


100% CONTRACT DOCUMENTS
MARCH 10TH, 2025



A map of the area around the New York State Insurance Fund building in Syracuse, NY. The building is highlighted with a red pin and labeled 'NEW YORK STATE INSURANCE FUND'. The map shows several streets: Kingston Dr, Plaxdale Rd, Chestnut Hill Dr, and Moyer Hill Dr. Other landmarks include the Days Inn by Wyndham Liverpool/Syracuse (2.7 stars, 67 reviews, 2-star hotel) and Kishmish. A road sign for 148 is also visible.

| | |
|---|--------------|
| 2 | VICINITY MAP |
| - | NTS |

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE TAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

| No. | Submittal / Revision | Appr | By | Date |
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|  | 100% CONTRACT DOCUMENTS | PR | LG | 3/10/25 |

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| Designed By: PR | Drawn By: LG | Checked By: NF |
| Issue Date: 3/10/25 | Project No.: 089835 | Scale: AS SHOWN |

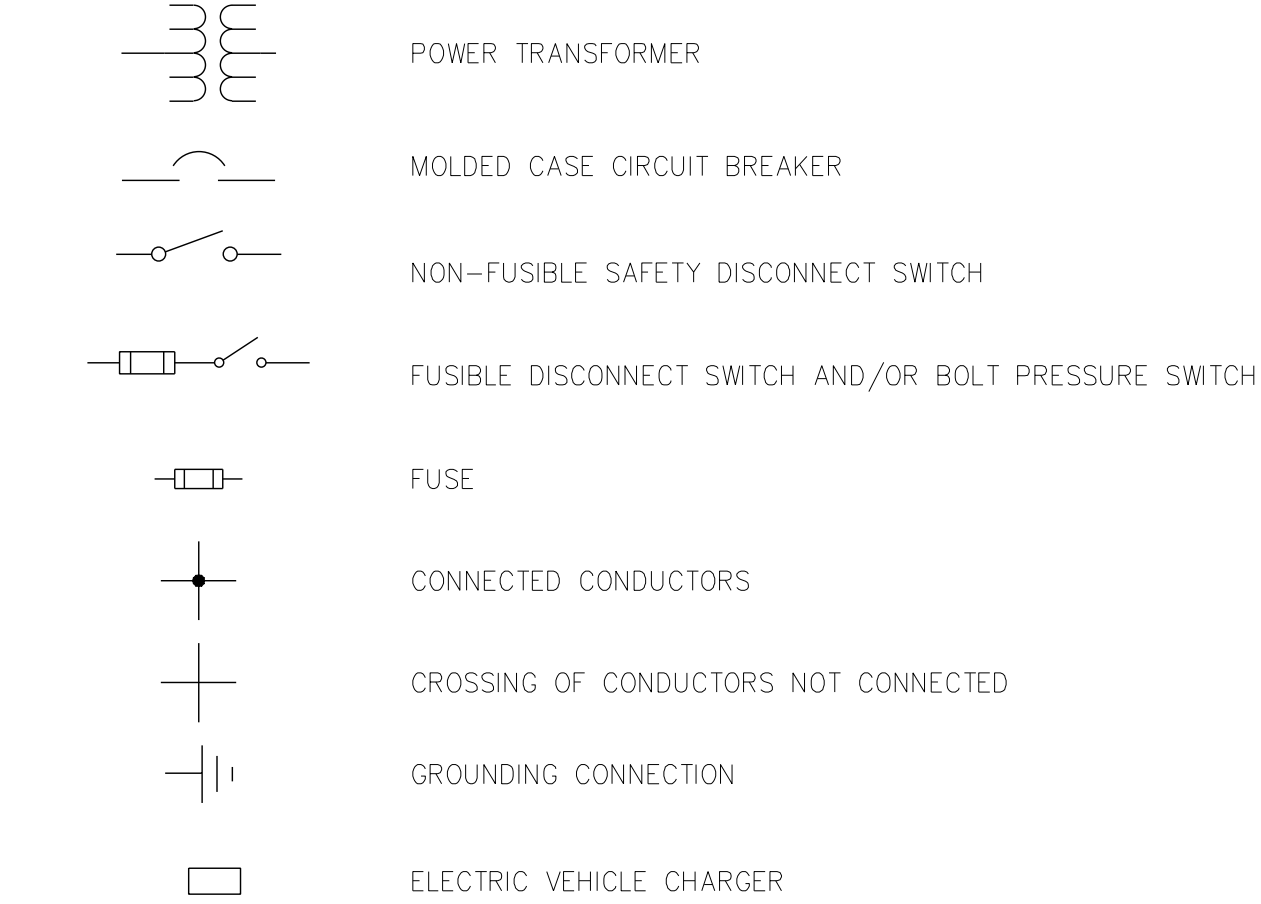
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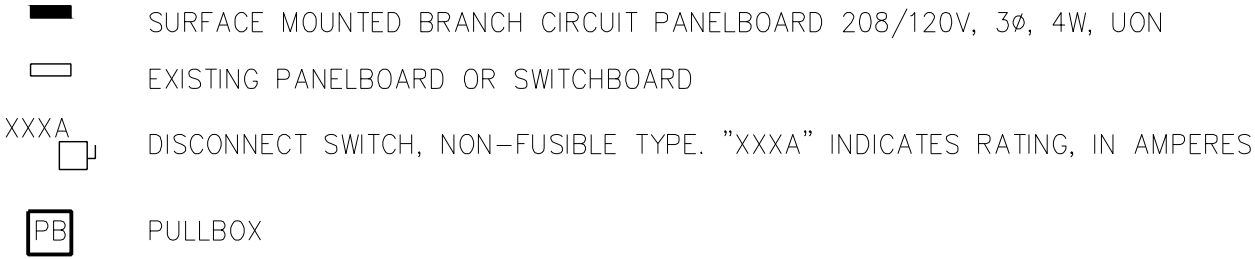
ELECTRICAL ABBREVIATIONS

| | |
|-----------|-------------------------------------|
| A | AMPERE |
| AF | AMPERE FRAME AND AMPERE FUSE |
| AIC | AMPERE INTERRUPTING CAPACITY |
| AT | AMPERE TRIP |
| AWG | AMERICAN WIRE GAUGE |
| BCW | BARE COPPER WIRE |
| C | CONDUIT |
| CB | CIRCUIT BREAKER |
| CU | COPPER |
| DWG | DRAWING |
| EC | ELECTRICAL CONTRACTOR |
| (E) | EXISTING TO REMAIN |
| ELEC | ELECTRIC(AL) |
| EQUIP | EQUIPMENT |
| F | FUSE(D) |
| FLA | FULL LOAD AMPS |
| G, GND | GROUND |
| GC | GENERAL CONTRACTOR |
| GFCI | GROUND FAULT CIRCUIT INTERRUPTER |
| HD | HEAVY DUTY |
| HP | HORSEPOWER |
| ID | IDENTIFY, IDENTIFICATION |
| JB | JUNCTION BOX |
| KCM/kmil | THOUSAND CIRCULAR MILS |
| kVA | KILO VOLT AMPERE |
| KW | KILOWATT |
| LFMC | LIQUID-TIGHT FLEXIBLE METAL CONDUIT |
| MC | MECHANICAL CONTRACTOR |
| MCA | MINIMUM CIRCUIT AMPACITY |
| MCB | MAIN CIRCUIT BREAKER |
| MLO | MAIN LUGS ONLY |
| MOCP | MAXIMUM OVER CURRENT PROTECTION |
| (N) | NEW |
| N | NEUTRAL |
| NEC | NATIONAL ELECTRICAL CODE |
| NF | NON-FUSIBLE |
| No/# | NUMBER |
| NTS | NOT TO SCALE |
| PRI | PRIMARY |
| PWR | POWER |
| Ø | PHASE |
| PT | PRESSURE TREATED |
| PVC | POLYVINYL CHLORIDE |
| (R) | EXISTING TO BE REMOVED |
| RMC | RIGID METAL CONDUIT |
| RLA | RUNNING LOAD AMPS |
| SEC | SECONDARY |
| SSRV | SOLID STATE REDUCED VOLTAGE |
| SCHD | SCHEDULE |
| SSOL | SOLID STATE OVERLOAD |
| T – TRANS | TRANSFORMER |
| TYP | TYPICAL |
| UON | UNLESS OTHERWISE NOTED |
| V | VOLT, VOLTS |
| VA | VOLT-AMPERES |
| W | WATT, WIRE |
| W/ | WITH |
| WP | WEATHERPROOF |

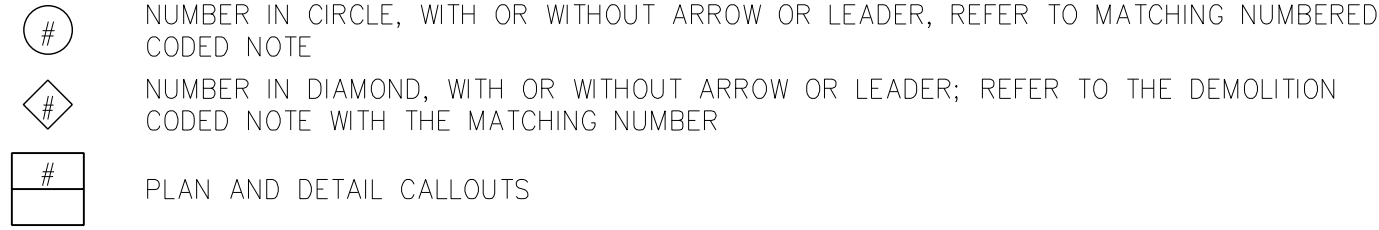
ONE LINE DIAGRAMS



POWER DISTRIBUTION EQUIPMENT



GENERAL



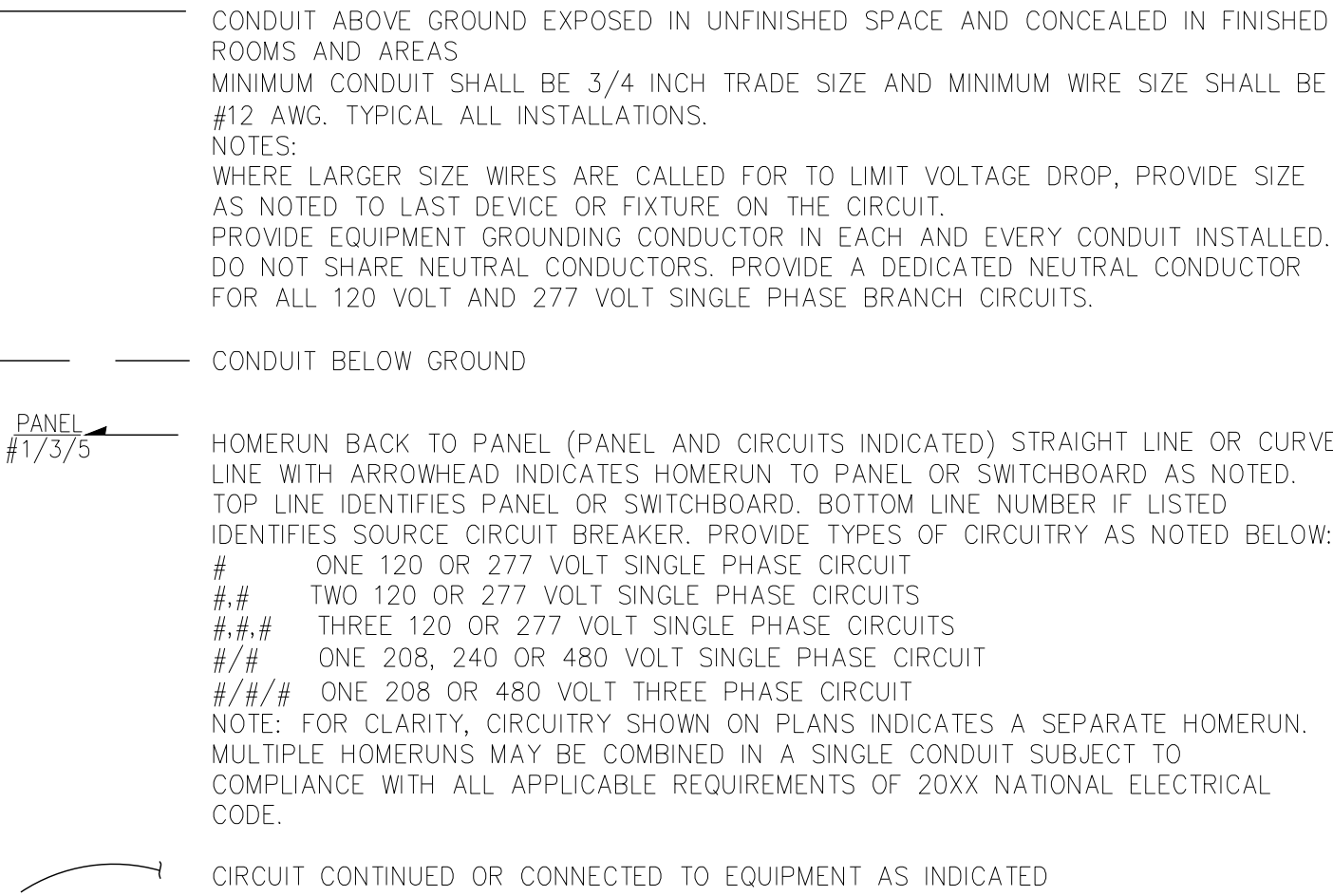
GENERAL NOTES:

- THE ELECTRICAL CONTRACTOR SHALL INSTALL ALL ELECTRICAL SYSTEMS CALLED FOR BY THIS PROJECT PER THE 2017 NATIONAL ELECTRICAL CODE.
- THE ELECTRICAL CONTRACTOR SHALL VERIFY ALL FIELD CONDITIONS AND THOROUGHLY EXAMINE SITE PRIOR TO THE BEGINNING OF WORK TO VERIFY SCOPE REQUIREMENTS. DUE TO THE NATURE OF THIS PROJECT AND THE STATE OF THE EXISTING BUILDING, IT IS IMPOSSIBLE TO COMPLETELY RELAY THE SCOPE OF DEMOLITION AND NEW WORK. FAILURE TO FIELD VERIFY ACTUAL SITE CONDITIONS SHALL NOT RELIEVE THE CONTRACTOR OF HIS/HER RESPONSIBILITIES.
- CIRCUITRY ROUTING AND CONDUIT ROUTING SHOWN ON THESE PLANS ARE DIAGRAMMATIC ONLY. THE CONTRACTOR SHALL ROUTE BRANCH CIRCUITRY PARALLEL AND PERPENDICULAR TO BUILDING WALLS AND ALONG THE SHORTEST AND MOST COST EFFECTIVE ROUTE WHERE POSSIBLE. ALTHOUGH NOT ALL BRANCH CIRCUIT WIRING AND RACEWAYS ARE SHOWN, IT IS THE INTENT OF THESE DOCUMENTS THAT A COMPLETE BRANCH CIRCUIT WIRING SYSTEM BE INSTALLED.
- ALL ELECTRICAL SYSTEMS SHALL BE SUITABLY GROUNDED, INCLUDING ALL NON-CURRENT CARRYING METALLIC COMPONENTS OF ALL EQUIPMENT AND METALLIC CONDUITS. GROUNDING SHALL BE PROVIDED, INSTALLED, AND ACCOMPLISHED AS REQUIRED BY THE 2017 NATIONAL ELECTRICAL CODE.
- WIRING INDICATED BY CIRCUIT NUMBER SYMBOL SHALL INCLUDE A NEUTRAL WHEN THE LOAD SERVED HAS PROVISIONS FOR, OR REQUIRES A NEUTRAL.
- LIGHT/GRAY LINE WEIGHT SHALL INDICATE EXISTING CONDITIONS, DASHED LINE WEIGHT SHALL INDICATE WORK TO BE DEMOLISHED, HEAVY/BLACK LINE WEIGHT SHALL INDICATE NEW WORK.
- SYMBOLS SHOWN ON THIS SHEET ARE STANDARD SYMBOLS. SOME SYMBOLS MAY NOT BE USED ON THIS PROJECT.
- COORDINATE ALL ELECTRICAL EQUIPMENT WITH ALL OTHER TRADES TO AVOID CONFLICTS. PROVIDE ALL NECESSARY FITTINGS, EQUIPMENT, HANGERS, OFFSETS, ROUTING ETC. TO AVOID CONFLICTS AT NO ADDITIONAL COST TO OWNER.
- ANY ELECTRICAL EQUIPMENT, DEVICES OR CONDUIT AND WIRING (FIXTURES, RECEPTACLES, ETC) THAT ARE REQUIRED TO BE RELOCATED DUE TO CONSTRUCTION, SHALL BE DONE AT THE CONTRACTOR'S EXPENSE. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING SERVICE TO ANY SUCH EQUIPMENT AND/OR DEVICES.
- CONTRACTOR SHALL REMOVE AND/OR RELOCATE AS DIRECTED ALL ELECTRICAL APPURTENANCES ASSOCIATED WITH THE NEW CONSTRUCTION.
- WHERE CUTTING, PATCHING AND PAINTING EXISTING FLOORS, WALLS AND/OR CEILINGS ARE REQUIRED TO PERFORM ELECTRICAL CONSTRUCTION, AND NO RESTORATION IS CALLED FOR BY OTHER DISCIPLINES WITHIN THE DOCUMENTS, THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR, INCLUDING ALL COSTS ASSOCIATED WITH, THE RESTORATION OF ALL ADJACENT SURFACES TO MATCH EXISTING.
- PROVIDE NEW, TYPE WRITTEN PANEL DIRECTORIES FOR ALL PANELS IMPACTED BY DEMOLITION AND NEW WORK. HANDWRITTEN DIRECTORIES OR HANDWRITTEN NOTES ON EXISTING DIRECTORIES ARE NOT ACCEPTABLE. PROVIDE ALL APPLICABLE LABELS AND PLACARDS FOR NEW EQUIPMENT PER NEC 2017.
- EC SHALL MAINTAIN CLEAR WORKING SPACE FOR ELECTRICAL EQUIPMENT PER NEC 2017 ARTICLE 110.
- ALL SYMBOLS SHOWN ON THIS SHEET MAY NOT BE APPLICABLE TO THIS PROJECT.

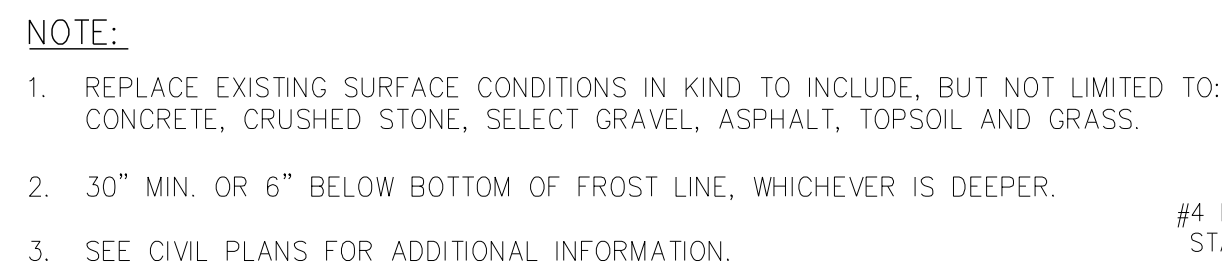
DEMOLITION NOTES:

- THE CONTRACTOR SHALL COORDINATE HIS EFFORTS OF DEMOLITION, REMOVALS, RELOCATIONS AND PROPOSED WORK, WITH ALL TRADES, AS APPLICABLE. CONSULT ALL DRAWINGS FOR UTILITY AND OTHER COORDINATION REQUIREMENTS BEFORE COMMENCING CONSTRUCTION. SAWCUT EXISTING CURBS AND SIDEWALKS AT NEAREST JOINT BEYOND REMOVAL POINT.
- ALL ITEMS REQUIRING REMOVAL SHALL BE REMOVED TO FULL DEPTH TO INCLUDE BASE MATERIAL AND FOOTINGS OR FOUNDATIONS AS APPLICABLE.
- EXCAVATIONS SHALL BE BACKFILLED IN ACCORDANCE WITH PROJECT REQUIREMENTS.
- ALL ITEMS MARKED FOR REMOVAL AND INCIDENTAL REMOVALS NECESSARY FOR PROPOSED CONSTRUCTION SHALL BE DISPOSED OF OFF-SITE AT THE CONTRACTOR'S EXPENSE, INCLUDING ALL CONSTRUCTION DEBRIS.
- THE CONTRACTOR SHALL RESTORE AREA TO ORIGINAL OR BETTER CONDITION UPON SUBSTANTIAL COMPLETION OF WORK.
- CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ADEQUATE DRAINAGE IN PAVEMENT REMOVAL AREAS. ANY DAMAGE/SATURATION OF THE EXISTING SUBGRADE OR SUBBASE DUE TO INADEQUATE DRAINAGE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CORRECT TO THE SATISFACTION OF THE OWNER OR ENGINEER.
- THE CONTRACTOR SHALL REMOVE FROM THE SITE, RECYCLE, OR DISPOSE OF ALL BUILDING MATERIALS AND WASTES IN ACCORDANCE WITH LOCAL REGULATIONS. THE CONTRACTOR SHALL NOT ILLEGALLY BURY, DUMP, OR DISCHARGE ANY BUILDING MATERIAL OR WASTES.

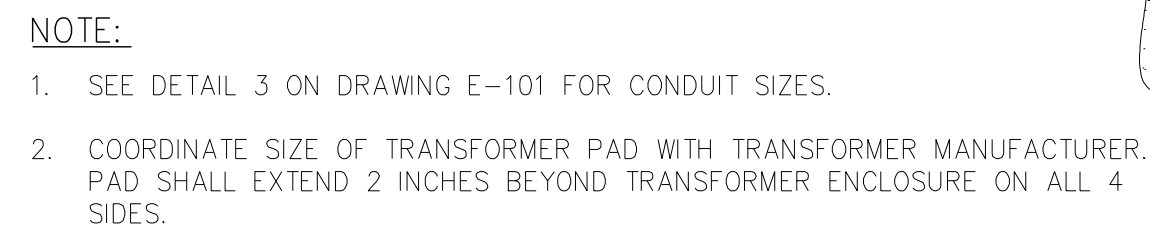
RACEWAYS







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|---|---|
| 1 | UNDERGROUND CONDUIT INSTALLATION DETAIL |
| - | NOT TO SCALE |




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|---|------------------------------------|
| 2 | STANCHION MOUNTED EQUIPMENT DETAIL |
| - | NOT TO SCALE |



3 GROUND ROD DETAIL
- NOT TO SCALE



| | |
|---|---------------------|
| 5 | CONDUIT PENETRATION |
| - | NOT TO SCALE |

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|  | 100% CONTRACT DOCUMENTS | PR | LG | 3/10/20 |

ELECTRICAL DETAILS

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| Designed By: PR | Drawn By: LG | Checked By: NF |
| Issue Date: 3/10/25 | Project No.: 089835 | Scale: AS SHOWN |

SURVEY NOTES:

1. BASEMAP PREPARED BASED ON NY STATE AERIAL AVAILABLE MAPPING.
2. THE UTILITIES SHOWN HAVE BEEN LOCATED FROM EVIDENCE OBSERVED ON THE SURFACE ONLY OR HAVE BEEN SHOWN GRAPHICALLY PER SUPPLIED MATERIALS. THERE IS NO GUARANTEE THAT THE UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA. EITHER IN-SERVICE OR ABANDONED OR THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED.

DEMOLITION NOTES:

1. THE CONTRACTOR SHALL COORDINATE HIS EFFORTS OF DEMOLITION, REMOVALS, RELOCATIONS AND PROPOSED WORK, WITH ALL TRADES, AS APPLICABLE. CONSULT ALL DRAWINGS FOR UTILITY AND OTHER COORDINATION REQUIREMENTS BEFORE COMMENCING CONSTRUCTION.
2. SAWCUT EXISTING CURBS AND SIDEWALKS AT NEAREST JOINT BEYOND REMOVAL POINT. COORDINATE WITH OWNER FOR SIDEWALK FINISH.
2. REMOVE AND REPLACE CURB IN KIND, AS REQUIRED.
3. ALL ITEMS REQUIRING REMOVAL SHALL BE REMOVED TO FULL DEPTH TO INCLUDE BASE MATERIAL AND FOOTINGS OR FOUNDATIONS AS APPLICABLE.
4. EXCAVATIONS SHALL BE BACKFILLED IN ACCORDANCE WITH PROJECT REQUIREMENTS.
5. ALL ITEMS MARKED FOR REMOVAL AND INCIDENTAL REMOVALS NECESSARY FOR PROPOSED CONSTRUCTION SHALL BE DISPOSED OF OFF-SITE AT THE CONTRACTOR'S EXPENSE, INCLUDING ALL CONSTRUCTION DEBRIS.
6. THE CONTRACTOR SHALL RESTORE AREA TO ORIGINAL OR BETTER CONDITION UPON SUBSTANTIAL COMPLETION OF WORK.
7. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ADEQUATE DRAINAGE IN PAVEMENT REMOVAL AREAS. ANY DAMAGE/SATURATION OF THE EXISTING SUBGRADE OR SUBBASE DUE TO INADEQUATE DRAINAGE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CORRECT TO THE SATISFACTION OF THE OWNER OR ENGINEER.
8. THE CONTRACTOR SHALL REMOVE FROM THE SITE, RECYCLE, OR DISPOSE OF ALL BUILDING MATERIALS AND WASTES IN ACCORDANCE WITH LOCAL REGULATIONS. THE CONTRACTOR SHALL NOT ILLEGALLY BURY, DUMP, OR DISCHARGE ANY BUILDING MATERIAL OR WASTES.

CONSTRUCTION NOTES:

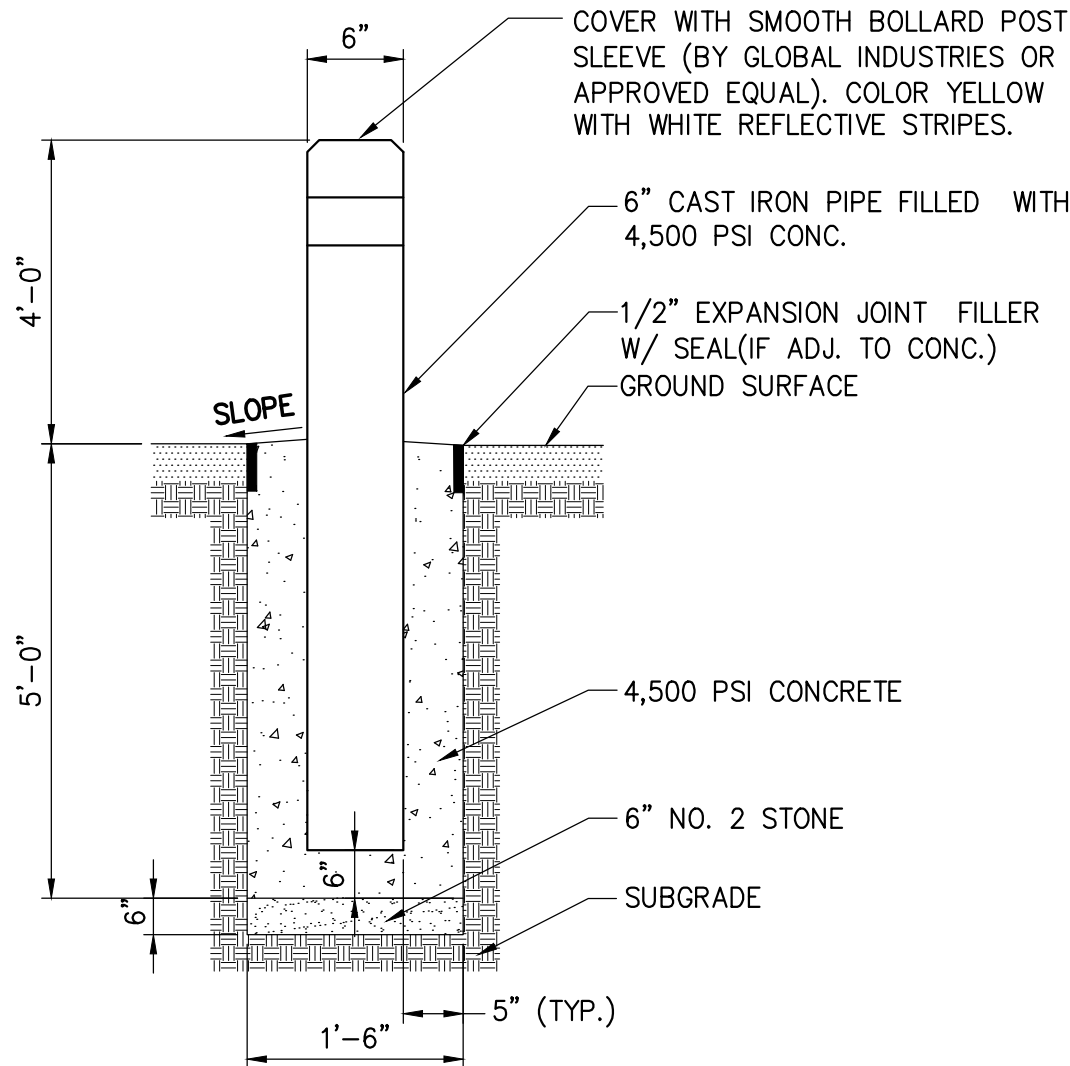
1. NYSDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION SHALL GOVERN.
2. STANDARD ROADWAY CONSTRUCTION – TRAFFIC CONTROL – BRIDGE CONSTRUCTION DETAILS BOOKLET ARE APPLICABLE TO THIS PROJECT EXCEPT FOR THOSE DETAILS CONTAINED HEREIN.
3. CONTRACTOR SHALL VERIFY THAT PROPOSED EQUIPMENT FOOTINGS WILL NOT CONFLICT WITH EXISTING UTILITIES.
4. PROTECT EXISTING CURB DURING TRENCH WORK.
5. CONTRACTOR TO REMOVE AND REPLACE CHAIN LINK FENCE, IF REQUIRED FOR UTILITY INSTALLATION.
6. WORK IN PRIVATE PROPERTY: THE CONTRACTOR SHALL OBTAIN WRITTEN AUTHORIZATION FROM THE OWNER PRIOR TO BEGINNING WORK IN ANY PRIVATELY-OWNED AREAS WHICH WILL REQUIRE EASEMENTS FOR CONSTRUCTION.
7. CONTRACTOR SHALL PROTECT EXISTING UTILITIES DURING CONSTRUCTION.
8. CONTRACTOR SHALL SUBMIT A STAGING PLAN FOR CONSTRUCTION.
9. RESTORE EXISTING STRIPES AND MARKINGS.

UTILITY CONSTRUCTION NOTES:

1. SAW CUT TRENCH FOR ALL TRENCH LIMITS.
2. TRENCH WIDTH LIMIT OF DISTURBANCE SHALL BE CONDUIT OUTSIDE DIAMETER PLUS ONE FOOT.
3. CONTRACTOR SHALL EXCAVATE TEST PITS, AS REQUIRED.
4. TRENCH PAVEMENT RESTORATION SHALL BE IN ACCORDANCE WITH TYPICAL TRENCH DETAIL.

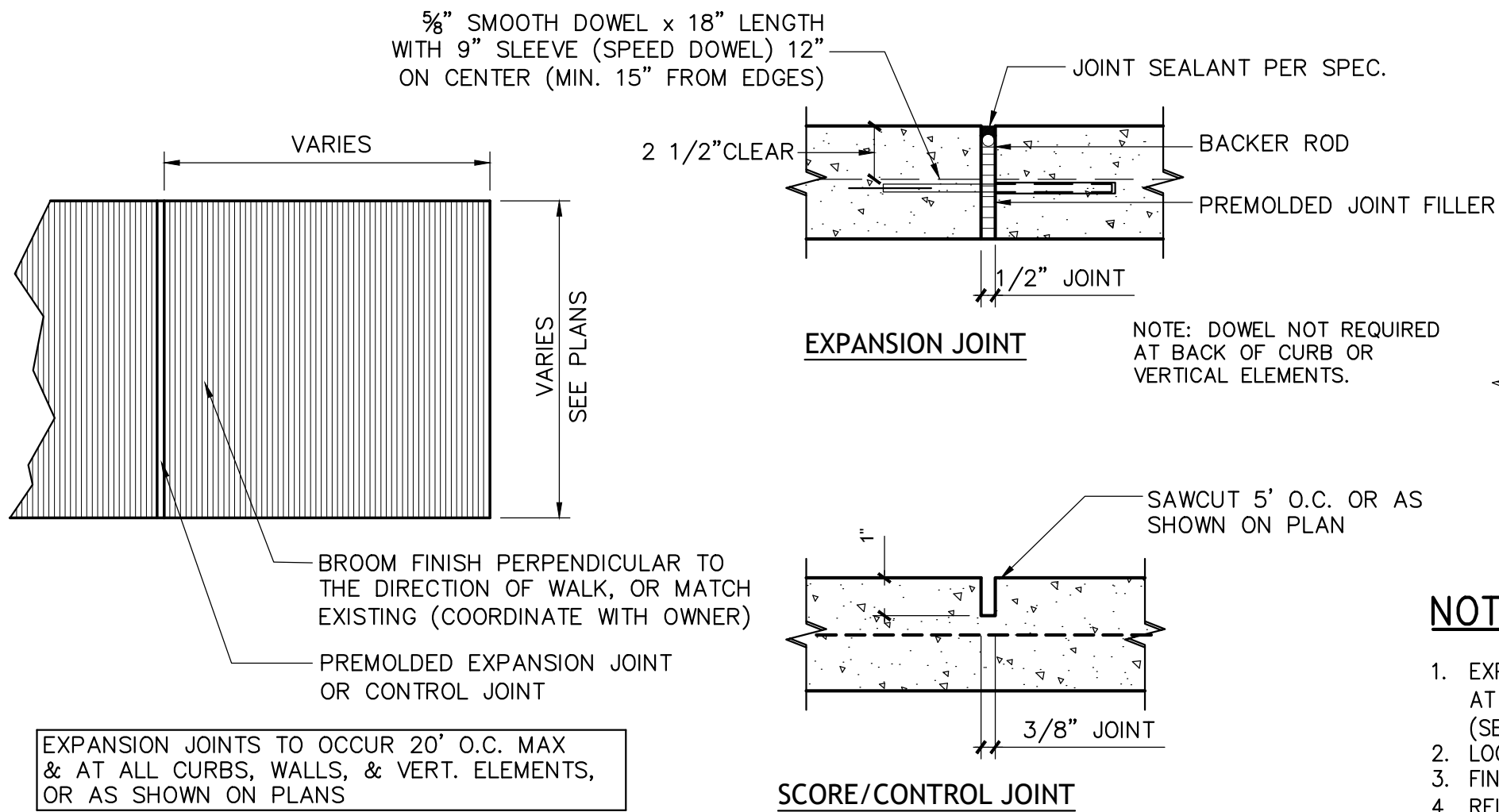


Know what's below.
Call before you dig.



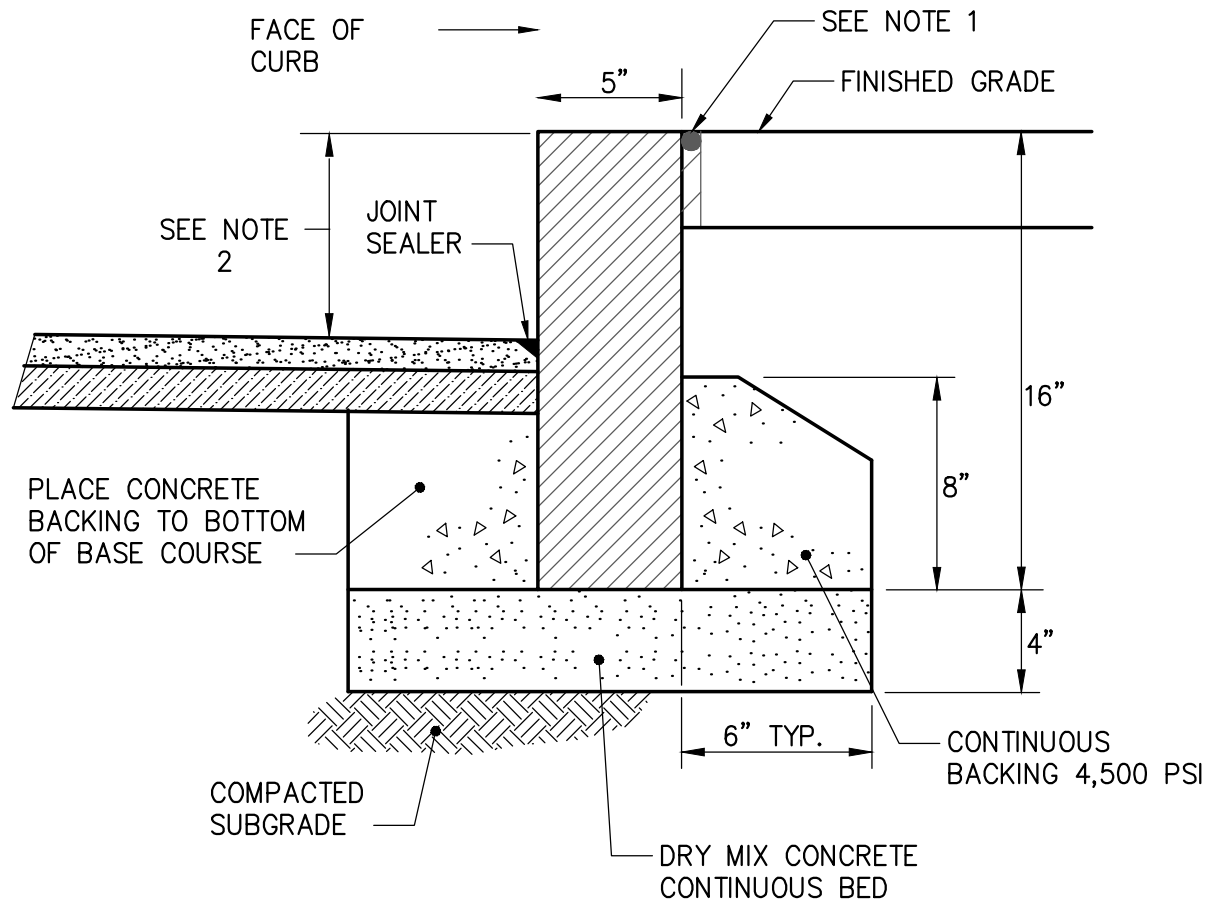
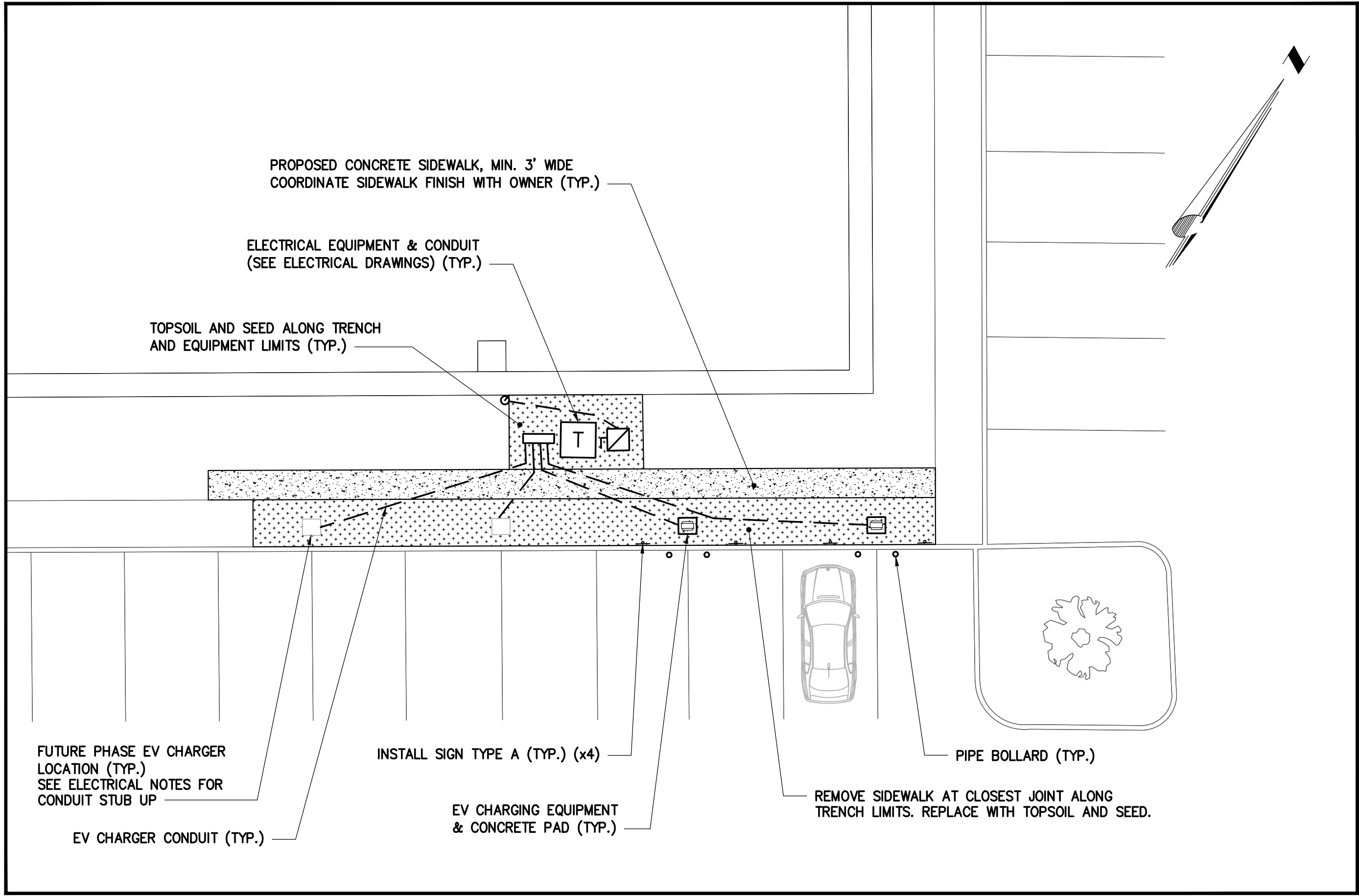
PIPE BOLLARD DETAIL

SCALE: N.T.S.



CONCRETE SIDEWALK

SCALE: N.T.S.



NOTES:

1. EXPANSION JOINT MATERIAL SHALL BE INSTALLED WHEN CURB IS SET AGAINST NEW OR EXISTING SIDEWALK AND AT INTERFACES WITH CURB INLET FRAME AND GRATES.
2. CURB REVEAL SHALL BE DETERMINED IN THE FIELD BASED ON EXISTING CONDITIONS. CONTRACTOR SHALL LAYOUT CURB WITH STRING LINE FOR REVIEW AND APPROVAL BY THE OWNER PRIOR TO INSTALLATION. 6" CURB REVEAL MAXIMUM IS DESIRED.
3. CURB ENDS SHALL BUTT AGAINST ONE ANOTHER. NO JOINT SPACE IS PERMITTED.

GRANITE CURB DETAIL

SCALE: N.T.S.



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| 100% CONSTRUCTION DOCUMENTS | JT | SC | 3/10/25 |
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SITE LAYOUT PLAN

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| Designed By: STC | Drawn By: STC | Checked By: JT |
| Issue Date: 3/10/25 | Project No.: 089835 | Scale: AS SHOWN |

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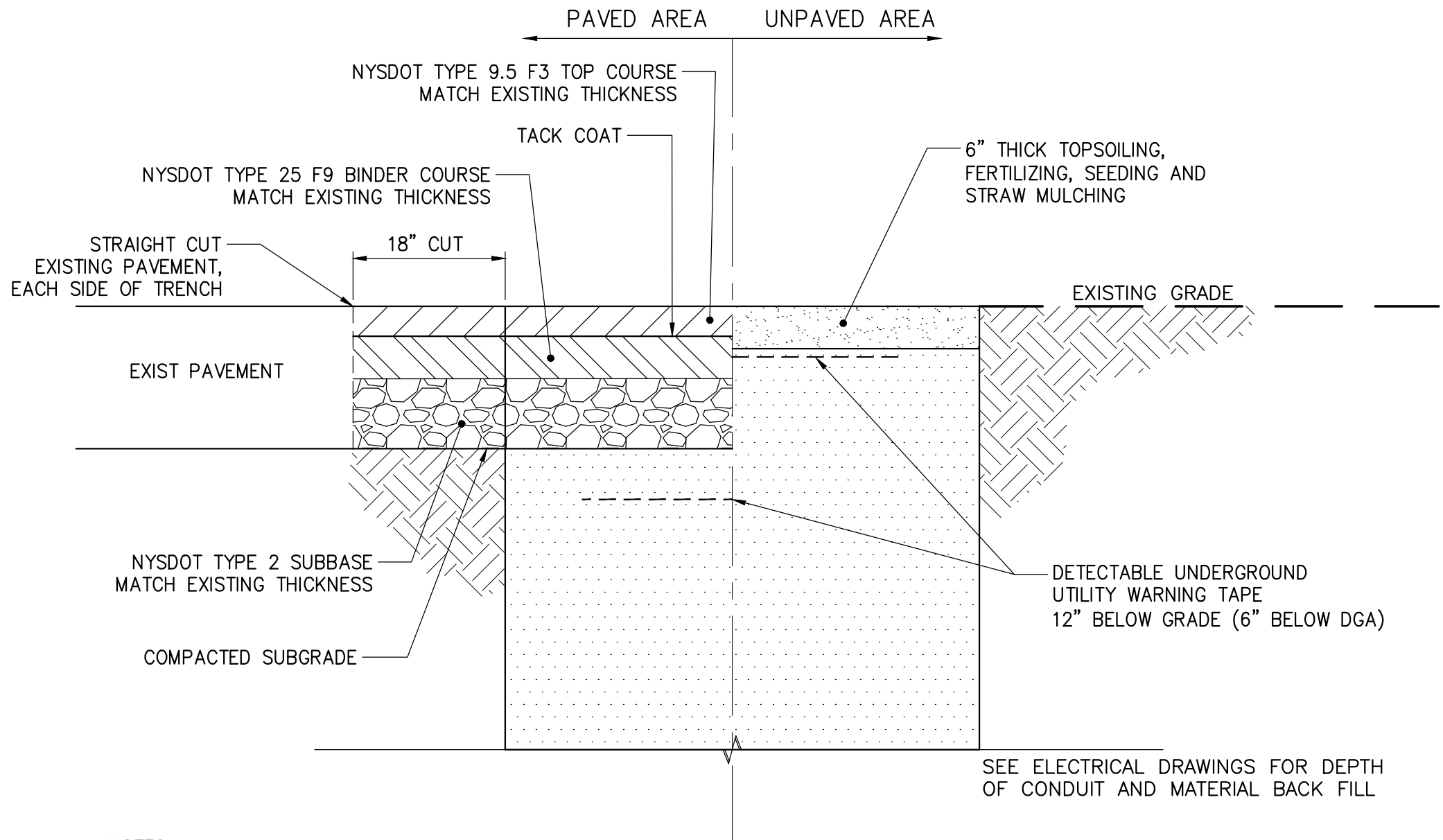
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Sheet 05 of 06

GENERAL NOTES:

- THIS PROJECT SHALL INCLUDE ALL LABOR, EQUIPMENT AND MATERIALS NECESSARY TO CONSTRUCT THE PROJECT.
- THE WORK SHALL BE SCHEDULED TO PROCEED CONTINUOUSLY UNTIL COMPLETION. IF THE WORK IS STOPPED BECAUSE OF ADVERSE WEATHER OR OTHER CONDITIONS ALL EXPOSED EXCAVATIONS AND FILL SHALL BE PROTECTED AGAINST EROSION AT NO ADDITIONAL COST TO THE OWNER.
- ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES, STANDARDS, ORDINANCES, RULES, AND REGULATIONS, AS THEY MAY APPLY.
- EXISTING PROPERTY LINES, STREET LINES AND RIGHT-OF-WAY LINES SHOWN ARE BASED UPON COMPILED DATA AND MAPS OF RECORD AND AS SUCH, ARE APPROXIMATE AND INTENDED FOR GENERAL INFORMATION ONLY.
- TREES, BUSHES, UTILITY POLES, AND OVERHEAD UTILITY LINES ARE NOT ALWAYS INDICATED ON THE PLANS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO FAMILIARIZE HIMSELF WITH THE EXISTING FIELD CONDITIONS TO DETERMINE EXACT LOCATIONS.
- THE LOCATIONS OF ALL EXISTING UTILITIES AND DRAINAGE STRUCTURES ARE APPROXIMATE. CONTRACTOR SHALL DETERMINE EXACT LOCATION OF ALL EXISTING UTILITIES, BEFORE COMMENCING WORK. CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE UNDERGROUND UTILITIES.
- THE ENGINEER AND OWNER SHALL BE NOTIFIED IN WRITING OF ANY CONDITIONS THAT VARY FROM THOSE SHOWN ON THE PLANS. THE CONTRACTOR'S WORK SHALL NOT VARY FROM THE PLANS WITHOUT THE EXPRESSED APPROVAL OF THE ENGINEER.
- THE CONTRACTOR SHALL PROPERLY NOTIFY ALL UTILITY COMPANIES AND REQUEST UTILITY MARKOUTS WITHIN THE PROJECT LIMITS BEFORE COMMENCING ANY WORK.
- THE CONTRACTOR IS HEREBY NOTIFIED THAT HE SHALL BE IN COMPLIANCE AT ALL TIMES WITH THE REQUIREMENTS OF THE HIGH-VOLTAGE PROXIMITY ACT CONCERNING THE LOCATION AND OPERATION OF ANY EQUIPMENT ADJACENT TO OR IN THE VICINITY OF ANY UTILITY LINES.
- THE COST OF WORK TO SUPPORT, PROTECT, AND REPAIR THE UTILITY SHALL BE BORNE BY THE CONTRACTOR. ALL UTILITY LINES DAMAGED BY THE CONTRACTOR SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER AND THE PERTINENT UTILITY COMPANY IMMEDIATELY.
- OVERHEAD AND UTILITY LINES, OR GUY LINES, WHICH REQUIRE TEMPORARY RELOCATION DUE TO THE CONTRACTOR'S WORK, SHALL BE RELOCATED AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL MAINTAIN FLOW FOR ALL EXISTING UTILITIES.
- THE CONTRACTOR SHALL SUBMIT A CONSTRUCTION STAGING/SEQUENCE OF WORK PLAN TO THE OWNER FOR REVIEW AND APPROVAL, WITHIN 14 CALENDAR DAYS OF THE AWARD OF THIS CONTRACT.
- ANY PROPERTY CORNER OR MONUMENT REMOVED DURING THE WORK SHALL BE REPLACED BY A NYS LICENSED SURVEYOR AT THE CONTRACTOR'S EXPENSE.
- THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY OR THE SAFETY OF CONSTRUCTION PERSONNEL OR TRANSIENTS, WHICH ARE THE RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL TAKE GREAT CARE TO MAINTAIN A SAFE AND SECURE WORK AREA AT ALL TIMES THROUGH THE USE OF BARRICADES AND SAFETY FENCE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING AND THE MAINTENANCE OF SURFACE DRAINAGE DURING THE COURSE OF WORK.
- THE CONTRACTOR SHALL RESTORE LAWNS, DRIVEWAYS, CULVERTS, SIGNS, SHRUBS, FENCING, WALKWAYS, MAILBOXES, AND OTHER PUBLIC OR PRIVATE PROPERTY DAMAGED OR REMOVED TO AT LEAST AS GOOD A CONDITION AS BEFORE BEING DISTURBED, AS DETERMINED BY THE ENGINEER. ANY DAMAGE BY THE CONTRACTOR, OR CAUSED BY THE CONTRACTOR'S NEGLIGENCE, SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- SEEDING AND GRADING LIMITS SHALL INCLUDE ALL AREAS WHICH ARE PART OF THE NEW CONSTRUCTION, ALL AREAS DISTURBED BY CONSTRUCTION PROCEDURES, EQUIPMENT OR VEHICLES.
- ALL SUITABLE TOPSOIL FROM DISTURBED AREAS SHALL BE STOCKPILED FOR USE IN SUBSEQUENT RESTORATION AND FOR ESTABLISHMENT OF PERMANENT GRASS GROWTH.
- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR DETERMINING ALL CONSTRUCTION MEANS AND METHODS FOR PROPER COMPLETION OF THE ENTIRE PROJECT.
- THE CONTRACTOR SHALL OBTAIN ALL PERMITS, INSPECTIONS, CERTIFICATES, ETC. WHICH ARE REQUIRED BY LAW TO BE OBTAINED BY THE CONTRACTOR. THE CONTRACTOR SHALL PAY ALL CHARGES AND FEES, AND FURNISH ANY BONDS AND INSURANCE, REQUIRED BY THOSE PERMITS. SEE CONTRACT DOCUMENTS FOR A COMPLETE DESCRIPTION.
- THE PLANS DO NOT SHOW SUBSURFACE STRUCTURES, ABOVEGROUND STRUCTURES AND/OR UTILITIES BELIEVED TO EXIST IN THE WORKING AREA. IN PARTICULAR, THE CONTRACTOR IS WARNED THAT THE EXACT OR EVEN APPROXIMATE LOCATION OF UTILITIES, SUBSURFACE STRUCTURES AND/OR UTILITIES IN THE AREA MAY BE DIFFERENT FROM THAT SHOWN OR MAY NOT BE SHOWN, AND IT SHALL BE HIS RESPONSIBILITY TO PROCEED WITH GREAT CARE IN EXECUTING ANY WORK. 48 HOURS BEFORE DIGGING, DRILLING OR BLASTING, CALL UNDERGROUND UTILITY LOCATION SERVICE 800-962-7962.
- THE CONTRACTOR SHALL COMPLY WITH ALL REQUIRED PERMITS.
- THE CONTRACTOR SHALL MAINTAIN THE WORK AREA IN A CLEAN AND SAFE CONDITION AT ALL TIMES. THE STREET SHALL BE SWEEP CLEAN AND WATERED DOWN AT THE END OF EACH DAY. DUST SHALL BE SUPPRESSED TO THE SATISFACTION OF THE ENGINEER. NO SEPARATE COST WILL BE MADE FOR CLEANING.

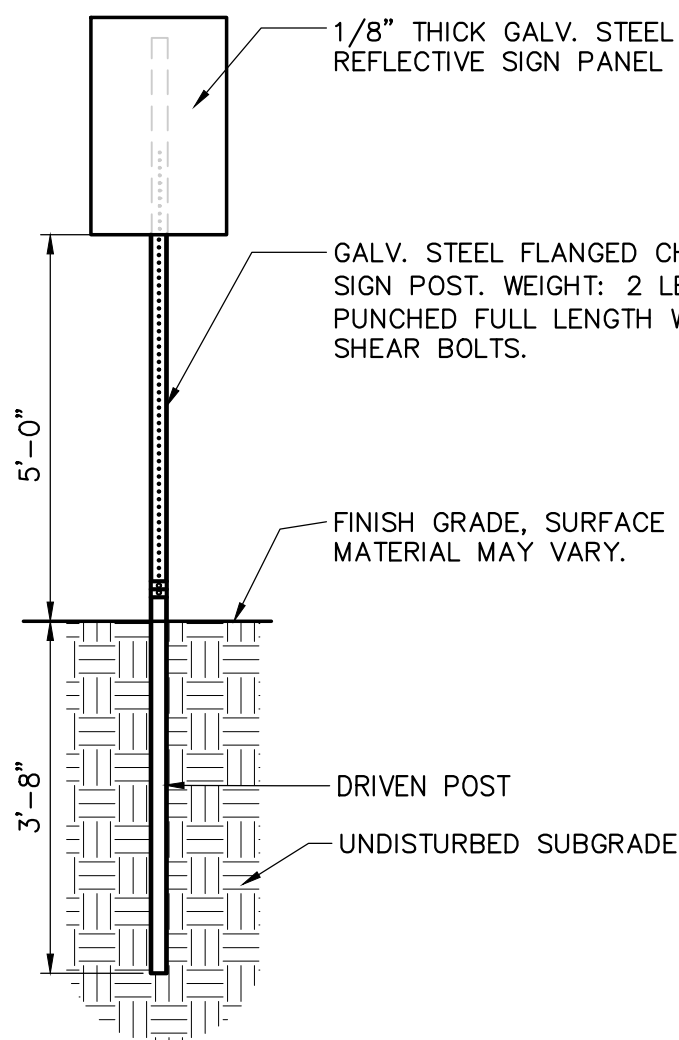
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO EXAMINE ALL PLAN SHEETS AND SPECIFICATIONS PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY ERRORS OR DISCREPANCIES.
- THE CONTRACTOR SHALL CONDUCT EXPLORATORY TEST PITS AS REQUIRED TO VERIFY UNDERGROUND CONDITIONS.
- ALL TRENCH EXCAVATION AND REQUIRED SHEETING AND SHORING SHALL BE DONE IN ACCORDANCE WITH THE LATEST OSHA REGULATIONS FOR CONSTRUCTION.
- BEFORE CONSTRUCTING LINES TO CONNECT TO EXISTING UTILITIES OR UTILITIES INSTALLED UNDER OTHER CONTRACTS, VERIFY EXISTING UTILITY INVERTS AND NOTIFY ENGINEER IF ANY VARIATION FROM THE PLANS IS REQUIRED.
- CONTRACTOR TO GRADE ALL AREAS ON THE SITE TO PROVIDE POSITIVE DRAINAGE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL FIELD LAYOUT. THE CONTRACTOR SHALL PROVIDE MARKED-UP AS-BUILT PLANS FOR ALL UTILITIES. AS-BUILT PLANS SHALL BE REVIEWED BY THE OWNER AND HIS REPRESENTATIVES, AND THE CONTRACTOR SHALL PROVIDE ANY CORRECTIONS OR OMISSIONS TO THE SATISFACTION OF THE OWNER AND HIS REPRESENTATIVES BEFORE UTILITIES WILL BE ACCEPTED.
- THE CONTRACTOR SHALL EXERCISE CAUTION WHEN OPERATING CONSTRUCTION EQUIPMENT OVER NEW UTILITY TRENCHES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PLACING A MINIMUM OF TWO FEET OF COVER OVER UTILITY LINES PRIOR TO OPERATION OF TRACKED VEHICLES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LEGAL DISPOSAL OF ALL EXCESS MATERIALS EXCAVATED (AS UNCLASSIFIED) AT CONTRACTOR'S EXPENSE. THE OWNER IS NOT OBLIGATED TO SUPPLY A DISPOSAL SITE. THE CONTRACTOR MUST NOT DEPOSIT EXCESS MATERIALS WITHIN MUNICIPAL LIMITS WITHOUT EXPRESS PERMISSION OF THE ENGINEER. ALL EXCAVATED MATERIAL NOT INTENDED FOR REUSE SHALL BE REMOVED FROM THE WORK AREA BY THE END OF EACH WORK DAY.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL SOIL EROSION CONTROL ON THIS PROJECT.
- OWNER OR ITS REPRESENTATIVES RESERVES THE RIGHT TO EXAMINE ANY WORK DONE ON THIS PROJECT AT ANY TIME TO DETERMINE THE CONFORMANCE WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS OF THIS PROJECT, AS INTENDED AND INTERPRETED BY THE ENGINEER.



- NOTES:
- CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS ON SITE IN ACCORDANCE WITH THE FOLLOWING AND CONFORMING TO THE DETAILS ABOVE.
 - PAVEMENT SHALL BE RESTORED TO A LIMIT OF 18\"/>
 - SIDEWALK SHALL BE REMOVED TO THE NEXT JOINT BEYOND THE LIMIT OF DISTURBANCE AND REPLACED IN ACCORDANCE WITH THE DETAILS PROVIDED.
 - ALL DISTURBED LAWN AREAS SHALL BE GRADED TO PROVIDE POSITIVE DRAINAGE. TOP SOIL, SEEDING AND MULCH SHALL BE PROVIDED IN ACCORDANCE WITH THE DETAILS AND SPECIFICATIONS PROVIDED.

TYPICAL RESTORATION DETAIL

SCALE: N.T.S.

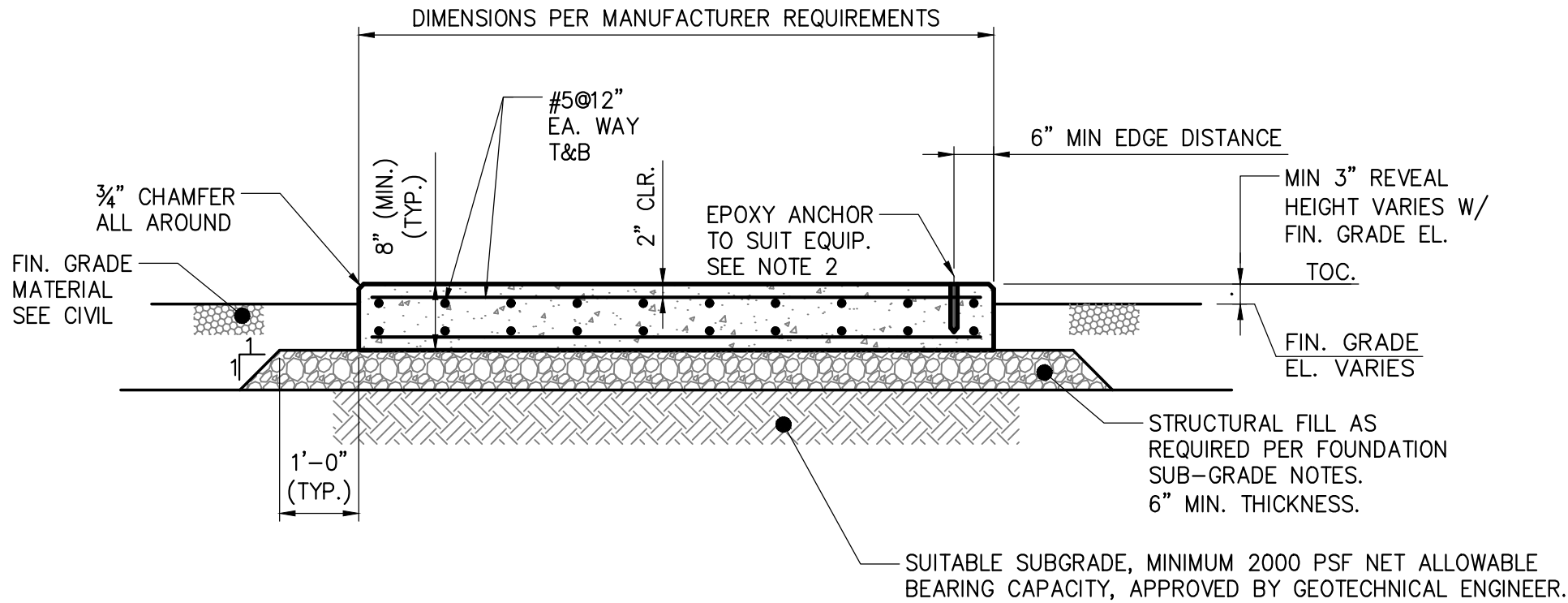


- NOTES:
- ALL MATERIALS AND INSTALLATION SHALL CONFORM TO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION (UNLESS NOTED OTHERWISE).
 - ALL SIGNS SHALL BE MIN. 18\"/>
 - U-CHANNEL POSTS TO BE USED FOR ALL SIGNS WITHIN RIGHT-OF-WAY AND SHALL BE DRIVEN INTO GROUND.
 - WHERE TWO SIGNS ARE TO BE INSTALLED ON ONE POST, THE BOTTOM SIGN SHALL MEET THE MINIMUM HEIGHT REQUIREMENTS.
 - ALIGN PARKING SIGNS WITH CENTER OF PARKING SPACE UNLESS OTHERWISE SHOWN.
 - SIGN SHOP DRAWINGS TO BE SUBMITTED AND APPROVED BY OWNER.

SIGN POST INSTALLATION DETAIL

SCALE: N.T.S.

| SIGN TABLE | | | |
|------------|-------------|----------------|----------|
| SIGN NO. | DESCRIPTION | M.U.T.C.D. NO. | QUANTITY |
| A | | T5827-A8C | 4 |



- NOTES:
- USE HILTI EPOXY ANCHORS FOR ALL EQUIPMENT. SELECT SIZE AND QUANTITY TO SUIT EQUIPMENT. ANCHOR SPECIFICATIONS AS FOLLOWS:
 - ADHESIVE: HILTI HIT-HY 200
 - ANCHOR: HAS-V-36 GALV.
 - EMBEDMENT: 8\"/>
 - COORDINATE ANCHOR EDGE DISTANCE WITH MANUFACTURER.
 - FOUNDATION TO BE CAST IN PLACE OR APPROVED PRECAST DESIGN; SHOP DRAWING TO BE PROVIDED.

EV CHARGING FOUNDATION DETAIL

SCALE: N.T.S.

BLDG LOCATION:
1045 7TH NORTH STREET
LIVERPOOL, NY 13088



IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY FOLLOWING OF THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION."

| No. | Submittal / Revision | Appr | By | Date |
|-----|----------------------|------|----|------|
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100% CONSTRUCTION DOCUMENTS

JT SC 3/10/25

CIVIL DETAILS

| | | |
|------------------------|------------------------|--------------------|
| Designed By: STC | Drawn By: STC | Checked By: JT |
| Issue Date: 3/10/25 | Project No.: 089835 | Scale: AS SHOWN |