

City of Port Huron

St. Clair County, Michigan

Fire Station No. 4 Building Improvements

(3114 24TH STREET)



UTILITY CONTACTS

| COMPANY | ADDRESS |
|--|--|
| SEMCO Energy (Gas) | Jim Taylor 2220 16th Street Port Huron, Michigan 48060 (810)-887-5004 jim.taylor@semcoenergy.com |
| DTE Energy (Electric) | Miriam Hernandez 43230 Elizabeth Street Clinton Township, Michigan 48038 (313) 269-4423 miriam.hernandez@dteenergy.com |
| DTE Energy (Street Lighting) | Reginald Brown 43230 Elizabeth Street Clinton Township, Michigan 48038 (313) 300-3693 reginald.b.brown@dteenergy.com |
| AT&T Michigan (Telephone) | Glen Sowinski 2020 Bancroft Port Huron, Michigan 48060 (810) 984-7018 g25564@att.com |
| Comcast Corporation (Cable & Communications) | Warren Setty 25626 Telegraph Road Southfield, Michigan 48034 (517) 204-8081 warren_setty@cable.comcast.com |
| Port Huron DPW | Eric C. Witter, P.E. 100 McMorran Blvd. Port Huron, MI 48060 (810) 984-9730 wittere@porthuron.org |
| Port Huron Fire Department | Corey Nicholson 100 McMorran Blvd. Port Huron, MI 48060 (810) 984-9750 nicholsc@porthuron.org |
| Port Huron Police Department | Brian Kerrigan 100 McMorran Blvd. Port Huron, MI 48060 (810) 984-9710 |

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DESIGN & CONSTRUCTION STANDARD

THE IMPROVEMENTS COVERED BY THESE PLANS SHALL BE PERFORMED IN ACCORDANCE WITH THE MICHIGAN DEPARTMENT OF TRANSPORTATION 2020 STANDARD SPECIFICATIONS FOR CONSTRUCTION AND THE CITY OF PORT HURON STANDARD DETAILS UNLESS MODIFIED BY A SPECIAL PROVISION.

ALL TRAFFIC CONTROL DEVICES SUCH AS LIGHTED ARROW BOARDS, PLASTIC DRUMS, BARRICADES, TEMPORARY SIGNAGE, AND LANE CLOSURES SHALL BE IMPLEMENTED IN ACCORDANCE WITH THE 2025 MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND THE SUPPLEMENTARY MAINTAINING TRAFFIC SPECIAL PROVISION.

PROJECT DESCRIPTION

THIS PROJECT CONSISTS OF RENOVATIONS AND REPAIRS TO THE EXISTING FIRE STATION APPARATUS BAY AND SURROUNDING EXTERIOR AREAS. WORK INCLUDES REMOVAL AND REPLACEMENT OF THE CONCRETE DRIVEWAY AND SELECT SIDEWALKS, REPLACEMENT OF EXISTING ROOFING WITH NEW DIMENSIONAL SHINGLES, AND REROUTING AND REPLACEMENT OF DOWNSPOUTS AND OTHER MISCELLANEOUS RELATED ITEMS OF WORK.

"I HEREBY CERTIFY THESE PLANS HAVE BEEN PREPARED UNDER MY DIRECT SUPERVISION IN ACCORDANCE WITH ACT 240, PUBLIC ACTS OF 1937 AS AMENDED- STATE OF MICHIGAN."

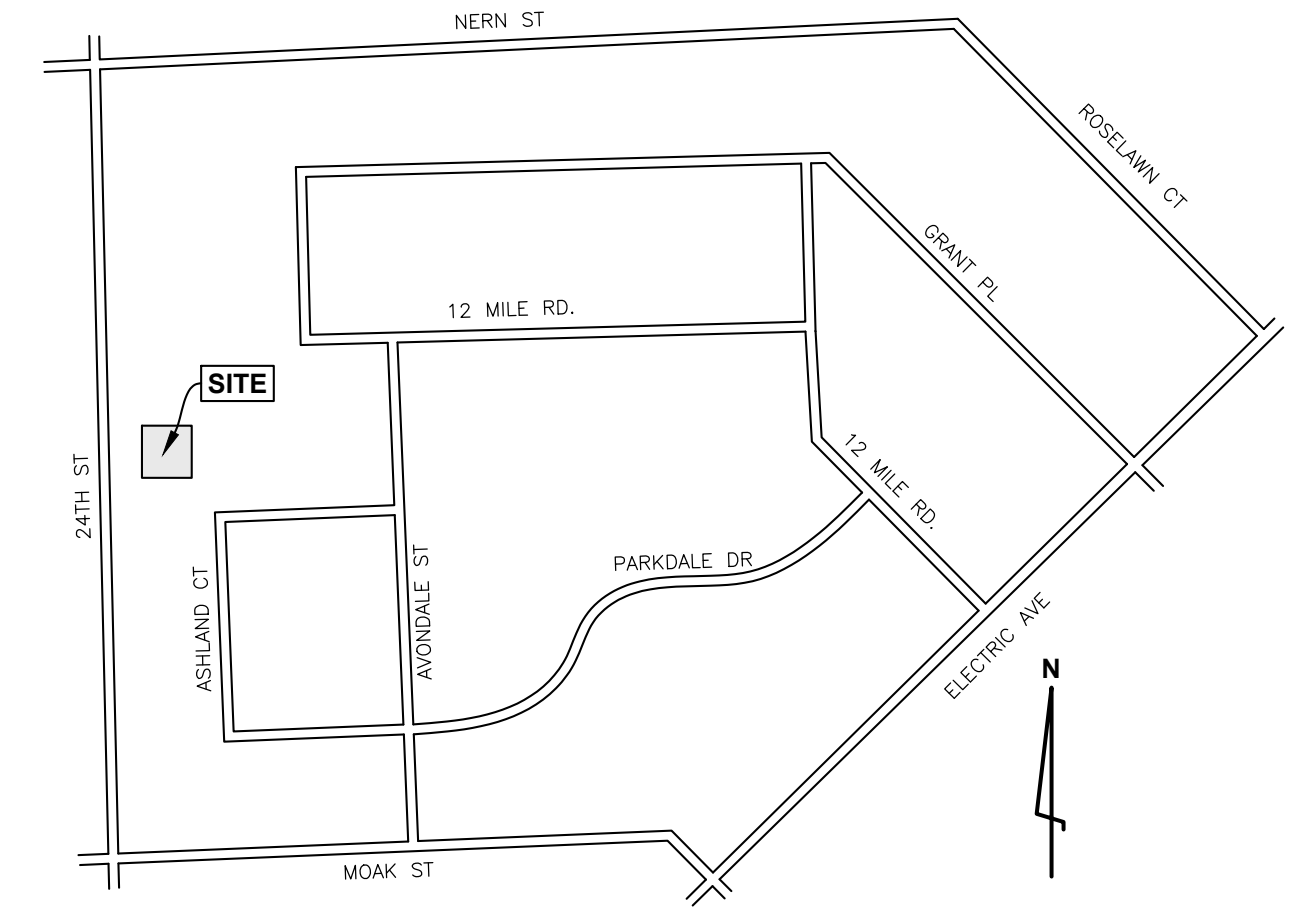
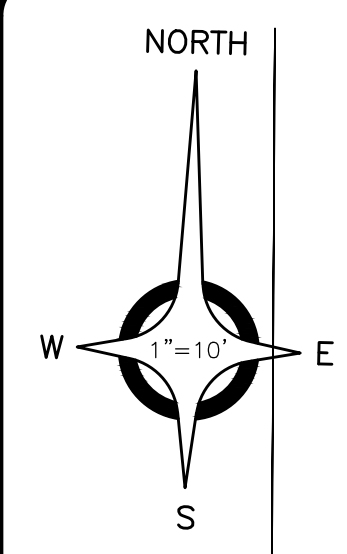


SYDNEY A. KANAN, P.E. No. 6201068842
March 27, 2026
DATE

PORT HURON PROJECT NO. P26-0010



ANDERSON, ECKSTEIN AND WESTRICK, INC.
CIVIL ENGINEERS SURVEYORS ARCHITECTS



LOCATION MAP
NOT TO SCALE

REMOVAL NOTES:

- NO ATTEMPT IS MADE TO STIPULATE EVERY REQUIRED ITEM OF REMOVAL AND DEMOLITION EITHER ON DRAWINGS OR IN SPECIFICATIONS. VISIT THE SITE AND STUDY EXISTING PHYSICAL CONDITIONS, REVIEW DRAWINGS, AND REACH CONCLUSIONS ON WORK NECESSARY TO ACCOMPLISH INTENDED RESULTS DESCRIBED BY THE PROJECT DOCUMENTS.
- ALL DEMOLITION WORK SHALL CONFORM TO GOVERNING AGENCY DESIGN STANDARDS AND SPECIFICATIONS. COMPLY WITH OSHA REGULATIONS INsofar AS THEY APPLY TO THE REQUIRED WORK.
- SOIL EROSION AND SILTATION CONTROL MEASURES MUST BE IN PLACE PRIOR TO STARTING REMOVALS AND EARTH MOVING OPERATIONS. THESE CONTROL MEASURES SHALL CONFORM IN ALL RESPECTS TO GOVERNING AGENCY REQUIREMENTS.
- PROVIDE A DESIGNATED AREA (TO BE APPROVED BY OWNER) FOR STORAGE OF MATERIALS, EQUIPMENT AND PARKING OF THE REQUIRED EQUIPMENT. DESIGNATE A TRAFFIC LANE FOR INGRESS AND EGRESS FROM THE WORK AREA. IF REQUIRED, PROVIDE FLAG MEN FOR A SAFE AND EFFICIENT MOVEMENT OF VEHICLES. NO CHANGES TO THE WORK AREA OR TO THE AGREED TRAFFIC PATTERN SHALL BE MADE WITHOUT PRIOR APPROVAL OF THE OWNER CONSTRUCTION MANAGER. THE CONSTRUCTION MANAGER WILL SECURE THE APPROVAL FOR SUCH CHANGES.
- COMPLETELY RESTORE ALL DISTURBED AREAS TO A CONDITION EQUAL TO OR BETTER THAN EXISTING CONDITION AND TO THE SATISFACTION OF THE OWNER AND MUNICIPALITY. ALL COSTS FOR CLEAN-UP, RESTORATION WORK AND OTHER IMMEDIATE OPERATIONS SUCH AS, BUT NOT LIMITED TO, CONSTRUCTION SIGNAGE, STREET SWEEPING, AND MAINTAINING EXISTING UTILITIES SHALL BE THE CONTRACTOR'S RESPONSIBILITY. PERFORM RESTORATION WORK WITHIN 5 DAYS AFTER COMPLETION OF FINAL GRADING.
- WHERE EXISTING PAVEMENT IS TO BE PARTIALLY REMOVED, SAWCUT PAVEMENT FULL DEPTH TO PROVIDE A SMOOTH JOINT WITH PROPOSED PAVEMENT.
- SAWCUT FULL DEPTH AND REMOVE EXISTING ASPHALT PAVEMENT AS NEEDED TO INSTALL NEW CONCRETE CURBING, WALKS, UNDERGROUND UTILITIES OR NEW BUILDINGS. SAWCUTS SHALL BE MADE A MINIMUM OF 1' BEYOND THE ACTUAL NEW CURB OR WALK LIMITS OR AT THE EXISTING NEAREST JOINT.
- REMOVE ALL EXISTING UTILITY PIPING SERVICES WITHIN THE DESIGNATED WORK AREA UNLESS OTHERWISE INDICATED ON THE PLANS. DISCONNECT FROM PUBLIC UTILITIES IN ACCORDANCE WITH UTILITY OWNER'S REQUIREMENTS.
- PROMPTLY REMOVE ALL DEMOLITIONS, REMOVALS, RUBBISH, AND DEBRIS FROM THE LIMITS OF THE OWNER'S PROPERTY AND DISPOSE IN A LEGAL MANNER.
- EXCAVATIONS AND HAZARDOUS AREAS SHALL BE PROTECTED BY BARRICADES. BARRICADES LEFT IN PLACE AT NIGHT SHALL BE LIGHTED.
- RESTORE AT CONTRACTOR'S EXPENSE ANY STRUCTURES, PIPE, UTILITY, PAVEMENT, CURBS, SIDEWALKS, LANDSCAPED AREAS, ETC. WITHIN THE SITE OR ADJOINING PROPERTIES DISTURBED DURING DEMOLITION OR CONSTRUCTION TO THEIR ORIGINAL CONDITION OR BETTER, AND TO THE SATISFACTION OF THE OWNER AND LOCAL MUNICIPALITY. ALL WORK WITHIN A D.O.T RIGHT-OF-WAY SHALL COMPLY WITH ALL D.O.T STANDARDS.
- THE WORK INCLUDED SHALL BE PERFORMED AS INDICATED ON THE PLANS. STOCKPILING, STORAGE OF MATERIALS AND ACCESS TO THE SITE SHALL BE COORDINATED WITH THE OWNER.
- PRESERVE ALL SURVEY STAKES AND PROPERTY LINE MONUMENTS. ANY STAKES OR MONUMENTS DESTROYED OR DISTURBED IN THE COURSE OF WORK SHALL BE RESTORED OR REPLACED AT THE CONTRACTOR'S EXPENSE.
- ALL EXCAVATION IS CONSIDERED UNCLASSIFIED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MEANS, METHODS, AND MATERIALS OF CONSTRUCTION TO COMPLETE CONSTRUCTION AS DESIGNED. ADDITIONALLY, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE OFF-SITE DISPOSAL OF ANY AND ALL EXCESS OR UNSUITABLE MATERIAL AND THE IMPORTATION OF ANY BORROW MATERIAL NECESSARY TO COMPLETE THE JOB.
- OWNER RESERVES THE RIGHT TO SALVAGE EXISTING MATERIALS. COORDINATE DISPOSAL OF MATERIALS WITH OWNER.
- BACKFILL TRENCHES RESULTING FROM UNDERGROUND UTILITY REMOVAL WITH CL-II SAND COMPACTED TO 95% MAX. UNIT WEIGHT.

NOTE:
CONTRACTOR IS RESPONSIBLE FOR THE STAKING OF ALL EXISTING UNDERGROUND CABLE, ELECTRICAL SERVICES AND IRRIGATION SYSTEMS WITHIN THE PROJECT LIMITS.

IN ADDITION, MISS DIG SHALL BE CONTACTED FOR ALL MAJOR SERVICES WITHIN THE PROJECT LIMITS.

ESTIMATED REMOVAL QUANTITIES (THIS SHEET)

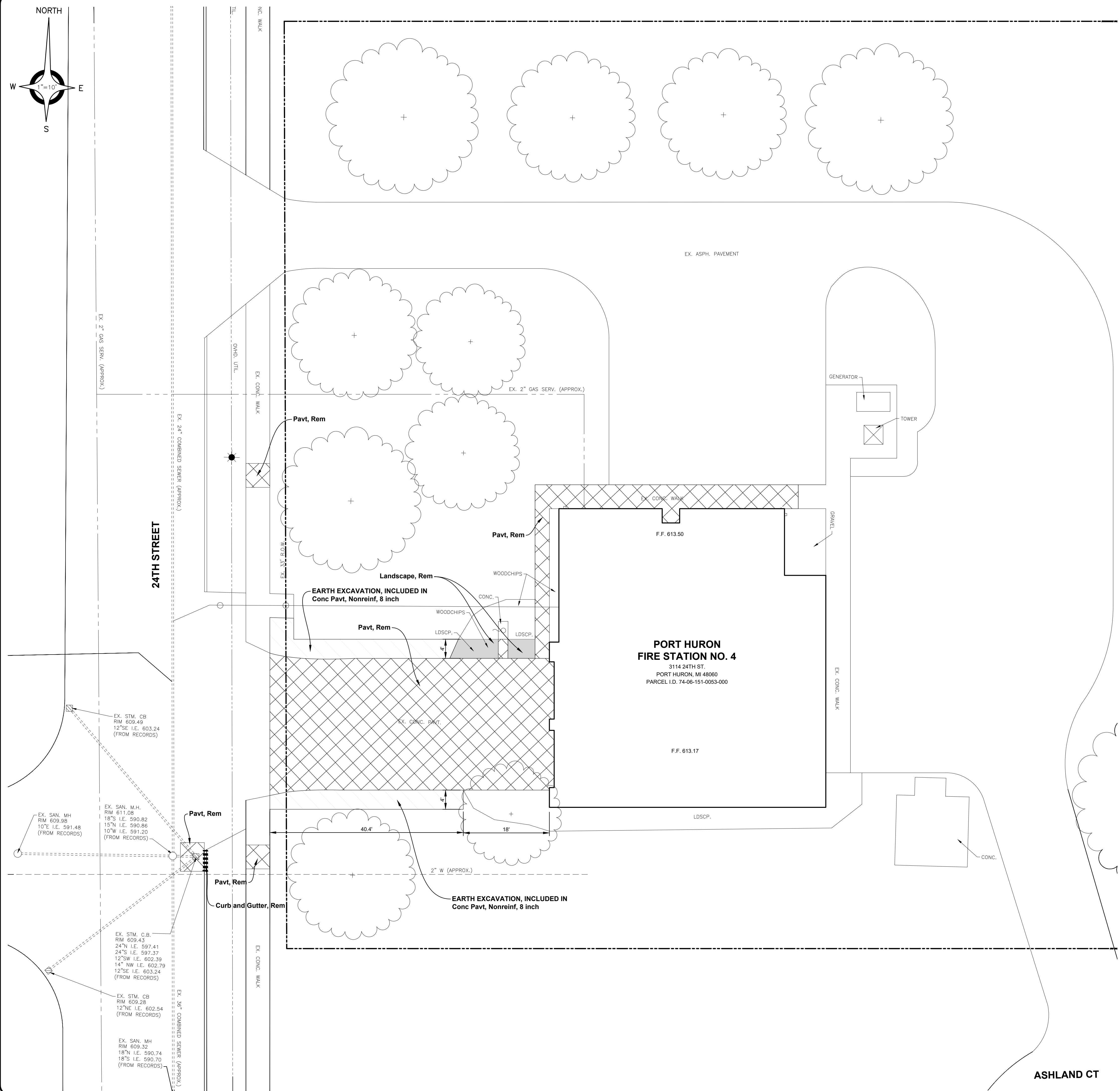
| | |
|-------------------------|--------|
| 1. Pavt, Rem | 233 SY |
| 2. Landscape, Rem | 1 LS |
| 3. Curb and Gutter, Rem | 5 Ft |

LEGEND

- SIGN
- FLAG POLE
- DOWNSPOUT
- LIGHT POLE
- STORM CATCH BASIN (PAVT)
- STORM MANHOLE

REMOVAL LEGEND

- REMOVE EXIST. CONC. PAVT.
- REMOVE LANDSCAPE
- EARTH EXCAVATION
- REMOVE EXIST. CONC. CURB & GUTTER



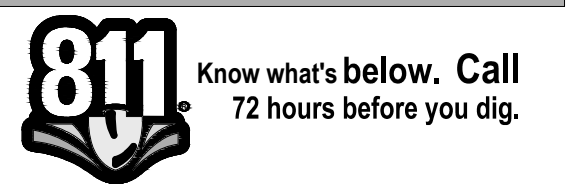
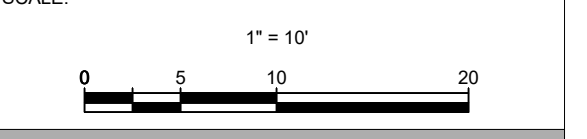
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|------------|----------------------|
| 03/27/2026 | BID SET |
| 02/24/2026 | 90% CD |
| DATE | SUBMITTALS/REVISIONS |

PROJECT NAME:
FIRE STATION NO. 4 BUILDING IMPROVEMENTS

SHEET TITLE:
REMOVAL PLAN

CLIENT:
 CITY OF PORT HURON

| | | |
|--------------------------------------|--|---------------------------------|
| <input type="checkbox"/> PRELIMINARY | <input checked="" type="checkbox"/> CONSTRUCTION | <input type="checkbox"/> RECORD |
| DRAWN BY: J. SYEGCO | DESIGNED BY: J. SYEGCO | DATE: MARCH 2026 |
| CHECKED BY: S. KANAN | | |



UTILITY INFORMATION, AS SHOWN, INDICATES APPROXIMATE LOCATIONS AND TYPES OF EXISTING FACILITIES ONLY, AS DISCLOSED BY RECORDS PROVIDED TO THIS FIRM FROM THE VARIOUS UTILITY COMPANIES. NO GUARANTEE IS GIVEN OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF.

PRIOR TO CONSTRUCTION, ALL LOCATIONS AND DEPTHS OF EXISTING OVERHEAD AND UNDERGROUND UTILITIES (IN CONFLICT WITH THE CONSTRUCTION OF THESE PROPOSED IMPROVEMENTS) SHALL BE VERIFIED IN THE FIELD. DURING THE CONSTRUCTION, THE CONTRACTOR SHALL PROTECT AND SUPPORT ALL UTILITIES THAT ARE ENCOUNTERED. (ALL COSTS FOR UTILITY LOCATION VERIFICATION, SUPPORT AND PROTECTION SHALL BE INCLUDED IN THE PROPOSED PAY ITEM CONFLICTING WITH THAT UTILITY).

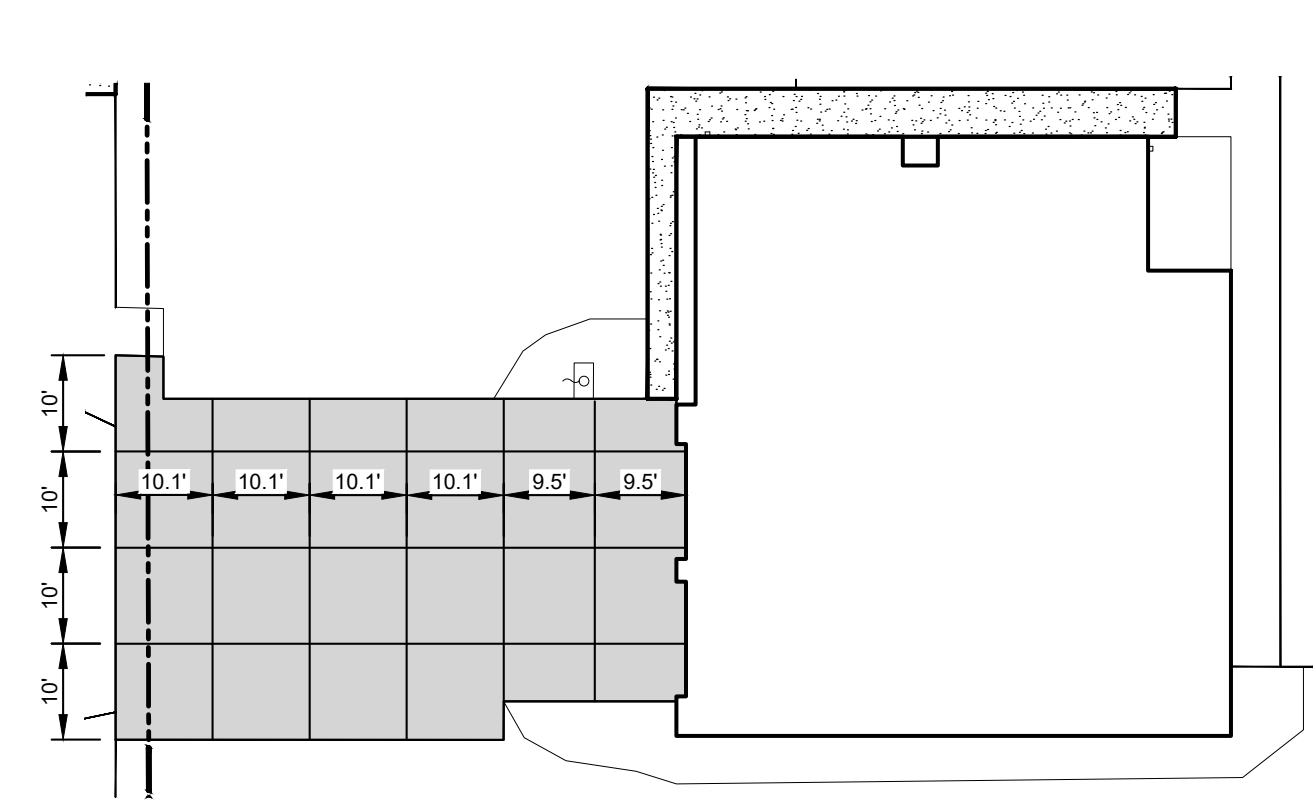
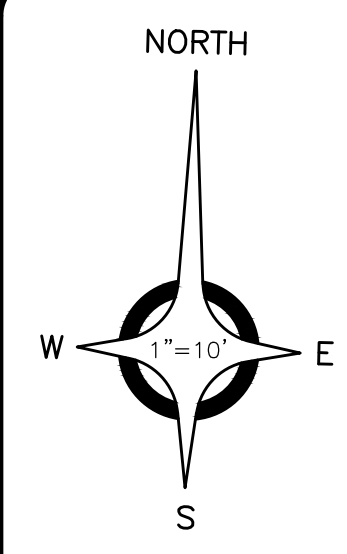
DURING CONSTRUCTION, THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN OPERATING NEAR ANY AND ALL OVERHEAD AND / OR BURIED UTILITIES.

PROJECT NO.: 0182-0011

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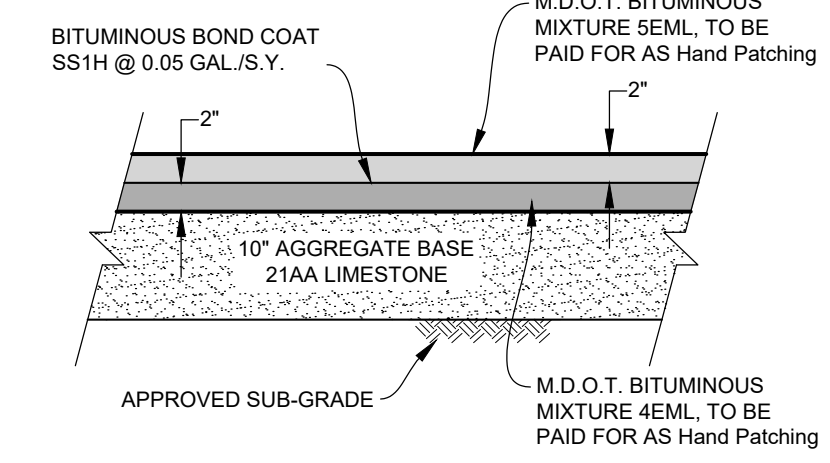
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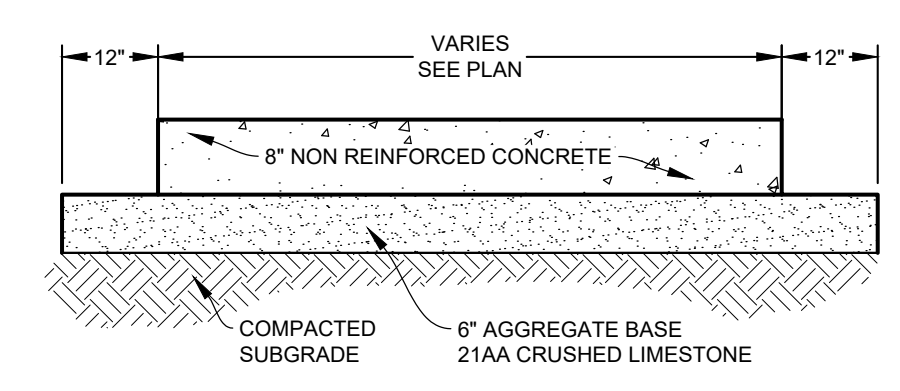


JOINTING DETAIL
SCALE: 1" = 20"

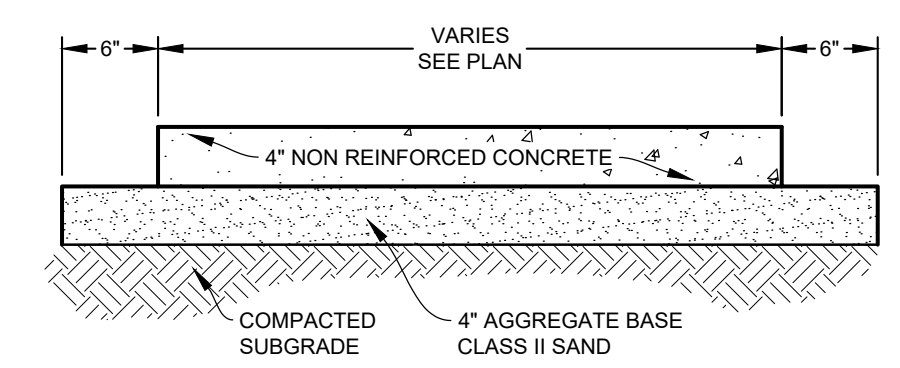
LEGEND



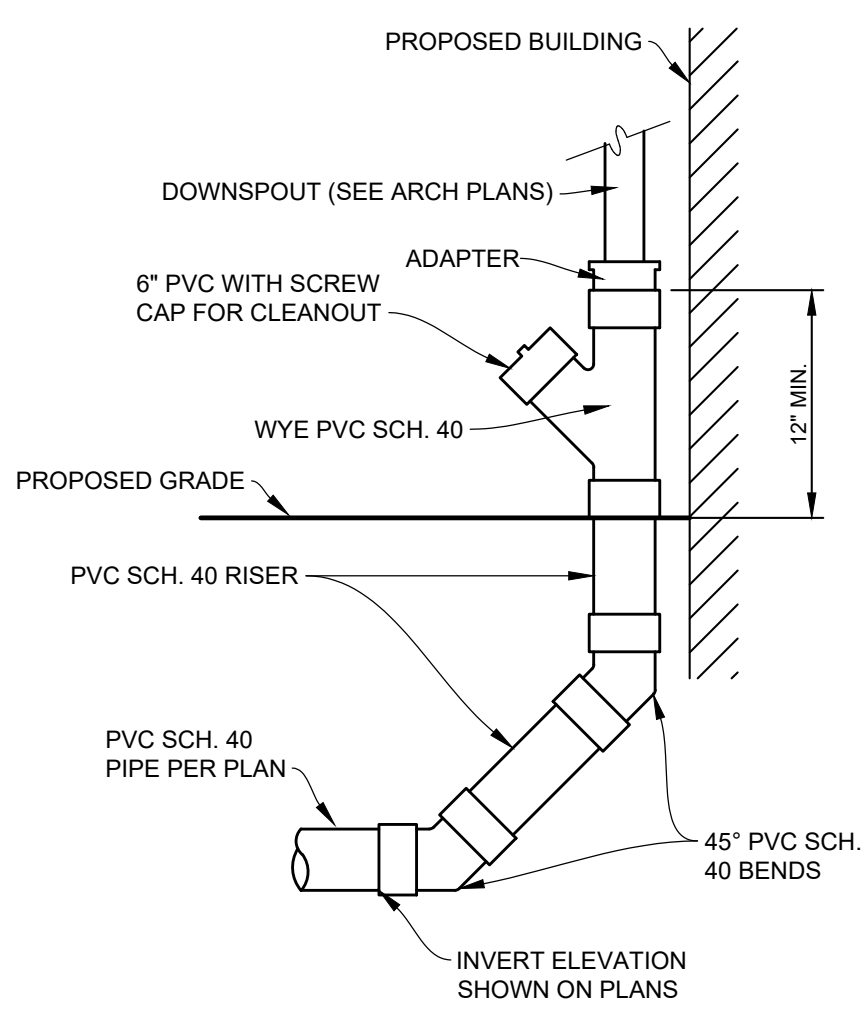
BITUMINOUS PAVEMENT SECTION
NOT TO SCALE
(STANDARD DUTY)



TYPICAL 8" CONCRETE PAVEMENT SECTION
NOT TO SCALE



TYPICAL 4" CONCRETE SIDEWALK SECTION
NOT TO SCALE



DOWNSPOUT RISER CONNECTION DETAIL
NOT TO SCALE

GENERAL CONSTRUCTION NOTES:

- THE CONTRACTOR AT ALL TIMES SHALL FOLLOW ALL FEDERAL, STATE AND LOCAL SAFETY REQUIREMENTS DURING CONSTRUCTION OF THIS PROJECT. SPECIAL CARE SHALL BE TAKEN DURING ALL TRENCHING OPERATIONS. SHEETING AND BRACING, CRIBBING, ETC., MUST BE INSTALLED AS REQUIRED TO PROVIDE MAXIMUM SAFETY TO THE CONTRACTOR'S WORKERS IN FULL COMPLIANCE WITH OSHA REGULATIONS.
- ALL CONSTRUCTION SHALL BE CONDUCTED SUCH THAT THERE WILL BE MINIMAL INTERFERENCE WITH STREETS, DRIVES OR WALKS. THE CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE OF TRAFFIC. DO NOT CLOSE OR OBSTRUCT STREETS, DRIVES OR WALKS OR USER FACILITIES WITHOUT PERMISSION FROM THE OWNER'S REPRESENTATIVE.
- CONTRACTOR SHALL KEEP EXISTING STREETS, ROADS AND DRIVES CLEAR OF DIRT, DEBRIS AND EQUIPMENT.
- CONTRACTOR SHALL BE RESPONSIBLE FOR SHORING AND FOR DEWATERING TO ACCOMPLISH ALL WORK INDICATED ON PLANS AND TO PERFORM REQUIRED COMPACTION OPERATIONS.
- REVIEW CONSTRUCTION AND PROVIDE TRAFFIC SEQUENCE AND SCHEDULE AT THE PRECONSTRUCTION MEETING WITH OWNER.
- THE CONTRACTOR SHALL VERIFY ALL SITE CONDITIONS IN THE FIELD AND CONTACT THE ENGINEER IF THERE ARE ANY QUESTIONS OR CONFLICTS REGARDING THE CONSTRUCTION DOCUMENTS AND/OR FIELD CONDITIONS SO THAT APPROPRIATE REVISIONS CAN BE MADE PRIOR TO CONSTRUCTION. ANY CONFLICT BETWEEN DRAWINGS AND THE SPECIFICATIONS SHALL BE CONFIRMED WITH THE ENGINEER PRIOR TO BIDDING.
- THE CONTRACTOR SHALL ABIDE BY ALL OSHA, FEDERAL, STATE AND LOCAL REGULATIONS WHEN OPERATING CRANES, BOOMS, HOISTS, ETC. IN CLOSE PROXIMITY TO OVERHEAD ELECTRIC LINES. IF CONTRACTOR MUST OPERATE EQUIPMENT CLOSE TO ELECTRIC LINES, CONTACT THE POWER COMPANY TO MAKE ARRANGEMENTS FOR PROPER SAFEGUARDS.
- THE OWNER AT ITS DISCRETION RESERVES THE RIGHT TO MODIFY THE DETAILS AND STANDARDS OF CONSTRUCTION FOR ALL PRIVATE FACILITIES FROM THAT INDICATED ON THE APPROVED PLAN, PROVIDED THAT THE ALTERNATE STANDARD COMPLIES WITH LOCAL CODE AND/OR UTILITY COMPANY REQUIREMENTS AND THE GENERAL DESIGN INTENT OF THE PROJECT IS NOT COMPROMISED.
- CONTRACTOR SHALL MAINTAIN ALL TRAFFIC LANES AND PEDESTRIAN WALKWAYS AT ALL TIMES UNLESS WRITTEN APPROVAL FROM THE STATE DOT, LOCAL MUNICIPALITY, COUNTY, OR OTHER GOVERNING AUTHORITY IS RECEIVED.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER SHOULD ANY DISCREPANCY REGARDING THE PROPOSED WORK OR UNFORESEEN CONDITIONS ARISE PRIOR TO PROCEEDING FURTHER WITH THE AFFECTED WORK.
- THE CONTRACTOR SHALL PROVIDE AS-BUILT RECORDS OF ALL CONSTRUCTION INCLUDING UNDERGROUND UTILITIES TO THE ENGINEER AND OWNER FOLLOWING COMPLETION OF CONSTRUCTION ACTIVITIES.
- ALL PAVING AND AGGREGATE MATERIALS AND WORK COMPLETED SHALL BE IN STRICT ACCORDANCE WITH THE STATE DOT SPECIFICATIONS AND STANDARD DETAILS UNLESS OTHERWISE SPECIFIED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS FOR BUILDING, WALLS, CONCRETE SLABS, AND UTILITY SERVICE POINT CONNECTIONS AND NOTIFYING THE OWNER AND ENGINEER OF ANY CONFLICTS OR DISCREPANCIES PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF ALL PRODUCTS AND MATERIALS TO THE OWNER AND LOCAL UTILITY COMPANIES AS REQUIRED FOR REVIEW AND APPROVAL PRIOR TO FABRICATION OR DELIVERY TO THE SITE. ALLOW A MINIMUM OF 7 DAYS FOR REVIEW.
- THE CONTRACTOR SHALL REFERENCE ARCHITECTURAL PLANS FOR EXACT DIMENSIONS AND CONSTRUCTION DETAILS OF BUILDING, CANOPY, AND UTILITY CONNECTIONS.
- TRAFFIC CONTROL SIGNAGE SHALL CONFORM TO THE STATE DOT STANDARD DETAIL SHEETS AND THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. SIGNS SHALL BE INSTALLED PLUMB.
- FIRE LANES SHALL BE ESTABLISHED AND PROPERLY DESIGNATED IN ACCORDANCE WITH THE LOCAL MUNICIPALITY AND LOCAL FIRE DEPARTMENT REQUIREMENTS.
- THE CONTRACTOR SHALL REMOVE CONFLICTING PAVEMENT MARKINGS IN A METHOD APPROVED BY THE STATE DOT.
- AGGREGATES AND BITUMINOUS PAVEMENT MATERIAL AND INSTALLATION SPECIFICATIONS SHALL BE IN ACCORDANCE WITH STATE DOT SPECS. THE CONTRACTOR SHALL SUBMIT AGGREGATE SIEVE ANALYSIS AND A JOB-MIX FORMULA FOR THE BITUMINOUS PAVEMENT TO THE CONSTRUCTION MANAGER FOR REVIEW AND APPROVAL AT LEAST 14 DAYS PRIOR TO THE PLACEMENT OF BITUMINOUS PAVEMENTS.
- ALTERNATIVE METHODS AND PRODUCTS OTHER THAN THOSE SPECIFIED MAY BE USED IF REVIEWED AND APPROVED BY THE OWNER, ENGINEER, AND APPROPRIATE REGULATORY AGENCIES PRIOR TO INSTALLATION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION LAYOUTS AND SURVEYS REQUIRED TO PERFORM CONSTRUCTION. CADD FILE INFORMATION IS PROVIDED FOR REFERENCE ONLY.
- PROVIDE ADEQUATE BARRICADES AT DRIVES, ENTRANCES, EXCAVATIONS AND OTHER OPENINGS TO KEEP OUT UNAUTHORIZED PERSONS AND FOR PUBLIC SAFETY AND TRAFFIC CONTROL. SAFETY PROVISIONS OF APPLICABLE LAWS SHALL BE OBSERVED AT ALL TIMES. BARRICADES LEFT IN PLACE AT NIGHT SHALL BE LIGHTED.
- NO EQUIPMENT OR MATERIAL STORAGE IS PERMITTED WITHIN THE ROAD RIGHT-OF-WAY.
- CONTRACTOR'S MANNER AND METHOD OF INGRESS AND EGRESS WITH RESPECT TO THE PROJECT AREA SHALL IN NO WAY PROHIBIT OR DISTURB NORMAL PEDESTRIAN OR VEHICULAR TRAFFIC IN THE VICINITY AND IS SUBJECT TO REGULATION AND WRITTEN APPROVAL OF APPROPRIATE GOVERNING AGENCIES.
- CONSTRUCTION SHALL BE IN ACCORDANCE WITH A.D.A. REGULATIONS AS APPLICABLE.

NOTE:
CONTRACTOR IS RESPONSIBLE FOR THE STAKING OF ALL EXISTING UNDERGROUND CABLE, ELECTRICAL SERVICES AND IRRIGATION SYSTEMS WITHIN THE PROJECT LIMITS.

IN ADDITION, MISS DIG SHALL BE CONTACTED FOR ALL MAJOR SERVICES WITHIN THE PROJECT LIMITS.

NOTE:
ANY PROPOSED WORK WITHIN THE R.O.W. REQUIRES A PERMIT THROUGH THE CITY OF PORT HURON. NOTIFICATION SHALL BE GIVEN PRIOR TO THE START OF WORK.

ADDITIONALLY ANY WATER SHUT OFFS SHALL BE COORDINATED WITH THE D.P.W.

LEGEND

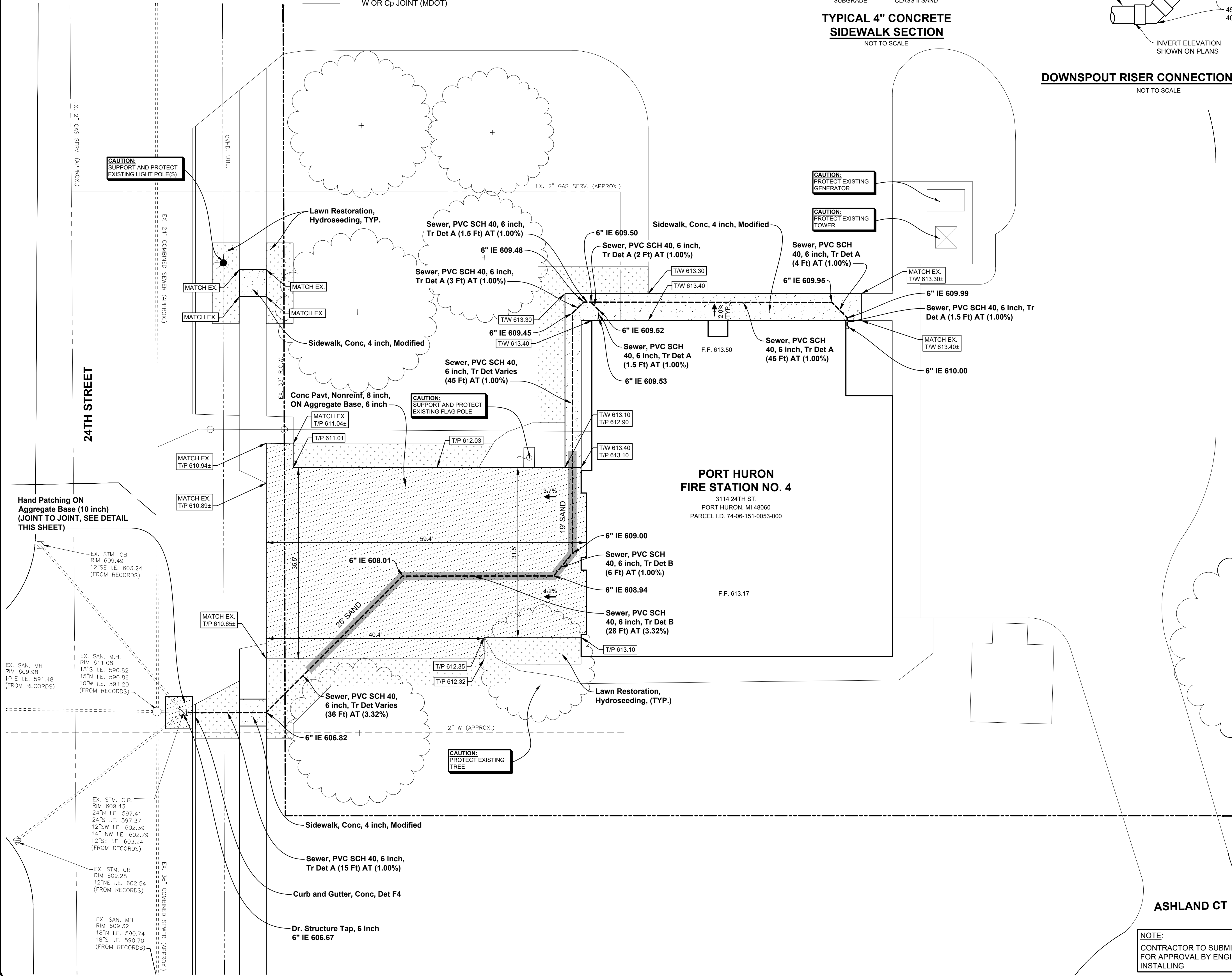
| | | | |
|--|--------------------------------|--|--|
| | Conc Pavt, Nonreinf, 8 inch | | EXIST. CATCH BASIN |
| | Sidewalk, Conc, 4 inch | | EXIST. MANHOLE |
| | Lawn Restoration, Hydroseeding | | EXIST. DOWNSPOUT |
| | | | LIMITS OF DISTURBANCE |
| | | | Sewer, PVC, 6 inch (ROOF DRAIN CONNECTION) |

ESTIMATED QUANTITIES (THIS SHEET)

| | |
|--|---------|
| 1. Conc Pavt, Nonreinf, 8 inch | 228 SY |
| 2. Aggregate Base, 21AA | 138 Ton |
| 3. Hand Patching | 8 Ton |
| 4. Sidewalk, Conc, 4 inch, Modified | 407 SF |
| 5. Sewer, PVC Sch 40, 6 inch, Tr Det A | 109 FT |
| 6. Sewer, PVC Sch 40, 6 inch, Tr Det B | 78 FT |
| 7. Dr Structure Tap, 6 inch | 1 Ea |
| 8. Curb and Gutter, Conc, Det F4 | 5 FT |
| 9. Traffic Control and Maintenance, Minor Road | 1 LS |
| 10. Lawn Restoration, Hydroseeding | 110 SY |

ASHLAND CT

NOTE:
CONTRACTOR TO SUBMIT HYDROSEED SPEC FOR APPROVAL BY ENGINEER PRIOR TO INSTALLING



ANDERSON, ECKSTEIN & WESTRICK, INC.
CIVIL ENGINEERS - SURVEYORS - ARCHITECTS

51301 Schoenherr Road
Shelby Township, MI 48315
586.726.1234 | aewinc.com

Engineering Strong Communities

| | |
|------------|----------------------|
| 03/27/2026 | BID SET |
| 02/24/2026 | 90% CD |
| DATE | SUBMITTALS/REVISIONS |

PROJECT NAME:
FIRE STATION NO. 4 BUILDING IMPROVEMENTS

SHEET TITLE:
CONSTRUCTION PLAN

CLIENT:
CITY OF PORT HURON

| | | |
|--------------------------------------|--|---------------------------------|
| <input type="checkbox"/> PRELIMINARY | <input checked="" type="checkbox"/> CONSTRUCTION | <input type="checkbox"/> RECORD |
| DRAWN BY: J. SYEGCO | DESIGNED BY: J. SYEGCO | |
| CHECKED BY: S. KANAN | DATE: FEBRUARY 2026 | |

SCALE:
1" = 10'

UTILITY INFORMATION, AS SHOWN, INDICATES APPROXIMATE LOCATIONS AND TYPES OF EXISTING UTILITIES ONLY, AS DISCLOSED BY RECORDS PROVIDED TO THIS FIRM FROM THE VARIOUS UTILITY COMPANIES. NO GUARANTEE IS GIVEN OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF.

PRIOR TO CONSTRUCTION, ALL LOCATIONS AND DEPTHS OF EXISTING OVERHEAD AND UNDERGROUND UTILITIES (IN CONFLICT WITH THE CONSTRUCTION OF THESE PROPOSED IMPROVEMENTS) SHALL BE VERIFIED IN THE FIELD. DURING THE CONSTRUCTION, THE CONTRACTOR SHALL PROTECT AND SUPPORT ALL UTILITIES THAT ARE ENCOUNTERED. CALL COSTS FOR UTILITY LOCATION VERIFICATION, SUPPORT AND PROTECTION SHALL BE INCLUDED IN THE PROPOSED PAY ITEM CONFLICTING WITH THAT UTILITY.

DURING CONSTRUCTION, THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN OPERATING NEAR ANY AND ALL OVERHEAD AND / OR BURIED UTILITIES.

PROJECT NO. 0182-0011

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SHEET NO. **C2.0**

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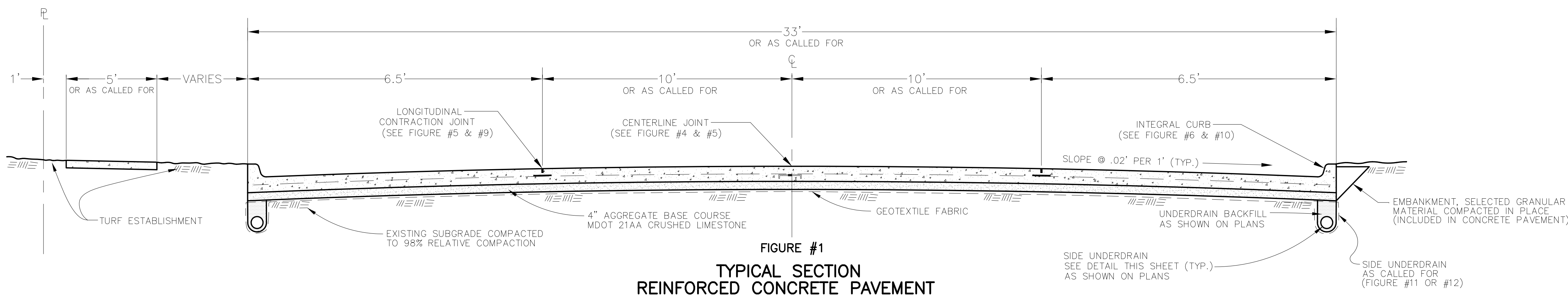


FIGURE #1
TYPICAL SECTION
REINFORCED CONCRETE PAVEMENT

- NOTES:
- 1) MESH REINFORCEMENT SHALL BE STANDARD MDOT 6X12 - 00/4 GAUGE WELDED STEEL WIRE FABRIC (A.S.T.M. DESIGNATION - A185).
 - 2) BAR MAT REINFORCEMENT SHALL BE STANDARD MDOT 7X16 - 3/8X1/4 MATS AND SHALL CONFORM TO A.S.T.M. DESIGNATION A-184.
 - 3) MESH REINFORCEMENT SHALL BE PLACED JUST ABOVE OR BELOW THE DOWEL BARS, AS DIRECTED BY ENGINEER.
 - 4) FOR LOAD TRANSFER ASSEMBLIES FOR TRANSVERSE JOINTS REFER TO MDOT STANDARD PLANS; II-40G 1 OF 2

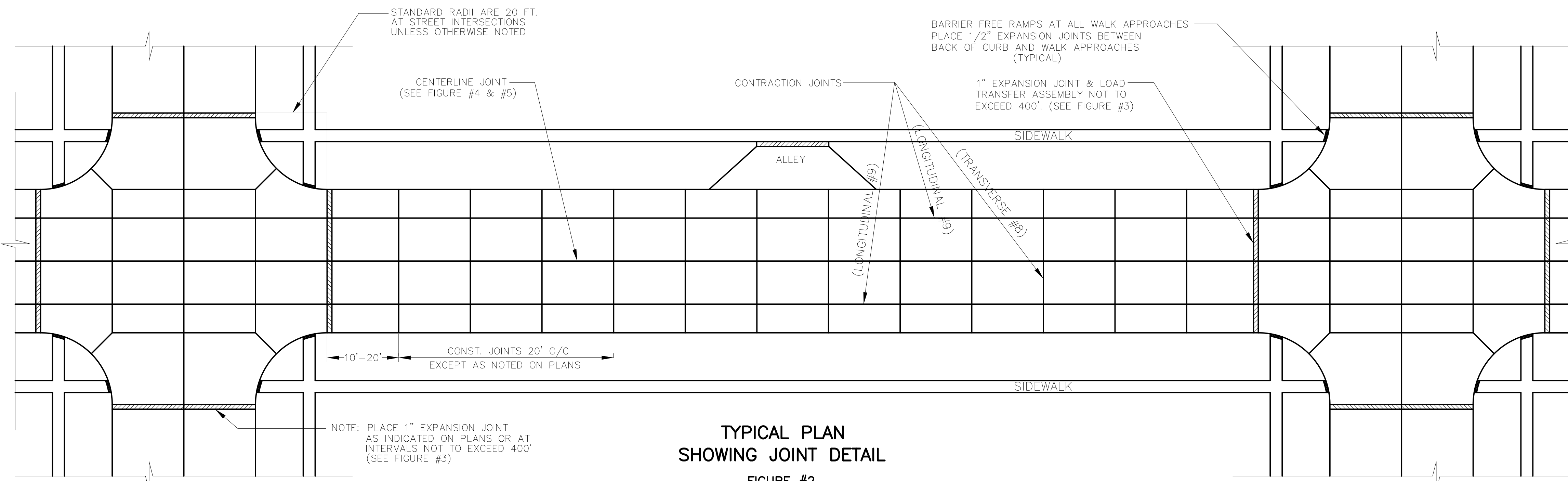


FIGURE #2
TYPICAL PLAN
SHOWING JOINT DETAIL

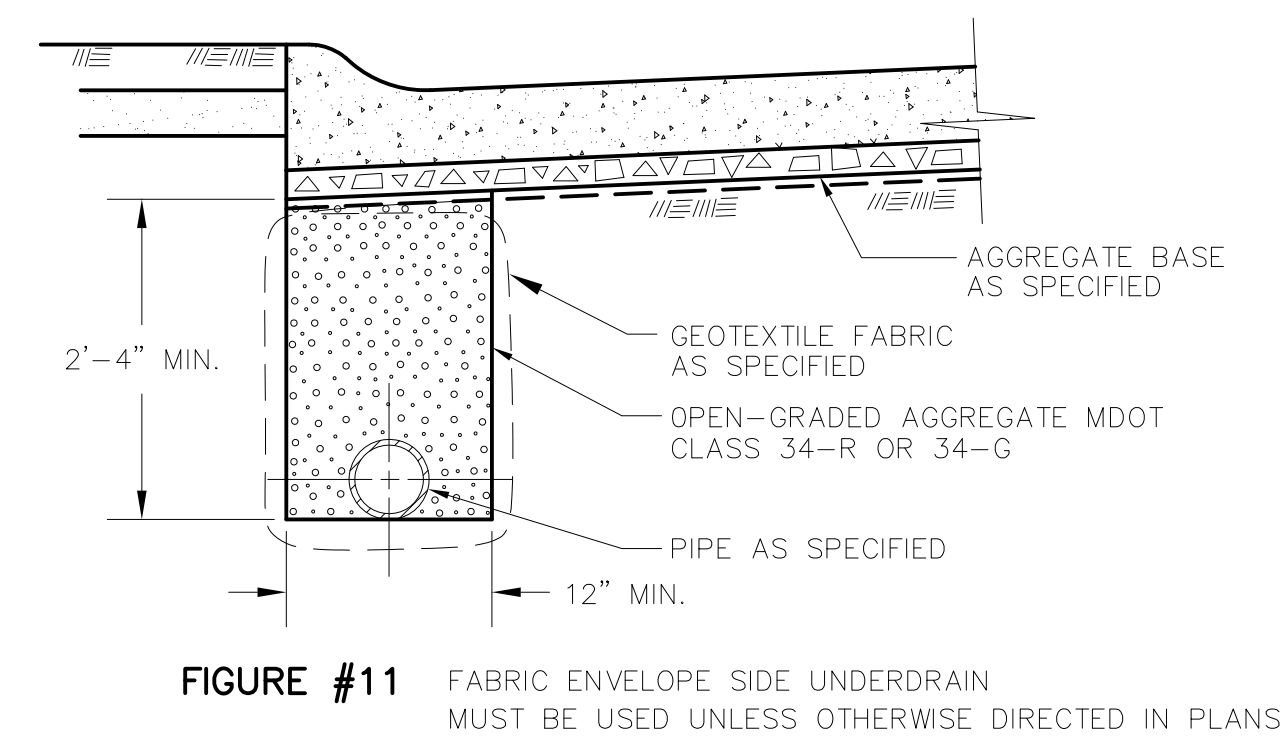


FIGURE #11 FABRIC ENVELOPE SIDE UNDERDRAIN MUST BE USED UNLESS OTHERWISE DIRECTED IN PLANS

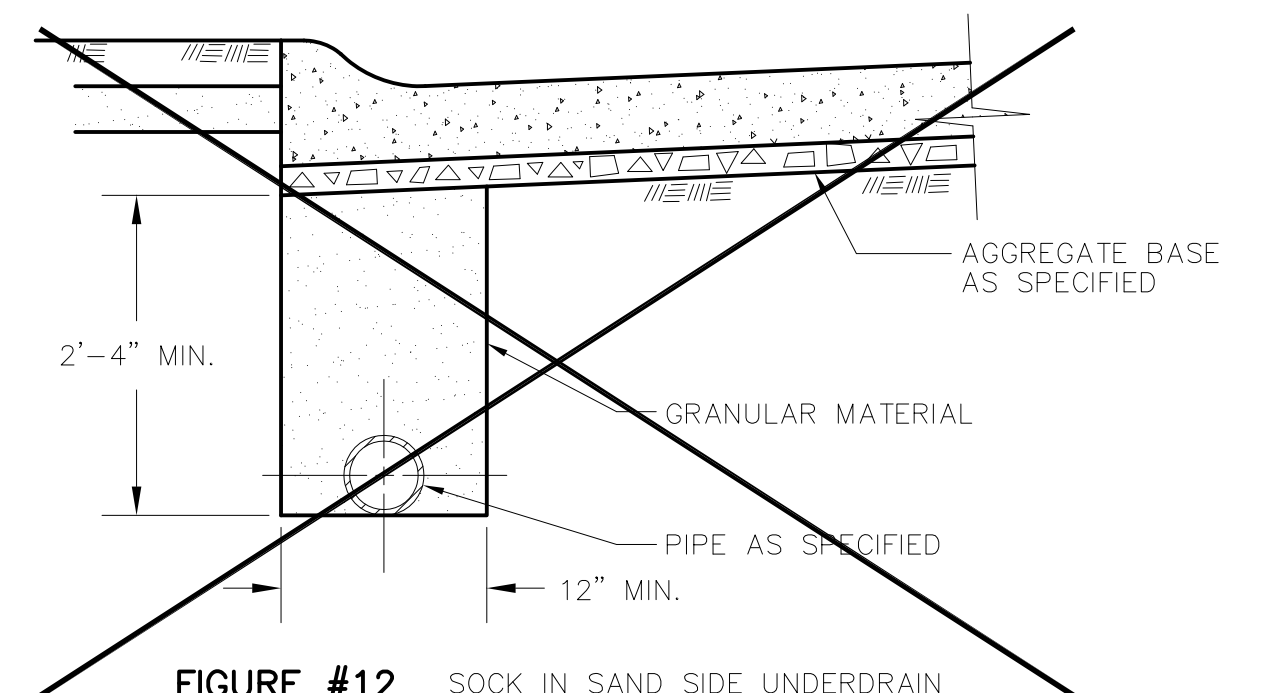


FIGURE #12 SOCK IN SAND SIDE UNDERDRAIN
STANDARD SIDE UNDERDRAIN

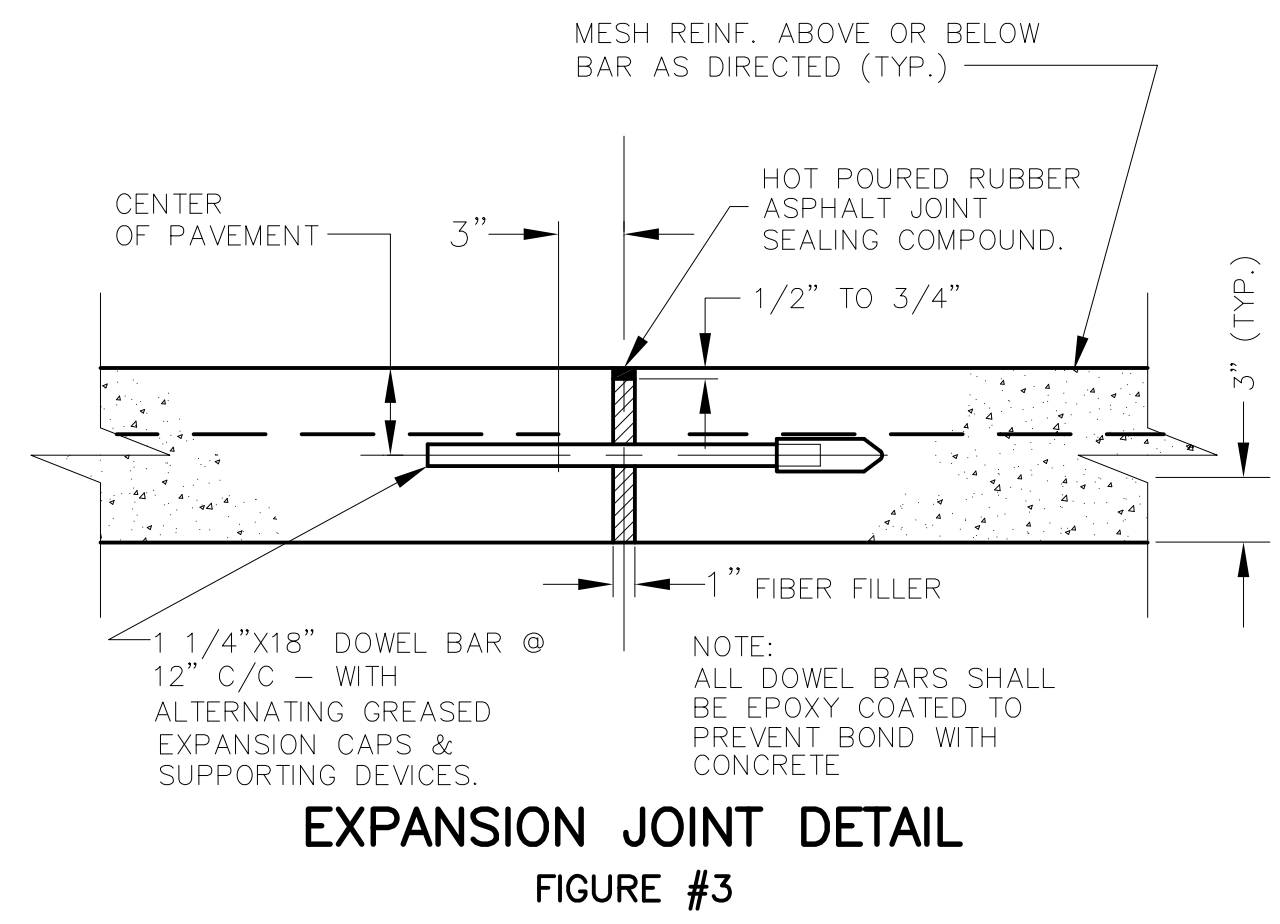


FIGURE #3
EXPANSION JOINT DETAIL

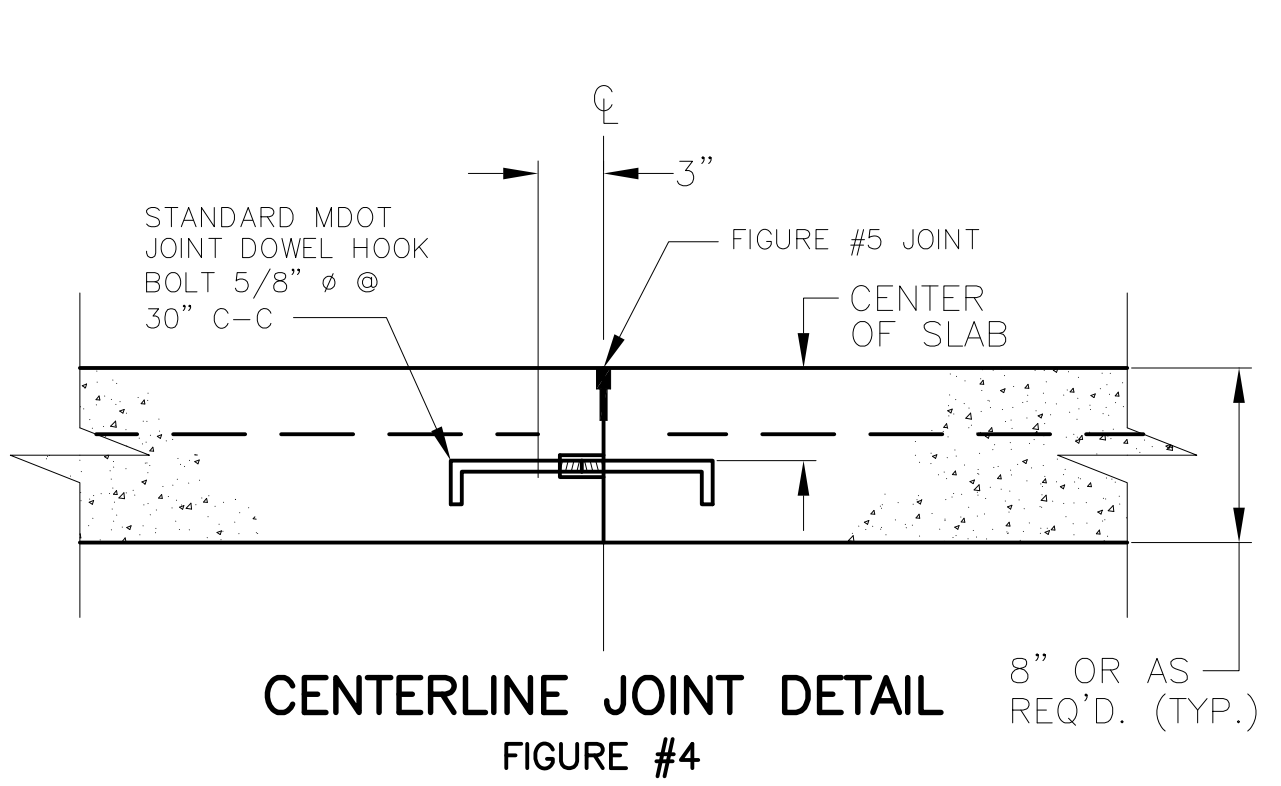


FIGURE #4
CENTERLINE JOINT DETAIL

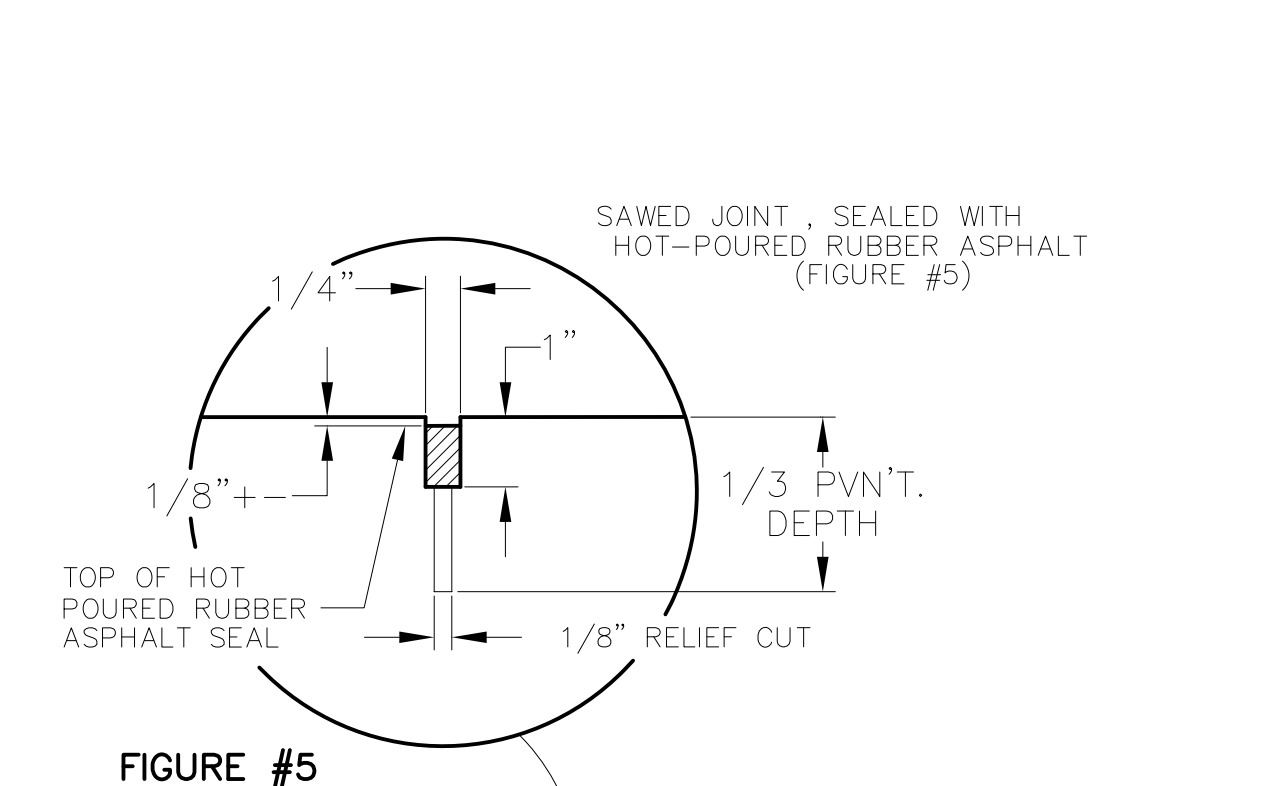


FIGURE #5
LONGITUDINAL CONTRACTION JOINT DETAIL

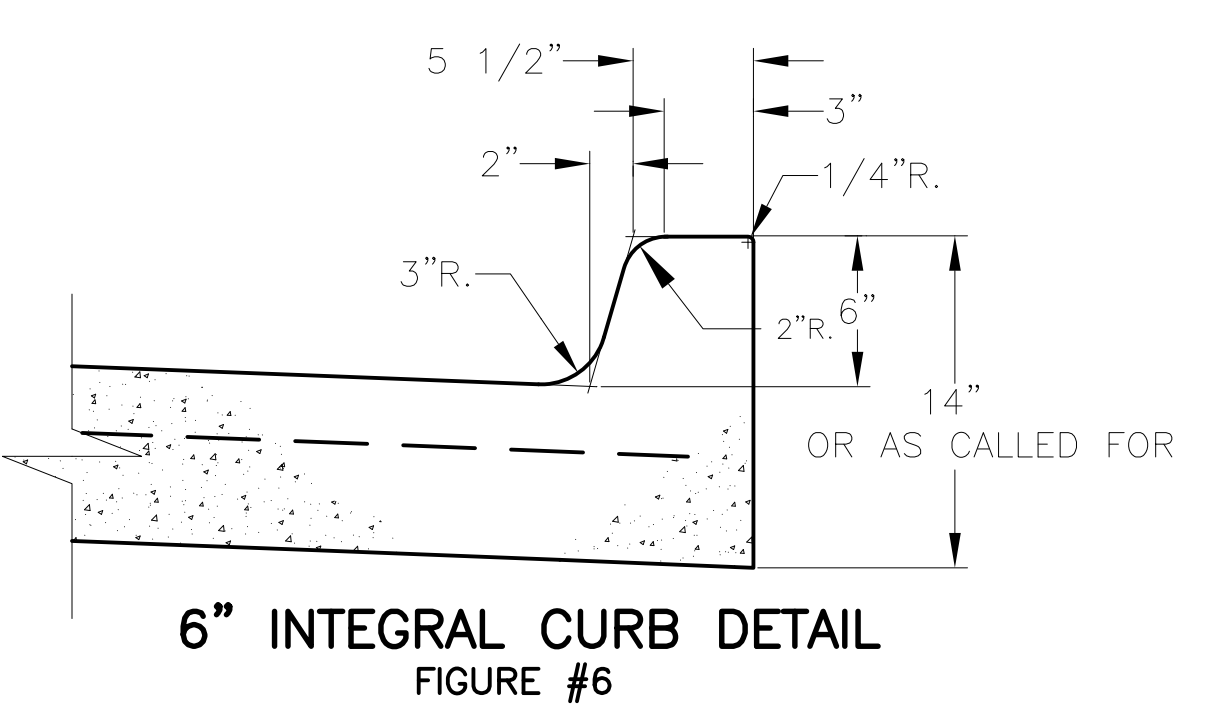


FIGURE #6
**6\"/>
INTEGRAL CURB DETAIL**

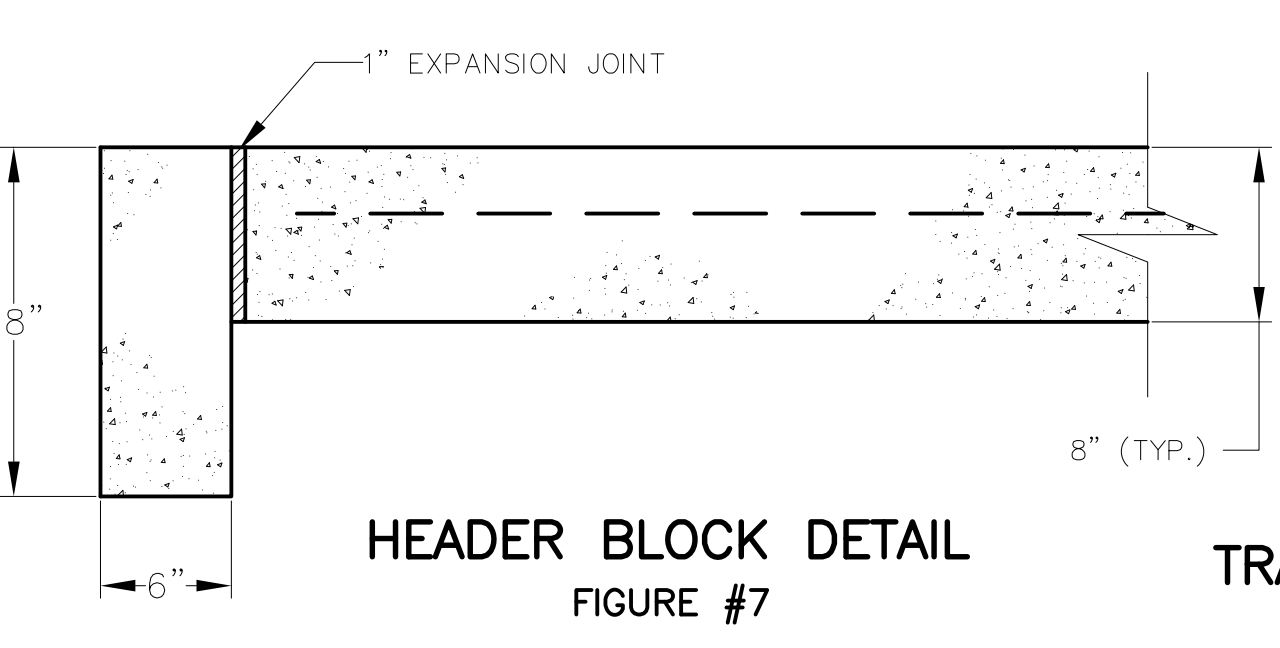


FIGURE #7
HEADER BLOCK DETAIL

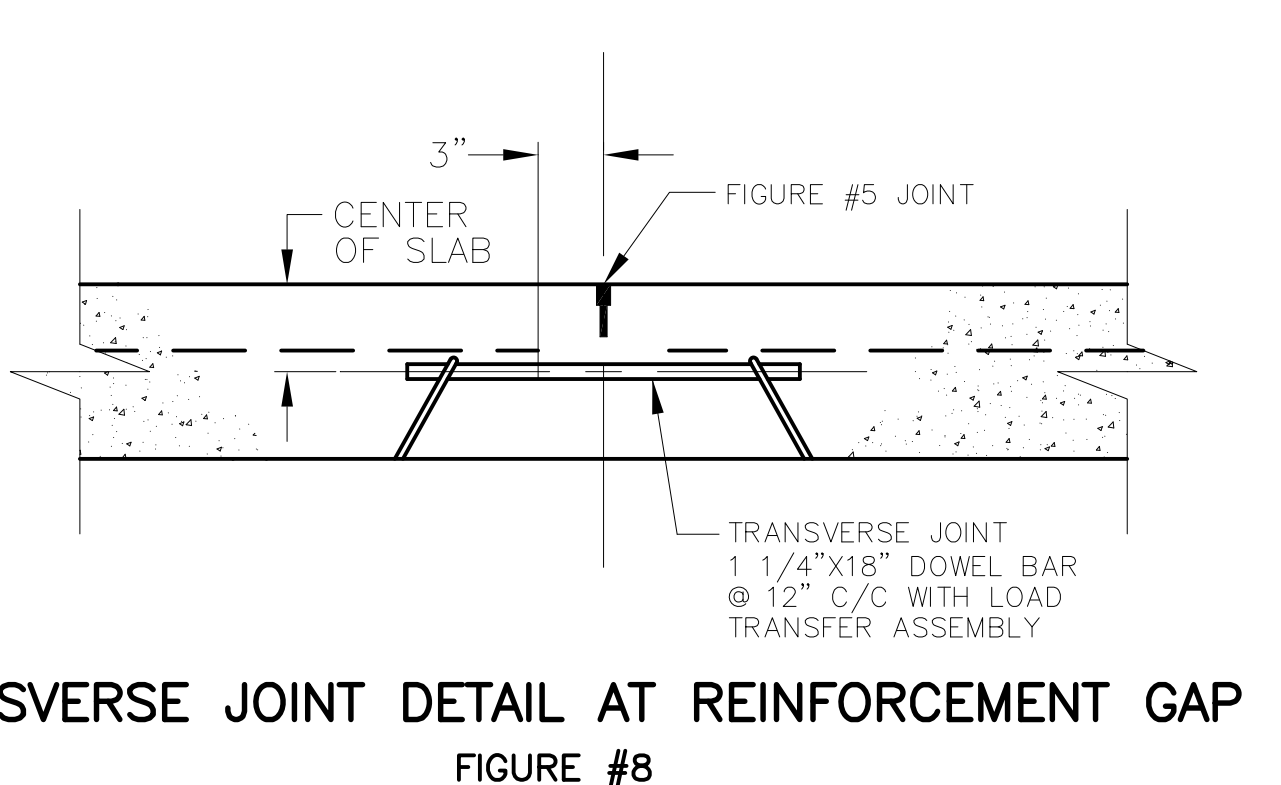


FIGURE #8
TRANSVERSE JOINT DETAIL AT REINFORCEMENT GAP

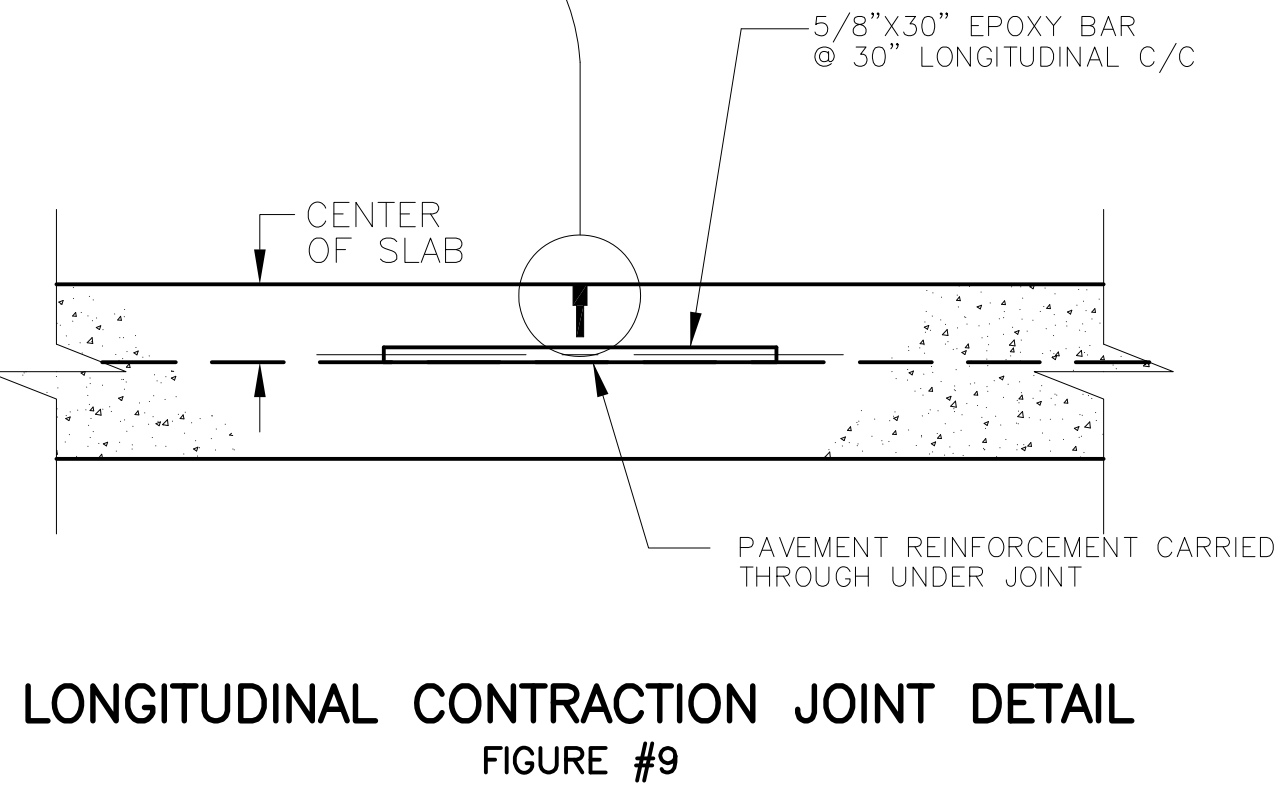


FIGURE #9
LONGITUDINAL CONTRACTION JOINT DETAIL

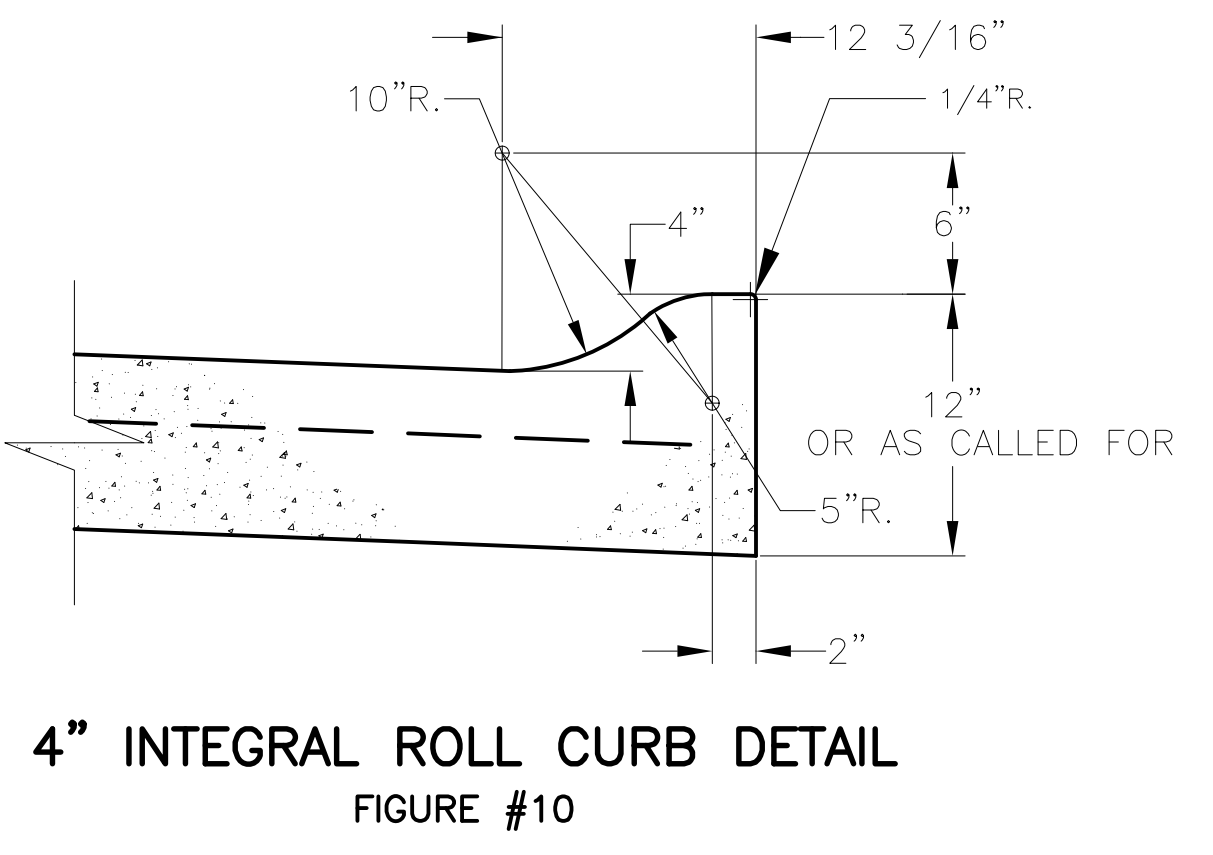
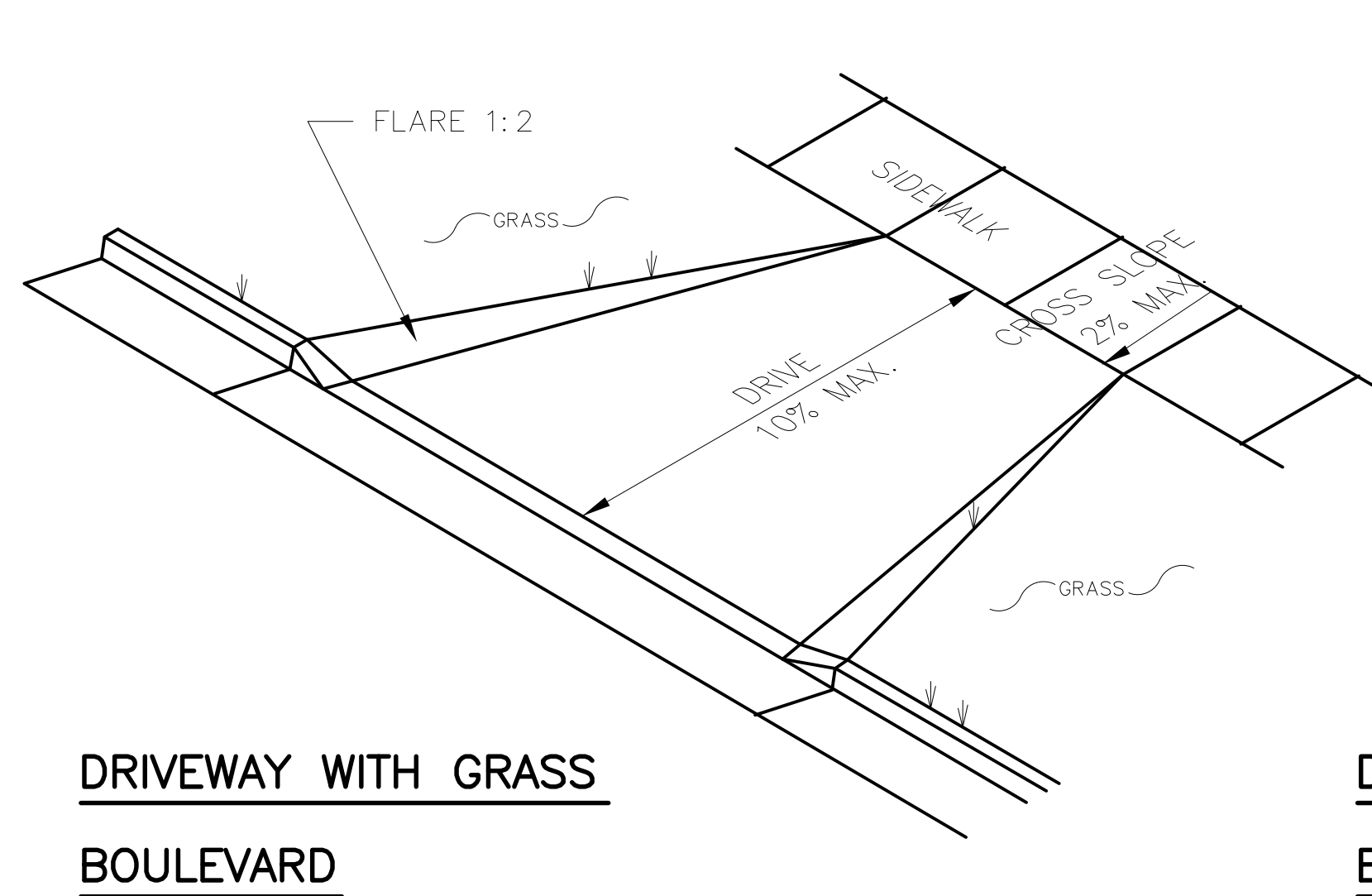
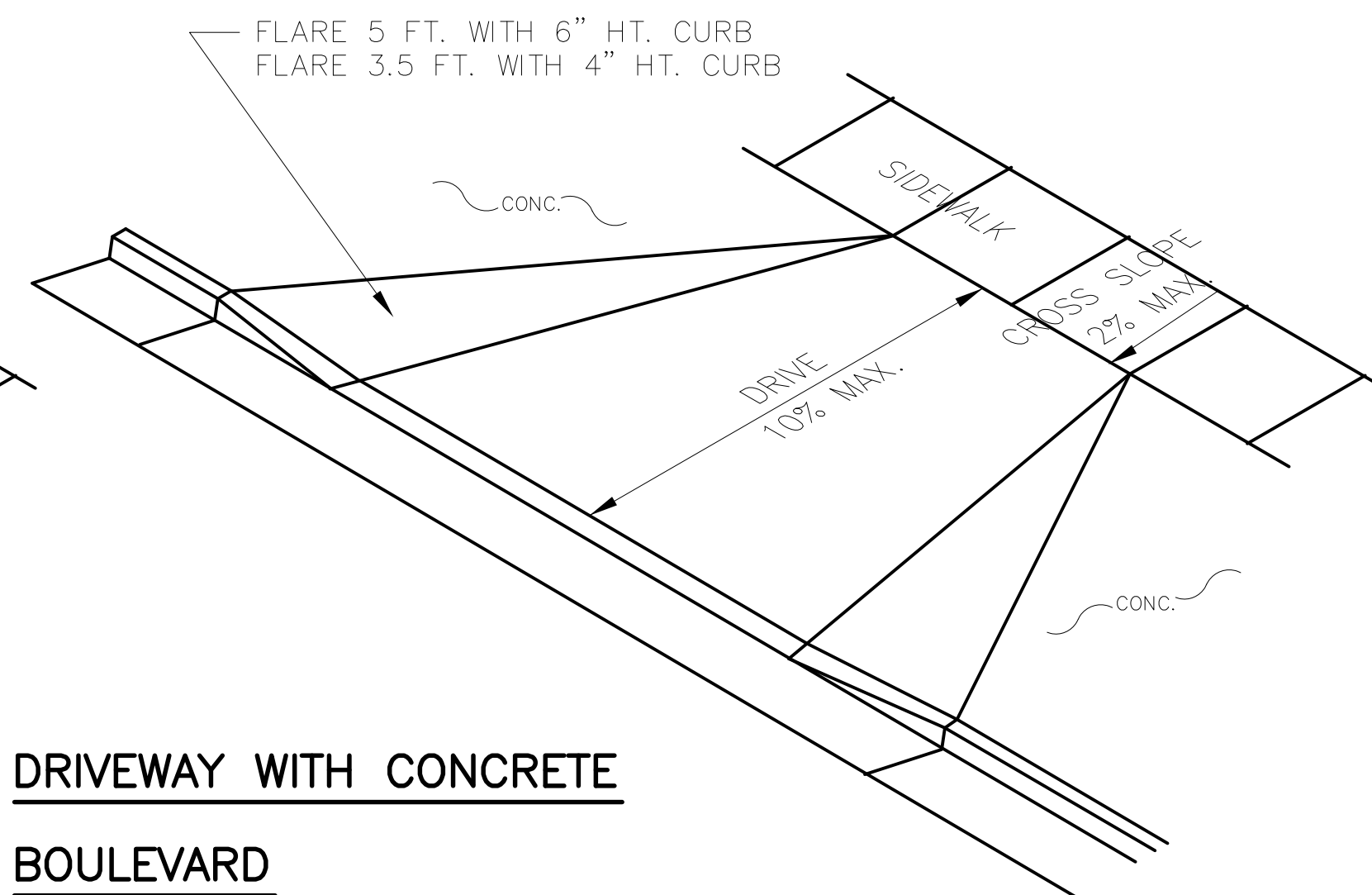


FIGURE #10
**4\"/>
INTEGRAL ROLL CURB DETAIL**

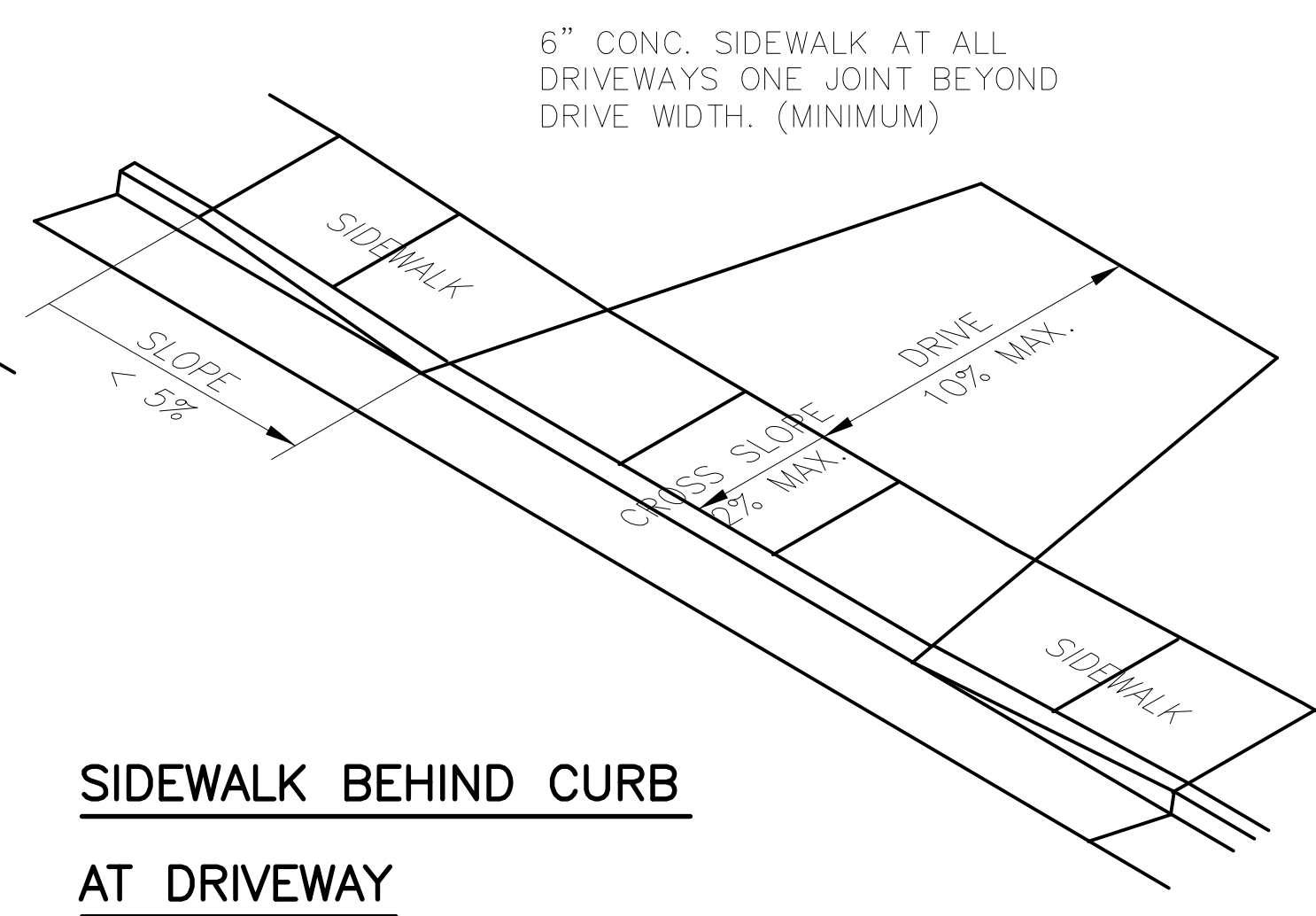
| REVISIONS | | CITY OF PORT HURON, MICHIGAN DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION | | | |
|-----------|----------|--|----------|-----------|----------|
| No. | Date: | GENERAL DETAILS CONCRETE PAVEMENT | | Scale | Drawn by |
| 1 | 05/05/15 | | | NONE | SEM |
| | | Checked by | Job No. | Sheet No. | DWG. NO. |
| | | | X###-### | # of # | Y-602A |
| | | APPROVED: City Engineer | | | |



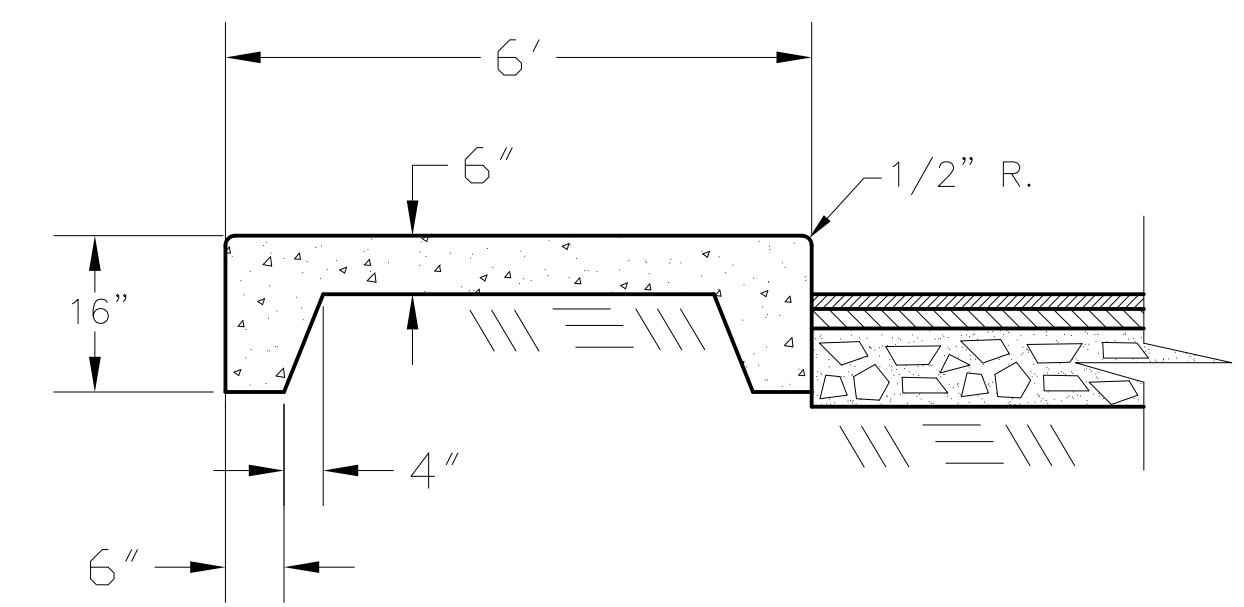
**DRIVEWAY WITH GRASS
BOULEVARD**



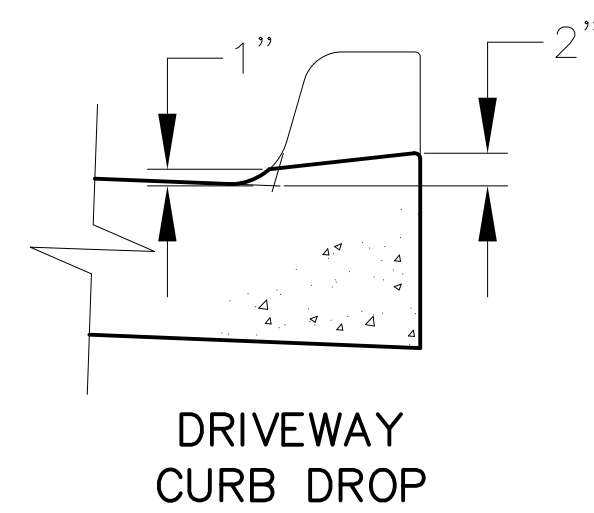
**DRIVEWAY WITH CONCRETE
BOULEVARD**



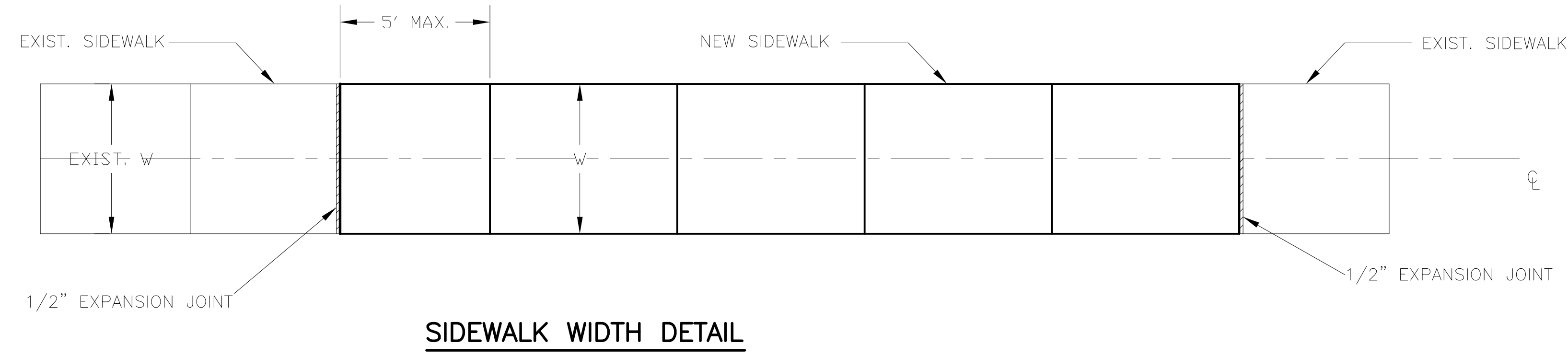
**SIDEWALK BEHIND CURB
AT DRIVEWAY**



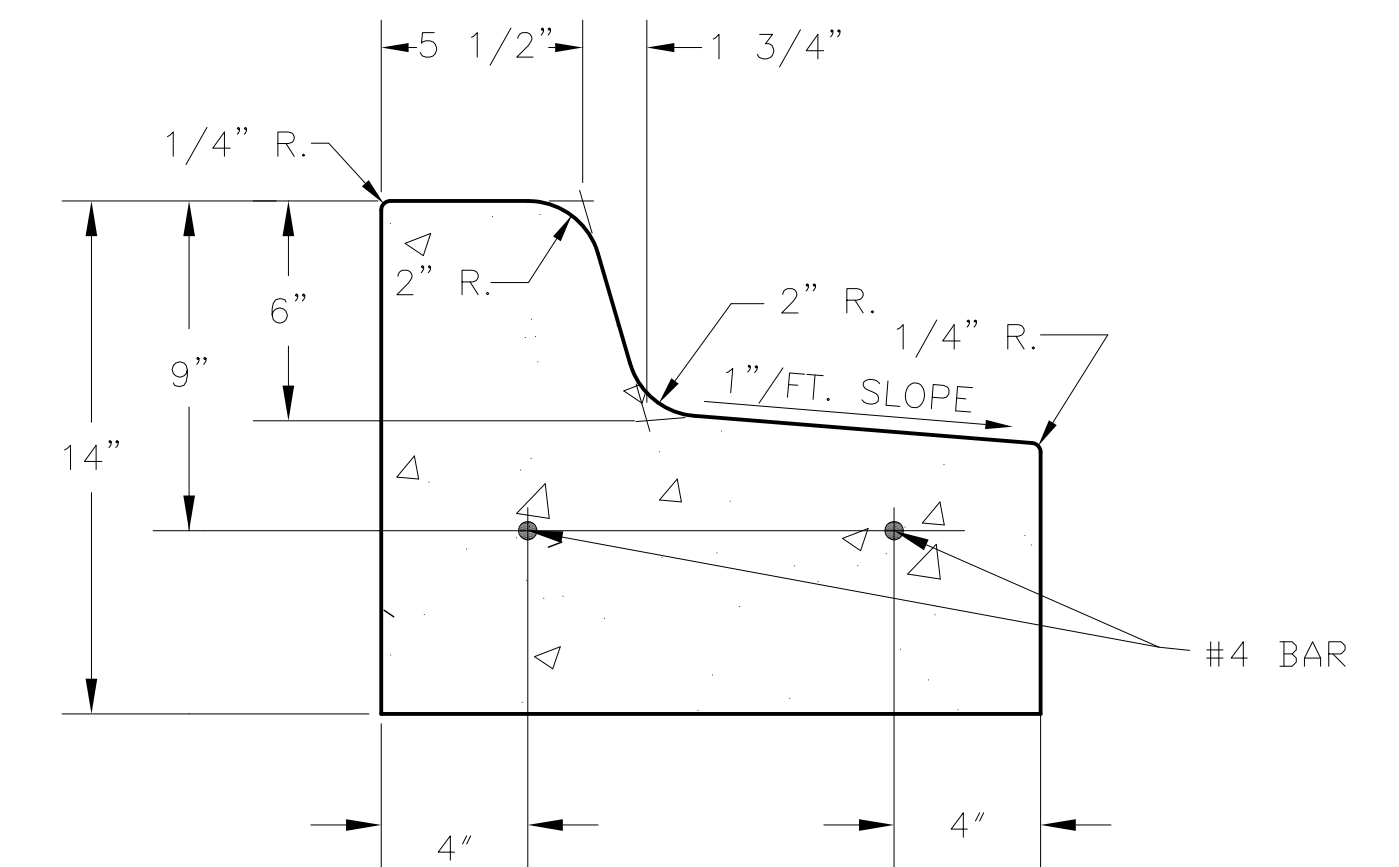
**ISLAND SECTION
FOR PARKING LOTS**



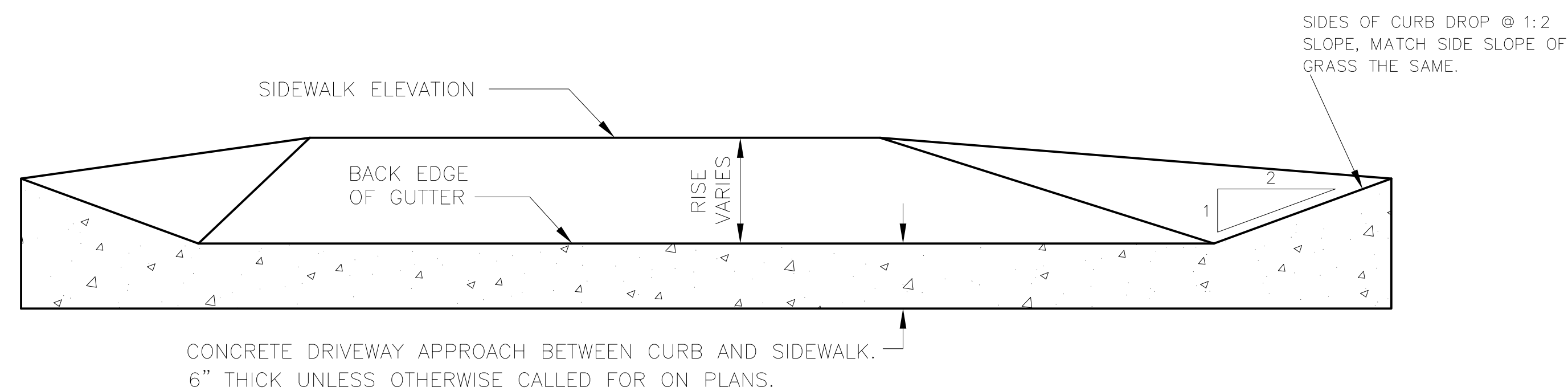
**DRIVEWAY
CURB DROP**



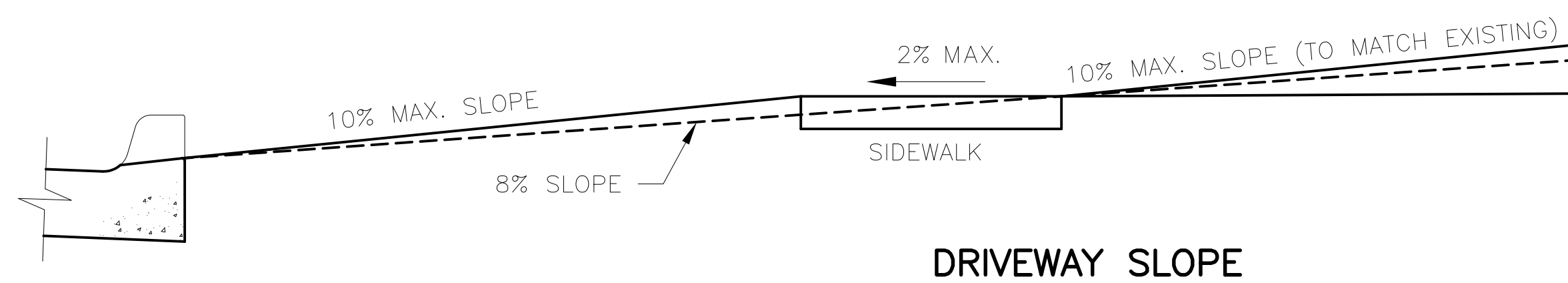
SIDEWALK WIDTH DETAIL



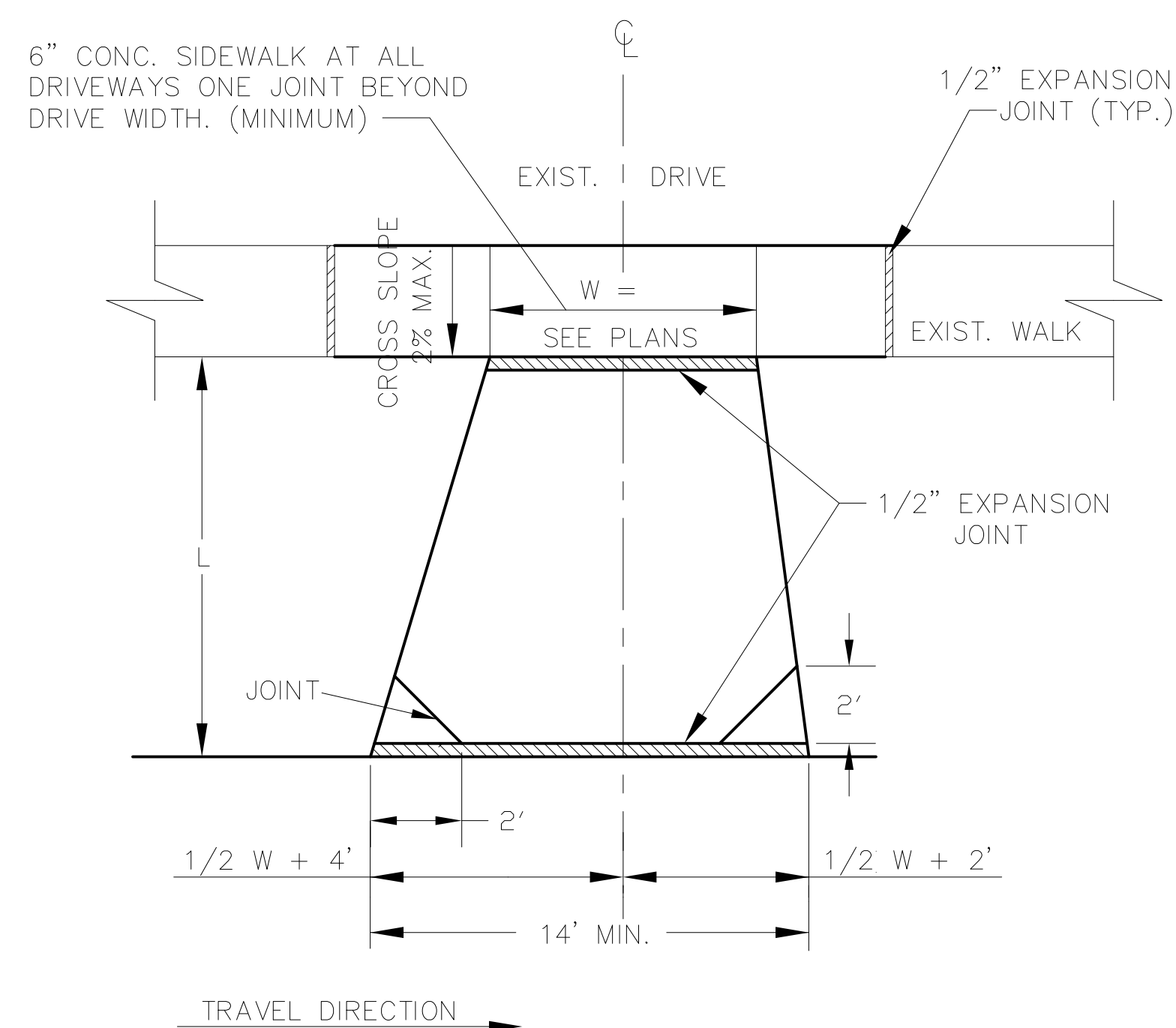
**6"x18" CURB & GUTTER MODIFIED
FOR PARKING LOTS**



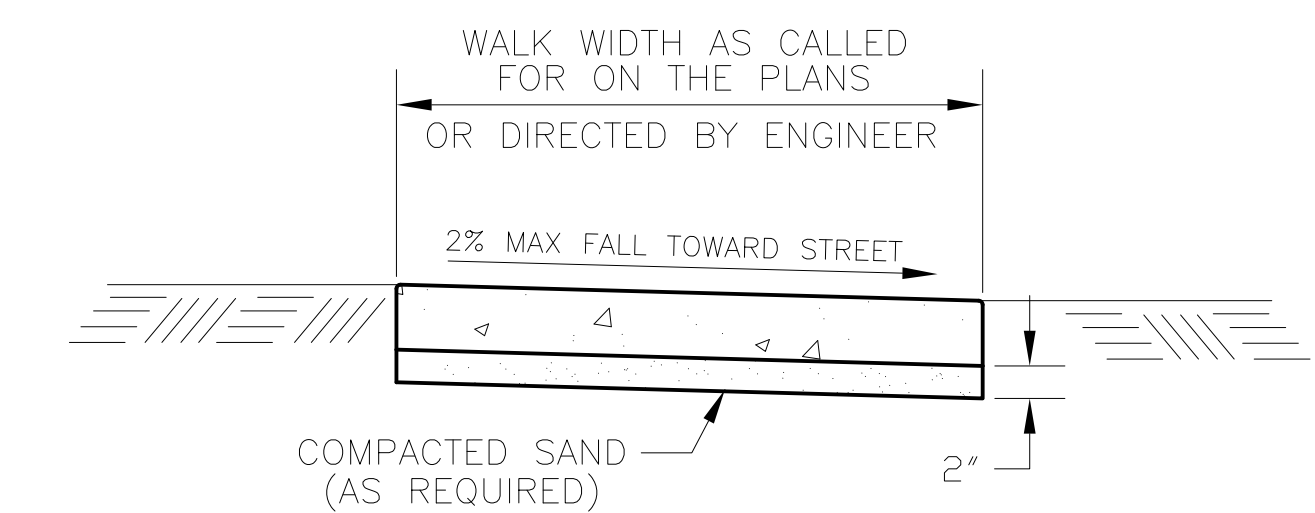
DRIVEWAY APPROACH



DRIVEWAY SLOPE



TYPICAL DRIVEWAY & CURB DROP DETAIL



4" CONCRETE SIDEWALK

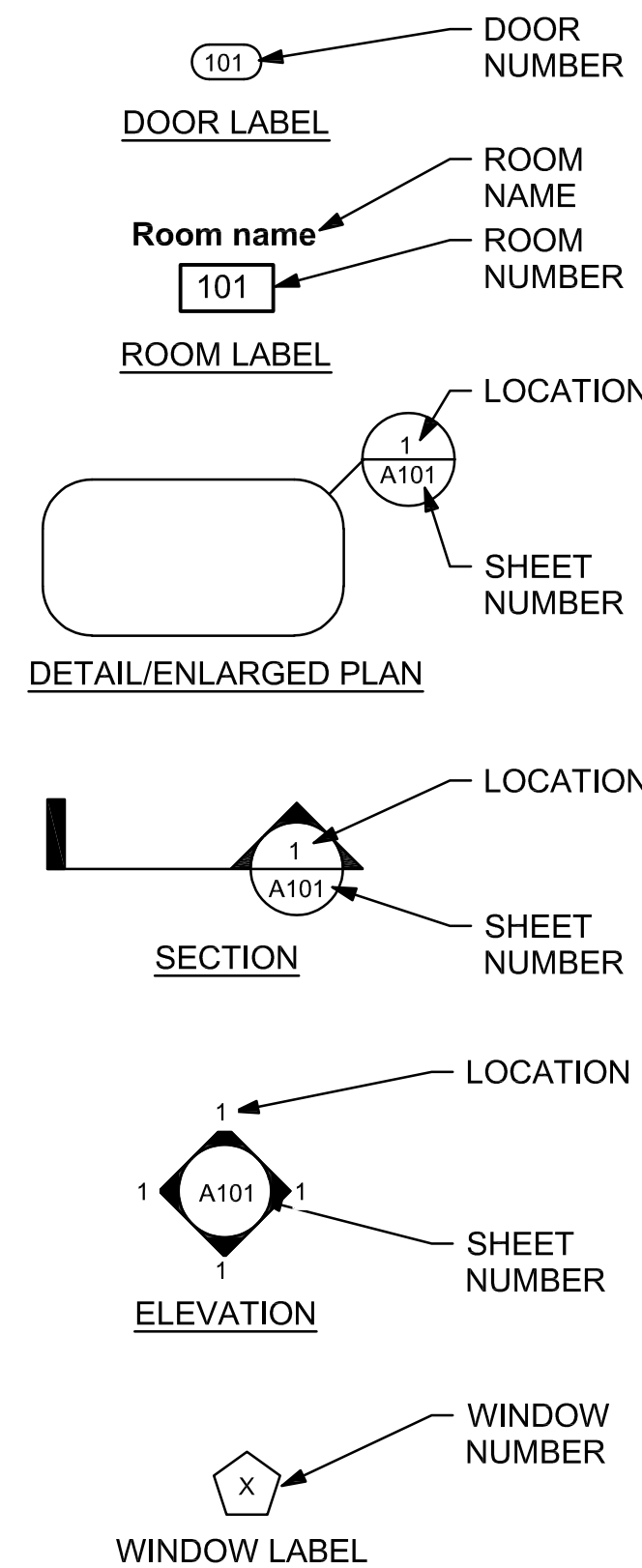
| REVISIONS | | CITY OF PORT HURON, MICHIGAN DEPARTMENT OF PUBLIC WORKS ENGINEERING DIVISION | | | |
|-----------|---------------|--|---------|------------|------------------|
| No. | Date: | CONCRETE DRIVE, ISLAND AND SIDEWALK DETAIL | | | |
| 1 | 05/05/15 | | | | |
| 2 | 02/27/18 | | | | |
| Scale | NONE | Drawn by | SEM | Checked by | Sheet No. # of # |
| APPROVED: | City Engineer | X###-#### | JOB NO. | DWG. NO. | Y-602B |

ABBREVIATIONS

NOTE: NOT ALL ABBREVIATIONS USED. ABBREVIATIONS INCLUDE BUT NOT LIMITED TO THIS LIST.

| | | |
|--|---------------------------------|--|
| A.F.F. ABOVE FINISH FLOOR | LHR LEFT HAND REVERSE | MFR MANUFACTURER |
| ACCOM ACCOMMODATE | MAX MAXIMUM | MECH. MECHANICAL |
| ACCORD ACCORDANCE | MEC. MECHANICAL CONTRACT (OR) | M.P.E. MECHANICAL PLUMBING, ELECTRICAL |
| A.C.P. ACCUSTICAL PANEL | MET METAL | MIN MINIMUM |
| ACOUS ACCUSTICAL | MISC. MISCELLANEOUS | N/A NOT APPLICABLE |
| AD ACCESS DOOR | NIC NOT IN CONTRACT | NTS NOT TO SCALE |
| AL ALUM. | NRC NOISE REDUCTION COEFFICIENT | NO OR # NO OR # |
| ARCH ARCHITECT | OD ON CENTER | OPP. OPPOSITE |
| @ BEARING | OH OVERHEAD | PLAS. PLASTIC |
| B PL BEARING PLATE | PL. PLYWOOD | PLYWD PLYWOOD |
| BIT BITUMINOUS | PO POLYETHYLENE | PSI POUNDS PER SQ. INCH |
| BLK BLOCK | PSF POUNDS PER SQ. FOOT | PVC POLYVINYL CHLORIDE |
| BRD BOARD | RWC RAIN WATER CONDUCTOR | RECP. RECEPTION |
| BOTT BOTTOM | REC RECESSED | REF. REFLECTED |
| BRKT BRACKET | REIN REINFORCING | RE-BAR REINFORCING BARS |
| BLDG BUILDINGS | REP REPRESENTATIVE | REQ. REQUIRED |
| CAB CABINET | RF ROOF FAN | RFM RECESSED FLOOR MAT |
| CLG. CEILING | RD ROOF DRAIN | RH RIGHT HAND |
| CL CENTER LINE | RM ROOM | RHR RIGHT HAND REVERSE |
| CIRC CIRCULATION | RO ROUGH OPENING | ROW RIGHT OF WAY |
| CLO CLOSET | RO SCHEDULE | RD ROOF DRAIN |
| COL COLUMN | SCHED. SCHEDULE | RM ROOM |
| COMP COMPUTER | SIM. SIMILAR | RO ROUGH OPENING |
| CONC. CONCRETE | SPEC SPECIFICATION | SCH. SCHEDULE |
| CMU CONCRETE MASONRY UNIT | SPKLR SPRINKLER | SS STAINLESS STEEL |
| CONF. CONFERENCE | SS STAINLESS STEEL | STD STANDARD |
| CONST CONSTRUCTION | STL STEEL | STL JST STEEL JOIST |
| COORD COORDINATE | STL STD STEEL STUD | STOR STORAGE |
| CR COAT RACK | STR. STRUCTURE | STR STL STRUCTURAL STEEL |
| CRS COURSES | SUSP. SUSPENDED | SYS. SYSTEM |
| DEMO DEMOLISH, DEMOLITION | TEL TELEPHONE | TEMP. TEMPERED |
| DIA DIAMETER | TEMP. TEMPERED GLAZED | T & G TONGUE AND GROOVE |
| DM DIMENSION | TOC TOP OF CURB | TOF TOP OF FOOTER |
| DIV DIVISION | TOF TOP OF STEEL | TOW TOP OF WALL |
| DR DOOR | TOP OF MASONRY | TYP. TYPICAL |
| DN DOWN | UNO UNLESS NOTED OTHERWISE | UR URINAL |
| DS DOWN SPOUT | VB VAPOR BARRIER | VIF VERIFY IN FIELD |
| ELEC. ELECTRICAL | VERT VERTICAL | VCT VINYL COMPOSITE TILE |
| ENC ELECTRICAL WATER COOLER | VIB VINYL WALL BASE | VWC VINYL WALL COVERING |
| EC ELECTRICAL CONTRACTOR | WAIT WAITING | WC WATER CLOSET |
| ELEV. ELEVATION, ELEVATOR | WF WELDED WIRE FABRIC | WD. WOOD |
| ENG ENGINEER | W/ WITH | WO WOOD |
| EQ EQUAL | W/O WITH OUT | W. FOOT, FEET |
| EX EXISTING | W. INCH, INCHES | # POUNDS |
| EXP EXPANSION, EXPOSED | | |
| EJ EXPANSION JOINT | | |
| EXT EXTERIOR | | |
| EF EXHAUST FAN | | |
| FWC FABRIC WALL COVERING | | |
| F.V. FIELD VERIFY | | |
| F.R.P. FIBERGLASS REINFORCED PANEL | | |
| FIN FINISH | | |
| FF FINISHED FLOOR | | |
| FE FIRE EXTINGUISHER | | |
| FEC FIRE EXTINGUISHER CABINET | | |
| FLR FLOOR | | |
| FD FLOOR DRAIN | | |
| FTG FOOTING | | |
| GA GAGE, GAUGE | | |
| GALV GALVANIZED | | |
| GC GENERAL CONTRACTOR | | |
| GWB GYPSUM DRYWALL (WALLBOARD) | | |
| GWB-X GWB TYPE-X (FIRE RESISTIVE CLASSIFICATION) | | |
| HC HANDICAP | | |
| HVAC HEATING, VENTILATION, AND AIR CONDITIONING | | |
| HT./HGT. HEIGHT | | |
| H.M. HOLLOW METAL STEEL | | |
| HR HORIZONTAL | | |
| ID INSIDE DIAMETER | | |
| INS INCHES | | |
| JT JOINT | | |
| JST JOIST | | |
| KSF KIPS PER SQUARE FOOT | | |
| LAM. LAMINATE | | |
| LIN FT LINEAR FOOT | | |
| LLV LONG LEG VERTICAL | | |
| LAV LAVATORY | | |
| LH LEFT HAND | | |

SYMBOL KEY



SITE CONDITIONS

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING EXISTING UNDERGROUND UTILITIES IN THE AREA OF CONSTRUCTION.
- THE CONTRACTOR SHALL COORDINATE HIS WORK ACTIVITIES WITH THE OWNER TO MINIMIZE DISRUPTION TO THE OWNER'S OPERATION OF THE FACILITY.

GENERAL DEMOLITION NOTES

- REMOVE AND/OR RELOCATE ALL ABANDONED MISC. HARDWARE, ACCESSORIES, SUPPORTS, BRACKETS, ANCHORS ETC. IN AREAS OF DEMOLITION (TYPICAL).
- REMOVE AND/OR RELOCATE ALL ABANDONED WIRING, CABLES, RACEWAYS, SWITCHES AND OUTLETS AS REQUIRED.
- CUT AND CAP ALL ABANDONED PLUMBING BEHIND WALL.
- REMOVE AND/OR RELOCATE ALL MISC. ATTACHMENTS THAT INTERFERE WITH NEW CONSTRUCTION OR AS SHOWN ON PLANS.
- OWNER HAS FIRST SALVAGE RIGHTS ON ALL ITEMS AND EQUIPMENT, VERIFY SALVAGE OF ITEMS AND EQUIPMENT WITH OWNER.
- CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS BEFORE DEMOLITION AND/OR CONSTRUCTION. CONTRACTOR SHALL COORDINATE DEMOLITION AND CONSTRUCTION TO COMPLETE WORK AS DEFINED ON PLAN, ELEVATIONS AND DETAILS.
- COORDINATE ALL DIMENSIONS WITH PROPOSED CONSTRUCTION.
- CONTRACTOR SHALL MAINTAIN ALL EXISTING UTILITIES DURING DEMOLITION & CONSTRUCTION. (WATER, SEWER, ELECTRICAL, GAS) VERIFY ALL EXISTING LOCATIONS.
- CONTRACTOR SHALL PROTECT ALL BUILDING ELEMENTS DURING CONSTRUCTION, RESTORE AS REQUIRED.
- ELEMENTS LABELED AS EXISTING ARE TO REMAIN UNLESS NOTED OTHERWISE.
- DASHED LINES INDICATE ITEMS TO BE REMOVED AS NOTED.
- REMOVE AND/OR RELOCATE ALL EXISTING ELECTRICAL LIGHTING FIXTURES AS INDICATED ON PLAN OR THAT INTERFERE WITH CONSTRUCTION.
- REMOVE AND/OR RELOCATE ALL EXISTING OUTLETS, SWITCHES AND COVER PLATES AS SHOWN ON PLANS OR THAT INTERFERE WITH CONSTRUCTION.
- REMOVE AND/OR RELOCATE ALL MECHANICAL GRILLES, LOUVERS AND DIFFUSERS AS SHOWN ON PLAN OR THAT INTERFERE WITH CONSTRUCTION.
- COORDINATE ALL DEMOLITION DIMENSIONS WITH ARCHITECTURAL DIMENSIONS.
- COORDINATE ALL DEMOLITION WITH MECHANICAL AND ELECTRICAL.
- CONTRACTOR SHALL REMOVE AND/OR RELOCATE ALL ITEMS (ATTACHED OR OTHERWISE) WHICH REQUIRE REMOVAL OR ARE AFFECTED BY THE PROPOSED NEW CONSTRUCTION. THE CONTRACTOR SHALL FAMILIARIZE WITH THE EXISTING CONDITIONS AND SHALL COMPLETE ALL REQUIRED DEMOLITION (REGARDLESS WEATHER EACH INDIVIDUAL ITEM HAS BEEN IDENTIFIED).
- THE CONTRACTOR SHALL LEVEL / ADJUST SUBFLOOR AND OR CONCRETE FLOOR SLAB AS REQUIRED FOR FLOOR FINISH.

GENERAL NOTES (NOT ALL NOTES APPLY)

- THE CONTRACTOR IS RESPONSIBLE FOR ALL PERMITS, FEES AND INSPECTIONS.
- ALL CONTRACTORS SHALL COORDINATE THE LOCATION OF DUCTS, PIPING, BOXES, CHASES, CONDUITS, ETC... WITH THE MECHANICAL, ELECTRICAL AND ALL OTHER TRADES.
- PITCH ALL GRADES AND EXTERIOR SLABS AWAY FROM BUILDING TOWARDS DRAINAGE.
- SEAL/MORTAR ALL OPENINGS AROUND PIPES, CONDUITS, ETC... WHICH PASS THROUGH FLOORS AND WALLS.
- CAULK ALL JOINTS BETWEEN DOOR FRAMES, WINDOW FRAMES, MASONRY WALLS AND ALL DISSIMILAR MATERIALS.
- PROVIDE ALL NECESSARY BLOCKING AS REQUIRED TO SUPPORT LIGHTING, SIGNS, BRACKETS, ACCESSORIES, ETC....
- ALL DIMENSIONS ARE FROM FACE OF STUD TO FACE OF STUD OR FACE OF BLOCK TO FACE OF BLOCK.
- ALL ITEMS NOTED "BY OWNER" OR "N.I.C." ARE NOT IN CONTRACT.
- ALL BLOCK CORNERS SHALL BE BULLNOSE.
- CONTRACTOR TO INSTALL ONLY TYPE "X" FIRECODE GYPSUM BOARD BOTH SIDES OF STUD WALL FULL HEIGHT OF PARTITION TO UNDERSIDE OF STRUCTURE (TIGHT) AT RATED WALLS IE. STORAGE ROOM AND ELEC. / MECHANICAL.
- CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS EXISTING AND PROPOSED ON THE JOB. REPORT ALL DEVIATIONS FROM DRAWINGS PRIOR TO START OF CONSTRUCTION.
- ALL CONTRACTORS SHALL CONSTRUCT THIS PROJECT IN ACCORDANCE WITH ALL STATE, FEDERAL AND LOCAL CODES.
- ALL CONTRACTORS SHALL REPAIR ANY DAMAGES OR DISTURBANCES TO THE EXISTING BUILDING AND SITE. PATCH / REPAIR AND PAINT ANY WALLS DISTURBED FROM DEMOLITION.
- ALL WOOD AND MISC. BLOCKING MUST BE NON-COMBUSTIBLE MATERIAL.
- ALL INTERIOR CONTROL JOINTS SHALL BE CONSTRUCTED AT 20'-0" O.C. MAXIMUM UNLESS NOTED OTHERWISE.
- ALL MATERIALS USED ARE REQUIRED TO BE OF GOOD QUALITY AND MEET OR EXCEED ALL APPLICABLE INDUSTRY STANDARDS.
- ALL WORK IS TO BE DONE WITH THE APPROPRIATE TOOLS AND MATERIALS. THE ARCHITECT HAS THE RIGHT TO REJECT ANY WORK NOT DONE APPROPRIATELY.
- REMOVE ALL TRASH AND DEBRIS FROM THE SITE. WASH ALL SURFACES DUST AND SWEEP TO REMOVE ALL DIRT. REMOVE ALL TEMPORARY LABELS.
- REPLACE ALL CONCRETE FLOOR WHICH WAS REMOVED AND OR DAMAGED FOR / DURING CONSTRUCTION. PREPARATION FOR FLOOR FINISH.
- ALL 2 HR. FIRE WALLS TO BE MIN. 8" CMU BLOCK TIGHT TO BOTTOM OF METAL DECKING. PROVIDE ALL FIRE DAMPERS AS INDICATED ON MECHANICAL DRAWINGS. FIRE CAULK ALL WALL PENETRATIONS AND FILL ALL VOIDS WITH FIRE SAFING BETWEEN TOP OF WALL AND DECKING AS REQUIRED.
- ALL CONTRACTORS AND SUBCONTRACTORS SHALL PROVIDE ALL WORK SHOWN IN ANY PART OF THE DOCUMENTS, I.E. HAND DRYER SHOWN ON ARCHITECTURAL DRAWINGS MUST BE WIRED BY THE ELECTRICIAN WHETHER IT IS OR IS NOT SHOWN ON THE ELECTRICAL DRAWINGS.
- THE GENERAL CONTRACTOR SHALL PROVIDE A MIN. 2 YEAR (U.N.O.) WARRANTY ON ALL MATERIAL, EQUIPMENT AND WORK PERFORMED.
- THE GENERAL CONTRACTOR SHALL PROVIDE A MIN. 2 YEAR (U.N.O.) PERFORMANCE, PAYMENT AND MAINTANCE BOND.
- THE GENERAL CONTRACTOR IS RESPONSIBLE TO COORDINATE AND INSTALL ALL EQUIPMENT BY OWNER (U.N.O.).

SCOPE OF WORK

- THE SCOPE OF WORK INCLUDES, BUT IS NOT LIMITED TO, THE FOLLOWING:
- REMOVING EXISTING APPARATUS BAY FRONT APRON FROM BUILDING TO SIDEWALK AND REPLACING IT WITH NEW, INCREASING THE WIDTH AS SHOWN ON THE CIVIL DRAWINGS.
 - REMOVING EXISTING ROOFING MATERIALS COMPLETE AND REPLACING WITH NEW DIMENSIONAL SHINGLES.
 - REROUTING AND REPLACING (2) TWO DOWNSPOUTS ON THE NORTH SIDE TO AVOID ICING AND PONDING ON THE FLATWORK.
 - REPLACING SIDEWALK FLAGS AS SHOWN ON THE CIVIL DRAWINGS.
 - REPLACE CAULK/SEALANT/FILL MATERIAL AROUND THE BUILDING PERIMETER.
 - REPLACE CORRODED STEEL AT THE APPARATUS BAY DOORS.
 - GROUTING AND TUCKPOINTING ALL DECORATIVE BLOCK.
 - REPAIRING FLOOR CRACKS AND SPALLING ON THE APPARATUS BAY FLOOR AND APPLYING NEW EPOXY COATING WITH DECORATIVE FLAKES.

SEQUENCE OF WORK

THE FOLLOWING WORK IS PROPOSED TO BE PERFORMED IN THE FOLLOWING ORDER. CONTRACTOR TO COORDINATE SEQUENCING WITH THE OWNER.

- GROUT AND TUCK POINT ALL DECORATIVE BLOCK.
- REMOVE EXISTING ROOFING MATERIALS COMPLETE AND REPLACE WITH NEW DIMENSIONAL SHINGLES.
- DRIVEWAY AND SIDEWALK DEMOLITION
- REROUTE AND REPLACE DOWNSPOUTS
- NEW DRIVEWAY AND SIDEWALK
- REPLACE CAULK/SEALANT/FILL MATERIAL AROUND THE BUILDING PERIMETER.
- REMOVE CORRODED STEEL AND CONCRETE AT THE APPARATUS BAY DOOR. REPLACE WITH NEW.
- REPAIR FLOOR CRACKS AND SPALLING ON THE APPARATUS BAY FLOOR AND REFINISH WITH NEW EPOXY COATING WITH DECORATIVE FLAKES.



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CIVIL ENGINEERS - SURVEYORS - ARCHITECTS

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Engineering Strong Communities

| | |
|------------|----------------------|
| 03/27/2026 | BID SET |
| 02/24/2026 | 90% CD |
| DATE | SUBMITTALS/REVISIONS |

PROJECT NAME:

FIRE STATION NO. 4 BUILDING IMPROVEMENTS

SHEET TITLE:

GENERAL PROJECT INFORMATION

CLIENT: PORT HURON

| | | |
|--------------------------------------|--|---------------------------------|
| <input type="checkbox"/> PRELIMINARY | <input checked="" type="checkbox"/> CONSTRUCTION | <input type="checkbox"/> RECORD |
| DRAWN BY: | DESIGNED BY: | |
| K. NYE | K. NYE | |
| CHECKED BY: | DATE: | |
| B. CHIRCO | MARCH 2026 | |
| SCALE: | | |



UTILITY INFORMATION, AS SHOWN, INDICATES APPROXIMATE LOCATIONS AND TYPES OF EXISTING FACILITIES ONLY, AS DISCLOSED BY RECORDS PROVIDED TO THIS FIRM FROM THE VARIOUS UTILITY COMPANIES. NO GUARANTEE IS GIVEN OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF.

PRIOR TO CONSTRUCTION, ALL LOCATIONS AND DEPTHS OF EXISTING OVERHEAD AND UNDERGROUND UTILITIES, (IN CONFLICT WITH THE CONSTRUCTION OF THESE PROPOSED IMPROVEMENTS) SHALL BE VERIFIED IN THE FIELD. DURING THE CONSTRUCTION, THE CONTRACTOR SHALL PROTECT AND SUPPORT ALL UTILITIES THAT ARE ENCOUNTERED. (ALL COSTS FOR UTILITY LOCATION VERIFICATION, SUPPORT AND PROTECTION SHALL BE INCLUDED IN THE PROPOSED PAY ITEM CONFLICTING WITH THAT UTILITY).

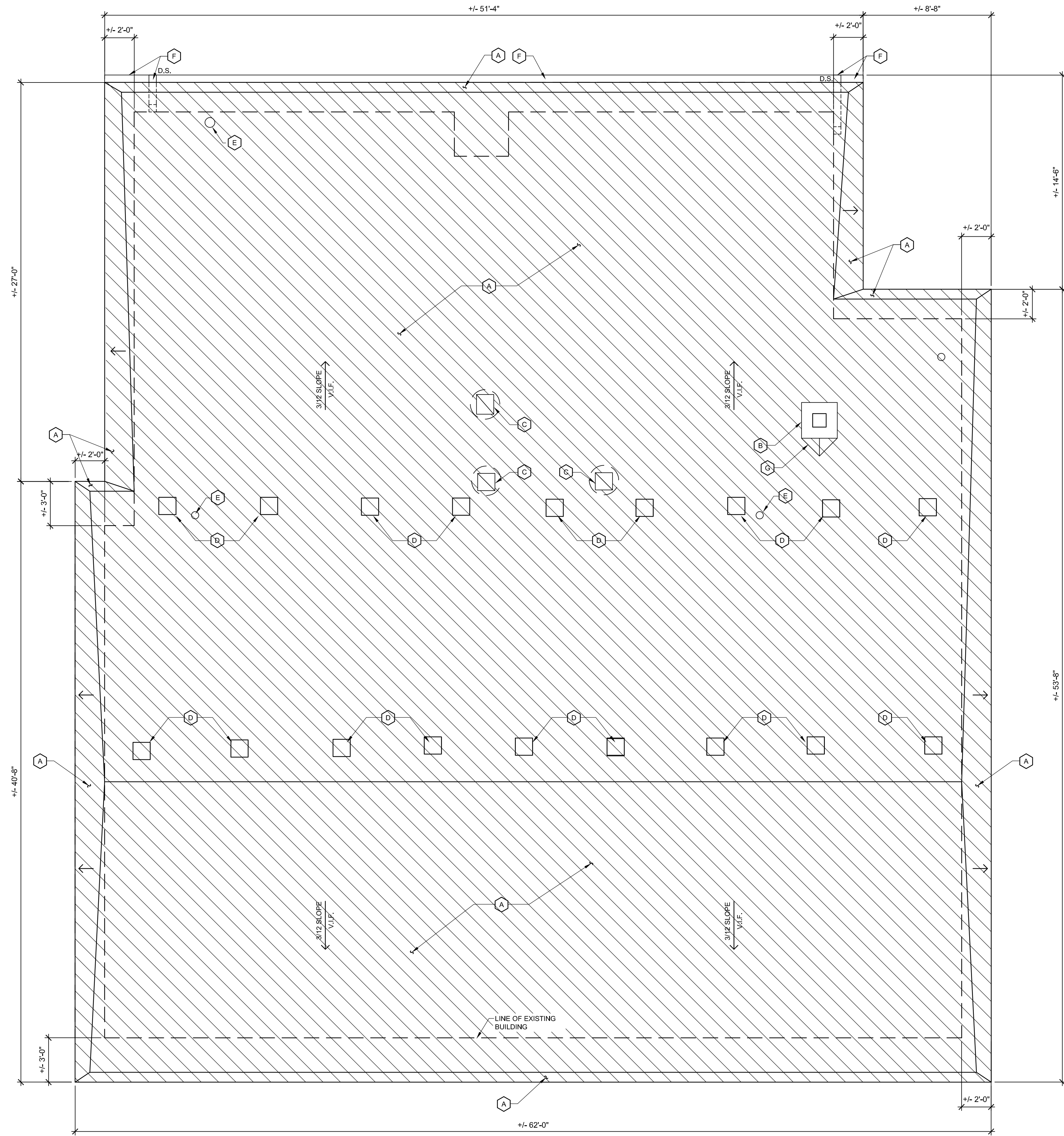
DURING CONSTRUCTION, THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN OPERATING NEAR ANY AND ALL OVERHEAD AND / OR BURIED UTILITIES.

PROJECT NO. 0182-0011

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SHEET NO.

A021



DEMOLITION ROOF PLAN GENERAL NOTES

- EXISTING ROOF SHEATHING TO REMAIN. REMOVE DAMAGED EXISTING EXTERIOR ROOF SHEATHING AS REQUIRED. GENERAL CONTRACTOR TO INCLUDE 800 S.F. OF NEW 3/4" EXTERIOR GRADE SHEATHING FOR ROOF. PROVIDE UNIT PRICE FOR THE REMOVAL/REPLACEMENT OF ANY ADDITIONAL DAMAGED SHEATHING AND ROOF-NAILERS. PREPARE EXISTING SURFACE FOR NEW ROOF.
- REFER TO SHEET A101 FOR ADDITIONAL DEMOLITION WORK.

DEMOLITION ROOF PLAN KEYNOTES

- (A)** REMOVE EXISTING SHINGLE ROOFING DOWN TO THE EXISTING SHEATHING. PREPARE FOR NEW ROOF. SEE DEMOLITION ROOF PLAN GENERAL NOTE 1.
- (B)** EXISTING CHIMNEY TO REMAIN. REMOVE EXISTING CHIMNEY CAP. PREPARE FOR NEW.
- (C)** EXISTING ROOF EXHAUST FANS AND CURB TO REMAIN
- (D)** REMOVE EXISTING ALUMINUM ROOF VENTS COMPLETE.
- (E)** EXISTING VENT THROUGH ROOF TO REMAIN. VERIFY EXACT LOCATIONS IN THE FIELD.
- (F)** REMOVE EXISTING GUTTER AND DOWNSPOUTS.
- (G)** REMOVE EXISTING SADDLES AT EXISTING CURB AND CHIMNEY.

ROOF LEGEND

| SYMBOL | DESCRIPTION |
|--------|---|
| | ROOF SLOPE DIRECTION - EXISTING PITCH TO REMAIN |
| | EXISTING SHINGLE ROOF AND ROOF FELT TO BE REMOVED COMPLETE. EXISTING SHEATHING TO REMAIN. |

1
**PROPOSED
DEMOLITION ROOF PLAN**
 SCALE: 1/4" = 1'-0"



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Engineering Strong Communities

| | |
|----------------------------------|---|
| 03/27/2026 02/24/2026 DATE | BID SET 90% CD SUBMITTALS/REVISIONS |
|----------------------------------|---|

PROJECT NAME:

FIRE STATION NO. 4 BUILDING IMPROVEMENTS

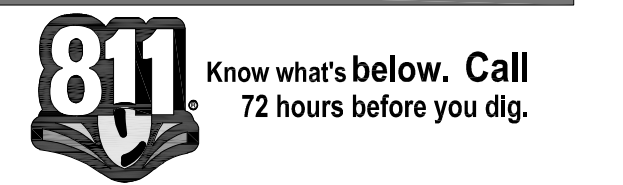
SHEET TITLE:

DEMOLITION ROOF PLAN

CLIENT:
PORT HURON

| | | |
|--------------------------------------|--|---------------------------------|
| <input type="checkbox"/> PRELIMINARY | <input checked="" type="checkbox"/> CONSTRUCTION | <input type="checkbox"/> RECORD |
| DRAWN BY: K. NYE | DESIGNED BY: K. NYE | |
| CHECKED BY: B. CHIRCO | DATE: MARCH 2026 | |

SCALE:



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DURING CONSTRUCTION, THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN OPERATING NEAR ANY AND ALL OVERHEAD AND / OR BURIED UTILITIES.

PROJECT NO. **0182-0011**

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SHEET NO.

AD121



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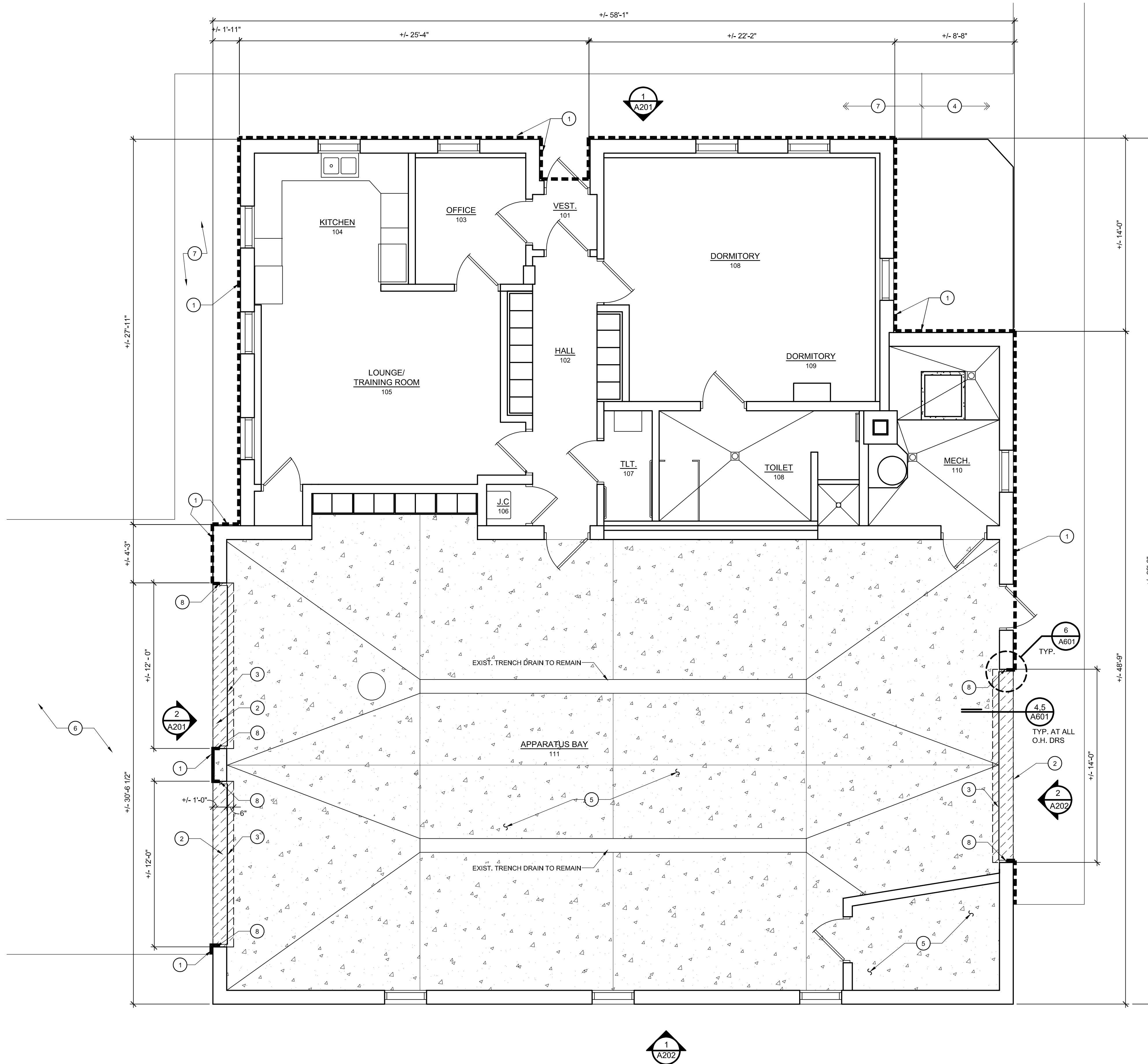
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GENERAL NOTES

1. CONTRACTOR TO VERIFY ALL EXISTING DIMENSIONS IN FIELD. NOTIFY ARCHITECT OF ANY DISCREPANCY.
2. REFER TO DEMOLITION PLANS FOR EXTENT OF DEMOLITION.
3. SEE SHEET A011 FOR GENERAL NOTES AND SPECIFICATIONS.
4. CONTRACTOR TO PROVIDE AN ALLOWANCE FOR THE LABOR AND MATERIALS REQUIRED TO PERFORM TUCK POINTING ON APPROXIMATELY 470 S.F. OF DECORATIVE BLOCK, INCLUDING THE CHIMNEY.

FLOOR PLAN KEYNOTES

1. REMOVE EXISTING SEALANT/FILL MATERIAL AROUND BUILDING PERIMETER. REPLACE WITH NEW BACKER ROD AND HIGH-PERFORMANCE POLYURETHANE ELASTOMERIC SEALANT.
2. SAWCUT AND REMOVE PORTION OF EXISTING CONCRETE SLAB, EXISTING CORRODED STEEL ANGLE AND ANCHOR AT SILL OF EACH OVERHEAD DOOR. RE-POUR PORTION OF SLAB AS SHOWN IN DETAIL 4 AND 5 ON SHEET A801.
3. EXISTING OVERHEAD DOOR TO REMAIN, PAINT.
4. EXISTING CONCRETE SIDEWALKS TO REMAIN. REFER TO CIVIL DRAWINGS.
5. REPAIR EXISTING CRACKS AND SPALLING ON FOR ENTIRE EXISTING CONCRETE SLAB IN APPARATUS AND STORAGE ROOM. PREPARE SLAB FOR EPOXY COATING WITH DECORATIVE FLAKES. REFER TO SPECIFICATIONS.
6. EXISTING CONCRETE APRON TO BE REMOVED AND REPLACED. REFER TO CIVIL DRAWINGS.
7. NEW CONCRETE SIDEWALKS. REFER TO CIVIL DRAWINGS.
8. REMOVE PORTION OF DETERIORATED STEEL JAMB FROM BASE PLATE TO 10" A.F.F. AT TYP AT ALL OVERHEAD DOOR JAMBS. REPLACE WITH NEW STEEL CHANNEL AND PAINT ENTIRE STEEL JAMB. REFER TO DETAILS 4 AND 5 ON SHEET A801.



1 FIRST FLOOR PLAN
 SCALE: 1/4" = 1'-0"
 NORTH

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| 03/27/2026 02/24/2026 | BID SET 90% CD |
| DATE | SUBMITTALS/REVISIONS |

PROJECT NAME:

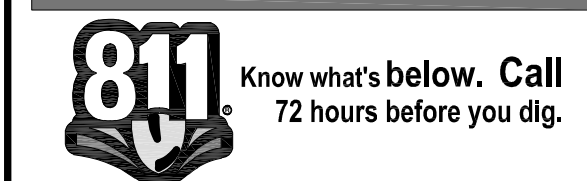
FIRE STATION NO. 4 BUILDING IMPROVEMENTS

SHEET TITLE:

FIRST FLOOR PLAN

CLIENT:
 PORT HURON

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| DRAWN BY: K. NYE | DESIGNED BY: K. NYE | |
| CHECKED BY: B. CHIRCO | DATE: MARCH 2026 | |
| SCALE: | | |



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DURING CONSTRUCTION, THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN OPERATING NEAR ANY AND ALL OVERHEAD AND / OR BURIED UTILITIES.

PROJECT NO. 0182-0011

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SHEET NO.

A101

ROOF PLAN GENERAL NOTES

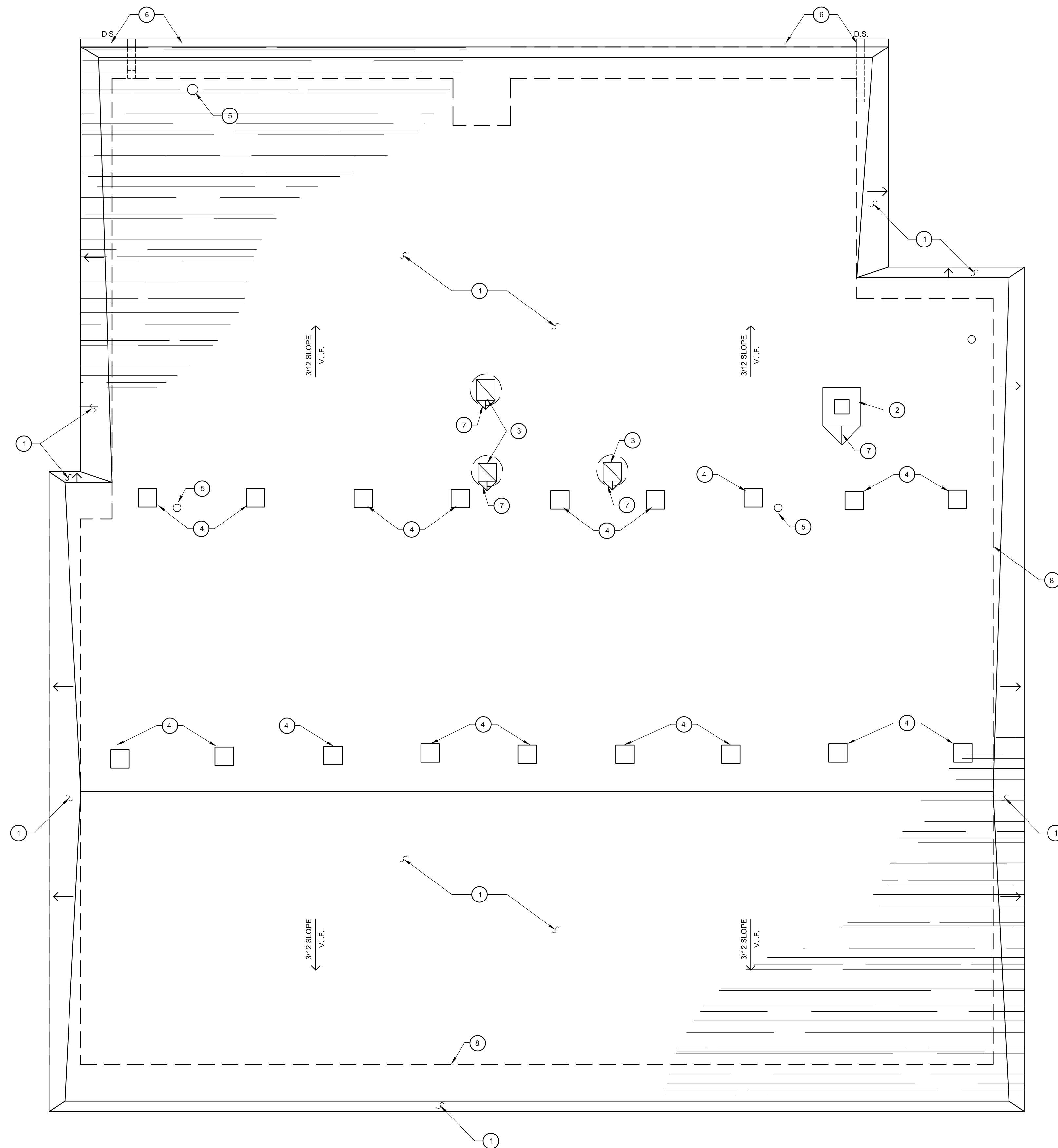
- EXISTING EXTERIOR ROOF SHEATHING TO REMAIN. REMOVE DAMAGED EXISTING EXTERIOR ROOF SHEATHING AS REQUIRED. GENERAL CONTRACTOR TO INCLUDE 800 S.F. OF NEW 3/4" EXTERIOR GRADE SHEATHING FOR ROOF. PROVIDE UNIT PRICE FOR THE REMOVAL/REPLACEMENT OF ANY ADDITIONAL DAMAGED SHEATHING AND ROOF NAILERS. PREPARE EXISTING SURFACE FOR NEW ROOF.

ROOF PLAN KEYNOTES

- NEW DIMENSIONAL ASPHALT SHINGLES ON 15# FELT OVER NEW ICE AND WATER SHIELD (ENTIRE ROOF AREA) OVER EXISTING ROOF SHEATHING. REFER TO ROOF PLAN GENERAL NOTE 1.
- EXISTING CHIMNEY TO REMAIN. PROVIDE NEW STONE CAP.
- EXISTING ROOF EXHAUST FAN TO REMAIN.
- NEW ALUMINUM ROOF VENTS (TYPICAL FOR 18)
- EXISTING VENT THROUGH ROOF TO REMAIN. VERIFY EXACT LOCATIONS IN THE FIELD. PROVIDE NEW FLASHING AS REQUIRED.
- NEW GUTTERS AND DOWNSPOUTS. TIE DOWNSPOUTS TO UNDERGROUND SEWER LINE. REFER TO CIVIL DRAWINGS.
- PROVIDE NEW SADDLES AT EXISTING CURBS AND CHIMNEY.
- LINE OF WALL BELOW.

ROOF LEGEND

→ ROOF SLOPE DIRECTION - EXISTING PITCH TO REMAIN



1 PROPOSED ROOF PLAN
A121 SCALE: 1/4" = 1'-0"
 NORTH

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| PROJECT NAME: | |

**FIRE STATION NO. 4
 BUILDING
 IMPROVEMENTS**

SHEET TITLE:

ROOF PLAN

CLIENT: **PORT HURON**

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| <input type="checkbox"/> PRELIMINARY | <input checked="" type="checkbox"/> CONSTRUCTION | <input type="checkbox"/> RECORD |
| DRAWN BY: K. NYE | DESIGNED BY: K. NYE | |
| CHECKED BY: B. CHIRCO | DATE: MARCH 2026 | |
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DURING CONSTRUCTION, THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN OPERATING NEAR ANY AND ALL OVERHEAD AND / OR BURIED UTILITIES.

PROJECT NO. **0182-0011**

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SHEET NO.

A121



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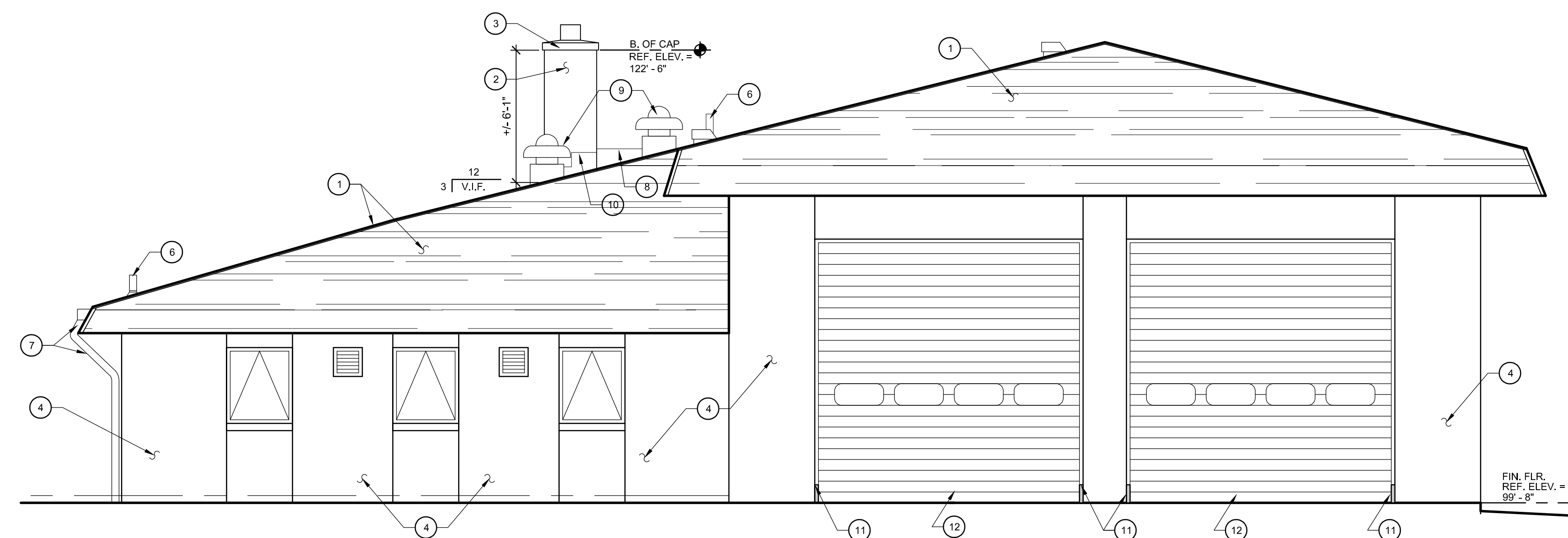
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EXTERIOR ELEVATION GENERAL NOTES

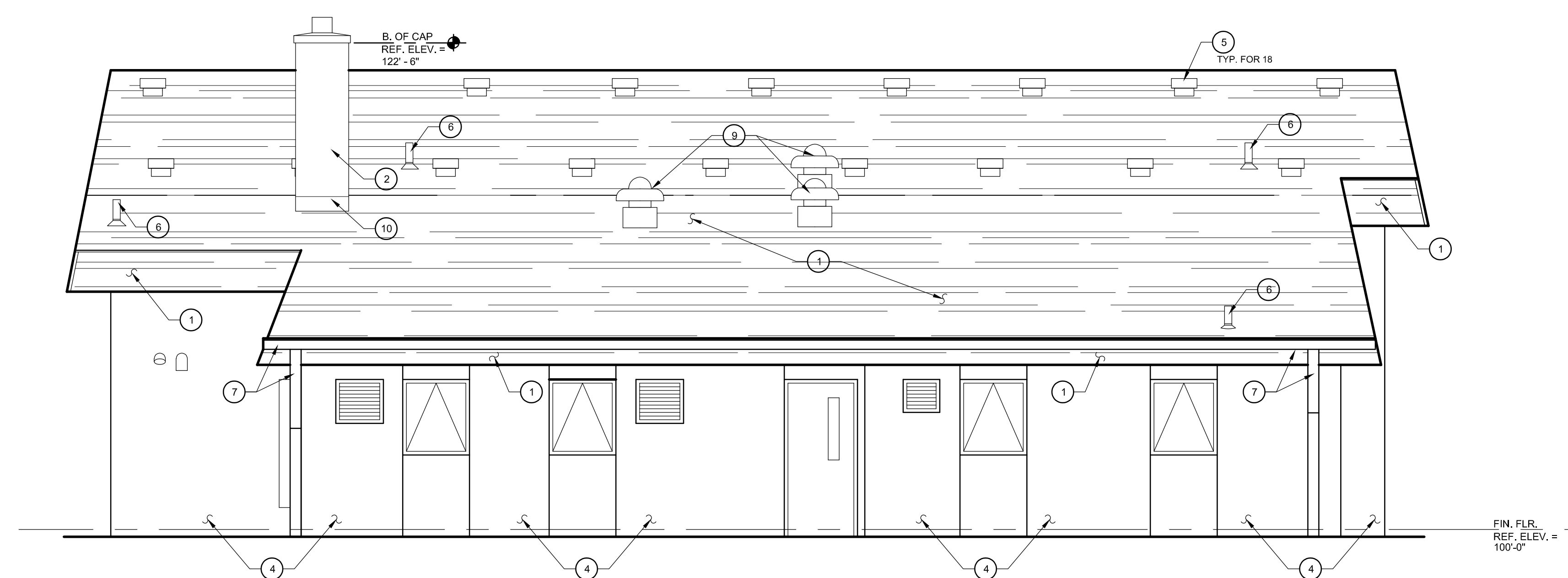
1. REPLACE DAMAGED EXISTING EXTERIOR ROOF SHEATHING AS REQUIRED. GENERAL CONTRACTOR TO INCLUDE 800 S.F. OF NEW 3/4" EXTERIOR GRADE SHEATHING. PROVIDE UNIT PRICE FOR REMOVAL/REPLACEMENT OF ANY ADDITIONAL DAMAGED SHEATHING AND TREATED WOOD NAILERS.
2. ICE AND WATER SHIELD SHOULD BE INSTALLED OVER THE ENTIRE ROOF AREA.
3. FLASH AND SEAL ALL ROOF PENETRATIONS.
4. GENERAL CONTRACTOR TO INCLUDE 500 S.F. OF TUCK POINTING OF DECORATIVE BLOCK, INCLUDING CHIMNEY (INCLUDE THE LABOR AND MATERIALS).
5. GENERAL CONTRACTOR TO PROVIDE A UNIT PRICE FOR THE LABOR AND MATERIALS REQUIRED FOR THE REMOVAL AND REPLACEMENT OF ANY DAMAGED TREATED WOOD NAILERS.

EXTERIOR ELEVATION KEYNOTES

1. PROVIDE NEW DIMENSIONAL ASPHALT SHINGLES ON 15# FELT OVER NEW ICE AND WATER SHIELD (ENTIRE ROOF AREA) OVER EXISTING SHEATHING. REFER TO EXTERIOR ELEVATION GENERAL NOTES. CONTRACTOR TO PROVIDE CERTAIN TEED HIP AND RIDGE CAPS.
2. EXISTING CHIMNEY TO REMAIN. TUCK POINT EXISTING DECORATIVE BLOCK (66 S.F.)
3. NEW STONE CAP FOR CHIMNEY, PROFILE TO MATCH EXISTING. SEE DETAIL ON SHEET A202.
4. TUCKPOINT EXISTING DECORATIVE BLOCK AS REQUIRED.
5. NEW SLANT BACK ROOF VENTS (TYPICAL FOR 18)
6. EXISTING VENT THROUGH ROOF
7. PROVIDE NEW GUTTER AND DOWNSPOUTS. TIE DOWNSPOUTS TO NEW UNDERGROUND SEWER LINE - REFER TO CIVIL DRAWINGS.
8. PROVIDE NEW SADDLES AT EXISTING CURBS.
9. EXISTING ROOF EXHAUST FAN TO REMAIN.
10. PROVIDE NEW STEP FLASHING WHERE CHIMNEY AND ROOF MEET.
11. REMOVE AND REPLACE PORTION OF DETERIORATED STEEL JAMB. REFER TO DETAILS 4 AND 5 ON SHEET A601. PAINT ENTIRE STEEL ANGLE AT JAMB.
12. EXISTING OVERHEAD DOOR (PAINT)



2 WEST ELEVATION
A101 SCALE: 1/4" = 1'-0"



1 NORTH ELEVATION
A101 SCALE: 1/8" = 1'-0"

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| 03/27/2026 | BID SET |
| 02/24/2026 | 90% CD |
| DATE | SUBMITTALS/REVISIONS |

PROJECT NAME:

FIRE STATION NO. 4 BUILDING IMPROVEMENTS

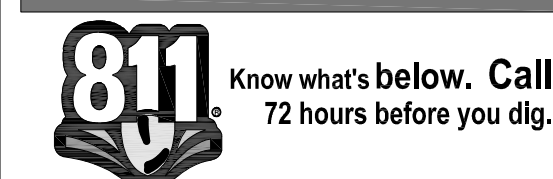
SHEET TITLE:

EXTERIOR ELEVATIONS

CLIENT:

PORT HURON

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| DRAWN BY: | DESIGNED BY: | |
| K. NYE | K. NYE | |
| CHECKED BY: | DATE: | |
| B. CHIRCO | MARCH 2026 | |
| SCALE: | | |



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PROJECT NO.

0182-0011

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SHEET NO.

A201



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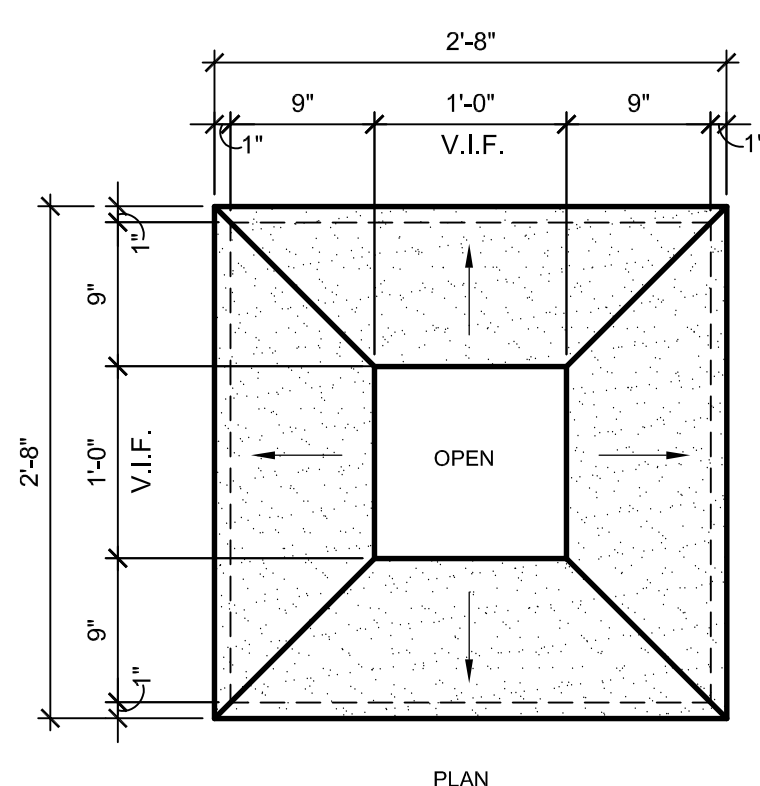
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EXTERIOR ELEVATION GENERAL NOTES

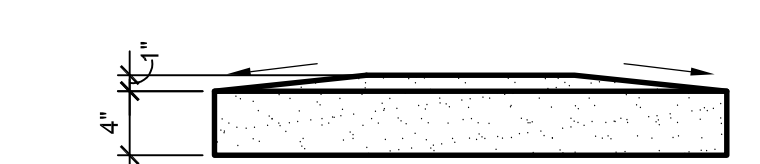
1. REPLACE DAMAGED EXISTING EXTERIOR ROOF SHEATHING AS REQUIRED. GENERAL CONTRACTOR TO INCLUDE 800 S.F. OF NEW 3/4" EXTERIOR GRADE SHEATHING. PROVIDE UNIT PRICE FOR REMOVAL/REPLACEMENT OF ANY ADDITIONAL DAMAGED SHEATHING AND TREATED WOOD NAILERS.
2. ICE AND WATER SHIELD SHOULD BE INSTALLED OVER THE ENTIRE ROOF AREA.
3. FLASH AND SEAL ALL ROOF PENETRATIONS.
4. GENERAL CONTRACTOR TO INCLUDE 500 S.F. OF TUCK POINTING OF DECORATIVE BLOCK, INCLUDING CHIMNEY (INCLUDE THE LABOR AND MATERIALS).
5. GENERAL CONTRACTOR TO PROVIDE A UNIT PRICE FOR THE LABOR AND MATERIALS REQUIRED FOR THE REMOVAL AND REPLACEMENT OF ANY DAMAGED TREATED WOOD NAILERS.

EXTERIOR ELEVATION KEYNOTES

1. PROVIDE NEW DIMENSIONAL ASPHALT SHINGLES ON 15# FELT OVER NEW ICE AND WATER SHIELD (ENTIRE ROOF AREA) OVER EXISTING SHEATHING. REFER TO EXTERIOR ELEVATION GENERAL NOTES. CONTRACTOR TO PROVIDE CERTAIN TEED HIP AND RIDGE CAPS.
2. EXISTING CHIMNEY TO REMAIN. TUCK POINT EXISTING DECORATIVE BLOCK (66 S.F.)
3. NEW STONE CAP FOR CHIMNEY, PROFILE TO MATCH EXISTING. SEE DETAIL ON SHEET A202.
4. TUCKPOINT EXISTING DECORATIVE BLOCK AS REQUIRED.
5. NEW SLANT BACK ROOF VENTS (TYPICAL FOR 18)
6. EXISTING VENT THROUGH ROOF
7. PROVIDE NEW GUTTER AND DOWNSPOUTS. TIE DOWNSPOUTS TO NEW UNDERGROUND SEWER LINE - REFER TO CIVIL DRAWINGS.
8. PROVIDE NEW SADDLES AT EXISTING CURBS.
9. EXISTING ROOF EXHAUST FAN TO REMAIN.
10. PROVIDE NEW STEP FLASHING WHERE CHIMNEY AND ROOF MEET.
11. REMOVE AND REPLACE PORTION OF DETERIORATED STEEL JAMB. REFER TO DETAILS 4 AND 5 ON SHEET A601. PAINT ENTIRE STEEL ANGLE AT JAMB.

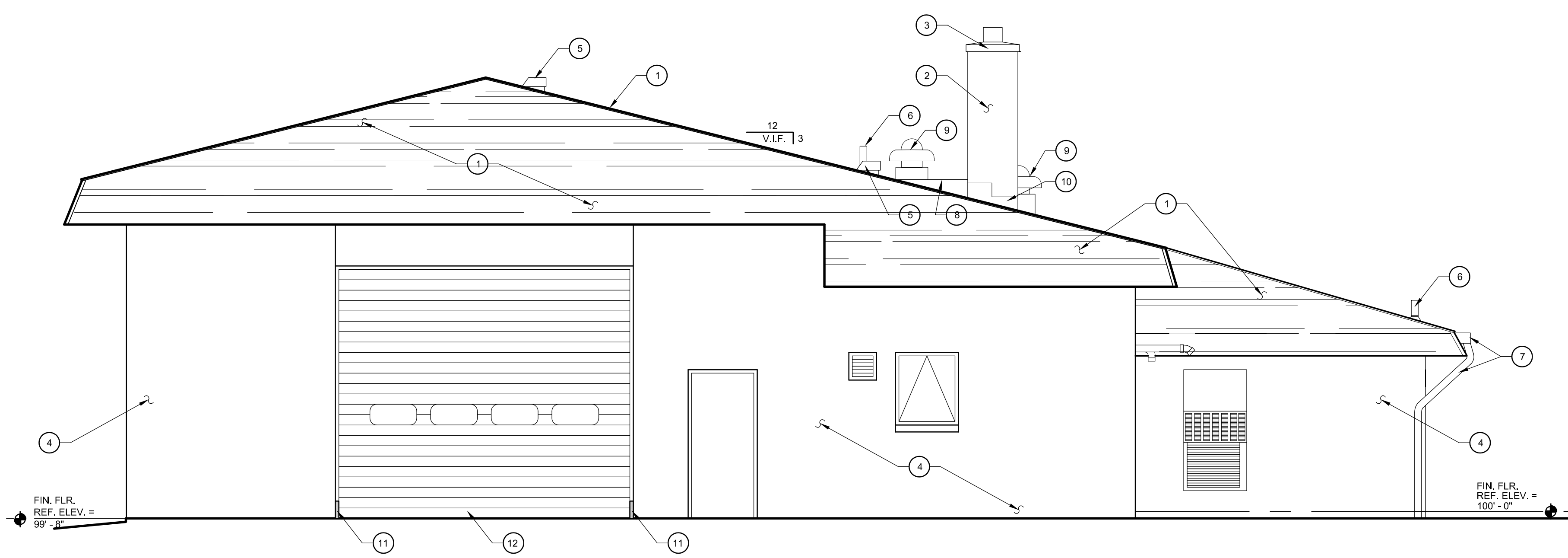


PLAN

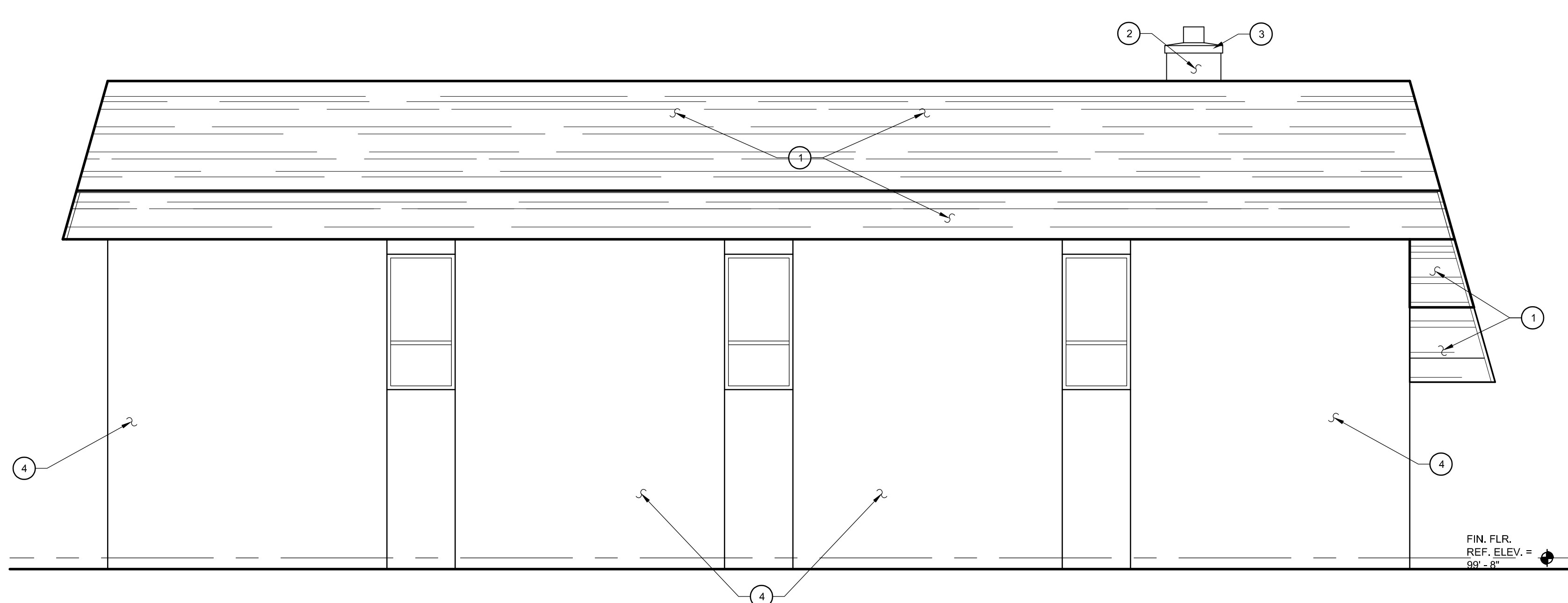


ELEVATION

2 **DETAIL OF CAST STONE CHIMNEY CAP**
 A101 SCALE: 1/4" = 1'-0"
 NOTE: STONE CAP DIMENSIONS AND PROFILE TO MATCH EXISTING. VERIFY ALL DIMENSIONS IN THE FIELD.



2 **EAST ELEVATION**
 A101 SCALE: 1/4" = 1'-0"



1 **SOUTH ELEVATION**
 A101 SCALE: 1/4" = 1'-0"

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| 03/27/2026 | BID SET |
| 02/24/2026 | 95% CD |
| DATE | SUBMITTALS/REVISIONS |

PROJECT NAME:

FIRE STATION NO. 4 BUILDING IMPROVEMENTS

SHEET TITLE:

EXTERIOR ELEVATIONS

CLIENT: PORT HURON

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| DRAWN BY: K. NYE | DESIGNED BY: K. NYE | |
| CHECKED BY: B. CHIRCO | DATE: MARCH 2026 | |
| SCALE: | | |



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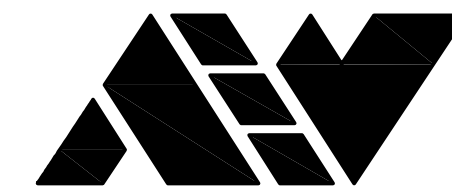
DURING CONSTRUCTION, THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN OPERATING NEAR ANY AND ALL OVERHEAD AND / OR BURIED UTILITIES.

PROJECT NO. 0182-0011

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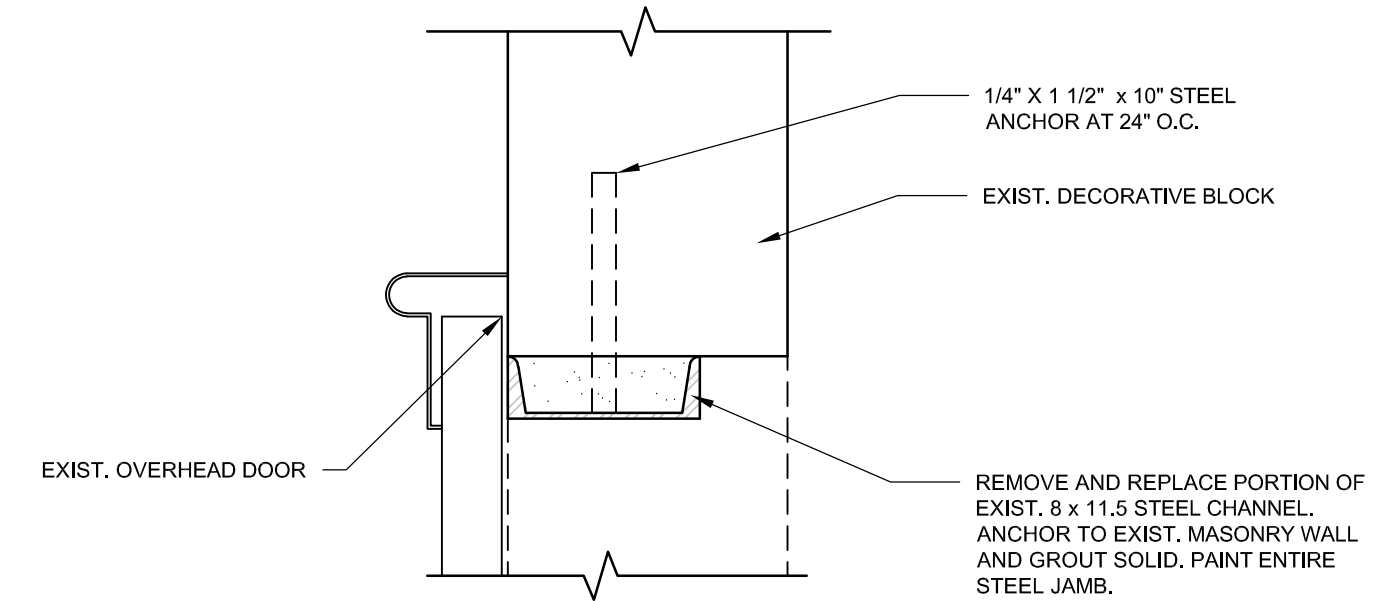
A202



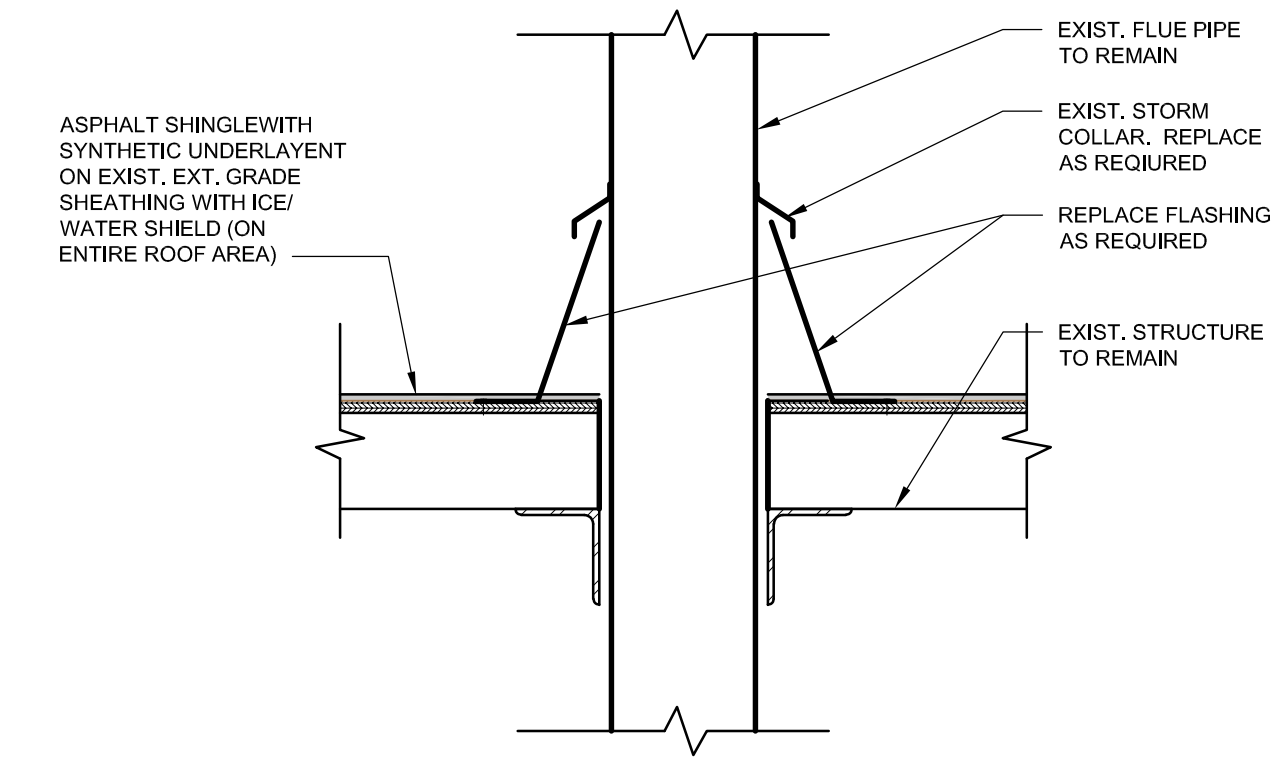
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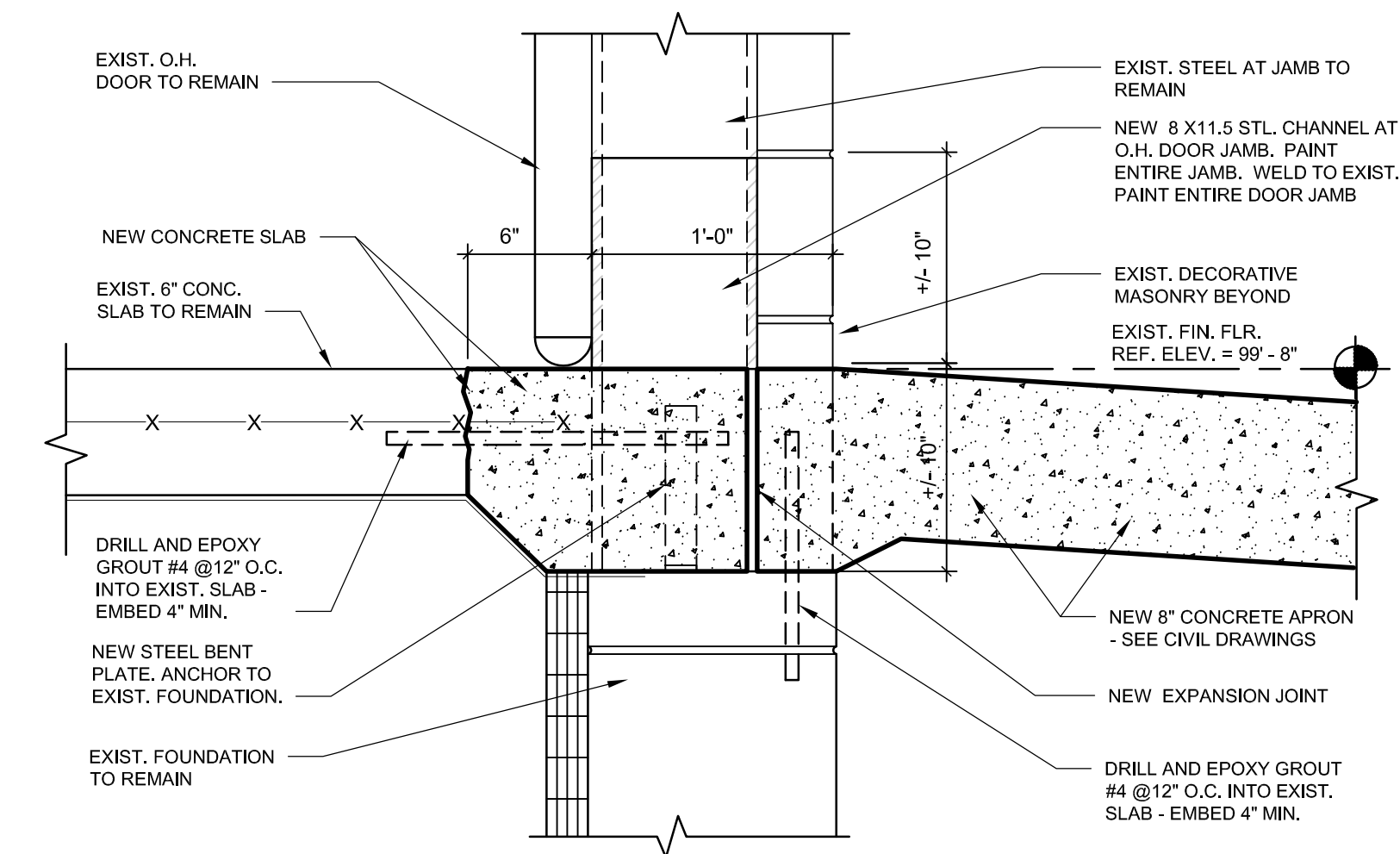
Engineering Strong Communities



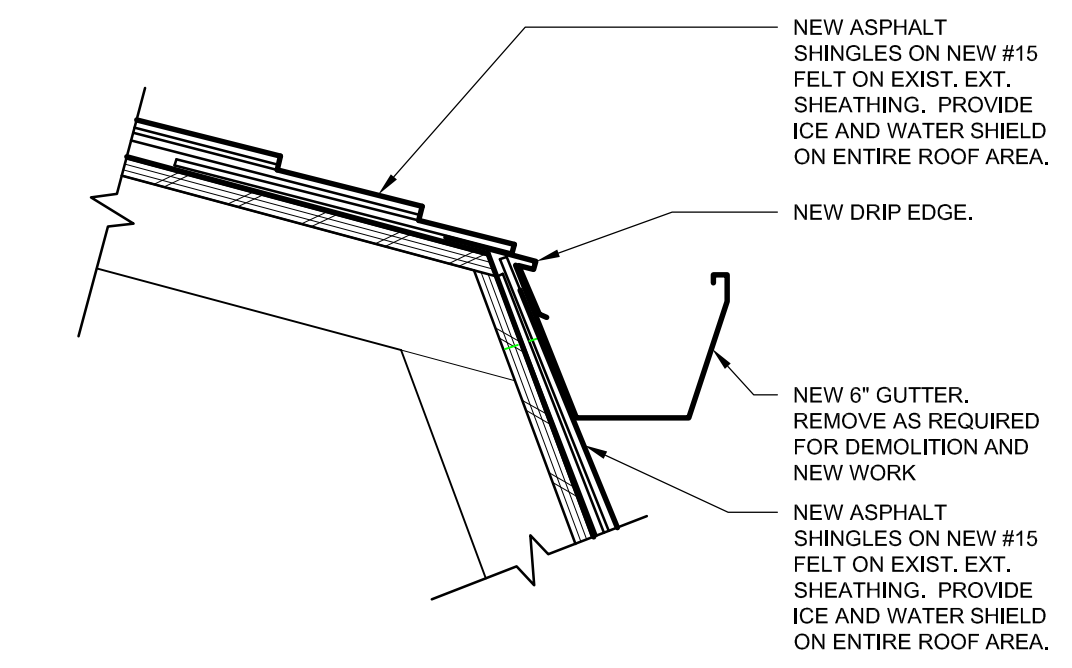
6 PLAN DETAIL AT O.H. DOOR JAMB (NEW WORK)
A101 SCALE: 1" = 1'-0"



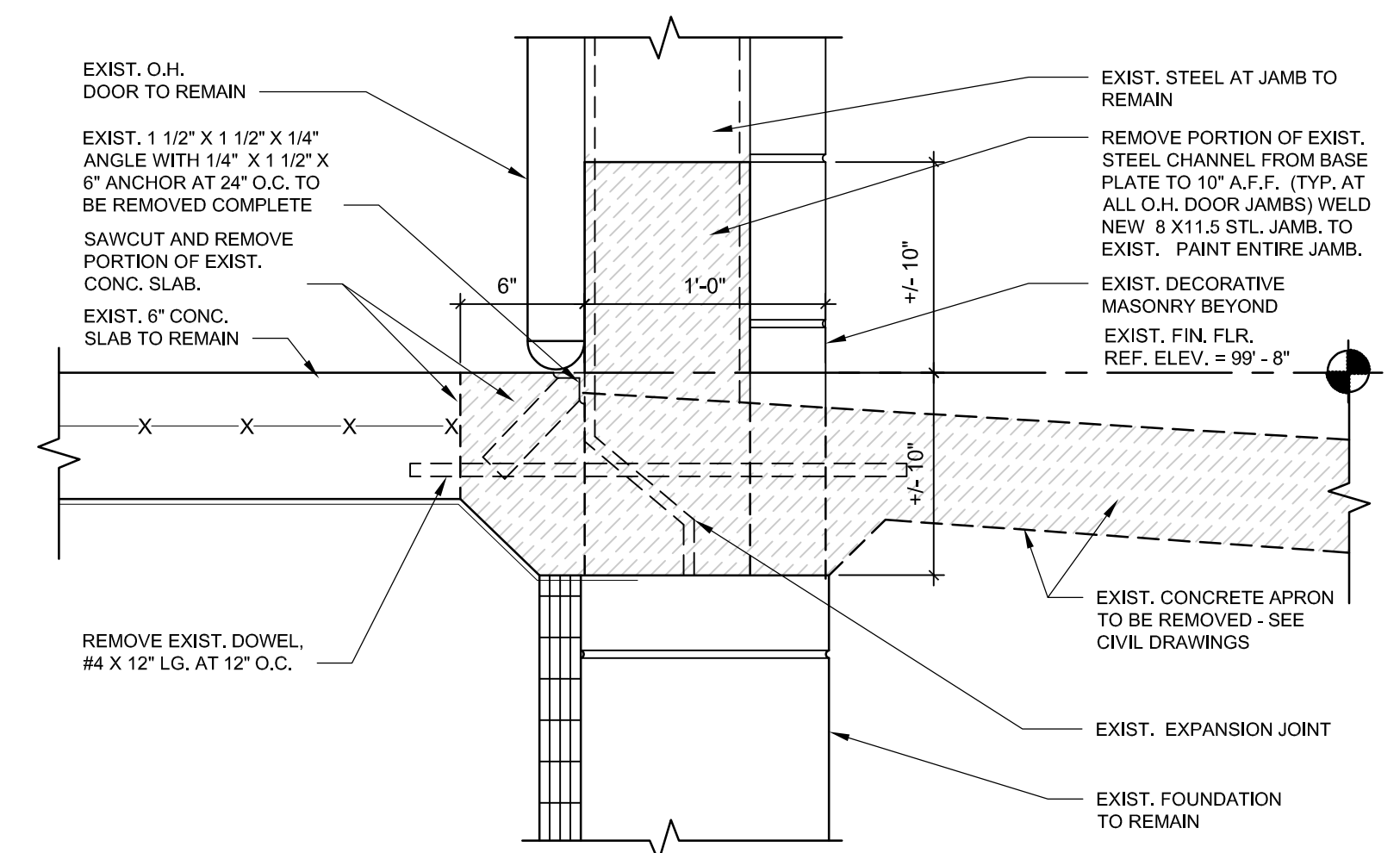
3 DETAIL AT ROOF FLUE
SCALE: 1 1/2" = 1'-0"



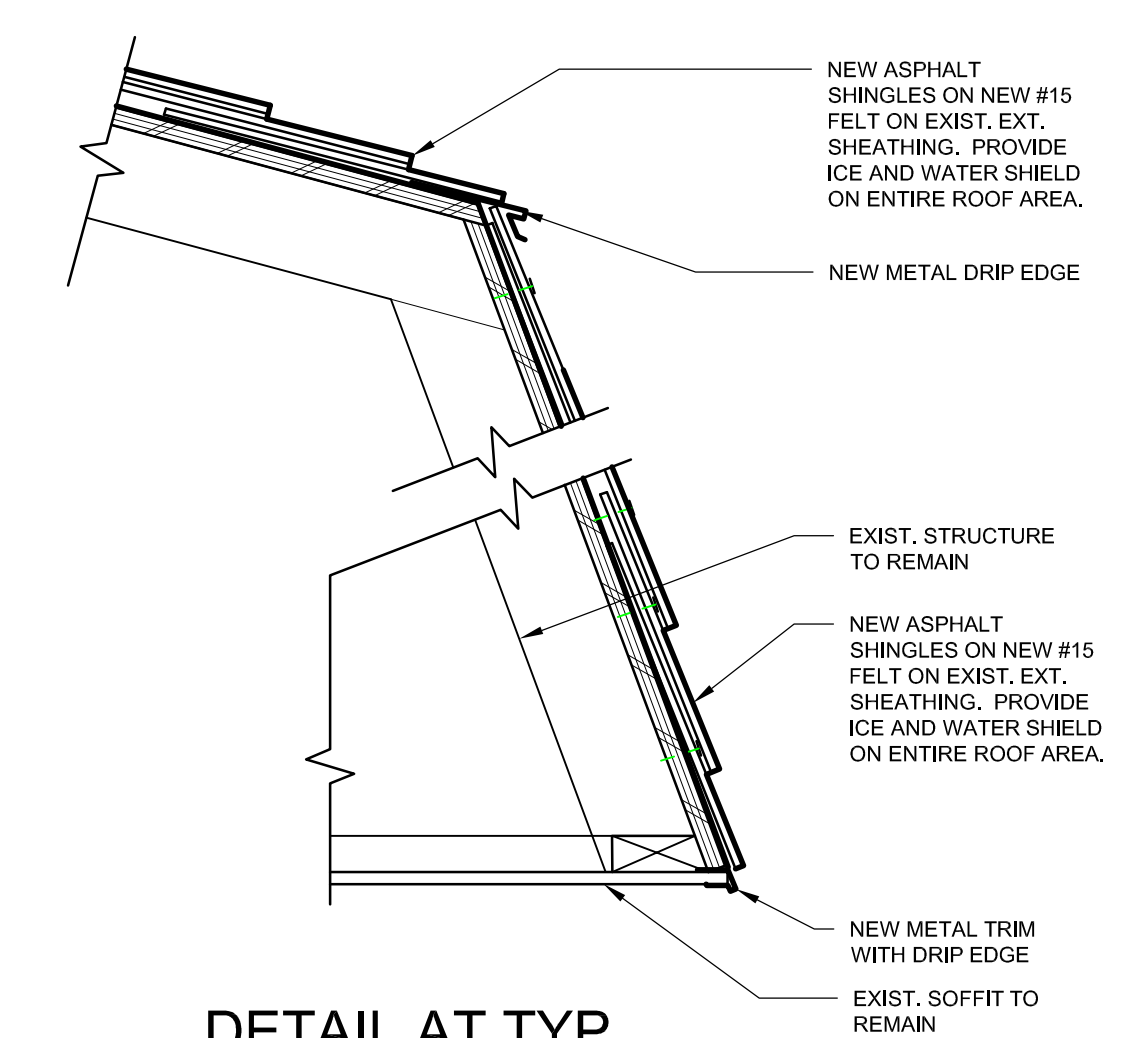
5 SECTION DETAIL AT O.H. DOOR SILL (NEW WORK)
A101 SCALE: 1" = 1'-0"



2 DETAIL AT ROOF EAVE
SCALE: 1" = 1'-0"



4 SECTION DETAIL AT O.H. DOOR SILL (DEMO)
A101 SCALE: 1" = 1'-0"



1 DETAIL AT TYP. SOFFIT/ROOF EAVE
SCALE: 1 1/2" = 1'-0"

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| 03/27/2026 | BID SET |
| 02/24/2026 | 90% CD |
| DATE | SUBMITTALS/REVISIONS |
| PROJECT NAME: | |

FIRE STATION NO. 4 BUILDING IMPROVEMENTS

SHEET TITLE:

DETAILS

CLIENT: PORT HURON

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| DRAWN BY: | DESIGNED BY: | |
| K. NYE | K. NYE | |
| CHECKED BY: | DATE: | |
| B. CHIRCO | MARCH 2026 | |
| SCALE: | | |



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