

DIMENSION NOTES

- IN INTERIOR SPACES THE ACTUAL DIMENSIONS MAY BE LESS IMPORTANT THAN IF AT TWO ELEMENTS IN THE BUILDING WERE TO BE EQUAL. IN THESE CASES, THE WORD "EQUAL OR EQ" IS USED IN LIEU OF THE ACTUAL DIMENSIONS.
- WHEN A ROOM CENTERLINE IS INDICATED ONLY ONE SIDE OF THE ROOMS ELEMENTS MAY BE DIMENSIONED.
- COLUMN IDENTIFICATION: DETAILS WILL GOVERN ALL DIMENSIONS AND NO DIMENSIONS WILL BE SHOWN ON SMALL SCALE PLANS.
- PARTITION CENTERED ON COLUMN OR GRID LINES WILL NOT BE DIMENSIONED ON SMALL SCALE PLANS.
- PARTITION WITH A FINISHED FACE FLUSH WITH FINISH FACE OF COLUMN WILL NOT BE DIMENSIONED ON SMALL SCALE PLANS.
- PARTITION FINISH FACE ON COLUMN OR GRID LINE WILL NOT BE DIMENSIONED ON SMALL SCALE PLANS.
- WHEN ONE JAMB OCCURS AT A COLUMN OR GRID LINE NO DIMENSIONS WILL BE SHOWN ON THE SMALL SCALE PLANS. THE OPENING WIDTH WILL BE GOVERNED BY CRITERIA OR SCHEDULES.
- WHEN NEITHER JAMB OCCURS AT A COLUMN OR GRID LINE ONE JAMB WILL BE DIMENSIONED.
- DOOR LOCATIONS ARE TO BE LOCATED BY ONE OF FOLLOWING:
 - ONE JAMB FACE LOCATED BY A PARTITION AT RIGHT ANGLE. 4" TYPICAL UNLESS INDICATED ON PLAN.
 - OR AS DIMENSIONED ON PLAN.
- PARTITIONS ARE DIMENSIONED TO FACE OF CMU OR FACE OF STUD UNLESS OTHERWISE NOTED.
- DIMENSIONS ARE INDICATED IN THE DOCUMENTS. THE DRAWINGS SHALL NOT BE SCALED FOR DIMENSIONS.

MATERIAL LEGEND

	EARTH		CONCRETE MASONRY UNIT		GYPSTUM / STUCCO		brick
	COMPACTED EARTH		metal stud		grout		CONCRETE
	GRASS		PARTICLE BOARD		sand		ASPHALT
	GRAVEL		PLYWOOD		foam INSULATION		cast stone
	clay		BATT INSULATION		RIGID INSULATION		stone
	fence		ACOUSTICAL CEILING TILE		ALUMINUM		glass
	turf block		plastic		STEEL		WOOD BLOCKING
	pavers		carpet		FINISHED WOOD		CONTINUOUS WOOD

SYMBOL LEGEND

	NORTH AAROW		ROOM /SPACE IDENTIFICATION
	TITLE SCALE: 0 = 0'-0"		DOOR TAG
	SECTION REFERENCE		WINDOW TAG
	DETAIL REFERENCE		WALL TYPE REFERENCE KEYNOTE NUMBER -NEW C.S.I. DIVISION/KEY
	EXTERIOR ELEVATION		KEYNOTE - DEMOLITION
	INTERIOR ELEVATION		KEYNOTE - NEW/RENOVATION
	ELEVATION TARGET DESCRIPTION		KEYNOTE - FINISH/ACCESSORY
	COLUMN GRID		PROPERTY LINE REFERENCE
	LEVEL CHANGE REFERENCE		CENTER LINE REFERENCE
	DETAIL CUT LINE		REVISION NUMBER AND CLOUD
	MATCH LINES		

GENERAL NOTES

- THE FOLLOWING GENERAL NOTES SHALL PERTAIN TO THE ENTIRE SET OF CONTRACT DOCUMENTS
- A GENERAL CONTRACTOR SHALL NOTE THAT THE ARCHITECTURAL DRAWINGS ARE ESTABLISHING A MINIMUM MATERIAL OR CONSTRUCTION METHOD STANDARD. THE GENERAL CONTRACTOR SHALL PROVIDE A BID PRICE BASED ON THE SPECIFIC MATERIALS NOTED.
 - DO NOT SCALE DRAWINGS. IF DIMENSIONS ARE IN QUESTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CLARIFICATION FROM THE ARCHITECT BEFORE CONTINUING WITH CONSTRUCTION.
 - GENERAL CONTRACTOR AND SUBCONTRACTORS SHALL PERFORM THEIR WORK IN ACCORDANCE WITH ALL APPLICABLE CODES GOVERNING EACH TRADE.
 - THE CONTRACTOR SHALL MAINTAIN A CLEAN AND ORGANIZED JOB SITE, ACCEPTABLE TO THE OWNER.
 - THE CONTRACTOR SHALL COORDINATE THE SEQUENCE OF WORK WITH THE OWNER REPRESENTATIVE.
 - THERE SHALL BE NO DEVIATION BY THE GENERAL CONTRACTOR FROM THE CONSTRUCTION DOCUMENTS UNLESS APPROVED IN WRITING BY THE ARCHITECT.
 - EACH CONTRACTOR SHALL VERIFY EXISTING CONDITIONS IN THE FIELD PRIOR TO THE INITIATION OF WORK AND SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES OR CONDITIONS INTERFERING WITH THE ABILITY OF THE CONTRACTOR TO COMPLETE WORK AS OUTLINED ON THE CONSTRUCTION DRAWINGS.
 - ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH OTHER TRADES. LACK OF THIS COORDINATION RESULTING IN ADDED COST TO THE CONTRACT WILL BE BORNE BY THE CONTRACTOR.
 - GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING THE EXISTING BUILDING WATER TIGHT DURING CONSTRUCTION.
 - THE CONTRACTOR WILL VERIFY THAT EXIT EGRESS IS MAINTAINED FOR ALL OCCUPIED AREAS OF THE BUILDING THROUGHOUT ALL PHASES OF CONSTRUCTION.
 - PLAN DIMENSIONS ARE GIVEN TO FACE OF STUD OR BLOCK WALL. "CLEAR" DIMENSIONS ARE GIVEN TO THE FACE.
 - THE OWNER WILL ASSUME ALL LIABILITY AND SHALL TAKE PERSONAL RESPONSIBILITY FOR ANY DECISIONS THAT THEY MAKE TO CHANGE OR ALTER THE CONSTRUCTION DOCUMENTS WITHOUT THE ARCHITECT'S WRITTEN APPROVAL.
 - PROTECT ALL EXISTING FINISHES AND MATERIALS TO REMAIN, IN ACCORDANCE WITH ACCEPTABLE TRADE PRACTICES, MANUFACTURER, RECOMMENDATIONS, OR AS DIRECTED BY THE ARCHITECT.
 - CUTTING OF EXISTING CONSTRUCTION FOR THE INSTALLATION OF ALL NEW WORK BY ALL TRADES, AND THE SUBSEQUENT PATCHING THEREOF, SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR, WHETHER THE WORK IS DONE BY HIS OWN FORCES OR NOT. GRINDING OF MATERIALS FOR REMOVAL SHALL NOT BE PERMITTED. CUTTING SHALL BE TO STRAIGHT LINE. UNWORKMAN-LIKE CUTTING, DAMAGE RESULTING THEREFROM AND UNACCEPTABLE PATCHING SHALL BE REPAIRED AND/OR REPLACED TO AN ACCEPTABLE CONDITION APPROVED BY THE ARCHITECT. A OWNER PROJECT REPRESENTATIVE SHALL BE NOTIFIED PRIOR TO CUTTING OF ANY STRUCTURAL ITEM (I.E. CONCRETE FLOOR, MASONRY, WALL, ETC.) WITHIN THE EXISTING BUILDING. METHOD OF CUTTING SHALL BE APPROVED BY THE OWNER PROJECT REPRESENTATIVE.
 - PATCHING MATERIAL SHALL MATCH EXISTING ADJACENT MATERIALS AS CLOSELY AS POSSIBLE IN COLOR, PATTERNS, AND/OR TEXTURES.
 - ALL SALVAGE MATERIALS REMOVED SHALL REMAIN THE PROPERTY OF THE OWNER. ALL NON-SALVAGE CONSTRUCTION MATERIALS AND DEBRIS FROM DEMOLITION WORK SHALL BE REMOVED FROM THE SITE AS WORK PROGRESSES, UNLESS OTHERWISE NOTED.
 - ISOLATE ALL DISSIMILAR METALS. G SHALL REQUEST APPROVAL BY THE ARCHITECT FOR MATERIALS USED FOR THIS PURPOSE, PRIOR TO INSTALLATION.
 - SEALANTS SHALL BE COMPATIBLE WITH ADJACENT SURFACE(S) THAT ARE IN CONTACT. REFER TO SPECIFICATIONS FOR APPROVED MANUFACTURERS AND PROCEDURES.
 - CAULK JOINTS OF DISSIMILAR EXPOSED TO VIEW MATERIALS AS REQUIRED BY THE ARCHITECT.
 - ALL DOOR HARDWARE TO BE FL ADA COMPLIANT.
 - ALL EXTERIOR WALLS, DOORS AND WINDOWS ARE EXISTING U.N.O.
 - ALL FINISHES TO BE PER CLASS INDICATED ON A-004.
 - NO CONSTRUCTION SHALL OCCUR WITHOUT SHOP DRAWING APPROVAL. SHOP DRAWINGS TO BE PROVIDED TO ARCHITECT FOR REVIEW UPON BEING REVIEWED AND SIGNED/DATED BY THE GENERAL CONTRACTOR AND SHALL INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING ITEMS:
 - CABINERY MILLWORK
 - RUNNING TRIM AND CASING PROFILES
 - PAINT/LAMINATE COLOR SAMPLES
 - ACOUSTICAL CEILING AND GRID
 - TOILET ACCESSORIES
 - KITCHEN EQUIPMENT
 - ROOF PENETRATIONS
 - HVAC EQUIPMENT
 - PLUMBING EQUIPMENT AND FIXTURES
 - ELECTRICAL EQUIPMENT AND FIXTURES
 - PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL SUBMIT (2) COPIES OF MATERIAL SAFETY DATA SHEETS (MSDS) FOR ALL PRODUCTS USED TO PERFORM THE WORK.

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.

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.

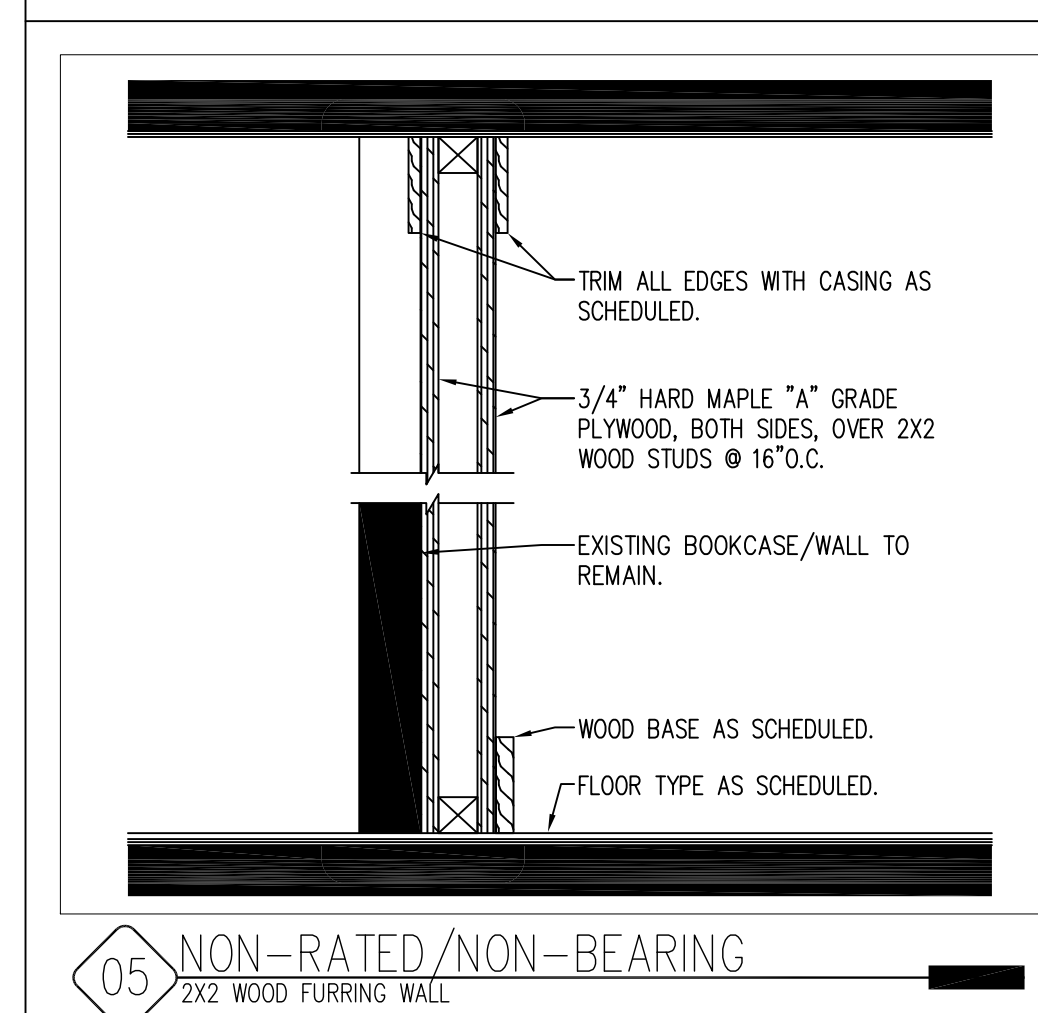
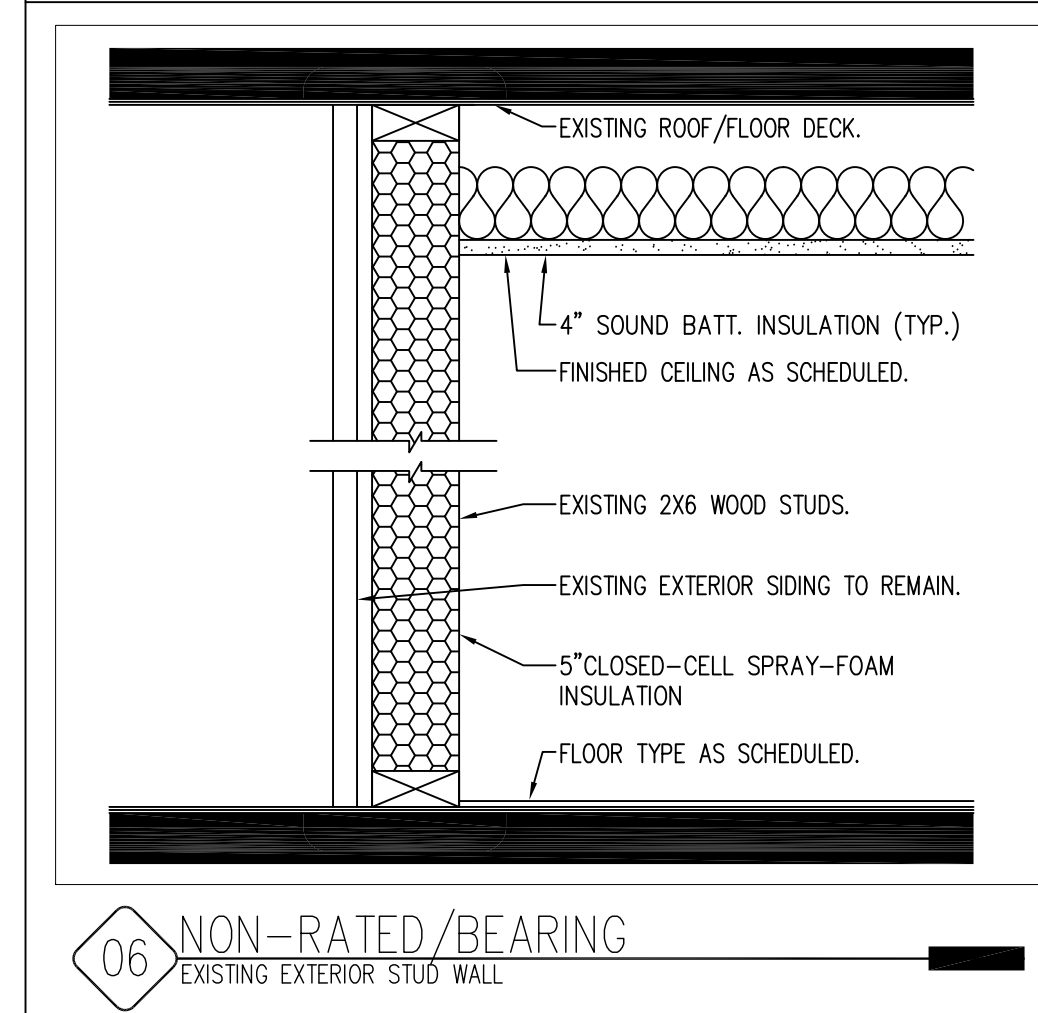
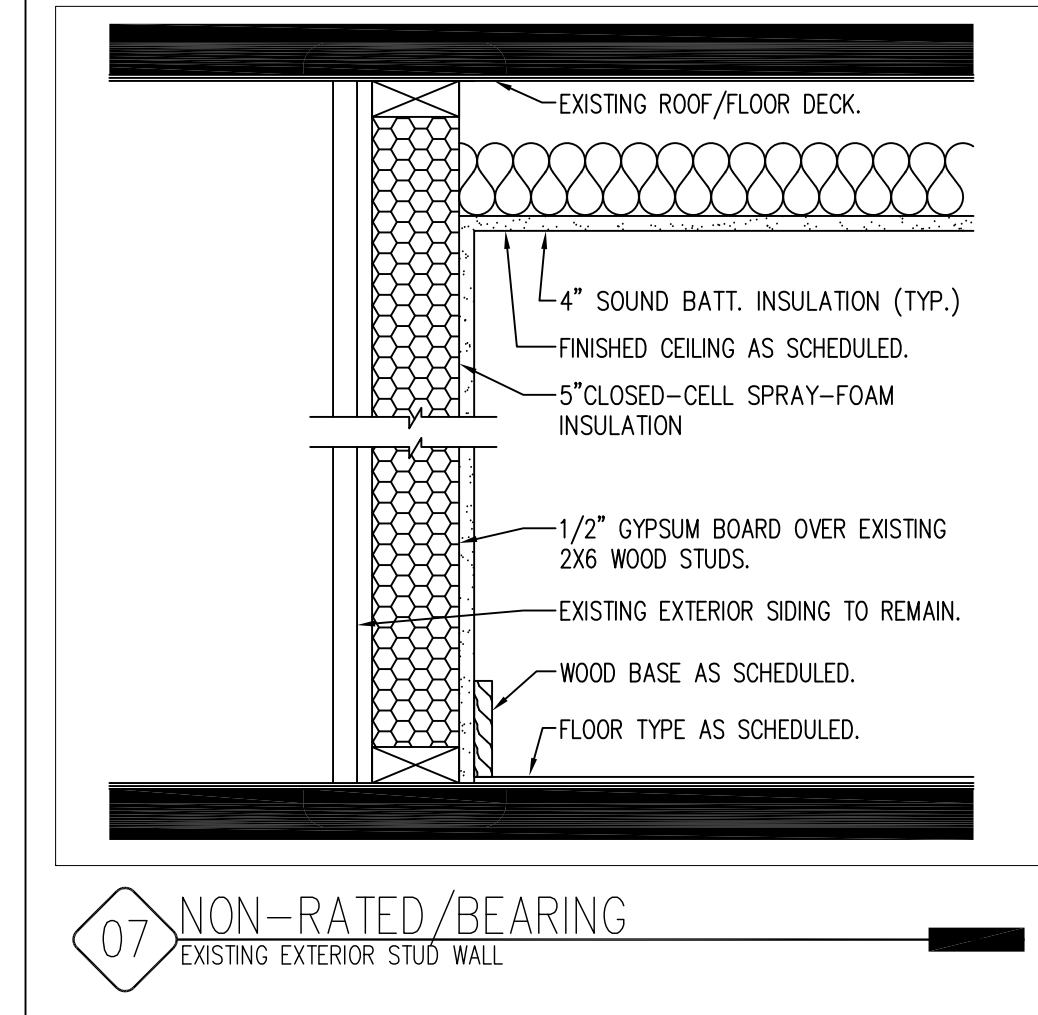
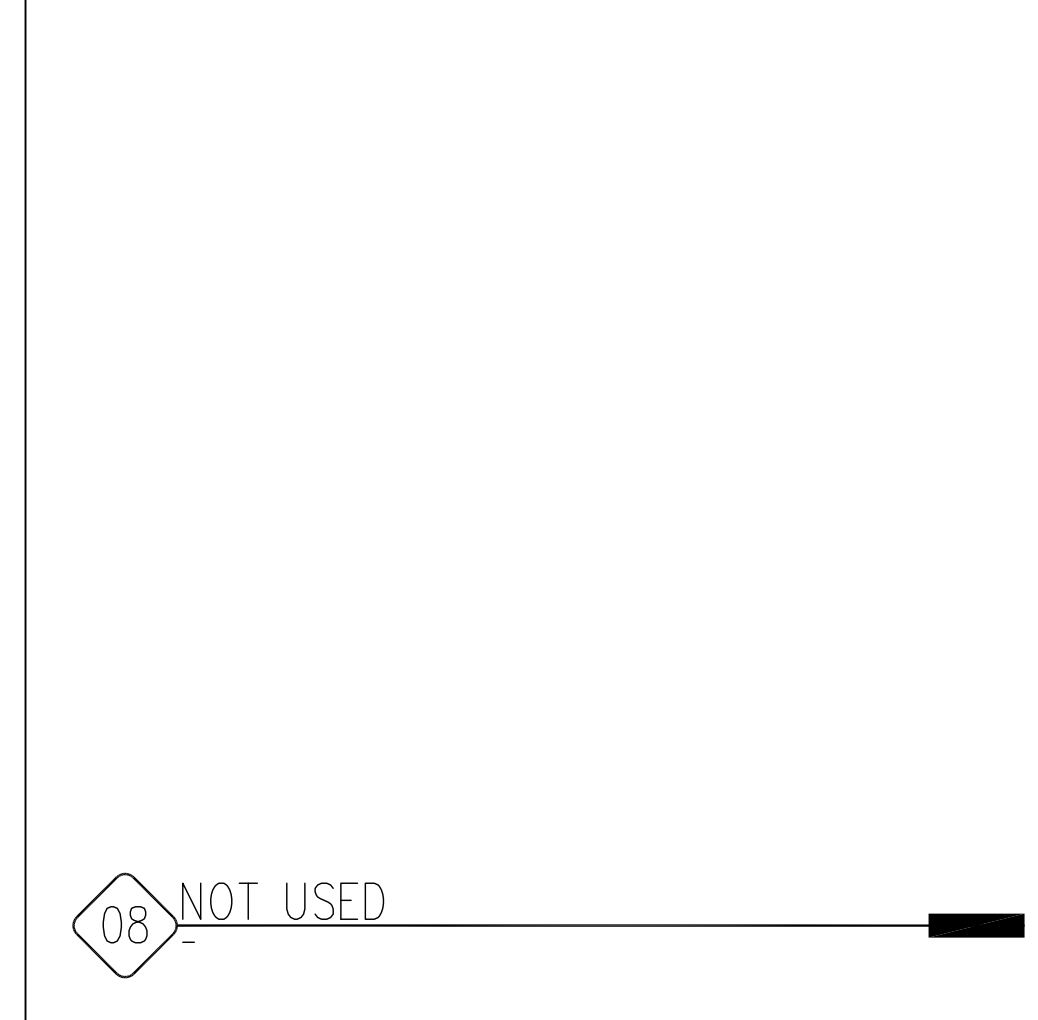
THE CONTRACTOR SHALL NOT DISTURB DESIRABLE GRASS AREAS AND DESIRABLE TREES OUTSIDE THE CONSTRUCTION LIMITS. THE CONTRACTOR WILL NOT BE PERMITTED TO PARK OR SERVICE VEHICLES AND EQUIPMENT OR USE THESE AREAS FOR STORAGE OF MATERIALS. STORAGE, PARKING AND SERVICE AREAS WILL BE SUBJECT TO THE APPROVAL OF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

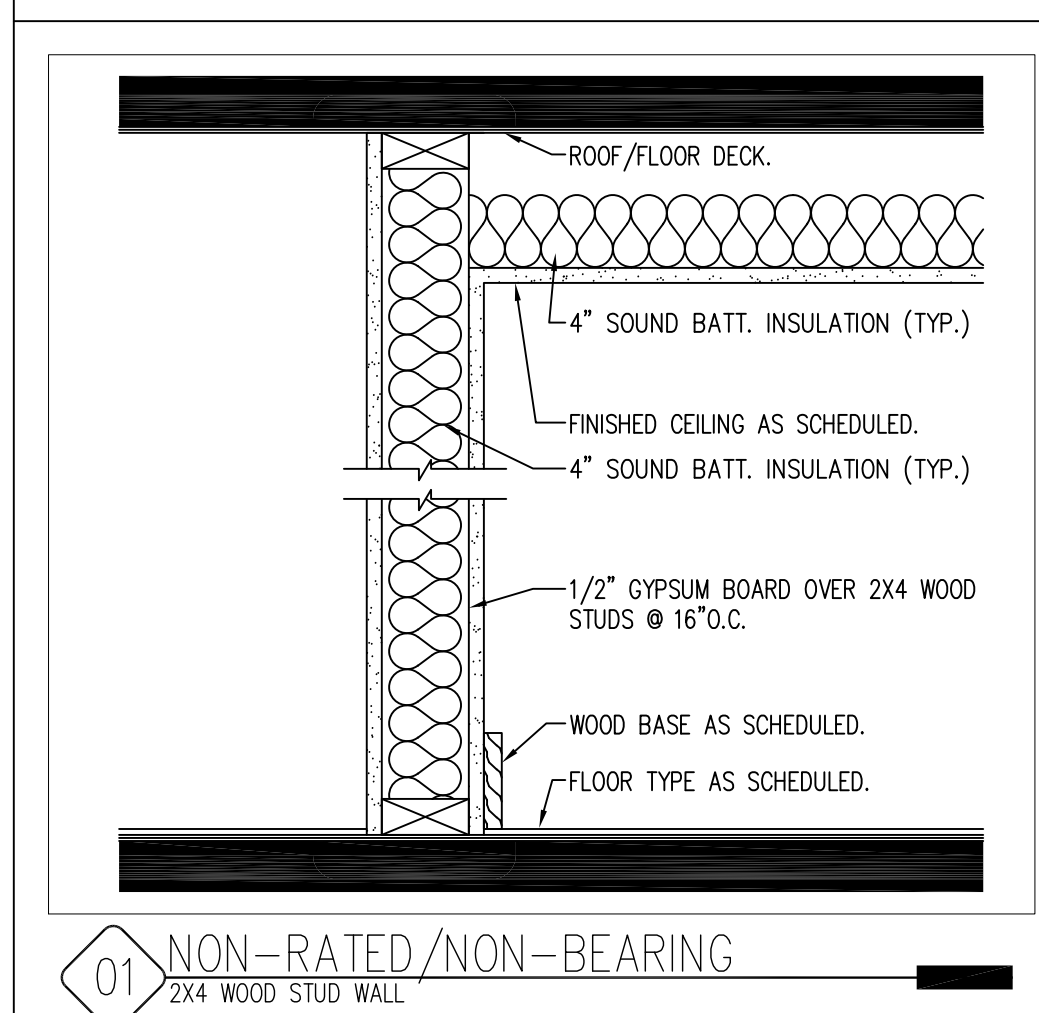
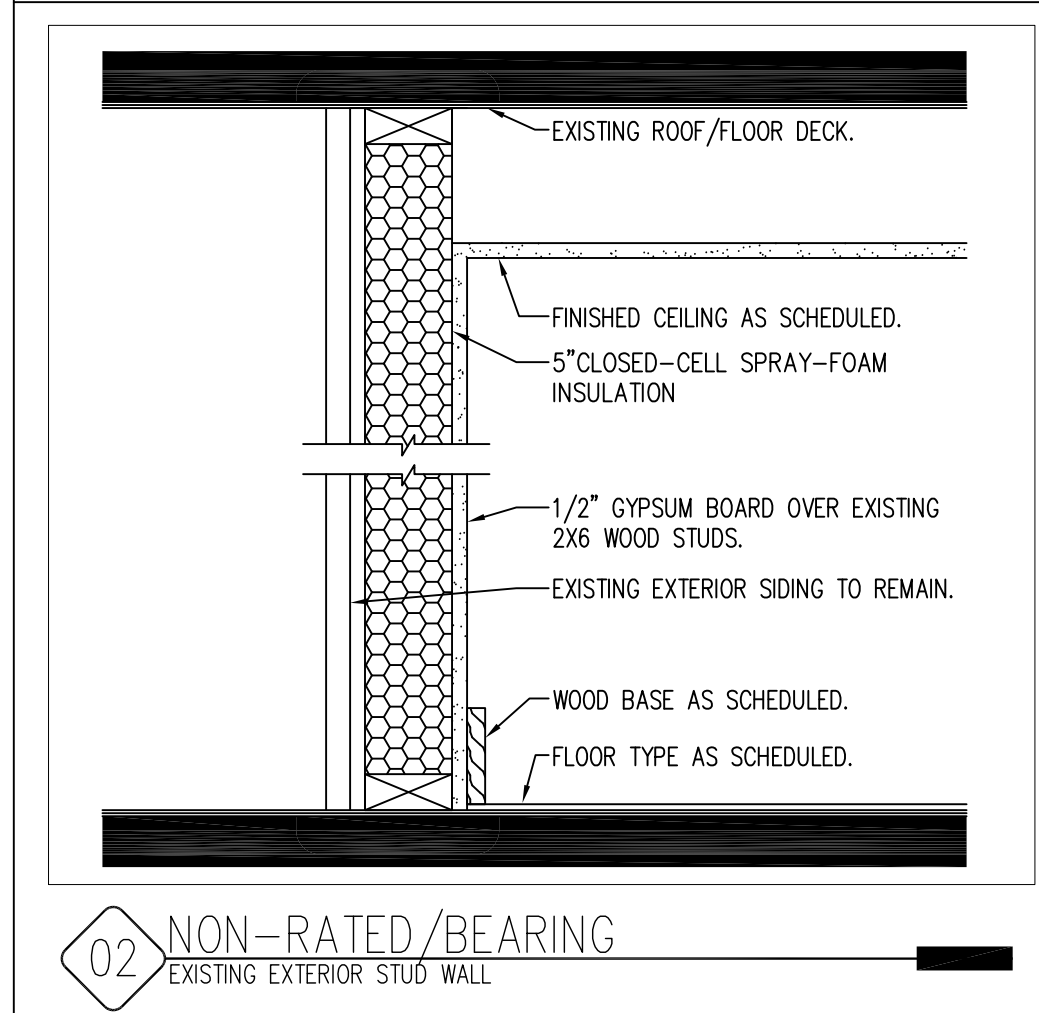
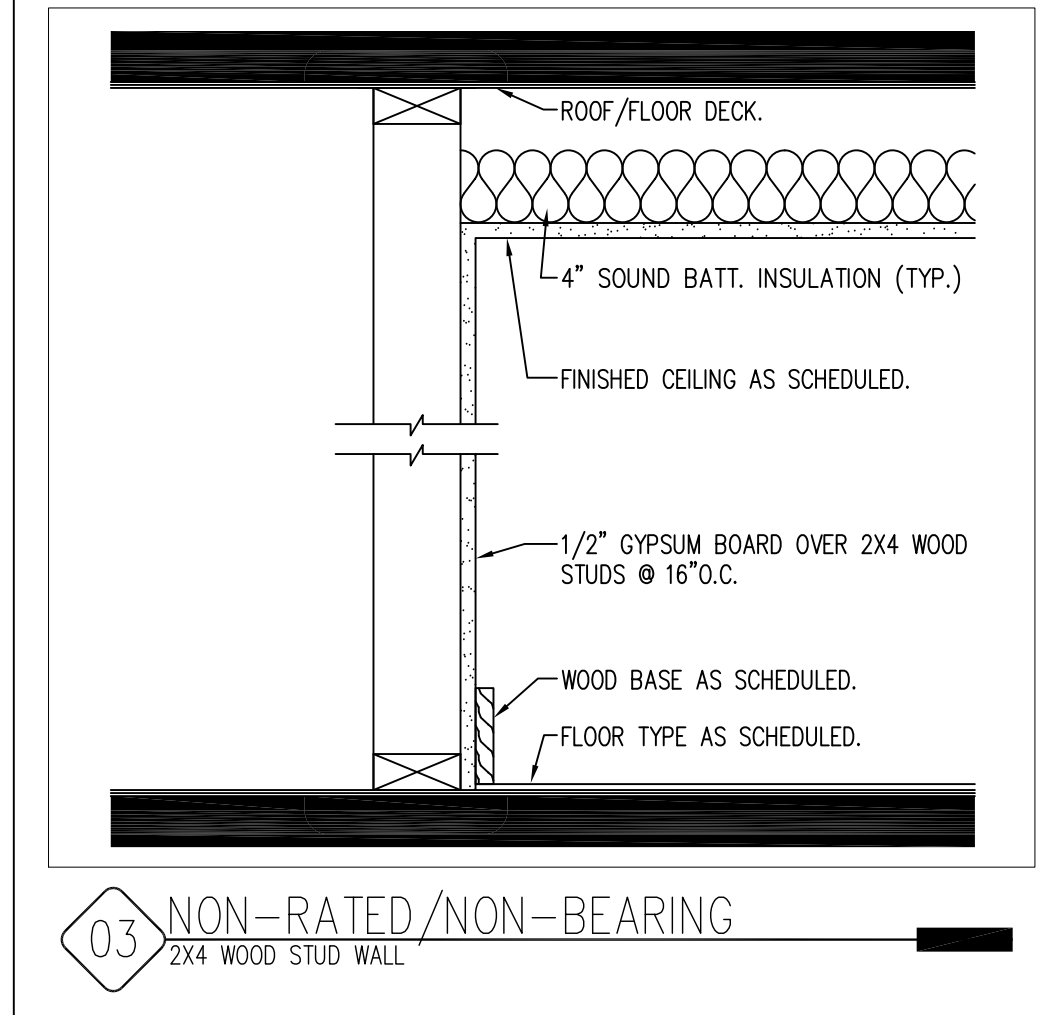
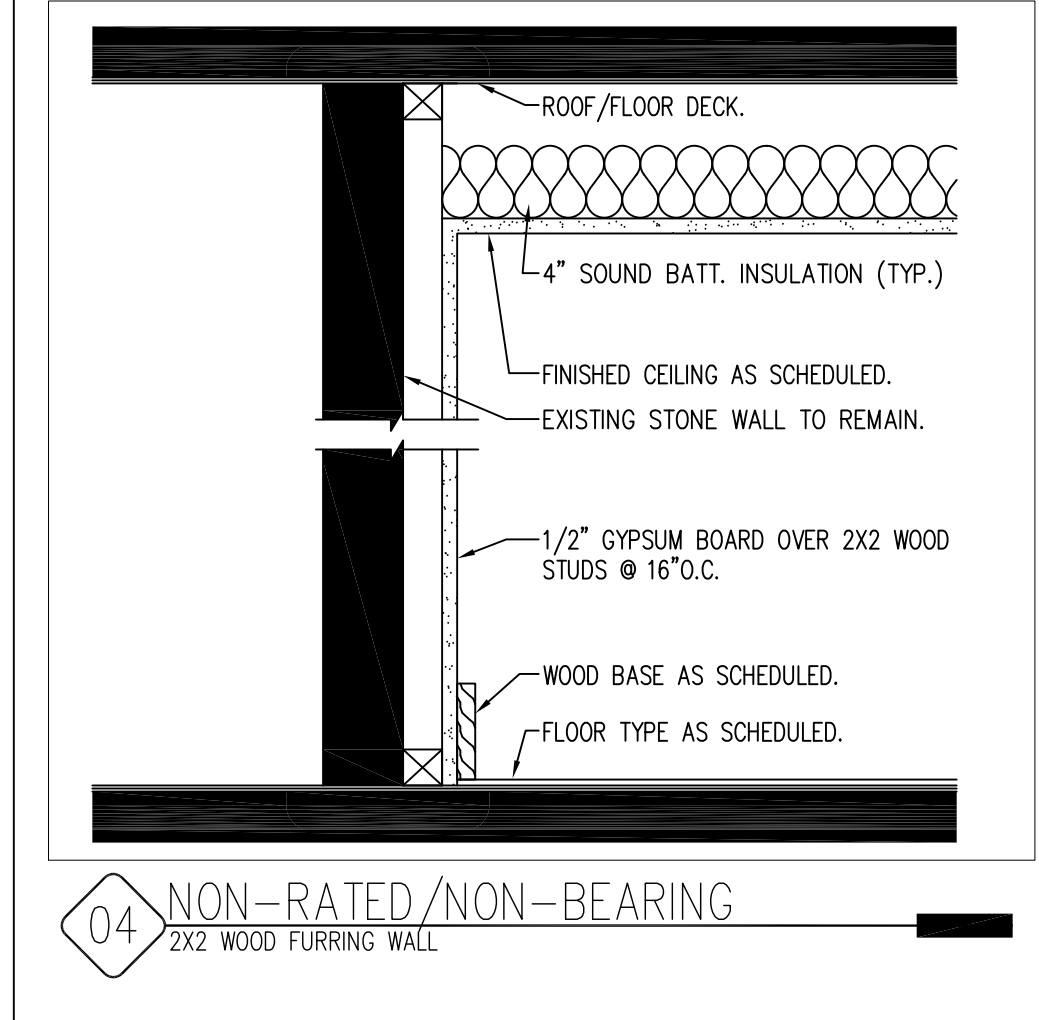
THE CONTRACTOR SHALL SHAPE GRADED AREA TO MAINTAIN SURFACE DRAINAGE. ALL ELEVATIONS ARE TO FINISH GRADE.

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.

WALLTYPES



WALLTYPES



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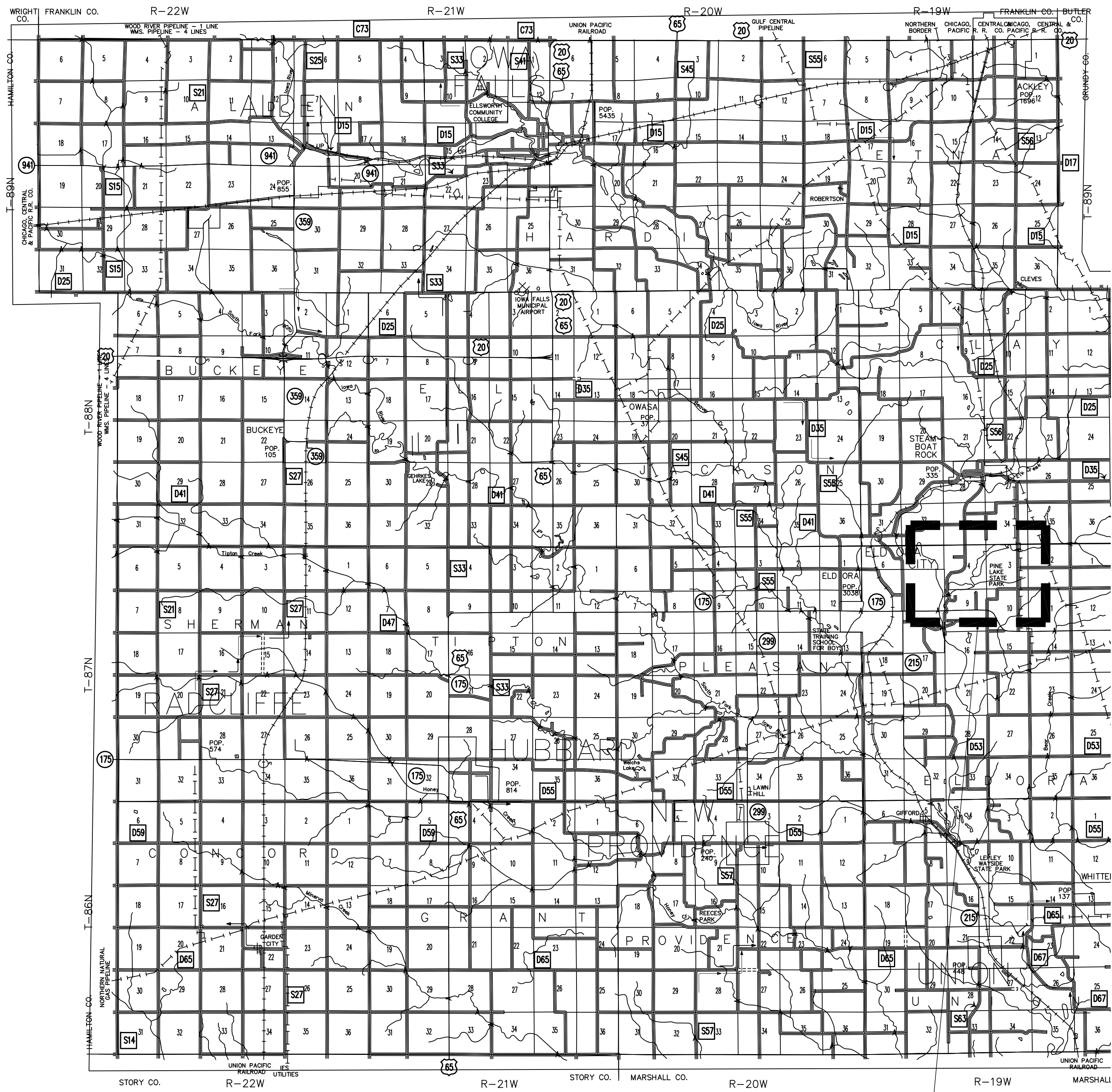


WALL TYPES, NOTES & SYMBOLS
SHOWER BUILDINGS & CABIN RENOVATIONS FOR:
PINE LAKE STATE PARK
EL DORA, IA 50627
22620 COUNTY HIGHWAY 556

NO.	BY DATE	REVISION

DRAWN BY: PROJECT NUMBER: 19-02-42-01
CHK'D BY: DATE: 03.17.2020

SHEET NO: **A-002**



PROJECT LOCATION

HARDIN COUNTY MAP



CAMPGROUND CONSTRUCTION SITE

CABIN CONSTRUCTION SITE

PINE LAKE STATE PARK

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PROJECT LOCATION

SHOWER BUILDINGS & CABIN RENOVATIONS FOR:
PINE LAKE STATE PARK

ELDORA, IA 50627

22620 COUNTY HIGHWAY 556

NO.	BY DATE	REVISION

DRAWN BY: PROJECT NUMBER:

19-02-42-01

CHK'D BY: DATE:

03.17.2020

SHEET No:

A-003



01 CAMPGROUND DEMOLITION SITE PLAN
SCALE: 1/64" = 1'-0"

KEYNOTES

1. DEMOLISH EXISTING DRIVE/SIDEWALK, FILL, COMPACT, AND RESTORE DISTURBED AREA.
2. DEMOLISH EXISTING SHOWER BUILDING, PHASE 1 OF CONSTRUCTION, REFER TO PROJECT SCOPE FOR DETAILS. FILL, COMPACT, AND RESTORE AREA.
3. DEMOLISH EXISTING RESTROOM BUILDING, PHASE 2 OF CONSTRUCTION, REFER TO PROJECT SCOPE FOR DETAILS. FILL, COMPACT, AND RESTORE AREA.
4. ALTERNATE #1: DEMOLISH EXISTING SHELTER BUILDING, RESTORE SURROUNDING AREA. ALTERNATE #2: REMOVE EXISTING CONCRETE SHELTER SLAB, PROTECT EXISTING SHELTER IN PLACE AND PREP GROUND FOR NEW SLAB.
5. DEMOLISH EXISTING PIT LATRINE, PHASE 1 OF CONSTRUCTION, REFER TO PROJECT SCOPE FOR DETAILS. FILL, COMPACT, AND RESTORE AREA.
6. DEMOLISH EXISTING ELECTRICAL POLE, REMOVE AND DISPOSE POLE AND LIGHT, DISCONNECT ELECTRICAL TO LIGHT. FILL, COMPACT, AND RESTORE AREA.
7. DEMOLISH EXISTING FOUNDATIONS AND CONCRETE SLABS, FILL, COMPACT, AND RESTORE AREA.

GENERAL NOTES

- A. ALL ELECTRICAL SHALL BE NEC CODE COMPLIANT AND ALL CODES AND ORDINANCES SHALL BE FOLLOWED WHICH ARE REQUIRED BY LAW. ALL OUTLETS TO BE MOUNTED AT 42" A.F.F.
- B. FIELD VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.
- C. PRECAST CONCRETE MODULAR BUILDING BY HUFFCUTT OR PRE-APPROVED EQUAL.
- D. ALL SANITARY AND WATER LINE WORK SHALL COMPLY WITH ALL APPLICABLE CODES AS NECESSARY BY LAW PER STATE AND LOCAL JURISDICTION.
- E. REMOVE ALL TREES WHICH CONFLICT WITH THE INSTALLATION OF THE NEW SHOWER/RESTROOM BUILDING, PROTECT ALL TREES IN PLACE WHICH MAY REMAIN.
- F. GRADE EXISTING SITE -6" BELOW CURRENT BUILDING ELEVATION FOR PROPER INSTALL OF PRECAST BUILDING. COORDINATE WITH DNR INSPECTOR AND PRECAST SHOWER BUILDING MANUFACTURER PRIOR TO PROJECT COMMENCEMENT.
- G. CONTRACTOR TO RESTORE ALL DISTURBED AREAS OF CONSTRUCTION AND DEMOLITION, FILL HOLES, GRADE AND SEED.

CAMPGROUND DEMO SITE PLAN

SHOWER BUILDINGS & CABIN RENOVATIONS FOR:
PINE LAKE STATE PARK

NO.	BY	DATE	REVISION

DRAWN BY: PROJECT NUMBER:
19-02-42-01

CHK'D BY: DATE:
03.17.2020

SHEET No:

A-005

CONSULTANT:

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22620 COUNTY HIGHWAY S56

CAMPGROUND SHOWER ELECTRICAL NARRATIVE

THE FOLLOWING NARRATIVE DESCRIBES THE MODIFIED ELECTRICAL DISTRIBUTION TO THE NEW CAMPGROUND SHOWER BUILDINGS AND ADJACENT POWER NEEDS. PLEASE REFER TO SHEET A-010, A-400, A-401, C-001, & C-002 FOR MORE INFORMATION. ALL ELECTRICAL WORK TO BE NEC COMPLIANT AND FOLLOW ALL CODES AND LOCAL ORDINANCES AS REQUIRED BY LAW.

ELECTRICAL POWER SHALL BE PROVIDED TO THE WEST SHOWER BUILDING BY ELECTRICAL CONDUCTORS FROM DISTRIBUTION PANEL #2. PROVIDE 3-#2/0 COPPER CONDUCTORS, APPROXIMATELY 100 FEET LONG, AND ONE #4 COPPER GROUND WIRE FROM 150A BREAKER (CIRCUIT #7) IN THE DISTRIBUTION PANEL. THESE CONDUCTORS SHALL CROSS THE ROAD IN THE EXISTING 3" CONDUIT TO BE LOCATED IN THE FIELD.

THE BREAKERS IN DISTRIBUTION PANEL #2 SHALL BE REARRANGED AS FOLLOWS: CIRCUIT #4 AND #5 SHALL REMAIN AS 175A BREAKERS. CIRCUITS #6 AND #7 BREAKERS SHALL BE SWAPPED BETWEEN THE TWO. CIRCUIT #6 SHALL USE THE 100A BREAKER FROM THE OLD LATRINE (CIRCUIT #7) AND THE SHOWER BUILDING SHALL USE THE 150A BREAKER FROM THE OLD CIRCUIT #6 LAYOUT. CIRCUIT # 6 CURRENTLY HAS 5-50A ELECTRICAL CAMP SITE PEDESTALS ON THE CIRCUIT. TWO OF THOSE CAMP SITES ARE BEING REMOVED SO THAT CIRCUIT #6 WILL SERVE ONLY 3 CAMP SITES AT 50A EACH. CODE ALLOWS THE USE OF A 100A MAIN BREAKER FOR THREE 50A SITES.

THE EXISTING KIOSK IS SERVED ELECTRICALLY BY A CAMP SITE PEDESTAL TO THE NORTH OF THE NEW HOST SITE PEDESTAL. THAT SERVICE SHALL REMAIN AND THE PEDESTAL SHALL BE LOCKED FROM PUBLIC ACCESS.

ELECTRICAL POWER SHALL BE PROVIDED TO THE EAST SHOWER BUILDING BY ELECTRICAL CONDUCTORS FROM DISTRIBUTION PANEL #4. PROVIDE 3-#2/0 COPPER CONDUCTORS, APPROXIMATELY 200 FEET LONG, AND ONE #4 COPPER GROUND WIRE FROM A 150A BREAKER IN THE DISTRIBUTION PANEL. THESE CONDUCTORS SHALL CROSS THE ROAD IN A NEW 3" CONDUIT TO BE LOCATED IN THE FIELD AND PUSHED UNDER THE ROAD.

THE BREAKERS IN DISTRIBUTION PANEL #4 SHALL BE REARRANGED AS FOLLOWS: CIRCUIT #11 TO THE OLD CONCESSION BUILDING AND CIRCUIT #12 TO THE OLD WATER TREATMENT BUILDING ARE TO BE ELIMINATED. THE EXISTING BREAKERS SHALL REMAIN IN PLACE AND BE NOTED AS BLANK. CIRCUIT #13 TO THE SHOWER BUILDING IS TO BE UPGRADED TO A NEW 150A-2 POLE CIRCUIT BREAKER TO MATCH THE OTHER BREAKERS. CIRCUIT #14 HAS NO CHANGE. THERE MAY BE AN ADDITIONAL BREAKER TO THE LIFT STATION. SEE NOTE BELOW.

ELECTRICAL CONTRACTOR SHALL INVESTIGATE THE SERVICE TO THE EXISTING LIFT STATION TO DETERMINE IF THE SYSTEM MEETS CODE. IT IS SUSPECTED THAT THE SERVICE TO THE LIFT STATION IS BEING PROVIDED BY LEGS OFF OF TWO SEPARATE DISTRIBUTION PANELS (#3 AND #4) AND A GROUND SPLICE BOX (PER THE OLD PLANS). A REPAIR/UPGRADE TO THIS CIRCUIT WILL BE HANDLED BY CHANGE ORDER AFTER THE INVESTIGATION AND PROPOSED REMEDY IS PRESENTED IF IT IS FOUND TO BE NON-CONFORMING OR A SAFETY ISSUE.

02 NOT USED
SCALE: 1/32" = 1'-0"



01 DEMOLITION PLAN - BOAT RAMP SITE
SCALE: 1/32" = 1'-0"

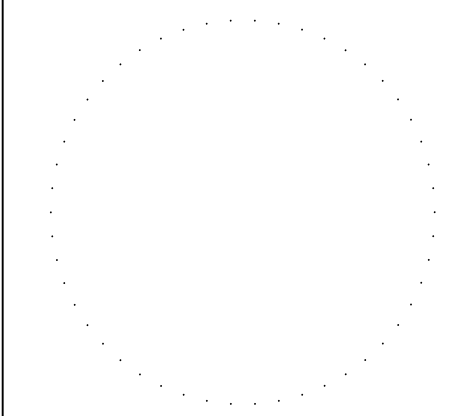
KEYNOTES

1. DEMOLISH EXISTING DRIVE/SIDEWALK, FILL, COMPACT, AND RESTORE DISTURBED AREA.
2. DEMOLISH EXISTING SHOWER BUILDING, PHASE 1 OF CONSTRUCTION, REFER TO PROJECT SCOPE FOR DETAILS.
3. DEMOLISH EXISTING RESTROOM BUILDING, PHASE 2 OF CONSTRUCTION, REFER TO PROJECT SCOPE FOR DETAILS.
4. REMOVE EXISTING CONCRETE SHELTER SLAB, PROTECT EXISTING SHELTER IN PLACE AND PREP GROUND FOR NEW SLAB. ALTERNATE #1: DEMOLISH EXISTING SHELTER BUILDING.
5. DEMOLISH EXISTING PIT LATRINE, PHASE 1 OF CONSTRUCTION, REFER TO PROJECT SCOPE FOR DETAILS.
6. DEMOLISH EXISTING ELECTRICAL POLE, REMOVE AND DISPOSE POLE AND LIGHT, DISCONNECT ELECTRICAL TO LIGHT.
7. DEMOLISH EXISTING FOUNDATIONS AND CONCRETE SLABS, RESTORE AREA.

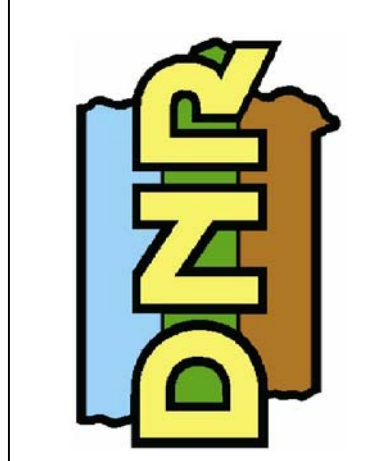
GENERAL NOTES

- A. ALL ELECTRICAL SHALL BE NEC CODE COMPLIANT AND ALL CODES AND ORDINANCES SHALL BE FOLLOWED WHICH ARE REQUIRED BY LAW. ALL OUTLETS TO BE MOUNTED AT 42" A.F.F.
- B. FIELD VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.
- C. PRECAST CONCRETE MODULAR BUILDING BY HUFFCUTT OR PRE-APPROVED EQUAL.
- D. ALL SANITARY AND WATER LINE WORK SHALL COMPLY WITH ALL APPLICABLE CODES AS NECESSARY BY LAW PER STATE AND LOCAL JURISDICTION.
- E. REMOVE ALL TREES WHICH CONFLICT WITH THE INSTALLATION OF THE NEW SHOWER/RESTROOM BUILDING, PROTECT ALL TREES IN PLACE WHICH MAY REMAIN.
- F. GRADE EXISTING SITE -6" BELOW CURRENT BUILDING ELEVATION FOR PROPER INSTALL OF PRECAST BUILDING. COORDINATE WITH DNR INSPECTOR AND PRECAST SHOWER BUILDING MANUFACTURER PRIOR TO PROJECT COMMENCEMENT.
- G. CONTRACTOR TO RESTORE ALL DISTURBED AREAS OF CONSTRUCTION.

CONSULTANT:



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BOAT RAMP DEMO PLAN & ELECTRICAL NARRATIVE

SHOWER BUILDINGS & CABIN RENOVATIONS FOR:
PINE LAKE STATE PARK

22620 COUNTY HIGHWAY 556
ELDORA, IA 50627

NO.	BY DATE	REVISION

DRAWN BY: PROJECT NUMBER:
19-02-42-01
CHK'D BY: DATE:
03.17.2020

SHEET No:
A-006



01 CAMPGROUND SITE PLAN
SCALE: 1/64" = 1'-0"

KEYNOTES

1. 4-HOLE FAMILY STYLE, IOWA STANDARD PRECAST CONCRETE SHOWER BUILDING (JUNIPER).
2. IOWA STANDARD PRECAST CONCRETE SHOWER BUILDING (NORWAY PINE).
3. 1-HOLE, LEFT HANDED, IOWA STANDARD PRECAST CONCRETE PIT LATRINE BUILDING.
4. 24" NEENAH CAST IRON DETECTION PANELS, ENTIRE WIDTH OF SIDEWALK.
5. 5'-0" CONCRETE SIDEWALK, REFER TO A-013 FOR DETAILS.
6. DRAIN-DOWN PIT, REFER TO 01/A-013 FOR DETAILS.
7. EXISTING ROAD TO REMAIN.
8. ADA PARKING SIGN, REFER TO SHEET A-013 FOR DETAILS.
9. ELECTRICAL LINE TO PROPOSED SHOWER BUILDING.
10. CURB RAMP SIDEWALK, REFER SHEET A-013 FOR DETAILS.
11. EXISTING ELECTRICAL DISTRIBUTION PANEL TO REMAIN.
12. EXISTING SIDEWALK TO REMAIN.
13. 4" SCHEDULE 40 PVC SANITARY LINE FROM NEW BUILDING TO EXISTING MANHOLE.
14. SANITARY MANHOLE, REFER TO SHEET A-014 FOR MORE INFORMATION.
15. 2" COPPER WATER SERVICE LINE TO SHOWER BUILDING.
16. ELECTRICAL HAND-HOLE BOX, CONNECT EXISTING LINE TO NEW LINE TO SHOWER BUILDING.
17. EXISTING PARKING AREA TO REMAIN.
18. EXISTING DISTRIBUTION PANEL TO REMAIN, RUN NEW ELECTRICAL TO BUILDING.
19. EXISTING ELECTRICAL LINE.
20. PRECAST CONCRETE WHEEL STOPS, REFER TO SHEET A-013 FOR DETAILS.

21. CONCRETE ADA PARKING AREA WITH STRIPING AND SYMBOL PAINT, REFER TO SHEET A-012 FOR DETAILS. DO NOT STRIPE OR SIGN THE PARKING AREA BY CABINS.
22. NEW CONCRETE FULL HOOK-UP CAMPSITE, REFER TO SHEET C-1 FOR MORE INFORMATION.
23. EXISTING SHELTER TO REMAIN, REPLACE CONCRETE SLAB, REFER TO 01/A-012 FOR MORE INFORMATION.
24. EXISTING SANITARY MANHOLE TO REMAIN.
25. EXISTING WATER PIT TO REMAIN.
26. SANITARY CLEANOUT WITH CAST IRON COVER, WITH CAP, CAST INTO SIDEWALK FLUSH.
27. 6" THICK CONCRETE SHELTER SLAB WITH 4" SUBBASE. #4 REBAR 36" O.C. BOTH DIRECTIONS.
28. EXISTING SHELTER COLUMN, 3" EXPANSION AND FLOWABLE POLYURETHANE CAULK CONTINUOUS.
29. PROPOSED SHELTER BUILDING SLAB, SLAB ELEVATION DETERMINED BY DNR INSPECTOR, SLOPE 1% TO DRAIN WATER. REFER TO REFERENCE PLAN SHEET A-500.
30. 6'-0" X 4'-0" X 6" CONCRETE PAD WITH #4 EPOXY COATED REBAR 36" O.C. BOTH DIRECTIONS AND 4" SUBBASE. DOWEL INTO SHELTER PAD WITH 24" LONG, #4 DOWELS 12" O.C.
31. INSTALL ONE NEW PILOT ROCK Q3-2460 RB SURFACE MOUNT GRILL WITH S7 SHELF.
32. EXISTING FIRE-RING TO BE REINSTALLED.
33. 6" DEEP X 6" RING OF PEA GRAVEL AROUND ENTIRE PERIMETER OF FIRE-RING. INSTALL 3" STEEL RETAINER RING AROUND ROCK IN GRASSED AREA. GRAVEL SHOULD BE FLUSH WITH PATIO.
34. 6" THICK CONCRETE PATIO WITH #4 REBAR 24" O.C., BOTH DIRECTIONS, OVER 4" SUBBASE.
35. EXISTING BUILDING TO REMAIN, 3" EXPANSION WITH FLOWABLE POLYURETHANE CAULK CONTINUOUS.
36. STOOP FOOTING, REFER TO SHEET A-013 FOR MORE INFORMATION.

GENERAL NOTES

- A. ALL ELECTRICAL SHALL BE NEC CODE COMPLIANT AND ALL CODES AND ORDINANCES SHALL BE FOLLOWED WHICH ARE REQUIRED BY LAW. ALL OUTLETS TO BE MOUNTED AT 42" A.F.F.
- B. ALL SANITARY AND WATER LINE WORK SHALL COMPLY WITH ALL APPLICABLE CODES AS NECESSARY BY LAW PER STATE AND LOCAL JURISDICTION.
- C. REMOVE ALL TREES WHICH CONFLICT WITH THE INSTALLATION OF THE NEW SHOWER/RESTROOM BUILDING, PROTECT ALL TREES IN PLACE WHICH MAY REMAIN.
- D. FIELD VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.
- E. PRECAST CONCRETE MODULAR BUILDING BY HUFFCUTT OR PRE-APPROVED EQUAL. ALL PRE-CAST SHOWERS AND RESTROOM FACILITIES SHALL RECEIVE A FULL PERIMETER FOOTING AND BETWEEN ALL MODULES, REFER TO SHEET A-013.
- F. GRADE EXISTING SITE -6" BELOW CURRENT BUILDING ELEVATION FOR PROPER INSTALL OF PRECAST BUILDING. COORDINATE WITH DNR INSPECTOR AND PRECAST SHOWER BUILDING MANUFACTURER PRIOR TO PROJECT COMMENCEMENT.
- G. CONTRACTOR TO RESTORE ALL DISTURBED AREAS OF CONSTRUCTION. FILL, COMPACT, AND SEED.

CAMPGROUND SITE PLAN

SHOWER BUILDINGS & CABIN RENOVATIONS FOR:
PINE LAKE STATE PARK

22620 COUNTY HIGHWAY 556
ELDORA, IA 50627

NO.	BY	DATE	REVISION

DRAWN BY: PROJECT NUMBER:
19-02-42-01

CHECK'D BY: DATE:
03.17.2020

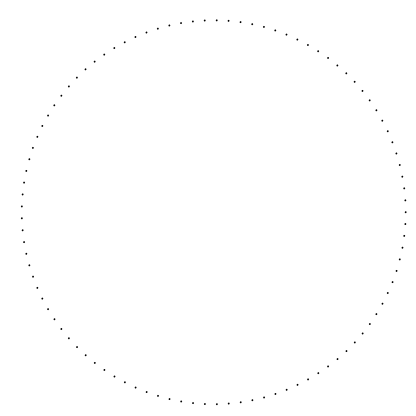
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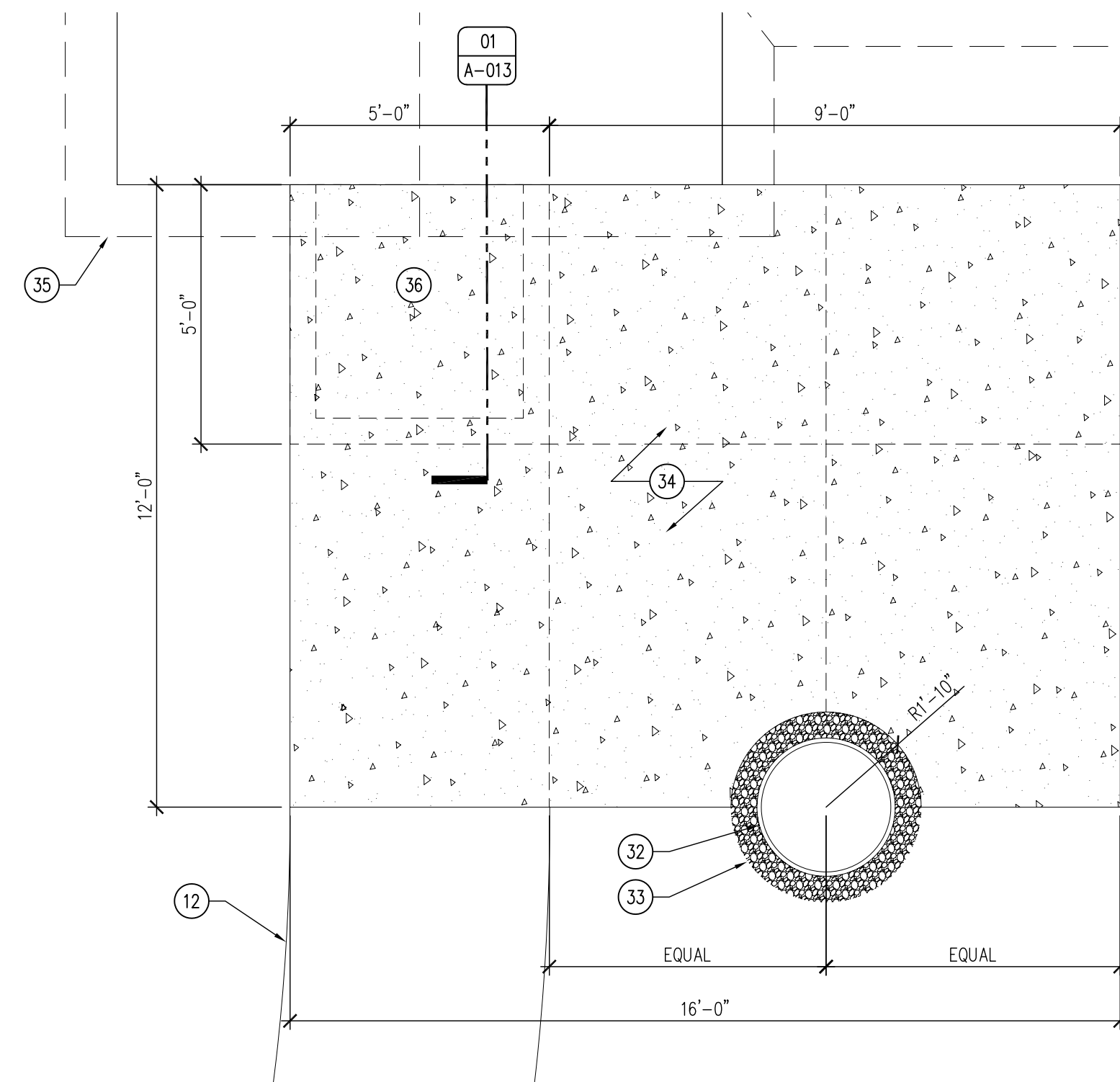
**IOWA DEPARTMENT OF
NATURAL RESOURCES**
ENGINEERING SERVICES - WALLACE BUILDING
502 E. 9TH ST., DES MOINES, IA 50319-0034
P: 515.725.8200
F: 515.725.8202



CONSULTANT:



03 NOT USED
SCALE: 1/4" = 1'-0"



02 ENLARGED CABIN PATIO PLAN
SCALE: 3/8" = 1'-0"



01 CABIN SITE PLAN
SCALE: 1/32" = 1'-0"

KEYNOTES

1. 4-HOLE FAMILY STYLE, IOWA STANDARD PRECAST CONCRETE SHOWER BUILDING (JUNIPER).
2. IOWA STANDARD PRECAST CONCRETE SHOWER BUILDING (NORWAY PINE).
3. 1-HOLE, LEFT HANDED, IOWA STANDARD PRECAST CONCRETE PIT LATRINE BUILDING.
4. 24" NEENAH CAST IRON DETECTION PANELS, ENTIRE WIDTH OF SIDEWALK.
5. 5'-0" CONCRETE SIDEWALK, REFER TO A-013 FOR DETAILS.
6. DRAIN-DOWN PIT, REFER TO 01/A-013 FOR DETAILS.
7. EXISTING ROAD TO REMAIN.
8. ADA PARKING SIGN, REFER TO SHEET A-013 FOR DETAILS.
9. ELECTRICAL LINE TO PROPOSED SHOWER BUILDING.
10. CURB RAMP SIDEWALK, REFER SHEET A-013 FOR DETAILS.
11. EXISTING ELECTRICAL TRANSFORMER TO REMAIN.
12. EXISTING SIDEWALK TO REMAIN.
13. 4" SCHEDULE 40 PVC SANITARY LINE FROM NEW BUILDING TO EXISTING MANHOLE.
14. SANITARY MANHOLE, REFER TO SHEET A-014 FOR MORE INFORMATION.
15. 2" COPPER WATER SERVICE LINE TO SHOWER BUILDING.
16. ELECTRICAL HAND-HOLE BOX, CONNECT EXISTING LINE TO NEW LINE TO SHOWER BUILDING.
17. EXISTING PARKING AREA TO REMAIN.
18. EXISTING DISTRIBUTION PANEL TO REMAIN, RUN NEW ELECTRICAL TO BUILDING.
19. EXISTING ELECTRICAL LINE.
20. PRECAST CONCRETE WHEEL STOPS, REFER TO SHEET A-013 FOR DETAILS.

21. CONCRETE ADA PARKING AREA WITH STRIPING AND SYMBOL PAINT, REFER TO SHEET A-012 FOR DETAILS. DO NOT STRIPE OR SIGN THE PARKING AREA BY CABINS.
22. NEW CONCRETE FULL HOOK-UP CAMPSITE, REFER TO SHEET C-1 FOR MORE INFORMATION.
23. EXISTING SHELTER TO REMAIN, REPLACE CONCRETE SLAB, REFER TO 01/A-012 FOR MORE INFORMATION.
24. EXISTING SANITARY MANHOLE TO REMAIN.
25. EXISTING WATER PIT TO REMAIN.
26. SANITARY CLEANOUT WITH CAST IRON COVER, WITH CAP, CAST INTO SIDEWALK FLUSH.
27. 6" THICK CONCRETE SHELTER SLAB WITH 4" SUBBASE. #4 REBAR 36" O.C. BOTH DIRECTIONS.
28. EXISTING COLUMN, 3" EXPANSION AND FLOWABLE POLYURETHANE CAULK CONTINUOUS.
29. PROPOSED SHELTER BUILDING SLAB, SLAB ELEVATION DETERMINED BY DNR INSPECTOR, SLOPE 1% TO DRAIN WATER. REFER TO REFERENCE PLAN SHEET A-500.
30. 6'-0" X 4'-0" X 6" CONCRETE PAD WITH #4 EPOXY COATED REBAR 36" O.C. BOTH DIRECTIONS AND 4" SUBBASE. DOWEL INTO SHELTER PAD WITH 24" LONG, #4 DOWELS 12" O.C.
31. INSTALL ONE NEW PILOT ROCK Q3-2460 BB SURFACE MOUNT GRILL WITH S7 SHELF.
32. EXISTING FIRE-RING TO BE REINSTALLED.
33. 6" DEEP X 6" RING OF PEA GRAVEL AROUND ENTIRE PERIMETER OF FIRE-RING. INSTALL 3" STEEL RETAINER RING AROUND ROCK IN GRASSED AREA. GRAVEL SHOULD BE FLUSH WITH PATIO.
34. 6" THICK CONCRETE PATIO WITH #4 REBAR 24" O.C., BOTH DIRECTIONS, OVER 4" SUBBASE.
35. EXISTING BUILDING TO REMAIN, 3" EXPANSION WITH FLOWABLE POLYURETHANE CAULK CONTINUOUS.
36. STOOP FOOTING, REFER TO SHEET A-013 FOR MORE INFORMATION.

GENERAL NOTES

- A. ALL ELECTRICAL SHALL BE NEC CODE COMPLIANT AND ALL CODES AND ORDINANCES SHALL BE FOLLOWED WHICH ARE REQUIRED BY LAW. ALL OUTLETS TO BE MOUNTED AT 42" A.F.F.
- B. FIELD VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.
- C. PRECAST CONCRETE MODULAR BUILDING BY HUFFCUTT OR PRE-APPROVED EQUAL.
- D. ALL SANITARY AND WATER LINE WORK SHALL COMPLY WITH ALL APPLICABLE CODES AS NECESSARY BY LAW PER STATE AND LOCAL JURISDICTION.
- E. REMOVE ALL TREES WHICH CONFLICT WITH THE INSTALLATION OF THE NEW SHOWER/RESTROOM BUILDING. PROTECT ALL TREES IN PLACE WHICH MAY REMAIN.
- F. GRADE EXISTING SITE -6" BELOW CURRENT BUILDING ELEVATION FOR PROPER INSTALL OF PRECAST BUILDING. COORDINATE WITH DNR INSPECTOR AND PRECAST SHOWER BUILDING MANUFACTURER PRIOR TO PROJECT COMMENCEMENT.
- G. CONTRACTOR TO RESTORE ALL DISTURBED AREAS OF CONSTRUCTION.

CABIN SITE PLAN

SHOWER BUILDINGS & CABIN RENOVATIONS FOR:
PINE LAKE STATE PARK

22620 COUNTY HIGHWAY 556 ELDORA, IA 50627

IOWA DEPARTMENT OF NATURAL RESOURCES
ENGINEERING SERVICES - WALLACE BUILDING
502 E. 9TH ST., DES MOINES, IA 50319-0034
P: 515.725.8200 F: 515.725.8202



CONSULTANT:

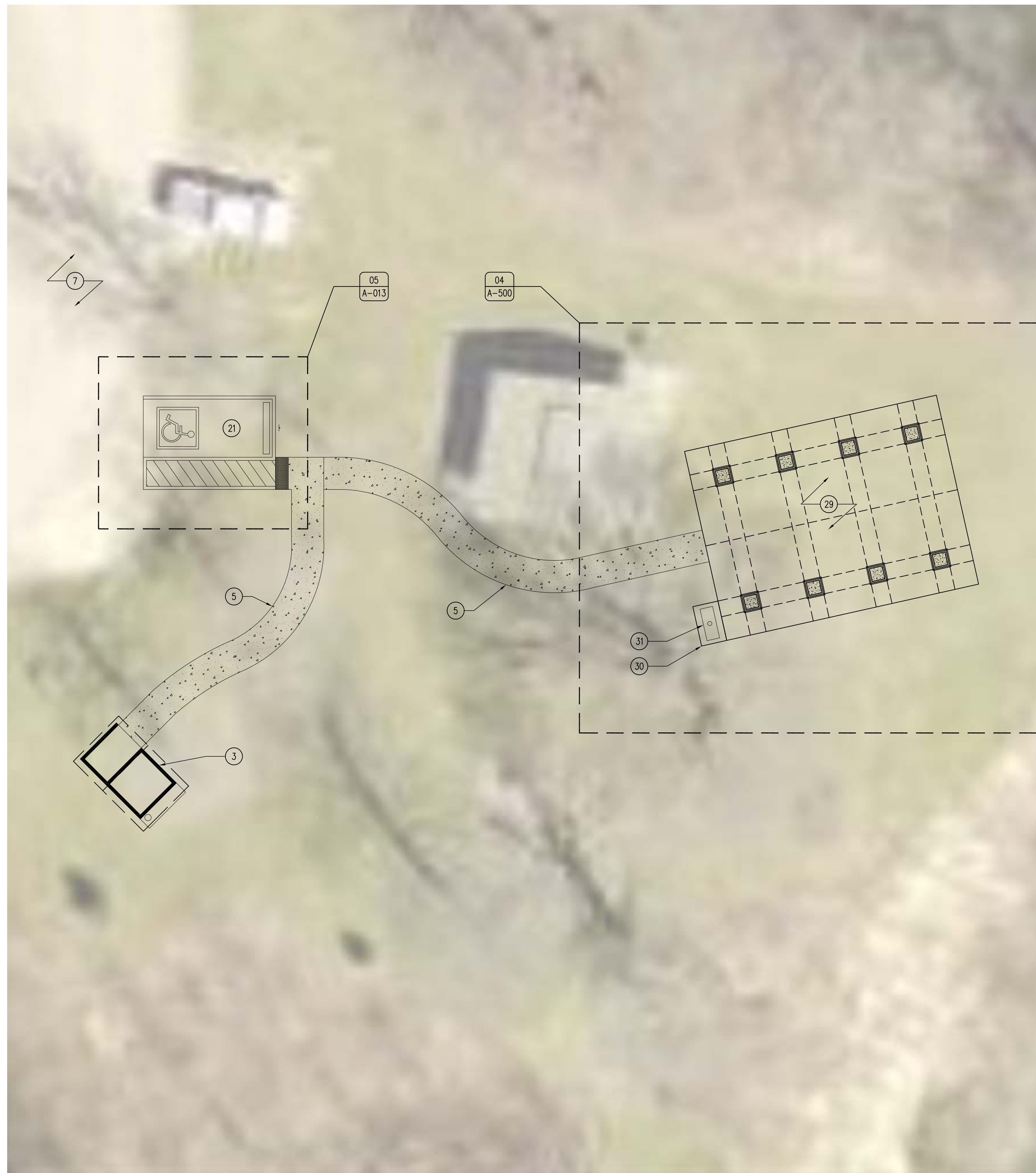
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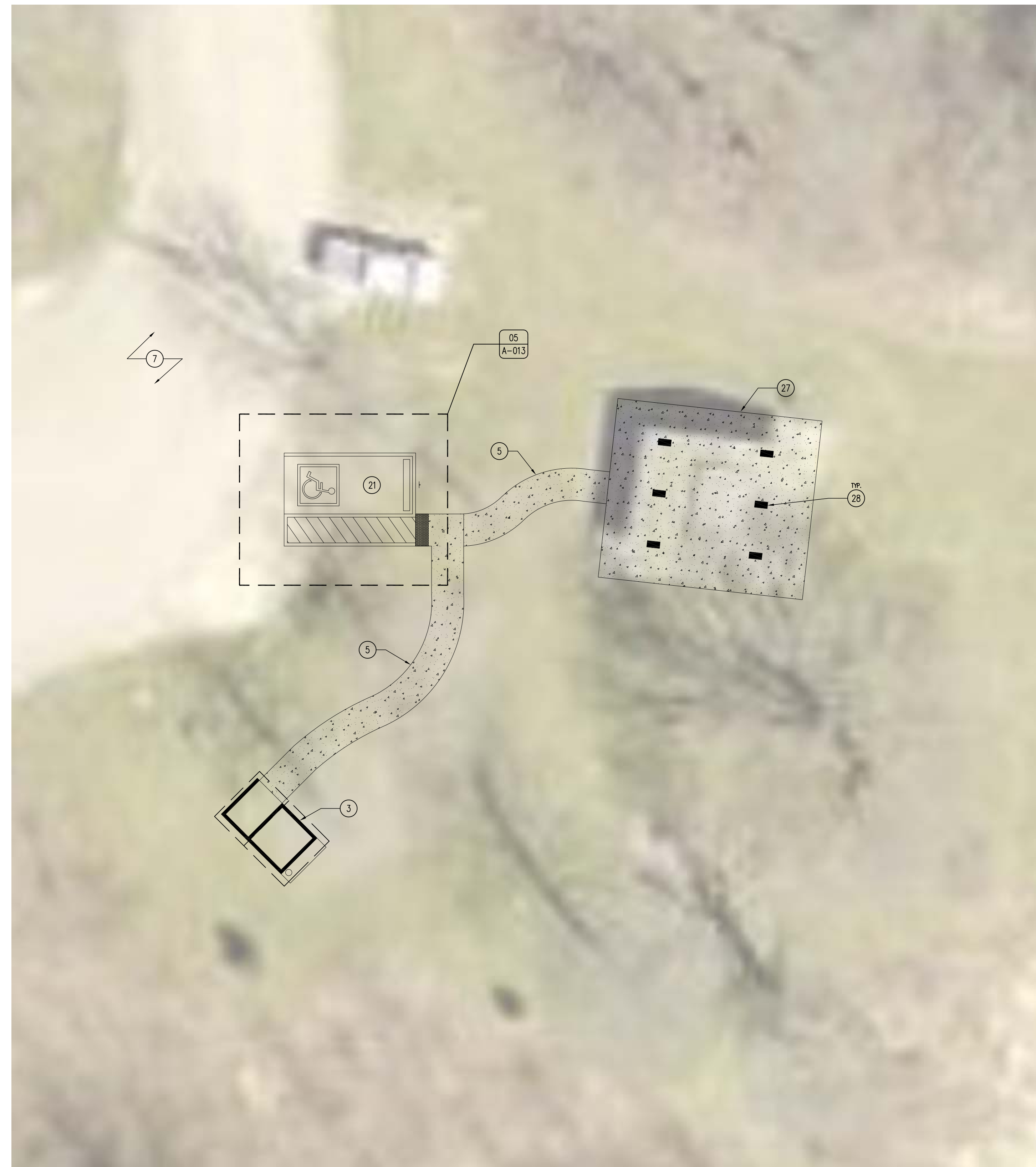
DATE:
03.17.2020

SHEET NO:

A-011



02 ALTERNATE #1: DESIGN GUIDE SHELTER, SIDEWALK, PARKING, & PIT LATRINE
SCALE: 3/32" = 1'-0"



01 ALTERNATE #2: EXISTING SHELTER SLAB, SIDEWALK, PARKING, & PIT LATRINE
SCALE: 3/32" = 1'-0"

KEYNOTES

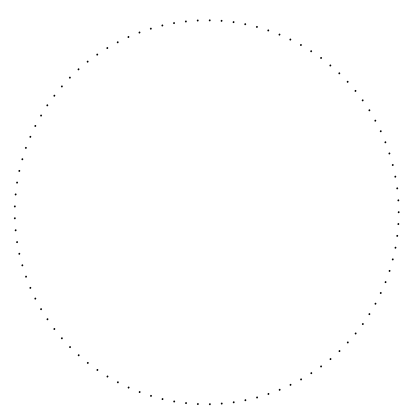
1. 4-HOLE FAMILY STYLE, IOWA STANDARD PRECAST CONCRETE SHOWER BUILDING (JUNIPER).
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5. 5'-0" CONCRETE SIDEWALK, REFER TO A-013 FOR DETAILS.
6. DRAIN-DOWN PIT, REFER TO 01/A-013 FOR DETAILS.
7. EXISTING ROAD TO REMAIN.
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17. EXISTING PARKING AREA TO REMAIN.
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25. EXISTING WATER PIT TO REMAIN.
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36. STOOP FOOTING, REFER TO SHEET A-013 FOR MORE INFORMATION.

GENERAL NOTES

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- G. CONTRACTOR TO RESTORE ALL DISTURBED AREAS OF CONSTRUCTION. FILL, COMPACT, AND SEED.

CONSULTANT:



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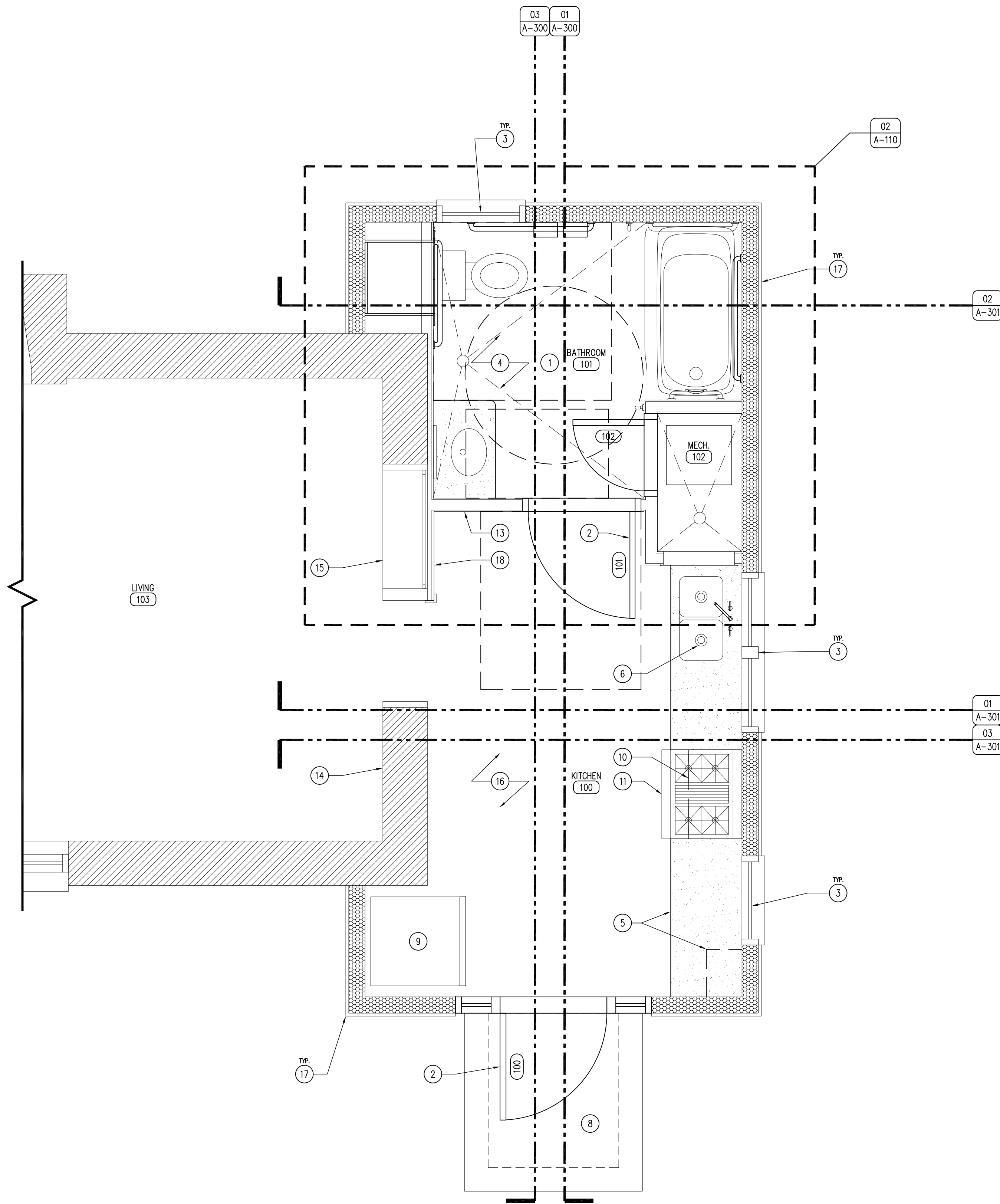
SHELTER REFERENCE FLOOR PLANS

SHOWER BUILDINGS & CABIN RENOVATIONS FOR:
PINE LAKE STATE PARK
22620 COUNTY HIGHWAY 556
ELDORA, IA 50627

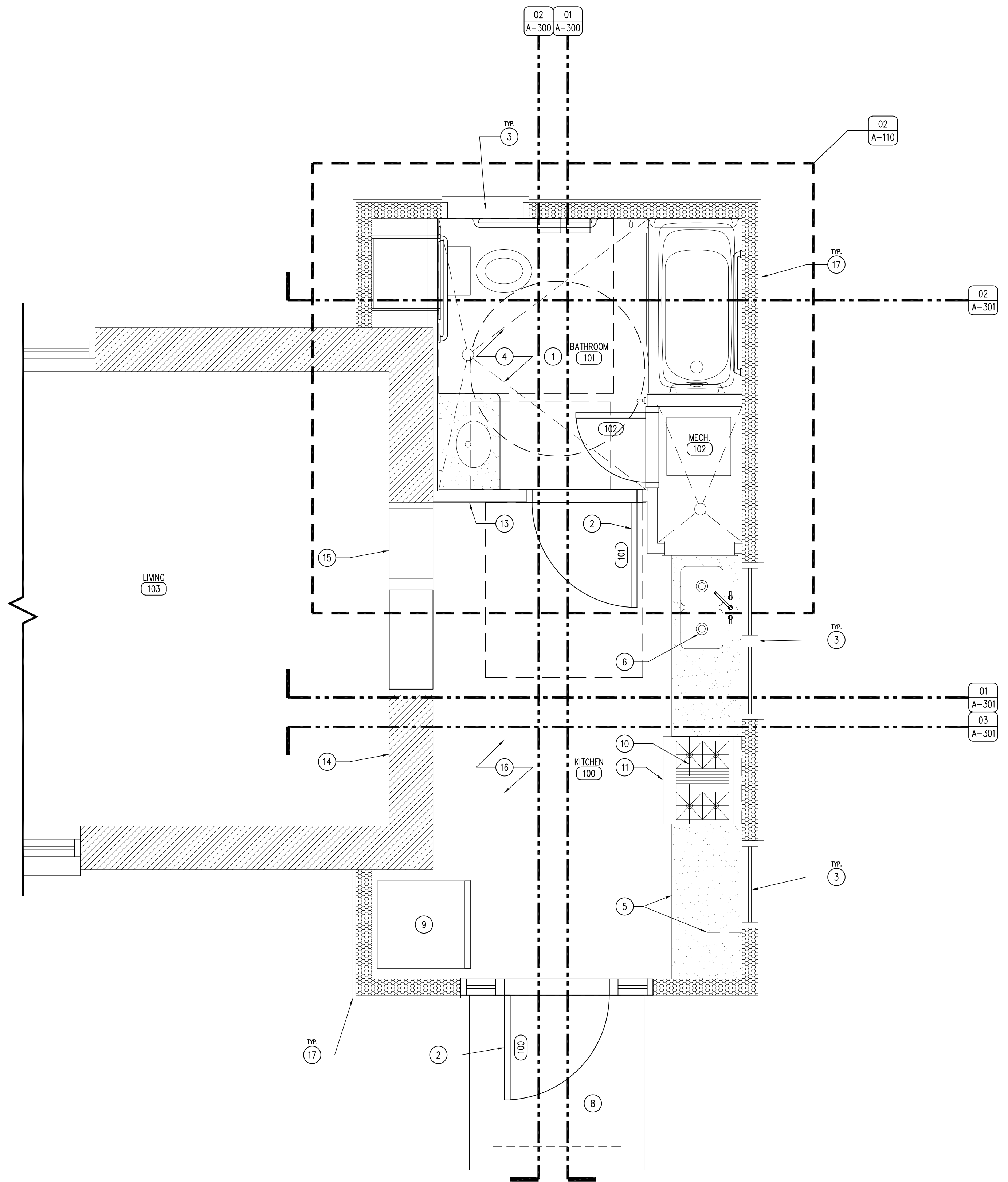
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03.17.2020

SHEET NO:
A-012



02 REFERENCE FLOOR PLAN - CABIN 3
SCALE: 1/2" = 1'-0"



01 REFERENCE FLOOR PLAN - CABIN 1, 2, & 4
SCALE: 1/2" = 1'-0"

KEYNOTES

1. COMPLIANT BATHROOM, REFER TO SHEET A-110 FOR MORE INFORMATION.
2. DOOR AS SCHEDULED, REFER TO SHEET A-600.
3. EXISTING WINDOW TO REMAIN.
4. FLOOR FINISH AS SCHEDULED, REFER TO SHEET A-600.
5. QUARTZ COUNTER-TOP AND CABINETS, REFER TO SHEET A-600.
6. UNDERMOUNT ADA SINK, REFER TO PLUMBING DRAWINGS.
7. CONCRETE PATIO, REFER TO SHEET A-011.
8. STOOP FOOTING, REFER TO SHEET A-010.
9. REFRIGERATOR BY OWNER.
10. MICROWAVE BY OWNER.
11. OVEN BY OWNER.
12. EXISTING WINDOWS TO REMAIN.
13. STUD WALL, REFER TO A-101 AND A-002 FOR MORE INFORMATION.
14. EXISTING WALL TO REMAIN.
15. EXISTING BOOK SHELVES AND DOOR ARCH TO REMAIN.
16. EXISTING FLOOR TO REMAIN.
17. EXISTING WALL TO RECEIVE 5" OF CLOSED-CELL SPRAY-FOAM, REFER TO SHEET A-002.
18. 2X STUD WALL WITH 3/4" HARD MAPLE PLYWOOD WITH 3/4" HARD MAPLE TRIM, REFER TO SHEET A-600.

GENERAL NOTES

- A. REFER TO FINISH, DOOR & WINDOW SCHEDULE, SHEET A-600.
- B. REFER TO REFLECTED CEILING PLAN FOR CEILING HEIGHTS, SHEET A-110.
- C. REFER TO INDEX SHEET FOR WALL TYPES, SHEET A-002.
- D. FIELD VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION, SHEET A-101.
- E. FIELD VERIFY ALL EQUIPMENT LOCATIONS FOR ELECTRICAL OUTLET LOCATIONS, REFER TO ELECTRICAL PLAN.
- F. REFER TO ELECTRICAL DRAWINGS FOR LIGHTING AND POWER LAYOUTS.
- G. CONTRACTOR SHALL CAULK ALL INTERIOR CONCRETE SAW-CUT JOINTS AND ALL EXPANSION JOINTS WITH FLOWABLE URETHANE SEALANT, COLOR TO BE GRAY.

CONSULTANT:

**IOWA DEPARTMENT OF
NATURAL RESOURCES**

ENGINEERING SERVICES - WALLACE BUILDING
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REFERENCE FLOOR PLANS

SHOWER BUILDINGS & CABIN RENOVATIONS FOR:
PINE LAKE STATE PARK

ELDORA, IA 50627

22620 COUNTY HIGHWAY 556

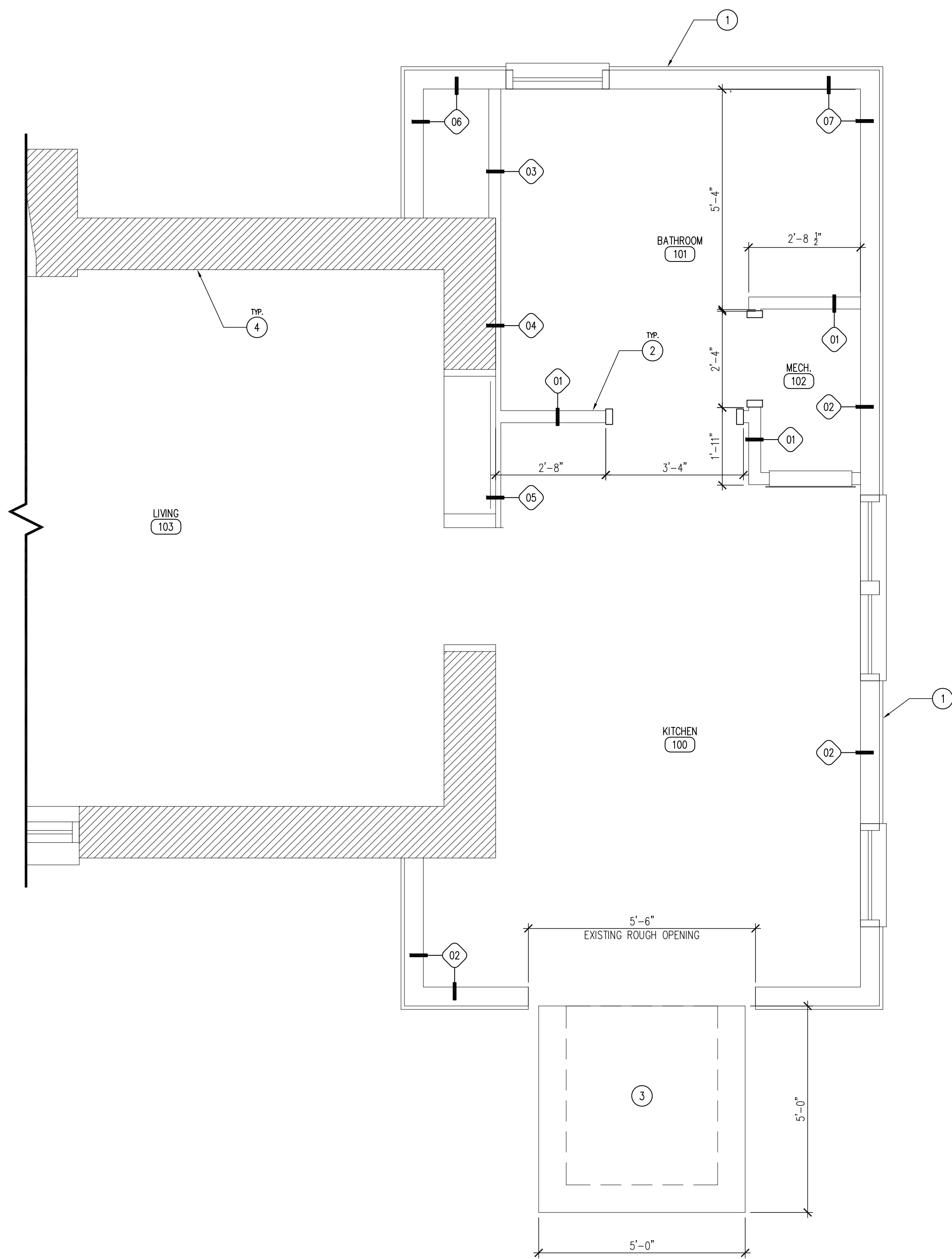
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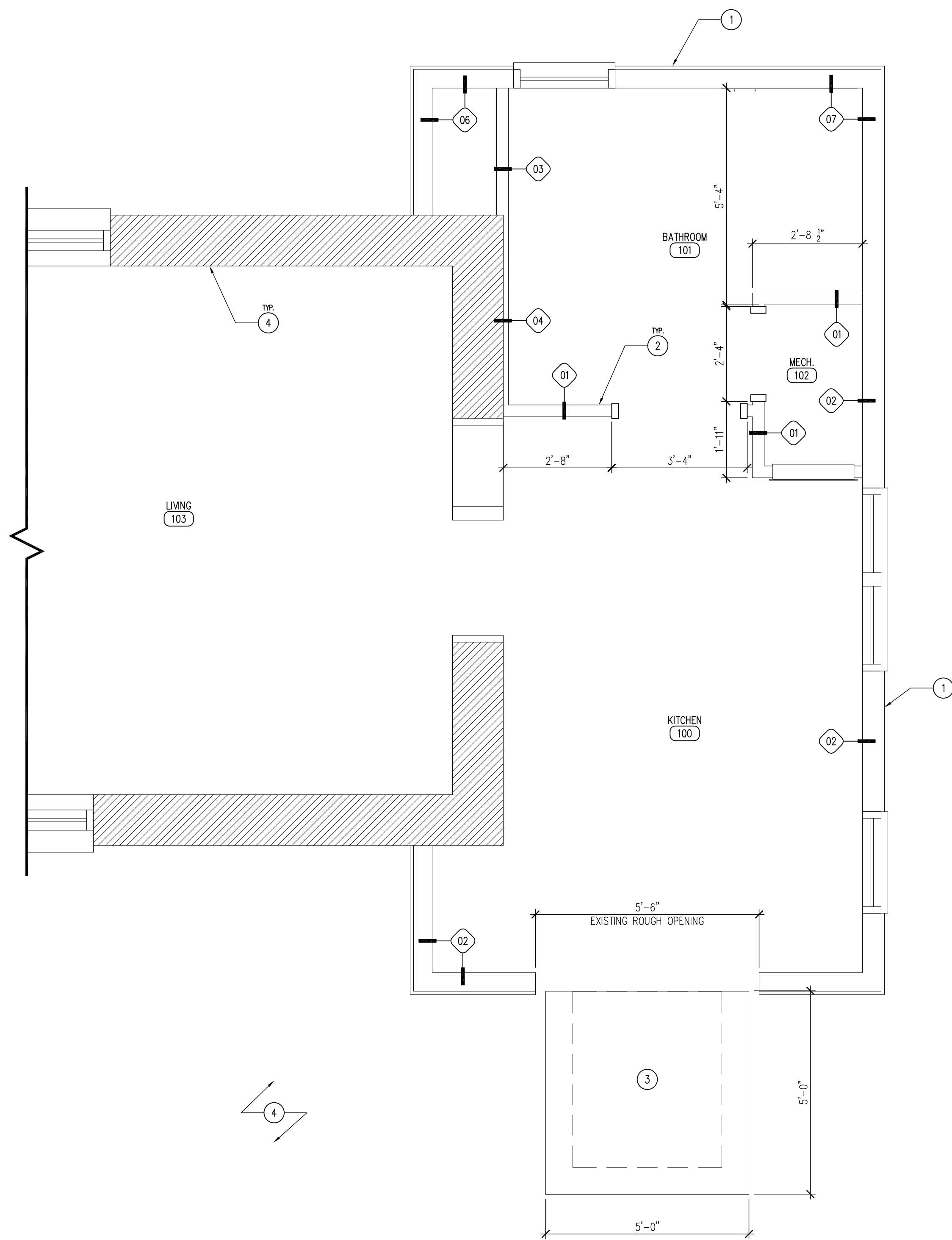
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03.17.2020

SHEET No:

A-100



02 DIMENSION FLOOR PLAN - CABIN 3
SCALE: 1/2" = 1'-0"



01 DIMENSION FLOOR PLAN - CABIN 1, 2, & 4
SCALE: 1/2" = 1'-0"

KEYNOTES

1. EXISTING EXTERIOR STUD WALL, SEE WALL TYPES SHEET A-002.
2. INTERIOR STUD WALL, SEE WALL TYPES SHEET A-002.
3. STOOP FOOTING.
4. EXISTING STONE WALL TO REMAIN.

GENERAL NOTES

- A. REFER TO FINISH & DOOR SCHEDULE, SHEET A-600.
- B. REFER TO REFLECTED CEILING PLAN FOR CEILING HEIGHTS, SHEET A-110.
- C. REFER TO INDEX SHEET FOR WALL TYPES, SHEET A-002.
- D. FIELD VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.
- E. FIELD VERIFY ALL EQUIPMENT LOCATIONS FOR ELECTRICAL OUTLET LOCATIONS, REFER TO ELECTRICAL PLAN.

CONSULTANT:

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DIMENSION FLOOR PLANS

SHOWER BUILDINGS & CABIN RENOVATIONS FOR:
PINE LAKE STATE PARK

ELDORA, IA 50627

22620 COUNTY HIGHWAY 356

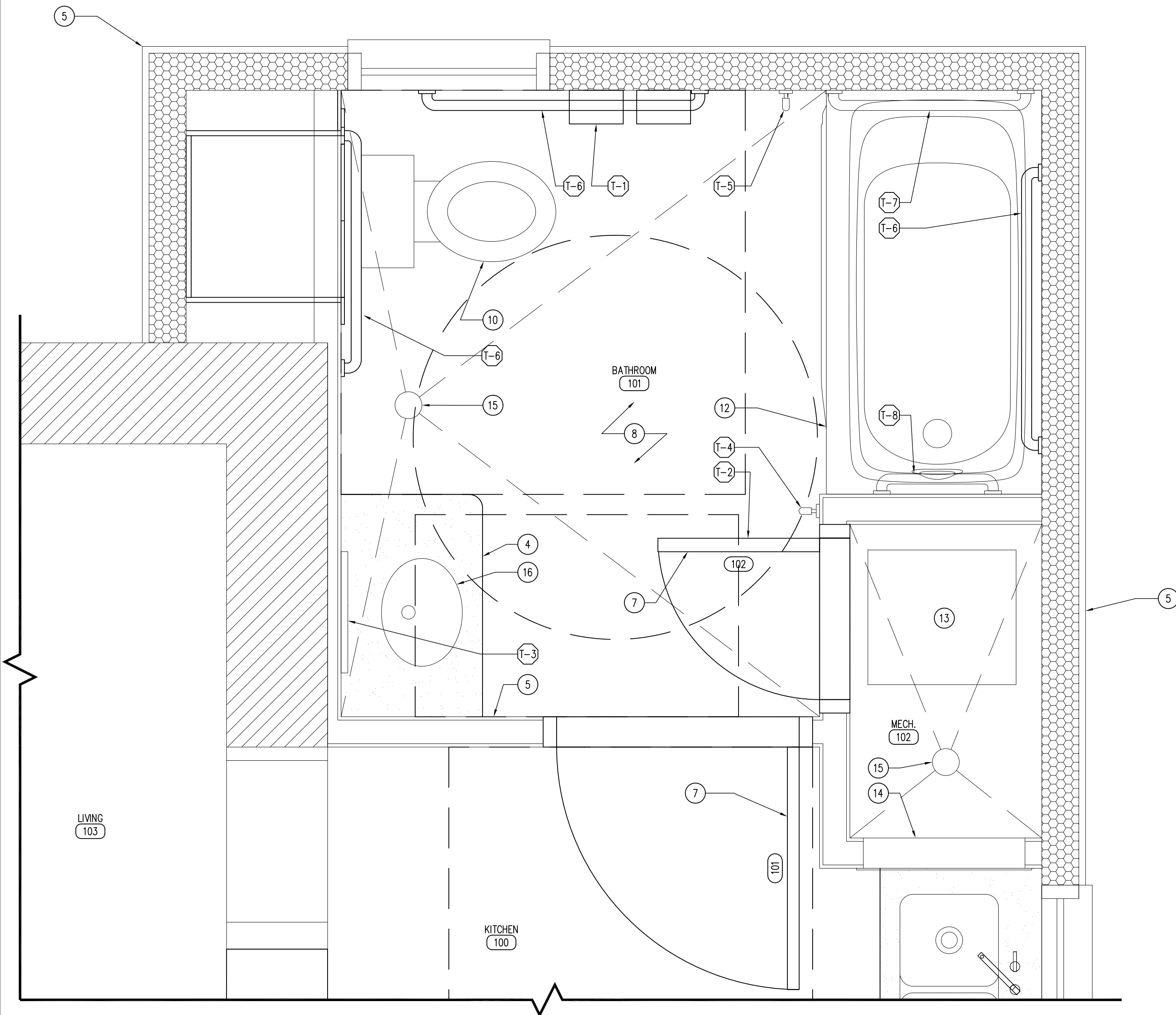
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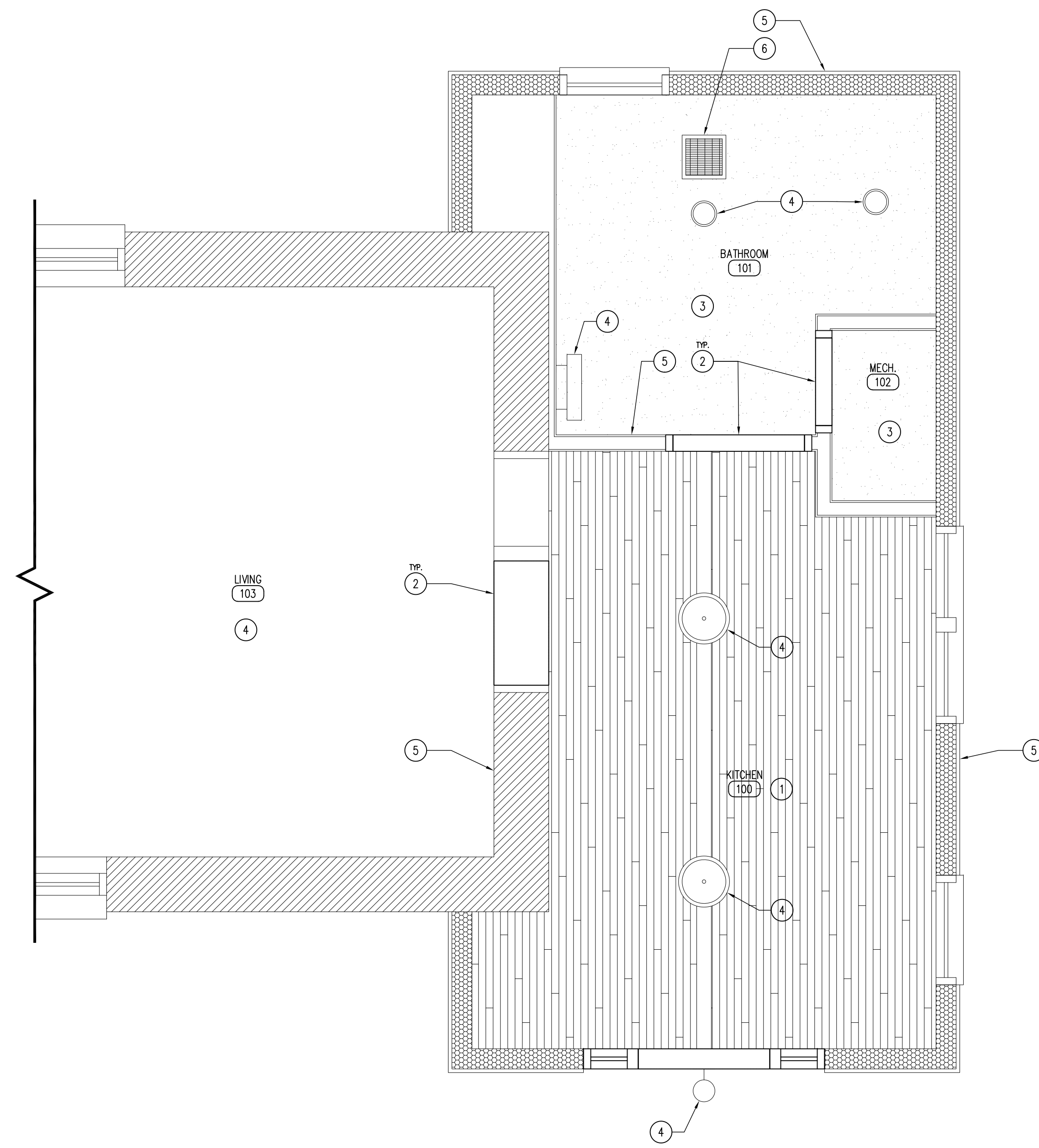
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SHEET No:

A-101



02 ENLARGE FLOOR PLAN - BATHROOM
SCALE: 1" = 1'-0"



01 CEILING PLAN - ALL CABINS
SCALE: 1/2" = 1'-0"

RESTROOM ACCESSORIES

- ALL MODEL NUMBERS BASED ON BOBRICK WASHROOM EQUIPMENT IN SATIN STAINLESS STEEL, UNLESS OTHERWISE NOTED.
- (T-1) SURFACE-MOUNTED SINGLE-ROLL TISSUE DISPENSER
B-6857
 - (T-2) CONCEALED MOUNTING WITH SNAP FLANGE TOWEL BARS
B-530 x 18
 - (T-3) SURFACE MOUNTED CABINET MIRROR
B-2908 2436
 - (T-4) SINGLE CLOTHES HOOK - CENTER ON DOOR
B-6827
 - (T-5) CONCEALED MOUNTING WITH SNAP FLANGE GRAB BARS
B-6806 x 36
 - (T-6) CONCEALED MOUNTING WITH SNAP FLANGE GRAB BARS
B-6806 x 42
 - (T-7) CONCEALED MOUNTING WITH SNAP FLANGE GRAB BARS
B-6806 x 24
 - (T-8) CONCEALED MOUNTING WITH SNAP FLANGE GRAB BARS
B-6806 x 18

LEGEND

- LED CAN LIGHT FIXTURE
- LED WALL SCONCE
- LED VANITY LIGHT
- BATH EXHAUST FAN
- LED CHANDELIER FIXTURE
- EXISTING 4/4 PINE T&G
- 5/8" TYPE X GYPSUM BOARD

KEYNOTES

1. EXISTING T&G CEILING TO REMAIN.
2. DOOR HEADER/WINDOW BELOW.
3. 5/8" GYPSUM HARD CEILING.
4. ELECTRICAL LIGHT FIXTURE, REFER TO ELECTRICAL PLAN.
5. WALL, REFER TO A-101 FOR MORE INFORMATION.
6. BATH EXHAUST FAN, REFER TO MECHANICAL PLAN.
7. DOOR AS SCHEDULED, REFER TO SHEET A-600.
8. FINISH FLOOR AS SCHEDULED, REFER TO FINISH SCHEDULE SHEET A-600.
9. 3/4" PLYWOOD CABINET WITH HARDWOOD VENEER (WD-1) ON CONCEALED HINGES, PROVIDE DECORATIVE HARDWARE WIRE PULLS (DARK BRONZE), REFER TO SHEET A-600.
10. ADA COMPLIANT UNDERMOUNT LAVATORY AND QUARTZ COUNTERTOP (QTZ-1) AS SHOWN, WITH SCALD GUARDS. REFER TO PLUMBING DRAWINGS.
11. ADA COMPLIANT TUB/SHOWER SURROUND, REFER TO PLUMBING DRAWINGS.
12. ADA COMPLIANT TUB/SHOWER SURROUND, REFER TO PLUMBING DRAWINGS.
13. AIR HANDLING UNIT, REFER TO MECHANICAL DRAWINGS.
14. LOUVERED RETURN GRILLE, REFER TO MECHANICAL DRAWINGS.
15. FLOOR DRAIN, REFER TO PLUMBING DRAWINGS.
16. 1 1/2" QUARTZ COUNTER TOP (QTZ-1), REFER TO SHEET A-600 FOR MORE INFORMATION.

GENERAL NOTES

- A. REFER TO FINISH, DOOR & WINDOW SCHEDULE, SHEET A-600.
- B. REFER TO REFLECTED CEILING PLAN FOR CEILING HEIGHTS, SHEET A-110.
- C. REFER TO INDEX SHEET FOR WALL TYPES, SHEET A-002.
- D. FIELD VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION, SHEET A-101.
- E. FIELD VERIFY ALL EQUIPMENT LOCATIONS FOR ELECTRICAL OUTLET LOCATIONS, REFER TO ELECTRICAL PLAN.
- F. CONTRACTOR SHALL HAVE THIS BUILDING, PRIOR TO CONSTRUCTION, PRE-ENGINEERED BY BUILDING SUPPLIER.
- G. REFER TO ELECTRICAL DRAWINGS FOR LIGHTING AND POWER LAYOUTS.

RCP & ENLARGED PLANS

SHOWER BUILDINGS & CABIN RENOVATIONS FOR:
PINE LAKE STATE PARK

**IOWA DEPARTMENT OF
NATURAL RESOURCES**

ENGINEERING SERVICES - WALLACE BUILDING
502 E. 9TH ST., DES MOINES, IA 50319-0034
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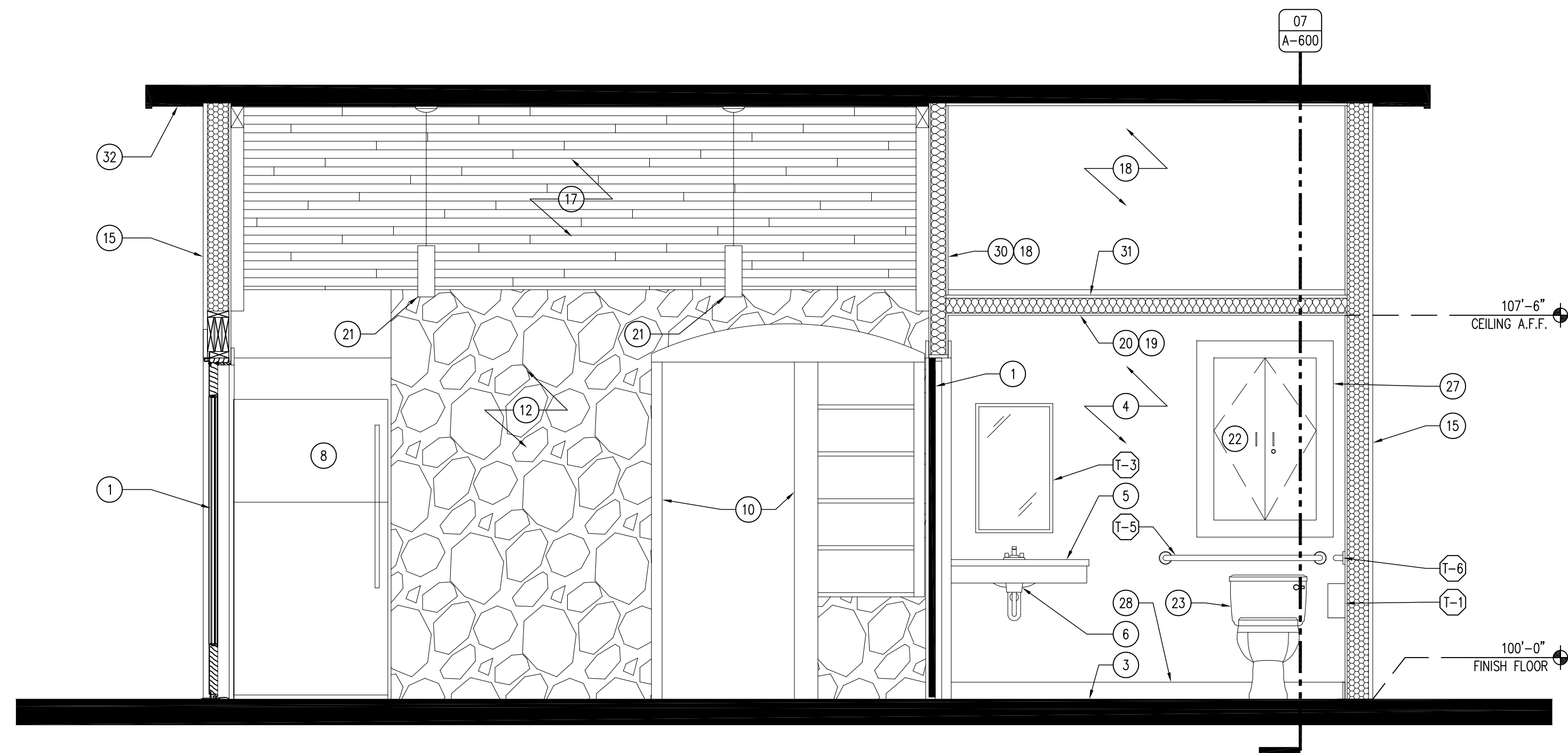
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SHEET No:

A-110

22620 COUNTY HIGHWAY 556 ELDORADO, IA 50627

04 ROOF DETAIL - EAVE
SCALE: 3" = 1'-0"



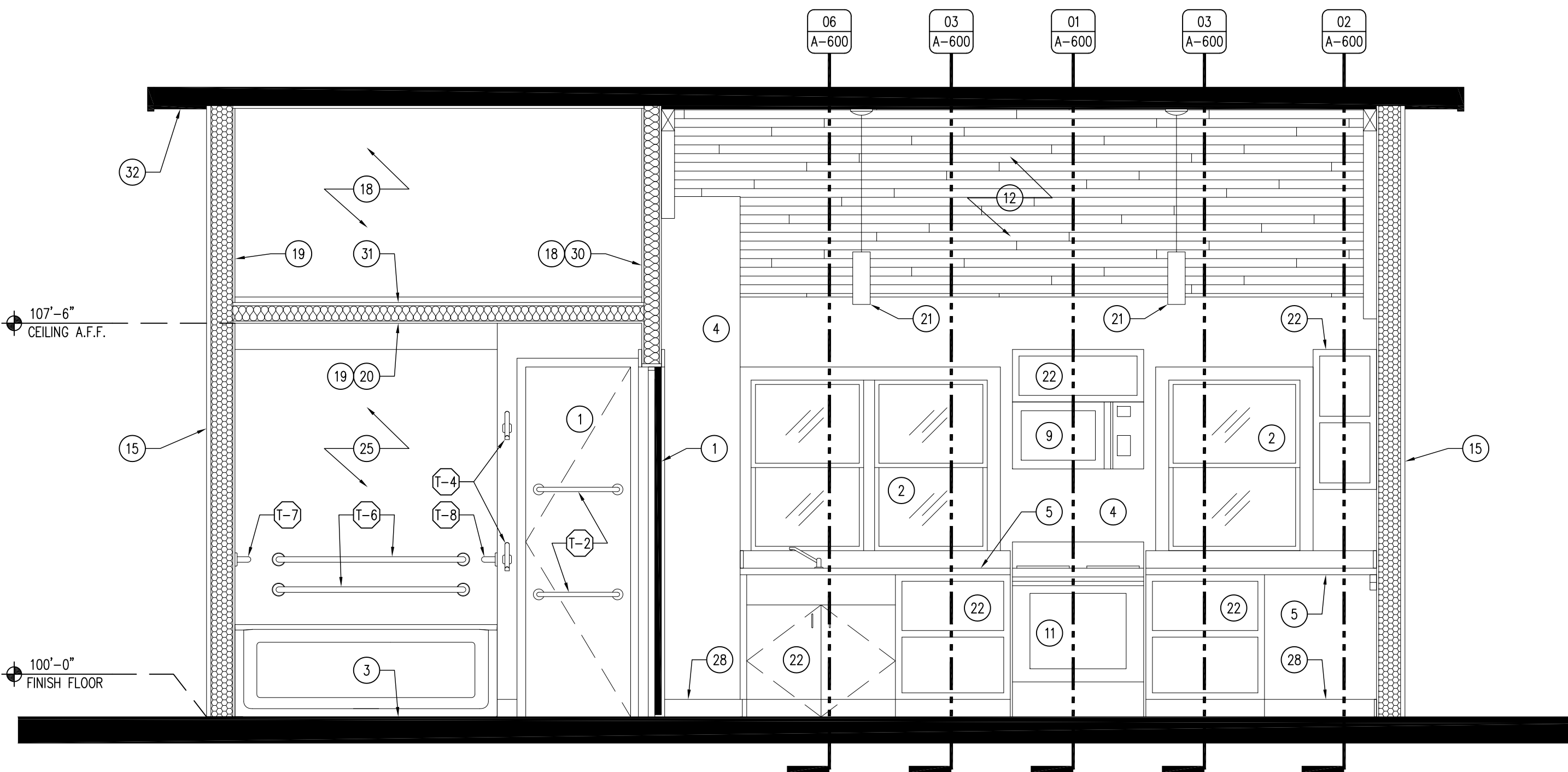
04 ROOF DETAIL - EAVE
SCALE: 3" = 1'-0"

RESTROOM ACCESSORIES	
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(T-2)	CONCEALED MOUNTING WITH SNAP FLANGE TOWEL BARS B-530 x 18
(T-3)	SURFACE MOUNTED CABINET MIRROR B-2908 24.36
(T-4)	SINGLE CLOTHES HOOK - CENTER ON DOOR B-6827
(T-5)	CONCEALED MOUNTING WITH SNAP FLANGE GRAB BARS B-6806 x 36
(T-6)	CONCEALED MOUNTING WITH SNAP FLANGE GRAB BARS B-6806 x 42
(T-7)	CONCEALED MOUNTING WITH SNAP FLANGE GRAB BARS B-6806 x 24
(T-8)	CONCEALED MOUNTING WITH SNAP FLANGE GRAB BARS B-6806 x 18

KEYNOTES	
1.	DOOR AS SCHEDULED, REFER TO SHEET A-600.
2.	EXISTING WINDOW TO REMAIN.
3.	FLOOR FINISH AS SCHEDULED, REFER TO SHEET A-600.
4.	WALL FINISH AS SCHEDULED, REFER TO SHEET A-002 AND A-600.
5.	1" QUARTZ COUNTER-TOP (QTZ-1), REFER SHEET A-600.
6.	UNDERMOUNT ADA SINK, REFER TO PLUMBING DRAWINGS.
7.	CONCRETE PATIO, REFER TO SHEET A-011.
8.	REFRIGERATOR BY OWNER.
9.	MICROWAVE BY OWNER.
10.	EXISTING WOOD BOOKCASE TO REMAIN.
11.	OVEN BY OWNER.
12.	EXISTING WALL TO REMAIN.
13.	EXISTING BOOK SHELVES AND DOOR ARCH TO REMAIN.
14.	EXISTING FLOOR TO REMAIN.
15.	EXISTING WALL TO RECEIVE 5" OF CLOSED-CELL SPRAY-FOAM, REFER TO SHEET A-002.
16.	2" HARD MAPLE PLYWOOD, REFER TO SHEET A-002.
17.	EXISTING T&G CEILING TO REMAIN.
18.	2" TYPE X GYPSUM BOARD CEILING.
19.	2" GYPSUM BOARD (MOISTURE RESISTANT IN BATHROOM), REFER TO SHEET A-002.
20.	2X6 STUD CEILING, 12" O.C.

GENERAL NOTES	
A.	REFER TO FINISH, DOOR & WINDOW SCHEDULE, SHEET A-600.
B.	REFER TO REFLECTED CEILING PLAN FOR CEILING HEIGHTS, SHEET A-110.
C.	REFER TO INDEX SHEET FOR WALL TYPES, SHEET A-002.
D.	FIELD VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION, SHEET A-101.
E.	FIELD VERIFY ALL EQUIPMENT LOCATIONS FOR ELECTRICAL OUTLET LOCATIONS, REFER TO ELECTRICAL PLAN.
F.	REFER TO ELECTRICAL DRAWINGS FOR LIGHTING AND POWER LAYOUTS.
G.	CONTRACTOR SHALL CAULK ALL INTERIOR CONCRETE SAW-CUT JOINTS AND ALL EXPANSION JOINTS WITH FLOWABLE URETHANE SEALANT, COLOR TO BE GRAY.

04 ROOF DETAIL - EAVE
SCALE: 3" = 1'-0"



04 ROOF DETAIL - EAVE
SCALE: 3" = 1'-0"

KEYNOTES	
21.	ELECTRICAL LIGHT FIXTURE, REFER TO ELECTRICAL PLAN.
22.	3/4" PLYWOOD CABINET WITH HARDWOOD VENEER (WD-1), REFER TO SHEET A-600.
23.	ADA COMPLIANT TOILET AS SCHEDULED, REFER TO PLUMBING DRAWINGS.
24.	ADA COMPLIANT UNDERMOUNT LAVATORY AND QUARTZ COUNTERTOP (QTZ-1) AS SHOWN, WITH SCALD GUARDS. REFER TO PLUMBING DRAWINGS.
25.	ADA COMPLIANT TUB/SHOWER SURROUND, REFER TO PLUMBING DRAWINGS.
26.	LOUVERED RETURN GRILLE, REFER TO MECHANICAL DRAWINGS.
27.	HARD MAPLE TRIM, REFER TO SHEET A-600.
28.	HARD MAPLE BASE, REFER TO SHEET A-600.
29.	HARD MAPLE BOOKCASE TRIM, REFER TO SHEET A-600.
30.	2X4 STUD WALL, REFER TO SHEET A-600.
31.	1/2" T&G PLYWOOD FLOOR DECKING.
32.	EXISTING ROOF TO REMAIN.
33.	2X4 STUD SOFFIT WITH 2" GYPSUM BOARD.
34.	EXISTING LOUVERED GRILLE, REUSE IN NEW LOCATION.

GENERAL NOTES	
A.	REFER TO FINISH, DOOR & WINDOW SCHEDULE, SHEET A-600.
B.	REFER TO REFLECTED CEILING PLAN FOR CEILING HEIGHTS, SHEET A-110.
C.	REFER TO INDEX SHEET FOR WALL TYPES, SHEET A-002.
D.	FIELD VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION, SHEET A-101.
E.	FIELD VERIFY ALL EQUIPMENT LOCATIONS FOR ELECTRICAL OUTLET LOCATIONS, REFER TO ELECTRICAL PLAN.
F.	REFER TO ELECTRICAL DRAWINGS FOR LIGHTING AND POWER LAYOUTS.
G.	CONTRACTOR SHALL CAULK ALL INTERIOR CONCRETE SAW-CUT JOINTS AND ALL EXPANSION JOINTS WITH FLOWABLE URETHANE SEALANT, COLOR TO BE GRAY.

CONSULTANT:

IOWA DEPARTMENT OF
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CABIN INTERIOR ELEVATIONS
SHOWER BUILDINGS & CABIN RENOVATIONS FOR:
PINE LAKE STATE PARK

ELDORA, IA 50627

22620 COUNTY HIGHWAY 556

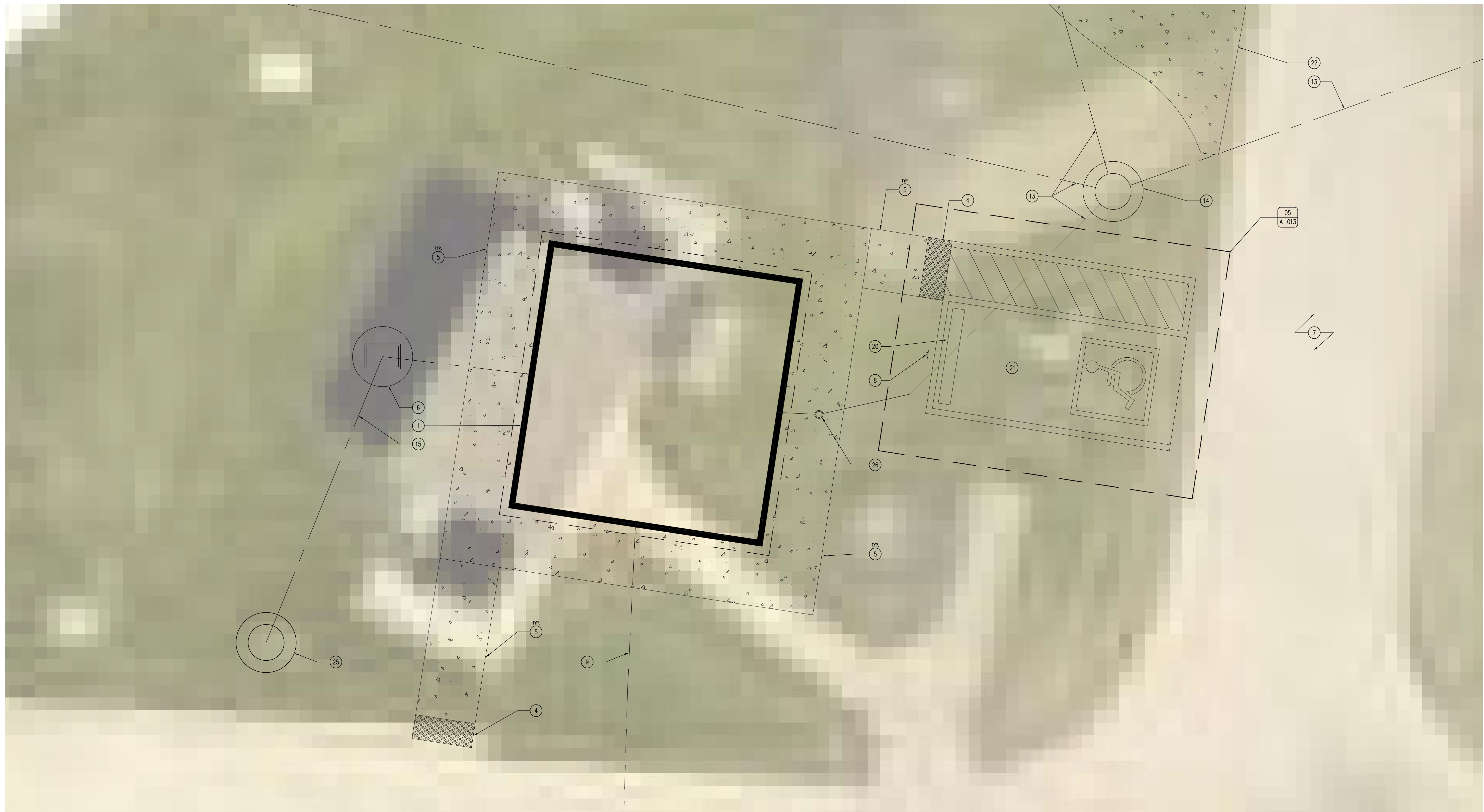
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03.17.2020

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A-300



01 WEST SHOWER BUILDING
SCALE: 1/4" = 1'-0"

KEYNOTES

1. 4-HOLE FAMILY STYLE, IOWA STANDARD PRECAST CONCRETE SHOWER BUILDING (JUNIPER).
2. IOWA STANDARD PRECAST CONCRETE SHOWER BUILDING (NORWAY PINE).
3. 1-HOLE, LEFT HANDED, IOWA STANDARD PRECAST CONCRETE PIT LATRINE BUILDING.
4. 24" NEENAH CAST IRON DETECTION PANELS, ENTIRE WIDTH OF SIDEWALK.
5. 5'-0" CONCRETE SIDEWALK, REFER TO A-013 FOR DETAILS.
6. DRAIN-DOWN PIT, REFER TO 01/A-013 FOR DETAILS.
7. EXISTING ROAD TO REMAIN.
8. ADA PARKING SIGN, REFER TO SHEET A-013 FOR DETAILS.
9. ELECTRICAL LINE, FROM EXISTING DISTRIBUTION PANEL, TO PROPOSED SHOWER BUILDING.
10. CURB RAMP SIDEWALK, REFER SHEET A-013 FOR DETAILS.
11. EXISTING ELECTRICAL DISTRIBUTION PANEL TO REMAIN.
12. EXISTING SIDEWALK TO REMAIN.
13. 4" SCHEDULE 40 PVC SANITARY LINE TO MANHOLE.
14. SANITARY MANHOLE, REFER TO SHEET A-014 FOR MORE INFORMATION.
15. 2" COPPER WATER SERVICE LINE TO SHOWER BUILDING.
16. NOT USED.
17. EXISTING PARKING AREA TO REMAIN.
18. EXISTING DISTRIBUTION PANEL TO REMAIN, RUN NEW ELECTRICAL TO BUILDING.
19. EXISTING ELECTRICAL LINE.
20. PRECAST CONCRETE WHEEL STOPS, REFER TO SHEET A-013 FOR DETAILS.

21. CONCRETE ADA PARKING AREA WITH STRIPING AND SYMBOL PAINT, REFER TO SHEET A-012 FOR DETAILS. DO NOT STRIPE OR SIGN THE PARKING AREA BY CABINS.
22. NEW CONCRETE FULL HOOK-UP CAMPSITE, REFER TO SHEET C-1 FOR MORE INFORMATION.
23. EXISTING SHELTER TO REMAIN, REPLACE CONCRETE SLAB, REFER TO 01/A-012 FOR MORE INFORMATION.
24. EXISTING SANITARY MANHOLE TO REMAIN.
25. EXISTING WATER PIT TO REMAIN.
26. SANITARY CLEANOUT WITH CAST IRON COVER, WITH CAP, CAST INTO SIDEWALK FLUSH.
27. 6" THICK CONCRETE SHELTER SLAB WITH 4" SUBBASE. #4 REBAR 36" O.C. BOTH DIRECTIONS.
28. EXISTING SHELTER COLUMN, 3" EXPANSION AND FLOWABLE POLYURETHANE CAULK CONTINUOUS.
29. PROPOSED SHELTER BUILDING SLAB, SLAB ELEVATION DETERMINED BY DNR INSPECTOR, SLOPE 1% TO DRAIN WATER. REFER TO REFERENCE PLAN SHEET A-500.
30. 6'-0" X 4'-0" X 6" CONCRETE PAD WITH #4 EPOXY COATED REBAR 36" O.C. BOTH DIRECTIONS AND 4" SUBBASE. DOWEL INTO SHELTER PAD WITH 24" LONG, #4 DOWELS 12" O.C.
31. INSTALL ONE NEW PILOT ROCK Q3-2460 RB SURFACE MOUNT GRILL WITH S7 SHELF.
32. EXISTING FIRE-RING TO BE REINSTALLED.
33. 6" DEEP X 6" RING OF PEA GRAVEL AROUND ENTIRE PERIMETER OF FIRE-RING. INSTALL 3" STEEL RETAINER RING AROUND ROCK IN GRASSED AREA. GRAVEL SHOULD BE FLUSH WITH PATIO.
34. 6" THICK CONCRETE PATIO WITH #4 REBAR 24" O.C., BOTH DIRECTIONS, OVER 4" SUBBASE.
35. EXISTING BUILDING TO REMAIN, 3" EXPANSION WITH FLOWABLE POLYURETHANE CAULK CONTINUOUS.
36. STOOP FOOTING, REFER TO SHEET A-013 FOR MORE INFORMATION.

GENERAL NOTES

- A. ALL ELECTRICAL SHALL BE NEC CODE COMPLIANT AND ALL CODES AND ORDINANCES SHALL BE FOLLOWED WHICH ARE REQUIRED BY LAW. ALL OUTLETS TO BE MOUNTED AT 42" A.F.F.
- B. ALL SANITARY AND WATER LINE WORK SHALL COMPLY WITH ALL APPLICABLE CODES AS NECESSARY BY LAW PER STATE AND LOCAL JURISDICTION.
- C. REMOVE ALL TREES WHICH CONFLICT WITH THE INSTALLATION OF THE NEW SHOWER/RESTROOM BUILDING, PROTECT ALL TREES IN PLACE WHICH MAY REMAIN.
- D. FIELD VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.
- E. PRECAST CONCRETE MODULAR BUILDING BY HUFFCUTT OR PRE-APPROVED EQUAL. ALL PRE-CAST SHOWERS AND RESTROOM FACILITIES SHALL RECEIVE A FULL PERIMETER FOOTING AND BETWEEN ALL MODULES, REFER TO SHEET A-013.
- F. GRADE EXISTING SITE -6" BELOW CURRENT BUILDING ELEVATION FOR PROPER INSTALL OF PRECAST BUILDING. COORDINATE WITH DNR INSPECTOR AND PRECAST SHOWER BUILDING MANUFACTURER PRIOR TO PROJECT COMMENCEMENT.
- G. CONTRACTOR TO RESTORE ALL DISTURBED AREAS OF CONSTRUCTION. FILL, COMPACT, AND SEED.

ENLARGED SITE PLAN (WEST)

SHOWER BUILDINGS & CABIN RENOVATIONS FOR:
PINE LAKE STATE PARK

NO.	BY	DATE	REVISION

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A-401

CONSULTANT:

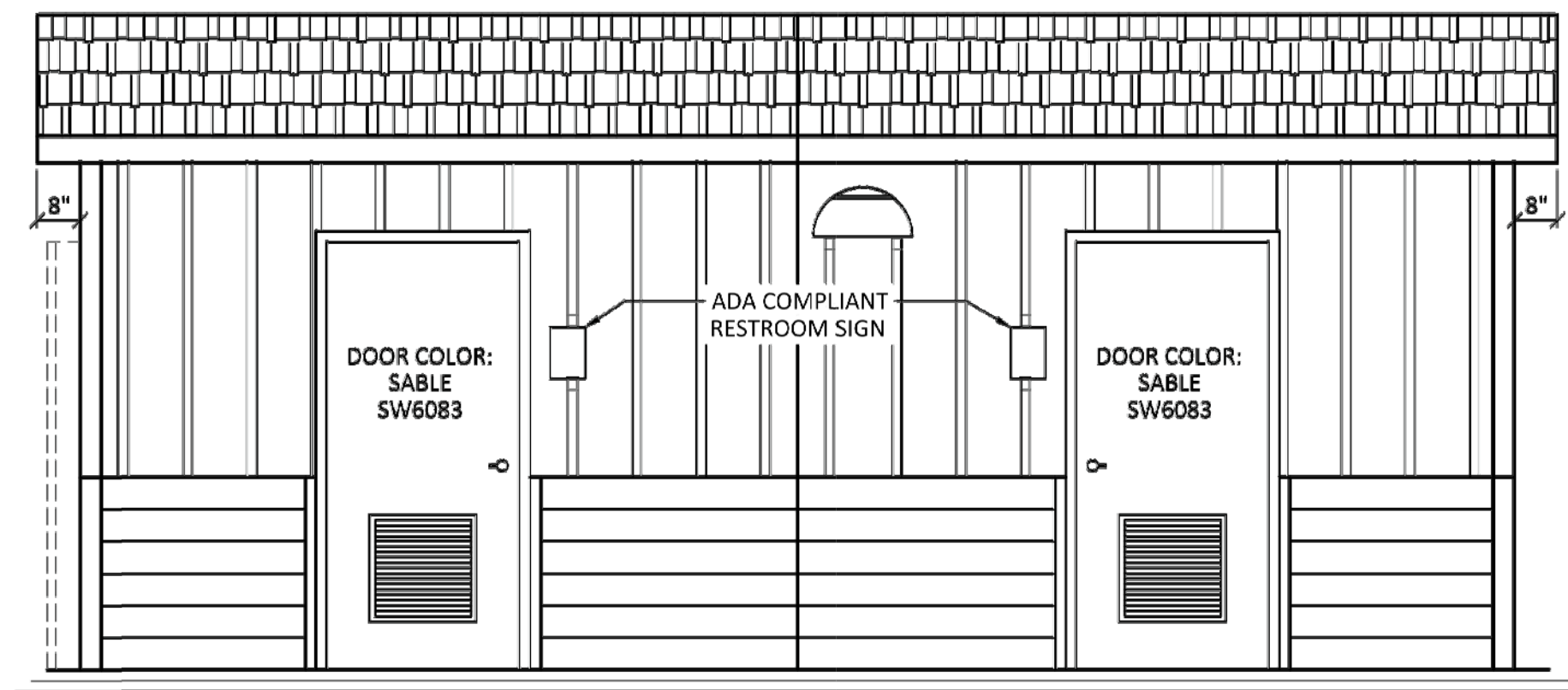
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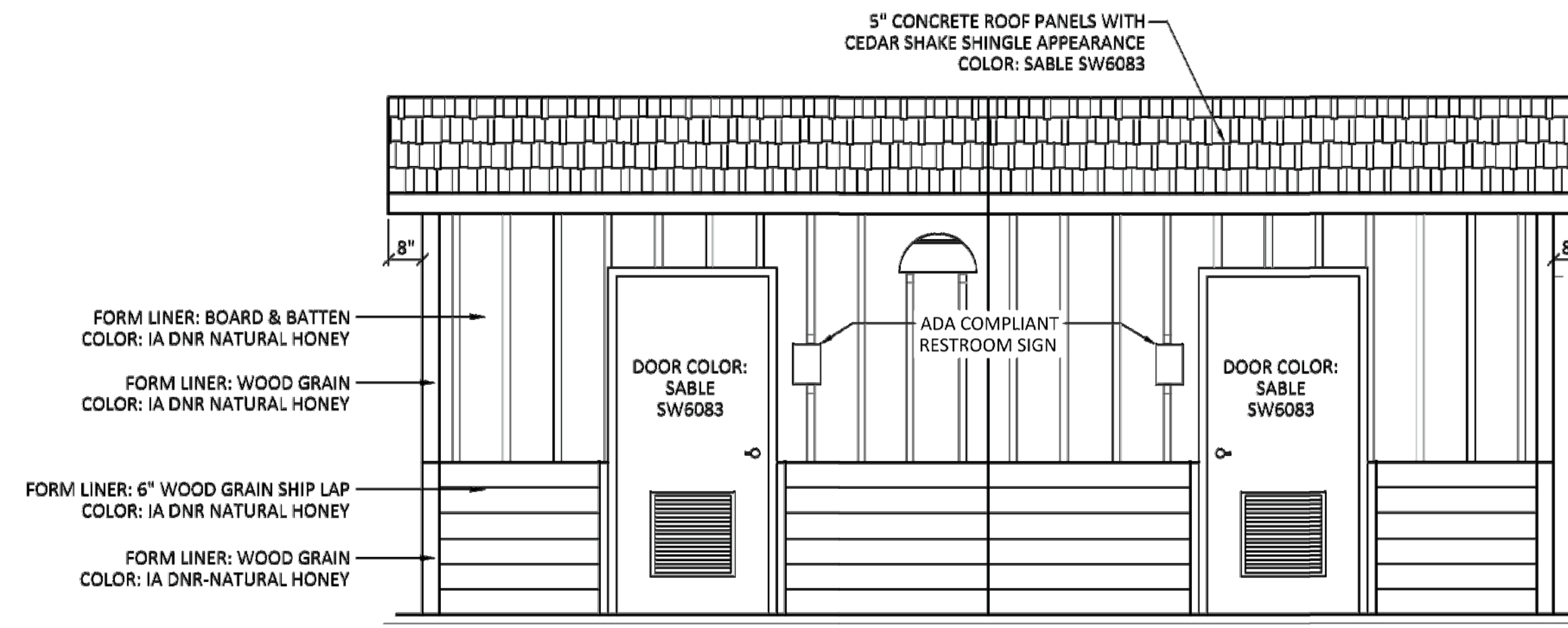


ELDORA, IA 50627

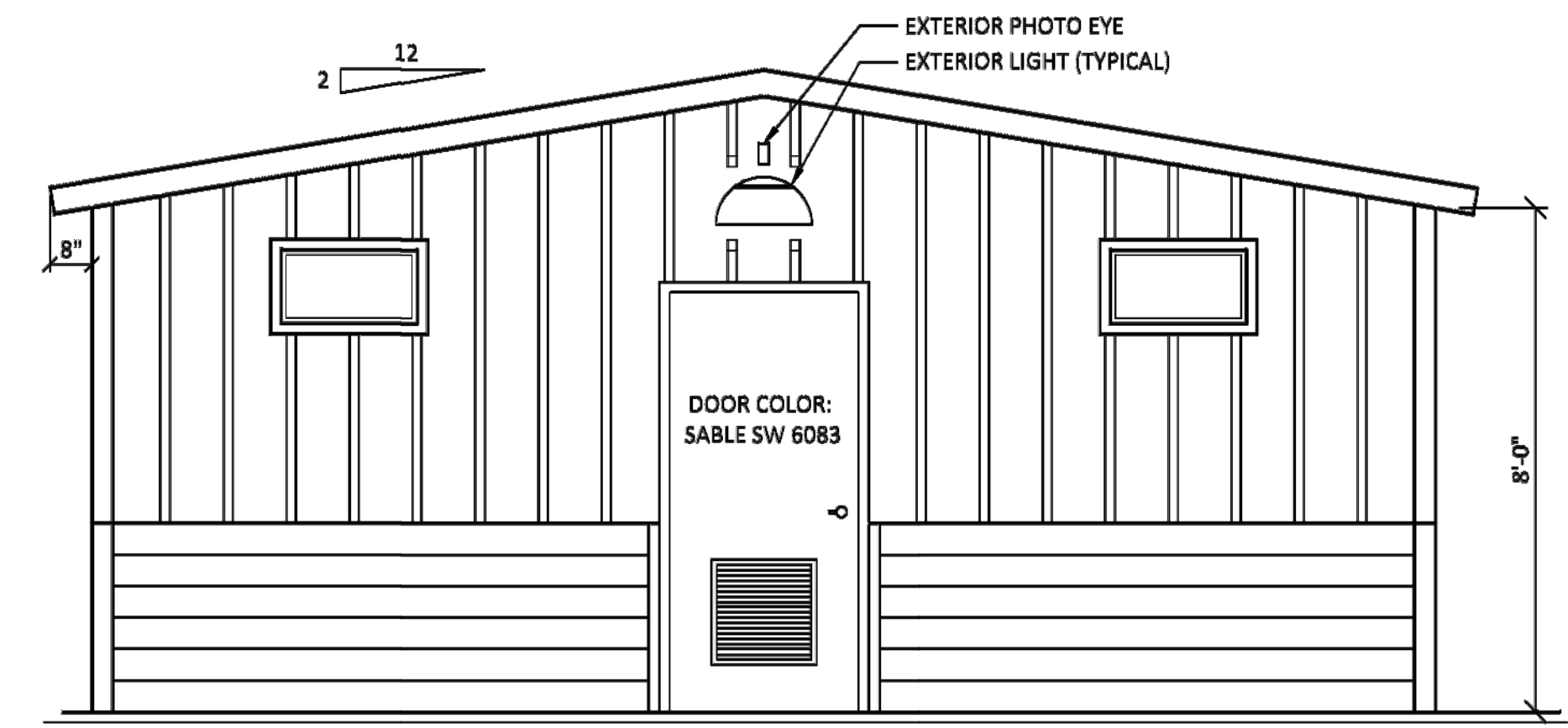
22620 COUNTY HIGHWAY 556



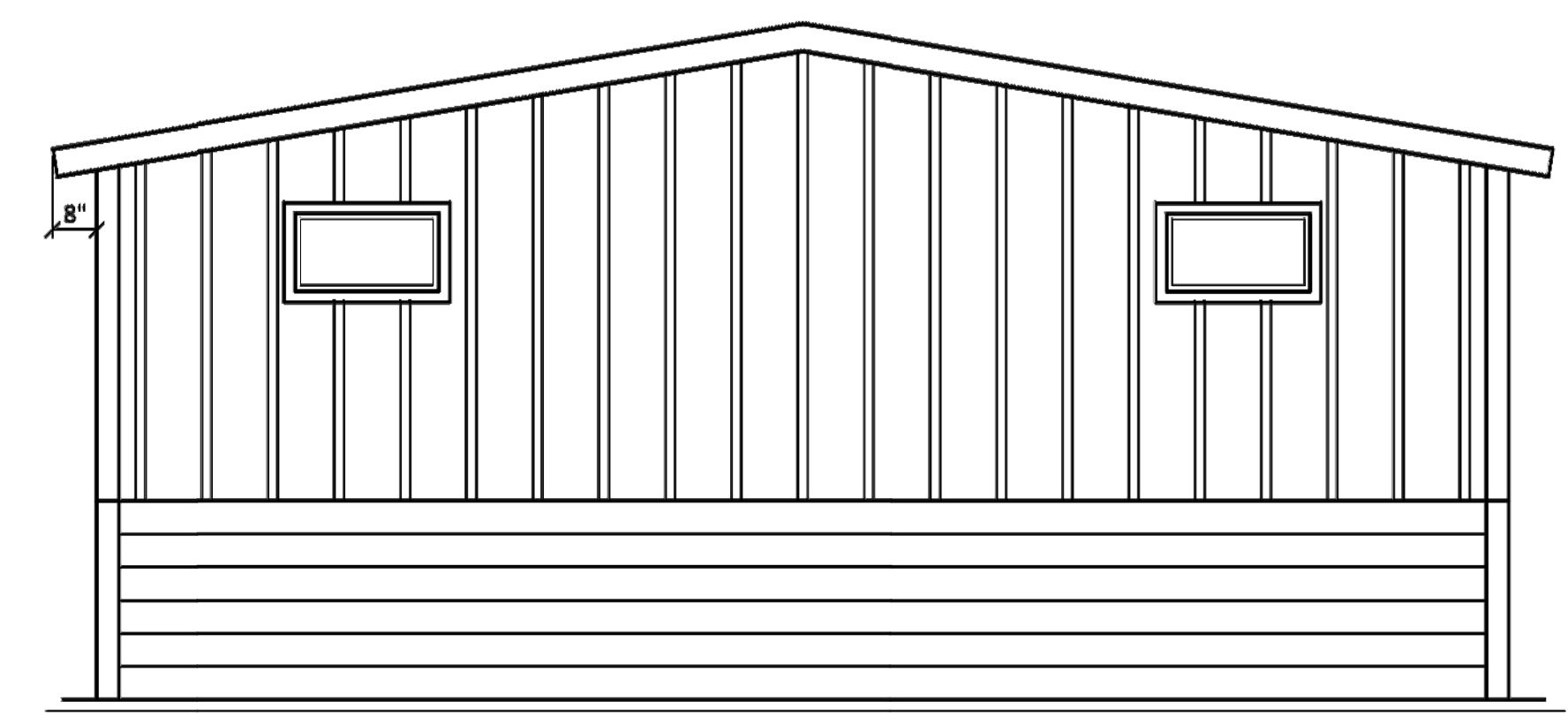
NORTH ELEVATION



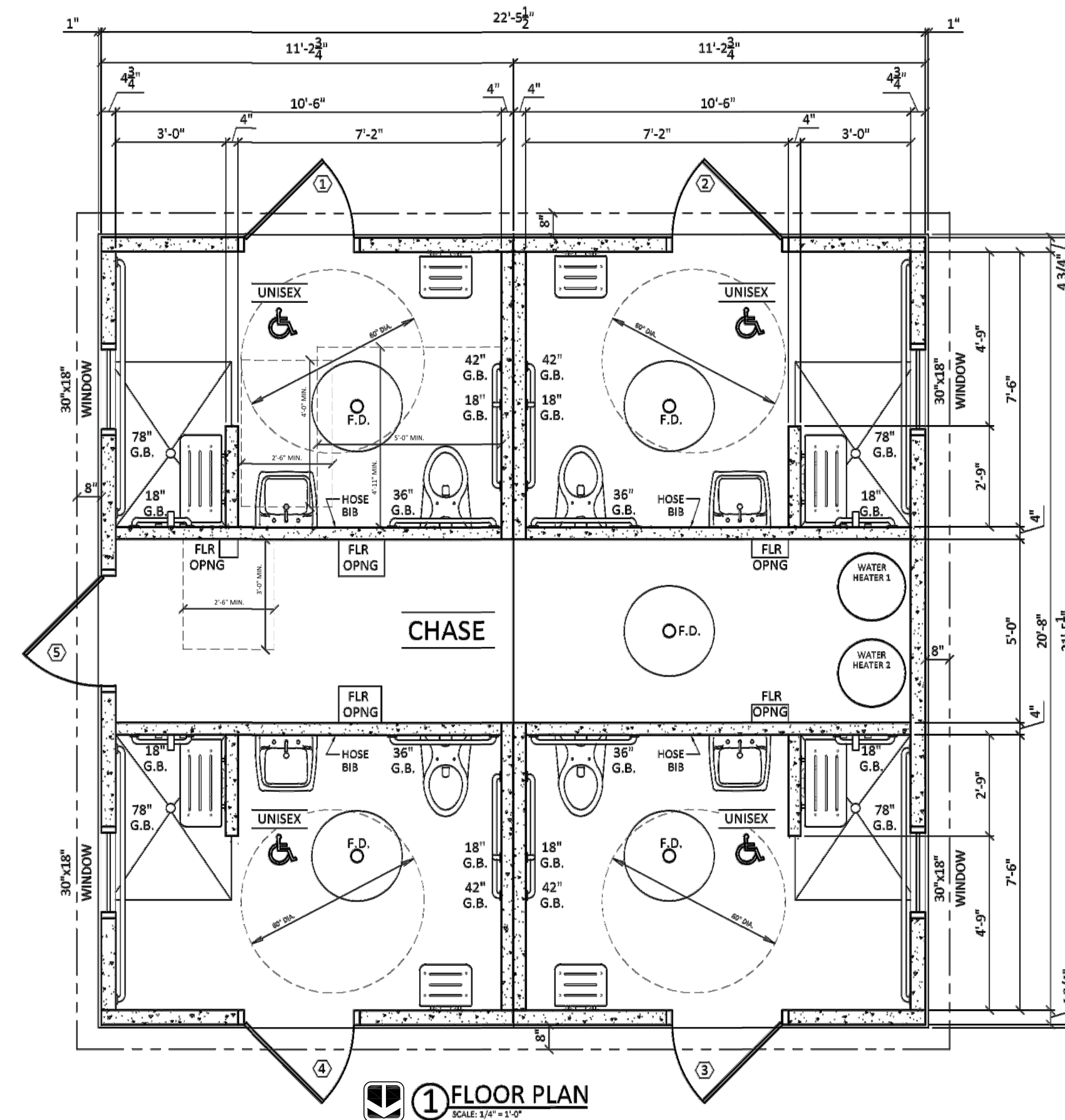
SOUTH ELEVATION



EAST ELEVATION



WEST ELEVATION



1 FLOOR PLAN
SCALE: 1/4\"/>

GENERAL NOTES

- A. ALL ELECTRICAL SHALL BE NEC CODE COMPLIANT AND ALL CODES AND ORDINANCES SHALL BE FOLLOWED WHICH ARE REQUIRED BY LAW. ALL OUTLETS TO BE MOUNTED AT 42\"/>
- B. FIELD VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.
- C. PRECAST CONCRETE MODULAR BUILDING BY HUFFCUTT OR PRE-APPROVED EQUAL.
- D. ALL SANITARY AND WATER LINE WORK SHALL COMPLY WITH ALL APPLICABLE CODES AS NECESSARY BY LAW PER STATE AND LOCAL JURISDICTION.
- E. REMOVE ALL TREES WHICH CONFLICT WITH THE INSTALLATION OF THE NEW SHOWER/RESTROOM BUILDING, PROTECT ALL TREES IN PLACE WHICH MAY REMAIN.
- F. GRADE EXISTING SITE -6\"/>
- G. CONTRACTOR TO RESTORE ALL DISTURBED AREAS OF CONSTRUCTION.
- H. PRE-CAST SHOWERS TO RECEIVE A FULL PERIMETER FROST FOOTING AROUND ENTIRE BUILDING AND BETWEEN ALL MODULES, PER MANUFACTURER'S RECOMMENDATIONS. REFER TO SHEET A-013 FOR MORE INFORMATION.

01 PRECAST SHOWER BUILDING - IOWA STANDARD F011 SHOWER BUILDING
SCALE: NTS

CONSULTANT:

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PRECAST FAMILY SHOWER BUILDING

SHOWER BUILDINGS & CABIN RENOVATIONS FOR:
PINE LAKE STATE PARK

ELDORA, IA 50627

22620 COUNTY HIGHWAY 556

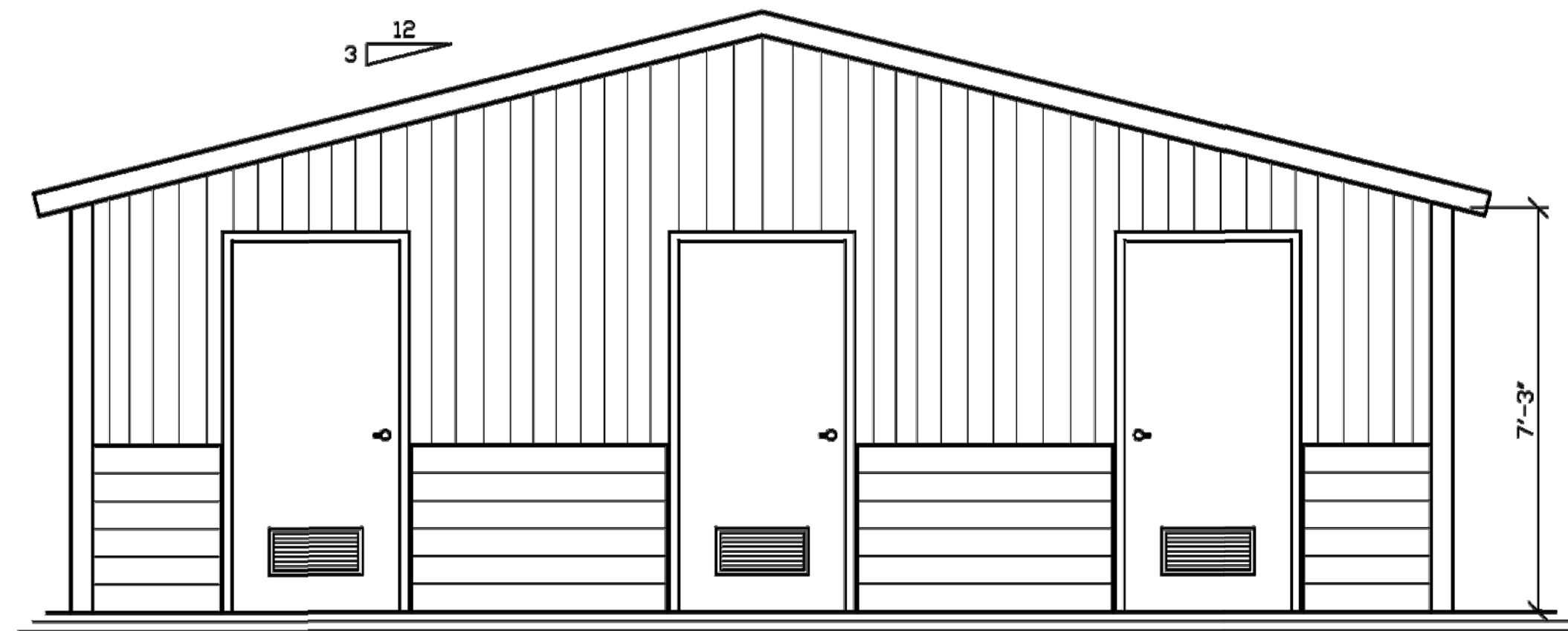
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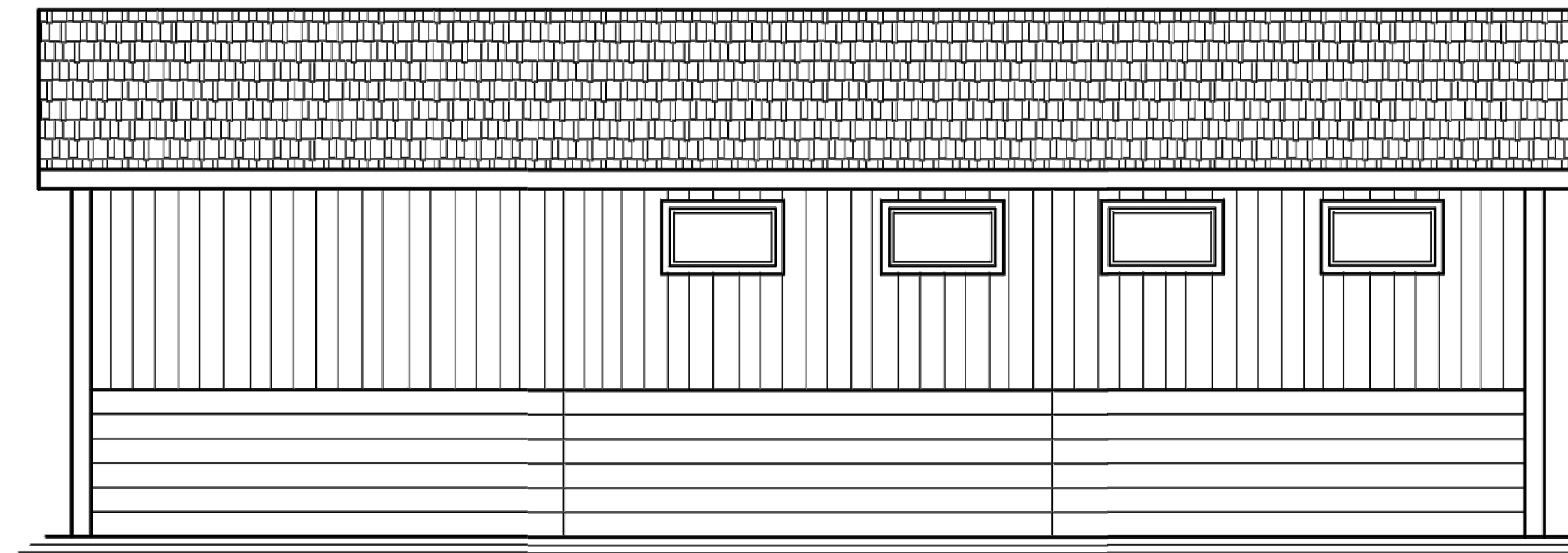
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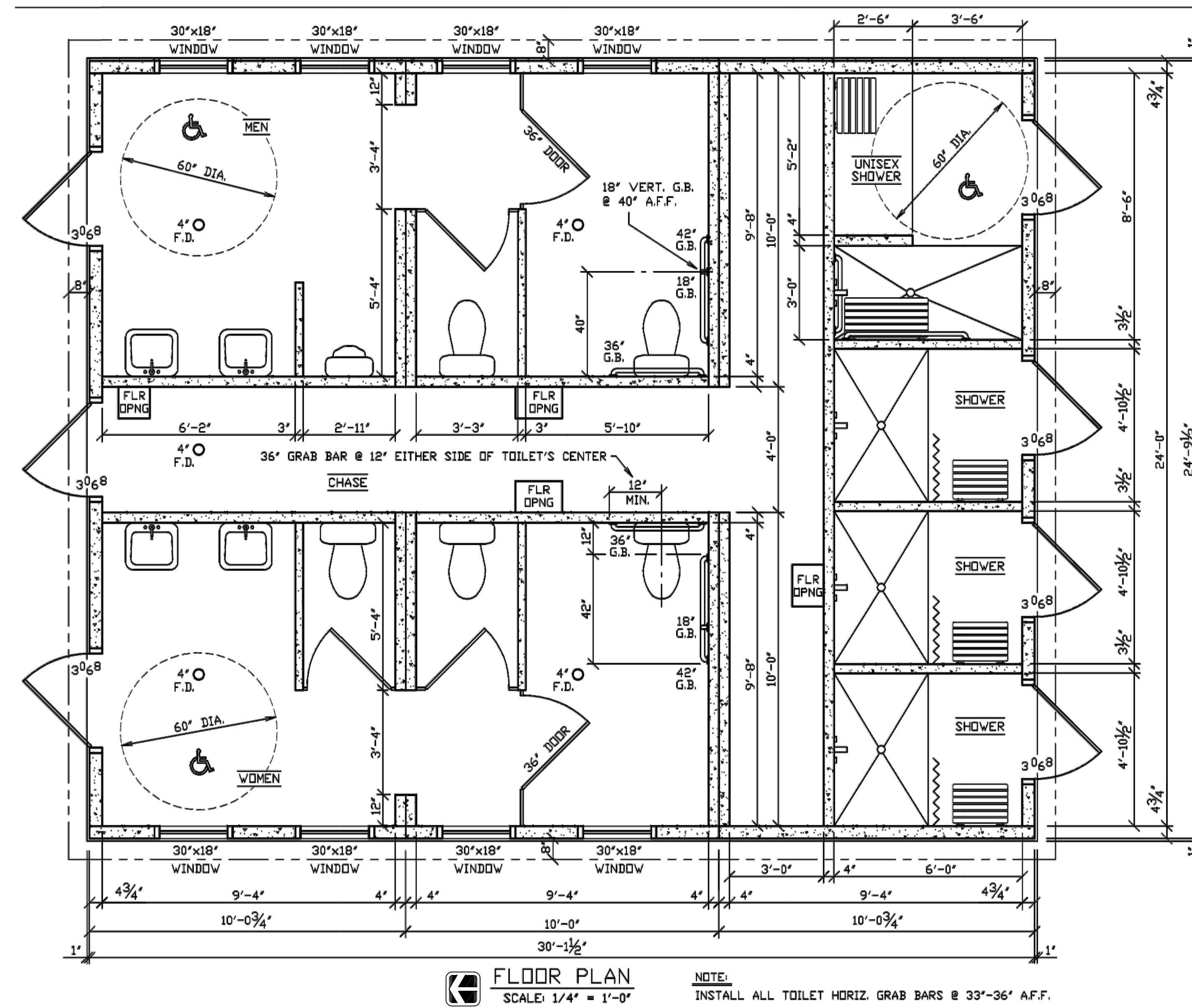
NORTH ELEVATION



WEST ELEVATION



SOUTH ELEVATION



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

NOTE:
INSTALL ALL TOILET HORIZ. GRAB BARS @ 33"-36" A.F.F.

GENERAL NOTES

- A. ALL ELECTRICAL SHALL BE NEC CODE COMPLIANT AND ALL CODES AND ORDINANCES SHALL BE FOLLOWED WHICH ARE REQUIRED BY LAW. ALL OUTLETS TO BE MOUNTED AT 42" A.F.F.
- B. FIELD VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.
- C. PRECAST CONCRETE MODULAR BUILDING BY HUFFCUTT OR PRE-APPROVED EQUAL.
- D. ALL SANITARY AND WATER LINE WORK SHALL COMPLY WITH ALL APPLICABLE CODES AS NECESSARY BY LAW PER STATE AND LOCAL JURISDICTION.
- E. REMOVE ALL TREES WHICH CONFLICT WITH THE INSTALLATION OF THE NEW SHOWER/RESTROOM BUILDING, PROTECT ALL TREES IN PLACE WHICH MAY REMAIN.
- F. GRADE EXISTING SITE -6" BELOW CURRENT BUILDING ELEVATION FOR PROPER INSTALL OF PRECAST BUILDING. COORDINATE WITH DNR INSPECTOR AND PRECAST SHOWER BUILDING MANUFACTURER PRIOR TO PROJECT COMMENCEMENT.
- G. CONTRACTOR TO RESTORE ALL DISTURBED AREAS OF CONSTRUCTION.
- H. PRE-CAST SHOWERS TO RECEIVE A FULL PERIMETER FROST FOOTING AROUND ENTIRE BUILDING AND BETWEEN ALL MODULES, PER MANUFACTURER'S RECOMMENDATIONS. REFER TO SHEET A-013 FOR MORE INFORMATION.

01 PRECAST SHOWER BUILDING - IOWA STANDARD SHOWER BUILDING
SCALE: NTS

CONSULTANT:

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PRECAST SHOWER BUILDING
SHOWER BUILDINGS & CABIN RENOVATIONS FOR:
PINE LAKE STATE PARK

ELDORA, IA 50627

2620 COUNTY HIGHWAY 556

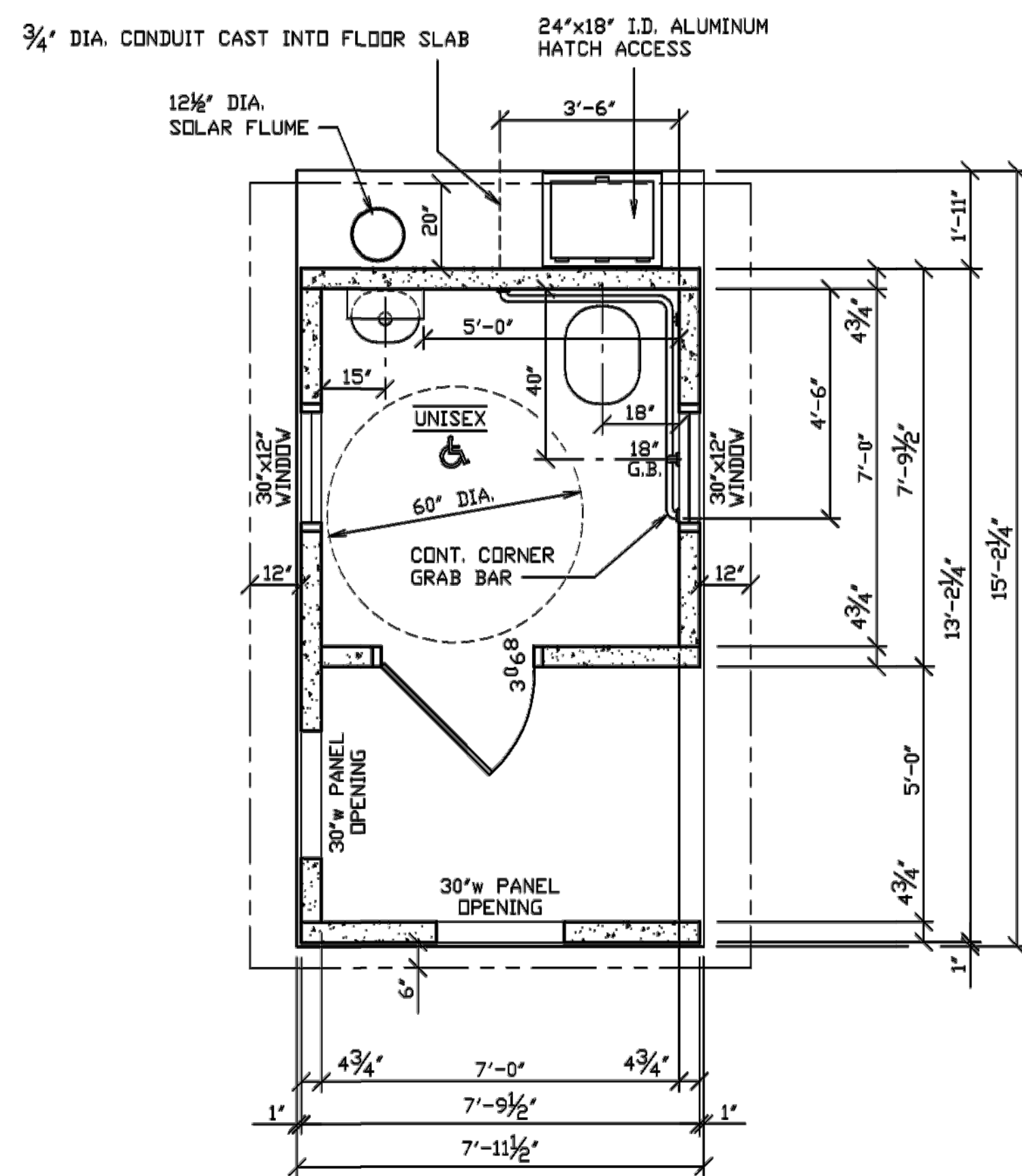
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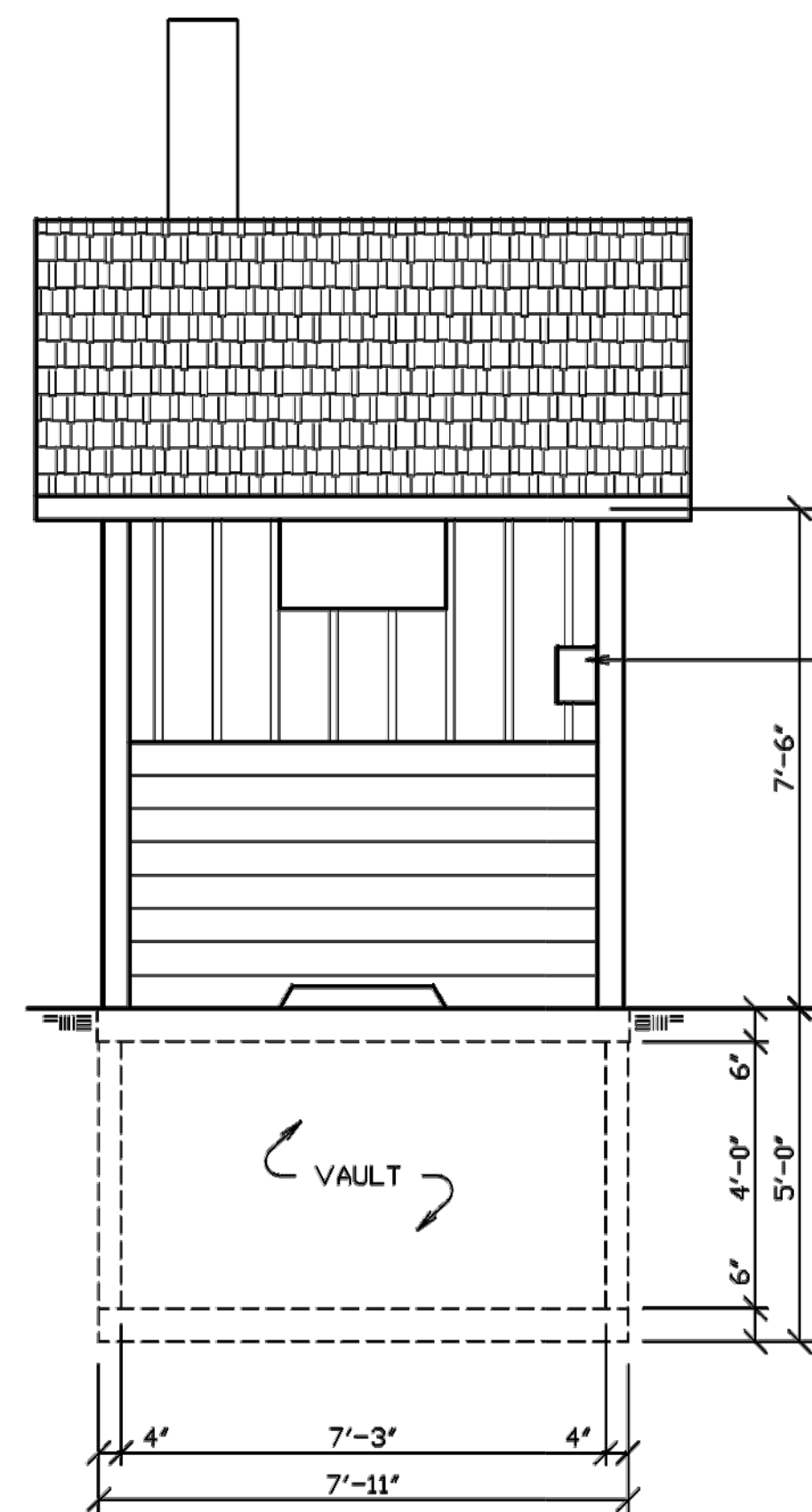
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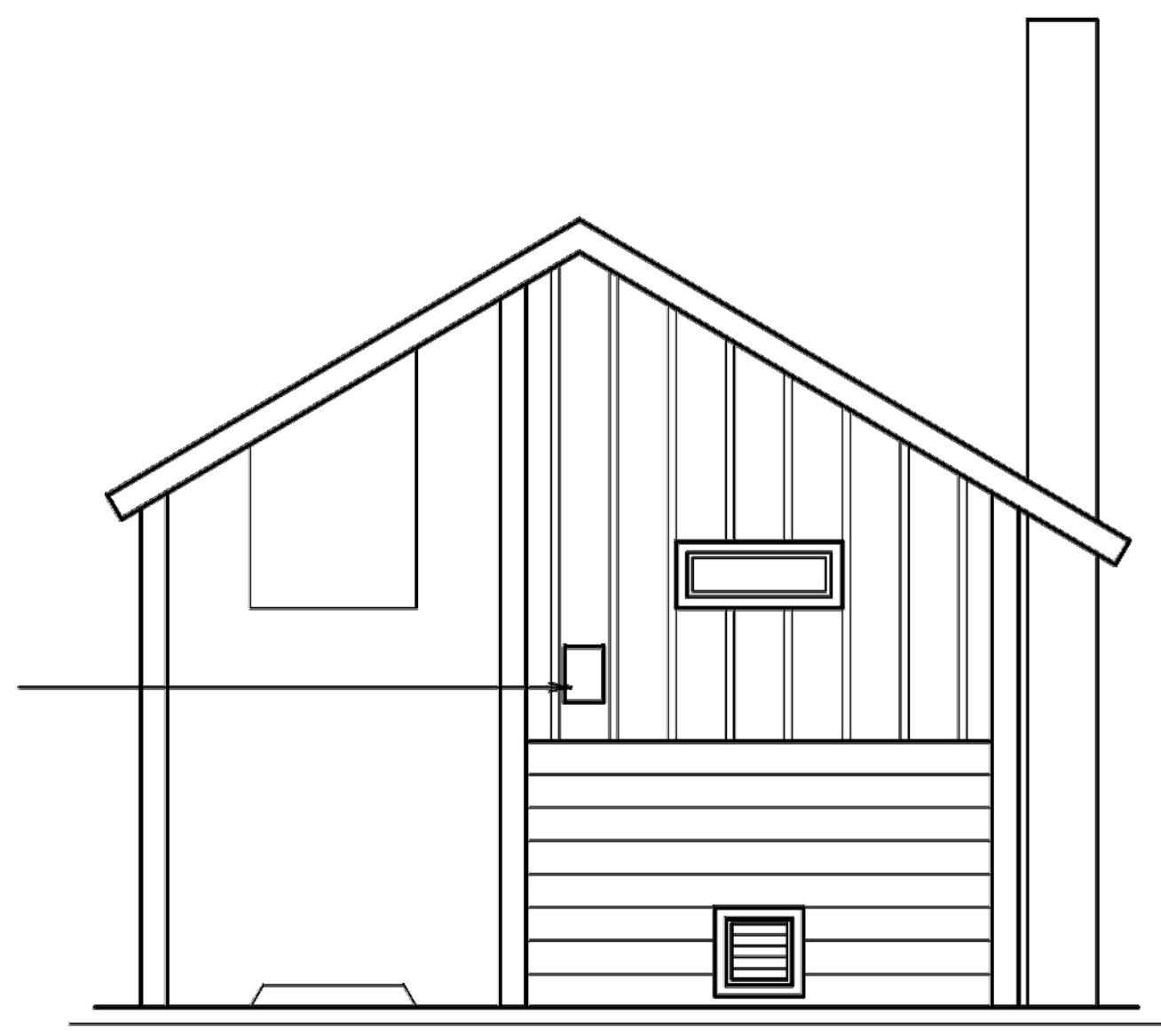


FLOOR PLAN
SCALE: 1/4" = 1'-0"

- NOTES:**
- INSTALL CONT. CORNER GRAB BARS @ 33"-36" A.F.F.
 - INSTALL 18" VERT. G.B. @ 40" A.F.F. (FROM BOTTOM OF GRAB BAR)



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



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

GENERAL NOTES

- ALL ELECTRICAL SHALL BE NEC CODE COMPLIANT AND ALL CODES AND ORDINANCES SHALL BE FOLLOWED WHICH ARE REQUIRED BY LAW. ALL OUTLETS TO BE MOUNTED AT 42" A.F.F.
- FIELD VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.
- PRECAST CONCRETE MODULAR BUILDING BY HUFFCUTT OR PRE-APPROVED EQUAL.
- ALL SANITARY AND WATER LINE WORK SHALL COMPLY WITH ALL APPLICABLE CODES AS NECESSARY BY LAW PER STATE AND LOCAL JURISDICTION.
- REMOVE ALL TREES WHICH CONFLICT WITH THE INSTALLATION OF THE NEW SHOWER/RESTROOM BUILDING, PROTECT ALL TREES IN PLACE WHICH MAY REMAIN.
- GRADE EXISTING SITE -6" BELOW CURRENT BUILDING ELEVATION FOR PROPER INSTALL OF PRECAST BUILDING. COORDINATE WITH DNR INSPECTOR AND PRECAST SHOWER BUILDING MANUFACTURER PRIOR TO PROJECT COMMENCEMENT.
- CONTRACTOR TO RESTORE ALL DISTURBED AREAS OF CONSTRUCTION.

01 PRECAST PIT LATRINE BUILDING - IOWA STANDARD LEFT HANDED PIT LATRINE
SCALE: NTS

CONSULTANT:

**IOWA DEPARTMENT OF
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PRECAST PIT LATRINE BUILDING

SHOWER BUILDINGS & CABIN RENOVATIONS FOR:
PINE LAKE STATE PARK

ELDORA, IA 50627

22620 COUNTY HIGHWAY 356

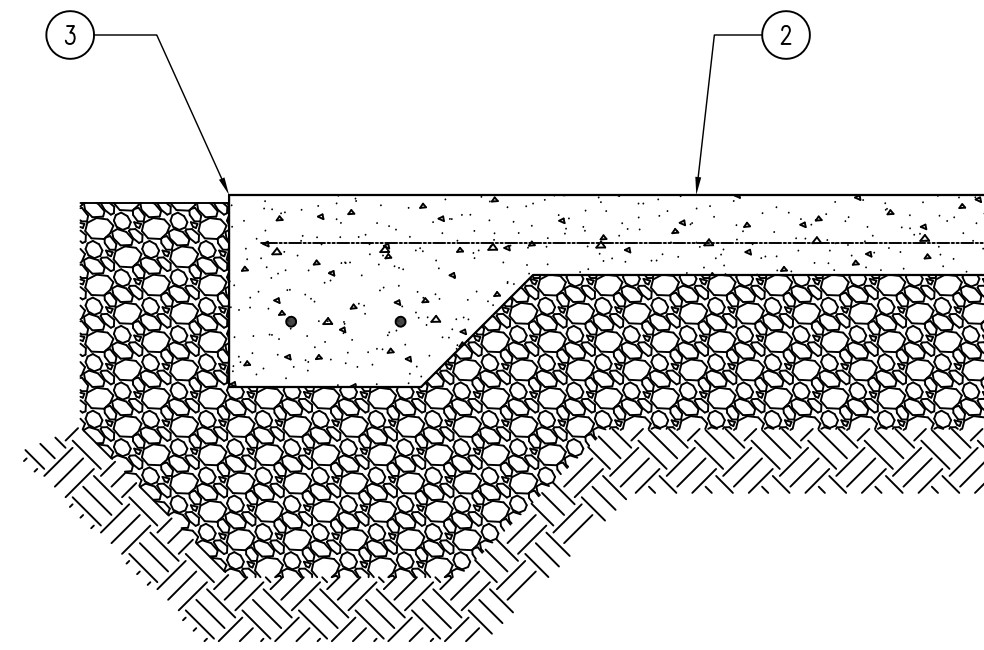
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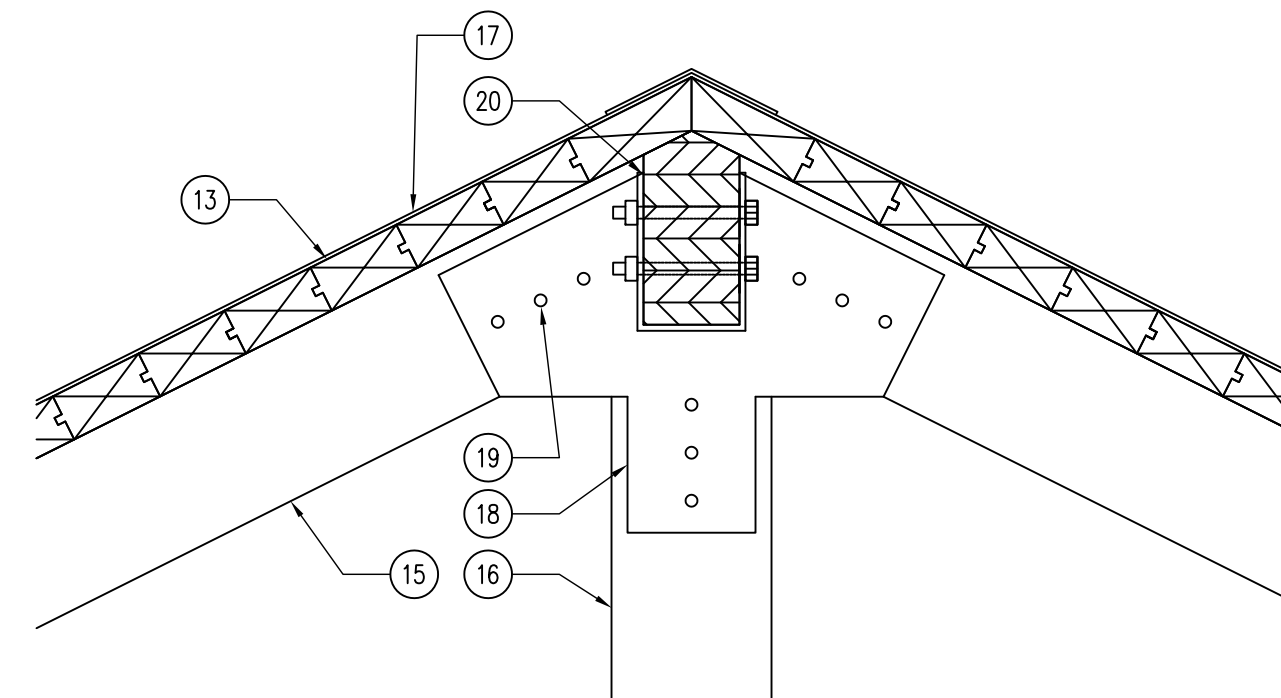
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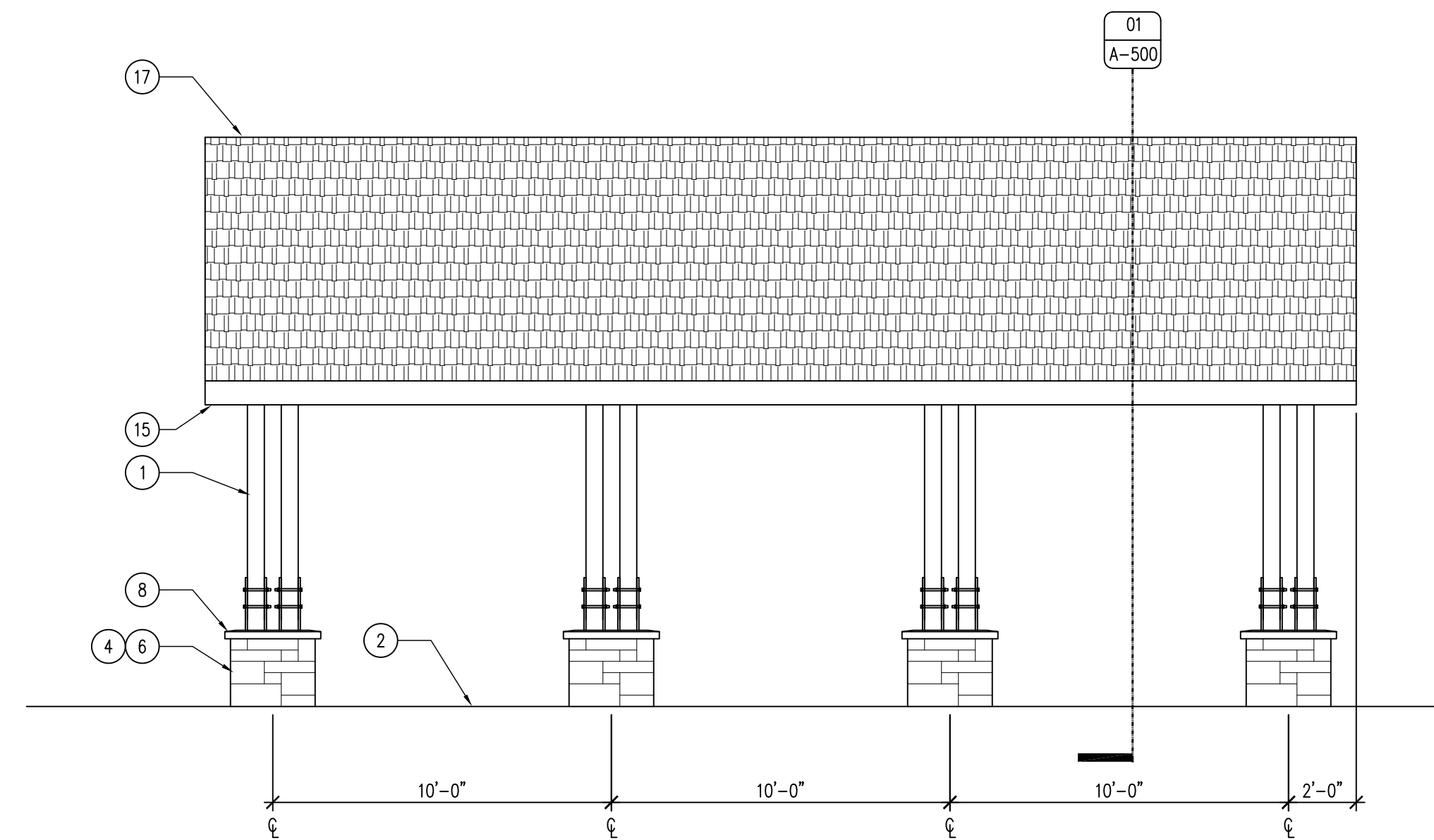
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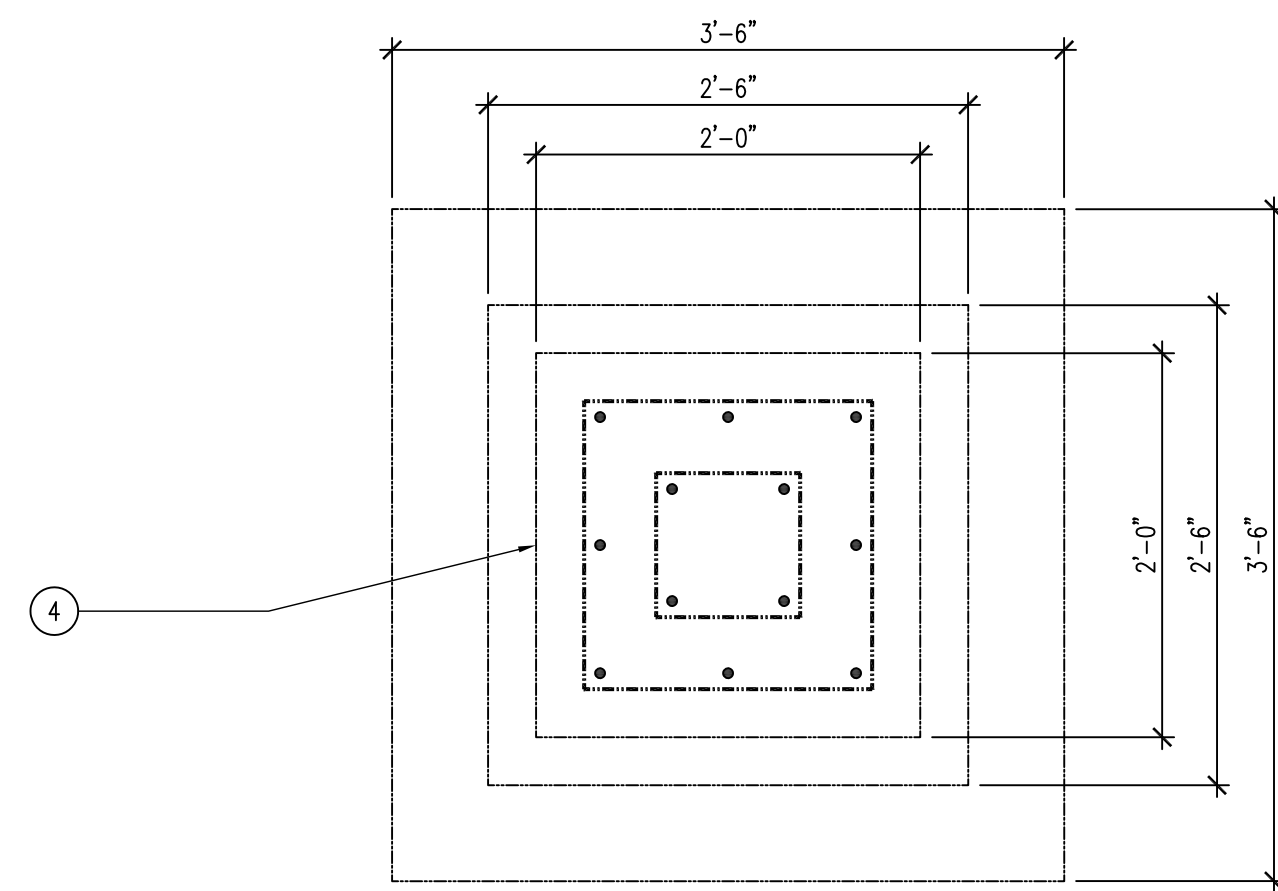
08 DETAIL - SLAB EDGE
SCALE: 1" = 1'-0"



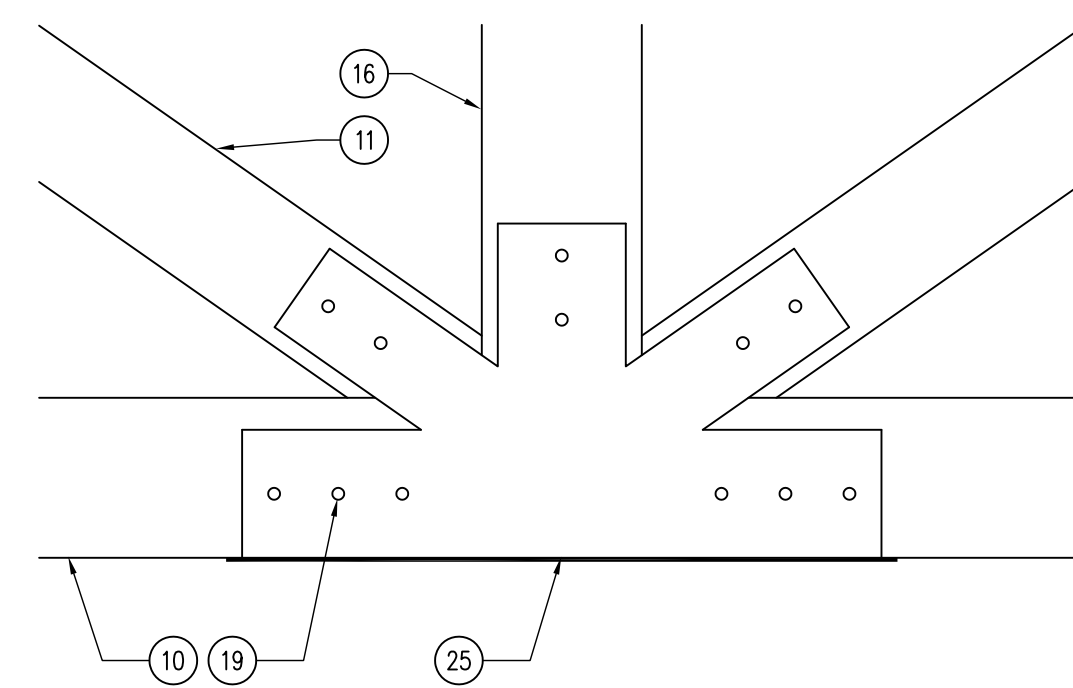
05 DETAIL - RIDGE
SCALE: 1" = 1'-0"



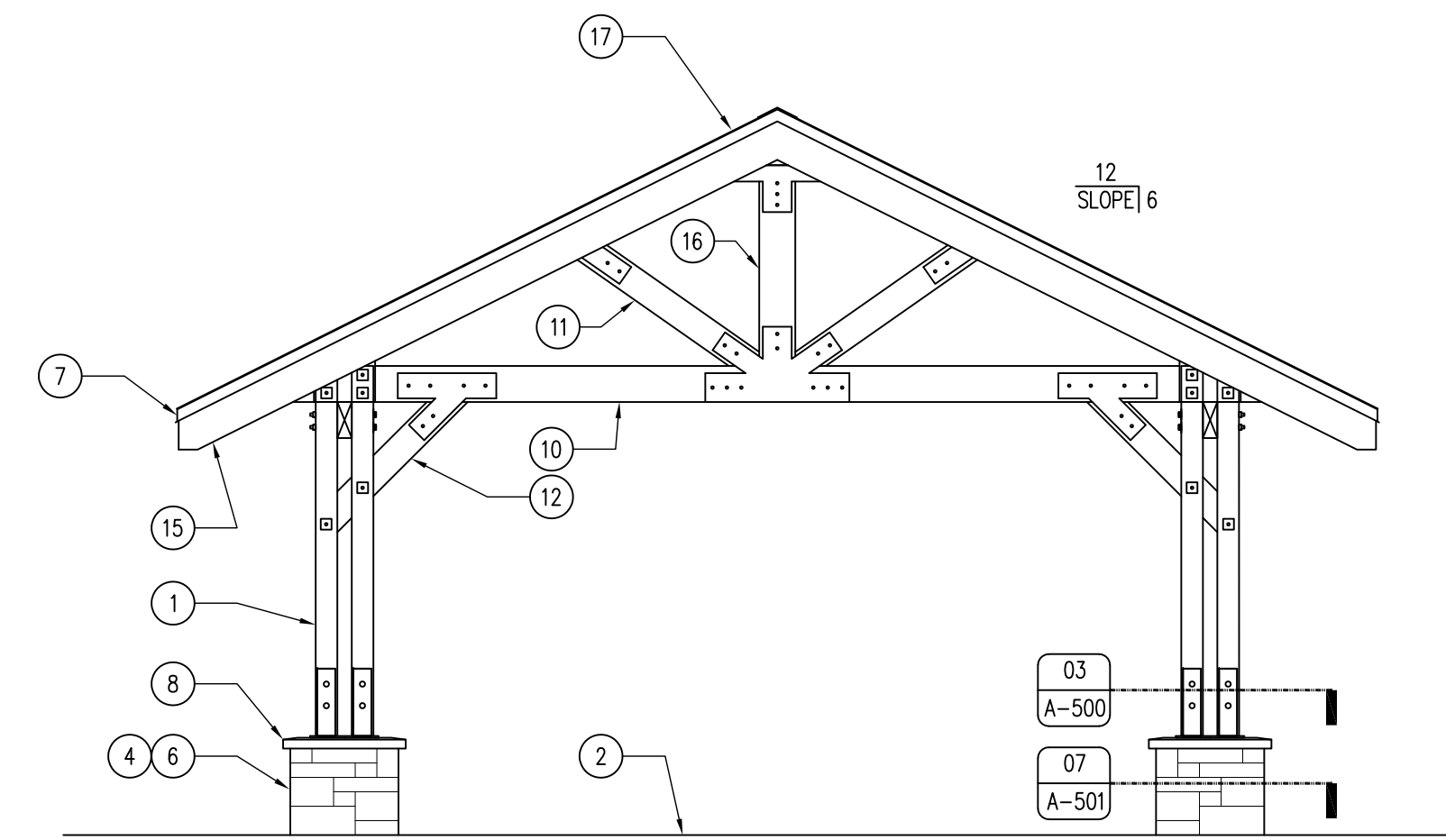
02 BUILDING ELEVATION - EAVE SIDE
SCALE: 1/4" = 1'-0"



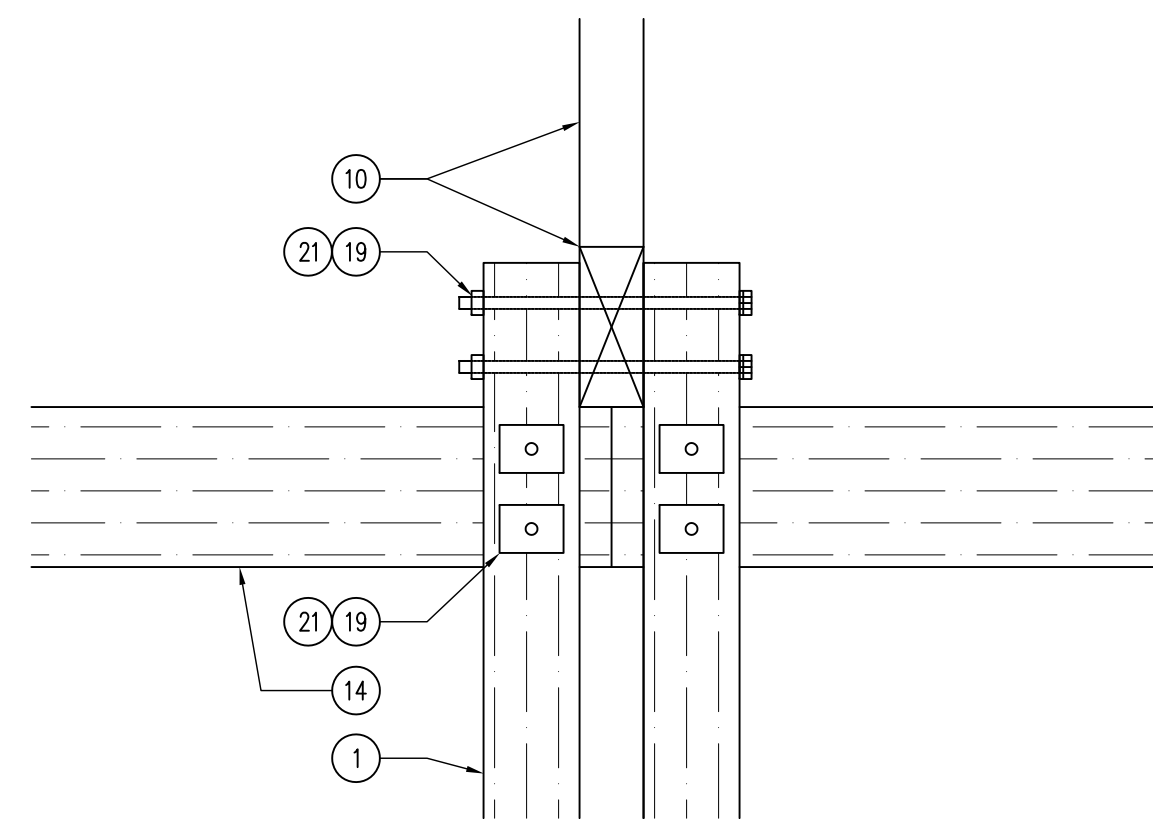
07 DETAIL - COLUMN BASE
SCALE: 1" = 1'-0"



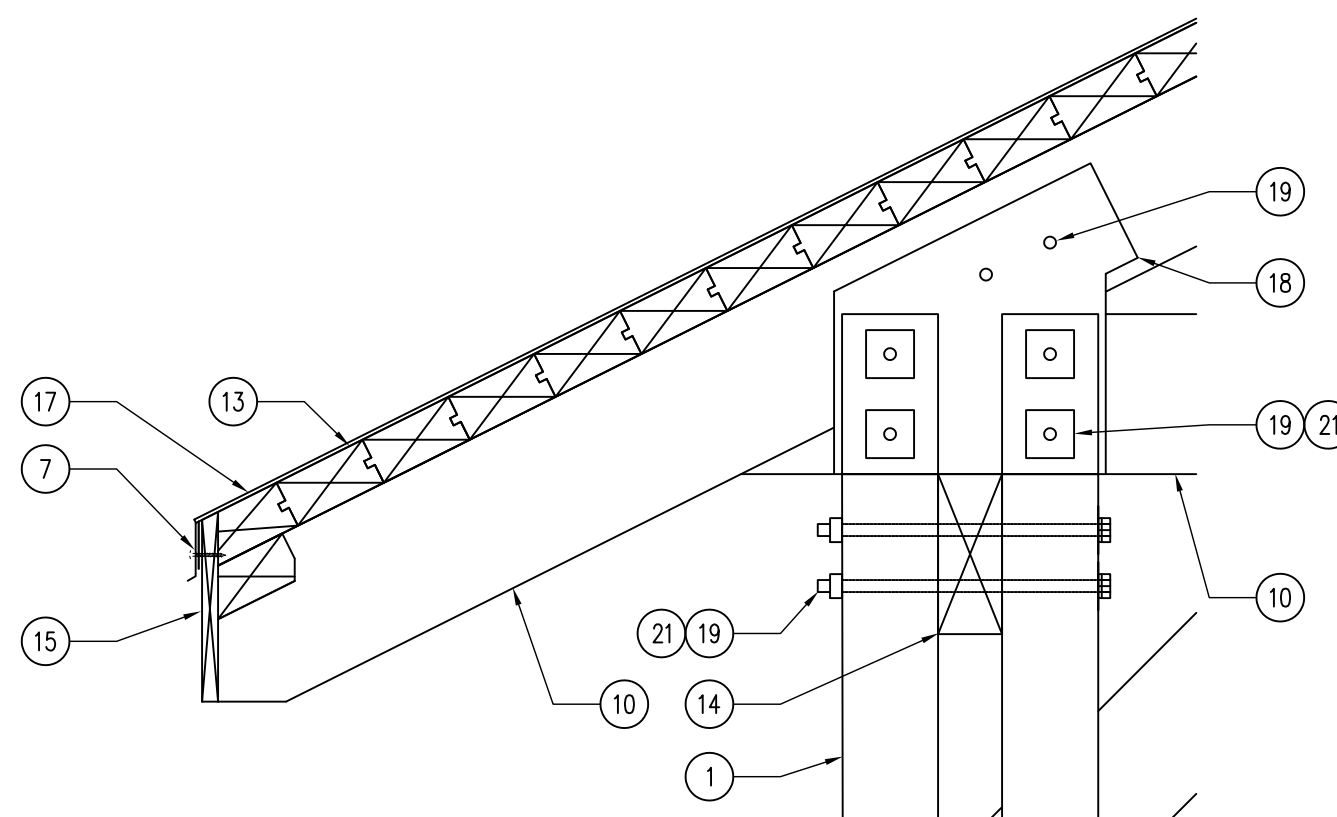
04 DETAIL - TRUSS CONNECTOR
SCALE: 1" = 1'-0"



01 BUILDING ELEVATION - GABLE SIDE
SCALE: 1/4" = 1'-0"



06 DETAIL - BEAM & TRUSS CONNECTIONS
SCALE: 1" = 1'-0"



03 DETAIL - ROOF EAVE
SCALE: 1" = 1'-0"

KEYNOTES

- 6X6 ROUGH SAWN DOUGLAS FIR COLUMNS, FINISH WITH TWP 100 SERIES STAIN, COLOR TBD.
- 6" THICK CONCRETE SLAB WITH EPOXY COATED #4 REBAR 36" O.C. BOTH DIRECTIONS WITH 4" COMPACTED FILL BENEATH. SLOPE CONCRETE (1% SLOPE).
- THICKENED SLAB EDGE WITH TWO (2) EPOXY COATED #4 REBAR RUNNING CONTINUOUSLY THE PERIMETER OF THE SLAB.
- CONCRETE COLUMN BASE FOUNDATION WITH EPOXY COATED #5 REBAR 12" O.C. ALL DIRECTIONS. SLAB TO SLOPE 1%. CONCRETE COLUMN BASE SHALL BE ADJUSTED IN FIELD TO ACCOMMODATE THE DIFFERENCE IN ELEVATION. STONE TO BE FLUSH WITH SLAB.
- CONTINUOUS PERIMETER EXPANSION JOINT WITH SELF-LEVELING SEALANT.
- EDEN STONE, VALDERS FULL-VENEER CHESTNUT WEBSTONE TUMBLED SANDSTONE. ASTM C270 MORTAR TO BE USED. 3/8" MORTAR JOINT, COLOR TBD.
- CONTINUOUS PERIMETER COPPER DRIP EDGE.
- 4" THICK X 34" X 34" SELECT GRADE, GRAY INDIANA LIMESTONE CAP WITH SLOPED TOP AS SHOWN.
- CONCRETE SAW-CUT CONTROL JOINTS.
- 4X10 ROUGH SAWN DOUGLAS FIR TRUSS CHORD, STAIN TO BE TWP 100 SERIES, COLOR TBD.
- 4X8 ROUGH SAWN DOUGLAS FIR TRUSS WEB, STAIN TO BE TWP 100 SERIES, COLOR TBD.
- 4X8 ROUGH SAWN DOUGLAS FIR KNEE BRACE, BOTTOM OF BRACE TO BE MINIMUM 8'-0" A.F.F., STAIN TO MATCH COLUMNS AND TRUSSES.
- 3X6 TONGUE AND GROOVE DOUGLAS FIR ROOF DECKING, TWO COATS OF CLEAR GLOSS EXTERIOR GRADE (UV RESISTANT) POLYURETHANE.
- 4X10 ROUGH SAWN DOUGLAS FIR BEAM, MAKE SPLICE CONNECTIONS WITHIN COLUMN POSTS.
- 1X10 WESTERN RED CEDAR FASCIA, STAIN TO MATCH COLUMNS AND TRUSSES.
- 4X10 ROUGH SAWN DOUGLAS FIR CENTER WEB, STAIN TO BE TWP 100 SERIES, COLOR TBD.
- CERTAINTEED LANDMARK TL SHINGLES (WEATHERED WOOD), OVER 30LB FELT.
- 3/8" STEEL CONNECTOR PLATE BRACKET BOTH SIDES, POWDER-COAT PLATES BLACK PRIOR TO INSTALLATION.
- 3/4" DIAMETER HOT DIP GALVANIZED BOLTS WITH NUTS AND LOCK WASHERS.
- 5 1/2" X 12" LAMINATED RIDGE BEAM, STAIN TO MATCH COLUMNS AND TRUSSES.
- 3" X 3" X 3/8" STEEL WASHERS, POWDER-COAT BLACK PRIOR TO INSTALLATION.
- 3/4" GRADE A36 STEEL COLUMN LEVELING PLATE WITH ANCHORS, EMBED 24" MINIMUM. POWDER-COAT BLACK PRIOR TO INSTALLATION.
- NOT USED.
- NOT USED.
- 3/8" STEEL MAIN TRUSS WEB CONNECTOR BRACKET. BRACKET TO HAVE 3/8" WELDED BOTTOM PLATE AND BRACKETS ON BOTH SIDES TO CREATE ONE SINGLE WEB BRACKET. POWDER-COAT PLATES BLACK PRIOR TO INSTALLATION.

GENERAL NOTES

- FIELD VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.
- ALL STAIN TO BE TWP 100 SERIES STAIN, COAT ALL MEMBERS TWO (2) TIMES, COLOR TBD. STAIN COLUMNS, TRUSSES, BEAMS AND FASCIA BOARDS.
- WOOD ROOF DECKING TO RECEIVE TWO (2) COATS OF CLEAR GLOSS, UV RESISTANT, POLYURETHANE.
- REFER TO SITE PLAN FOR MORE INFORMATION.
- ALL BOLTS, NUTS, WASHERS TO BE HOT DIP GALVANIZED, ALL WASHERS TO BE LOCK-WASHERS.
- SLOPE SLAB TO DRAIN 1% AS SHOWN ON SITE PLAN. CONCRETE BASES SHALL HAVE A CONSISTENT (LEVEL) TOP ELEVATION, WOOD COLUMNS SHALL BE THE SAME LENGTH THROUGHOUT, STONE TO BE LEVEL WITH SLAB ALL SIDES.
- MORTAR COLOR TO BE WHITE BASE, COLOR TBD, SUBMIT SAMPLES.

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ALTERNATE: SHELTER ELEVATIONS

SHOWER BUILDINGS & CABIN RENOVATIONS FOR:
PINE LAKE STATE PARK

ELDORA, IA 50627

22620 COUNTY HIGHWAY 556

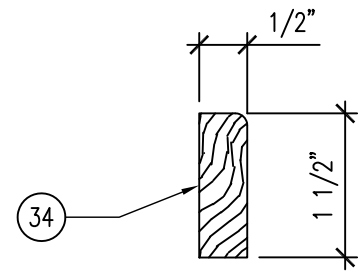
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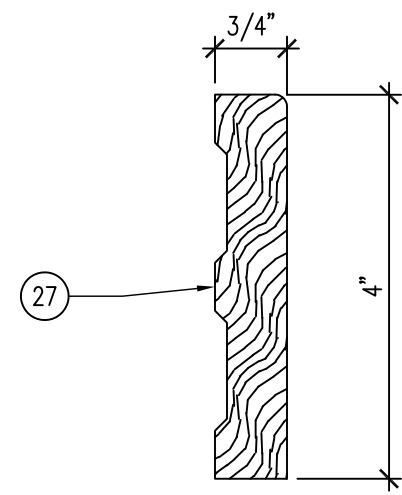
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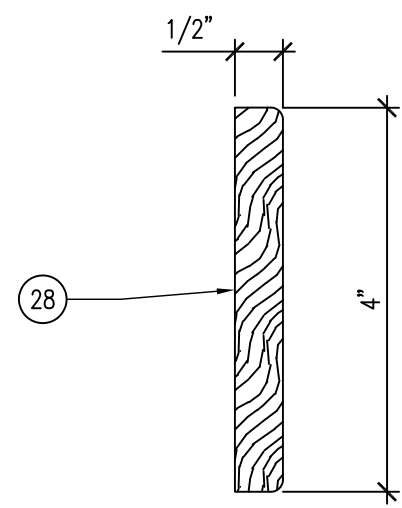
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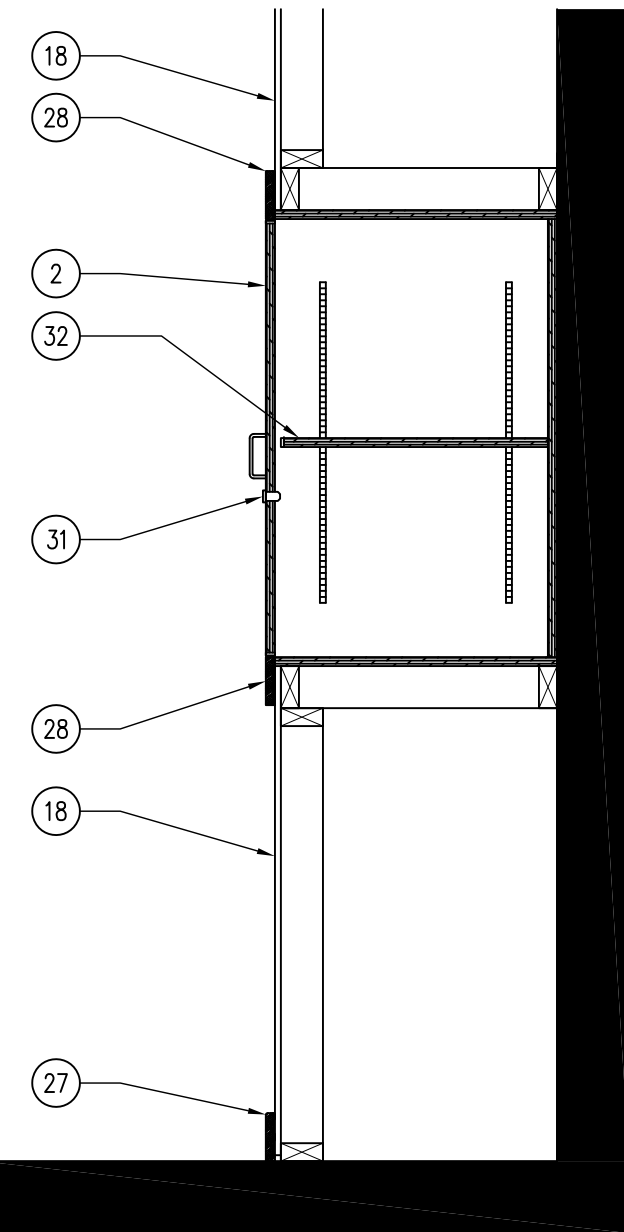
10 MILLWORK - BOOKCASE TRIM
SCALE: 6" = 1'-0"



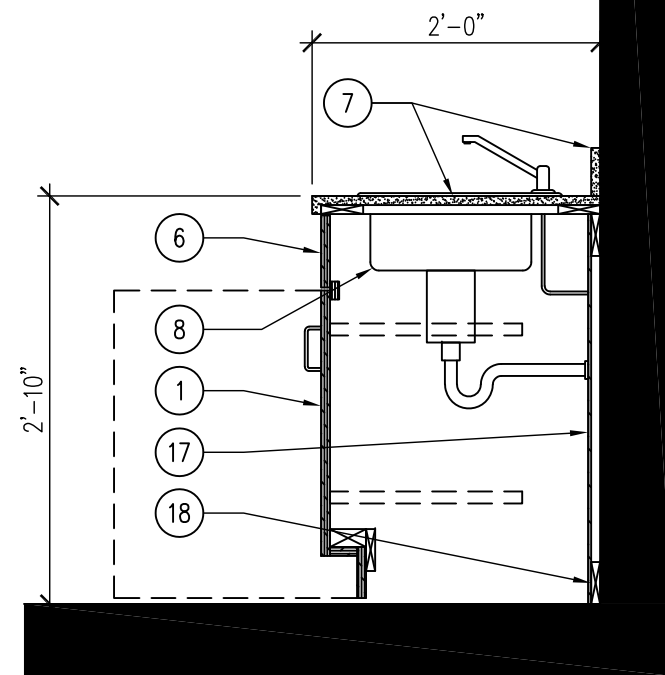
09 MILLWORK - BASE TRIM
SCALE: 6" = 1'-0"



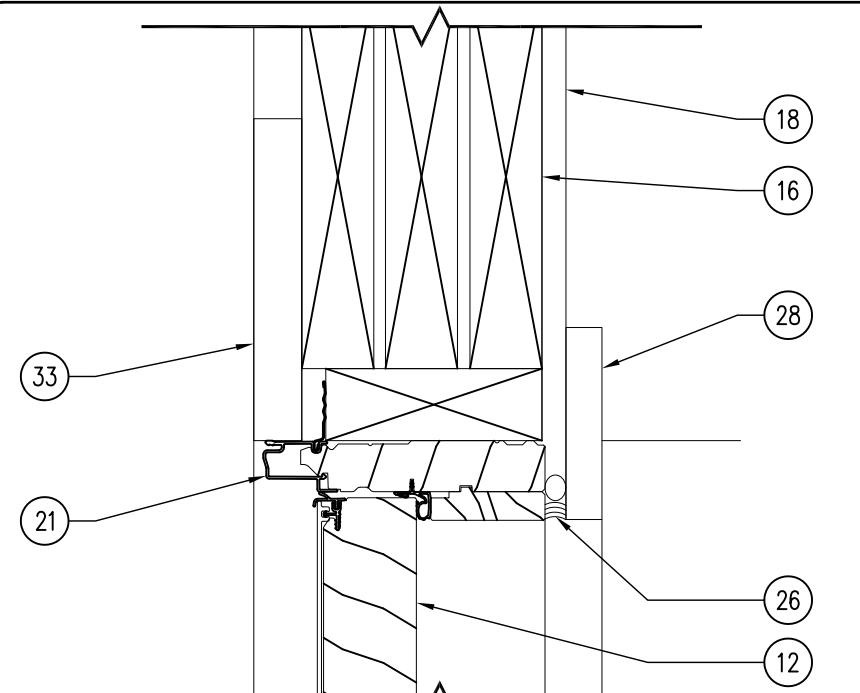
08 MILLWORK - CASING TRIM
SCALE: 6" = 1'-0"



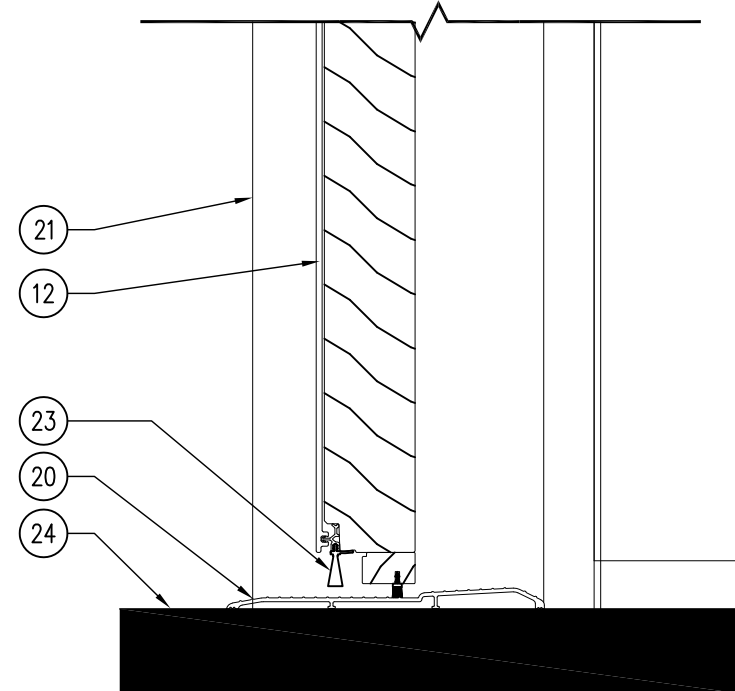
07 MILLWORK - BATHROOM CABINET
SCALE: 1" = 1'-0"



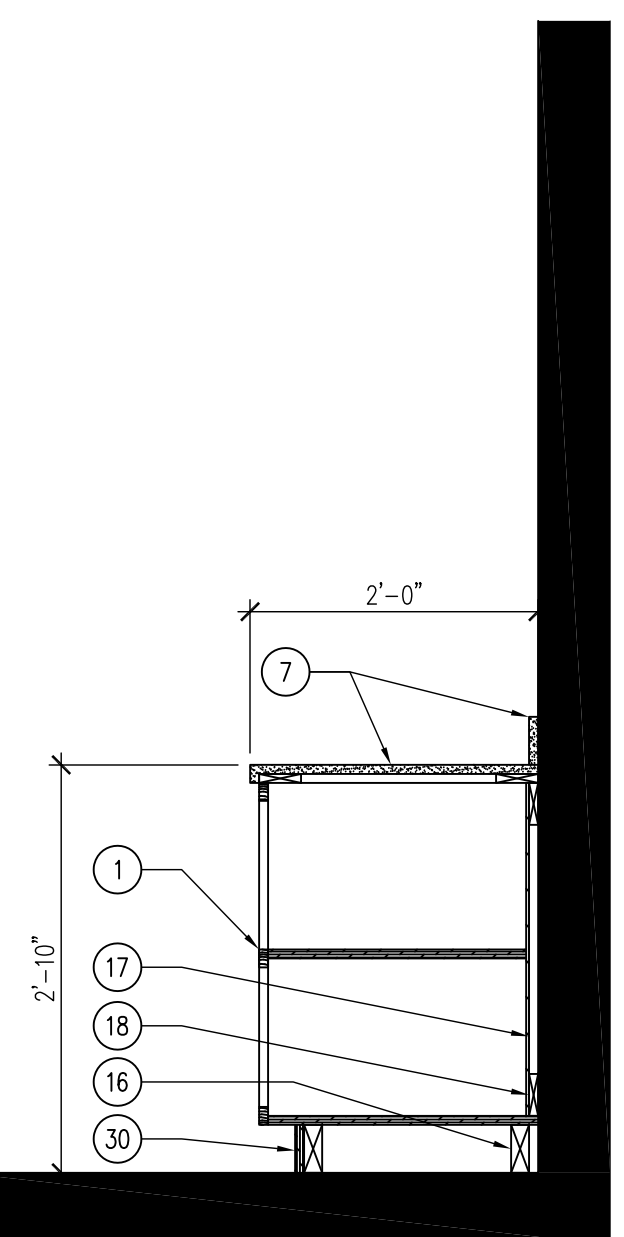
06 MILLWORK - SINK BASE
SCALE: 1" = 1'-0"



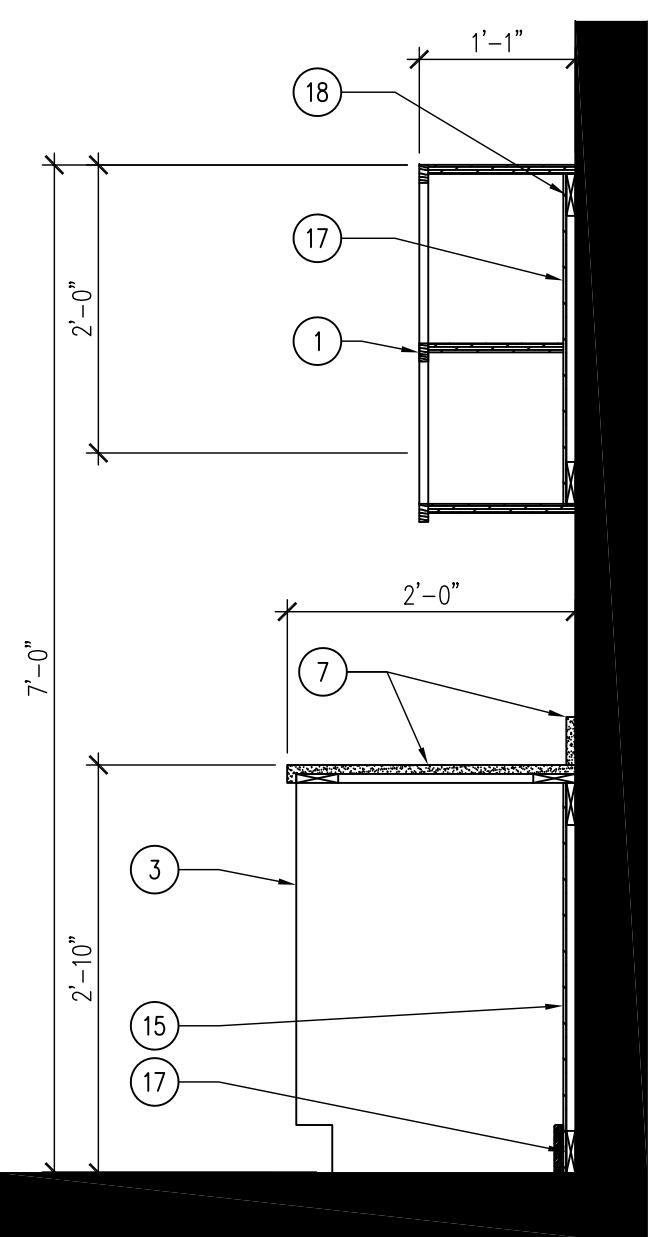
05 DOOR DETAIL - HEADER
SCALE: 3" = 1'-0"



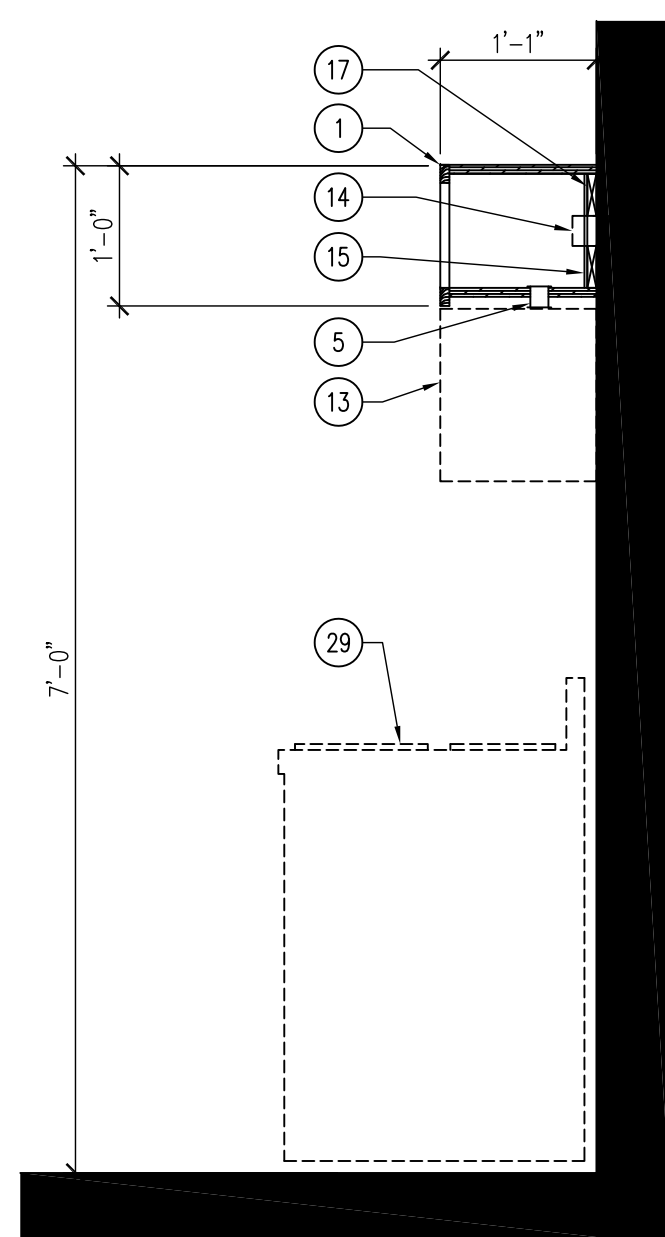
04 DOOR DETAIL - SILL
SCALE: 3" = 1'-0"



03 MILLWORK - BASE CABINET
SCALE: 1" = 1'-0"



02 MILLWORK - COUNTER & UPPER
SCALE: 6" = 1'-0"



01 MILLWORK DETAIL - MICROWAVE
SCALE: 1" = 1'-0"

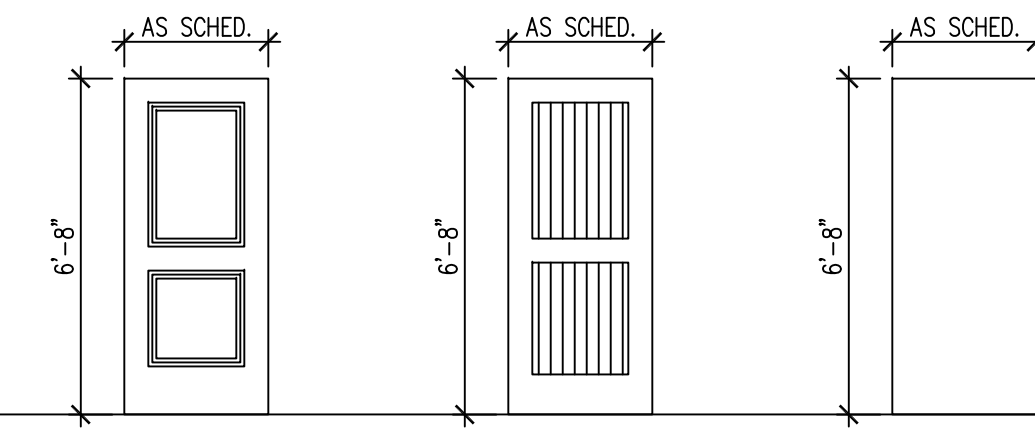
HARDWARE SCHEDULE

- HARDWARE SET NO. 1 - DOORS: 101**
 3 EA. HINGES FBBI79 4 1/2 X 4 1/2
 1 EA. PRIVACY LOCKSET ND40S (ATHENS)
 1 EA. FLOOR STOP FS444
 1 EA. ADA THRESHOLD
- HARDWARE SET NO. 2 - DOORS: 100**
 3 EA. HINGES FBBI79 4 1/2 X 4 1/2
 1 EA. ENTRANCE LOCKSET REUSE EXISTING
 3 EA. PERIMETER SEALS BLACK GASKET
 1 EA. THRESHOLD SEAL FAST SEAL
 1 EA. LCN 1450 SRT DARK BRONZE
 1 EA. ADA THRESHOLD
- HARDWARE SET NO. 3 - DOORS: 103**
 3 EA. HINGES FBBI79 4 1/2 X 4 1/2
 3 EA. PERIMETER SEALS BLACK GASKET
 1 EA. DEAD-BOLT B61P
 1 EA. FLOOR STOP FS444
 1 EA. THRESHOLD WITH SEAL

ROOM #	ROOM NAME	FLOORING	BASE	NORTH WALL FINISH	EAST WALL FINISH	SOUTH WALL FINISH	WEST WALL FINISH	CEILING	NOTES
100	KITCHEN	EXISTING	EXISTING	PNT-1	PNT-1	PNT-1	PNT-2	EXISTING	MAINTAIN EXISTING CAR-SIDING CEILING FINISH
101	BATHROOM	CONC-1	WB-1	PNT-1	PNT-1	PNT-1	PNT-2	GYP-1	-
101	MECHANICAL	CONC-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-2	GYP-1	-
103	LIVING	EXISTING	-	-	-	-	-	-	EXISTING FINISHES TO REMAIN

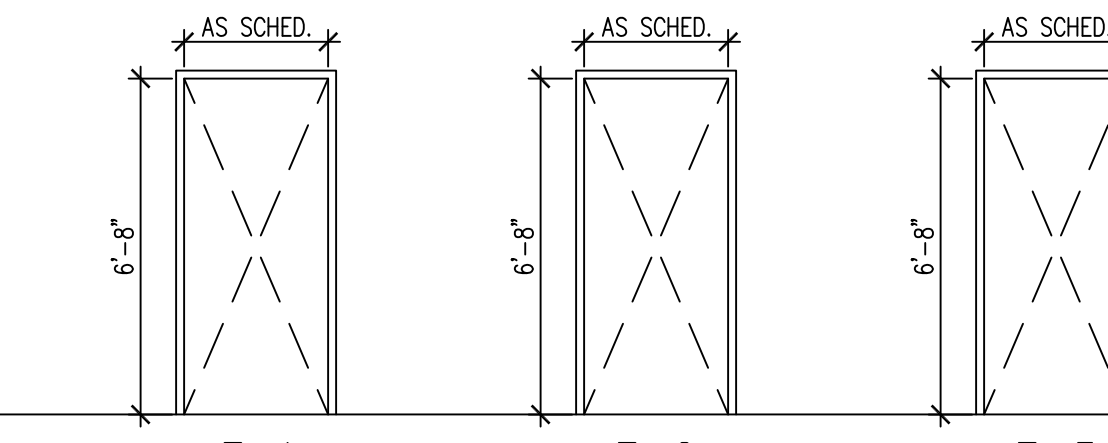
FINISH MARK	MATERIAL	MANUFACTURER INFO		DIMENSION	COLOR	FINISH	COMMENTS
		COMPANY NAME	PRODUCT NUMBER				
FLOOR FINISH							
CONC-1	SEALED CONCRETE	-	-	-	-	HIGH GLOSS	SEAL CONCRETE 2X
WB-1	HARD MAPLE BASE	-	-	3/4" X 4"	NATURAL	CLEAR	-
CEILING FINISH							
GYP-1	5/8" TYPE X FIRE GYPSUM	-	-	5/8"	-	PNT-1	-
GYP-2	GYPSUM WALL BOARD	USG	-	1/2"	WHITE	PNT-1/PNT-2	HEAVY ORANGE PEEL
INTERIOR FINISH							
PNT-1	INTERIOR PAINT	SHERWIN WILLIAMS	SW 6105	-	DIVINE WHITE	PEARL	COMMON
PNT-2	INTERIOR PAINT	SHERWIN WILLIAMS	SW 6106	-	KILIM BEIGE	PEARL	ACCENT
GYP-1	5/8" TYPE X FIRE GYPSUM	-	-	5/8"	-	-	2 LAYERS MECHANICAL ROOM
MILLWORK / WOOD FINISH							
WD-1	HARD MAPLE VENEER PLYWOOD	-	-	-	CLEAR	SATIN	ALL SHELVES AND CABINET BOXES
WD-2	3/4" SOLID HARD MAPLE	-	-	-	CLEAR	SATIN	ALL FACEFRAMES, DOORS, & DRAWERS
QTZ-1	QUARTZ	DUPONT	-	1.25"	CALACUTTA NATURA	MANUF.	ALL WOOD/MILLWORK - SUBMIT SAMPLES

DOOR TYPES



D-1 ENTRANCE DOOR 16GA GALVANIZED STEELCRAFT CE - HD2 URETHANE CORE
 D-2 BEAD FACE DOOR GRADE "AA" HARD MAPLE DOOR PANEL DOOR
 D-3 FLUSH SLAB DOOR GRADE "AA" HARD MAPLE DOOR SOLID CORE

FRAME TYPES



F-1 EXTERIOR FRAME 14 GAUGE GALVANIZED WELDED W/ DRIPCAP
 F-2 WOOD HARD MAPLE
 F-3 STEEL FRAME 18GA.

DOOR SCHEDULE

DOOR NUMBER	DOOR			FRAME					FIRE RATING LABEL	HARDWARE		COMMENTS			
	DIMENSION			TYPE	GLASS	FINISH	DETAILS			SET #	KEYSIDE ROOM NUMBER				
	WIDTH	HEIGHT	THICK.				HEAD	JAMB					THRESHOLD	TYPE	FINISH
100	3'-0"	6'-8"	1 3/4"	D-1	MANUF.	DARK BRONZE	05/A-600	-	04/A-600	F-1	DARK BRONZE	-	2	EXT.	OUTSWING - STEELCRAFT CE 16GA DOOR
101	3'-0"	6'-8"	1 3/4"	D-2	-	CLEAR	-	-	-	F-2	CLEAR	-	1	100	-
102	2'-0"	6'-8"	1 3/4"	D-3	-	CLEAR	-	-	-	F-3	CLEAR	-	3	101	-

KEYNOTES

- 3/4" PLYWOOD CABINET WITH WOOD VENEER (WD-1). 1/2" X 1 1/2" SOLID MAPLE FACE-FRAME SURROUND. REFER TO FINISH SCHEDULE SHEET A-600.
- 3/4" PLYWOOD DOOR WITH WOOD VENEER (WD-1), HIDDEN SOFT-CLOSE HINGES. PROVIDE DECORATIVE HARDWARE WIRE PULLS (DARK BRONZE), REFER TO FINISH SCHEDULE SHEET A-600.
- CABINET BEYOND.
- WALL FINISH AS SCHEDULED, REFER TO SHEET A-600.
- GROMMET HOLE WITH PLASTIC GROMMET, SIZE ACCORDING TO MICROWAVE MANUFACTURER'S RECOMMENDATIONS.
- 3/4" PLYWOOD VALENCE WITH WOOD VENEER (WD-1). 1/2" HARD MAPLE EDGE BANDING. REFER TO FINISH SCHEDULE SHEET A-600.
- 1 1/2" QUARTZ COUNTER-TOP (QTZ-1). REFER TO FINISH SCHEDULE SHEET A-600.
- TWO-BASIN STAINLESS STEEL UNDER-MOUNT SINK, REFER TO PLUMBING DRAWINGS.
- CEILING FINISH AS SCHEDULED.
- FLOOR AS SCHEDULED. REFER TO FINISH SCHEDULE SHEET A-600.
- ADA COMPLIANT 1/2" PLYWOOD UNDER-SINK DOORS, WITH 1/2" HARD MAPLE EDGE BANDING, ON SLIDER HINGES WITH WOOD VENEER (WD-1). PROVIDE DECORATIVE HARDWARE WIRE PULLS (DARK BRONZE), REFER TO FINISH SCHEDULE SHEET A-600. BLOCK AND BRACKET DOOR AS NECESSARY.
- DOOR AS SCHEDULED, REFER TO DOOR SCHEDULE SHEET A-600.
- MICROWAVE AND FAN EXHAUST COMBO SET BY OWNER.
- ELECTRICAL OUTLET, REFER TO ELECTRICAL DRAWINGS.
- 1/2" PLYWOOD BACKER BOARD WITH WOOD VENEER (WD-1).
- 2X WOOD BLOCKING AS REQUIRED.
- 1/2" WOOD BLOCKING AS REQUIRED.
- 1/2" GYPSUM WALL BOARD.
- CONTINUOUS SEALANT AND BACKER ROD.
- ADA COMPLIANT THRESHOLD.
- DOOR FRAME AS SCHEDULED.
- EXISTING HEADER.
- BRUSH TYPE GASKET FOR EXTERIOR DOORS.
- CONCRETE SLAB, REFER A-100 AND FINISH SCHEDULE.
- METAL FLASHING W/ SEALANT, AS REQUIRED.
- 1/2" EXPANSION JOINT WITH COMPRESSIBLE EXPANSION MATERIAL AND SEALANT.
- HARD MAPLE BASE S4S WITH 1/8" RADIUS TOP EDGE AND TWO COATS OF POLYURETHANE.
- HARD MAPLE CASING S4S WITH 1/8" RADIUS BOTH EDGES AND TWO COATS OF POLYURETHANE.
- STOVE BY OWNER.
- PLYWOOD (WD-1) TOE-KICK.
- KEYED CYLINDER LOCK.
- 3/4" PLYWOOD ADJUSTABLE SHELF WITH 1/2" HARD MAPLE EDGE BANDING AND WOOD VENEER (WD-1).
- EXISTING SIDING TO REMAIN.
- HARD MAPLE BOOKCASE TRIM S4S WITH 1/8" RADIUS TOP EDGE AND TWO COATS OF POLYURETHANE.

GENERAL NOTES

- WOOD DOORS TO BE CUSTOM GRADE "AA" MAPLE WOOD VENEER SOLID CORE. FINISH TO BE APPROVED BY ARCHITECT.
- ALL HARDWARE MODEL NUMBERS BASED ON SCHLAGE "ND-SERIES" LOCKSETS AND "TVEST" HARDWARE.
- HARDWARE FINISH TO BE "AGED BRONZE (643A)", UNLESS NOTED OTHERWISE.
- CHECK ALL QUANTITIES, DIMENSIONS AND FINISHES BEFORE ORDERING.
- FIELD VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION, SHEET A-101.
- FIELD VERIFY ALL EQUIPMENT LOCATIONS FOR ELECTRICAL OUTLET LOCATIONS, REFER TO ELECTRICAL PLAN.
- ALL PLYWOOD PRODUCTS TO HAVE NO ADDED UREA-FORMALDEHYDE (NAUF).
- ALL WOOD SURFACES TO HAVE TWO (2) COATS, VOC-FREE, CLEAR SATIN POLYURETHANE FINISH.

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DETAILS, FINISH & DOOR SCHEDULES

SHOWER BUILDINGS & CABIN RENOVATIONS FOR:
PINE LAKE STATE PARK

ELDORA, IA 50627

2620 COUNTY HIGHWAY 556

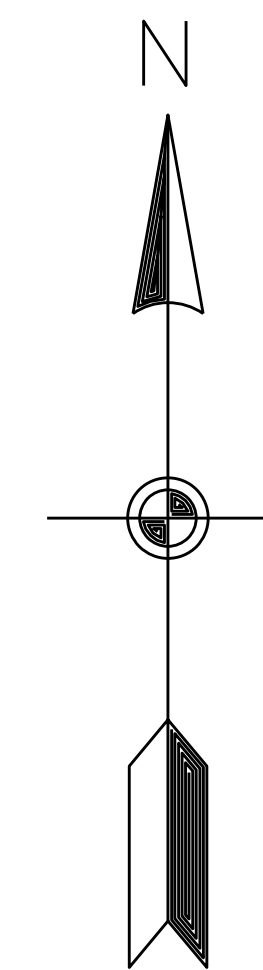
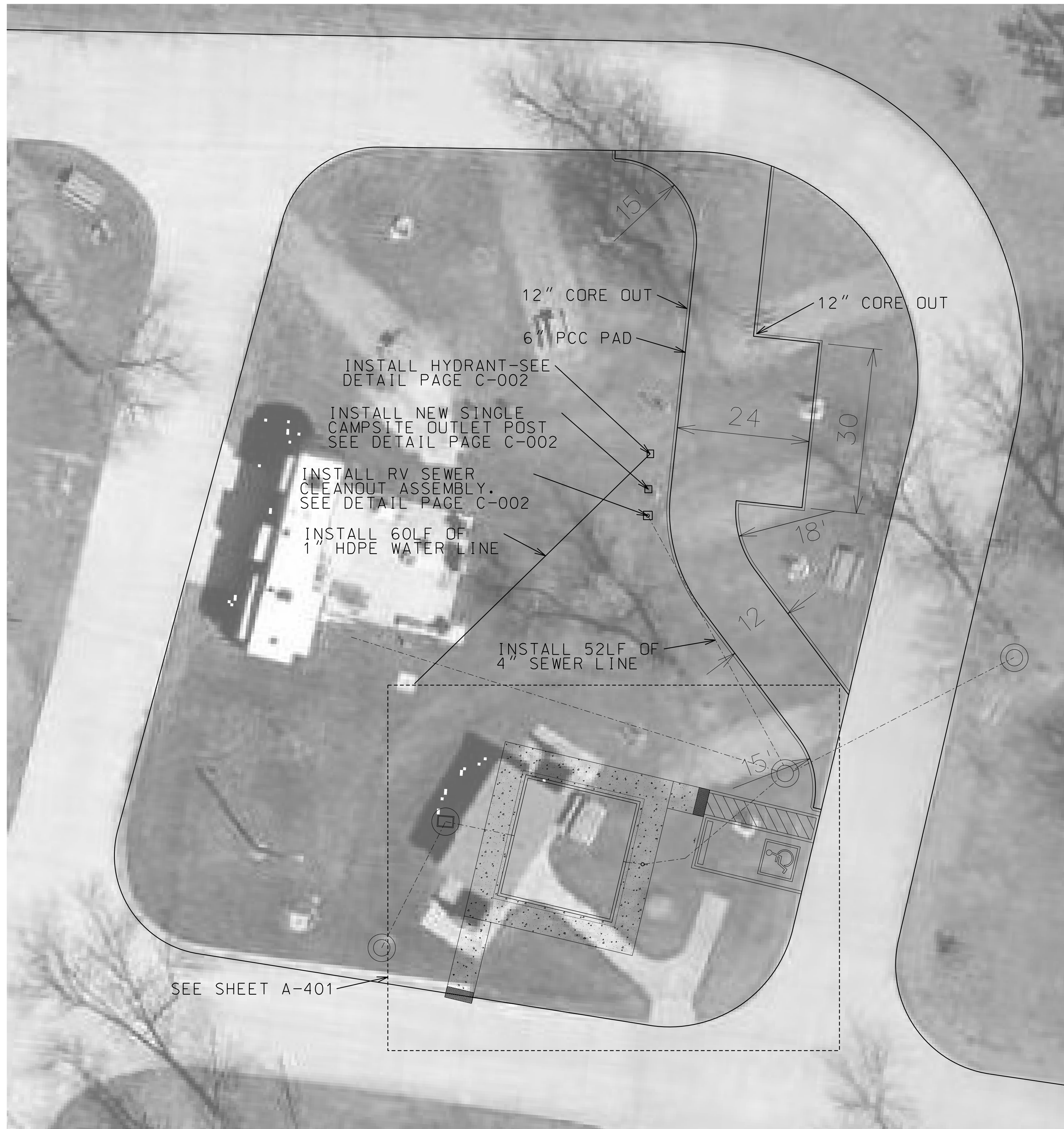
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SHEET NO:

A-600



SCALE 1" = 10'

NOTES:

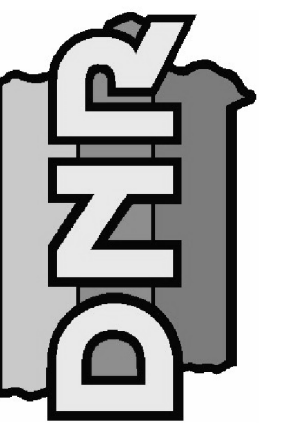
1. CONCRETE SHALL BE REINFORCED WITH 1/2" REBAR ON 2 FOOT CENTERS.
2. MINIMUM DISTANCE BETWEEN SEWER AND WATER SERVICE SHALL BE 10'.
3. 12" CORE OUT SHALL BE 0.5 FEET OUTSIDE OF CONCRETE PAD FOOTPRINT. WASTE WILL BE DISPOSED OF AS DIRECTED BY DNR INSPECTOR.
4. CONTRACTOR SHALL PLACE AND COMPACT SPECIAL BACKFILL TO 6" DEPTH.

ESTIMATED QUANTITIES FOR BID ITEM 29
CAMPGROUND HOST SITE

ITEM	QTY
1" HDPE WATER LINE	60 L.F.
4" SCHEDULE 40 PVC SEWER LINE	52 L.F.
SINGLE CAMPSITE OUTLET POST - 50 AMP	1 EA.
RV SEWER CLEANOUT ASSEMBLY	1 EA.
EXCAVATION CLASS 10 CORE OUT, 12" DEPTH	68 C.Y.
SPECIAL BACKFILL, 6" DEPTH	68 TONS
CONCRETE, CLASS C PCC	202 S.Y.
CORPORATION STOP	1 EA.
CURB STOP/VALVE BOX	1 EA.
DETECTABLE WARNING TAPE 3" SEWER	52 L.F.
DETECTABLE WARNING TAPE 3" WATER	60 L.F.

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CAMP HOST SITE PLAN

SHOWER BUILDINGS & CABIN RENOVATIONS FOR:
PINE LAKE STATE PARK

22620 COUNTY HIGHWAY 556
ELDORA, IA 50627

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