IOWA DEPARTMENT OF NATURAL RESOURCES

CONSTRUCTION DRAWINGS FOR BANNER SHOOTING RANGE BUILDING RENOVATIONS SUMMERSET STATE PARK

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PROJECT # 15-05-91-01

PLANS PREPARED BY
LAND & WATERS BUREAU
CONSERVATION & RECREATION DIVISION

REGISTERED PROFESSIONAL ARCHITECT
RYAN E. RICHEY
06461
IOWA

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

RYAN E. RICHEY DATE

My license renewal date is June 30, 2015.

Pages or sheets covered by this seal:

A-001 – A-600

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DIRECTORY

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CONTACT	–	CONTACT	–
TELEPHONE	–	TELEPHONE	–
FAX	–	FAX	–
EMAIL	–	EMAIL	–

PROJECT DATA

BUILDING DATA

BUILDING CODES

BUILDING CODE – 2009 INTERNATIONAL BUILDING CODE
STRUCTURAL CODE –2009 INTERNATIONAL BUILDING CODE
PLUMBING CODE – 2012 UNIFORM PLUMBING CODE
MECHANICAL CODE – 2012 INTERNATIONAL MECHANICAL CODE
ELECTRICAL CODE – 2011 NATIONAL ELECTRIC CODE
FIRE PREVENTION CODE – 2009 INTERNATIONAL FIRE CODE
ACCESSIBILITY CODE – 2010 ADA STANDARDS
ENERGY CODE – 2012 INTERNATIONAL ENERGY CONSERVATION CODE

PROJECT DESCRIPTION

THIS IS A VESTIBULE ADDITION TO THE EXISTING SHOOTING RANGE BUILDING ON SITE. THIS ADDITION WILL CONSIST OF A NEW 6" CMU BLOCK STRUCTURE WITH A STEEL ROOF AND LIGHTING INSIDE. ALSO, THERE WILL BE SOME SITE WORK AND CONCRETE WORK TO MAINTAIN ACCESSIBILITY TO THE BUILDING.

AUTHORIZATION TO BID

LAND AND WATERS BUREAU CHIEF DATE

AUTHORIZED - PARKS | WILDLIFE | FISHERIES | LAW ENFORCEMENT DATE

BID ITEMS

ITEM NUMBER	DESCRIPTION	ESTIMATED QUANTITY
1	SIDEWALK & RAMP, PCC (6" THICKNESS) W/ REBAR AND 6" SUBBASE	1 LUMP SUM
2	INDOW WINDOW INSERTS IN EXISTING BUILDING	1 LUMP SUM
3	NEW ENTRY VESTIBULE ADDITION WITH 4" SPRAY FOAM ON ROOF DECK	1 LUMP SUM
4	SITE DEMOLITION	1 LUMP SUM
5	FINISHING	1 LUMP SUM
6	CONSTRUCTION STAKING	1 LUMP SUM
7	MOBILIZATION	1 LUMP SUM
	ALTERNATE	
8	CLOSED CELL SPRAY-FOAM ENTIRE ATTIC AND SOFFIT CANOPY 4" THICK IN EXISTING BUILDING	1 LUMP SUM

CONSULTANT:

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COVER SHEET

SHOOTING RANGE VESTIBULE FOR:
BANNER SHOOTING RANGE

WARREN COUNTY, IOWA

BANNER LAKES AT SUMMERSET SP

NO.	BY DATE	REVISION

DRAWN BY: PROJECT NUMBER: 15-05-91-01
CHK'D BY: DATE: 12.31.2014
SHEET No: A-001

DIMENSION NOTES

1. 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.
2. WHEN A ROOM CENTERLINE IS INDICATED ONLY ONE SIDE OF THE ROOMS ELEMENTS MAY BE DIMENSIONED.
3. COLUMN IDENTIFICATION: DETAILS WILL GOVERN ALL DIMENSIONS AND NO DIMENSIONS WILL BE SHOWN ON SMALL SCALE PLANS.
4. PARTITION CENTERED ON COLUMN OR GRID LINES WILL NOT BE DIMENSIONED ON SMALL SCALE PLANS.
5. PARTITION WITH A FINISHED FACE FLUSH WITH FINISH FACE OF COLUMN WILL NOT be DIMENSIONED ON SMALL SCALE PLANS.
6. PARTITION FINISH FACE ON COLUMN OR GRID LINE WILL NOT BE DIMENSIONED ON SMALL SCALE PLANS .
7. 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.
8. WHEN NEITHER JAMB OCCURS AT A COLUMN OR GRID LINE ONE JAMB WILL BE DIMENSIONED.
9. DOOR LOCATIONS ARE TO BE LOCATED BY ONE OF FOLLOWING:
   a. ONE JAMB FACE LOCATED BY A PARTITION AT RIGHT ANGLE. 4"TYPICAL UNLESS INDICATED ON PLAN.
   b. OR AS DIMENSIONED ON PLAN.
10. PARTITIONS ARE DIMENSIONED TO FACE OF CMU OR FACE OF STUD UNLESS OTHERWISE NOTED.
11. DIMENSIONS ARE INDICATED IN THE DOCUMENTS. THE DRAWINGS SHALL NOT BE SCALED FOR DIMENSIONS.

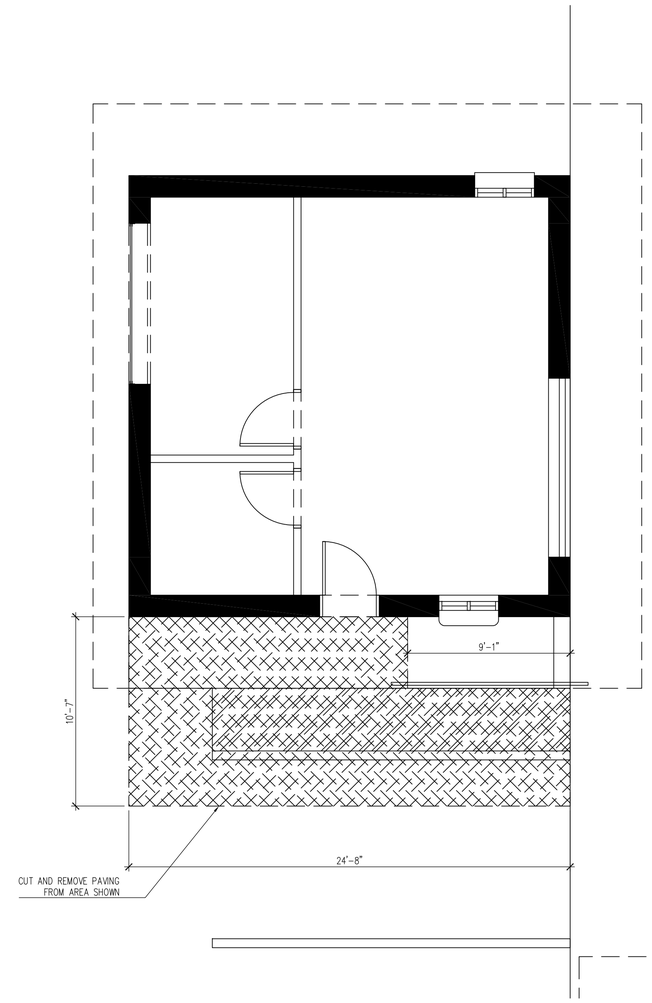
MATERIAL LEGEND

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

GENERAL NOTES

THE FOLLOWING GENERAL NOTES SHALL PERTAIN TO THE ENTIRE SET OF CONTRACT DOCUMENTS

1. 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.
2. DO NOT SCALE DRAWINGS. IF DIMENSIONS ARE IN QUESTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CLARIFICATION FROM THE ARCHITECT BEFORE CONTINUING WITH CONSTRUCTION.
3. GENERAL CONTRACTOR AND SUBCONTRACTORS SHALL PERFORM THEIR WORK IN ACCORDANCE WITH ALL APPLICABLE CODES GOVERNING EACH TRADE.
4. THE CONTRACTOR SHALL MAINTAIN A CLEAN AND ORGANIZED JOB SITE, ACCEPTABLE TO THE OWNER.
5. THE CONTRACTOR SHALL COORDINATE THE SEQUENCE OF WORK WITH THE OWNER REPRESENTATIVE..
6. THERE SHALL BE NO DEVIATION BY THE GENERAL CONTRACTOR FROM THE CONSTRUCTION DOCUMENTS UNLESS APPROVED IN WRITING BY THE ARCHITECT.
7. 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.
8. 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.
9. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING THE EXISTING BUILDING WATER TIGHT DURING CONSTRUCTION.
10. THE CONTRACTOR WILL VERIFY THAT EXIT EGRESS IS MAINTAINED FOR ALL OCCUPIED AREAS OF THE BUILDING THROUGHOUT ALL PHASES OF CONSTRUCTION.
11. PLAN DIMENSIONS ARE GIVEN TO FACE OF STUD OR BLOCK WALL. "CLEAR" DIMENSIONS ARE GIVEN TO THE FACE
12. 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.
13. PROTECT ALL EXISTING FINISHES AND MATERIALS TO REMAIN, IN ACCORDANCE WITH ACCEPTABLE TRADE PRACTICES, MANUFACTURER, RECOMMENDATIONS, OR AS DIRECTED BY THE ARCHITECT.
14. 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.
15. PATCHING MATERIAL SHALL MATCH EXISTING ADJACENT MATERIALS AS CLOSELY AS POSSIBLE IN COLOR, PATTERNS, AND/OR TEXTURES.
16. 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.
17. ISOLATE ALL DISSIMILAR METALS. G SHALL REQUEST APPROVAL BY THE ARCHITECT FOR MATERIALS USED FOR THIS PURPOSE, PRIOR TO INSTALLATION.
18. SEALANTS SHALL BE COMPATIBLE WITH ADJACENT SURFACE(S) THAT ARE IN CONTACT. REFER TO SPECIFICATIONS FOR APPROVED MANUFACTURERS AND PROCEDURES.
19. CAULK JOINTS OF DISSIMILAR EXPOSED TO VIEW MATERIALS AS REQUIRED BY THE ARCHITECT.
20. ALL DOOR HARDWARE TO BE FL. ADA COMPLIANT.
21. ALL EXTERIOR WALLS, DOORS AND WINDOWS ARE EXISTING U.N.O.
22. ALL FINISHES TO BE PER CLASS INDICATED ON A-004
23. 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:
   - CABINETRY 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
24. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL SUBMIT (2) COPIES OF MATERIAL SAFETY DATA SHEETS (MSDS) FOR ALL PRODUCTS USED TO PERFORM THE WORK.



03 DEMO PLAN
SCALE: 1/4" = 1'-0"

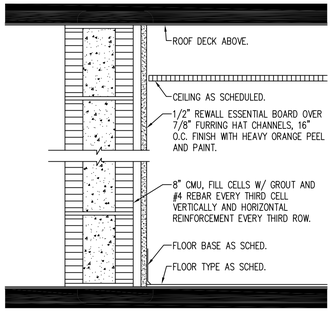
SYMBOL LEGEND

NORTH AAROW
00 TITLE — SCALE: 0 = 0'-0" — DRAWING / DETAIL IDENTIFICATION
00 / A-000 — SECTION REFERENCE
00 / A-000 — DETAIL REFERENCE
00 / A-000 — EXTERIOR ELEVATION
00/A-100 — INTERIOR ELEVATION
ELEVATION : 0'-0" / DESCRIPTION1 — ELEVATION TARGET
1 / A — COLUMN GRID
00 / A-000 — 00 / A-000 — MATCH LINES
ROOM / 000 — ROOM/SPACE IDENTIFICATION
100 — DOOR TAG
00 — WINDOW TAG
00 — WALL TYPE REFERENCE
KEYNOTE NUMBER -NEW C.S.I. DIVSION/KEY
00 — KEYNOTE - DEMOLITION
00 — KEYNOTE - NEW/RENOVATION
00 — KEYNOTE - FINISH/ACCESSORY
℄ — PROPERTY LINE REFERENCE
℄ — CENTER LINE REFERENCE
0" — LEVEL CHANGE REFERENCE
DETAIL CUT LINE
1 — REVISION NUMBER AND CLOUD

ABBREVIATIONS

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

02 NOT USED



01 NON-RATED/BEARING
6" SPLIT-FACE CMU

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WALL TYPES, NOTES & SYMBOLS

SHOOTING RANGE VESTIBULE FOR:
BANNER SHOOTING RANGE

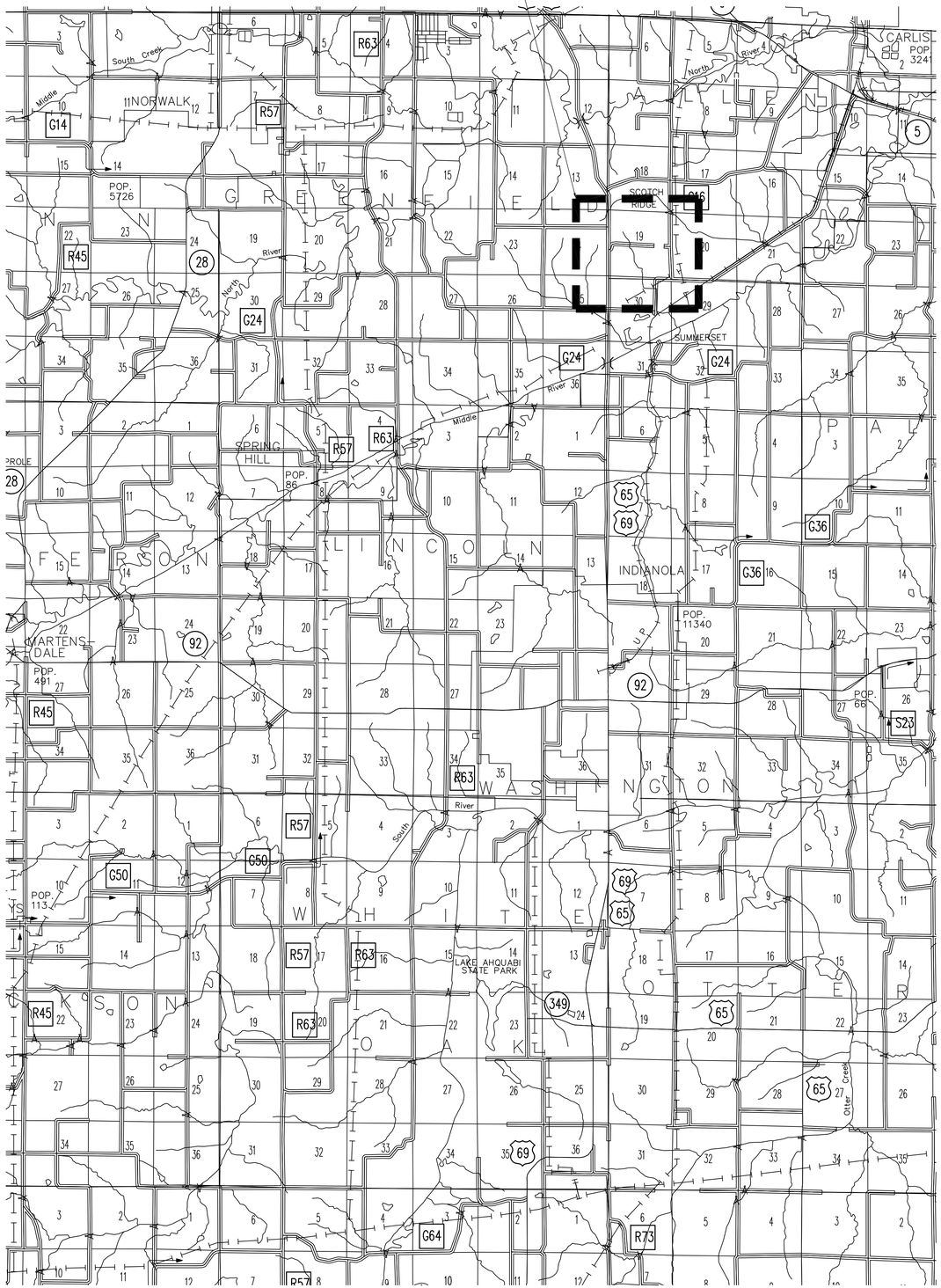
WARREN COUNTY, IOWA

BANNER LAKES AT SUMMERSET SP

NO.	BY / DATE	REVISION

DRAWN BY:
PROJECT NUMBER: 15-05-91-01
CHK'D BY:
DATE: 12.31.2014
SHEET No: A-002

PROJECT LOCATION



PROJECT LOCATION

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PROJECT LOCATION

SHOOTING RANGE VESTIBULE FOR:

BANNER SHOOTING RANGE

WARREN COUNTY, IOWA

BANNER LAKES AT SUMMERSET SP

NO.	BY DATE	REVISION

DRAWN BY:

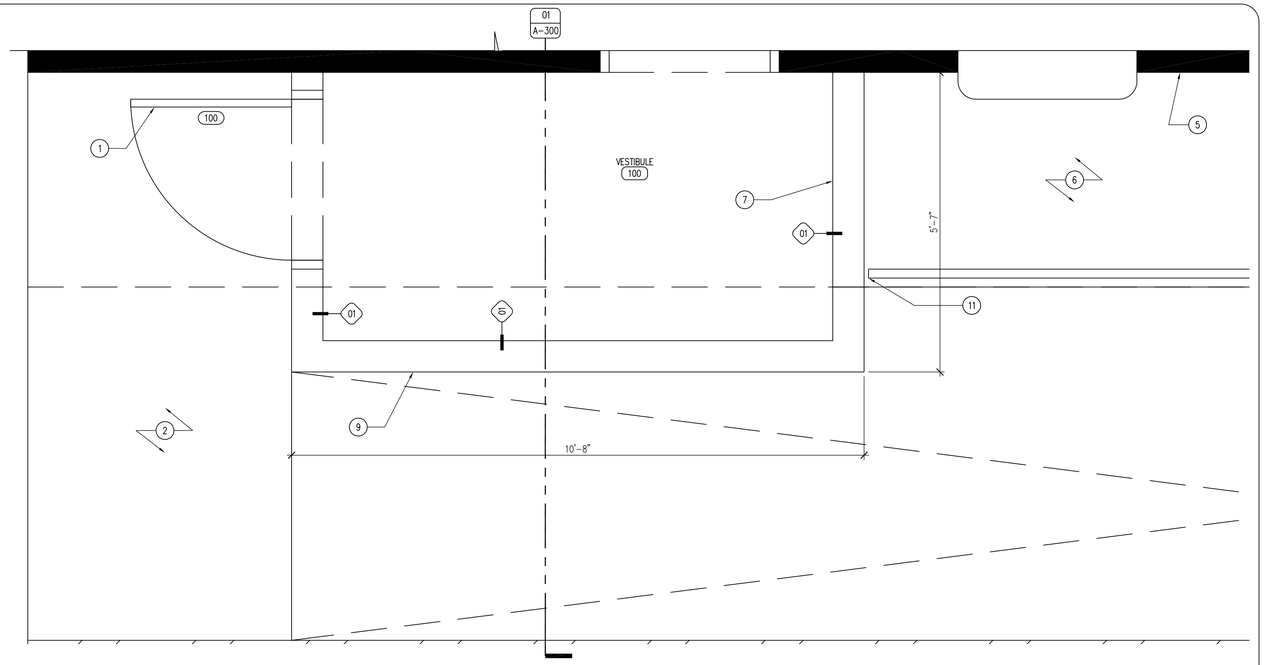
PROJECT NUMBER: 15-05-91-01

CHK'D BY:

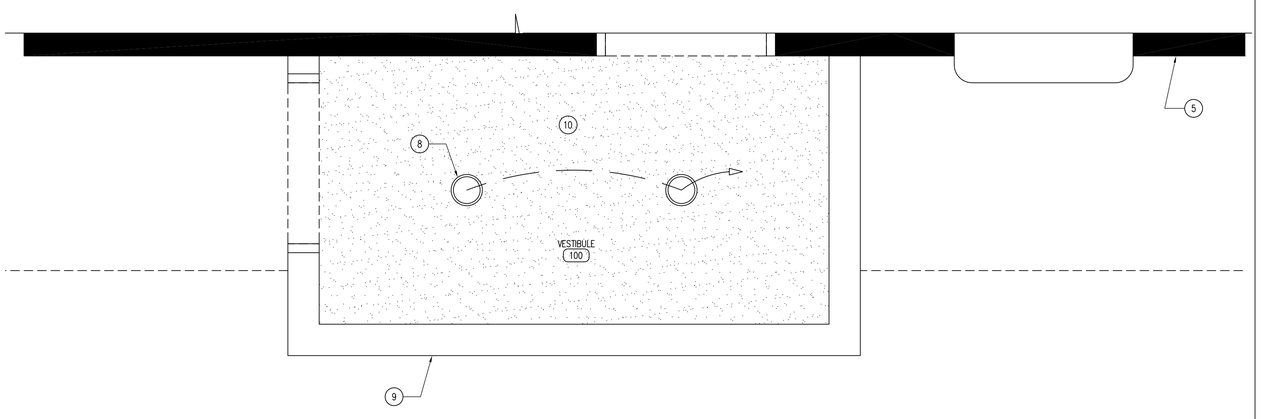
DATE: 12.31.2014

SHEET No:

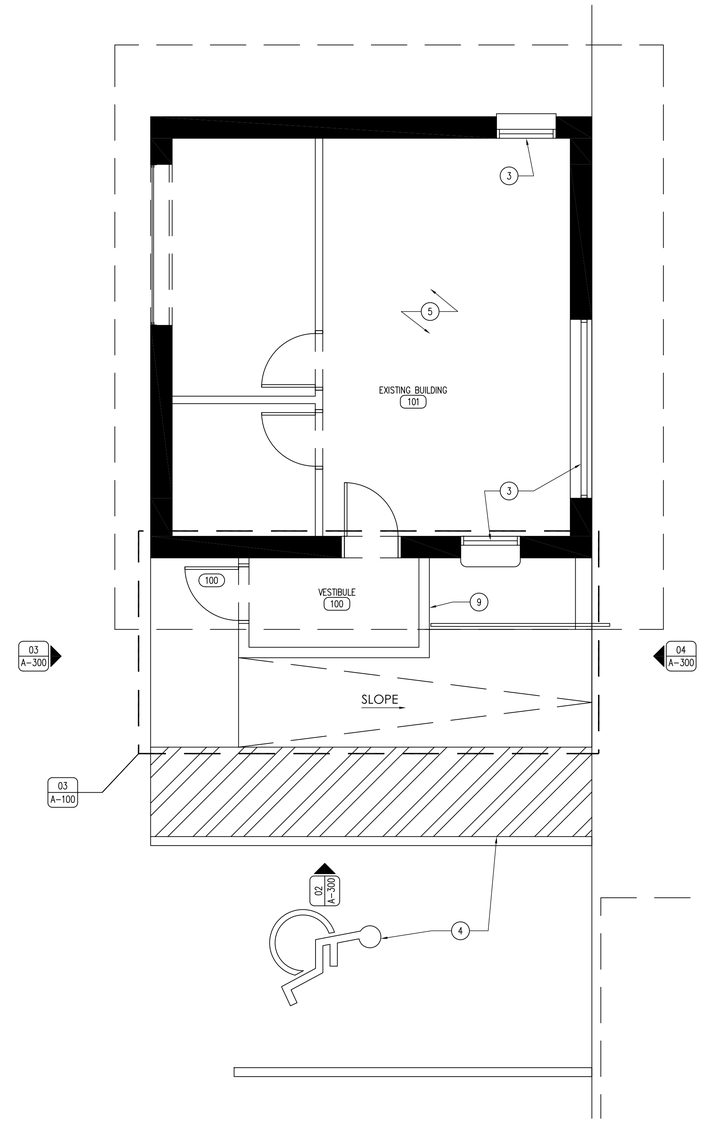
A-003



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



02 REFLECTED CEILING PLAN
SCALE: 3/4" = 1'-0"



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

ELECTRICAL LEGEND

BACK TO PANEL – ON SINGLE BREAKER

6" RECESSED CAN LIGHT. SINGLE IC RATED HOUSING, UL LISTED FOR DAMP LOCATIONS, WHITE BAFFLE, WHITE TRIM, WITH ONE 15W LED LAMP: JUNO IC22LWDG4N.

KEYNOTES

1. DOOR AS SCHEDULED, REFER TO SHEET A-600.
2. 6" CONCRETE SLAB OVER 6" SUBBASE WITH #4 REBAR 24" O.C. BOTH DIRECTIONS.
3. INDOW WINDOW INSERTS, ACOUSTIC GRADE WITH COMMERCIAL COATING, ON INTERIOR OF ALL WINDOWS.
4. REPAINT PAVEMENT STRIPING FOR ADA PARKING AREA AS SHOWN.
5. EXISTING BUILDING TO REMAIN.
6. EXISTING STAIR AND SLAB TO REMAIN.
7. 1/2" REWALL ESSENTIAL BOARD ON INTERIOR OF WALLS OVER 7/8" STEEL HAT CHANNELS, 16" O.C. FINISH WITH HEAVY ORANGE PEEL TEXTURE.
8. NEW 6" RECESSED LED CAN LIGHT, REFER TO ELECTRICAL LEGEND.
9. 6" SPLIT-FACE CMU BLOCK WITH #4 REBAR EVERY THIRD CELL AND HORIZONTAL REINFORCEMENT EVERY THIRD COURSE, FULLY GROUT ALL CELLS. SUBMIT SAMPLES TO MATCH EXISTING WALL TILE, GROUT TO MATCH.
10. 1/2" REWALL ESSENTIAL BOARD CEILING, FINISHING WITH HEAVY ORANGE PEEL TEXTURE.
11. CUT AND REMOVE SECTION OF RAILING. FINISH CUT END OF RAILING.

GENERAL NOTES

A. REFER TO FINISH & DOOR SCHEDULE, SHEET A-600.
B. ALL ELECTRICAL SHALL BE NEC 2011 AND NFPA 70 COMPLIANT AND UP TO ALL CODES AND ORDINANCES REQUIRED BY LAW. ALL OUTLETS TO BE MOUNTED AT 18" ABOVE FINISHED FLOOR.
C. REFER TO REFLECTED CEILING/POWER PLAN FOR MORE INFORMATION, SHEET A-100.
D. REFER TO INDEX SHEET FOR WALL TYPES, SHEET A-002.
E. FIELD VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.
F. FIELD VERIFY EQUIPMENT LOCATIONS FOR ELECTRICAL OUTLET LOCATIONS. REFER TO ELECTRICAL PLANS.
G. REFER TO FINISH SCHEDULE SHEET FOR COLOR AND MATERIAL SECTIONS, SHEET A-600.

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REFERENCE FLOOR PLANS

SHOOTING RANGE VESTIBULE FOR:
BANNER SHOOTING RANGE

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BANNER LAKES AT SUMMERSET SP

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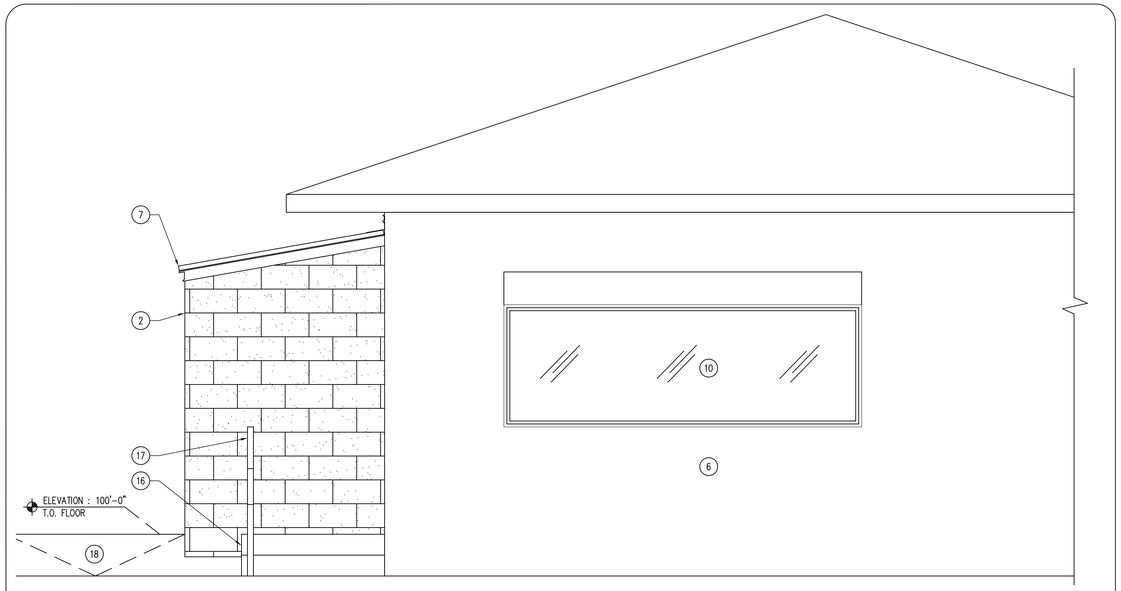
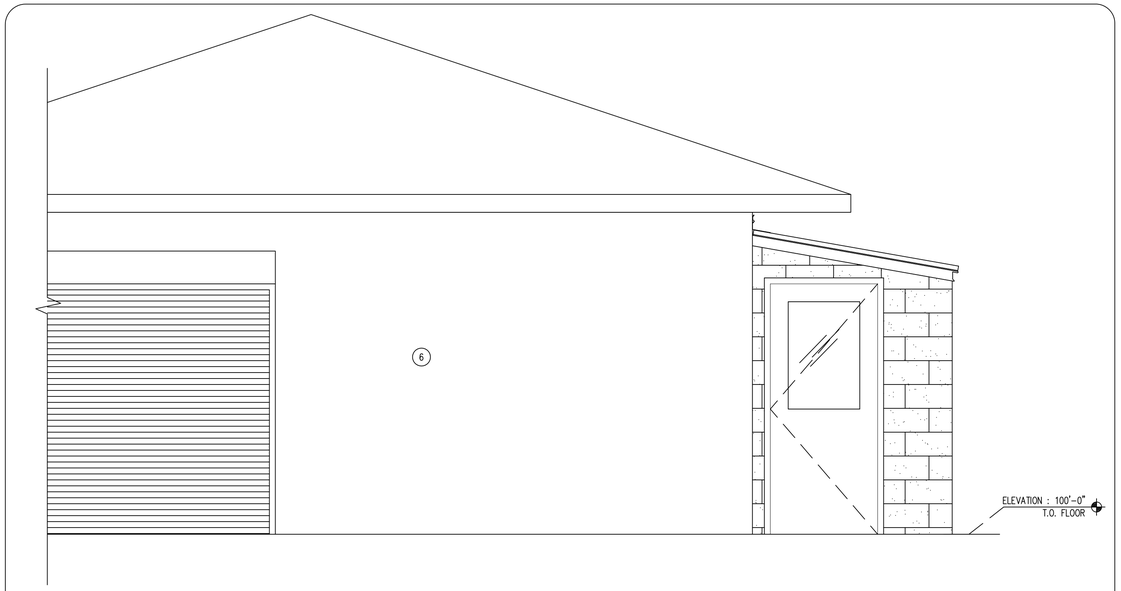
A-100



04 BUILDING ELEVATION
SCALE: 1/2" = 1'-0"



03 BUILDING ELEVATION
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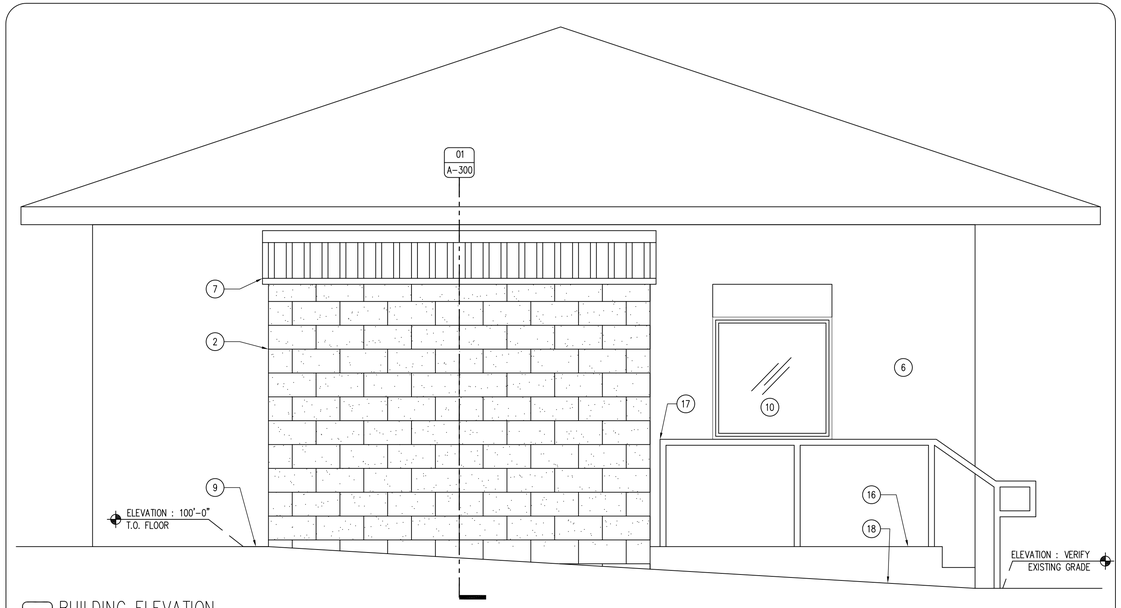
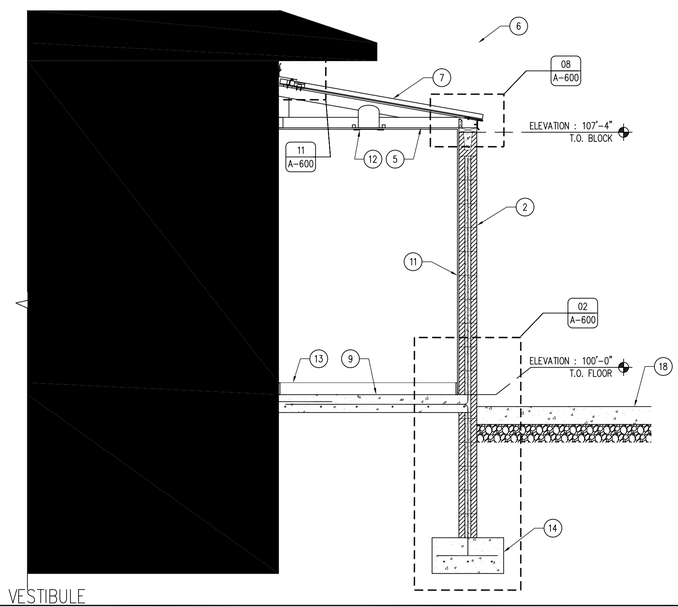


02 BUILDING ELEVATION
SCALE: 1/2" = 1'-0"



01 BUILDING SECTION – ENTRY VESTIBULE
SCALE: 1/2" = 1'-0"

KEYNOTES

1. DOOR AS SCHEDULED. REFER TO SHEET A-600.
2. 6" SPLIT-FACE CMU BLOCK WITH #4 REBAR EVERY THIRD CELL AND HORIZONTAL REINFORCEMENT EVERY THIRD COURSE, FULLY GROUT ALL CELLS. SUBMIT SAMPLES TO MATCH EXISTING WALL TILE, GROUT TO MATCH.
3. 2X TREATED BLOCKING AS REQUIRED.
4. TRUSS HANGER CLIP.
5. 2X6 TRUSS, SPRAY FOAM 2" OF CLOSED CELL FOAM OVER ENTIRE WOOD SURFACE.
6. EXISTING BUILDING TO REMAIN.
7. MSMC 26 GA PRO-LOC I, BY METAL SALES, STANDING SEAM METAL ROOF, MATCH EXISTING COLOR.
8. EXISTING OVERHEAD GARAGE DOOR TO REMAIN.
9. 6" CONCRETE SLAB OVER 6" OF ENGINEERED SUBBASE, CONTINUOUS #4 REBAR 24" O.C. BOTH DIRECTIONS, SMOOTH TROWEL FINISH.
10. EXISTING WINDOW TO REMAIN. ADD INDOW WINDOW INSERTS, ACOUSTIC GRADE WITH COMMERCIAL COATING, ON INTERIOR OF ALL WINDOWS.
11. 1/2" REWALL ESSENTIAL BOARD OVER 7/8" STEEL HAT FURRING, FINISH WITH HEAVY ORANGE PEEL.
12. RECESSED CAN LIGHT, REFER TO SHEET A-100 FOR DETAILS.
13. JOHNSON RUBBER BASE AS SCHEDULED, REFER TO SHEET A-600.
14. CONCRETE SPREAD FOOTING AS SHOWN WITH THREE CONTINUOUS #4 BARS AND VERTICALS EVERY 24" O.C.
15. #4 DOWELS, EPOXY INTO EXISTING BUILDING SLAB 18" MINIMUM EACH SIDE.
16. EXISTING CONCRETE STAIR AND SLAB TO REMAIN, CUT CONCRETE AS SHOWN ON DEMO PLAN, SHEET A-002.
17. EXISTING HANDRAIL, CUT RAIL AND FINISH END.
18. 6" CONCRETE RAMP WITH #4 REBAR 24" O.C. BOTH DIRECTIONS OVER 6" SUBBASE, FOLLOW EXISTING PARKING LOT SLOPE.

GENERAL NOTES

A. REFER TO FINISH & DOOR SCHEDULE, SHEET A-600.
B. ALL ELECTRICAL SHALL BE NEC 2011 AND NFPA 70 COMPLIANT AND UP TO ALL CODES AND ORDINANCES REQUIRED BY LAW. ALL OUTLETS TO BE MOUNTED AT 18" ABOVE FINISHED FLOOR.
C. REFER TO REFLECTED CEILING/POWER PLAN FOR MORE INFORMATION, SHEET A-100.
D. REFER TO INDEX SHEET FOR WALL TYPES, SHEET A-002.
E. FIELD VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.
F. FIELD VERIFY EQUIPMENT LOCATIONS FOR ELECTRICAL OUTLET LOCATIONS. REFER TO ELECTRICAL PLANS.
G. REFER TO FINISH SCHEDULE SHEET FOR COLOR AND MATERIAL SECTIONS, SHEER A-600.

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ELEVATIONS SECTIONS, ROOF DETAILS

SHOOTING RANGE VESTIBULE FOR:
BANNER SHOOTING RANGE

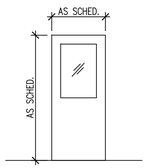
WARREN COUNTY, IOWA

BANNER LAKES AT SUMMERSET SP

NO.	BY / DATE	REVISION

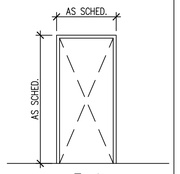
DRAWN BY:
PROJECT NUMBER: 15-05-91-01
CHK'D BY:
DATE: 12.31.2014
SHEET No: A-300

DOOR TYPES



D-1
STEELCRAFT – L18
HALF-LIGHT
POLYURETHANE INSULATED

FRAME TYPES



F-1
HOLLOW METAL

FINISH SCHEDULE

ROOM #	ROOM NAME	FLOORING	BASE	NORTH WALL FINISH	EAST WALL FINISH	SOUTH WALL FINISH	WEST WALL FINISH	CEILING	NOTES
100	VESTIBULE	CONC-1	RB-1	EB-1	EB-1	EB-1	EB-1	EB-1	ALL WALLS TO HAVE PNT-1, CEILNGS TO BE WHITE
101	EXISTING BUILDING	–	–	–	–	–	–		–

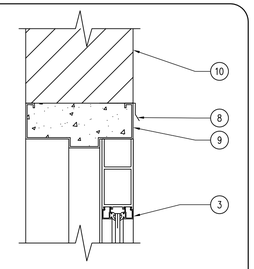
12 NOT USED
SCALE: 1 1/2" = 1'-0"

11 NOT USED
SCALE: 1 1/2" = 1'-0"

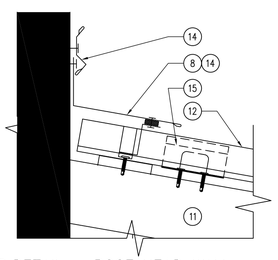
10 NOT USED
SCALE: 1 1/2" = 1'-0"

09 NOT USED
SCALE: 3" = 1'-0"

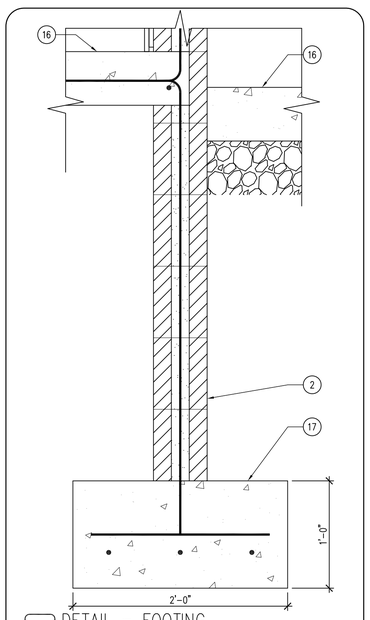
08 NOT USED
SCALE: 3" = 1'-0"



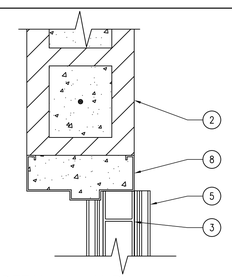
07 DOOR DETAIL – HEADER
SCALE: 3" = 1'-0"



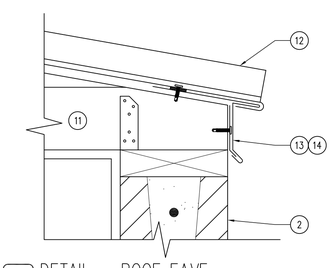
05 DETAIL – ROOF HEAD WALL
SCALE: 1 1/2" = 1'-0"



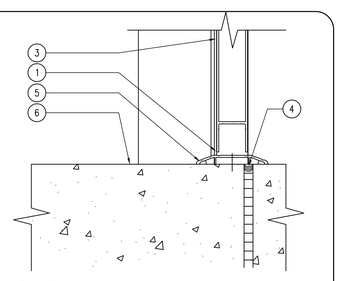
02 DETAIL – FOOTING
SCALE: 1 1/2" = 1'-0"



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



03 DETAIL – ROOF EAVE
SCALE: 1 1/2" = 1'-0"



01 DOOR DETAIL – THRESHOLD
SCALE: 3" = 1'-0"

HARDWARE TYPES

HARDWARE SET NO. 1 – DOORS: 100A

3 EA.	HINGES	FBB179 4 1/2 X 4 1/2
1 EA.	ENTRY LOCKSET	ND53PD (ATHENS)
1 EA.	DEAD BOLT	B560P
3 EA.	PERIMETER SEALS	BLACK GASKET
1 EA.	THRESHOLD SEAL	BLACK BROOM TYPE
1 EA.	CLOSER	LCN 1000 SERIES CLOSER

GENERAL NOTES

A. ALL HARDWARE MODEL NUMBERS BASED ON SCHLAGE "ND-SERIES" LOCKSETS AND "IVES" HARDWARE.
B. HARDWARE FINISH TO BE: "POLISHED CHROME (625)", UNLESS NOTED OTHERWISE.
C. CHECK ALL QUANTITIES, DIMENSIONS AND FINISHES BEFORE ORDERING.

GENERAL NOTES

1. BRUSH TYPE GASKET FOR EXTERIOR DOORS.
2. CONCRETE MASONRY UNIT STRUCTURE.
3. DOOR AS SCHEDULED.
4. CONTINOUS SEALANT.
5. ADA COMPLIANT, THRESHOLD
6. CONCRETE SLAB, REFER TO FINISH SCHEDULE.
7. WOOD BLOCKING AS REQUIRED.
8. METAL FLASHING W/ SEALANT, AS REQUIRED.
9. DOOR FRAME AS SCHEDULED.
10. CMU HEADER.
11. WOOD TRUSS WITH HANGER CLIP.
12. STEEL ROOFING, MATCH EXISTING
13. STEEL ROOFING CLEAT.
14. COUNTER FLASHING.
15. ROOFING CLIP.
16. CONCRETE SLAB.
17. CONCRETE FOOTING WITH 3 #4 REBAR CONTINUOUS AND #4 REBAR 24" O.C. VERTICAL.

FINISH DESCRIPTION

FINISH MARK	MATERIAL	MANUFACTURER INFO: COMPANY NAME	MANUFACTURER INFO: PRODUCT NUMBER	DIMENSION	COLOR	FINISH	COMMENTS
FLOOR FINISH							
CONC-1	SEALED CONCRETE	–	–	–	–	–	SMOOTH TROWEL, 2X COATS SEALER
RB-1	RUBBER BASE	JOHNSONITE	47 BROWN	4"	BROWN	–	–
EXTERIOR FINISH							
RF-1	STEEL ROOFING	MSMC	PRO-LOC II	26GA	MATCH EXISTING	KYNAR 500	FACSIA & TRIM TO MATCH
CMU-1	SPLIT-FACE CMU	–	SPLIT FACE	6"	MATCH EXISTING BUILDING	–	GROUT TO MATCH BLOCK COLOR
INTERIOR FINISH							
EB-1	ESSENTIAL WALL BOARD	REWALL	–	1/2"	PNT-1	ORANGE PEEL	–
PNT-1	WALL PAINT	SHERWIN WILLIAMS	SW6107	–	KILIM BEIGE 6107	SATIN	ONE COAT PRIME, TWO COATS PAINT

DOOR SCHEDULE

DOOR: DOOR NUMBER	DIMENSION: WIDTH	DIMENSION: HEIGHT	DIMENSION: THICK.	TYPE	GLASS	FINISH	FRAME: DETAILS: HEAD	FRAME: DETAILS: JAMB	FRAME: DETAILS: THRESHOLD	FRAME: TYPE	FRAME: FINISH	FIRE RATING LABEL	HARDWARE: SET #	HARDWARE: KEYSIDE ROOM NUMBER	COMMENTS
100	3'-0"	7'-0"	1 3/4"	D-1	MANUF.	MANUF.	07/A-600	04/A-600	01/A-600	F-1	MANUF.		1	EXT.	STEELCRAFT L18 HALF-LIGHT W/ INSUL.

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FINISH, DOOR & WINDOW SCHEDULES

SHOOTING RANGE VESTIBULE FOR:
BANNER SHOOTING RANGE

WARREN COUNTY, IOWA

BANNER LAKES AT SUMMERSET 3P

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SHEET No: A-600