (48) HOURS NOTICE IS REQUIRED BEFORE INTERRUPTION OF HEATING OR COOLING SYSTEMS.



NO.	REVISIONS / SUBMISSIONS	DATE

THA

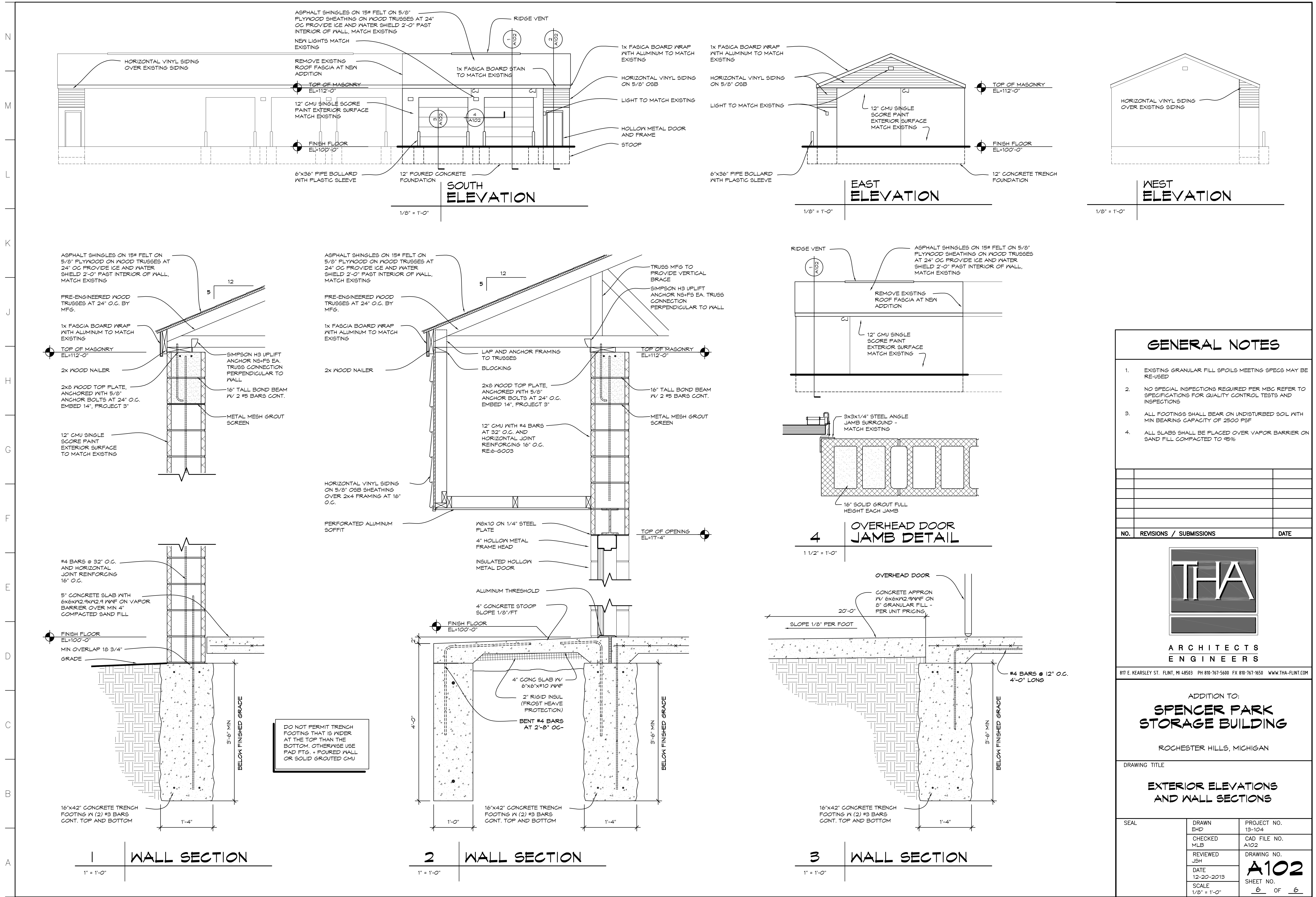
ARCHITECTS
ENGINEERS

417 E. KEARSLEY ST. FLINT, MI 48503 PH 810-767-5600 FX 810-767-1650 WWW.THA-FLINT.COM

ADDITION TO:
SPENCER PARK STORAGE BUILDING
ROCHESTER HILLS, MICHIGAN

DRAWING TITLE
FOUNDATION PLAN, FRAMING PLAN, FLOOR PLAN AND NOTES

SEAL	DRAWN EHD	PROJECT NO. 13-104
	CHECKED MLE	CAD FILE NO. A101
	REVIEWED JSH	DRAWING NO. A101
	DATE 12-20-2013	SHEET NO. 5 OF 6
	SCALE 1/8" = 1'-0"	



GENERAL NOTES

1. EXISTING GRANULAR FILL SPOILS MEETING SPECS MAY BE RE-USED
2. NO SPECIAL INSPECTIONS REQUIRED PER MEC REFER TO SPECIFICATIONS FOR QUALITY CONTROL TESTS AND INSPECTIONS
3. ALL FOOTINGS SHALL BEAR ON UNDISTURBED SOIL WITH MIN BEARING CAPACITY OF 2500 PSF
4. ALL SLABS SHALL BE PLACED OVER VAPOR BARRIER ON SAND FILL COMPACTED TO 95%

NO.	REVISIONS / SUBMISSIONS	DATE

THA

**ARCHITECTS
ENGINEERS**

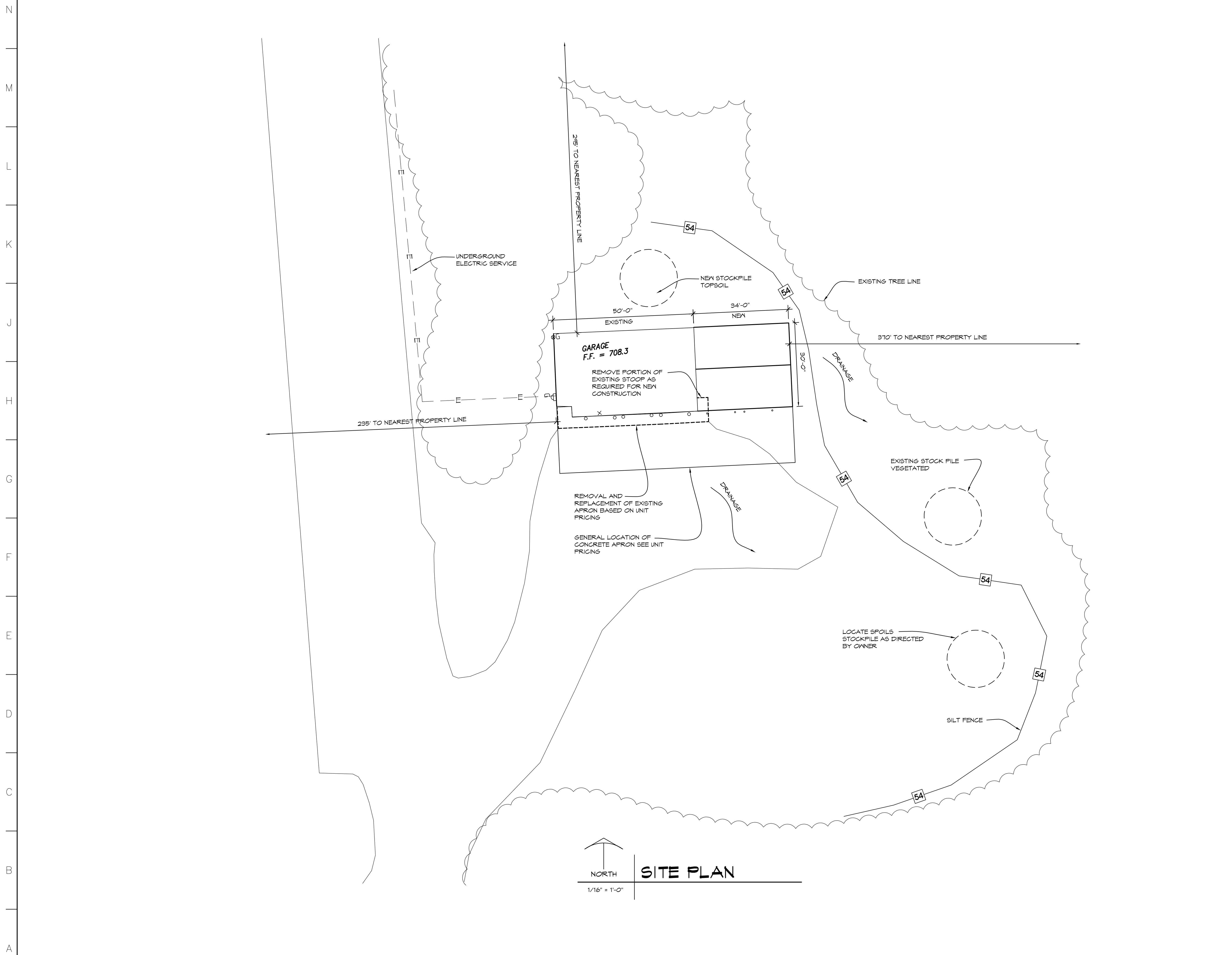
417 E. KEARSLEY ST. FLINT, MI 48933 PH 810-767-5600 FX 810-767-1650 WWW.THA-FLINT.COM

ADDITION TO:
**SPENCER PARK
STORAGE BUILDING**

ROCHESTER HILLS, MICHIGAN

DRAWING TITLE
**EXTERIOR ELEVATIONS
AND WALL SECTIONS**

SEAL	DRAWN EHD	PROJECT NO. 13-104
	CHECKED MLB	CAD FILE NO. A102
	REVIEWED JSH	DRAWING NO.
	DATE 12-20-2013	A102
	SCALE 1/8" = 1'-0"	SHEET NO. 6 OF 6



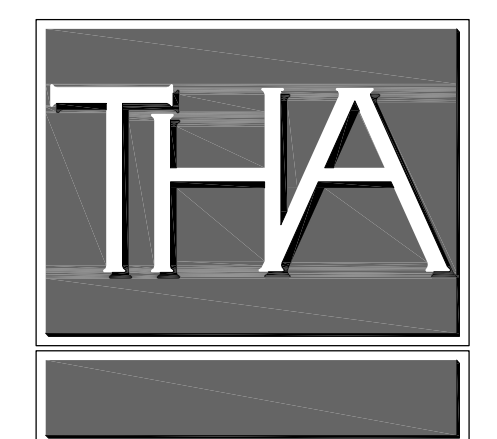
GENERAL NOTES

1. UTILITY INFORMATION WAS OBTAINED FROM OWNERS AVAILABLE RECORDS. NO GUARANTEE IS MADE EITHER TO COMPLETENESS OR ACCURACY.
2. CONTACT "MISS DIG", AT 1-800-482-7171, PRIOR TO ANY EXCAVATION OR DEMOLITION.
3. COORDINATE ALL WORK WITH MECHANICAL AND ELECTRICAL DRAWINGS AND TRADES.
4. HYDROSEED ALL DISTURBED AREAS.
5. OWNER TO PROVIDE TREE PROTECTION FOR EXISTING TREE DURING CONSTRUCTION
6. NO SPECIAL INSPECTIONS REQUIRED PER MICHIGAN BUILDING CODE SECTION 1704. REFER TO SPECIFICATIONS FOR QUALITY CONTROL INSPECTIONS.

SOIL EROSION LEGEND

KEY	DETAIL
54	

NO.	REVISIONS / SUBMISSIONS	DATE
-----	-------------------------	------



**ARCHITECTS
ENGINEERS**

817 E. KEARSLEY ST. FLINT, MI 48503 PH 810-767-5600 FX 810-767-1650 WWW.THA-FLINT.COM

ADDITION TO:
**SPENCER PARK
STORAGE BUILDING**

ROCHESTER HILLS, MICHIGAN

DRAWING TITLE

SITE PLAN

SEAL	DRAWN EHD	PROJECT NO. 13-104
	CHECKED MLB	CAD FILE NO. A101
	REVIEWED JSH	DRAWING NO.
	DATE 12-20-2013	C101
	SCALE 1/16" = 1'-0"	