

IOWA DEPARTMENT OF NATURAL RESOURCES

CONSTRUCTION DRAWINGS
NEW SHOP BUILDING
(REBID)
FOR
MINES OF SPAIN
STATE RECREATION AREA
DUBUQUE COUNTY, IA



PROJECT # 14-03-31-02

PLANS PREPARED BY
ENGINEERING BUREAU
CONSERVATION & RECREATION DIVISION

	<p>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.</p> <p>RYAN E. RICHEY DATE</p> <p>My license renewal date is June 30, 2015.</p> <p>Pages or sheets covered by this seal: A-001 - A-600</p>
	<p>I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly LICENSED Professional ENGINEER under the laws of the State of Iowa.</p> <p>JAMES P. KAUNE DATE</p> <p>My license renewal date is</p> <p>Pages or sheets covered by this seal: C2.0 - C5.1</p>
	<p>I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly LICENSED Professional ENGINEER under the laws of the State of Iowa.</p> <p>CHAD D. BASS DATE</p> <p>My license renewal date is DECEMBER 31, 2015.</p> <p>Pages or sheets covered by this seal: M0.0 - P3.0</p>
	<p>I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly LICENSED Professional ENGINEER under the laws of the State of Iowa.</p> <p>JAMES R. DEEDS IV DATE</p> <p>My license renewal date is DECEMBER 31, 2014.</p> <p>Pages or sheets covered by this seal: E0.0 - E3.1</p>

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EMAIL	-

PROJECT DATA
<p>OCCUPANT LOAD:</p> <p>GROUP S-1 - STORAGE / ACCESSORY ASSEMBLY AREAS - 90 GROSS (I.B.C. TABLE 1004.1.1) MECHANICAL AREAS - 145 GROSS (I.B.C. TABLE 1004.1.1) GARAGE AREAS - 2,300 GROSS (I.B.C. TABLE 1004.1.1)</p> <p>ASSEMBLY 90 S.F. / 15 = 6 = 6 OCCUPANTS ACCESSORY/ MECH. 145 S.F. / 300 = 1 = 1 OCCUPANT GARAGE / STORAGE 2,300 S.F. / 300 = 8 = 8 OCCUPANTS</p> <p>TOTAL OCCUPANT LOAD = 15 OCCUPANTS</p> <p>REQUIRED FIXTURES:</p> <p>1 TOTAL WATER CLOSETS (1 UNISEX)</p> <p>WATER CLOSETS - 1 PER 25 FOR FIRST 50 = 1 REQUIRED / 1 PROVIDED LAVATORIES - 1 PER 40 FOR FIRST 80 = 1 REQUIRED / 1 PROVIDED</p>

BUILDING DATA
<p>MEANS OF EGRESS:</p> <p>MIN. REQ'D # OF EXITS = 2 EXITS PER LEVEL (IBC TABLE 1021.1) MAX TRAVEL DISTANCE = 200' (IBC 1016.1) DEAD-END CORRIDOR = 20' MAX. (IBC 1018.4) MIN. CORRIDOR WIDTH = 36" CLEAR MIN. CLEAR OPENINGS FOR EXIT DOORS = 32" (ACTUAL 34")</p> <p>FIRE EXTINGUISHERS: THE NUMBER AND LOCATIONS OF FIRE EXTINGUISHERS TO BE DETERMINED BY THE FIRE MARSHAL PRIOR TO CERTIFICATE OF OCCUPANCY.</p> <p>BUILDING:</p> <p>ADDRESS: MINES OF SPAIN SRA (EB LYONS) 8991 BELLEVUE HEIGHTS DUBUQUE, IA 52003 DUBUQUE COUNTY</p> <p>USE - GARAGE / STORAGE BUILDING CONSTRUCTION - TYPE V-B (W/OUT AUTOMATIC SPRINKLER SYSTEM) NUMBER OF STORES - 1 STORY BUILDING HEIGHT - 22'-0" BUILDING AREA - 2,300 GSF BUILDING OCCUPANCY - GROUP S-1, STORAGE</p>

BUILDING CODES
<p>BUILDING CODE - 2009 INTERNATIONAL BUILDING CODE</p> <p>STRUCTURAL CODE - 2009 INTERNATIONAL BUILDING CODE</p> <p>PLUMBING CODE - 2009 INTERNATIONAL BUILDING CODE</p> <p>MECHANICAL CODE - 2009 INTERNATIONAL BUILDING CODE</p> <p>ELECTRICAL CODE - 2009 INTERNATIONAL BUILDING CODE</p> <p>FIRE PREVENTION CODE - 2009 INTERNATIONAL FIRE PREVENTION CODE</p> <p>ACCESSIBILITY CODE - 2009 INTERNATIONAL BUILDING CODE, CHAPTER 11</p> <p>ENERGY CODE - 2009 INTERNATIONAL ENERGY EFFICIENCY CODE</p>

PROJECT DESCRIPTION

THE EB LYONS SECTION OF MINES OF SPAIN STATE RECREATION AREA WILL RECEIVE A NEW STORAGE GARAGE ON THE SITE AND THE EXISTING GARAGE WILL BE DEMOLISHED AS PART OF A SEPARATE CONTRACT. THE NEW GARAGE WILL HAVE THREE BAYS, A SMALL BREAK ROOM AREA, MECHANICAL ROOM AND RESTROOM. THE EXTERIOR OF THE GARAGE WILL HAVE A SMALL, FENCED-IN YARD AND DRIVE TO THE SITE. CONTRACTOR SHALL DEMOLISH AND REMOVE EXISTING SHOP ONCE NEW SHOP IS FINALIZED AND APPROVED BY IOWA DNR.

AUTHORIZATION TO BID

ENGINEERING BUREAU CHIEF _____ DATE _____

AUTHORIZED - PARKS | WILDLIFE | FISHERIES | LAW ENFORCEMENT _____ DATE _____

BID ITEMS		
ITEM NUMBER	DESCRIPTION	ESTIMATED QUANTITY
1	SUBBASE, COARSE AGGREGATE SUBBASE - 3" BREAKER	470 TONS
2	BASE STONE, GRADATION 11	300 TONS
3	EROSION CONTROL	1 LUMP SUM
4	PAVEMENT, PCC (6" THICKNESS)	490 SY
5	SANITARY SEWER INSTALLATION	1 LUMP SUM
6	WATER SERVICE INSTALLATION	1 LUMP SUM
7	FENCING	370 LF
8	CHAINLINK GATE (6X6)	2 EACH
9	CHAINLINK FENCE (6X20)	1 EACH
10	FINISHING	1 LUMP SUM
11	NEW SHOP BUILDING	1 LUMP SUM
12	MOBILIZATION	1 LUMP SUM
13	CONSTRUCTION STAKING	1 LUMP SUM
14	DEMOLITION OF EXISTING SHOP/GARAGE	1 LUMP SUM
15	WIRING FOR FUTURE FUEL TANK	1 LUMP SUM

COVER SHEET
NEW SHOP BUILDING (REBID) FOR:
MINES OF SPAIN SRA:
8991 BELLEVUE HEIGHTS
DUBUQUE COUNTY, IOWA

NO.	BY DATE	REVISION

DRAWN BY: PROJECT NUMBER:
14-03-31-02

CHK'D BY: DATE:
06.24.2014

SHEET No: **A-001**

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	GYPSUM / 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

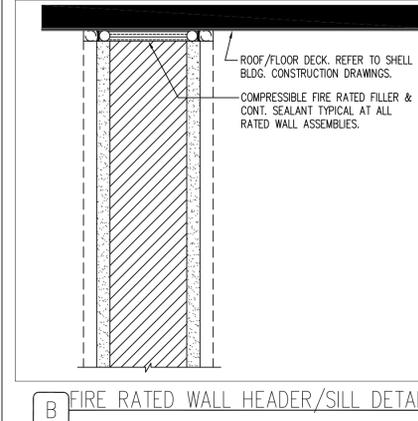
SYMBOL LEGEND

NORTH AAROW	ROOM /SPACE IDENTIFICATION
DRAWING / DETAIL IDENTIFICATION	DOOR TAG
SECTION REFERENCE	WINDOW TAG
DETAIL REFERENCE	WALL TYPE REFERENCE
EXTERIOR ELEVATION	KEYNOTE - NEW/RENOVATION
INTERIOR ELEVATION	KEYNOTE - FINISH/ACCESSORY
ELEVATION TARGET	PROPERTY LINE REFERENCE
COLUMN GRID	CENTER LINE REFERENCE
LEVEL CHANGE REFERENCE	DETAIL CUT LINE
MATCH LINES	REVISION NUMBER AND CLOUD

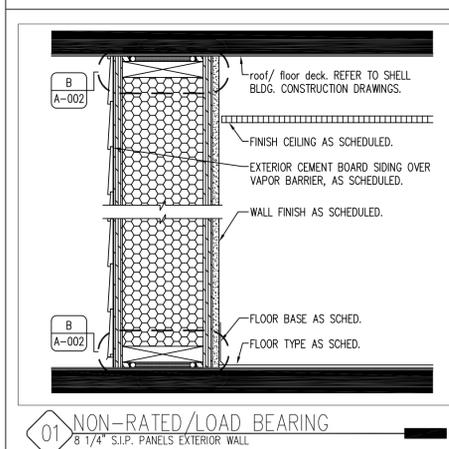
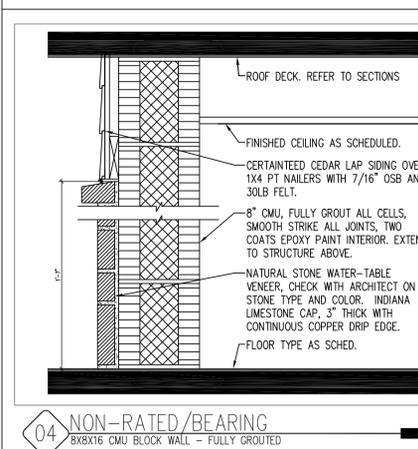
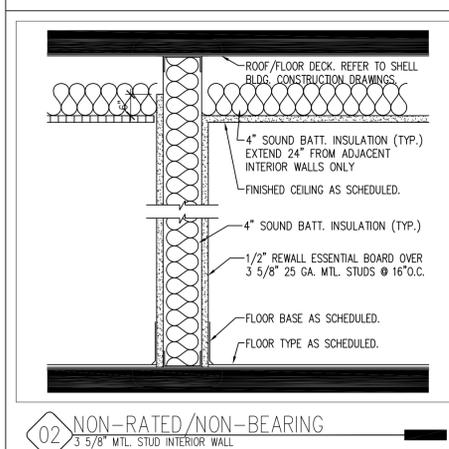
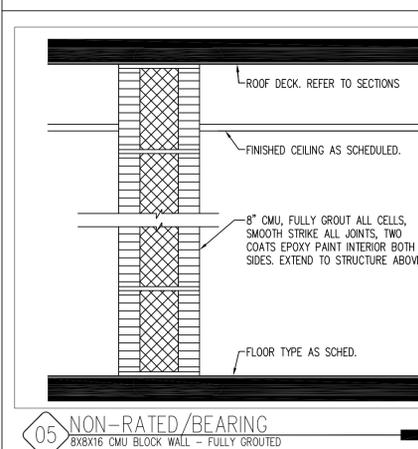
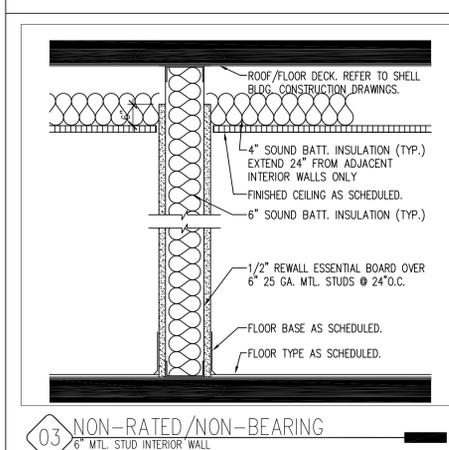
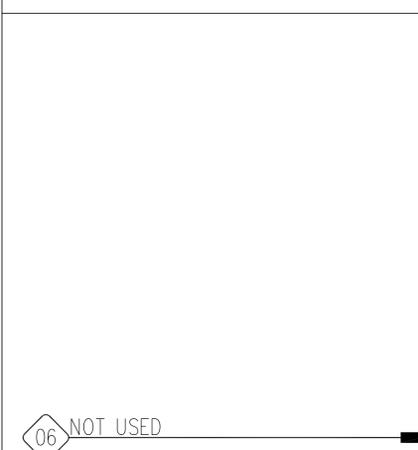
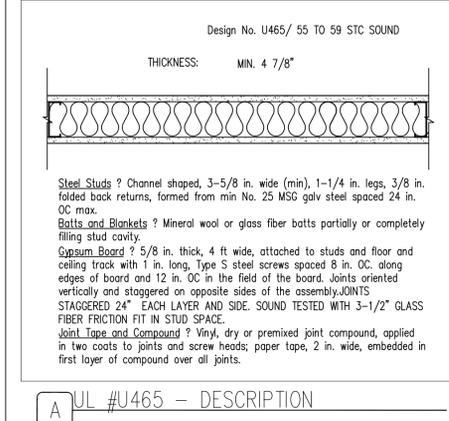
GENERAL NOTES

- 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.

WALLTYPES



WALLTYPES



ABBREVIATIONS

ABV ABOVE	MANUF MANUFACTURER
AFF AFF	MAX MAXIMUM
ACT ACT	MO MASONRY OPENING
AHU AIR HANDLER UNIT	MECH MECHANICAL
AL ALUMINUM	MEMB MEMBRANE
AB ANCHOR BOLT	MTL METAL
AT AT	MIN MINIMUM
BM BEAM	N/A NOT APPLICABLE
BRG BEARING	NIC NOT IN CONTRACT
BLK BLOCK	NTS NOT TO SCALE
BD BOARD	#, NO NUMBER
BTM BOTTOM	OA OVERALL
BLDG BUILDING	ON ON CENTER
BLUR BUILT-UP ROOF	OCC OCCUPANCY
CAB CABINET	OPNG OPENING
CPT CARPET	OPP OPPOSITE
CF CEILING FINISH	OH OVERHANG
CIP CAST IN PLACE	PAV PAVERS
CLG CEILING	PNT PAINTED
CL CENTER LINE	PR PAIR
CT CERAMIC TILE	PBO PURCHASED BY OWNER
CLR CLEAR	PF PRE-FINISHED/PRIMED
COL COLUMN	PL PLATE
CONC CONCRETE	PLMB PLUMBING
CMU CONCRETE MASONRY UNIT	PLYWO PLYWOOD
CONT CONTINUOUS	PT PRESURE TREATED
CJ CONTROL JOINT	POR POINT OF REFERENCE
DIA DIAMETER	QT QUARRY TILE
DEMO DEMOLITION	R RADIUS
DR DOOR	RCF REFLECTED CEILING PLAN
DN DOWN	RENF REINFORCED
DS DOWNSPOUT	RENO RENOVATION
DWG DRAWINGS	REQ'D REQUIRED
ELEC ELECTRICAL	RD ROOF DRAIN
EWC ELECTRIC WATER COOLER	RM ROOM
ELEV ELEVATION	RO ROUGH OPENING
EQ EQUAL	S STAIN
EXIST EXISTING	SECT SECTION
EJ EXPANSION JOINT	SM SIMILAR
EXT EXTERIOR	SC SOLID CORE
FIN FINISH	ST STUCCO
FV FIELD VERIFY	SPEC SPECIFICATION
FE FIRE EXTINGUISHER	SQ SQUARE FOOT
FLR FLOOR	SS STAINLESS STEEL
FD FLOOR DRAIN	STL STEEL
FTG FOOTING	STRUCT STRUCTURAL
FR FIRE RETARDANT	STD STANDARD
GA GAUGE	TR TRUSS
GC GENERAL CONTRACTOR	TG TEMPERED GLASS
GALV GALVANIZED	TEXT TEXTURE
GFI GROUND FAULT INTERRUPT	TYP TYPICAL
GYP GYPSUM	T&G TONGUE & GROOVE
HC HANDICAPPED	T&B TOP & BOTTOM
HDW HARDWARE	UL UNDERWRITERS LAB
HT HEIGHT	UNO UNLESS NOTED OTHERWISE
HRD HEADER	VP VAPOR BARRIER
HM HOLLOW METAL	VB VINYL BASE
IC INSTALLED BY CONTRACTOR	VCT VINYL COMPOSITION-TILE
IO INSTALLED BY OWNER	VWC VINYL WALL COVERING
INSUL INSULATION	WC WATER COOLER
INT INTERIOR	WH WATER HEATER
JAN JANITOR	WFF WELDED WIRE FABRIC
JT JOINT	WD WOOD
LAM LAMINATED	W/ WITH
LF LINEAR FEET	W/O WITHOUT

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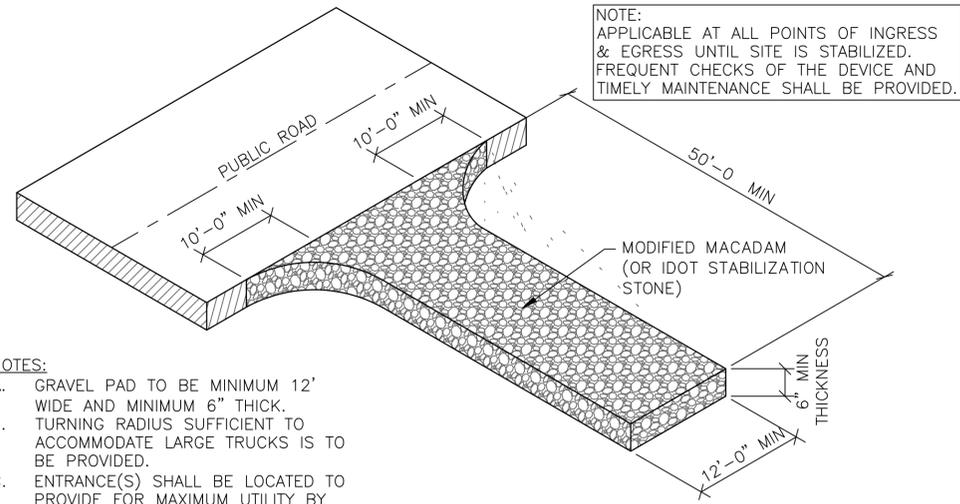


WALL TYPES, NOTES & SYMBOLS
NEW SHOP BUILDING (REBID) FOR:
MINES OF SPAIN SRA:
DUBUQUE COUNTY, IOWA
8991 BELLEVUE HEIGHTS

NO.	BY	DATE	REVISION

DRAWN BY: PROJECT NUMBER: 14-03-31-02
CHK'D BY: DATE: 06.24.2014

SHEET NO: A-002



NOTE:
 APPLICABLE AT ALL POINTS OF INGRESS
 & EGRESS UNTIL SITE IS STABILIZED.
 FREQUENT CHECKS OF THE DEVICE AND
 TIMELY MAINTENANCE SHALL BE PROVIDED.

NOTES:

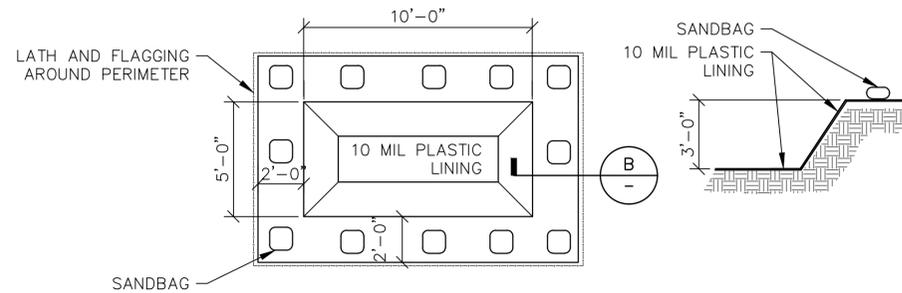
- A. GRAVEL PAD TO BE MINIMUM 12' WIDE AND MINIMUM 6" THICK.
- B. TURNING RADIUS SUFFICIENT TO ACCOMMODATE LARGE TRUCKS IS TO BE PROVIDED.
- C. ENTRANCE(S) SHALL BE LOCATED TO PROVIDE FOR MAXIMUM UTILITY BY ALL CONSTRUCTION VEHICLES.
- D. MUST BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR DIRECT FLOW OF MUD ONTO STREETS. PERIODIC TOP DRESSING WITH STONE IS REQUIRED.
- E. ANY TRACKED MATERIAL ON THE PUBLIC ROAD MUST BE CLEANED UP DAILY.

CONSTRUCTION ENTRANCE

1" = 10' XREF

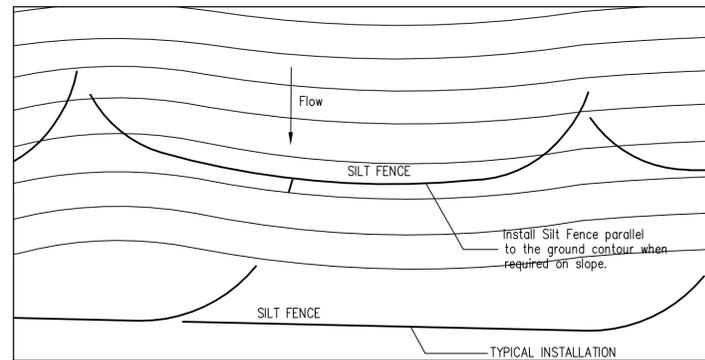
NOTES:

- 1. WASHOUT FACILITY SHALL NOT BE LOCATED WITHIN 50 FEET OF STORM DRAINS, OPEN DITCHES OR WATERBODIES.
- 2. WASHOUT FACILITIES MUST BE CLEANED OR NEW FACILITIES CONSTRUCTED ONCE THE FACILITY IS 75% FULL. HARDENED CONCRETE SHALL BE REMOVED AND DISPOSED OF. IF THE FACILITY IS TO BE REUSED, LINE THE STRUCTURE WITH NEW 10 MIL POLYETHYLENE SHEETING FREE OF HOLES OR TEARS.
- 3. A SIGN SHALL BE POSTED ADJACENT TO THE FACILITY TO INFORM CONCRETE EQUIPMENT OPERATORS OF THE FACILITY OR THE JOB SITE SUPERINTENDENT SHALL ENSURE THAT CONCRETE EQUIPMENT OPERATORS USE THE WASHOUT FACILITY.
- 4. IF NECESSARY, A CRUSHED STONE PATH SHALL BE CONSTRUCTED TO PROVIDE EASE OF ACCESS FOR EQUIPMENT.
- 5. WHEN THE FACILITY IS NO LONGER REQUIRED, THE HARDENED CONCRETE SHALL BE REMOVED AND DISPOSED OF, THE MATERIALS USED TO CONSTRUCT THE FACILITY SHALL BE REMOVED, AND THE HOLE BACKFILLED AND THE SURROUNDING AREA REPAIRED.



CONCRETE WASHOUT

1" = 4' XREF



SILT FENCE - TYPICAL PLAN

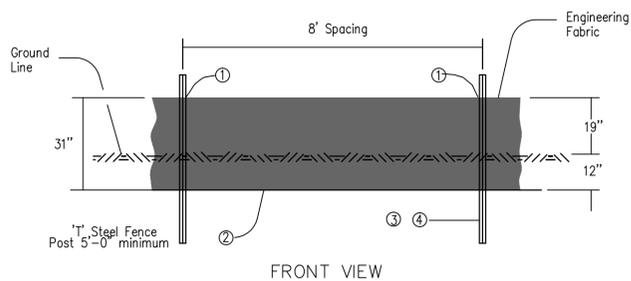
FOR MACHINE INSTALLATION, ALL COMPACTION SHALL BE ACCOMPLISHED BY DRIVING OVER EACH SIDE OF SILT FENCE AT LEAST TWO TIMES WITH DEVICE EXERTING 60 P.S.I. OR GREATER.

FOR MANUAL INSTALLATION, ALL COMPACTION SHALL BE ACCOMPLISHED WITH A MECHANICAL OR PNEUMATIC TAMPER.

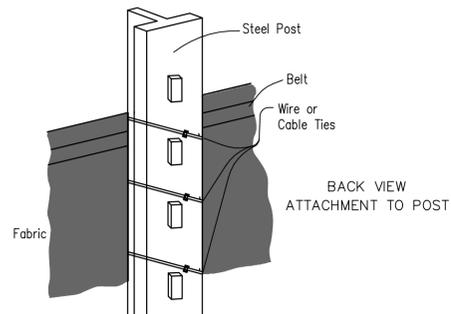
SILT FENCE MAY BE PLACED CONTINUOUSLY UP TO A MAXIMUM LENGTH OF 200 FEET. FOR EVERY SEGMENT OF SILT FENCE THAT IS PLACED, THE LAST 20 FEET OF THE SEGMENT SHALL BE FLARED UP THE SLOPE TO CONTAIN RUNOFF AS SHOWN.

KEY NOTES

- ① SECURE TOP OF ENGINEERING FABRIC TO STEEL POSTS USING CABLE TIES (50 LB.) OR WIRE. SEE BACK VIEW ATTACHMENT TO POST.
- ② ENGINEERING FABRIC TO BE FOLDED ALONG BOTTOM OF TRENCH FOR MANUAL INSTALLATION ONLY.
- ③ FOR MACHINE INSTALLATION, POSTS SHALL BE EMBEDDED 28 INCHES BELOW THE GROUND LINE. FIRST AND LAST POSTS OF A SEGMENT SHALL BE EMBEDDED 39 INCHES BELOW THE GROUND LINE.
- ④ FOR MANUAL INSTALLATION, POSTS SHALL BE EMBEDDED 28 INCHES BELOW THE TRENCH BOTTOM. FIRST AND LAST POSTS OF A SEGMENT SHALL BE EMBEDDED 39 INCHES BELOW THE TRENCH BOTTOM.



FRONT VIEW



BACK VIEW ATTACHMENT TO POST

16
C.10A

SILT FENCE

NOT TO SCALE

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EROSION CONTROL DETAILS

EB LYONS EXPANSION PROJECT
 8991 BELLEVUE HEIGHTS
 DUBUQUE COUNTY, IOWA

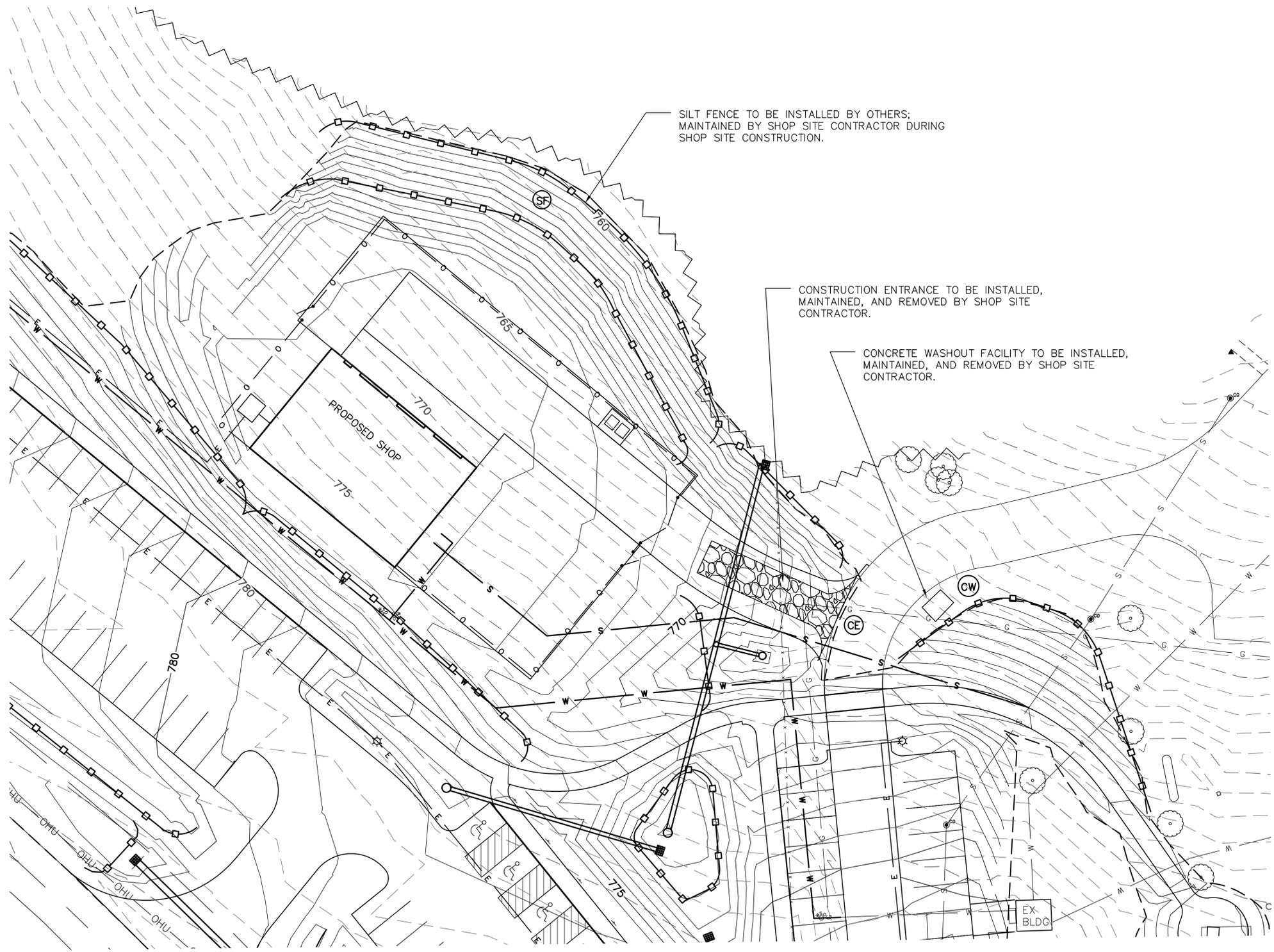
P:\13\145\145-01\DRAWINGS\CIVIL\13145-01_ZZ_SWPPP_EROS_CONT_PLANDWG 4/30/2014 3:27 PM JIM KAUNE

Rev	Date	By	Description

Sheet No:

C2.0

IIW Project No: 13145



SILT FENCE TO BE INSTALLED BY OTHERS; MAINTAINED BY SHOP SITE CONTRACTOR DURING SHOP SITE CONSTRUCTION.

CONSTRUCTION ENTRANCE TO BE INSTALLED, MAINTAINED, AND REMOVED BY SHOP SITE CONTRACTOR.

CONCRETE WASHOUT FACILITY TO BE INSTALLED, MAINTAINED, AND REMOVED BY SHOP SITE CONTRACTOR.

A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) FOR CONSTRUCTION ACTIVITIES ASSOCIATED WITH THE CONSTRUCTION OF E. B. LYONS EXPANSION PROJECT, INCLUDING CLEARING, EXCAVATION AND GRADING, PREPARATION FOR PAVING AND BUILDING CONSTRUCTION, AND ASSOCIATED UTILITY INSTALLATIONS, LOCATED IN THE SE¼, SEC. 1, T.88 N., R.2 E. AND SW¼ AND NW¼, SEC. 6, T.88 N., R.3 E, DUBUQUE COUNTY, IOWA HAS BEEN PREPARED.

A " NOTICE OF INTENT FOR NPDES COVERAGE UNDER GENERAL PERMIT NO. 2" HAS BEEN FILED WITH THE IOWA DEPARTMENT OF NATURAL RESOURCES.

ALL CONTRACTORS AND SUBCONTRACTORS THAT WILL IMPLEMENT ANY MEASURE IN THE PLAN MUST SIGN THE CERTIFICATION STATEMENT.



HORIZONTAL SCALE IN FEET
0 20 40

DRAWING MAY HAVE BEEN REDUCED

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EROSION CONTROL PLAN

EB LYONS EXPANSION PROJECT
8991 BELLEVUE HEIGHTS
DUBUQUE COUNTY, IOWA

P:\13\145\145-01\DRAWINGS\CIVIL\13145-01_ZZ_SWPPP_EROS_CTRL_PLAN.DWG 4/30/2014 3:27 PM JIM KAUNE

EROSION CONTROL LEGEND

- TEMPORARY CONSTRUCTION ENTRANCE (CE)
- CULVERT INLET PROTECTION (CIP)
- INLET PROTECTION (IP)
- ROCK CHECK DAM (CD)
- SILT FENCE OR FILTER SOCK (SF)
- CONCRETE WASHOUT FACILITY (CW)

Rev	Date	By	Description

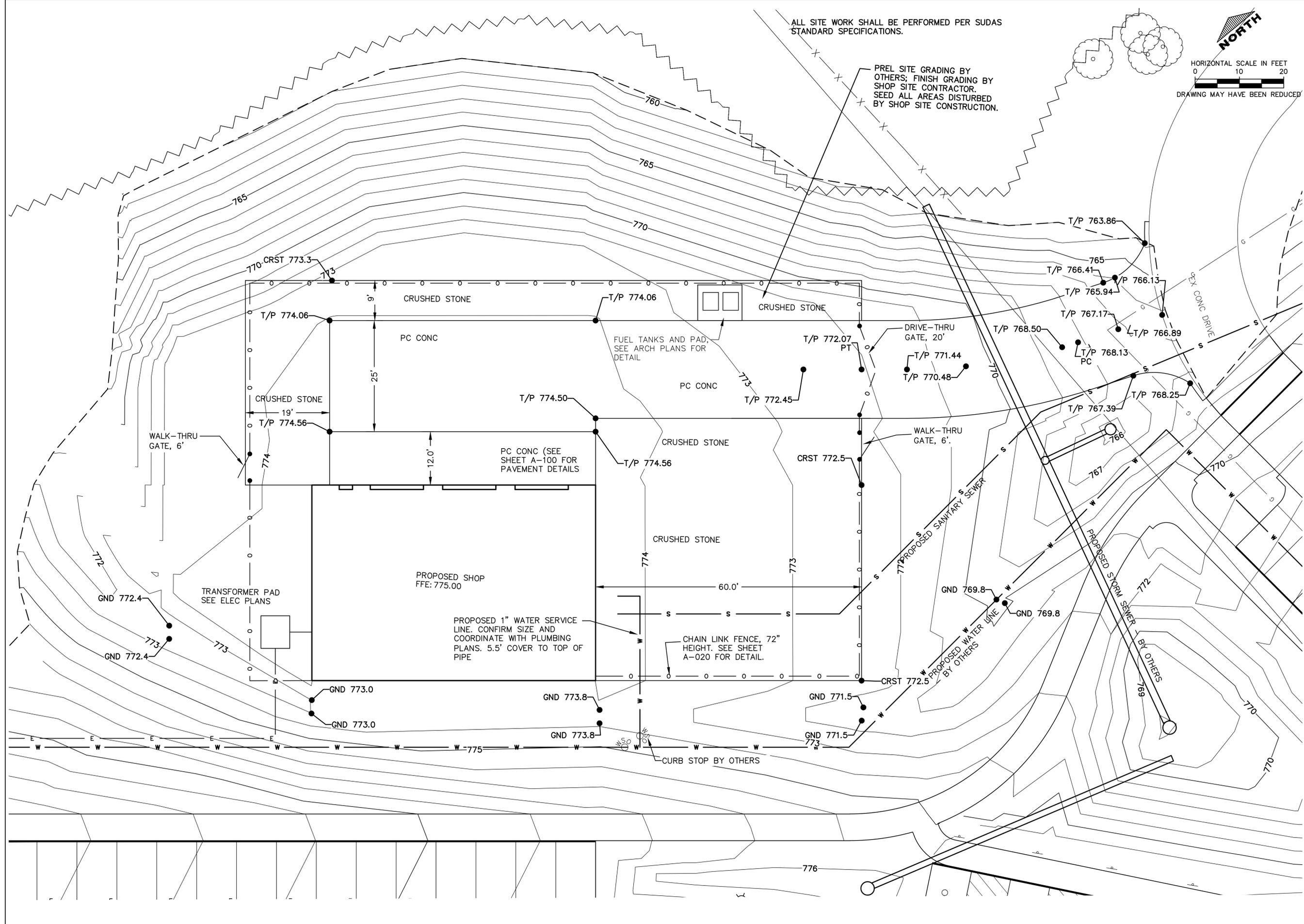
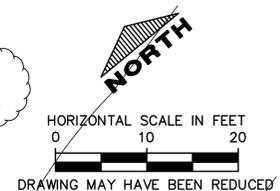
Sheet No: **C2.1**
IIW Project No: 13145

Project Description:

Drawing Issue Information
Project Mgr: JPN
Issued For Bidding: .
Drawn By: JPK
Issued For Construction: .

ALL SITE WORK SHALL BE PERFORMED PER SUDAS STANDARD SPECIFICATIONS.

PREL SITE GRADING BY OTHERS; FINISH GRADING BY SHOP SITE CONTRACTOR. SEED ALL AREAS DISTURBED BY SHOP SITE CONSTRUCTION.



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SHOP SITE PLAN

EB LYONS EXPANSION PROJECT
8991 BELLEVUE HEIGHTS
DUBUQUE COUNTY, IOWA

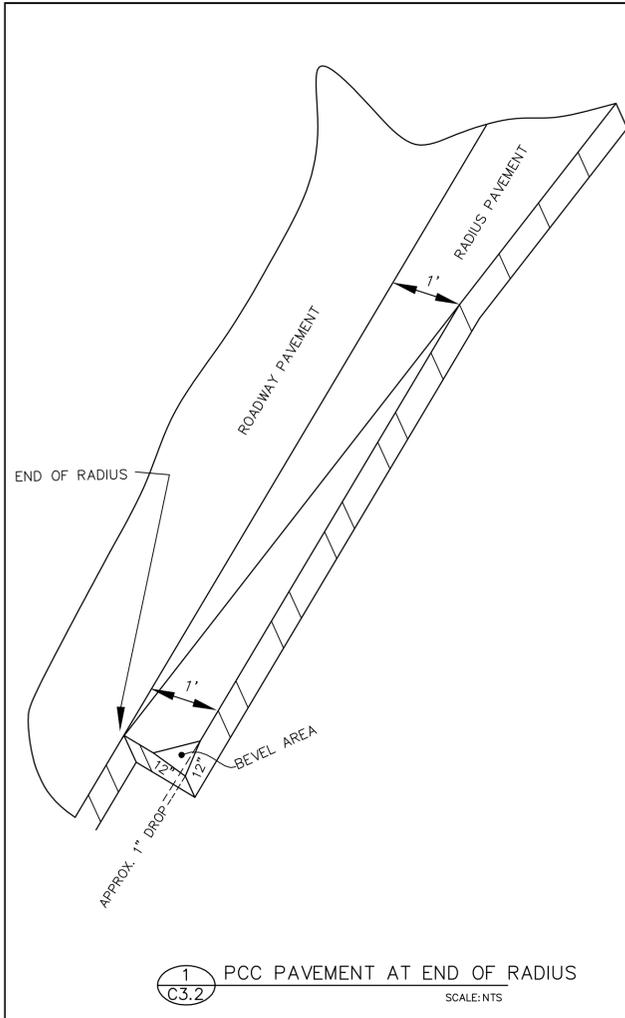
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Rev	Description	Date	By

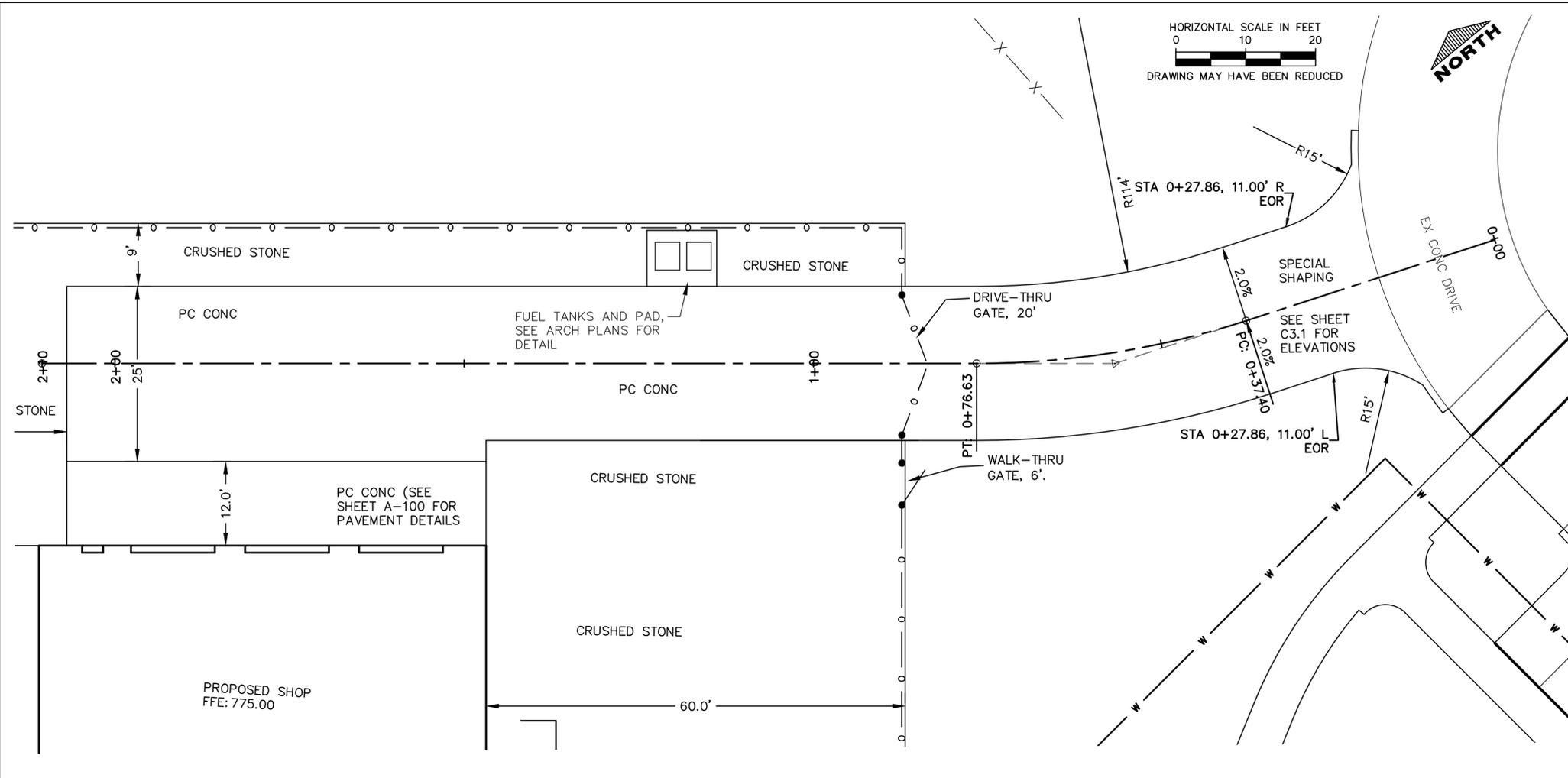
Drawing Issue Information:
Project Mgr:
Issued For Bidding:
Drawn By:
Issued For Construction:

Sheet No: **C3.1**

IIV Project No: 13145



1
C3.2 PCC PAVEMENT AT END OF RADIUS
SCALE: NTS

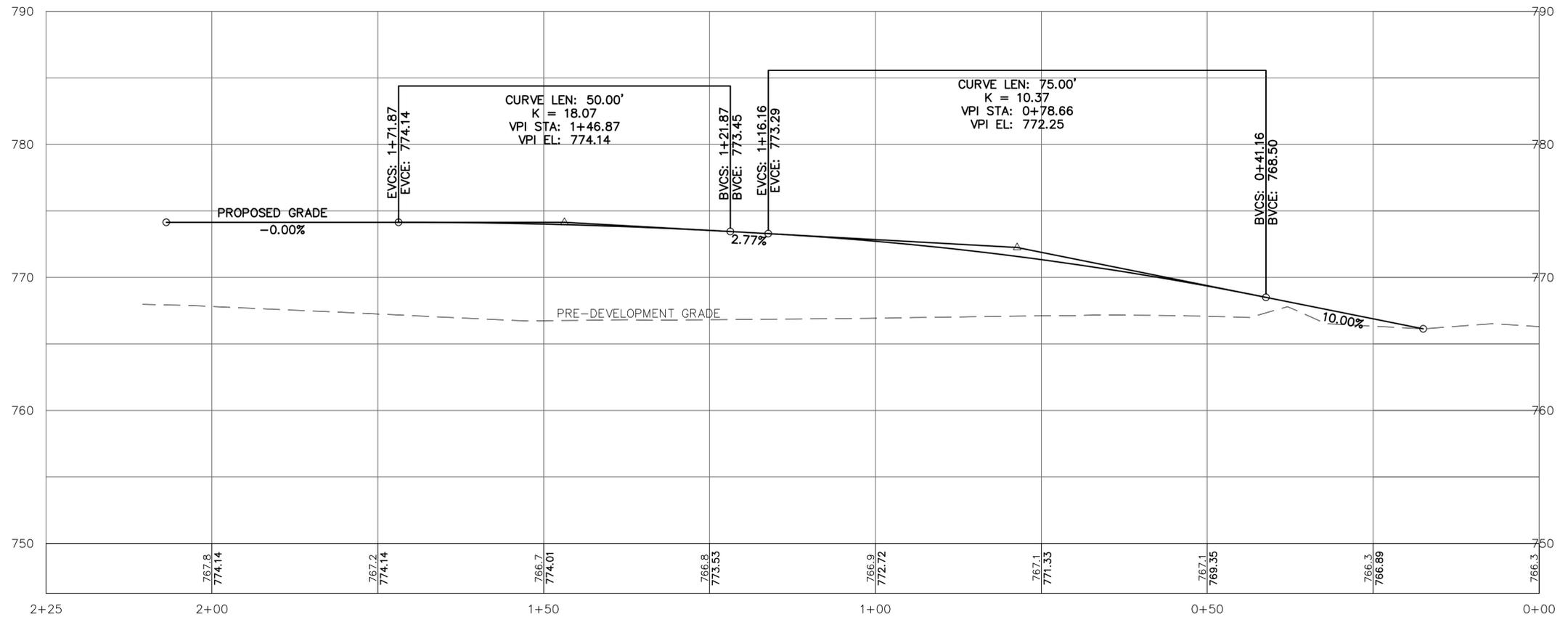


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SHOP - DRIVE PROFILE

EB LYONS EXPANSION PROJECT
8991 BELLEVUE HEIGHTS
DUBUQUE COUNTY, IOWA

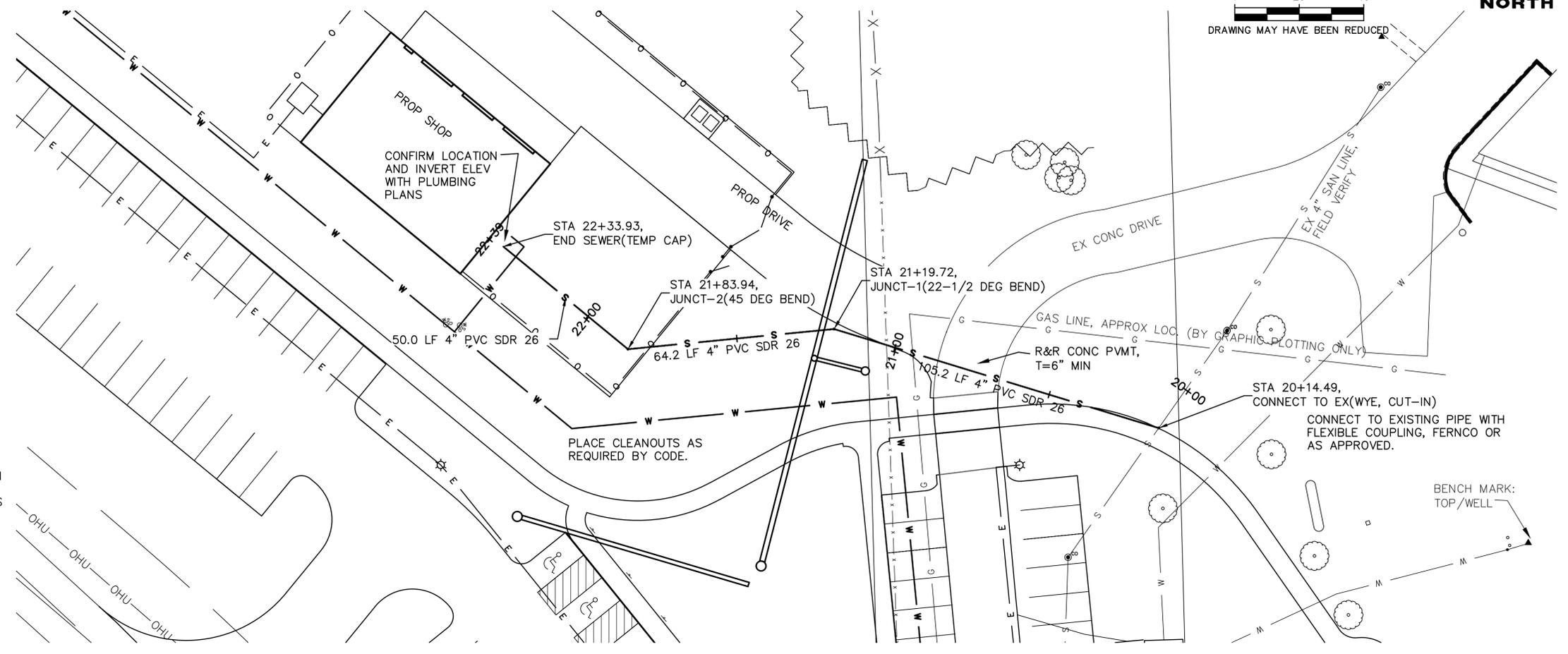
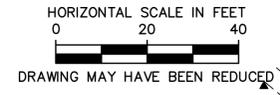


VERTICAL SCALE IN FEET
DRAWING MAY HAVE BEEN REDUCED

Rev	Description	Date	By

Sheet No:
C3.2
IIV Project No: 13145

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UTILITY NOTE

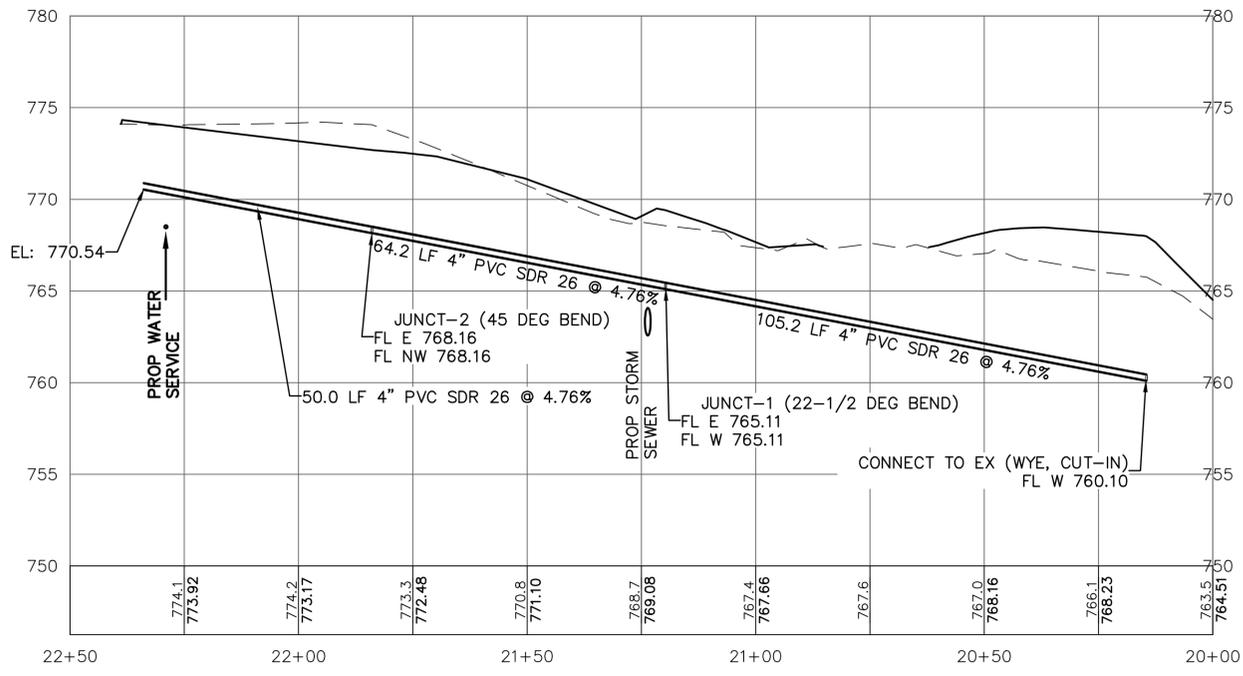
THE LOCATIONS OF THE EXISTING UTILITIES SHOWN ARE APPROXIMATE ONLY. THE UTILITIES PRESENT MAY NOT EXIST AS SHOWN. ADDITIONAL FACILITIES OTHER THAN THOSE SHOWN MAY BE PRESENT. IT SHALL BE THE RESPONSIBILITY OF ANYONE USING THIS DOCUMENT TO ASCERTAIN THE EXACT LOCATION, SIZE, TYPE, MATERIAL, AND ELEVATION OF ALL UTILITIES THAT MAY BE PRESENT.

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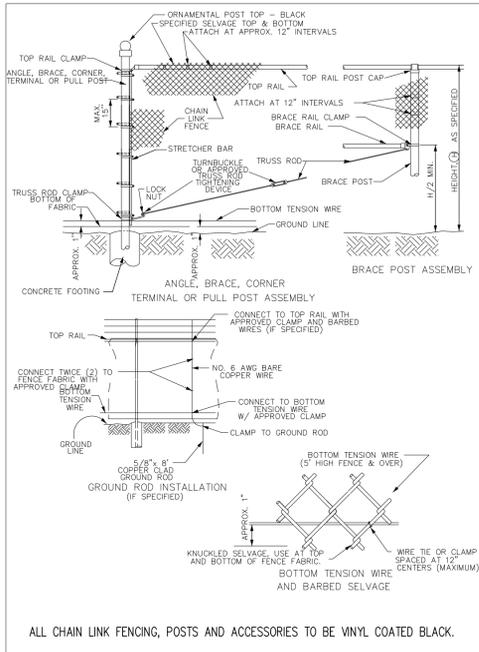
SANITARY SEWER SERVICE LINE
 EB LYONS EXPANSION PROJECT
 8991 BELLEVUE HEIGHTS
 DUBUQUE COUNTY, IOWA
 P:\13\145\145-01\DRAWINGS\CIVIL\DNR SUBMITTAL\13145-ZZ-SANITARY SEWER.DWG 4/30/2014 3:29 PM JIM KAUNE

SANITARY SEWER SERVICE LINE SHALL BE INSTALLED PER SUDAS STANDARD SPECIFICATIONS AND CITY OF DUBUQUE 2014 SUPPLEMENTAL SPECIFICATIONS. BEDDING SHALL BE CLASS F-3 WITH CLASS I BEDDING MATERIALS, PER FIGURE 3010.103. FINAL TRENCH BACKFILL, FROM 1' ABOVE TOP OF PIPE, SHALL BE CLASS III (PER CITY SPEC) WHERE PIPE IS UNDER PAVEMENT OR STONE STORAGE YARD AND CLASS IVA (SUITABLE ON-SITE MATERIAL) ELSEWHERE.

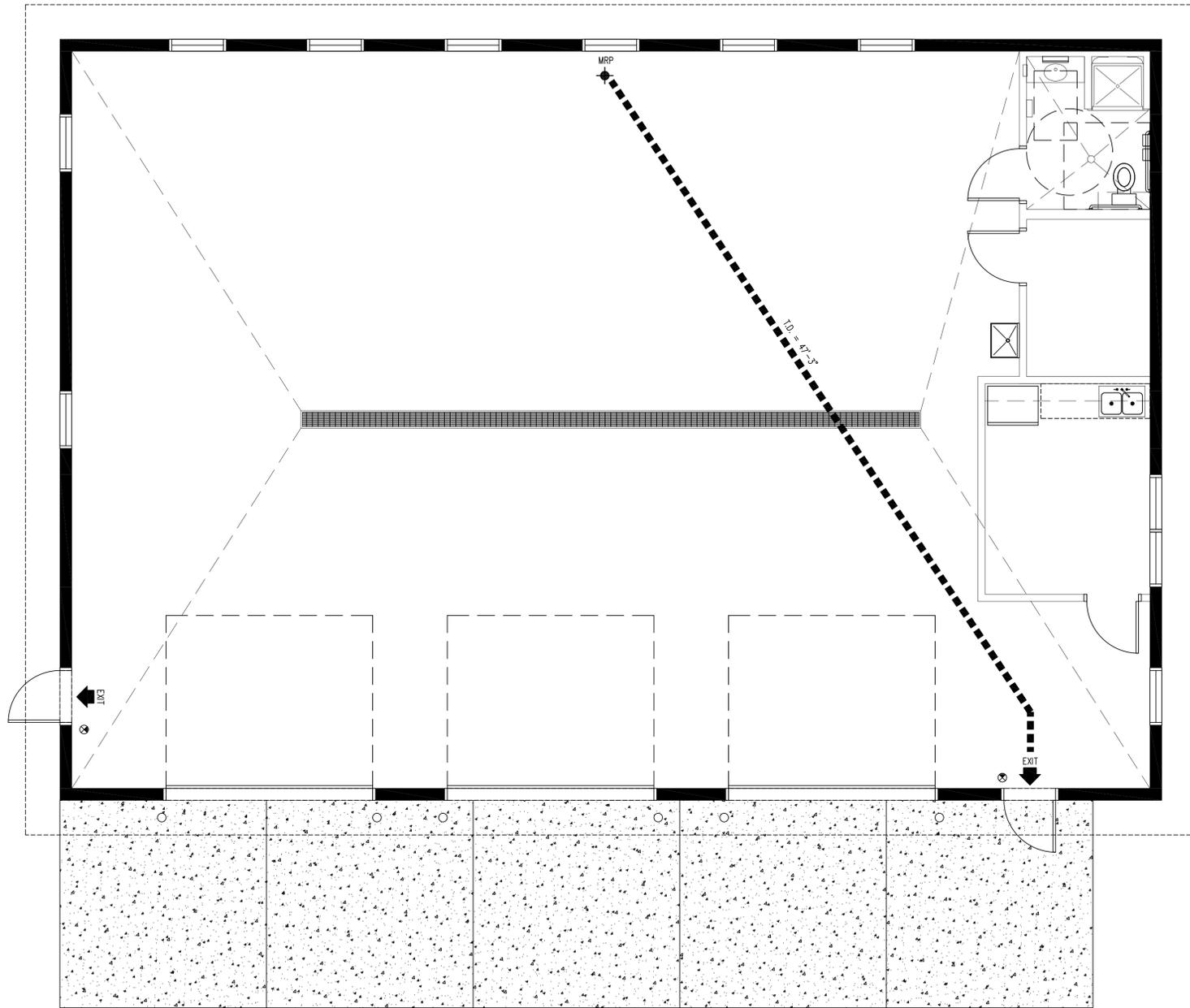


Rev	Date	By	Description

Sheet No: **C5.1**
 I.I.W. Project No: 13145



03 DETAIL - PERIMETER FENCING
SCALE: NTS



01 LIFE SAFETY PLAN
SCALE: 1/4" = 1'-0"

02 NOT USED
SCALE: NTS

CODE SUMMARY

BUILDING AREA	2,816 GSF	ALLOWABLE BLDG AREA (IBC TBL 503)	REQUIRED	PROVIDED
TENANT AREA	2,523 NSF		17,500 SF	2,523 SF
CONSTRUCTION TYPE	V-B WITHOUT SPRINKLER SYSTEM			
OCCUPANCY	GROUP S-1 - STORAGE			
		HEIGHT LIMITATION (IBC TBL 503)	2 STORIES (40')	1 STORIES (20')
		AUTOMATIC SPRINKLER SYSTEM (NFPA 13)	NO	NO
		EXIT ACCESS TRAVEL DISTANCE (IBC 1016.1)	200'-0"	47'-3"
		EXIT ACCESS DOORWAYS (IBC TBL 1019.1)	1	1
		EGRESS WIDTH PER OCCUPANT (IBC TBL 1005.1) LEVEL [.2]	(2') x 13 = 2.6"	2 DOORS @ 36" = 72"

LIFE SAFETY LEGEND

SYMBOL	DESCRIPTION	LINE TYPE
---	EXIT TO EXIT IN LINEAR FEET	---
■■■■■■■■■■	TRAVEL DISTANCE FROM M.R.P.	■■■■■■■■■■
---	DIAGONAL DISTANCE	---
⊗	EXIT LIGHT	
◆	M.R.P. MOST REMOTE POINT	◆
↑	EXIT / ENTRY	
⊠	FIRE EXTINGUISHER	

GENERAL NOTES

- a. INFORMATION PROVIDED ON THE LIFE SAFETY PLAN INDICATES EGRESS REQUIREMENTS.
- b. ALL CODE REFERENCES ARE FROM INTERNATIONAL BUILDING CODE, W/ AMENDMENTS UNLESS OTHERWISE NOTED

IOWA DEPARTMENT OF
NATURAL RESOURCES

ENGINEERING SERVICES - WALLACE BUILDING
502 E. 9TH ST., DES MOINES, IA 50319-0034
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LIFE SAFETY PLAN

NEW SHOP BUILDING (REBID) FOR:
MINES OF SPAIN SRA:

DUBUQUE COUNTY, IOWA

8991 BELLEVUE HEIGHTS

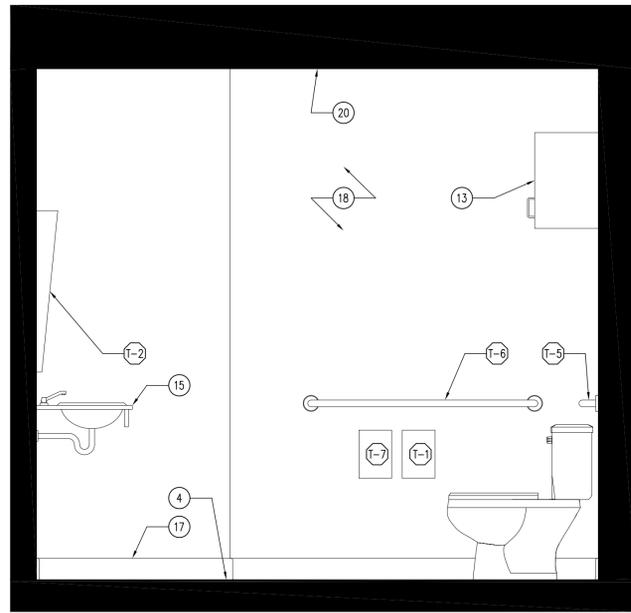
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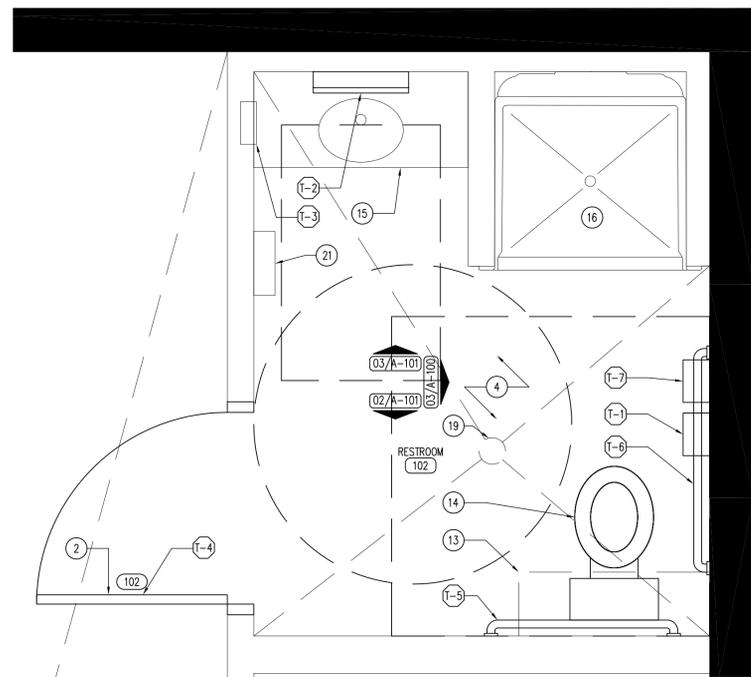
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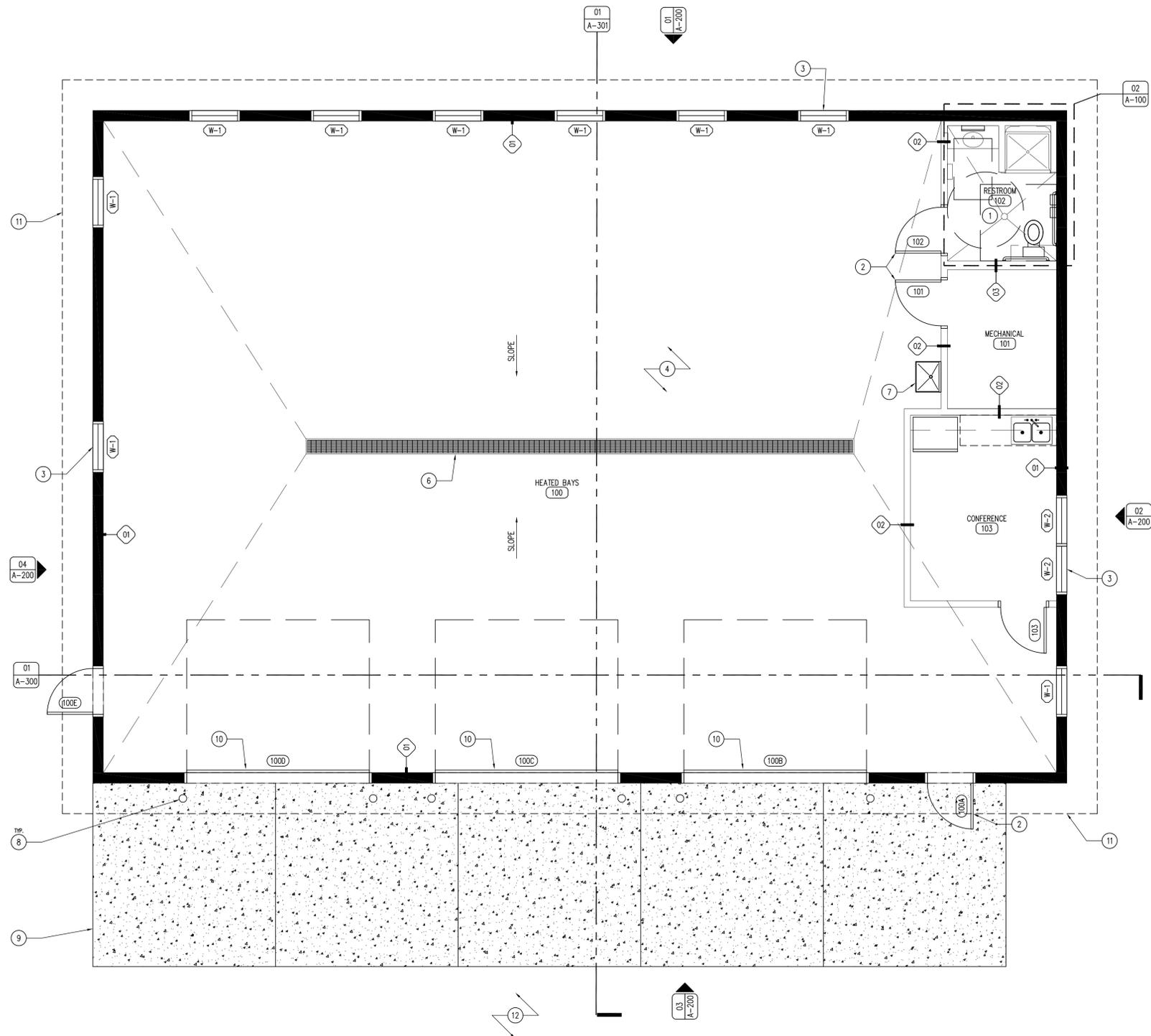
A-020



03 RESTROOM ELEVATION
SCALE: 3/4" = 1'-0"



02 ENLARGED FLOOR PLAN
SCALE: 3/4" = 1'-0"



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

TOILET ACCESSORY SCHEDULE

- ALL MODEL NUMBERS BASED ON BOBRICK "CONTRA SERIES" WASHROOM EQUIPMENT UNLESS OTHERWISE NOTED.
- (T-2) SURFACE-MOUNTED MULTI-ROLL TOILET TISSUE DISPENSER B-4388
 - (T-3) ANGLE-FRAMED MIRROR - MOUNT BOTTOM EDGE OF MIRROR 40" A.F.F. B-290 3636
 - (T-4) RECESSED SOAP DISPENSER B-4063
 - (T-5) SINGLE COAT HOOK - CENTER ON DOOR B-6717
 - (T-6) CONCEALED MOUNTING WITH SNAP FLANGE GRAB BAR B-6806 x 36
 - (T-7) CONCEALED MOUNTING WITH SNAP FLANGE GRAB BAR B-6806 x 42
 - (T-8) SANITARY NAPKIN DISPOSAL CONTAINER B-270

KEYNOTES

1. UNI-SEX RESTROOM, REFER TO ENLARGED FLOOR PLAN AND SCHEDULE OF TOILET ACCESSORIES.
2. DOOR AS SCHEDULED, REFER TO SHEET A-600.
3. WINDOW AS SCHEDULED, REFER TO SHEET A-600.
4. FLOOR FINISH AS SCHEDULED. REFER TO ROOM FINISH SCHEDULE SHEET A-600.
5. NOT USED.
6. TOUGH DRAIN WITH OIL SEPARATOR, REFER TO PLUMBING DRAWINGS.
7. UTILITY SINK. REFER TO PLUMBING DRAWINGS.
8. STEEL TRAFFIC BOLLARDS, REFER TO DETAIL 02/A-020.
9. 6" CONCRETE SLAB APRON, #4 24" O.C. BOTH DIRECTIONS, REFER TO DIMENSION PLAN A-101.
10. OVERHEAD GARAGE DOOR. REFER TO DOOR SCHEDULE SHEET A-600.
11. ROOF LINE ABOVE.
12. CRUSHED LIMESTONE EQUIPMENT YARD WITH 8'-0" CHAINLINK PERIMETER FENCE, REFER TO CIVIL PLANS.
13. 3/4" HARD MAPLE PLYWOOD CABINET WITH PLYWOOD DOOR ON CONCEALED HINGES (WD-1). PROVIDE DECORATIVE HARDWARE WIRE PULLS. REFER TO FINISH SCHEDULE.
14. ADA COMPLIANT TOILET AS SCHEDULED. REFER TO PLUMBING DRAWINGS.
15. ADA COMPLIANT INTEGRAL LAVATORY AND SOLID SURFACE COUNTER AS SHOWN. COLOR OF COUNTER TOP TO BE DETERMINED, CONTRACTOR TO PROVIDE SCAULD GUARDS AND SIGNAGE.
16. ADA COMPLIANT SHOWER SURROUND WITH TRANSLUCENT DOOR AS SCHEDULED. REFER TO PLUMBING DRAWINGS.
17. RUBBER WALL BASE AS SCHEDULED, REFER TO FINISH SCHEDULE SHEET A-600.
18. WALL FINISH AS SCHEDULED. REFER TO FINISH SCHEDULE A-600.
19. FLOOR DRAIN, REFER TO PLUMBING DRAWINGS.
20. CEILING AS SCHEDULED. REFER TO REFLECTED CEILING PLAN SHEET A-110.
21. AUTOMATIC HAND DRYER, REFER TO MECHANICAL DRAWINGS.

GENERAL NOTES

- A. REFER TO FINISH SCHEDULE, SHEET A-600.
- B. REFER TO DOOR SCHEDULE, SHEET A-600.
- C. REFER TO REFLECTED CEILING PLAN FOR CEILING HEIGHTS, SHEET A-110.
- D. REFER TO INDEX SHEET FOR WALL TYPES, SHEET A-002.
- E. FIELD VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION, SHEET A-101.
- F. FIELD VERIFY EQUIPMENT LOCATIONS FOR ELECTRICAL OUTLET LOCATIONS. REFER TO ELECTRICAL PLAN.
- G. CONTRACTOR TO HAVE THIS BUILDING, PRIOR TO CONSTRUCTION, PRE-ENGINEERED BY BUILDING SUPPLIER, WHETHER IT BE STRUCTURAL INSULATED PANEL OR POLE-BUILDING CONSTRUCTION. MUST HAVE ENGINEER'S SIGNATURE & SEAL ON SUBMITTED DRAWINGS.
- H. ALL METAL TRIM, SOFFITS, FASCIA AND DOORS TO MATCH ROOF COLOR, DARK BRONZE. CEMENT BOARD TRIM AROUND DOORS AND WINDOWS TO BE DARK BRONZE, BUILDING CORNERS TO MATCH SIDING COLOR.
- I. CONTRACTOR SHALL DEMOLISH AND REMOVE EXISTING SHOP TO THE SOUTH ONCE NEW SHOP IS COMPLETE.

CONSULTANT:

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NATURAL RESOURCES

ENGINEERING SERVICES - WALLACE BUILDING
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REFERENCE FLOOR PLAN

NEW SHOP BUILDING (REBID) FOR:
MINES OF SPAIN SRA:

DUBUQUE COUNTY, IOWA

8991 BELLEVUE HEIGHTS

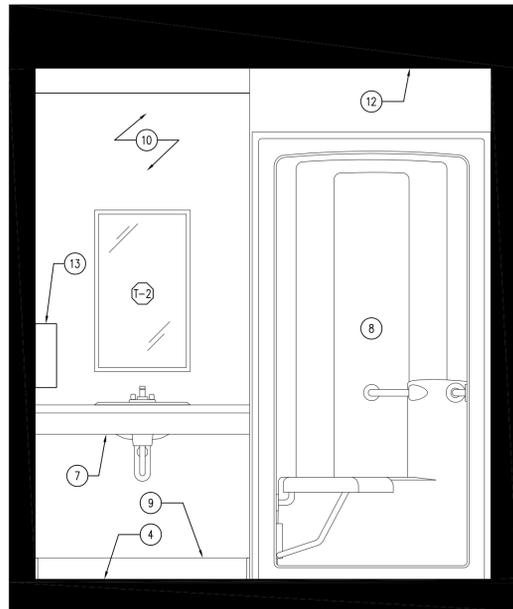
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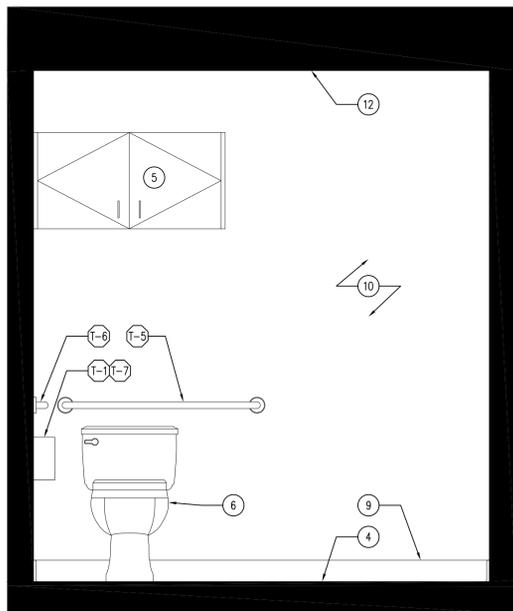
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06.24.2014

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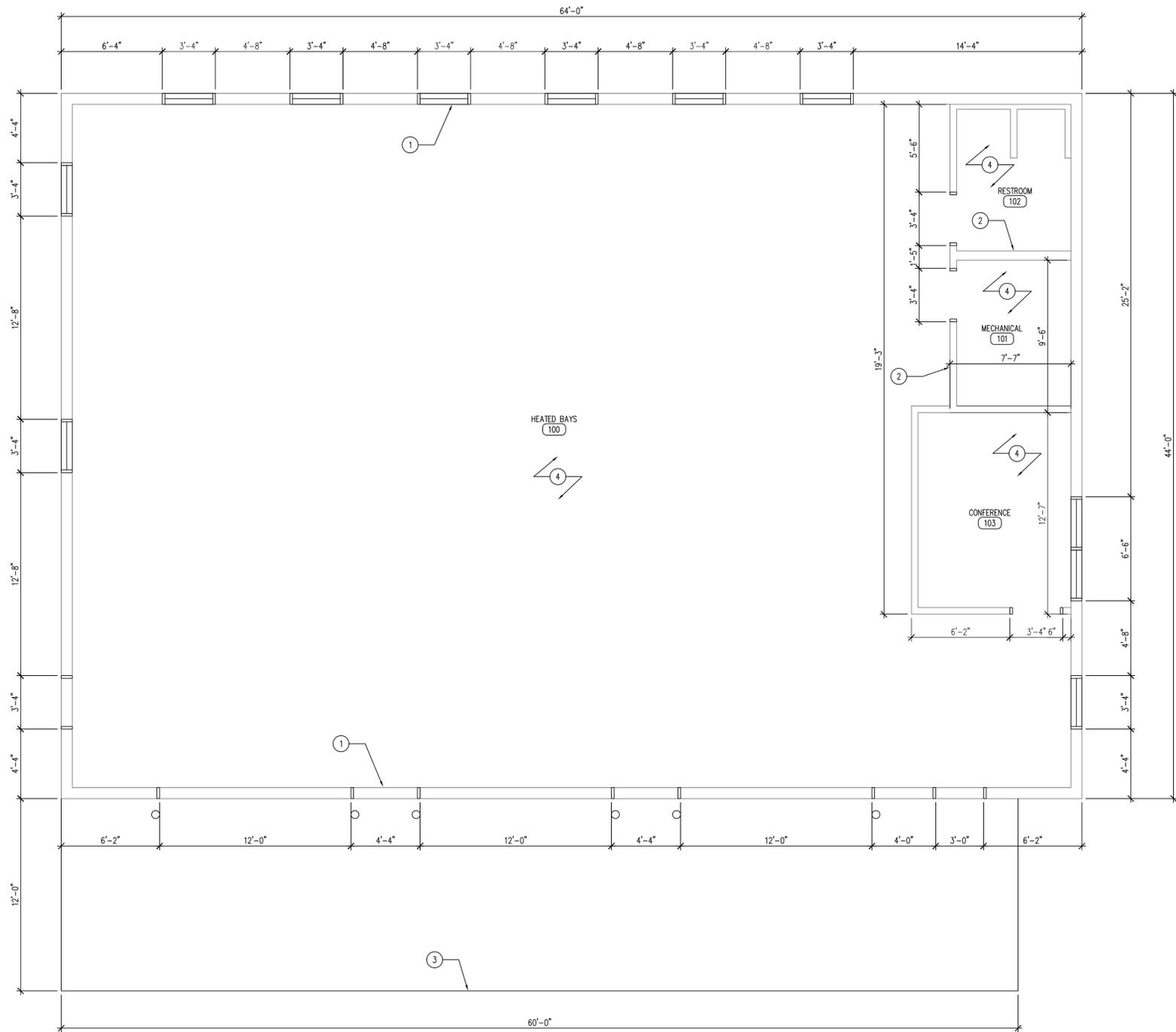
A-100



03 RESTROOM ELEVATION
SCALE: 3/4" = 1'-0"



02 RESTROOM ELEVATION
SCALE: 3/4" = 1'-0"



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

TOILET ACCESSORY SCHEDULE

- ALL MODEL NUMBERS BASED ON BOBRICK "CONTRA SERIES" WASHROOM EQUIPMENT UNLESS OTHERWISE NOTED.
- T-1 SURFACE-MOUNTED MULTI-ROLL TOILET TISSUE DISPENSER
B-4388
 - T-2 ANGLE-FRAMED MIRROR - MOUNT BOTTOM EDGE OF MIRROR 40" A.F.F.
B-290 36.36
 - T-3 RECESSED SOAP DISPENSER
B-4063
 - T-4 SINGLE COAT HOOK - CENTER ON DOOR
B-6717
 - T-5 CONCEALED MOUNTING WITH SNAP FLANGE GRAB BAR
B-6806 x 36
 - T-6 CONCEALED MOUNTING WITH SNAP FLANGE GRAB BAR
B-6806 x 42
 - T-7 SANITARY NAPKIN DISPOSAL CONTAINER
B-270

KEYNOTES

1. STRUCTURAL INSULATED PANEL WALL.
2. INTERIOR METAL STUD WALL.
3. CONCRETE APRON.
4. FINISHED FLOOR. REFER TO ROOM FINISH SCHEDULE SHEET A-600.
5. 3/4" HARD MAPLE PLYWOOD CABINET WITH PLYWOOD DOOR ON CONCEALED HINGES (WD-1). PROVIDE DECORATIVE HARDWARE WIRE PULLS. REFER TO FINISH SCHEDULE.
6. ADA COMPLIANT TOILET AS SCHEDULED. REFER TO PLUMBING DRAWINGS.
7. ADA COMPLIANT INTEGRAL LAVATORY AND SOLID SURFACE COUNTER AS SHOWN. COLOR OF COUNTER TOP TO BE DETERMINED, REFER TO PLUMBING DRAWINGS.
8. ADA COMPLIANT SHOWER SURROUND WITH TRANSLUCENT DOOR AS SCHEDULED. REFER TO PLUMBING DRAWINGS.
9. RUBBER WALL BASE AS SCHEDULED, REFER TO FINISH SCHEDULE SHEET A-600.
10. WALL FINISH AS SCHEDULED. REFER TO FINISH SCHEDULE A-600.
11. FLOOR DRAIN, REFER TO PLUMBING DRAWINGS.
12. CEILING AS SCHEDULED. REFER TO REFLECTED CEILING PLAN SHEET A-110.
13. AUTOMATIC HAND DRYER, REFER TO MECHANICAL DRAWINGS.

GENERAL NOTES

- A. REFER TO FINISH SCHEDULE, SHEET A-600.
- B. REFER TO DOOR SCHEDULE, SHEET A-600.
- C. REFER TO REFLECTED CEILING PLAN FOR CEILING HEIGHTS, SHEET A-110.
- D. REFER TO INDEX SHEET FOR WALL TYPES, SHEET A-002.
- E. FIELD VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION, SHEET A-101.
- F. FIELD VERIFY EQUIPMENT LOCATIONS FOR ELECTRICAL OUTLET LOCATIONS. REFER TO ELECTRICAL PLAN.
- G. REFER TO FINISH SCHEDULE SHEET FOR COLOR AND MATERIAL SELECTIONS, SHEET A-600.
- H. CONTRACTOR TO HAVE THIS BUILDING, PRIOR TO CONSTRUCTION, PRE-ENGINEERED BY BUILDING SUPPLIER, WHETHER IT BE STRUCTURAL INSULATED PANEL OR POLE-BUILDING CONSTRUCTION. MUST HAVE ENGINEER'S SIGNATURE & SEAL ON SUBMITTED DRAWINGS.

DIMENSION FLOOR PLAN

NEW SHOP BUILDING (REBID) FOR:
MINES OF SPAIN SRA:

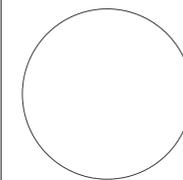
DUBUQUE COUNTY, IOWA
8991 BELLEVUE HEIGHTS

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502 E. 9TH ST., DES MOINES, IA 50319-0034
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F: 515.281.8685



CONSULTANT:



DIMENSION FLOOR PLAN

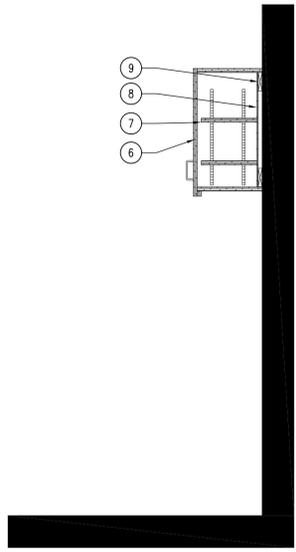
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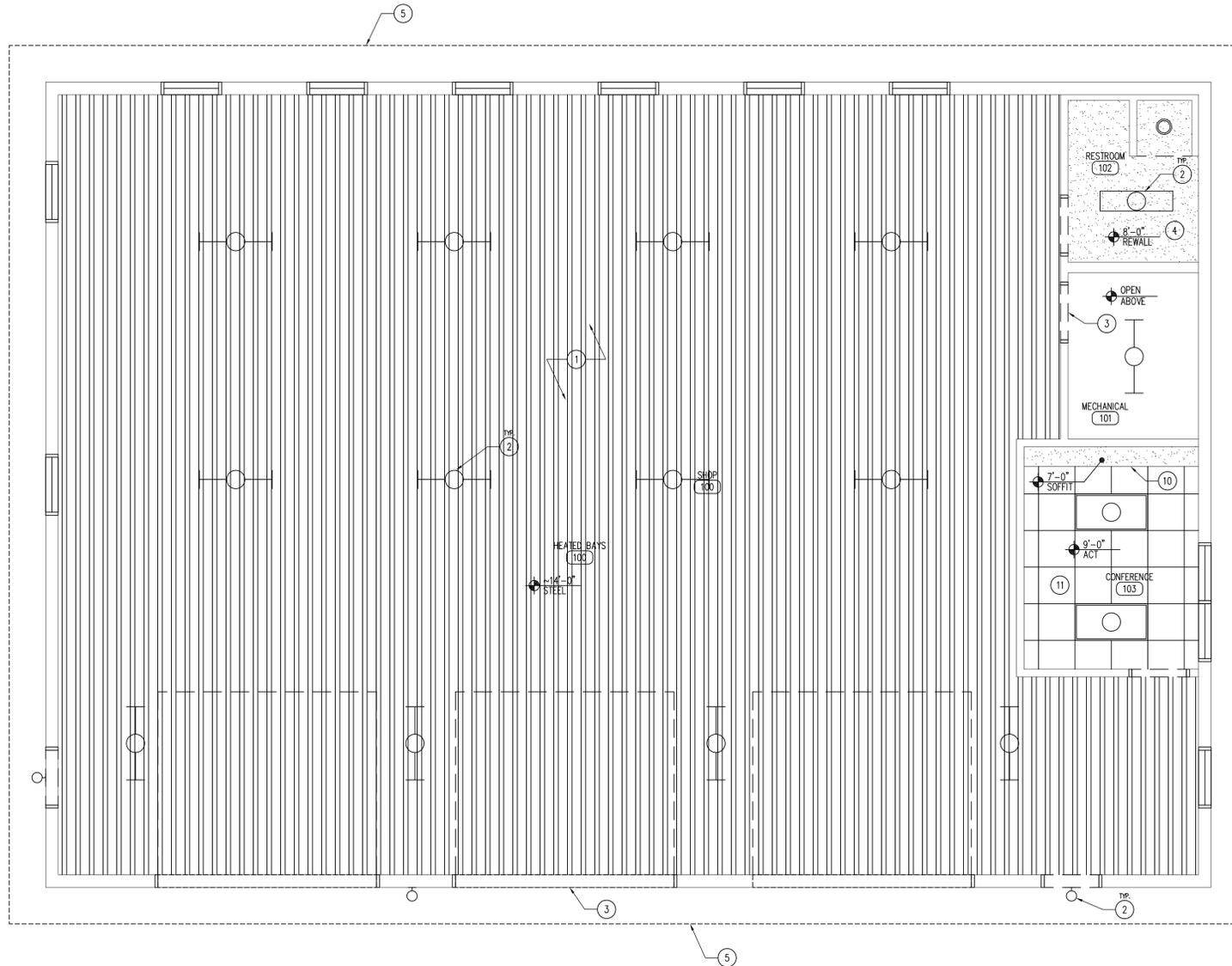
CHK'D BY: DATE:
06.24.2014

SHEET No:

A-101



03 MILLWORK SECTION
SCALE: 3/4" = 1'-0"



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

02 NOT USED
SCALE: 3/4" = 1'-0"

LEGEND

-  GYPSUM BOARD
-  29 GAUGE STEEL LINER
-  2' x 4' FLUORESCENT LIGHT FIXTURE SURFACE MOUNTED
-  FLUORESCENT / LED CAN LIGHT FIXTURE
-  WALL SCONCE
-  FLUORESCENT LIGHT FIXTURE

KEYNOTES

1. 29 GAUGE STEEL LINER PANEL, WHITE.
2. ELECTRICAL LIGHT FIXTURE. REFER TO ELECTRICAL DRAWINGS FOR FIXTURE SPECIFICATIONS AND POWER REQUIREMENTS.
3. DOOR HEADER BELOW.
4. 1/2" REWALL ESSENTIAL BOARD HARD CEILING SUPPORTED BY 2X BLOCKING.
5. FLUSH SOFFIT PANELS TO MATCH STANDING SEAM METAL ROOF.
6. 3/4" PLYWOOD DOOR ON CONCEALED HINGES WITH WOOD VENEER (ND-1). PROVIDE DECORATIVE HARDWARE WIRE PULLS, AGED BRONZE; REFER TO FINISH SCHEDULE SHEET A-600.
7. 3/4" PLYWOOD SHELF WITH PLASTIC LAMINATE (PL-1) WITH HARDWOOD EDGE BANDING. PROVIDE ADJUSTABLE HARDWARE.
8. 1/4" PLYWOOD BACKER BOARD WITH PLASTIC LAMINATE (PL-1).
9. 2X WOOD BLOCKING AS NEEDED.
10. OVERHEAD SOFFIT AREA.
11. 2' x 2' x 3/4", ARMSTRONG, ULTIMA TEGULAR 1911, ACOUSTICAL CEILING TILE WITH PRELUDE 15/16" SUSPENSION SYSTEM.

GENERAL NOTES

- A. MECHANICAL AND ELECTRICAL DEVICES ARE SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS.
- B. REFER TO SHEET A-600 FOR FINISH SCHEDULE.
- C. CONTRACTOR SHALL INCLUDE ATTIC ACCESS IN GARAGE AREA AS REQUIRED BY CODE. LOCATION TO BE DETERMINED BY DNR INSPECTOR.
- D. ONE LAYER OF 5/8" TYPE X GYPSUM SHALL BE INSTALLED THROUGHOUT THE ENTIRE BUILDING TO THE BOTTOM OF THE TRUSS CHORDS TO ALLOW FOR THE APPLICATION OF THE INSULATION IN THE ATTIC SPACE.

CONSULTANT:

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REFLECTED CEILING PLAN

NEW SHOP BUILDING (REBID) FOR:
MINES OF SPAIN SRA:

DUBUQUE COUNTY, IOWA

8991 BELLEVUE HEIGHTS

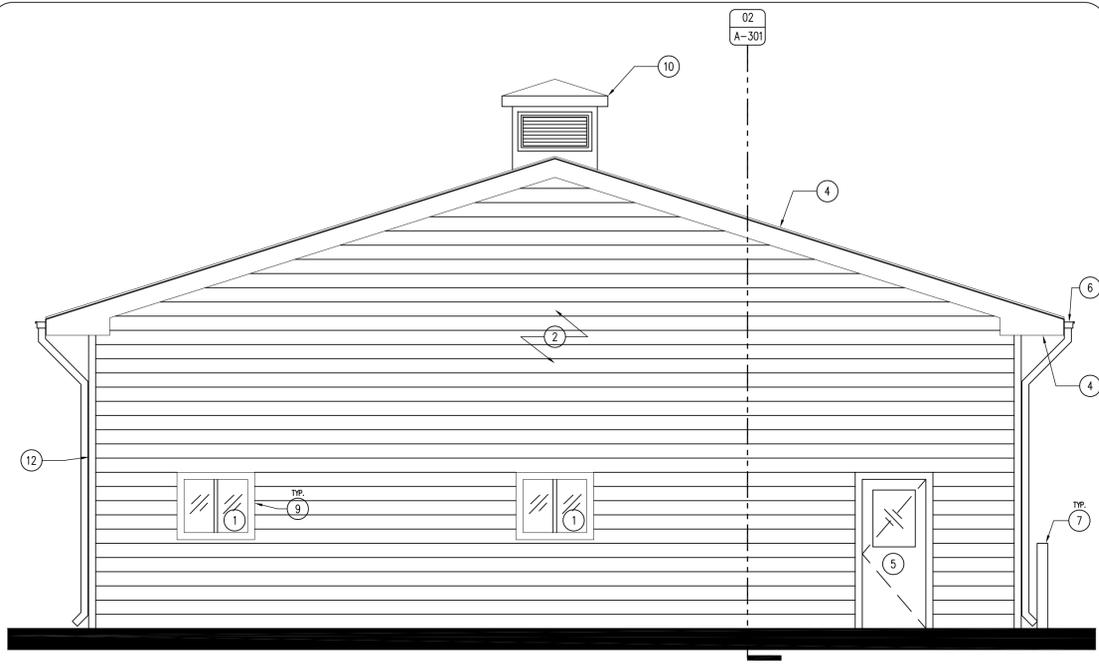
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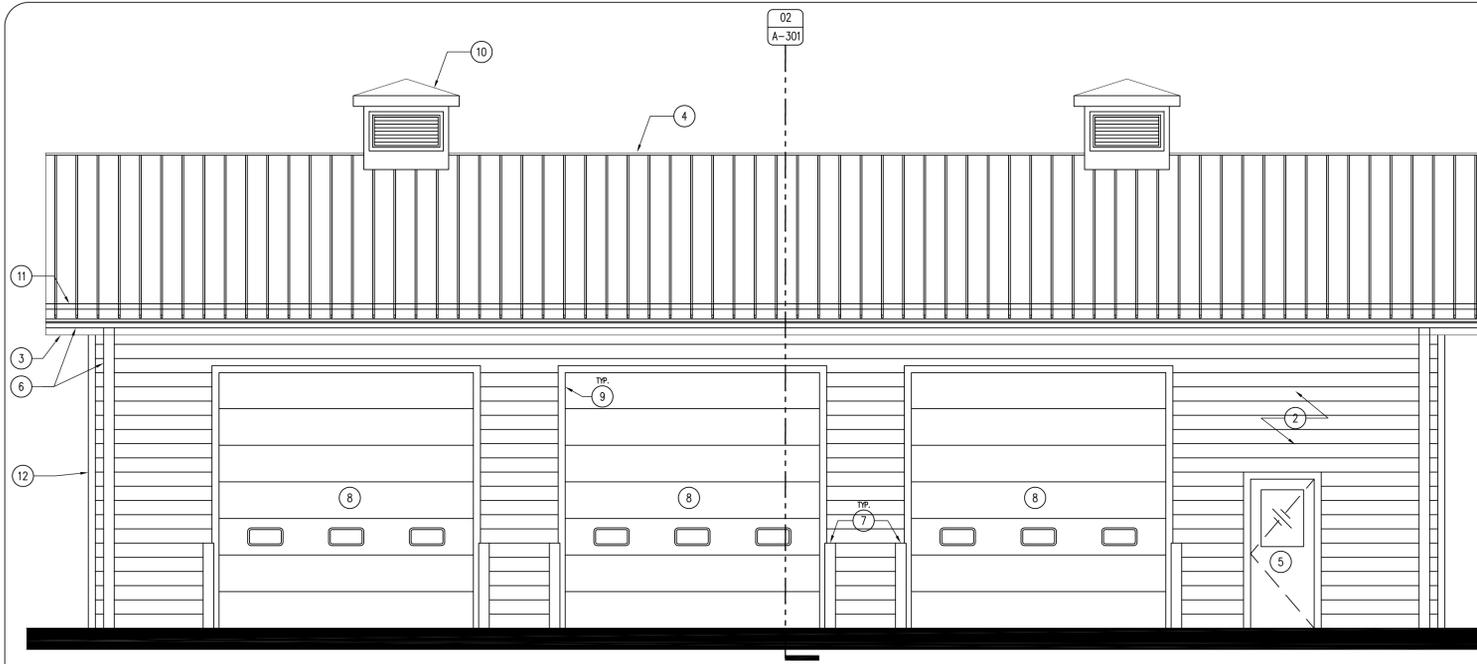
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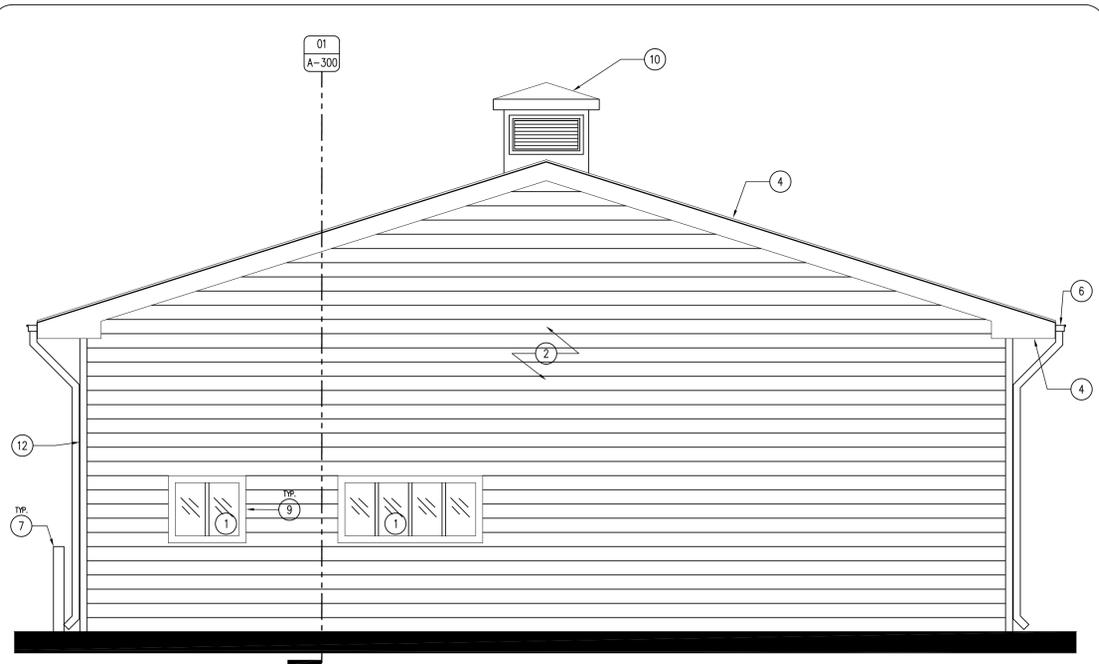
A-110



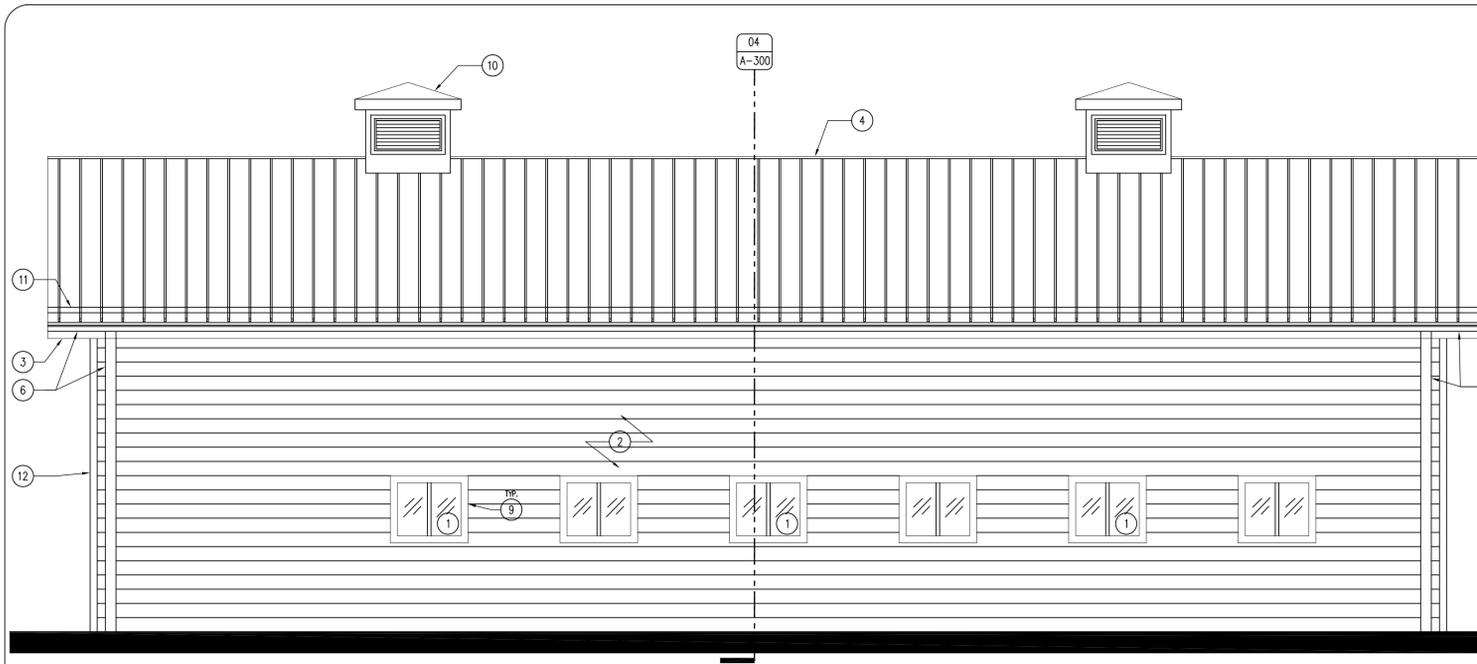
04 EXTERIOR ELEVATION - WEST
SCALE: 1/4" = 1'-0"



03 EXTERIOR ELEVATION - SOUTH
SCALE: 1/4" = 1'-0"



02 EXTERIOR ELEVATION - EAST
SCALE: 1/4" = 1'-0"



01 EXTERIOR ELEVATION - NORTH
SCALE: 1/4" = 1'-0"

KEYNOTES

1. ANDERSEN 100, DARK BRONZE, WINDOW AS SCHEDULED. REFER TO SHEET A-600.
2. CERTAINTED 8 1/2" REVEAL CEDAR HORIZONTAL CEMENT BOARD SIDING. COLOR TO BE DETERMINED, SUBMIT SAMPLES.
3. SOFFIT AND FASCIA METAL PANEL. COLOR TO MATCH ROOF.
4. 24 GAUGE PAC-CLAD SNAP-CLAD METAL ROOF OVER 3/4" SHEATHING AND WATER AND ICE SHIELD. COLOR TO BE DARK BRONZE.
5. DOOR AS SCHEDULED. REFER TO SHEET A-600.
6. METAL GUTTER AND DOWNSPOUT SYSTEM TO MATCH ROOF, FASCIA AND SOFFIT.
7. TRAFFIC BOLLARD WITH PLASTIC COVER SLEEVE, SEE DETAIL 04/A-301.
8. INSULATED OVERHEAD GARAGE DOOR. REFER TO DOOR SCHEDULE SHEET A-600.
9. 6" CERTAINTED CEDAR TRIM, DARK BRONZE.
10. CUPOLA BY BUILDING MANUFACTURER, TO MATCH ROOF.
11. METAL SNOW GUARD BARS OVER ENTIRE PERIMETER OF ROOF, COLOR TO MATCH ROOF.
12. 6" CERTAINTED CEDAR CORNER TRIM, MATCH SIDING COLOR.

GENERAL NOTES

- A. REFER TO FINISH SCHEDULE, SHEET A-600.
- B. REFER TO DOOR SCHEDULE, SHEET A-600.
- C. REFER TO REFLECTED CEILING PLAN FOR CEILING HEIGHTS, SHEET A-110.
- D. REFER TO INDEX SHEET FOR WALL TYPES, SHEET A-002.
- E. FIELD VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION, SHEET A-101.
- F. FIELD VERIFY EQUIPMENT LOCATIONS FOR ELECTRICAL OUTLET LOCATIONS. REFER TO ELECTRICAL PLAN.
- G. CONTRACTOR TO HAVE THIS BUILDING, PRIOR TO CONSTRUCTION, PRE-ENGINEERED BY BUILDING SUPPLIER, WHETHER IT BE STRUCTURAL INSULATED PANEL OR POLE-BUILDING CONSTRUCTION. MUST HAVE ENGINEER'S SIGNATURE & SEAL ON SUBMITTED DRAWINGS.
- H. ALL METAL TRIM, SOFFITS, FASCIA AND DOORS TO MATCH ROOF COLOR, DARK BRONZE. CEMENT BOARD TRIM AROUND DOORS AND WINDOWS TO BE DARK BRONZE, BUILDING CORNERS TO MATCH SIDING COLOR.

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EXTERIOR ELEVATIONS

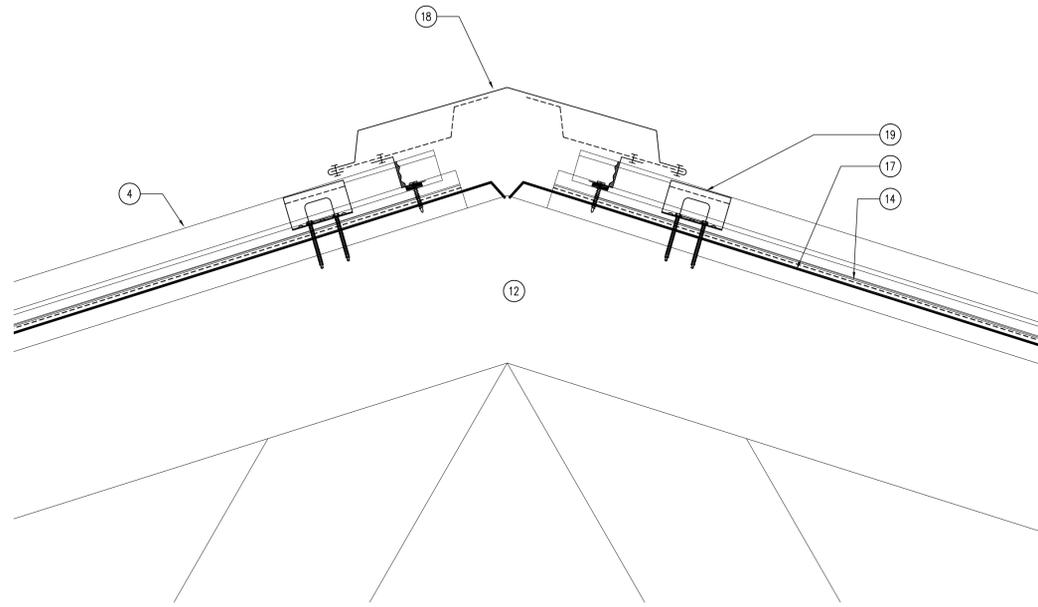
NEW SHOP BUILDING (REBID) FOR:
MINES OF SPAIN SRA:

DUBUQUE COUNTY, IOWA
8991 BELLEVUE HEIGHTS

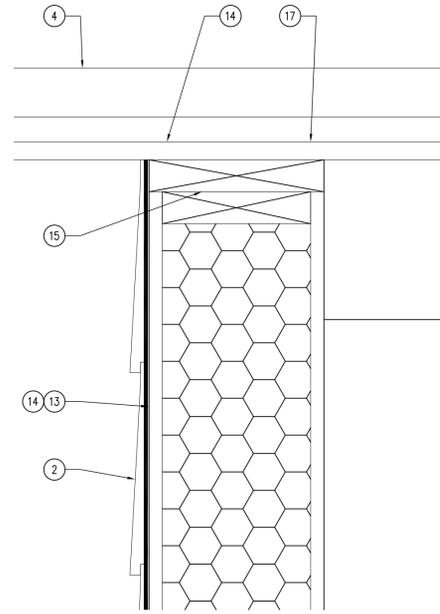
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14-03-31-02
CHK'D BY: DATE:
06.24.2014

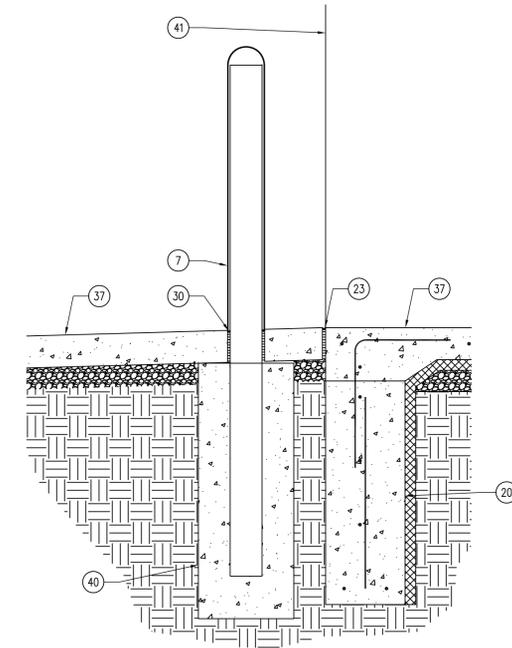
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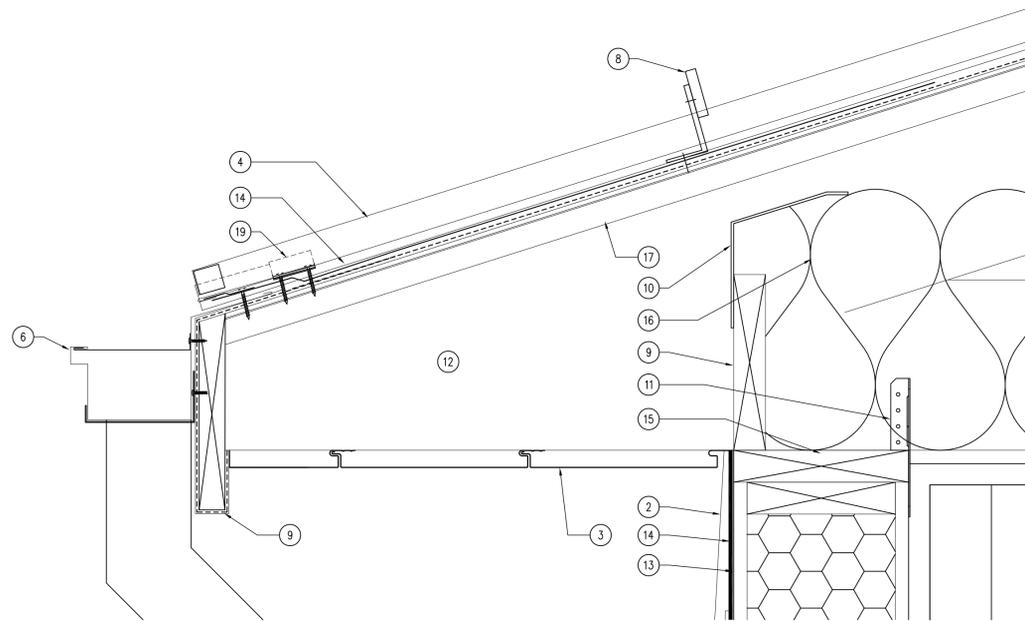
06 ROOF DETAIL - RIDGE
SCALE: 3" = 1'-0"



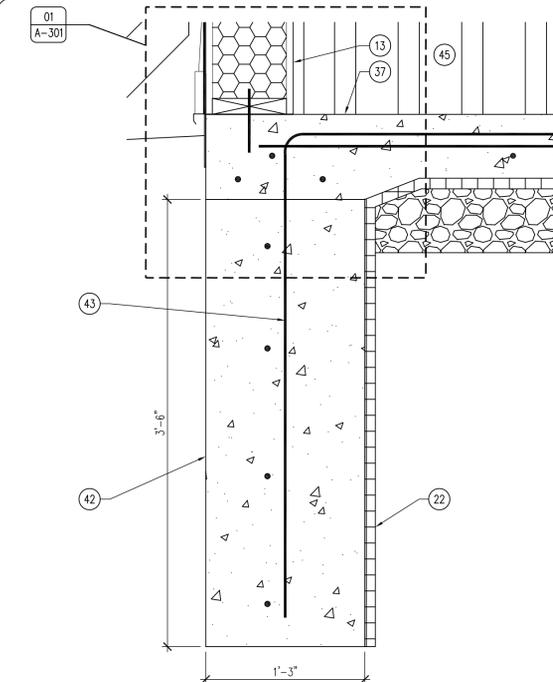
05 DETAIL - HEAD PLATE
SCALE: 3" = 1'-0"



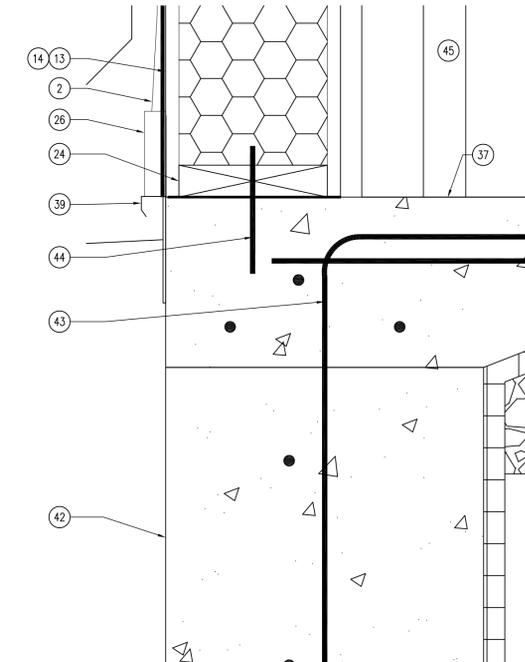
04 DETAIL - BOLLARD
SCALE: 1 1/2" = 1'-0"



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



02 DETAIL - FOUNDATION
SCALE: 1 1/2" = 1'-0"



01 DETAIL - SILL PLATE
SCALE: 3" = 1'-0"

KEYNOTES

1. ANDERSEN 100 DARK BRONZE WINDOW AS SCHEDULED. REFER TO SHEET A-600.
2. 8 1/4" CEDAR LAP SIDING BY CERTAINTED, COLOR TO BE DETERMINED, SUBMIT SAMPLES.
3. METAL VENTED FLUSH-SOFFIT AND FASCIA PANEL. COLOR TO MATCH ROOF.
4. PAC-CLAD SNAP-CLAD METAL ROOF. TRENCH FOUNDATION. UTILITY SINK. REFER TO PLUMBING DRAWINGS.
5. DOOR AS SCHEDULED. REFER TO SHEET A-600.
6. METAL GUTTER AND DOWNSPOUT SYSTEM TO MATCH ROOF, FASCIA AND SOFFIT.
7. 6" X 6" X 5/16" STEEL POST 7'-0" LONG EMBEDDED IN CONCRETE FOOTING. FILL POST SOLID WITH CONCRETE GROUT. PROVIDE OSHA YELLOW PLASTIC COVER SLEEVES FOR ALL BOLLARDS.
8. SNOW AND ICE GUARD BAR. PLACE OVER ENTIRE PERIMETER OF ROOF TO PROTECT GUTTERS, MATCH ROOF COLOR.
9. 2X BLOCKING AS REQUIRED.
10. INSULATION BAFFLE.
11. TRUSS HANGER CLIP (SPECIFIED BY PRE-ENGINEERED BUILDING SUPPLIER).
12. TRUSS (SPECIFIED BY PRE-ENGINEERED BUILDING SUPPLIER).
13. STRUCTURAL INSULATED PANEL (SIP) WALL (SPECIFIED BY PRE-ENGINEERED BUILDING SUPPLIER).
14. EXTERIOR BUILDING WRAP, PER MANUFACTURER'S RECOMMENDATION.
15. TOP PLATE WITH SEALANT ON ALL POINTS, PER BUILDING SUPPLIER'S RECOMMENDATIONS.
16. R-42 CERTAINTED BLOW-IN FIBER-GLASS ROOF INSULATION.
17. 3/4" PLYWOOD ROOF DECK SHEATHING WITH WATER AND ICE SHIELD SURFACE APPLIED, PER ROOFING MANUFACTURER'S RECOMMENDATIONS.
18. PAC-CLAD RIDGE VENT AND CAP, PER MANUFACTURER'S RECOMMENDATIONS. MATCH COLOR AND FINISH OF ROOF.
19. ROOF CLIPS, PER MANUFACTURER'S RECOMMENDATIONS.
20. CONTINUOUS PERIMETER CONCRETE TRENCH FOUNDATION.
21. UTILITY SINK. REFER TO PLUMBING DRAWINGS.
22. 2" SUB-SLAB RIGID INSULATION UNDER ENTIRE BUILDING SLAB. TAPE AND SEAL ALL JOINTS.
23. 1/2" EXPANSION JOINT WITH SEALANT.
24. SIP WALL FINISH, PER MANUFACTURER'S PLANS.
25. 6" CEDAR TRIM BY CERTAINTED, COLOR TO BE DARK BRONZE, SUBMIT SAMPLES.
26. METAL SILL FLASHING BY WALL PANEL MANUFACTURER.
27. CEILING AS SCHEDULED. REFER TO SHEET A-600.
28. 4" SOUND BATT INSULATION.
29. ADA ACCESSIBLE DOOR THRESHOLD.
30. BACKER ROD AND SEALANT.
31. PARTITION WALL AS SCHEDULED. SEE SHEET A-100 & A-002.
32. TRENCH DRAIN / OIL SEPARATOR. REFER TO PLUMBING DRAWINGS.
33. METAL VALLEY FLASHING BY ROOFING MANUFACTURER.
34. METAL SILL FLASHING BY WALL PANEL MANUFACTURER.
35. METAL HEAD-WALL FLASHING BY WALL PANEL MANUFACTURER.
36. OVERHEAD GARAGE DOOR. REFER TO FINISH SCHEDULE.
37. 6" CONCRETE SLAB, CONTINUOUS #4 REBAR 24" O.C. BOTH DIRECTIONS WITH 6" SUB-BASE.
38. WALL FINISH AS SCHEDULED, REFER TO SHEET A-600.
39. METAL FLASHING, MATCH ROOF COLOR.
40. 24" DIAMETER CONCRETE FOOTING, MINIMUM 42" DEEP.
41. EXISTING BUILDING.
42. 15" CONCRETE TRENCH FOUNDATION WITH #5 REBAR 12" O.C. BOTH DIRECTIONS. 42" MINIMUM DEPTH AND 18" OVERLAP ON ALL REBAR.
43. #4 "J" BAR, 24" EMBEDMENT IN FOOTING, 18" EMBEDMENT IN SLAB MINIMUM.
44. SILL PLATE ANCHOR BOLT, SPECIFIED BY BUILDING MANUFACTURER.
45. 29 GAUGE STEEL LINER, WHITE.

GENERAL NOTES

- A. REFER TO FINISH SCHEDULE, SHEET A-600.
- B. REFER TO DOOR SCHEDULE, SHEET A-600.
- C. REFER TO REFLECTED CEILING PLAN FOR CEILING HEIGHTS, SHEET A-110.
- D. REFER TO INDEX SHEET FOR WALL TYPES, SHEET A-002.
- E. FIELD VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION, SHEET A-101.
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- G. CONTRACTOR TO HAVE THIS BUILDING, PRIOR TO CONSTRUCTION, PRE-ENGINEERED BY BUILDING SUPPLIER, WHETHER IT BE STRUCTURAL INSULATED PANEL OR POLE-BUILDING CONSTRUCTION. MUST HAVE ENGINEER'S SIGNATURE & SEAL ON SUBMITTED DRAWINGS.
- H. ALL METAL TRIM, SOFFITS, FASCIA AND DOORS TO MATCH ROOF COLOR, DARK BRONZE. CEMENT BOARD TRIM AROUND DOORS AND WINDOWS TO BE DARK BRONZE, BUILDING CORNERS TO MATCH SIDING COLOR.

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ROOF AND FOUNDATION DETAILS

NEW SHOP BUILDING FOR:

MINES OF SPAIN SRA:

DUBUQUE COUNTY, IOWA

8991 BELLEVUE HEIGHTS

NO. BY DATE REVISION

NO.	BY	DATE	REVISION

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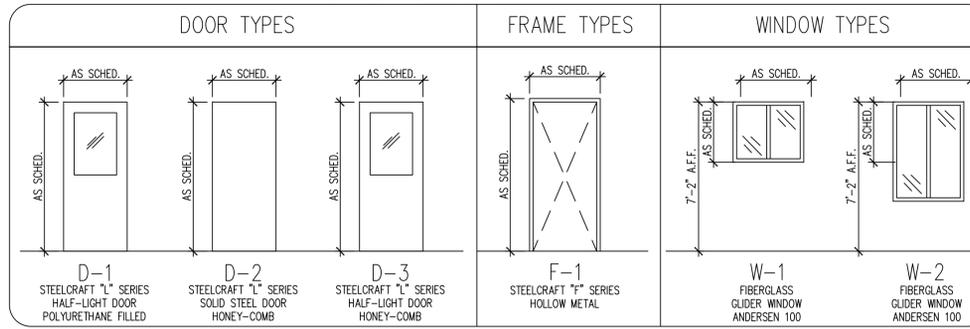
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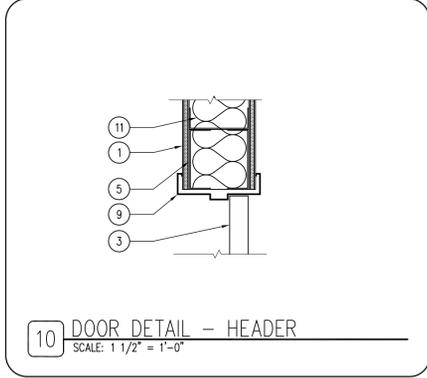
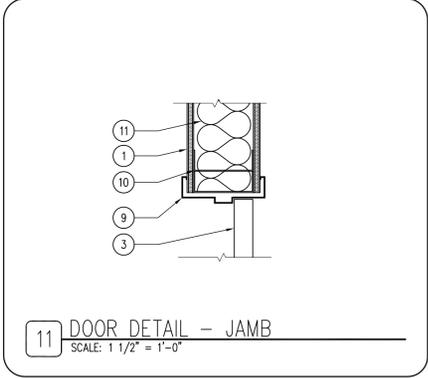
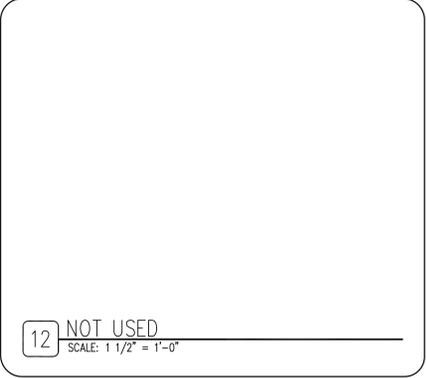
SHEET NO:

A-301



FINISH SCHEDULE

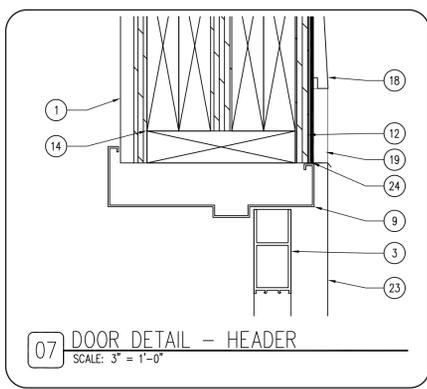
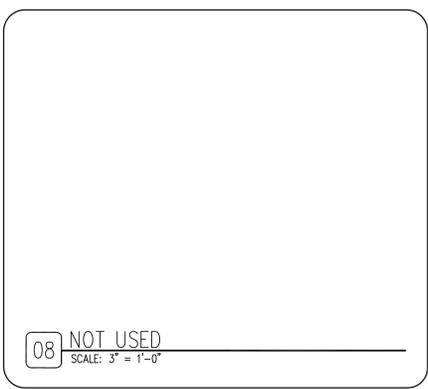
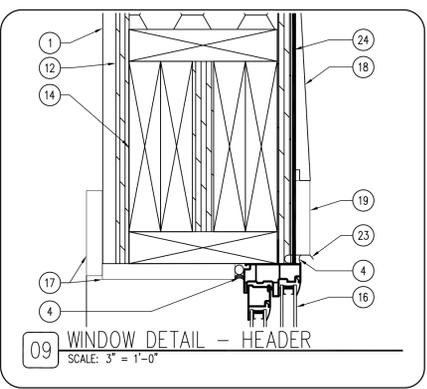
ROOM #	ROOM NAME	FLOORING	BASE	NORTH WALL FINISH	EAST WALL FINISH	SOUTH WALL FINISH	WEST WALL FINISH	CEILING	NOTES
100	HEATED BAYS	CONC-1	-	ST-1	ST-1	ST-1	ST-1	ST-1	STEEL LINER PANEL WALLS & CEILING
101	MECHANICAL	CONC-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	-	-
102	RESTROOM	CONC-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-2	RW-1	-
103	CONFERENCE	CONC-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-2	ACT-1	-



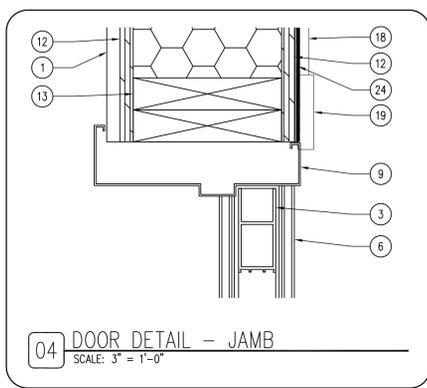
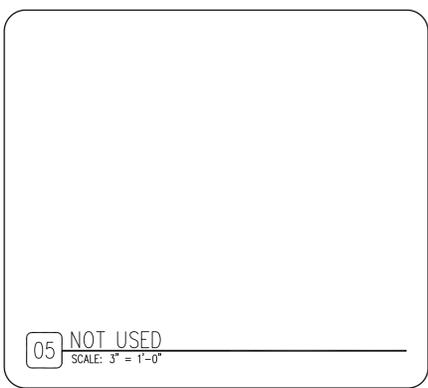
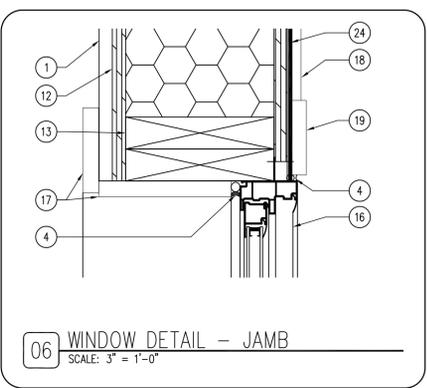
- HARDWARE TYPES**
- ALL HARDWARE MODEL NUMBERS BASED ON SCHLAGE "ND-SERIES" LOCKSETS AND "IVES" HARDWARE.
 - HARDWARE FINISH TO BE: "AGED BRONZE (B436)".
 - ALL EXTERIOR LOCKSETS TO BE KEYPED TO MATCH EXISTING FACILITIES ON SITE.
- HARDWARE SET NO. 1 - DOORS: 100A & 100E**
- 3 EA. HINGES: FBB179 4 1/2 X 4 1/2
 - 1 EA. ENTRY: ND50PD (ATHENS)
 - 1 EA. FLOOR STOP: FS 444
 - 3 EA. PERIMETER SEALS: BLACK GASKET
 - 1 EA. THRESHOLD SEAL: BLACK BROOM TYPE
 - 1 EA. ADA COMPLIANT THRESHOLD
 - 1 EA. DEAD-BOLT: B562P
 - 1 EA. CLOSER: LCN 4010 (DARK BRONZE)
- HARDWARE SET NO. 2 - DOORS: 102**
- 3 EA. HINGES: FBB179 4 1/2 X 4 1/2
 - 1 EA. PRIVACY: ND40S (ATHENS)
 - 1 EA. FLOOR STOP: FS 444
 - 3 EA. SILENCERS: SR66 (BLACK)
- HARDWARE SET NO. 3 - DOORS: 101**
- 3 EA. HINGES: FBB179 4 1/2 X 4 1/2
 - 1 EA. STOREROOM: ND80 (ATHENS)
 - 1 EA. FLOOR STOP: FS 444
 - 3 EA. SILENCERS: SR66 (BLACK)
- HARDWARE SET NO. 4 - DOORS: 103**
- 3 EA. HINGES: FBB179 4 1/2 X 4 1/2
 - 1 EA. PASSAGE: ND10 (ATHENS)
 - 1 EA. FLOOR STOP: FS 444
 - 3 EA. SILENCERS: SR66 (BLACK)

FINISH DESCRIPTION

FINISH MARK	MATERIAL	MANUFACTURER INFO		DIMENSION	COLOR	FINISH	COMMENTS
		COMPANY NAME	PRODUCT NUMBER				
FLOOR FINISH							
CONC-1	SEALED CONCRETE	-	-	-	-	-	-
RB-1	RUBBER BASE	JOHNSONITE	-	4"	TOAST	-	GARAGE, MECH. & BATHROOM AREAS
CEILING FINISH							
ACT-1	ACOUSTICAL CLG TILE	ARMSTRONG	TEGULAR 1911	24" X 24"	WHITE	ULTIMA	PRELUDE XL 15/16" SUSP. SYSTEM
RW-1	ESSENTIAL BOARD	REWALL	-	-	WHITE	PNT-1&2	-
ST-1	STEEL LINER PANEL	-	-	29 GAUGE	WHITE	MANUF.	STORM PANEL
INTERIOR FINISH							
PNT-1	INTERIOR PAINT	SHERWIN WILLIAMS	DURATION	-	DIVINE WHITE	SATIN	COMMON
PNT-2	INTERIOR PAINT	SHERWIN WILLIAMS	DURATION	-	NOMADIC DESERT	SATIN	ACCENT
RW-1	ESSENTIAL BOARD	REWALL	-	-	WHITE	PNT-1&2	-
ST-1	STEEL LINER PANEL	-	-	29 GAUGE	WHITE	MANUF.	STORM PANEL
MILLWORK / WOOD FINISH							
WD-1	MAPLE VENEER PLYWOOD	-	-	-	NATURAL	CLEAR	ALL WOOD/MILLWORK - SUBMIT SAMPLES
WD-2	3/4" SOLID HARD MAPLE	-	-	-	NATURAL	CLEAR	ALL WOOD/MILLWORK - SUBMIT SAMPLES
SS-1	SOLID SURFACE COUNTER TOP	CORIAN	-	-	LAVA ROCK	MANUF.	ALL WOOD/MILLWORK - SUBMIT SAMPLES
EXTERIOR FINISH							
SR-1	STANDING SEAM METAL ROOF	PAC-CLAD	SNAP-LOC	24 GAUGE	DARK BRONZE	MANUF.	-
CB-1	CEMENT BOARD SIDING	CERTAINTED	CEDAR PATTERN	8 1/4" LAP	TBD	MANUF.	SUBMIT SAMPLES FOR APPROVAL

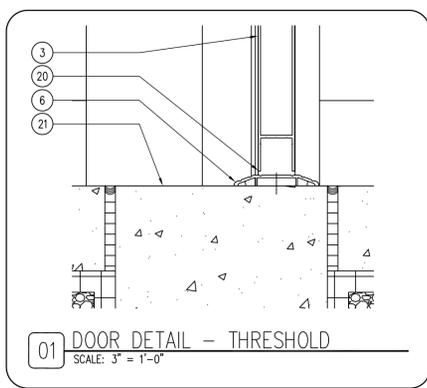
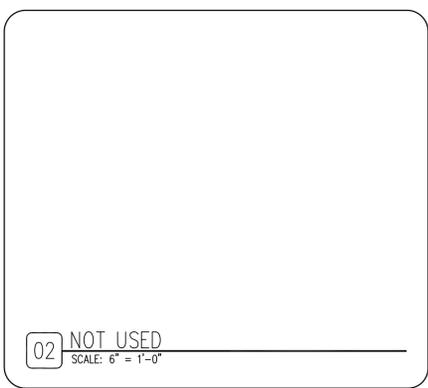
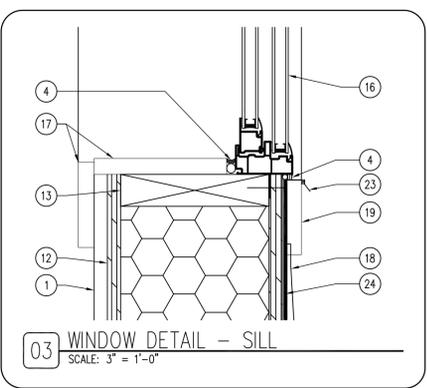


- KEYNOTES**
- WALL FINISH AS SCHEDULED.
 - FULLY GROUTED CMU BLOCK.
 - DOOR AS SCHEDULED.
 - CONTINUOUS SEALANT AND BACKER ROD
 - MTL. BOX STUD HEADER
 - ADA COMPLIANT THRESHOLD.
 - 1X4 TREATED NAILERS.
 - #4 CONTINUOUS REBAR.
 - DOOR FRAME AS SCHEDULED.
 - 3 5/8" METAL STUD.
 - SOUND BATT INSULATION.
 - SIP WALL SYSTEM AS SCHEDULED.
 - TREATED 2X, PER MANUF. RECOMMENDATION.
 - SIP HEADER, PER MANUF. RECOMMENDATION.
 - BOX STUD HEADER.
 - WINDOW AS SCHEDULED.
 - HARD MAPLE TRIM / SILL, WD-1.
 - CEMENT BOARD SIDING, AS SCHEDULED.
 - CEMENT BOARD TRIM, AS SCHEDULED.
 - BRUSH TYPE GASKET FOR EXTERIOR DOORS.
 - CONCRETE SLAB, AS SCHEDULED.
 - 7/16 OSB SHEATHING WITH 30LB FELT.
 - METAL FLASHING W/ SEALANT, AS REQUIRED.
 - CONTINUOUS VAPOR BARRIER.



DOOR SCHEDULE

DOOR NUMBER	DIMENSION			TYPE	GLASS	FINISH	FRAME			TYPE	FINISH	FIRE RATING LABEL	HARDWARE		COMMENTS
	WIDTH	HEIGHT	THICK.				HEAD	JAMB	THRESHOLD				SET #	KEYSIDE ROOM NUMBER	
100A	3'-0"	7'-0"	1 3/4"	D-1	MANUF.	DARK BRONZE	07/A-600	04/A-600	01/A-600	F-1	DARK BRONZE	1	NA	EXT. STEELCRAFT "L" SERIES - HALF LIGHT	
100B	12'-0"	12'-0"	-	-	MANUF.	MANUF.	-	-	-	-	-	-	-	-	R-6 GARAGE DOORS W/ SAFETY WINDOWS
100C	12'-0"	12'-0"	-	-	MANUF.	MANUF.	-	-	-	-	-	-	-	-	R-6 GARAGE DOORS W/ SAFETY WINDOWS
100D	12'-0"	12'-0"	-	-	MANUF.	MANUF.	-	-	-	-	-	-	-	-	R-6 GARAGE DOORS W/ SAFETY WINDOWS
100E	3'-0"	7'-0"	1 3/4"	D-1	MANUF.	DARK BRONZE	07/A-600	04/A-600	01/A-600	F-1	DARK BRONZE	1	NA	EXT. STEELCRAFT "L" SERIES - HALF LIGHT	
101	3'-0"	7'-0"	1 3/4"	D-2	-	DARK BRONZE	10/A-600	11/A-600	-	F-1	DARK BRONZE	3	100	INT. STEELCRAFT "L" SERIES	
102	3'-0"	7'-0"	1 3/4"	D-2	-	DARK BRONZE	10/A-600	11/A-600	-	F-1	DARK BRONZE	2	100	INT. STEELCRAFT "L" SERIES	
103	3'-0"	7'-0"	1 3/4"	D-3	MANUF.	DARK BRONZE	10/A-600	11/A-600	-	F-1	DARK BRONZE	4	NA	INT. STEELCRAFT "L" SERIES - HALF LIGHT	



WINDOW SCHEDULE

WINDOW TYPE	DIMENSION		TYPE	GLASS	FINISH	FRAME			TYPE	FINISH	QUANTITY	COMMENTS
	WIDTH	HEIGHT				HEAD	JAMB	SILL				
W-1	36"	36"	1	-	MANUF.	09/A-600	06/A-600	03/A-600	-	DARK BRONZE	9	ANDERSEN 100 SLIDER WINDOW - DARK BRONZE EXTERIOR
W-2	36"	54"	1	-	MANUF.	09/A-600	06/A-600	03/A-600	-	DARK BRONZE	2	ANDERSEN 100 SLIDER WINDOW - DARK BRONZE

CONSULTANT:

IOWA DEPARTMENT OF NATURAL RESOURCES
ENGINEERING SERVICES - WALLACE BUILDING
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FINISH, DOOR & WINDOW SCHEDULES

NEW SHOP BUILDING (REBID) FOR:
MINES OF SPAIN SRA:

DUBUQUE COUNTY, IOWA

8991 BELLEVUE HEIGHTS

NO.	BY	DATE	REVISION

DRAWN BY: PROJECT NUMBER: 14-03-31-02
CHK'D BY: DATE: 06.24.2014
SHEET No:

A-600

