

Iowa Department of Natural Resources
 Construction Document
 Visitor Center Repairs
 for
 Lewis and Clark State Park
 Monona County, IA

Project #21-01-67-01
 Plans prepared by
 Land and Waters Bureau
 Conservation and Recreation Division

AUTHORIZATION TO BID			
BUREAU CHIEF - LAND AND WATERS	DATE	PARKS WILDLIFE FISHERIES LAW ENFORCEMENT	DATE

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Architect		DNR Inspector	
COMPANY	Iowa Department of Natural Resources	COMPANY	Iowa Department of Natural Resources
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Lewis and Clark State Park has a Visitor Center built in 2009 and the half-log siding is in poor condition and many areas were not properly flashed or installed correctly. This project will replace all of the siding and repair many of the concrete areas around the building as well as replace stone, a window, and other minor repairs.



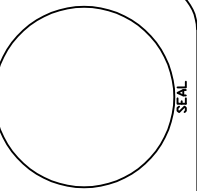
I hereby certify that this architectural document was prepared by me or under my direct personal supervision and that I am a duly Registered Professional Architect under the laws of the State of Iowa.

RYAN E. RICHEY _____ DATE _____

My license renewal date is June 30, 2023.

Pages or sheets covered by this seal:

A-001 - A-101



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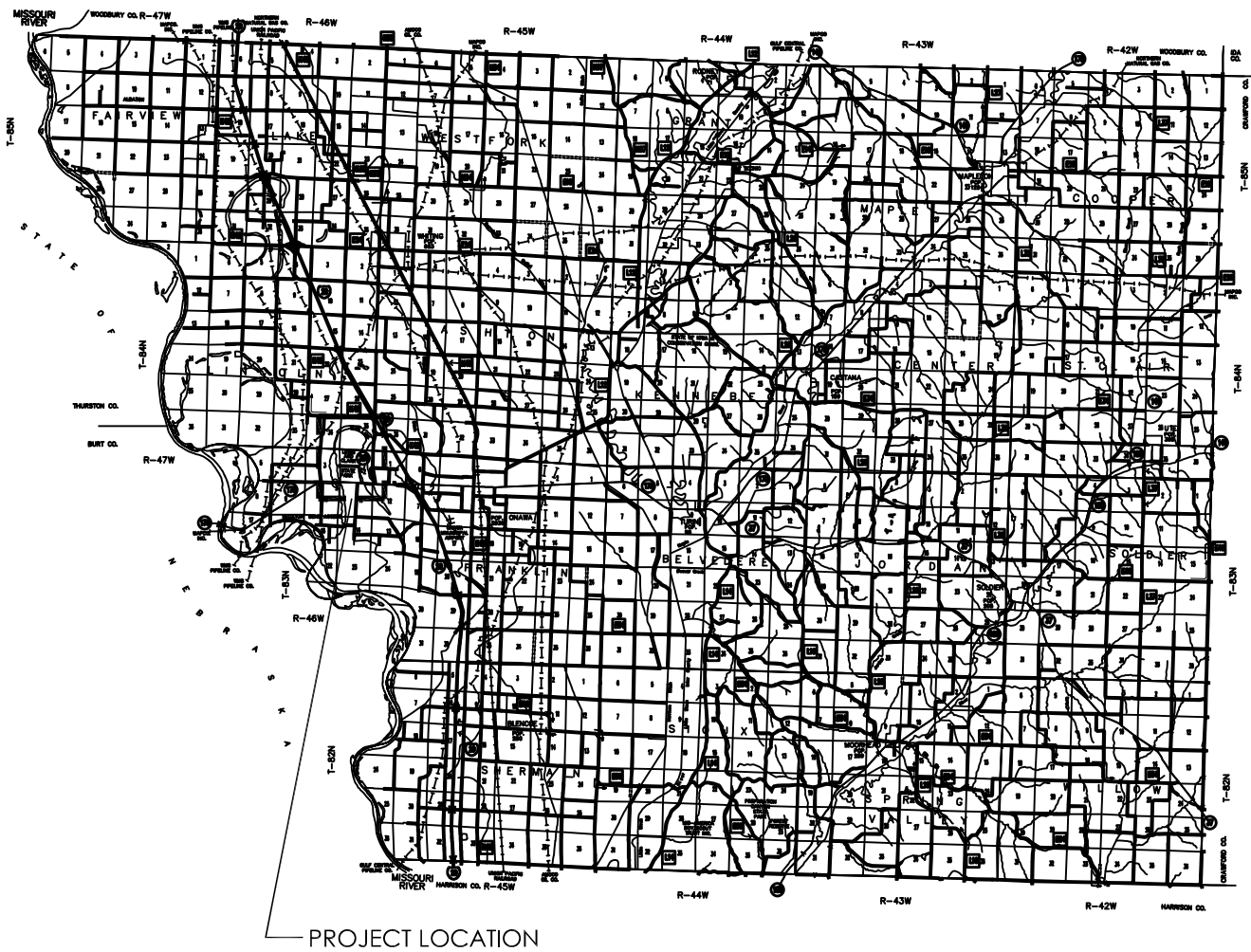


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BID ITEMS		
ITEM #	ITEM DESCRIPTION	ITEM NUMBER
1	Mobilization	Lump Sum
2	Demolition and Cleaning	Lump Sum
3	Glass Replacement	1 EA
4	Window Tinting	Lump Sum
5	Retaining Wall Stain and Sealer	450 SF
6	Building Wrap, Flashing, and Siding	Lump Sum
7	Stone Repair, Painting, and Caulking	Lump Sum
8	Concrete Stoops (8X24) and Dowels	Lump Sum
9	Concrete Sidewalks with Dowels	27 SY
10	Sheathing Replacement	320 SF

Visitor Center Repairs for:
 Lewis and Clark State Park
 Onawa, IA 51040
 21914 Park Loop

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PROJECT LOCATION

02 MONONA COUNTY – LEWIS AND CLARK STATE PARK
SCALE: NTS



VISITOR CENTER
PROJECT LOCATION

01 LEWIS AND CLARK STATE PARK – PROJECT LOCATION
SCALE: NTS

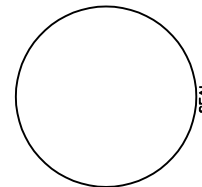


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A-002



SEAL

GENERAL CONSTRUCTION NOTES

VERIFY ACTUAL LOCATIONS AND ELEVATIONS WITH DNR ENGINEER.

ALL WORK SHALL CONFORM TO AND BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE CODES AND ORDINANCES.

THE CONTRACTOR SHALL VISIT THE SITE AND INSPECT THE PROJECT AREA AND THOROUGHLY FAMILIARIZE THEMSELVES WITH THE ACTUAL JOB CONDITIONS PRIOR TO BIDDING AND THE START OF WORK. FAILURE TO VISIT THE PROJECT SITE SHALL NOT RELIEVE THE CONTRACTOR FROM PERFORMING THE WORK IN ACCORDANCE TO THE PLANS, SPECIFICATION, SPECIAL PROVISIONS AND CONTRACT.

THE CONTRACTOR SHALL VERIFY, AT THE SITE, ALL DIMENSIONS AND CONDITIONS SHOWN ON THE PLANS AND SHALL NOTIFY THE DNR ENGINEER OF ANY DISCREPANCIES, OMISSIONS, AND/OR CONFLICTS PRIOR TO PROCEEDING WITH THE WORK.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE WASTE AREAS OR DISPOSAL SITES FOR EXCESS MATERIAL (EXCAVATED MATERIAL OR BROKEN CONCRETE) WHICH IS NOT DESIRABLE TO BE INCORPORATED INTO THE WORK INVOLVED ON THIS PROJECT. NO PAYMENT FOR OVERHAUL WILL BE ALLOWED FOR MATERIAL HAULED TO THESE SITES. NO MATERIAL SHALL BE PLACED WITHIN THE RIGHT-OF-WAY, UNLESS SPECIFICALLY STATED IN THE PLANS OR APPROVED BY THE DNR ENGINEER.

THE CONTRACTOR SHALL NOT DISTURB DESIRABLE GRASS AREAS AND DESIRABLE TREES OUTSIDE THE CONSTRUCTION LIMITS. THE CONTRACTOR WILL NOT BE PERMITTED TO PARK OR SERVICE VEHICLES AND EQUIPMENT OR USE THESE AREAS FOR STORAGE OF MATERIALS. STORAGE, PARKING AND SERVICE AREAS WILL BE SUBJECT TO THE APPROVAL OF THE DNR ENGINEER.

WHERE UTILITIES AND FIXTURES ARE SHOWN AS EXISTING ON THE PLANS OR ENCOUNTERED WITHIN THE CONSTRUCTION AREA, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE DNR ENGINEER OF THOSE UTILITIES PRIOR TO THE BEGINNING OF ANY CONSTRUCTION. THE CONTRACTOR SHALL BE AFFORDED ACCESS TO THESE FACILITIES FOR NECESSARY MODIFICATION OF SERVICES. UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS AND THEREFORE THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. IT IS POSSIBLE THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS PRESENTLY NOT KNOWN OR SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THEIR EXISTENCE AND EXACT LOCATION AND TO AVOID DAMAGE THERETO. NO CLAIMS FOR ADDITIONAL COMPENSATION WILL BE ALLOWED TO THE CONTRACTOR FOR ANY INTERFERENCE OR DELAY CAUSED BY SUCH WORK.

THE CONTRACTOR SHALL SHAPE GRADED AREA TO MAINTAIN SURFACE DRAINAGE. ALL ELEVATIONS ARE TO FINISH GRADE.

THE CONTRACTOR IS EXPECTED TO HAVE MATERIALS, EQUIPMENT, AND LABOR AVAILABLE ON A DAILY BASIS TO INSTALL AND MAINTAIN EROSION CONTROL FEATURES ON THE PROJECT. THIS MAY INVOLVE SEEDING, SILT FENCE, ROCK DITCH CHECKS, SILT BASINS OR SILT DIKES.

ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH STATEWIDE URBAN STANDARD DESIGN SPECIFICATIONS FOR PUBLIC IMPROVEMENTS (SUDAS). ALL CONSTRUCTION TESTING TO BE IN ACCORDANCE WITH SUDAS AND IS THE EXPENSE OF THE CONTRACTORS.

GENERAL NOTES

- A. CONTRACTOR TO FIELD VERIFY ALL UTILITY LOCATIONS PRIOR TO WORK COMMENCING.
- B. CONTRACTOR SHALL CAULK ALL CONCRETE EXPANSION JOINTS WITH FLOWABLE URETHANE SEALANT, COLOR TO BE GRAY.
- C. COLOR MATCH WINDOW FRAMES AND HALF-LOG SIDING FOR PAINTING THE SIDING AND TRIM. SUBMIT COLOR MATCH SAMPLES FOR APPROVAL.

PROJECT NARRATIVE

The contractor shall be responsible for providing and installing all items within this narrative, the drawings, and project manual unless specifically noted otherwise. This narrative is not meant to be a comprehensive account of all items to be covered by the contract, review all documents. Contractor is responsible for field verifying all dimensions and establishing all quantities that are dictated as "lump sum".

This project, for Lewis and Clark State Park – Visitor Center Repairs, shall commence when all contracts are executed and in place. Construction shall be completed no later than December 30, 2022.

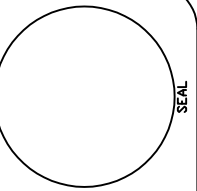
The contractor shall remove and replace the window glass from the trapezoid window on the South facade. Glass shall be replaced with, double-glazed, argon filled, low-e insulated glass, per Iowa Energy code requirements.

The contractor shall remove all half-log wood siding, wood trim, flashing, caulking, and all building wrap from the Visitor Center. The contractor shall inspect all sheathing and ensure solid and rot-free sheathing or replace sheathing where the DNR Inspector instructs the Contractor to replace. The contractor shall then install a continuous WRB building wrap, then install LP Smartside Lap siding and trim, or approved equal, over all areas that originally had half-log siding. Contractor shall install trim as specified around windows, doors, and corners where stone and siding meet. Contractor shall caulk and flash all areas required by siding manufacturer's installation instructions. Contractor shall then paint siding and trim two (2) coats of Sherwin Williams exterior Duration, or approved equal. Color to be determined.

The contractor shall remove all cultured stone from both retaining walls, thoroughly clean both walls with acid wash to removed particulate and mortar. The contractor shall then stain the walls, when dry, seal the stain on the walls as outlined. Contractor shall follow stain and sealer manufacturer's application instructions. Contractor shall reinstall all loose stone around the building with the stone that has fallen off. Contractor shall demolish and remove part of the concrete sidewalk and entrance patio as shown. The contractor shall replace the entrance area with a stoop footing and sidewalk areas as shown in the drawings.

KEYNOTES

1. REMOVE ALL WOOD HALF-LOG SIDING AND BUILDING WRAP ON THE ENTIRE BUILDING AND DISPOSE. PROTECT ALL LIGHTS, ELECTRICAL, WINDOWS AND DOORS, WHILE REMOVING SIDING. MINOR REMOVAL OF ITEMS AND REINSTALLATION SHALL BE INCIDENTAL TO THE CONTRACT. INSPECT SHEATHING AND REPLACE AS DIRECTED BY DNR INSPECTOR.
2. REMOVE AND DISPOSE OF ALL STONE VENEER ON THE EXISTING CONCRETE RETAINING WALLS ONLY, CAPSTONES TO REMAIN. MECHANICALLY REMOVE ALL MORTAR RESIDUE AND ACCESSORIES FROM WALL.
3. 3M PRESTIGE 40% LIGHT TRANSMITTANCE TINTING FILM, OR APPROVED EQUAL, TO BE APPLIED TO ALL WINDOWS, BOTH LEVELS, ON THE LAKE SIDE (SOUTH). APPLY TINTING PER MANUFACTURER'S INSTRUCTIONS.
4. REMOVE PLATE-GLASS WINDOW FROM STOREFRONT FRAME AND REPLACE WITH THE SAME SIZE GLASS. GLASS TO BE LOW-E, ARGON FILLED, GLASS PANEL WITH WINDOW TINT APPLIED AFTER INSTALLATION.
5. INSTALL NEW FLASHING OVER ALL STONE CAPS, WINDOWS, AND DOORS ACCORDING TO PER SIDING MANUFACTURER INSTALLATION INSTRUCTIONS.
6. INSTALL NEW WATER-RESISTIVE BUILDING WRAP (IBC 1402.2) OVER EXPOSED SHEATHING AND INSTALL LP SMARTSIDE, 38 SERIES CEDAR TEXTURE, 11.84" LAP SIDING, OR APPROVED EQUAL. PAINT TWO (2X) COATS OF SHERWIN WILLIAMS EXTERIOR DURATION, OR APPROVED EQUAL, COLOR TBD. CAULK ALL JOINTS AS REQUIRED BY SIDING MANUFACTURER.
7. INSTALL LP SMARTSIDE 440 SERIES CEDAR TEXTURE TRIM AROUND ALL WINDOWS, DOORS, AND AGAINST SIDES OF STONE. BUTT LAP SIDING INTO TRIM, CAULK AND FLASH ACCORDING TO MANUFACTURER'S INSTRUCTIONS. PAINT TWO (2X) COATS OF SHERWIN WILLIAMS EXTERIOR DURATION, OR APPROVED EQUAL, COLOR TO BE DARK BRONZE TO MATCH FRAMES.
8. ACID ETCH WALLS, THEN APPLY H&C COLORTOP WATER-BASED CONCRETE STAIN, OR APPROVED EQUAL, SUBMIT COLOR CHART FOR SELECTION. COAT WALL WITH SATIN-SHEEN CONCRETE SEALER, APPLY PER MANUFACTURER'S INSTRUCTIONS.
9. 6" CONCRETE SIDEWALK/PATIO WITH #4 REBAR 24" O.C. BOTH WAYS WITH 6" SUBBASE. EPOXY #4 24" DOWELS INTO ADJACENT SLABS 12" @ 24" O.C. REFER TO DETAIL 02/A-004.
10. 8" CONCRETE STOOP FOOTING WITH #4 REBAR 12" O.C. BOTH DIRECTIONS. 6" SLAB WITH #4 REBAR 24" O.C. OVER 6" OF SUBBASE, REFER TO DETAIL 01/A-004.
11. DEMOLISH EXISTING CONCRETE SIDEWALK/PATIO, PREP AREA FOR INSTALL OF NEW SIDEWALK/PATIO AND STOOP FOOTINGS.
12. EXISTING STAIR TO REMAIN. DOWEL NEW SIDEWALK INTO EXISTING STAIR.
13. REMOVE EXISTING STONE VENEER, INSTALL BASE "L" FLASHING AND WEEP SCREED, REINSTALL STONE 2" ABOVE SIDEWALK.
14. INSTALL EXPANSION MATERIAL AND FLOWABLE POLYURETHANE CAULK, CONTINUOUS.
15. REMOVE AND REPLACE EXISTING CAPSTONE AT THE END OF WALL, REINSTALL TO MATCH EXISTING CAPSTONES.
16. DIG OUT AND REMOVE EXPANSION JOINT AND CAULKING ALONG EAST WALL OF BUILDING.
17. ADD 36" WIDE, 60MIL EPDM MAT, INSTALL TO EXISTING BUILDING WALL WITH TERMINATION BAR, LAY UNDER SUBBASE.



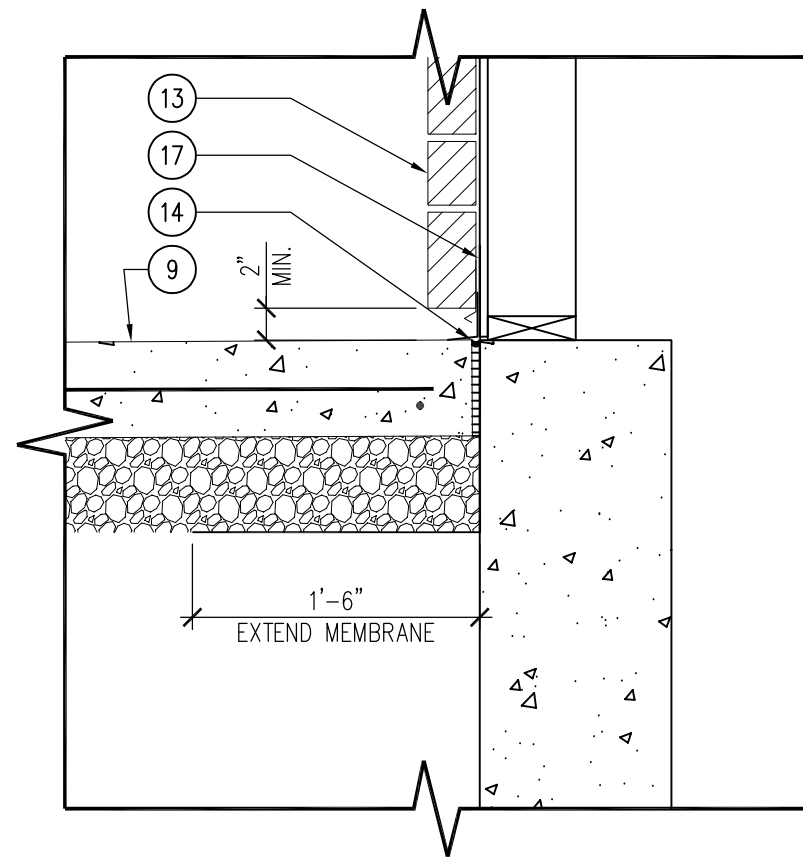
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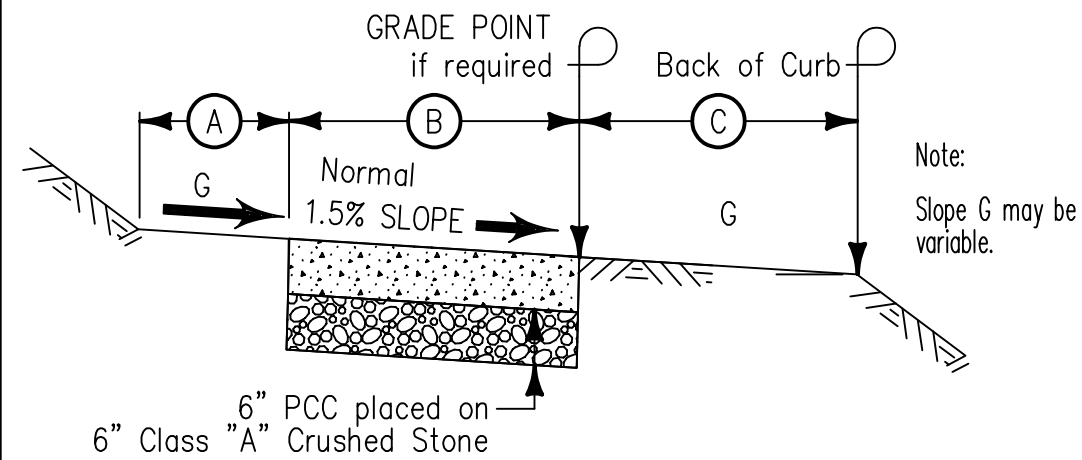
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07.19.2022
A-003



03 DETAIL – SIDEWALK AND BUILDING
SCALE: 1" = 1'-0"

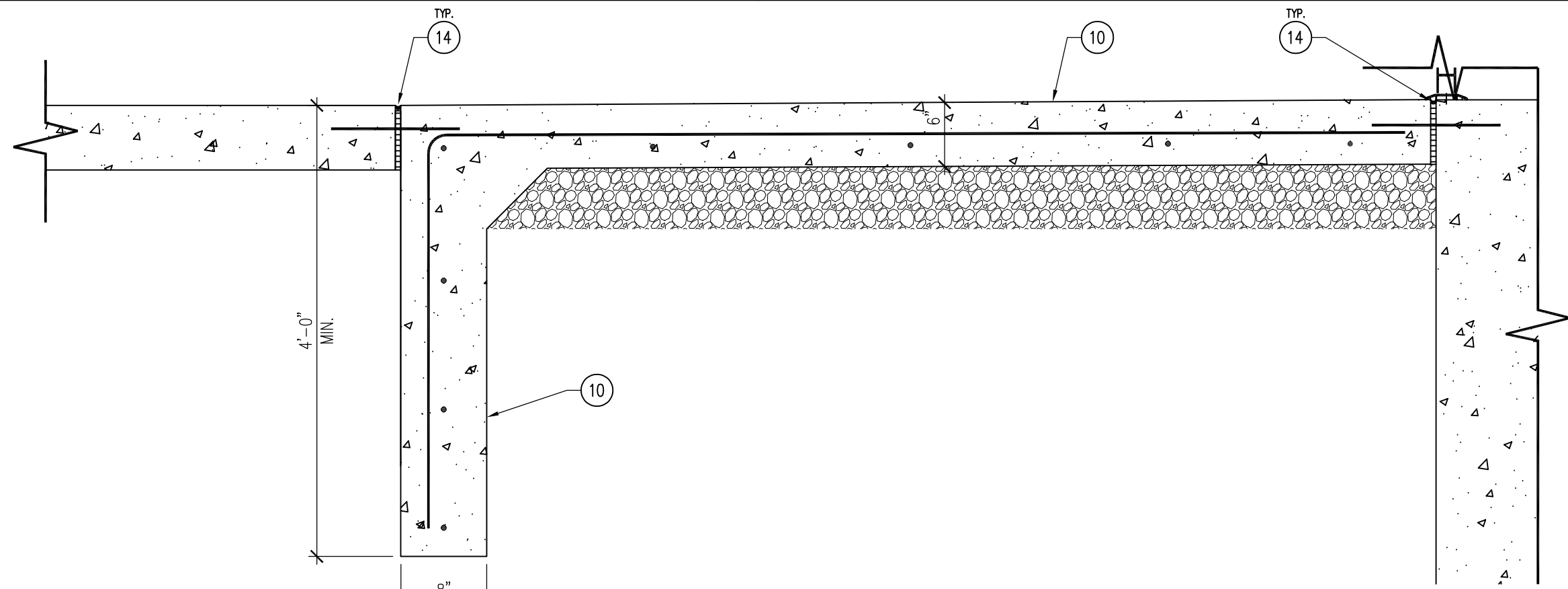


Reinforce concrete with #4 bars, 18" O.C. Longitudinally, and #4 bars spaced 3' on center traverse to sidewalk. Cross slope transition at 1% per foot or less.

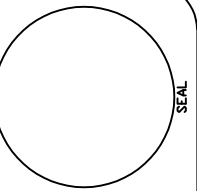
TYPICAL SIDEWALK DETAILS

STATION TO STATION	SIDE	(A) Feet	(B) Feet	(C) Feet	NEW CONSTRUCTION
ALL		2	VARIES	2	

02 DETAIL – SIDEWALK CROSS-SECTION
SCALE: NTS



01 DETAIL – PATIO STOOP FOOTING
SCALE: 1" = 1'-0"



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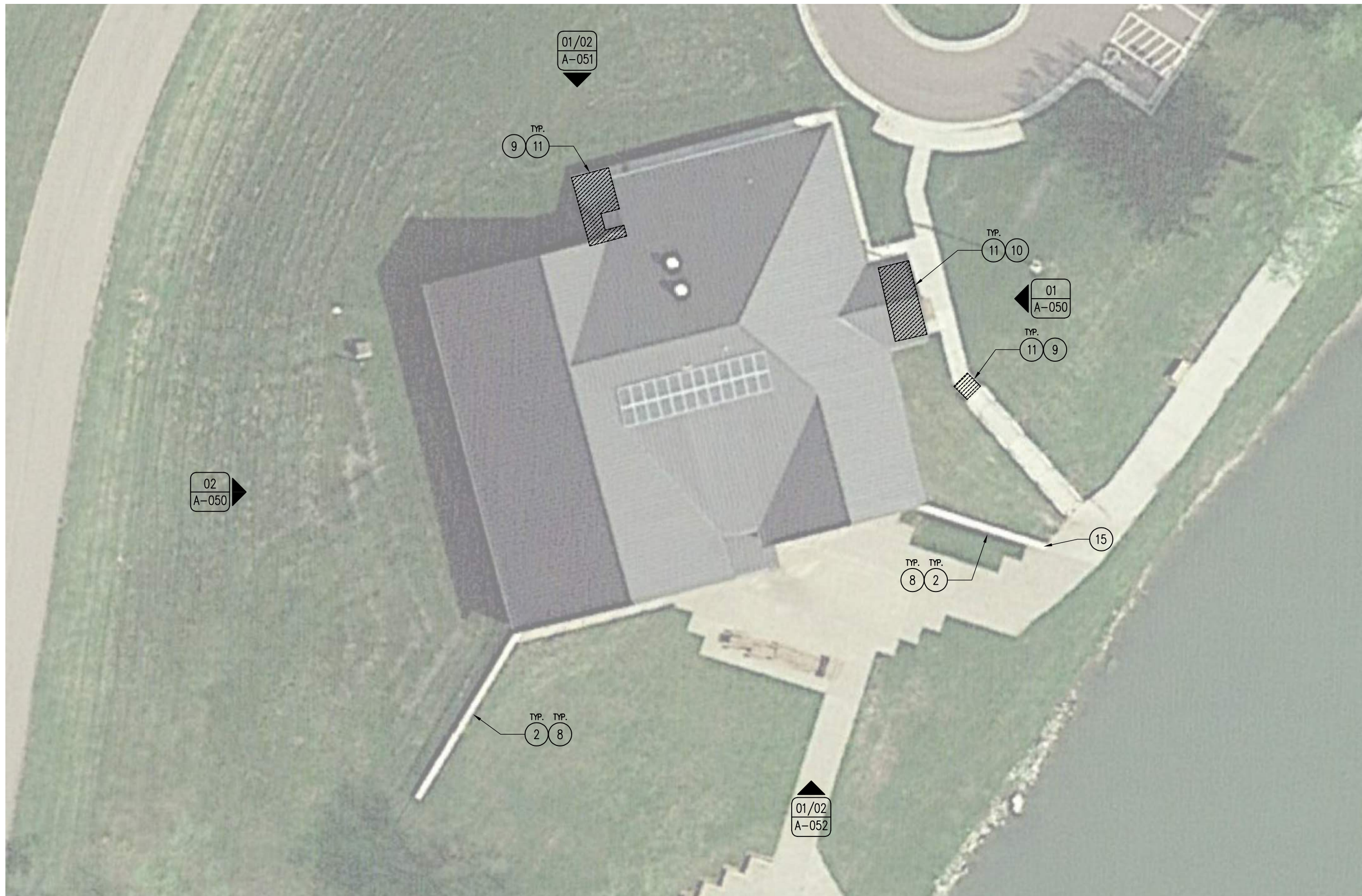
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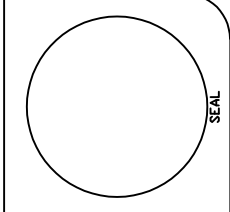
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01 SITE PLAN – OVERALL
SCALE: NTS



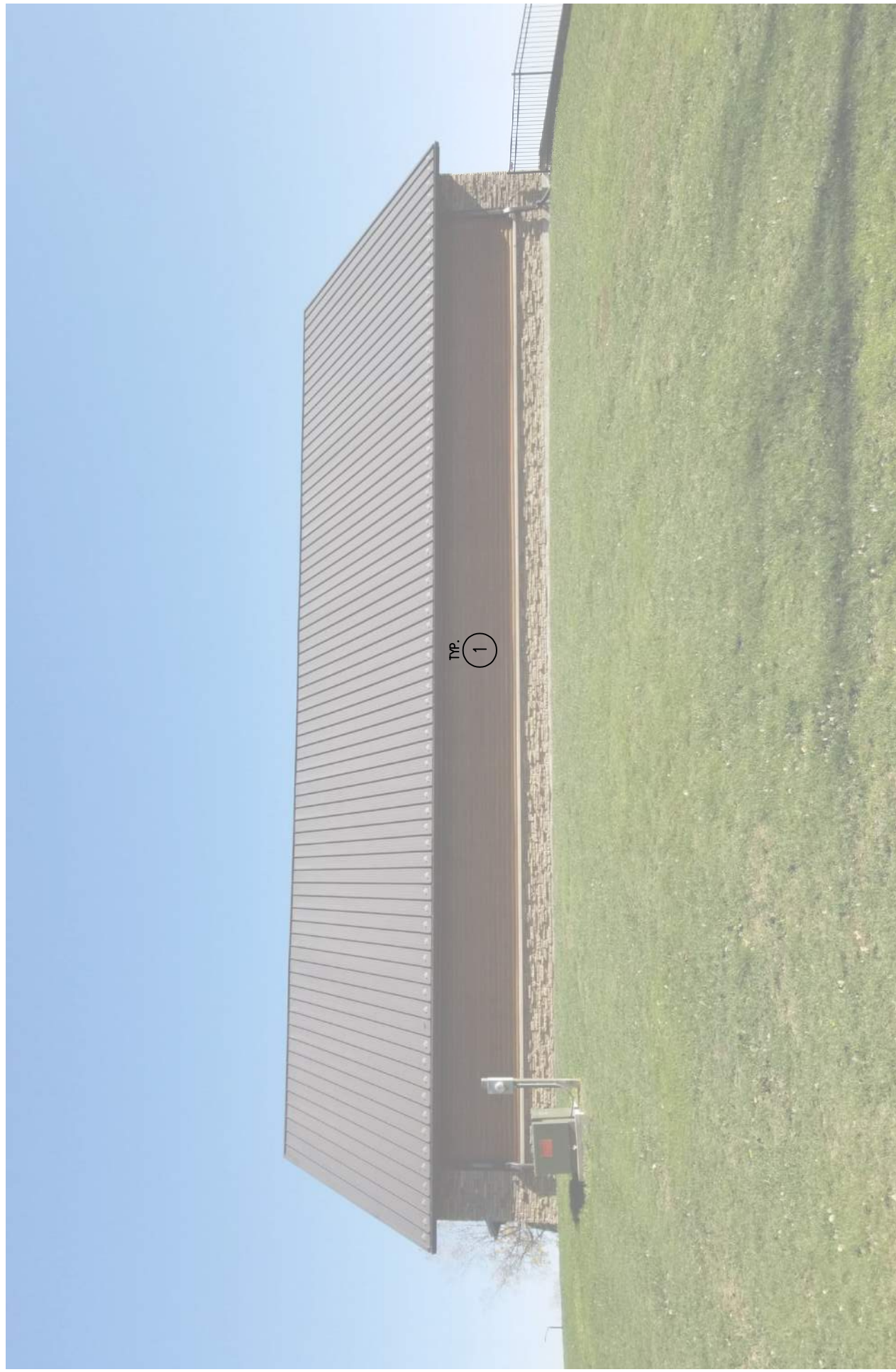
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02 PHOTO - WEST ELEVATION

SCALE: NTS

02



01 PHOTO - EAST ELEVATION

SCALE: NTS

01

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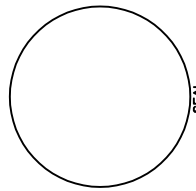
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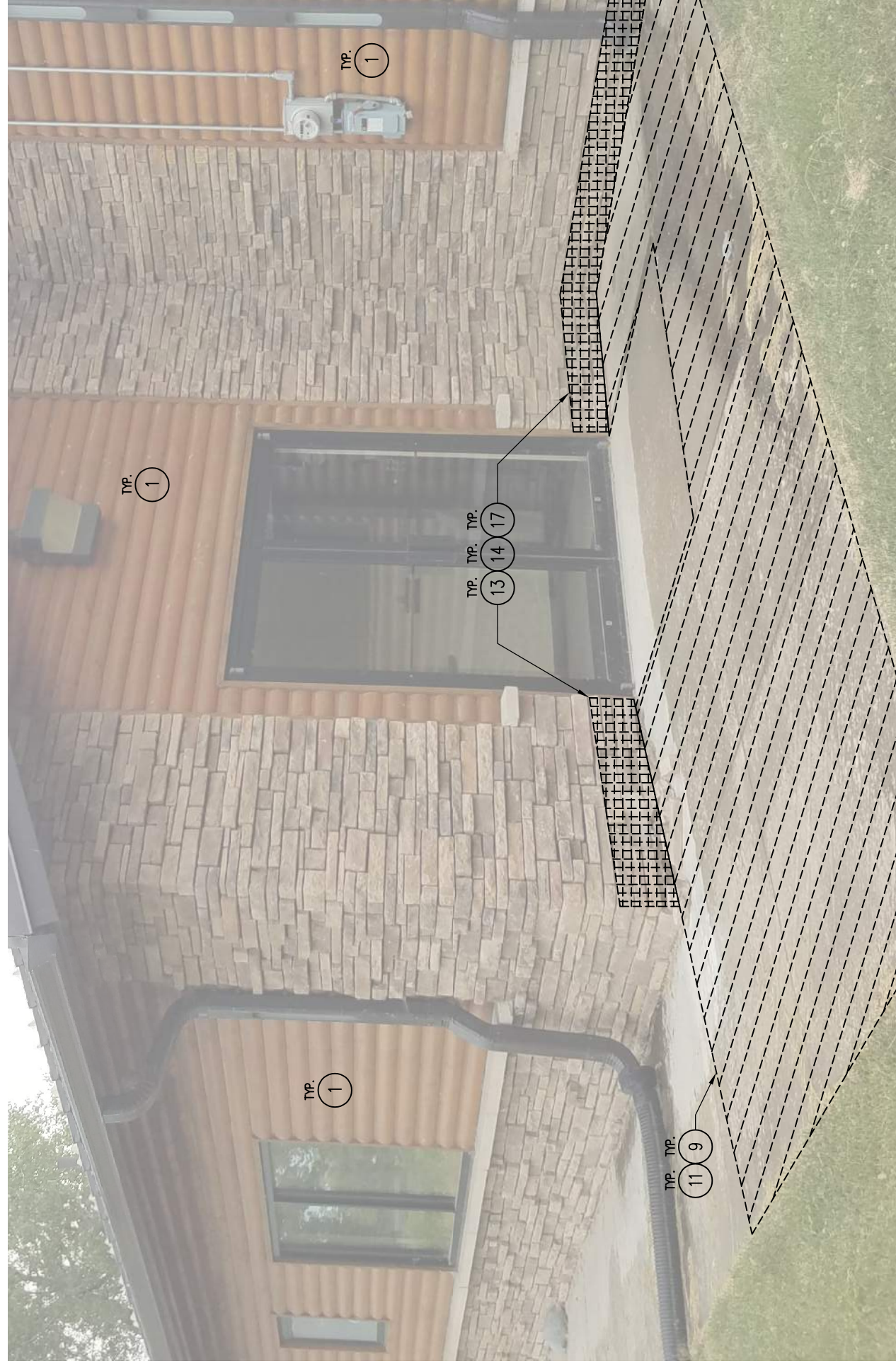


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A-050



02 PHOTO – NORTH EXIT ELEVATION

SCALE: NTS



01 PHOTO – NORTH ELEVATION

SCALE: NTS

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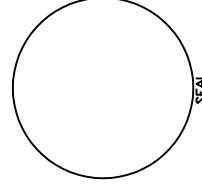
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02 PHOTO – SOUTH ELEVATION

SCALE: NTS



01 PHOTO – SOUTH ELEVATION

SCALE: NTS

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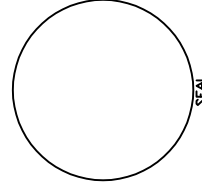
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02 PHOTO - STAIR SIDEWALK

SCALE: NTS

02



01 PHOTO - ENTRANCE PATIO

SCALE: NTS

01

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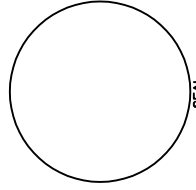
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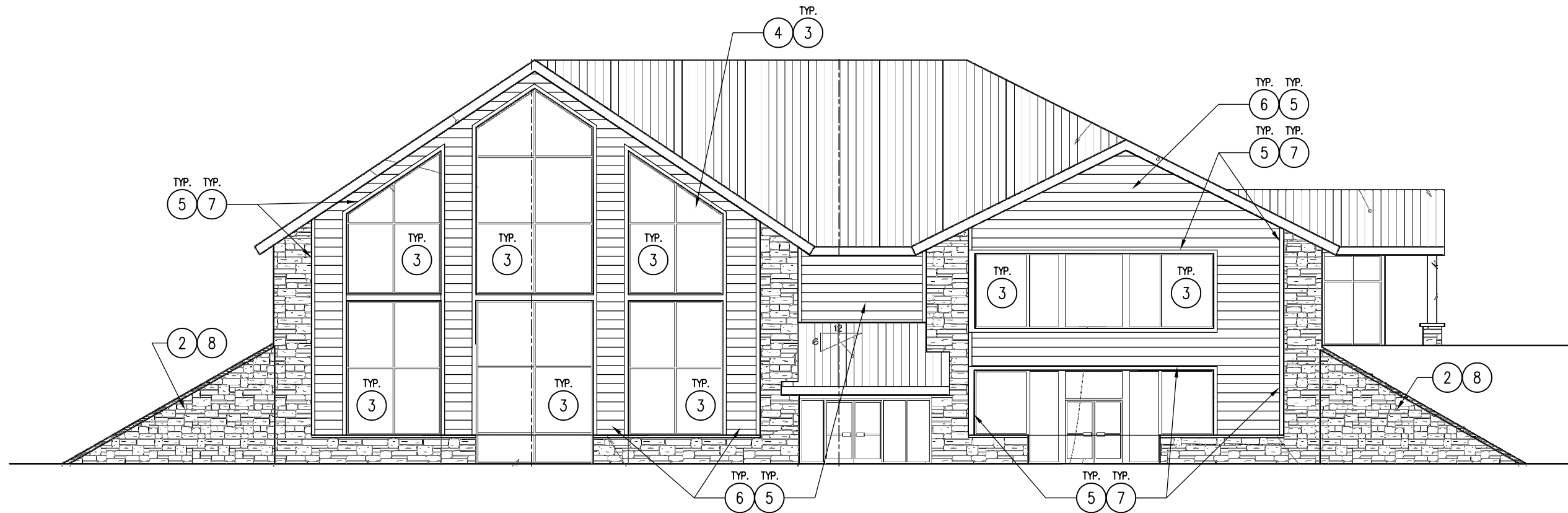
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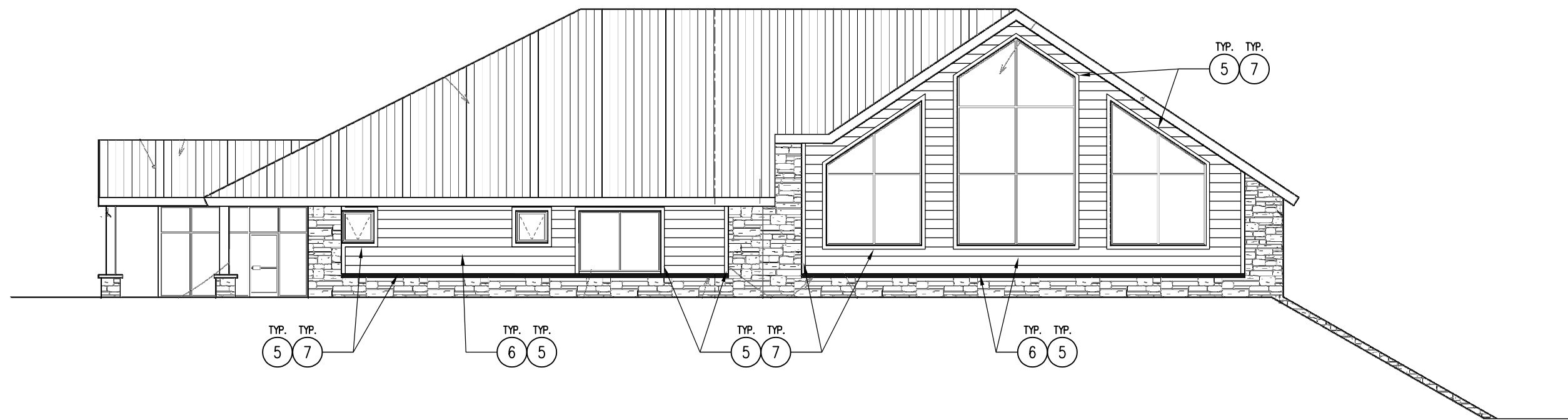
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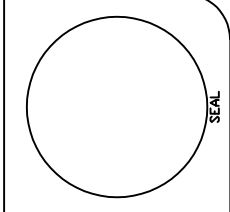
SEAL



02 BUILDING ELEVATION – SOUTH
SCALE: NTS



01 BUILDING ELEVATION – NORTH
SCALE: NTS

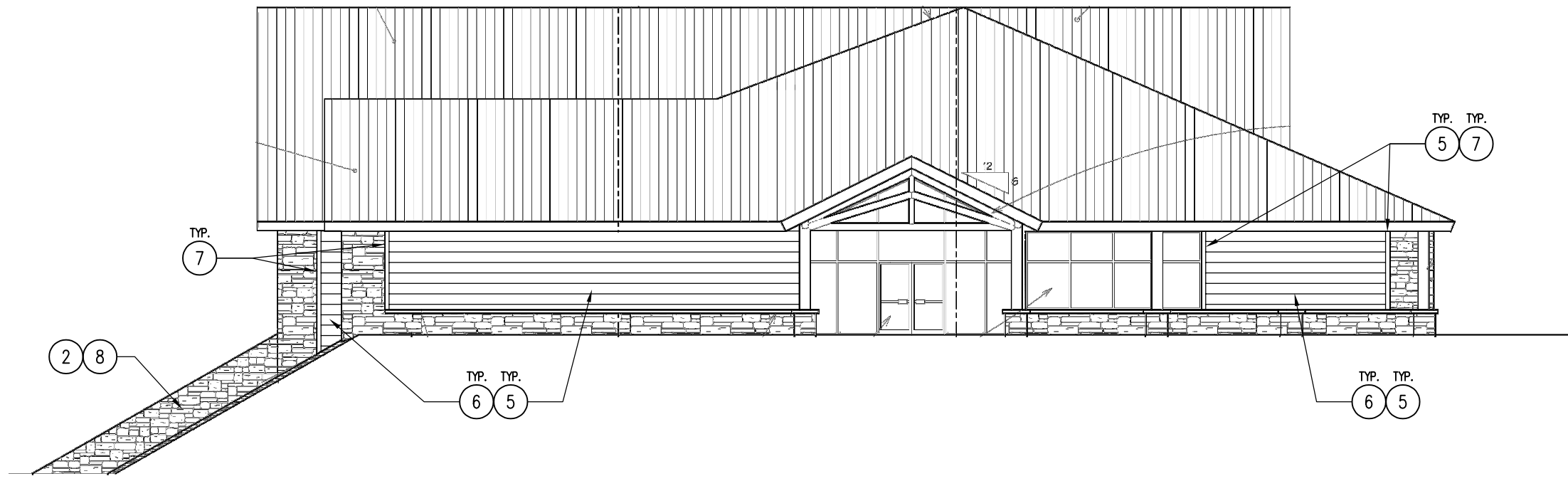


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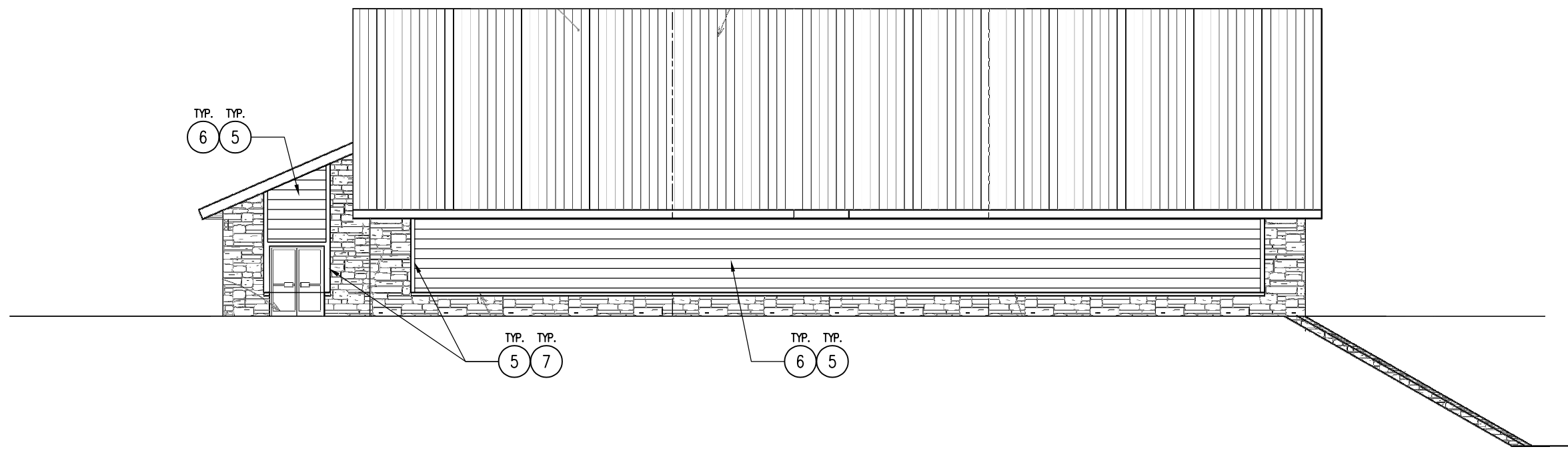


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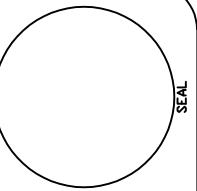
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02 BUILDING ELEVATION – EAST
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01 BUILDING ELEVATION – WEST
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