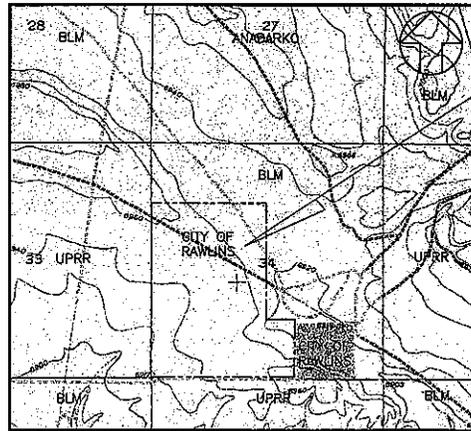


RAWLINS OUTDOOR SHOOTING COMPLEX

CITY OF RAWLINS, WYOMING

MASTER PLAN AND SCHEMATIC DESIGN



PROJECT



VICINITY MAP
NOT TO SCALE

PREPARED THROUGH
PMPC
118 E. BRIDGE AVENUE
SARATOGA, WY 82331
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PREPARED FOR
CITY OF RAWLINS
521 W. CEDAR STREET
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PREPARED BY



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MARCH 2006

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LEGEND

| EXISTING | NEW |
|---|----------------|
| SANITARY SEWER & M.H. UP TO 24" | NEW 8" P.V.C. |
| SANITARY SEWER & M.H. 30" AND LARGER | NEW 30" P.V.C. |
| FORCE MAIN UP TO 24" | NEW 8" F.M. |
| FORCE MAIN 30" AND LARGER | NEW 24" F.M. |
| STORM SEWER & M.H. UP TO 24" | 8" |
| STORM SEWER & M.H. 30" AND LARGER | 30" |
| WATER LINE | 8" |
| WATER VALVE | 8" |
| FIRE HYDRANT | 8" |
| WATER METER | 8" |
| GAS LINE & PRESSURE RATING | 8" |
| BURIED TELEPHONE CABLE OR CONDUIT & M.H. | 8" |
| BURIED ELECTRIC CABLE OR CONDUIT & M.H. | 8" |
| TELEPHONE POLE | 8" |
| POWER POLE | 8" |
| FENCE | 8" |
| PAVEMENT (NO CURB) | 8" |
| PAVEMENT W/CURB & GUTTER | 8" |
| CONCRETE SIDEWALK OR DRIVEWAY | 8" |
| RESIDENCE AND/OR BUSINESS BLDG. W/BLDG. NO. | 8" |
| CATCH BASIN | 8" |
| RIGHT-OF-WAY LINE | 8" |
| PROPERTY LINE | 8" |
| CONTOUR W/ELEVATION | 8" |
| SPOT ELEVATION | 8" |

GENERAL NOTES

- TOPOGRAPHIC SURVEY PERFORMED BY RJS CONSULTING LAND SURVEYORS DATED DECEMBER 1997. ADDITIONAL TOPOGRAPHIC SURVEY PERFORMED BY PMPD DATED SEPTEMBER 2005. BOTH SURVEYS WERE COMBINED AND USED FOR THIS PROJECT. A LOCAL COORDINATE SYSTEM WAS UTILIZED FOR BOTH SURVEYS AS DEVELOPED BY RJS CONSULTING LAND SURVEYORS IN 1997.
 - THE CONTRACTOR SHALL HAVE THE RANGE LAD OUT BY A SURVEYOR OF HIS OWN EMPLOY OR STATE REGISTERED LAND SURVEYOR AND WILL LAYOUT THE ROAD AND RANGES AS SHOWN ON THE PLANS AND HAVE IT APPROVED BY THE OWNER PRIOR TO CONSTRUCTION. HORIZONTAL AND VERTICAL CONTROL IS VERY IMPORTANT ON THIS PROJECT. AN ASBUILT DRAWING WILL BE REQUIRED AT THE END OF EACH CONSTRUCTION PHASE.
 - PROGRAM SPACE NUMBERS AS SHOWN IN THE DRAWINGS AND THE LEGEND ON SHEETS G5 AND C1 ARE DESCRIBED IN DETAIL IN SECTION 5.0 OF THE ACCOMPANYING REPORT.
- NOTE: IF DRAWINGS ARE PRINTED ON 11"x17", THE DRAWINGS ARE NOT TO SCALE OR ARE AT 1/2 SCALE
- NOTE: DO NOT CONSTRUCT FROM THESE DRAWINGS

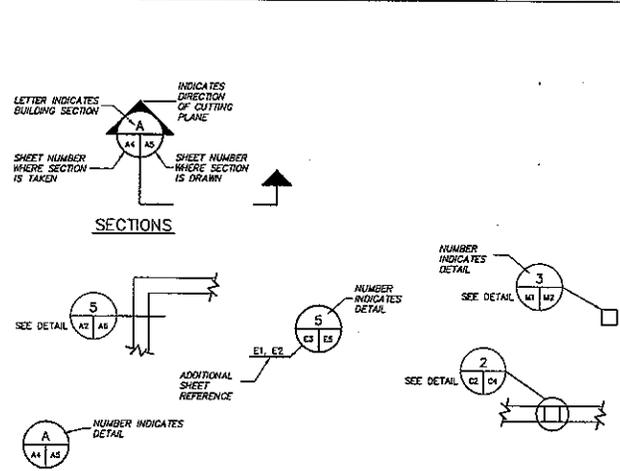
INDEX OF DRAWINGS

| DRAWING NO. | TITLE |
|---|--|
| GENERAL | |
| G1 | COVER SHEET |
| G2 | LEGEND INDEX |
| G3 | SUPERSEDED DRAWING |
| G4 | "AS BUILT" TOPOGRAPHIC SURVEY |
| G5 | MASTER SITE PLAN |
| G6 | EROSION SEDIMENT CONTROL NOTES |
| G7 | TYPICAL EROSION CONTROL |
| CIVIL | |
| C1 | KEY SITE PLAN |
| C2 | SW PARTIAL LOCATION SITE PLAN |
| C3 | SE PARTIAL LOCATION SITE PLAN |
| C4 | WEST CENTRAL PARTIAL LOCATION SITE PLAN |
| C5 | NORTH WEST PARTIAL LOCATION SITE PLAN |
| C6 | FIELD ARCHERY LOCATION SITE PLAN |
| C7 | 15 STATION SPORTING CLAYS COURSE |
| C15 | RV PARKING SITE PLAN |
| C16 | CONCRETE BLOCK SIDE WALL ALTERNATES |
| C17 | BACKSTOP AND CONCRETE BLOCK RETAINING WALL DETAILS AND SECTIONS |
| C18 | TYPICAL BACKSTOPS |
| C19 | TYPICAL EROSION CONTROLS DETAILS |
| C20 | TYPICAL GRAVEL ROAD SECTIONS AND DETAILS |
| C21 | TYPICAL MISCELLANEOUS FENCING DETAILS |
| C22 | TYPICAL SECTIONS AND DETAILS |
| RIFLE AND PISTOL DISCIPLINE (RP) | |
| RP1 | TYPICAL TARGET RANGE NOMENCLATURE AND SURFACE DANGER ZONES |
| RP2 | 1000 YD. RANGE PLAN AND SECTION |
| RP3 | PISTOL BAY PLAN |
| RP5 | MOVING TARGET AND BULLS EYE RANGE PLAN |
| RP6 | ACTION PISTOL AND FALLING PLATE RANGE PLANS |
| RP8 | FIXED HIGHPOWER TARGET FRAME AND SMALL BORE TARGET FRAME |
| RP10 | PISTOL LINE SHOOTING BENCH DETAILS AND SECTIONS |
| RP11 | COVERED 100 YD |
| RP13 | FIRING LINE STORAGE SHED PLAN AND ELEVATION |
| RP14 | INDIVIDUAL PISTOL SHELTER PLAN, ELEVATIONS, SECTIONS AND DETAILS |
| RP15 | RANGE NUMBER BOARD AND TARGET FRAMES |
| RP16 | TYPICAL BUTT SECTION |
| SHOTGUN DISCIPLINE (SG) | |
| SG1 | TRAP FIELD PLAN |
| SG2 | SKEET FIELD PLAN |
| SG3 | COMBINATION SKEET AND TRAP FIELD PLAN |
| SG4 | S STAND SKEET FIELD OVERLAY |
| SG8 | SKEET FIELD PROTECTIVE FENCE |
| SG9 | LATTICE SHELTER DETAILS |
| SG10 | SHOTGUN PAD PLAN AND DETAILS |
| ARCHERY DISCIPLINE (AR) | |
| AR1 | STATIC ARCHERY COMPLEX PLAN |
| AR2 | ELEVATED ARCHERY RANGE PLAN AND SECTION |
| AR3 | ELEVATED ARCHERY RANGE SECTIONS AND DETAILS |
| AR4 | A.D.A. AT GRADE ARCHERY RANGE PLAN AND SECTION |
| SITE AMENITIES (SA) | |
| SA1 | RANGE SIGNS, PLANS AND DETAILS |
| SA3 | 386 SF TARGET STORAGE BUILDING PLAN AND DETAILS |
| SA4 | PAVILION PLAN |
| SA5 | PAVILION ELEVATION 1 |
| SA6 | ADMINISTRATIVE BUILDING PLAN |
| SA7 | ADMINISTRATIVE BUILDING ELEVATION |
| SA8 | RESTROOM FLOOR PLAN AND ELEVATIONS |
| SA9 | INTERIOR ELEVATIONS |
| ELECTRICAL | |
| E1 | TYPICAL TRAP FIELD LIGHTING |
| E2 | TYPICAL SKEET FIELD LIGHTING |
| E3 | SKEET FIELD WIRING DIAGRAM |
| E4 | TYPICAL COMBINATION SKEET AND TRAP FIELD POWER SUPPLY |
| E5 | TYPICAL 50 YARD RANGE LIGHTING PLAN |

ABBREVIATIONS

| | | | | | |
|----------|--|----------|----------------------------------|--------|--------------------------|
| A | ARC LENGTH | B.V. | INVERT | R | RADIUS |
| ACT. | ACTUAL DATA | GOV. | GOVERNMENT | R.C.P. | REINFORCED CONCRETE PIPE |
| ADD. | ADDITIONAL | H/W | HEADWALL | R.D. | ROAD |
| ADJ. | ADJACENT | N.C. | NORTH CURB | R.E. | REAL ESTATE NUMBER |
| A.K. | ANGLE POINT | N.H. | NORTH HIGHWAY | R.F. | RECORD |
| AUTN. | AUTOMATIC | IN. | INCHES (DISTANCE) | R.F. | REFERENCE |
| A.V. | ANVISED | J.P. | JACKSONVILLE | R.F. | REFERENCE |
| BK. | BOOK | J.E.A. | JACK. ELECTRIC AUTHORITY | R.F. | REFERENCE |
| B/L | BASE LINE | J.W.W. | JACK. WATER WORKS | R.F. | REFERENCE |
| B.M. | BENCHMARK | LX | LAKE | R.F. | REFERENCE |
| B.LK. | BLOCK | L.L. | LEFT | R.F. | REFERENCE |
| B.R. | BROOK | L.C. | LENGTH OF CURVE | R.F. | REFERENCE |
| B.LD. | BUILDING | L.W. | LIMIT WOOD | R.F. | REFERENCE |
| B.LD. | BUILDING RESTRICTION LINE | L.A. | LIMITED ACCESS | R.F. | REFERENCE |
| B.R.L. | BUILDING RESTRICTION LINE | L.C. | LIMITS OF CONVEYANCE | R.F. | REFERENCE |
| CA. | CALCULATED | L.C. | LOW CURB | R.F. | REFERENCE |
| CA | CAMPION | U | UNION | R.F. | REFERENCE |
| C.A. | CASE WORK | M/H | MANNING | R.F. | REFERENCE |
| C.B. | CATCH BASIN | M/L | METERS | R.F. | REFERENCE |
| C | CEAN TREE | M.O. | MIDDLE ORDNATE | R.F. | REFERENCE |
| C.L. | CENTER LINE | M.N. | MINUTES (ANGLES) | R.F. | REFERENCE |
| C.L.F. | CHALK LINE FENCE | MOR. | MORNING | R.F. | REFERENCE |
| CL | CHAINED | NAC | NAIL AND CAP | R.F. | REFERENCE |
| CL | CHAINS LENGTH | NAT | NAIL AND TAP | R.F. | REFERENCE |
| C.P. | CITY ELEC. POLE | N.M. | NAIL AND NISHER | R.F. | REFERENCE |
| C.S. | CONCRETE BLOCK | N.G.V.D. | NATIONAL GEODETIC VERTICAL DATUM | R.F. | REFERENCE |
| CH | CHAINS | N.V.D. | NATIONAL VERTICAL DATUM | R.F. | REFERENCE |
| C.I. | CIRCLE | N. | NORTH | R.F. | REFERENCE |
| C.C. | CONCRETE | N.S. | NOT TO SCALE | R.F. | REFERENCE |
| CONC. | CONCRETE | N.D. | NUMBER | R.F. | REFERENCE |
| CONSTR. | CONSTRUCTION | O | ON | R.F. | REFERENCE |
| COR. | CORNER | O.R.V. | OFFICIAL RECORDS VOLUME | R.F. | REFERENCE |
| C.M.P. | CORROGATED METAL PIPE | O-H | ON HEAD | R.F. | REFERENCE |
| CT. | COURT | P | PAGE | R.F. | REFERENCE |
| CTR. | CURB AND GUTTER | P.M. | PERMANENT REFERENCE POINT | R.F. | REFERENCE |
| C&G | CURB AND GUTTER | PL | PLACEMENT | R.F. | REFERENCE |
| D | DEGREE OF CURVE | PL | PLATE | R.F. | REFERENCE |
| D.B. | DEED BOOK | P | PLAT | R.F. | REFERENCE |
| DEF. | DEFLECTION | P.O.B. | POINT OF BEGINNING | R.F. | REFERENCE |
| D | DEGREE | P.O.C. | POINT OF COMPOUNDING | R.F. | REFERENCE |
| D.E.A. | DEPARTMENT OF ENVIRONMENTAL REGULATION | P.C.C. | POINT OF COMPOUND CURVE | R.F. | REFERENCE |
| D.N.R. | DEPARTMENT OF NATURAL RESOURCES | P.C. | POINT OF CURVATURE | R.F. | REFERENCE |
| D.R. | DRIVE | P.I. | POINT OF INTERSECTION | R.F. | REFERENCE |
| D/W | DRIVEWAY | P.P.C. | POINT OF REVERSE CURVE | R.F. | REFERENCE |
| ES&T | EASEMENT | P.L. | POINT OF TANGENCY | R.F. | REFERENCE |
| E | EAST | P.P. | POINT OF TANGENCY | R.F. | REFERENCE |
| ELM | ELECTRIC METER | P.P.C. | POINT OF REVERSE CURVE | R.F. | REFERENCE |
| E.P. | EDGE OF PAVEMENT | P.P. | POINT OF INTERSECTION | R.F. | REFERENCE |
| ELEC. | ELECTRIC | P.P.C. | POINT OF COMPOUND CURVE | R.F. | REFERENCE |
| ELEV. | ELEVATION | P.P. | POINT OF INTERSECTION | R.F. | REFERENCE |
| EL | ELEVATION | P.P.C. | POINT OF COMPOUND CURVE | R.F. | REFERENCE |
| ENST. | ENDING | P.P. | POINT OF INTERSECTION | R.F. | REFERENCE |
| F | FIELD | P.P.C. | POINT OF COMPOUND CURVE | R.F. | REFERENCE |
| F.A.C. | FLORIDA ADMINISTRATIVE CODE | P.P. | POINT OF INTERSECTION | R.F. | REFERENCE |
| FT | FEET (DISTANCES) | P.P.C. | POINT OF COMPOUND CURVE | R.F. | REFERENCE |
| F.M. | FORCE MAIN | P.P. | POINT OF INTERSECTION | R.F. | REFERENCE |
| F.O.D.T. | FLORIDA DEPARTMENT OF TRANSPORTATION | P.P.C. | POINT OF COMPOUND CURVE | R.F. | REFERENCE |
| F.B. | FIELD BOOK | P.P. | POINT OF INTERSECTION | R.F. | REFERENCE |
| F.L. | FIELD LINE | P.P.C. | POINT OF COMPOUND CURVE | R.F. | REFERENCE |
| F.V. | FIELD VALVE | P.P. | POINT OF INTERSECTION | R.F. | REFERENCE |
| F.D. | FIELD DRIVE | P.P.C. | POINT OF COMPOUND CURVE | R.F. | REFERENCE |
| F.M. | FORCE MAIN | P.P. | POINT OF INTERSECTION | R.F. | REFERENCE |

DRAWING SYMBOLS



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SCHEMATIC DESIGN

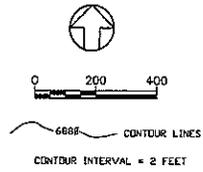
RAWLINS OUTDOOR SHOOTING COMPLEX CITY OF RAWLINS, WYOMING



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PROJECT NO. 00011.01
SHEET 2 OF 58

G2



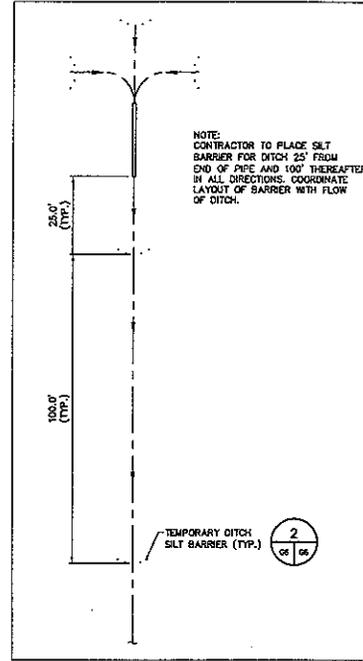
G4

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| <p>C. VARGAS & ASSOCIATES, LTD. <small>REGISTERED PROFESSIONAL ENGINEERS AND ARCHITECTS STATE OF WYOMING</small></p> | | <p>DATE: 09/09/08 DRAWN BY: C. VARGAS CHECKED BY: [Signature]</p> | <p>SCALE: [Blank]</p> |
| <p>C.A.D. FILE</p> | <p>PROJECT NO. 0501101</p> | | |
| <p>APPROVED FOR CONSTRUCTION: [Signature]</p> | | <p>DATE: [Blank]</p> | <p>BY: [Blank]</p> |
| <p>SCHEMATIC DESIGN</p> | | | |
| <p>RAWLINS OUTDOOR SHOOTING COMPLEX</p> | | | |
| <p>CITY OF RAWLINS, WYOMING</p> | | | |
| <p>"AS BUILT" TOPOGRAPHIC SURVEY CONTOUR MAP</p> | | | |

EROSION AND SEDIMENT CONTROL GENERAL NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING SILT FROM SITE, NOT REUSABLE ON-SITE AND ASSURING PLAN ALIGNMENT AND GRADE IN ALL DITCHES AND SWALES AT COMPLETION OF CONSTRUCTION.
2. THE SITE CONTRACTOR IS RESPONSIBLE FOR REMOVING THE TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES AFTER COMPLETION OF CONSTRUCTION AND ONLY WHEN AREAS HAS BEEN STABILIZED.
3. ADDITIONAL PROTECTION - ON-SITE PROTECTION IN ADDITION TO THE ABOVE MUST BE PROVIDED THAT WILL NOT PERMIT SILT TO LEAVE THE PROJECT CONFINES DUE TO UNSEEN CONDITIONS OR ACCIDENTS.
4. CONTRACTOR INSURE THAT ALL DRAINAGE STRUCTURES, PIPES, ETC. ARE CLEANED OUT AND WORKING PROPERLY AT TIME OF ACCEPTANCE.
5. BALES SHALL BE EITHER WIRE-BOUND OR STRING TIED WITH THE BINDINGS ORIENTED AROUND THE SIDES RATHER THAN OVER AND UNDER THE BALES.
6. THE FILTER BARRIER SHALL BE ENTRENCHED AND BACKFILLED, A TRENCH SHALL BE EXCAVATED TO A MINIMUM DEPTH OF 8 INCHES. AFTER TWO BALES ARE STAKED, THE EXCAVATED SOIL SHALL BE BACKFILLED AND COMPACTED AGAINST THE FILTER BARRIER.
7. EACH BALE SHALL BE SECURELY ANCHORED AND HELD IN PLACE BY AT LEAST TWO STAKES OR REBARS DRIVEN THROUGH THE BALE.
8. LOOSE STRAW SHOULD BE WEDGED BETWEEN BALES TO PREVENT WATER FROM ENTERING BETWEEN BALES.
9. STRAW BALES BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL.
10. CLOSE ATTENTION SHALL BE PAID TO THE REPAIR OF DAMAGED BALES, END RUNS AND UNDERCUTTING BENEATH BALES.
11. NECESSARY REPAIRS TO BARRIERS OR REPLACEMENT OF BALES SHALL BE ACCOMPLISHED PROMPTLY.
12. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE STRAW BALE BARRIER IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM TO THE EXISTING GRADE, PREPARED AND SEEDDED.
13. SILT FENCES AND FILTER BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
14. SHOULD THE FABRIC ON SILT FENCE OR FILTER BARRIER DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE BARRIER STILL BE NECESSARY, THE FABRIC SHALL BE REPLACED PROMPTLY.
15. SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT. THEY MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY ONE THIRD THE HEIGHT OF THE BARRIER.
16. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SILT FENCE OR FILTER BARRIER IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM WITH THE EXISTING GRADE, PREPARED AND SEEDDED.
17. THE STRUCTURE SHALL BE INSPECTED AFTER EACH RAIN AND REPAIRS MADE AS NEEDED.
18. SEDIMENT SHALL BE REMOVED AND THE TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO ONE THIRD THE DESIGN DEPTH OF THE TRAP. REMOVED SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE.
19. THE CONTRACTOR IS RESPONSIBLE FOR FOLLOWING THE BEST EROSION AND SEDIMENT CONTROL PRACTICES AS OUTLINED IN THE PLANS, SPECIFICATIONS AND CITY OF RAWLINS, WYOMING SPECIFICATIONS AND CRITERIA.
20. ALL DISTURBED AREAS SHALL BE GRASSSED, FERTILIZED, MULCHED AND MAINTAINED UNTIL A PERMANENT VEGETATIVE COVER IS ESTABLISHED.
21. SOG SHALL BE PLACED IN AREAS WHICH MAY REQUIRE IMMEDIATE EROSION PROTECTION TO INSURE WATER QUALITY STANDARDS ARE MAINTAINED.
22. ANY DISCHARGE FROM DEWATERING ACTIVITY SHALL BE FILTERED AND CONVEYED TO THE OUTFALL IN A MANNER WHICH PREVENTS EROSION AND TRANSPORTATION OF SUSPENDED SOLIDS TO THE RECEIVING OUTFALL.
23. ALL DISTURBED AREAS TO BE STABILIZED THROUGH COMPACTION, SILT SCREENS, HAY BALES, AND GRASSING. ALL FILL SLOPES 3:1 OR STEEPER TO RECEIVE STAKED SOG.
24. ALL DEWATERING, EROSION, AND SEDIMENT CONTROL TO REMAIN IN PLACE AFTER COMPLETION OF CONSTRUCTION AND REMOVED ONLY WHEN AREAS HAVE STABILIZED.
25. THIS PLAN INDICATES THE MINIMUM EROSION AND SEDIMENT MEASURES REQUIRED FOR THIS PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR MEETING ALL APPLICABLE RULES, REGULATIONS AND WATER QUALITY GUIDELINES AND MAY NEED TO INSTALL ADDITIONAL CONTROLS.
26. THE CONTRACTOR SHALL BE REQUIRED TO RESPOND TO ALL COUNTY OR STATE INQUIRIES, RELATIVE TO COMPLIANCE WITH EROSION AND SEDIMENTATION CONTROL. THE COST OF THIS COMPLIANCE SHALL BE PART OF THE CONTRACT.



TYPICAL SILT BARRIER DITCH LAYOUT

SCALE: 1=20

SCHEMATIC DESIGN

RAWLINS OUTDOOR SHOOTING COMPLEX CITY OF RAWLINS, WYOMING

EROSION SEDIMENT CONTROL NOTES

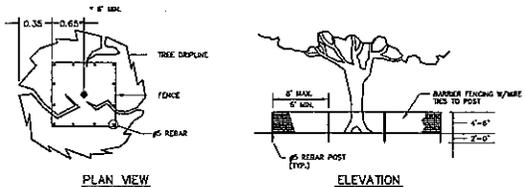


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SHEET
6 OF 58

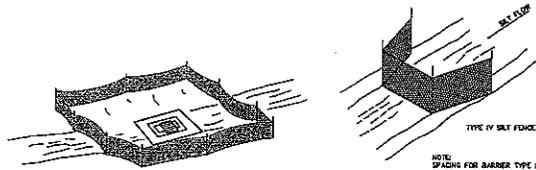
06

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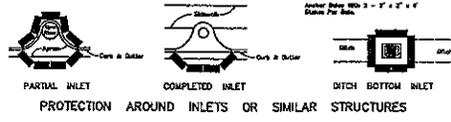


TREE PROTECTION FENCING DETAIL
NOT TO SCALE

TREE BARRICADE APPROVAL: OBTAIN APPROVAL OF TREE BARRICADES BEFORE BEGINNING CLEARING OPERATIONS OR ANY SITE DEVELOPMENT.



NOTE: SPACING FOR BARRIER TYPE III AND FENCES TYPE IV TO BE IN ACCORDANCE WITH CHART 1 THIS SHEET.



NOTES:
SPACING SHOWN IN THIS CHART ARE BASED ON GENERALIZED CONDITIONS AND SHOULD BE ADJUSTED BASED ON ACTUAL SITE PERFORMANCE OR HYDRAULIC CONDITIONS.
RECOMMENDED SPACING FOR TYPE I & II HAY BALE BARRIERS, TYPE B STAKED SILT BARRIERS, AND TYPE IV SILT FENCE.

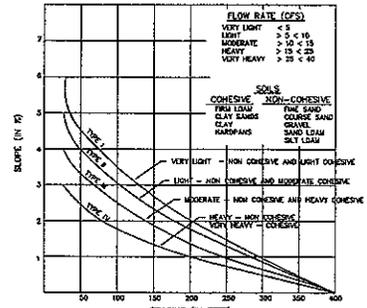
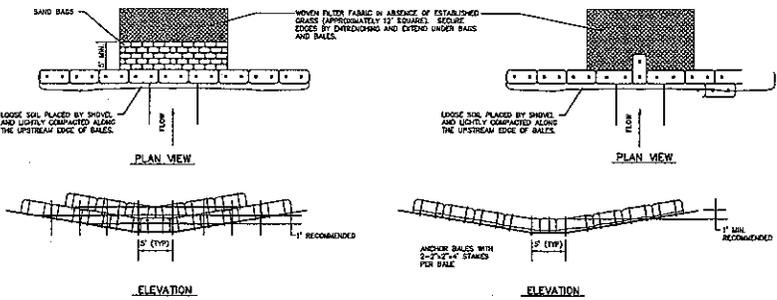


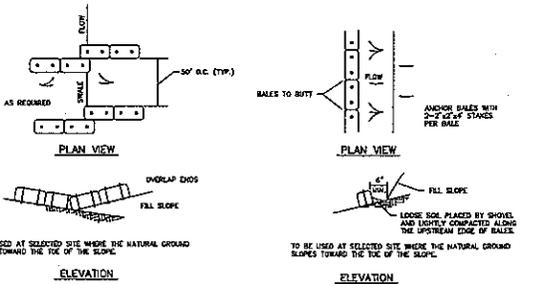
CHART 1



TYPE II BARRIERS FOR UNPAVED DITCHES

APPLICATION AND SPACING:
THE USE OF TYPE I AND TYPE II BALE BARRIERS SHOULD BE LIMITED TO THE CONDITIONS OUTLINED EXCEPT IN CHART 1 THIS SHEET.

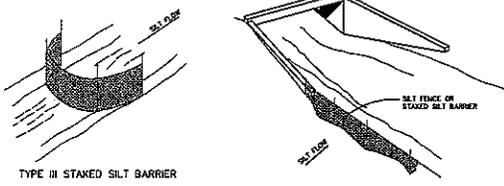
ANCHOR LOWER BALES WITH 2'-7" x 4" STAKES PER BALE. ANCHOR TOP BALES TO LOWER BALES WITH 2'-7" x 4" STAKES PER BALE.



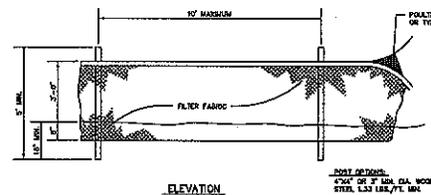
TYPE I BARRIERS FOR FILL SLOPES

TO BE USED AT SELECTED SITE WHERE THE NATURAL GROUND SLOPES TOWARD THE TOE OF THE SLOPE.

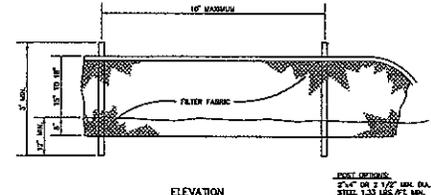
TO BE USED AT SELECTED SITE WHERE THE NATURAL GROUND SLOPES TOWARD THE TOE OF THE SLOPE.



STAKED SILT BARRIER OR SILT FENCE PROTECTION AROUND DITCH BOTTOM INLETS



SILT FENCE TYPE IV



STAKED SILT BARRIER TYPE III SILT FENCE AND STAKED SILT BARRIER APPLICATIONS

DEWATERING AND TURBIDITY CONTROL DURING CONSTRUCTION NOTES:

- BALED HAY OR STRAW BARRIERS (DETAIL 1) OR FABRIC SILT FENCES (DETAIL 2) SHALL BE INSTALLED ON ALL DITCHES AND FILL SLOPES TO PREVENT DISCHARGE OF SEDIMENT TO WETLANDS AND WATERS OF THE STATE.
- DISCHARGE FROM DEWATERING OPERATIONS SHALL BE ROUTED THROUGH DITCHES THAT ARE PROTECTED BY THE SILT FENCES OR BARRIERS.
- UNPROTECTED SOILS SHALL BE MULCHED DIRECTLY AFTER FRESH GRADING IS ACCOMPLISHED.
- CONTRACTOR SHALL USE HAY BALES OR SILT FENCE TO PREVENT SEDIMENT LADEN RUNOFF FROM ENTERING EXISTING INLETS THAT MAY BE SUBJECT TO RECEIVE RUNOFF FROM CONSTRUCTION ACTIVITIES.

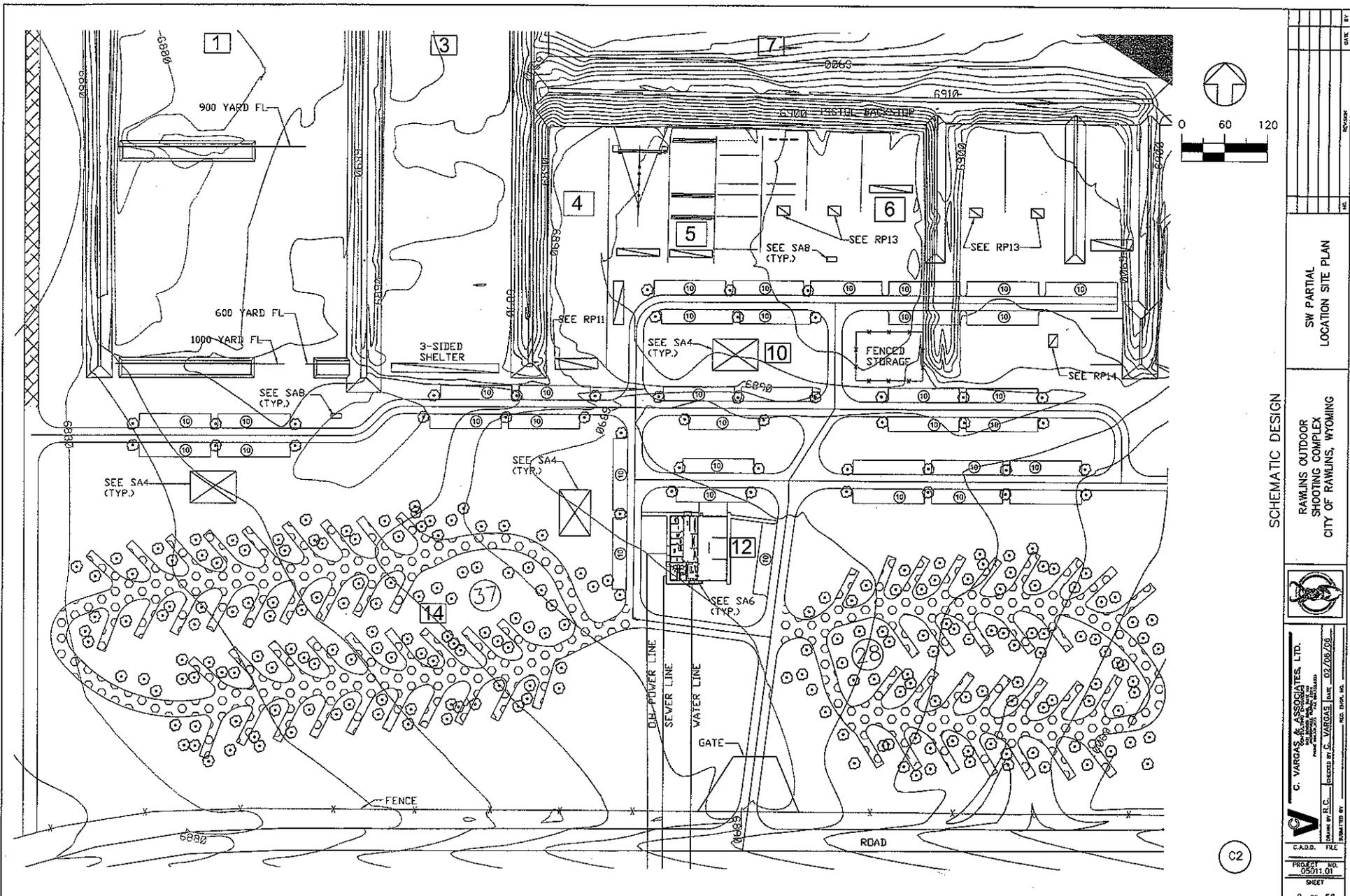
SCHEMATIC DESIGN

RAWLINS OUTDOOR SHOOTING COMPLEX CITY OF RAWLINS, WYOMING



C. VARGAS & ASSOCIATES, LTD.
1000 W. 10TH ST. SUITE 100
DENVER, CO 80202
C. VARGAS, P.E. (INCORPORATED)
C. VARGAS, P.E. (INCORPORATED)
DATE: 07/26/05
SHEET NO. 05011.01
SHEET 7 OF 58

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SCHEMATIC DESIGN

RAWLINS OUTDOOR SHOOTING COMPLEX CITY OF RAWLINS, WYOMING



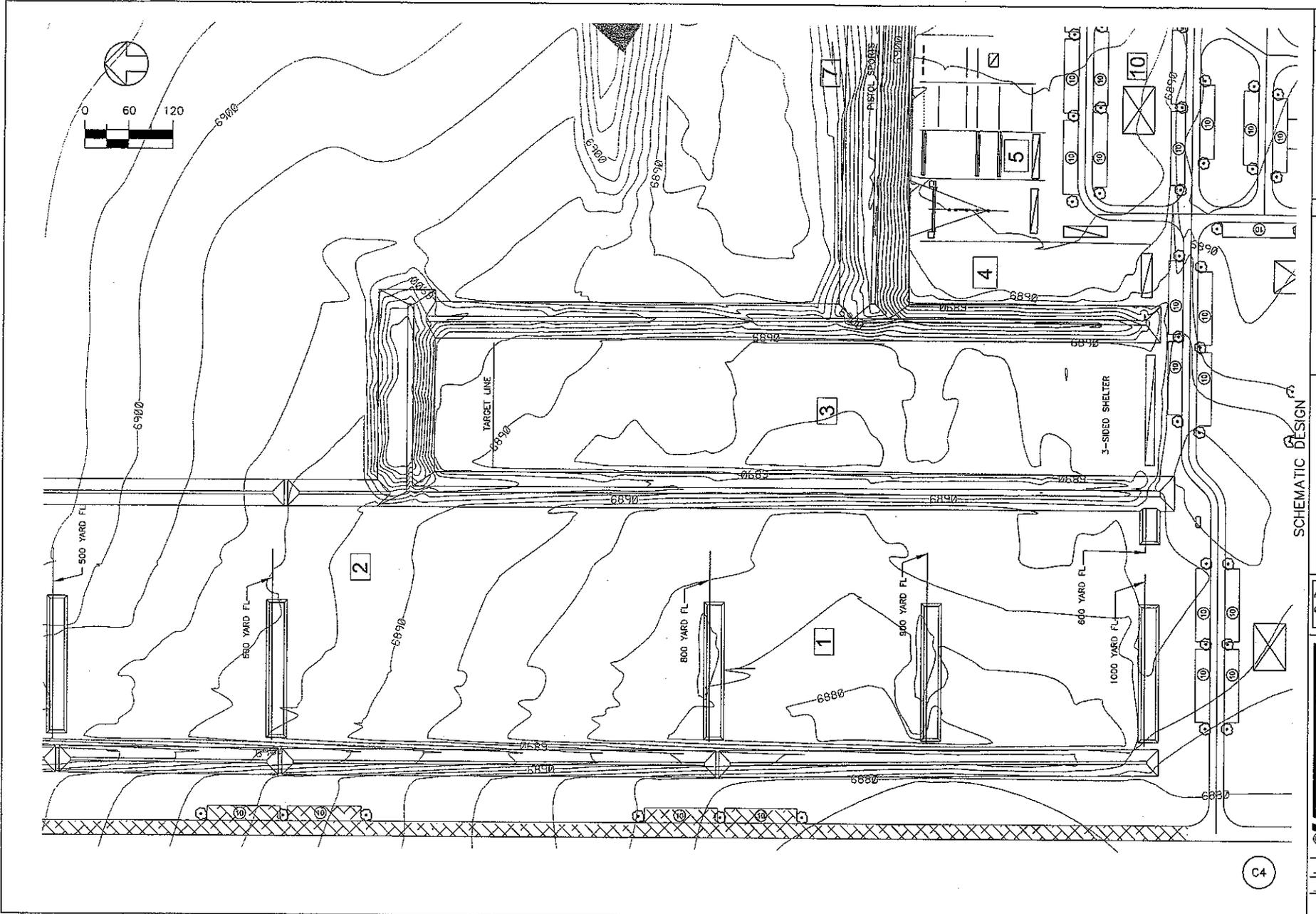
C. VARGAS & ASSOCIATES, LTD.
 ENGINEERS AND ARCHITECTS
 1000 W. 10TH ST. SUITE 100
 CHEYENNE, WYOMING 82001
 DRAWN BY R.L.G. ENGINEER BY C. VARGAS DATE 02/09/06
 REG. NO. 10000

C.A.D.D. FILE
 PROJECT NO. 05011.01
 SHEET
 9 OF 58

DATE 1 BY
 REVIEWER
 DATE 1 BY
 APPROVED FOR CONSTRUCTION DATE

C2

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| | | |
|-----|----------|------|
| NO. | REVISION | DATE |
| | | |
| | | |
| | | |

WEST CENTRAL PARTIAL
LOCATION SITE PLAN

SCHEMATIC DESIGN

RAWLINS OUTDOOR
SHOOTING COMPLEX
CITY OF RAWLINS, WYOMING



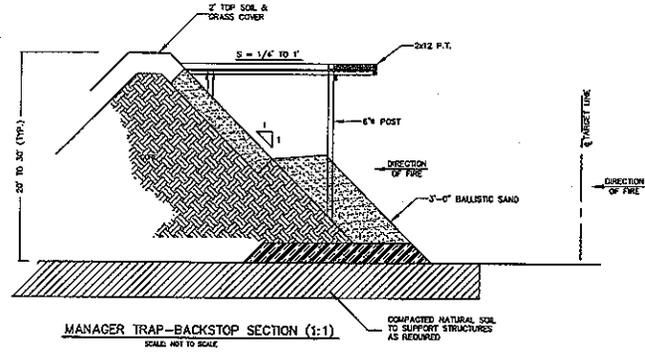
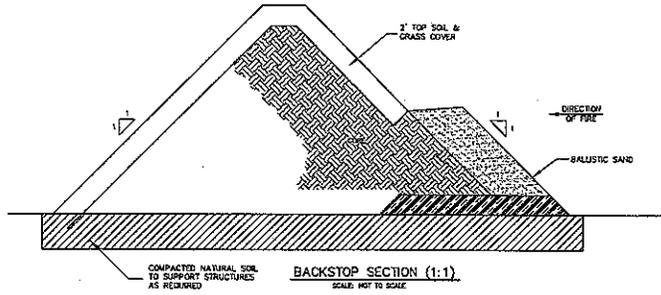
C. VARGAS & ASSOCIATES, LTD.
 ARCHITECTS
 1000 W. 10TH ST. SUITE 100
 CHEYENNE, WYOMING 82001
 DESIGNED BY: C. VARGAS DATE: 02/09/09
 DRAWN BY: DATE: 02/09/09
 CHECKED BY: DATE: 02/09/09
 APPROVED FOR CONSTRUCTION: DATE: 02/09/09

C.A.D.D. FILE
 PROJECT NO. 05011.01
 SHEET 11 of 58

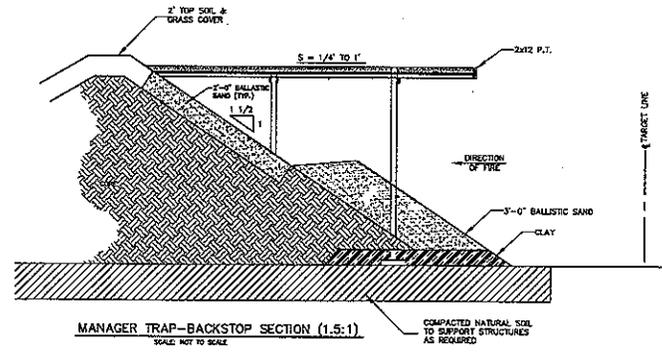
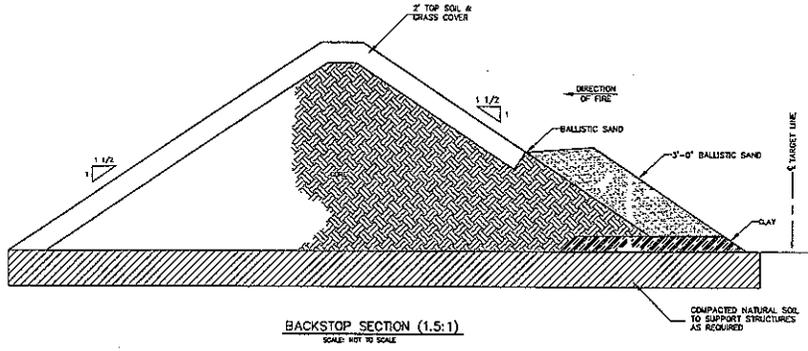
C4

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- BACKSTOP NOTES:**
1. BACKSTOPS SHALL BE CONSTRUCTED BY USING THE SAME TECHNIQUES AS TYPICAL BACKSTOPS AND SHOT REDUCER. PLACE 4"-6" OF BALLISTIC SAND IN FRONT OF BACKSTOP.
 2. TYPICAL BACKSTOPS SHALL BE 30 FEET.
 3. CORE MATERIAL SHALL BE ANY SUITABLE STRUCTURAL MATERIAL IS PERMISSIBLE.



SCHEMATIC DESIGN

RAWLINS OUTDOOR SHOOTING COMPLEX, WYOMING
CITY OF RAWLINS, WYOMING



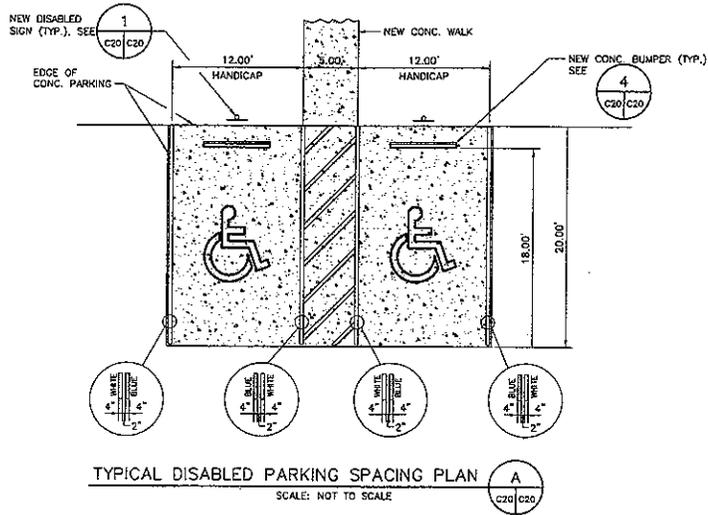
C. VARGAS & ASSOCIATES, LTD.
1000 W. 10TH STREET, SUITE 100
DENVER, CO 80202
PHONE: 303.733.1111
FAX: 303.733.1112
DESIGNED BY: S. VARGAS
DATE: 07/28/06
ISS. DRAW. NO.

C.A.D.D. FILE
PROJECT NO. 05011.01
SHEET 18 OF 58
APPROVED FOR CONSTRUCTION DATE: _____

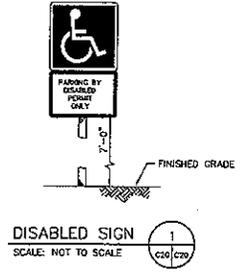
C18

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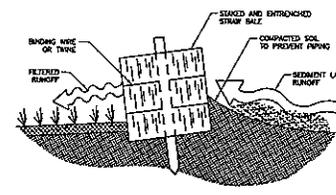
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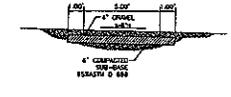
TYPICAL DISABLED PARKING SPACING PLAN
SCALE: NOT TO SCALE



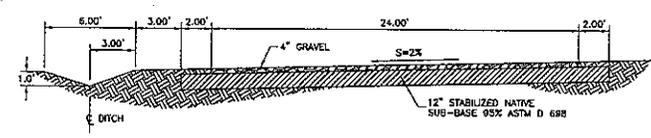
DISABLED SIGN
SCALE: NOT TO SCALE



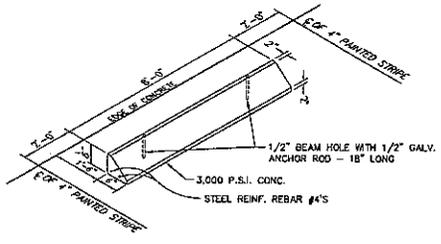
STAKED HAY BALE
SCALE: NOT TO SCALE



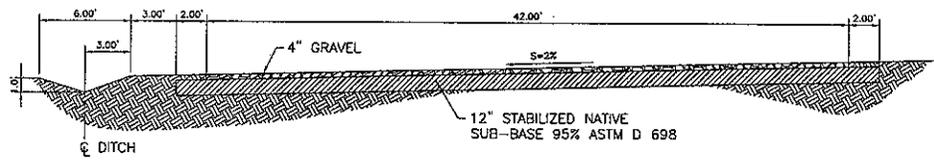
TYPICAL GRAVEL WALK
SCALE: 1"=4'



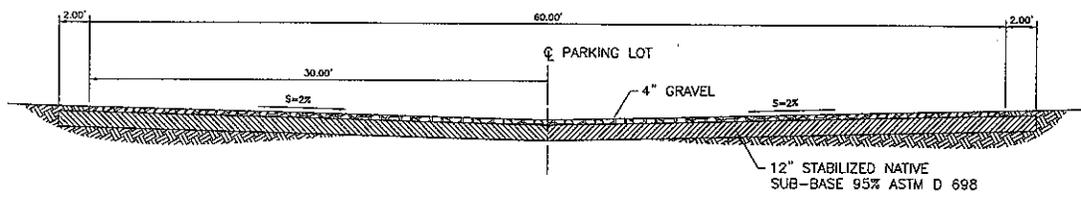
STABILIZED GRAVEL ROAD SECTION
(CROSS SLOPE)
SCALE: 1"=4'



PRECAST CONCRETE BUMPER BLOCK LAYOUT
SCALE: NOT TO SCALE



GRAVEL PARKING SECTION
(CROSS SLOPE)
SCALE: 1"=4'



TYPICAL GRAVEL PARKING SECTION
(INVERTED CROWN)
SCALE: 1"=4'

SCHEMATIC DESIGN

TYPICAL GRAVEL ROAD SECTIONS AND DETAILS
RAWLINS OUTDOOR SHOOTING COMPLEX
CITY OF RAWLINS, WYOMING



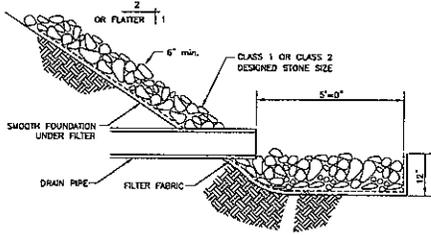
C. VAROAS & ASSOCIATES, LTD.
ENGINEERS, ARCHITECTS, PLANNERS
1000 W. 10TH ST. SUITE 100
LARAMIE, WYOMING 82001
PHONE: 307-735-1111
FAX: 307-735-1112
WWW.CVAROAS.COM
DESIGNED BY: C. VAROAS
DATE: 07/09/09
DRAWN BY: J.C. [Signature]
CHECKED BY: [Signature]
APPROVED FOR CONSTRUCTION: [Signature]

C.A.D.D. FILE: [Blank]
PROJECT NO: 05011.01
SHEET: 20 OF 58

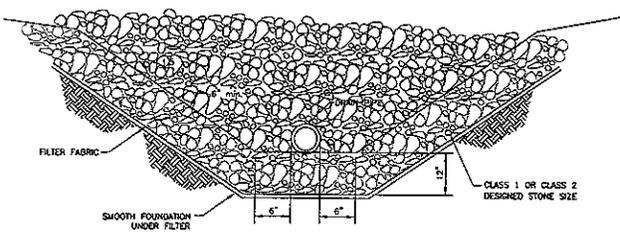
C20

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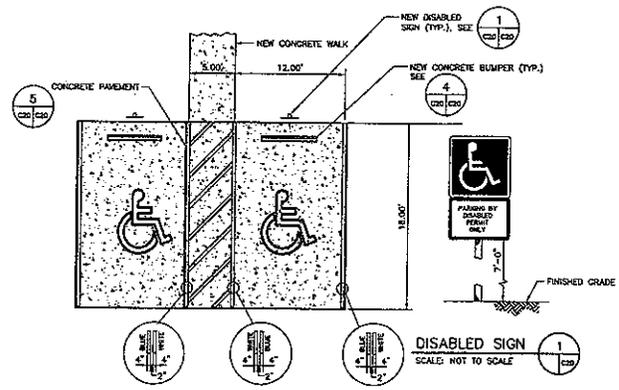


SIDE SECTION

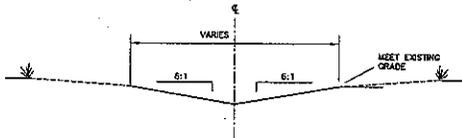


FRONT VIEW SECTION

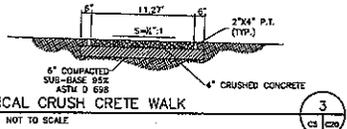
RIP RAP HEADWALL DETAIL
 SCALE: NOT TO SCALE



TYPICAL DISABLED PARKING SPACING PLAN
 SCALE: NOT TO SCALE



TYPICAL SWALE SECTION
 SCALE: NOT TO SCALE



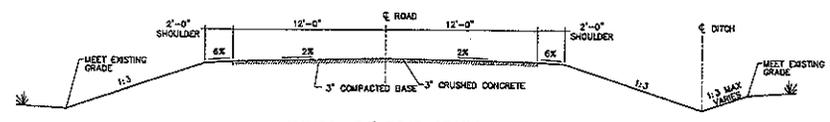
TYPICAL CRUSH CRETE WALK
 SCALE: NOT TO SCALE

NOTE: SPECIFICATIONS FOR SURFACING AGGREGATES:

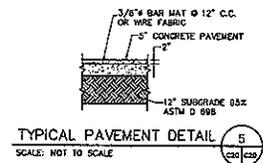
- CRUSHED ROCK
 - A. GRAVEL AGGREGATE FOR SURFACING SHALL HAVE A LOS ANGELES ABRASION LOSS PERCENTAGE OF NOT MORE THAN 40.
 - B. GRAVEL AGGREGATE FOR SURFACING SHALL HAVE A SOUNDNESS LOSS OF NOT MORE THAN 12 PERCENT BY WEIGHT AT THE END OF 5 CYCLES USING SODIUM SULFATE SOLUTION.
 - C. AGGREGATES SHALL MEET THE REQUIREMENTS IN TABLE 1033.06.
- CRUSHED CONCRETE AGGREGATE
 - A. TABLE 1033.08 CRUSHED ROCK FOR SURFACING GRADATION LIMITS PERCENT PASSING

| SIKVE SIZE | TARGET VALUE | TOLERANCE |
|------------|--------------|-----------|
| 1 INCH | 100 | +/-5 |
| 3/4 INCH | 90 | +/-12 |
| NO.4 | 73 | +/-12 |
| NO.10 | 24 | +/-11 |
| NO.50 | 9 | +/-5 |
| NO.200 | 5 | +/-2 |

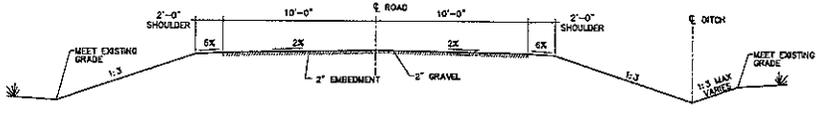
| SIKVE SIZE | TARGET VALUE | TOLERANCE |
|------------|--------------|-----------|
| 1 INCH | 100 | 0 |
| NO.4 | 40 | +/-20 |
| NO.10 | 15 | +/-15 |
| NO.50 | 5 | +/-5 |
| NO.200 | 5 | +/-5 |



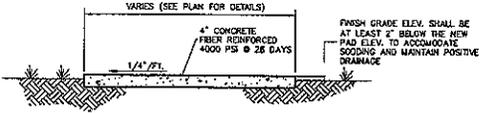
TYPICAL 24' ROAD SECTION
 CRUSHED CONCRETE SURFACING (1" GRAVEL ALTERNATE)
 SCALE: NOT TO SCALE



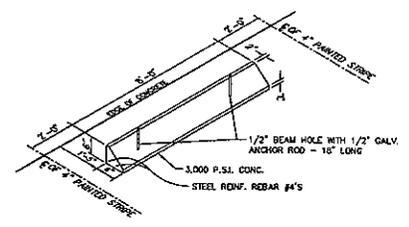
TYPICAL PAVEMENT DETAIL
 SCALE: NOT TO SCALE



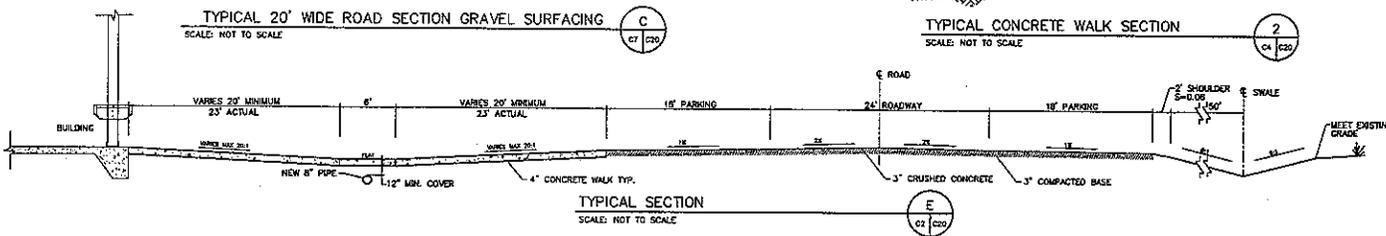
TYPICAL 20' WIDE ROAD SECTION GRAVEL SURFACING
 SCALE: NOT TO SCALE



TYPICAL CONCRETE WALK SECTION
 SCALE: NOT TO SCALE



PRECAST CONCRETE BUMPER BLOCK LAYOUT
 SCALE: NOT TO SCALE



TYPICAL SECTION
 SCALE: NOT TO SCALE

SCHEMATIC DESIGN

TYPICAL SECTIONS AND DETAILS

RAWLINS OUTDOOR SHOOTING COMPLEX
 CITY OF RAWLINS, WYOMING

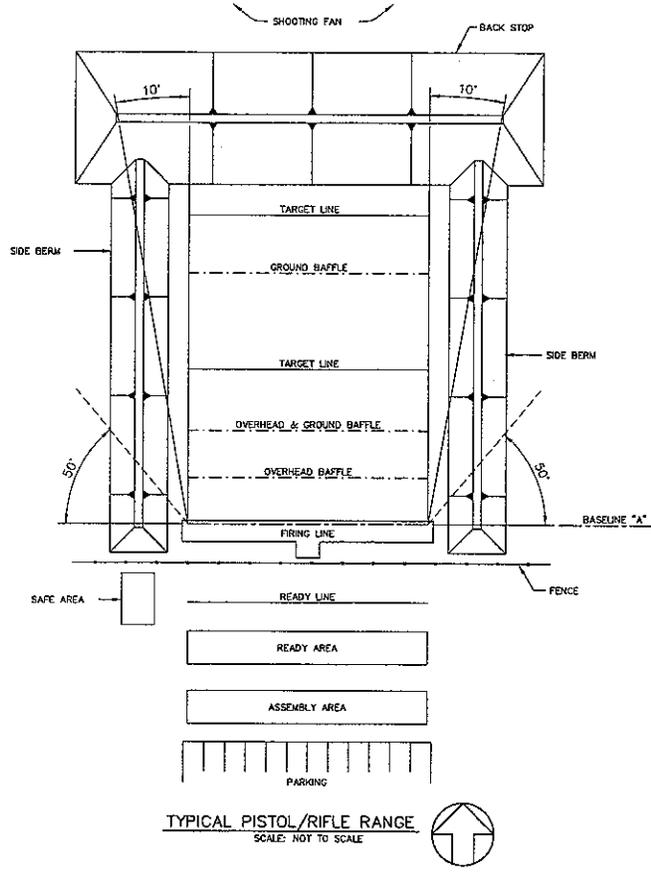


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 ENGINEERS ARCHITECTS PLANNERS
 1000 W. 10TH ST. SUITE 100
 CHEYENNE, WY 82001
 DRAWN BY: R.C. VARGAS
 CHECKED BY: C. VARGAS
 DATE: 07/20/05

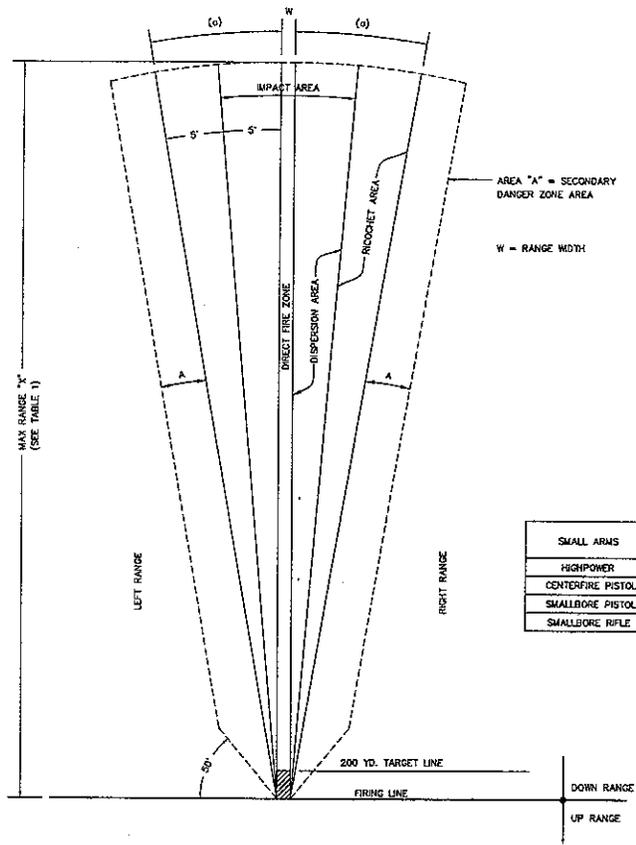
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 22 OF 58

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TYPICAL PISTOL/RIFLE RANGE
SCALE: NOT TO SCALE



| SMALL ARMS | TABLE 1 DIMENSIONS | |
|-------------------|--------------------|---------|
| | X (YDS) | A (YDS) |
| HIGHPOWER | 5249 | 110 |
| CENTERFIRE PISTOL | 2077 | 110 |
| SMALLBORE PISTOL | 1530 | 110 |
| SMALLBORE RIFLE | 1530 | 110 |

SURFACE DANGER ZONE OF A SHOOTING RANGE FOR SINGLE SMALL ARMS FIRING AT FIXED GROUND TARGETS
SCALE: NOT TO SCALE



SCHMATIC DESIGN

RAWLINS OUTDOOR SHOOTING COMPLEX
CITY OF RAWLINS, WYOMING



C. VARGAS & ASSOCIATES, LTD.
ARCHITECTS AND ENGINEERS
1000 WEST 10TH STREET
LARAMIE, WYOMING 82001
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REGISTERED PROFESSIONAL ARCHITECT
REG. NO. 103, 104

C.A.D.D. FILE
PROJECT NO. 0501101
SHEET 23 OF 58

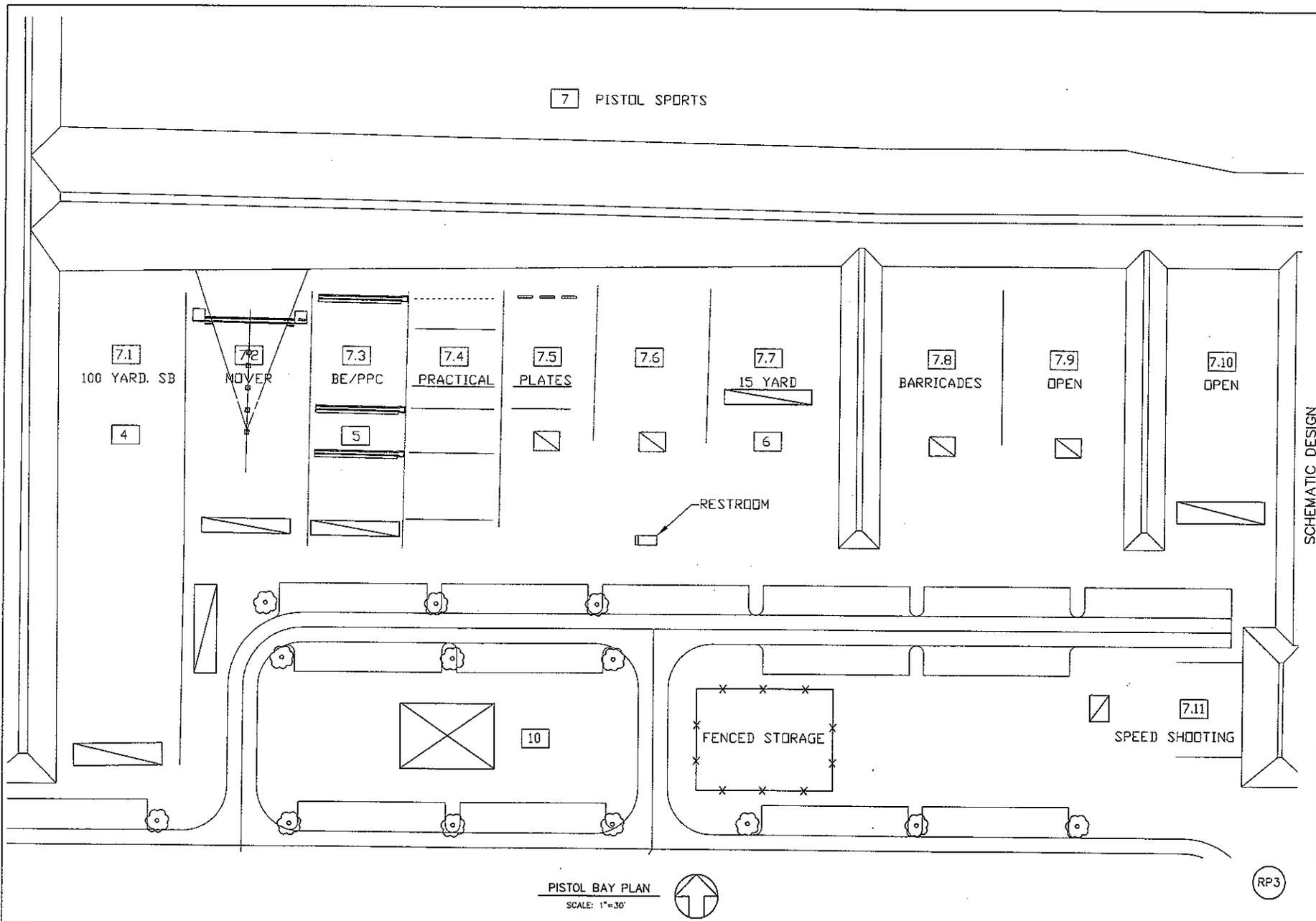
RP1

NOTE: If this drawing is printed 11"x17", this drawing is NOT TO SCALE at 1/2 SCALE

| NO. | REVISION | DATE | BY |
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DATE: APPROVED FOR CONSTRUCTION

7 PISTOL SPORTS



PISTOL BAY PLAN
SCALE: 1"=30'



RP3

| | | |
|-----|------|----|
| NO. | DATE | BY |
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SCHEMATIC DESIGN
RAWLINS OUTDOOR SHOOTING COMPLEX
CITY OF RAWLINS, WYOMING



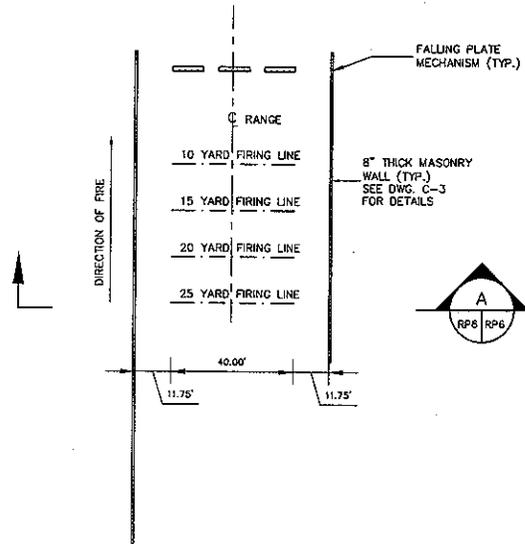
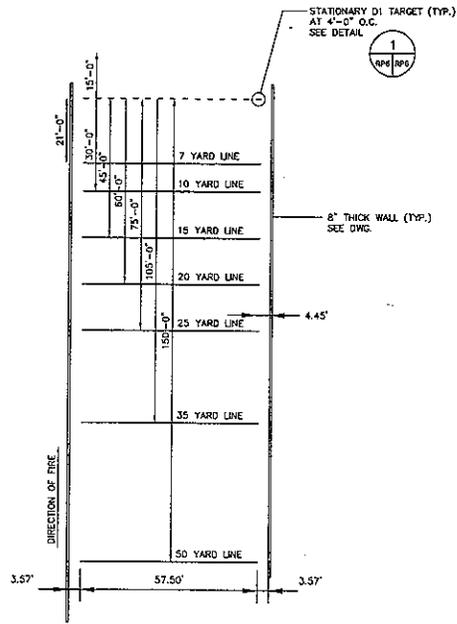
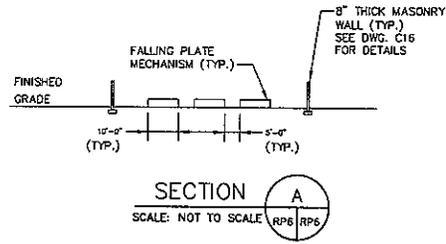
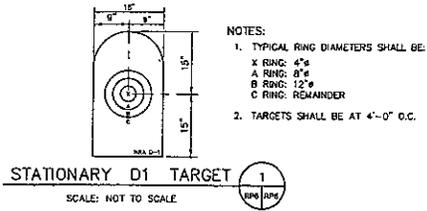
C. VARGAS & ASSOCIATES, LTD.
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1000 WEST 10TH AVENUE
DENVER, CO 80202
DESIGNED BY: C. VARGAS DATE: 02/08/06
SCALE: 1"=30'

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SHEET 25 OF 58

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SCHEMATIC DESIGN

RAWLINS OUTDOOR SHOOTING COMPLEX CITY OF RAWLINS, WYOMING

ACTION PISTOL AND FALLING PLATE RANGE PLANS



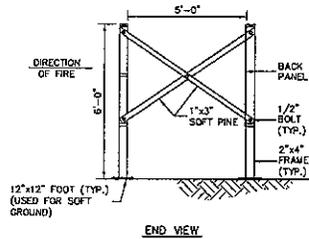
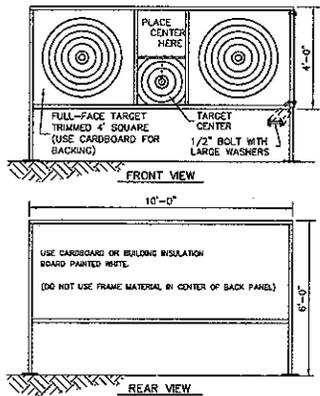
C. VARGAS & ASSOCIATES, LTD.
REGISTERED PROFESSIONAL ENGINEER
STATE OF WYOMING No. 10000
DESIGNED BY: C. VARGAS DATE: 07/09/05
DRAWN BY: R.L.C. CHECKED BY: C. VARGAS DATE: 07/09/05
APPROVED FOR CONSTRUCTION DATE: _____

PROJECT NO. 05011.01
SHEET 27 OF 58

RP6

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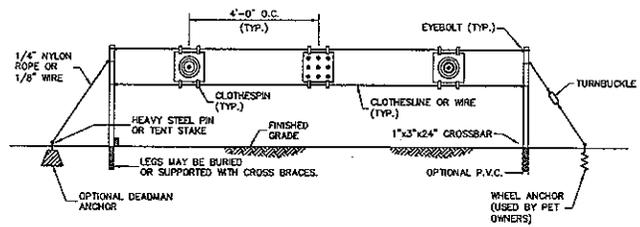
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- NOTES:**
1. USE PRESSURE TREATED PINE.
 2. MAY BE BUILT PERMANENT OR PORTABLE.
 3. BACK PANEL MAY BE OMITTED AT SHORT RANGE.
 4. PAINT BACK PANEL GLOSSY WHITE.
 5. COUNTERSINK BOLT HEADS.
 6. PASTE TARGETS ON CARDBOARD.
 7. FOR USE ON RANGES OF 200 YARDS OR LESS.

FIXED HIGHPOWER TARGET FRAME

SCALE: NOT TO SCALE



NOTE: WIRE SHALL BE MADE ADJUSTABLE TO ALLOW FOR ALL POSITIONS FROM 14 INCHES TO 55 INCHES HIGH.

SMALL BORE TARGET FRAME

SCALE: NOT TO SCALE

SCHEMATIC DESIGN

FIXED HIGHPOWER TARGET FRAME AND SMALL BORE TARGET FRAME

RAWLINS OUTDOOR SHOOTING COMPLEX CITY OF RAWLINS, WYOMING



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 ENGINEERS, ARCHITECTS AND PLANNERS
 1000 PINE ST. SUITE 100
 DENVER, CO 80202
 PHONE: 303.733.1111
 FAX: 303.733.1111
 WWW: WWW.CVARGAS.COM

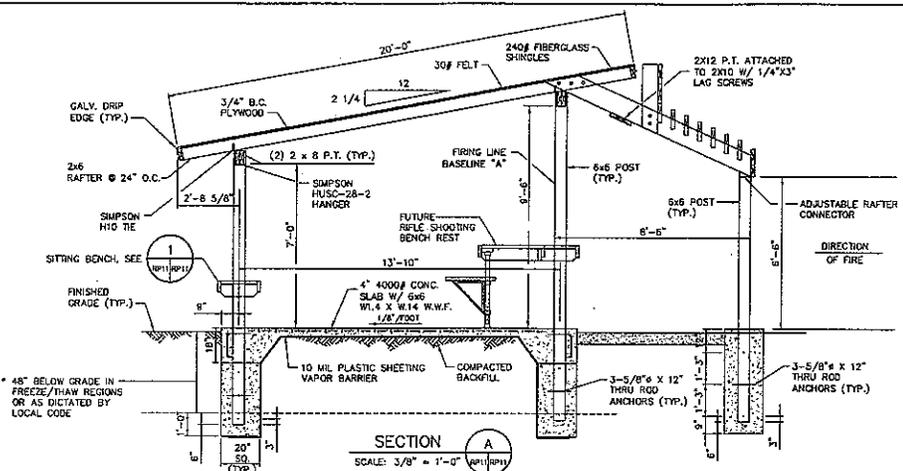
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 SHEET 28 OF 58
 DATE 07/09/05
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 CHECKED BY
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RP8

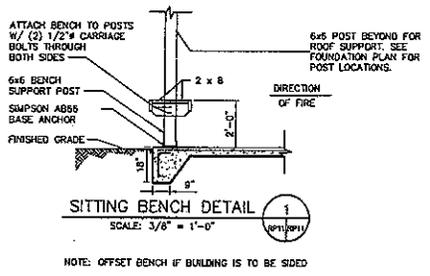
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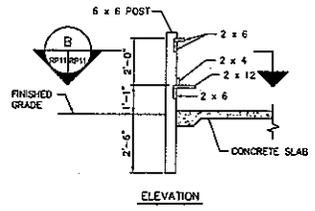
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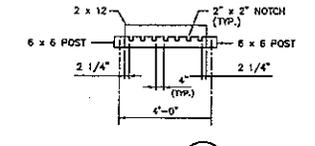
SECTION A
SCALE: 3/8" = 1'-0"



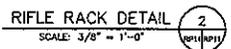
SITTING BENCH DETAIL
SCALE: 3/8" = 1'-0"



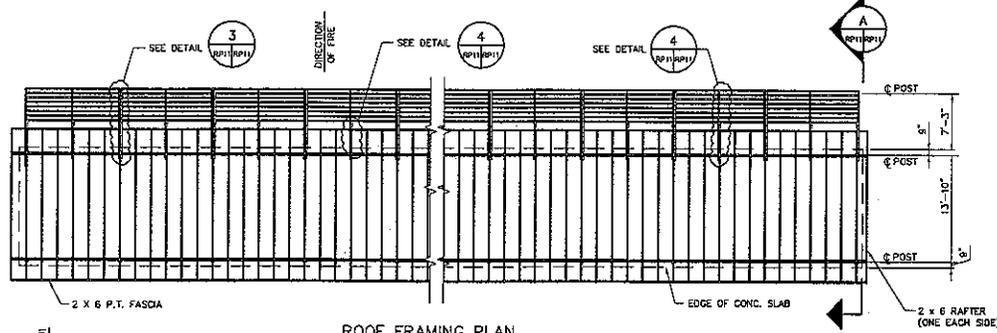
ELEVATION



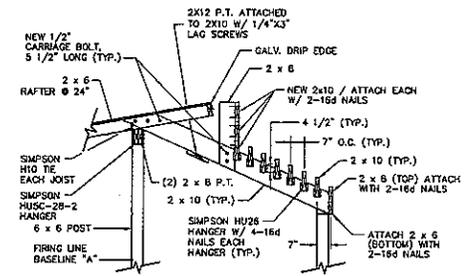
SECTION B
SCALE: 3/8" = 1'-0"



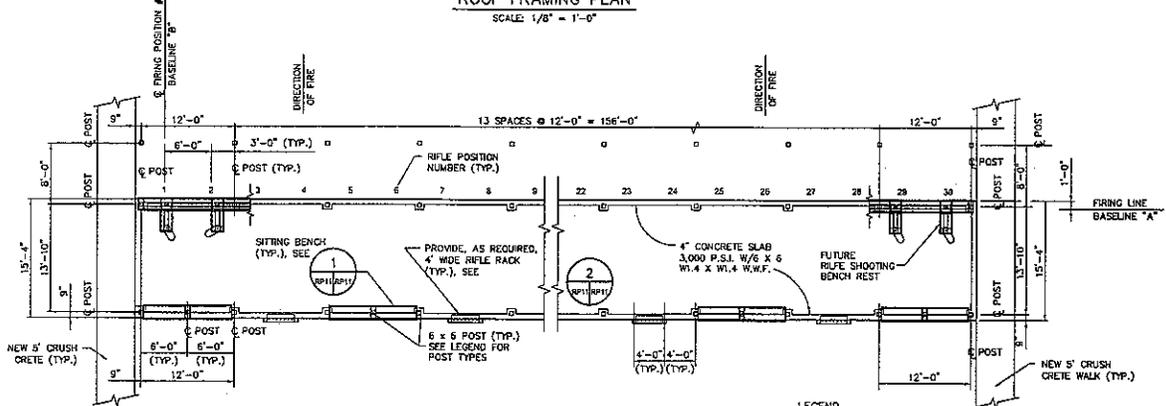
RIFLE RACK DETAIL
SCALE: 3/8" = 1'-0"



ROOF FRAMING PLAN
SCALE: 1/8" = 1'-0"

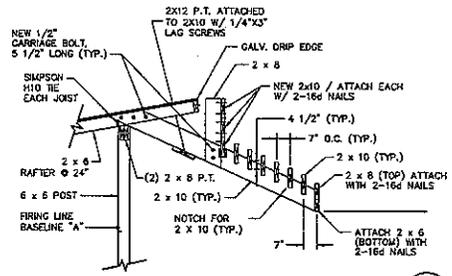


DETAIL 3
SCALE: 3/8" = 1'-0"



RIFLE SHOOTING SHED FOUNDATION PLAN
SCALE: 1/8" = 1'-0"

- LEGEND
- SHORT POST FOR SHOOTING OR SITTING BENCH
 - ROOF SUPPORT POST



DETAIL 4
SCALE: 3/8" = 1'-0"

SCHEMATIC DESIGN

COVERED 100 YARD SHELTER

RAWLINS OUTDOOR SHOOTING COMPLEX
CITY OF RAWLINS, WYOMING



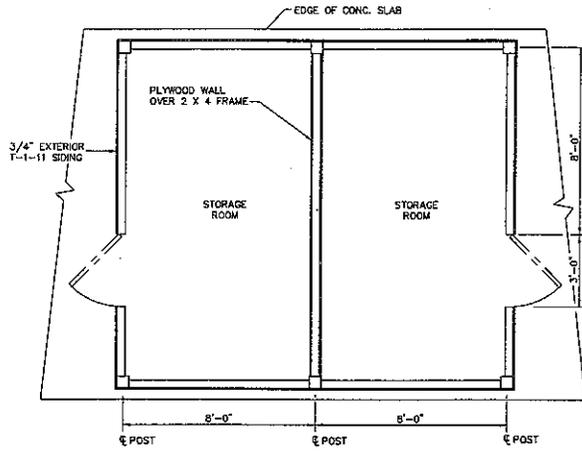
C. VARGAS & ASSOCIATES, LTD.
REGISTERED PROFESSIONAL ARCHITECTS
C. VARGAS, ARCHT. LICENSE NO. 027067/05
C. VARGAS, ARCHT. LICENSE NO. 027067/05

C.A.D.D. FILE
PROJECT NO. 05011.01
SHEET
JD OF SB

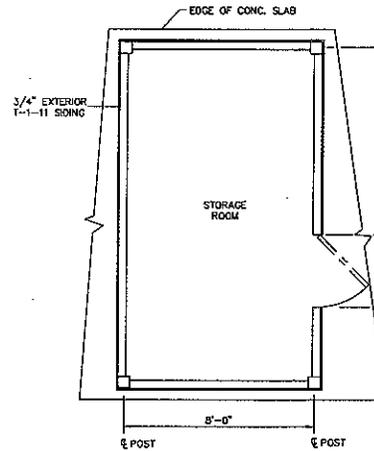
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DATE: 05/11/01
REVISION: 1
DATE: 05/11/01

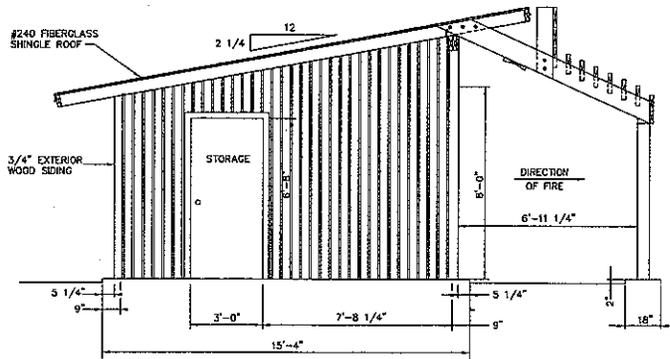
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DOUBLE STORAGE ROOM PLAN
SCALE: 3/8" = 1'-0"



SINGLE STORAGE ROOM PLAN
SCALE: 3/8" = 1'-0"



STORAGE ROOM ELEVATION A
SCALE: 3/8" = 1'-0"

NOTES:

1. CONTRACTOR TO CONSTRUCT STORAGE ROOM WITH 2 X 4 WOOD FRAME.
2. SIDING TO BE 3/4" EXTERIOR T-1-11 GROOVED.
3. TRIM TO BE WOOD #1 PINE
4. DOOR TO BE SOLID WOOD 6'-8" X 3'-0" W/ WOOD FRAME.

RP13

NOTE: If this drawing is printed 11"x17", this drawing is NOT TO SCALE or 1/2 SCALE.

SCHEMATIC DESIGN
 RAWLINS OUTDOOR
 SHOOTING COMPLEX
 CITY OF RAWLINS, WYOMING



C. VARGAS & ASSOCIATES, LTD.
 ARCHITECTS
 1000 WEST 10TH AVENUE
 DENVER, CO 80202
 DRAWN BY: C.C. ENCLOSED BY: C. VARGAS DATE: 07/09/06
 SUBMITTED BY: REG. NO. IN:

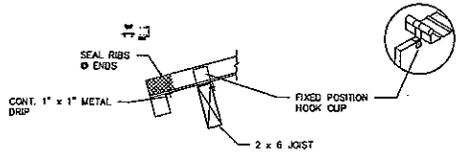
C.A.D.D. FILE
 PROJECT NO.
 0501101
 SHEET
 31 OF 58

| | |
|--------------|----------|
| DATE | 07/09/06 |
| SCALE | AS SHOWN |
| NO. | 31 |
| TOTAL SHEETS | 58 |
| PROJECT NO. | 0501101 |
| CHECKED BY | |
| DATE | |
| DESIGNED BY | |
| DATE | |
| DRAWN BY | |
| DATE | |

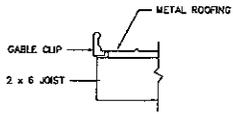
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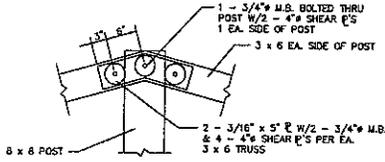
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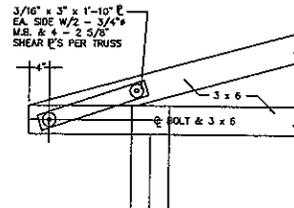
DETAIL 1
SCALE: NOT TO SCALE
RP14/09/14



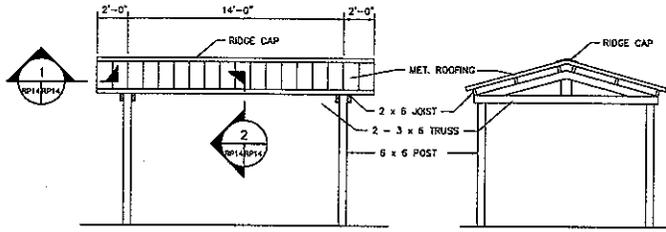
DETAIL 2
SCALE: NOT TO SCALE
RP14/09/14



DETAIL 3
SCALE: NOT TO SCALE
RP14/09/14

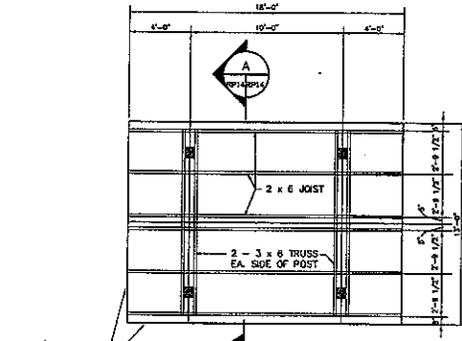


DETAIL 4
SCALE: NOT TO SCALE
RP14/09/14

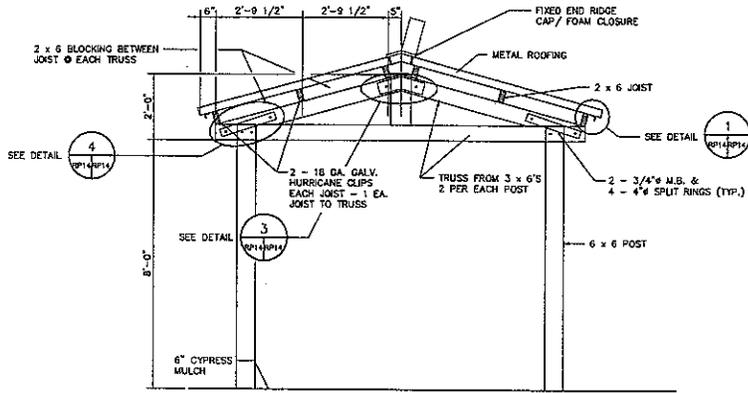


SIDE ELEVATION
SCALE: 1/4" = 1' - 0"

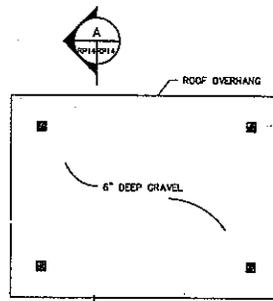
END ELEVATION
SCALE: 1/4" = 1' - 0"



ROOF FRAMING PLAN
SCALE: 1/4" = 1' - 0"



SECTION A
SCALE: 1/2" = 1' - 0"



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

SCHEMATIC DESIGN

INDIVIDUAL PICNIC
SHELTER PLAN,
ELEVATIONS SECTIONS
AND DETAILS

RAVENS OUTDOOR
SHOOTING COMPLEX
CITY OF RAWLINS, WYOMING



C. VARGAS & ASSOCIATES, LTD.
REGISTERED PROFESSIONAL ENGINEER
STATE OF WYOMING
PROJECT NO. 107
SHEET 0501.01
DESIGNED BY: C. VARGAS DATE: 02/08/08
EXAMINED BY: [Signature] DATE: [Blank]
SCALE: 1/4" = 1' - 0"

RP14

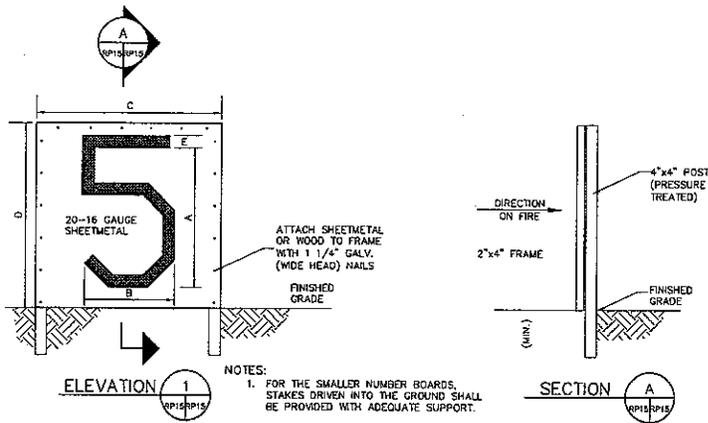
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32 of 58

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| DISTANCE | A | B | C | D | E |
|-------------------|----|----|----|----|-----|
| 100/200/300 (IBS) | 6 | 4 | 7 | 7 | 1 |
| 100 YARDS (NRA) | 10 | 6 | 14 | 14 | 1.5 |
| 200 YARDS | 24 | 12 | 24 | 24 | 2 |
| 300 YARDS | 36 | 18 | 36 | 36 | 3 |
| 500-1000 YARDS | 66 | 32 | 72 | 72 | 8 |

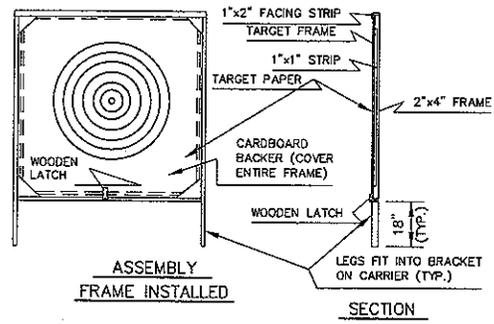
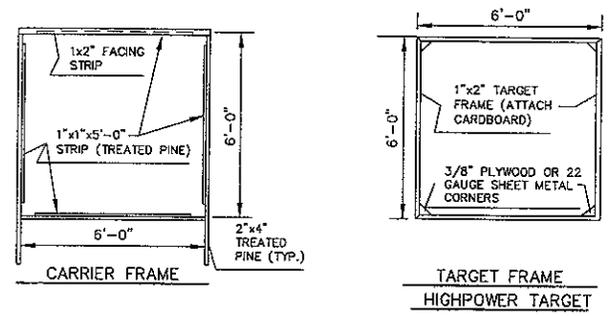
UNITS ARE GIVEN IN INCHES



RANGE NUMBER BOARD

SCALE: NOT TO SCALE

- NOTES:
- FOR THE SMALLER NUMBER BOARDS, STAKES DRIVEN INTO THE GROUND SHALL BE PROVIDED WITH ADEQUATE SUPPORT.
 - NUMBER BOARDS MAY BE ATTACHED TO THE TARGET FRAME.



HIGHPOWER TARGET FRAMES

SCALE: NOT TO SCALE

SCHEMATIC DESIGN

RAWLINS OUTDOOR SHOOTING COMPLEX CITY OF RAWLINS, WYOMING



C. VARGAS & ASSOCIATES, LTD.
ARCHITECTS AND ENGINEERS
1000 W. 10TH ST. SUITE 100
RAWLINS, WYOMING 82801
REGISTERED PROFESSIONAL ARCHITECT
REGISTERED PROFESSIONAL ENGINEER
EXERCISE OF S.C. EXERCISE OF C. VARGAS DATE 02/08/06
SUBMITTED BY: _____ REG. ENGINEER NO. _____

C.A.D.D. FILE
PROJECT NO. 05011.01
SHEET 33 OF 58

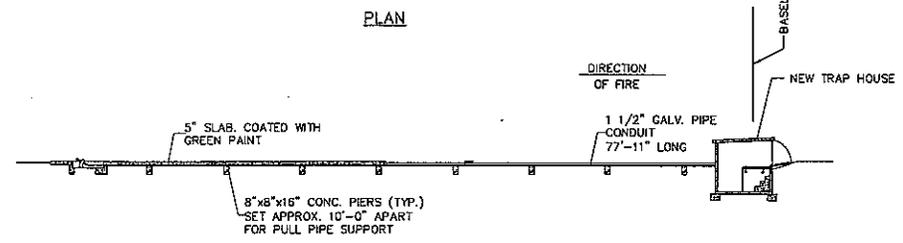
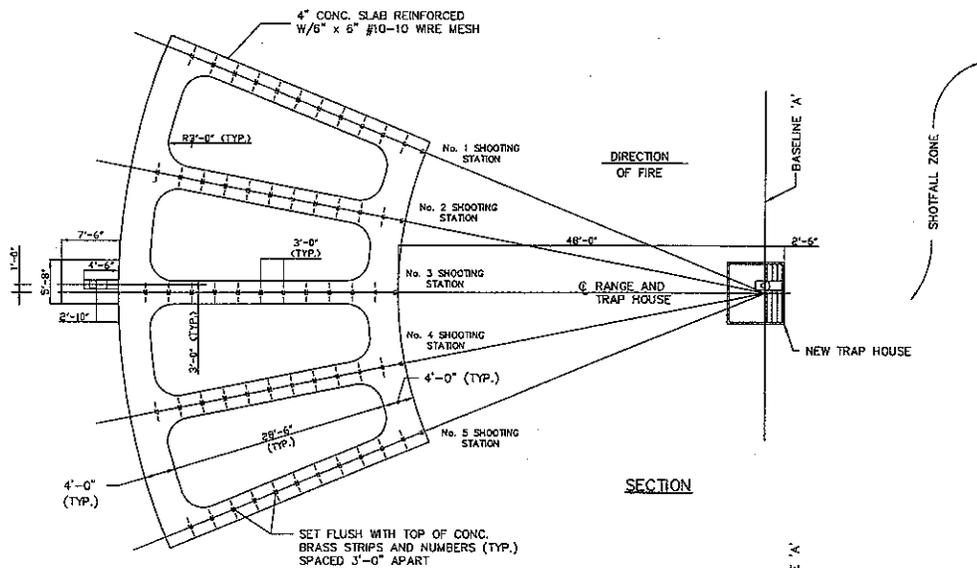
RANGE NUMBER BOARD AND TARGET FRAMES

| NO. | REVISION | DATE | BY |
|-----|----------|------|----|
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RP15

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TRAP FIELD DETAIL
SCALE: 1/8"=1'

- NOTES:
1. REFERENCE POINT IS THE INTERSECTION OF BASELINE 'A' AND THE ϕ OF THE RANGE AND TRAP HOUSE.
 2. BASELINE 'A' IS LOCATED 2'-6" BACK FROM THE FRONT EDGE OF THE TRAP HOUSE.
 3. PURSUANT TO A.T.A. RULES, TOP OF THE TRAP HOUSE SHALL NOT BE LESS THAN 2'-2" NOR MORE THAN 2'-10" ABOVE ELEVATION OF No. 3 SHOOTING STATION.

SG1

NOTE: If this drawing is printed 11"x17", this drawing is NOT TO SCALE or 1/2 SCALE

SCHEMATIC DESIGN

TRAP FIELD PLAN

RAWLINS OUTDOOR SHOOTING COMPLEX
CITY OF RAWLINS, WYOMING



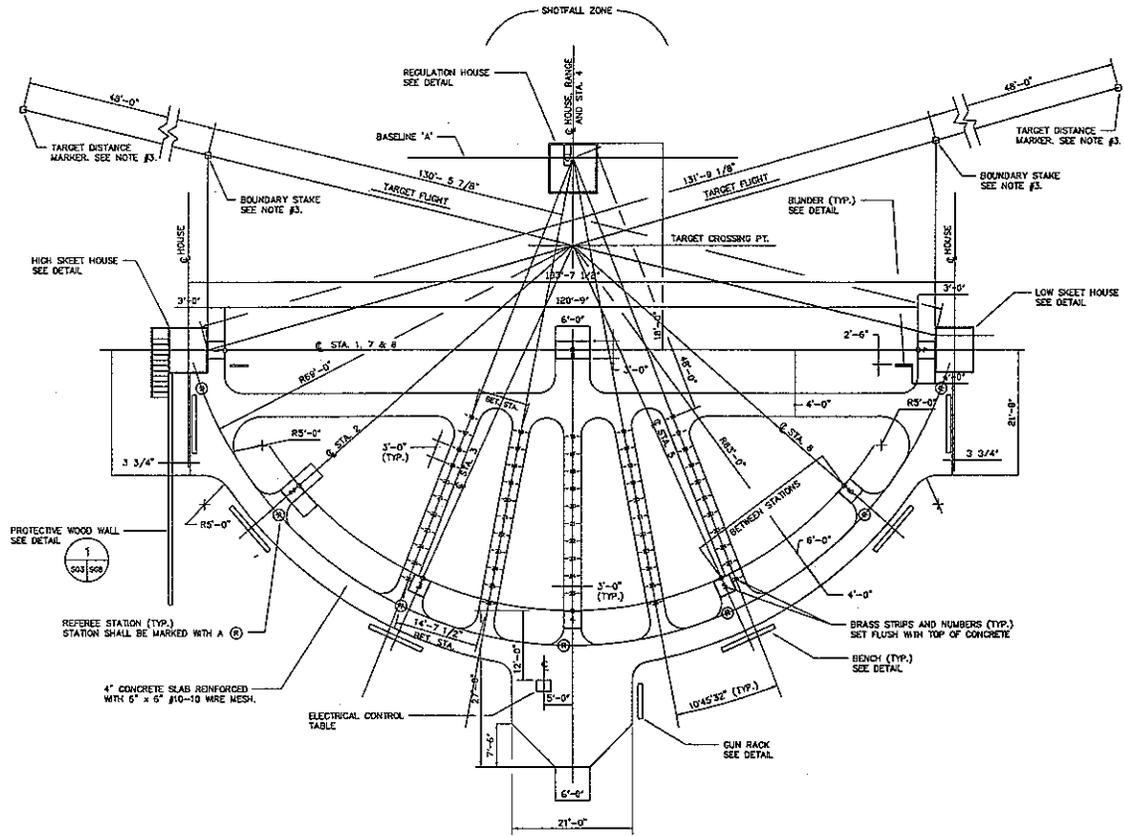
C. VARGAS & ASSOCIATES, LTD.
ARCHITECTS, ENGINEERS, PLANNERS
1000 WEST 10TH AVENUE, SUITE 100
DENVER, CO 80202-1000
DRAWN BY R.C. CHECKED BY C. VARGAS DATE: 02/09/06
SUBMITTED BY: RES. ENGR. NO.

C.A.D.D. FILE
PROJECT NO. 05011.01
SHEET
35 OF 58

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| NO. | REVISION | DATE |
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APPROVED FOR CONSTRUCTION DATE: _____

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COMBINATION SKEET AND REGULATION TRAP FIELD PLAN
SCALE: 3/32" = 1'

- NOTES:
1. ALL UNDERGROUND CONDUITS FOR ELECTRICAL WIRING SHALL BE LAID PRIOR TO THE PLACING OF ANY CONCRETE.
 2. ALL RADIUS NOT SHOWN ARE 3'-0".
 3. THE BOUNDARY STAKES AND TARGET DISTANCE MARKERS SHALL BE 2" x 2", 10'-0" ABOVE GROUND AND PAINTED WHITE IN COLOR.
 4. SEE DRAWING C-30 FOR SHOTFALL ZONE PLAN.

SG3

NOTE: If this drawing is printed 11"x17", this drawing is NOT TO SCALE or 1/2 SCALE

SCHEMATIC DESIGN

COMBINATION SKEET AND TRAP FIELD

RAWLINS OUTDOOR SHOOTING COMPLEX CITY OF RAWLINS, WYOMING

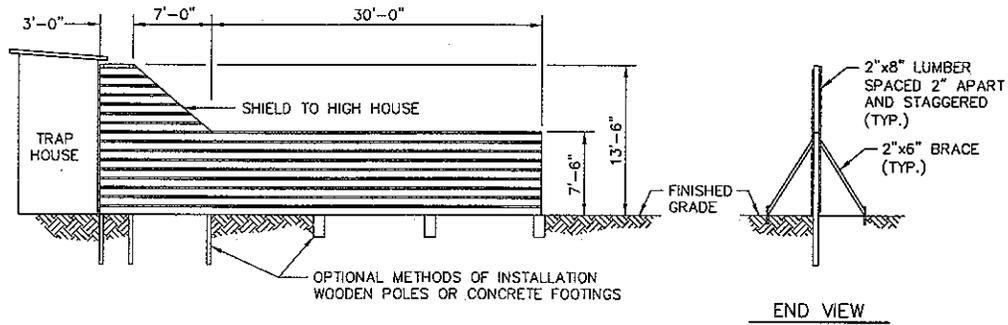


C. VARGAS & ASSOCIATES, LTD.
C.A.O.D.
REGISTERED PROFESSIONAL ARCHITECT
STATE OF WYOMING
DESIGNED BY C. VARGAS
DRAWN BY C. VARGAS
DATE: 02/09/08
SUBMITTED BY: RES. CHIEF, WYO.

PROJECT NO. 05011.01
SHEET 37 OF 58

APPROVED FOR CONSTRUCTION DATE: _____

| | | |
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| NO. | REVISION | DATE |
| | | |
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SKEET FIELD PROTECTIVE FENCE

SCALE: NOT TO SCALE

SG8

SCHEMATIC DESIGN

RAWLINS OUTDOOR SHOOTING COMPLEX
CITY OF RAWLINS, WYOMING



C. VARGAS & ASSOCIATES, LTD.
Professional Engineers
1000 West 10th Street, Suite 200
Cheyenne, WY 82001
Engineer: C. Vargas Date: 02/08/06
Submitted by: [Signature] Site: Park Ave.

C.A.O.C. FILE
PROJECT NO. 05011.01
SHEET 39 of 58

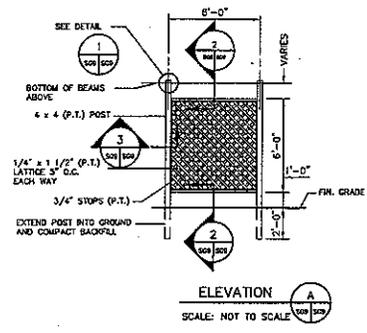
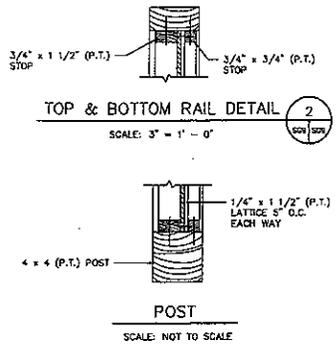
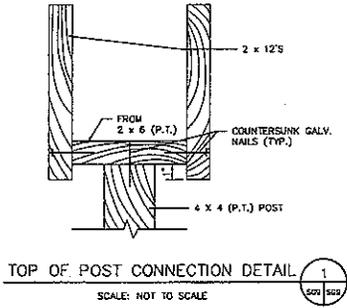
SKEET FIELD PROTECTIVE FENCE

| NO. | REVISION | DATE | BY |
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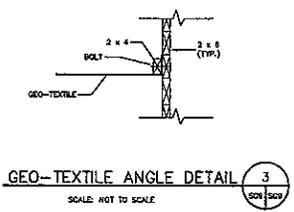
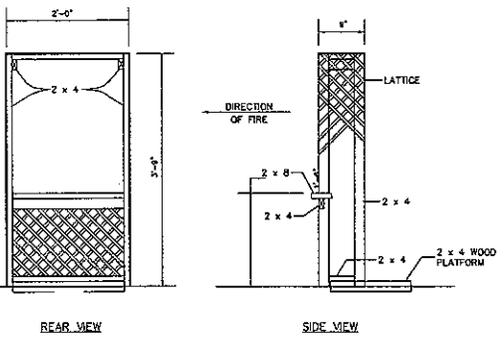
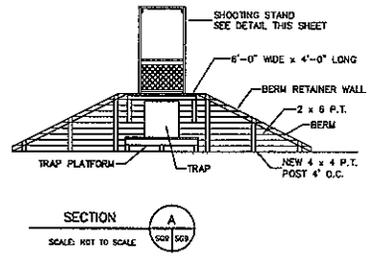
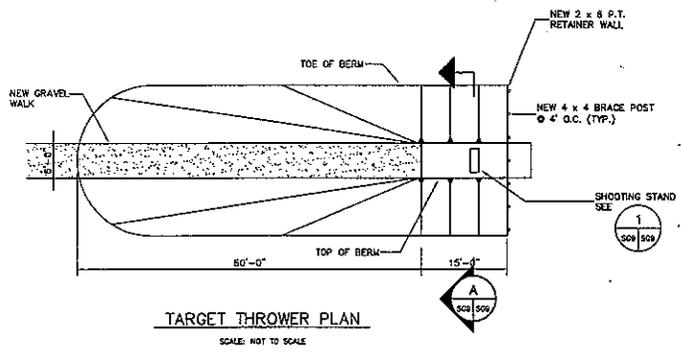
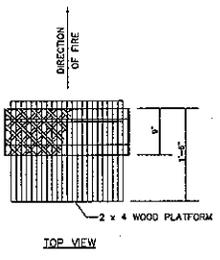
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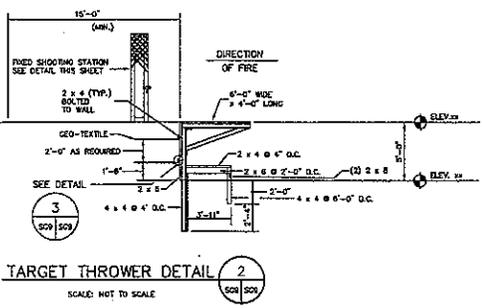
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TYPICAL LATTICE



SPORTING CLAY'S
FIXED SHOOTING STAND
SCALE: NOT TO SCALE



SCHEMATIC DESIGN

FIXED SHOOTING STAND AND LATTICE SHELTER DETAILS
RAWLINS OUTDOOR SHOOTING COMPLEX
CITY OF RAWLINS, WYOMING



C. VARGAS & ASSOCIATES, LTD.
REGISTERED PROFESSIONAL ARCHITECT
DESIGNED BY: C. VARGAS, DATE: 02/28/05
EXAMINED BY: [Signature], DATE: [Blank]

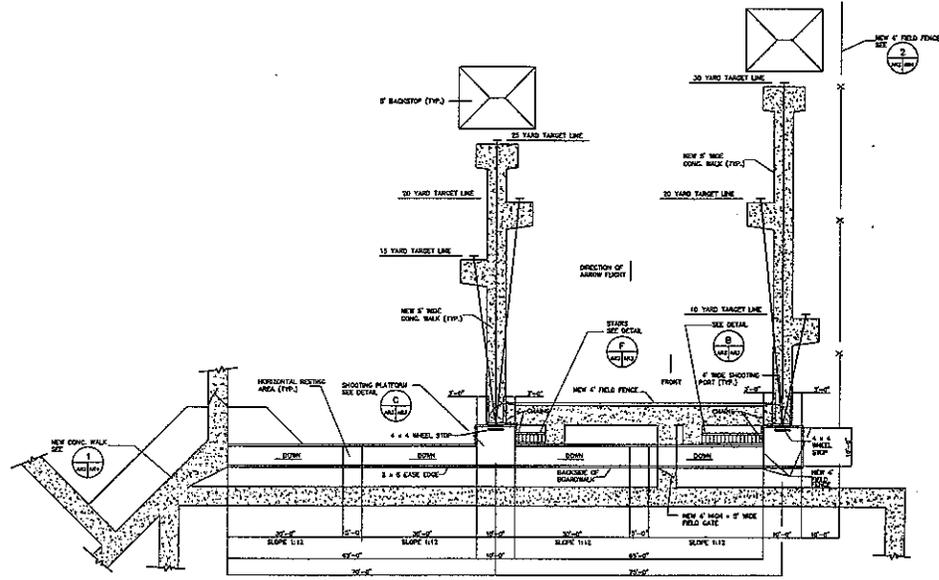
C.A.D.D. FILE
PROJECT NO: 05011.C1
SHEET

SG9

40 OF 58

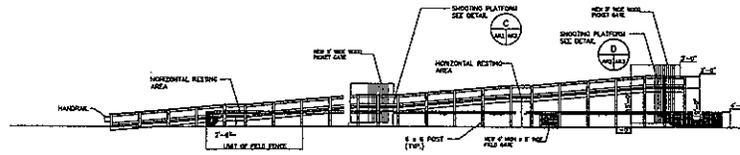
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PLAN: ARCHERY BOARDWALK AND SHOOTING PLATFORM

NOTE: FRONT OF WHEEL STOP IS FIRING LINE.



ELEVATION

- NOTES:
1. LUMBER SHALL BE #1 GRADE. THE LUMBER SHALL BE TREATED UNDER PRESSURE TO A RETENTION OF 0.4 LBS. OF C.C.A. MINIMUM. LUMBER IN CONTACT WITH THE GROUND SHALL BE TREATED TO 0.6 LBS. OF C.C.A.
 2. THE ELEVATED WOODDED WALKWAY SHALL MEET ALL THE REQUIREMENTS FOR HANDICAP ACCESS.
 3. DRAWINGS ARE SCHEMATIC IN NATURE AND ACTUAL BOARDWALK AND SHOOTING PLATFORMS BUILT HAVE TO BE SITE APPLIED FOR THE LOCATION IN WHICH IT IS TO BE CONSTRUCTED AND FOR THE SPECIFIC SITE TOPOGRAPHY.
 4. CONTRACTOR SHALL MAINTAIN THE SITE IN ITS NATURAL STATE AS MUCH AS POSSIBLE.
 5. ARCHERY RANGE SHOOTING LINES ARE AS LOCATED IN THE FIELD BY THE OWNER.
 6. PROVIDE FIELD FENCE STAPLED TO BACK SIDE OF BOARDWALK AND PLATFORM.

AR2

NOTE: If this drawing is printed 11"x17", this drawing is NOT TO SCALE or 1/2 SCALE

SCHEMATIC DESIGN

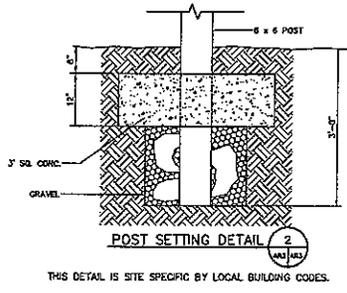
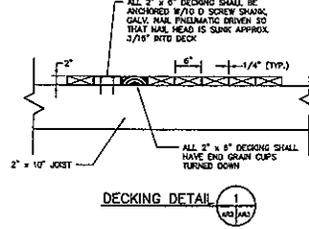
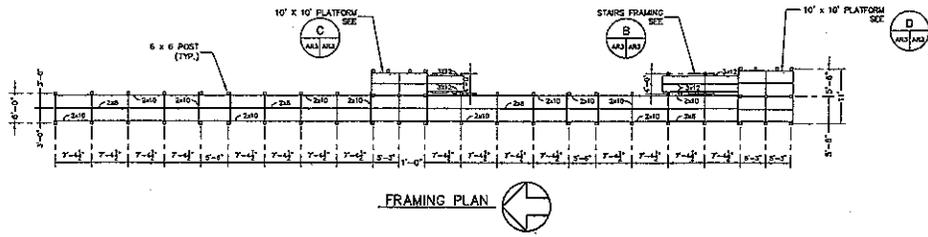
RAWLINS OUTDOOR SHOOTING COMPLEX
CITY OF RAWLINS, WYOMING

ELEVATED ARCHERY RANGE PLAN AND SECTION

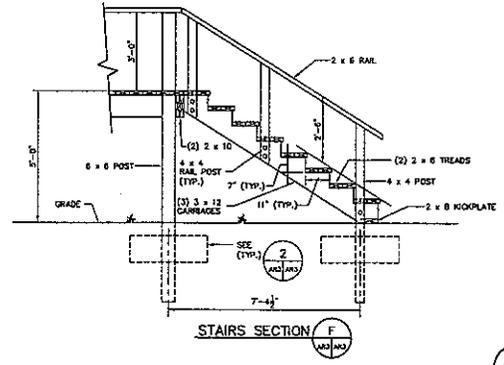
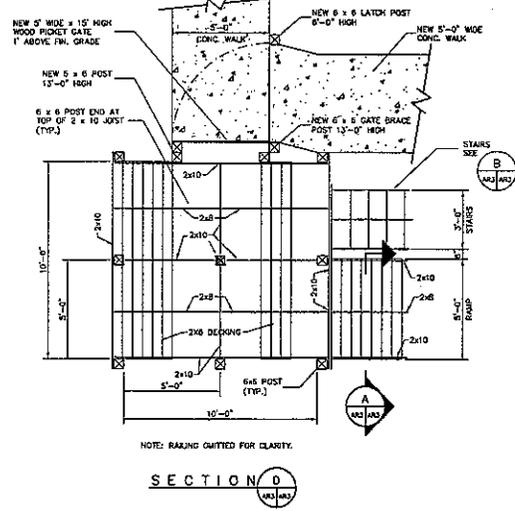
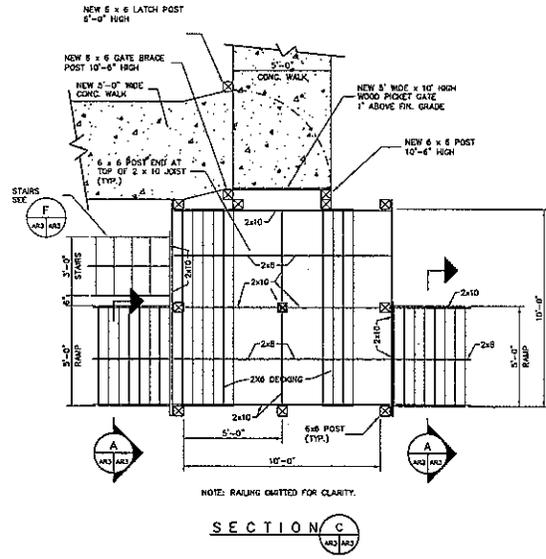
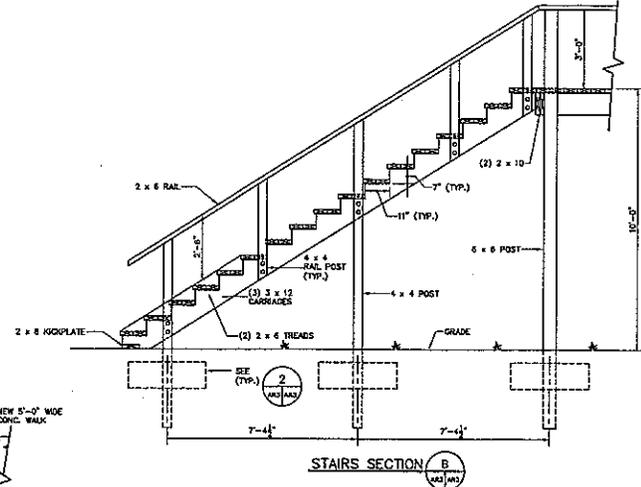
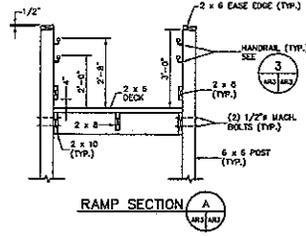
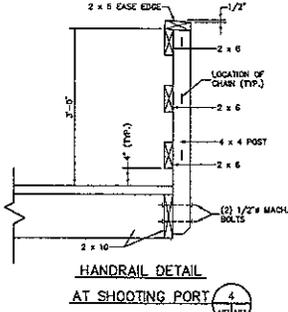
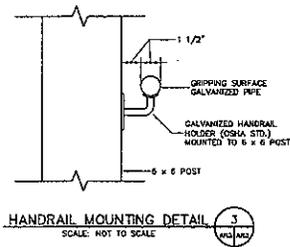
C. VARGAS & ASSOCIATES, LTD.
ARCHITECTS AND ENGINEERS
1000 WEST 10TH AVENUE, SUITE 100, DENVER, CO 80202
PHONE: 303.733.1111 FAX: 303.733.1112

PROJECT NO. 05011.01
SHEET 43 OF 58
DATE 02/09/05
DESIGNED BY C. VARGAS
DRAWN BY J.C. VARGAS
CHECKED BY J.C. VARGAS
SCALE AS SHOWN
REG. NO. 0010

| NO. | REVISION | DATE |
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THIS DETAIL IS SITE SPECIFIC BY LOCAL BUILDING CODES.



SCHEMATIC DESIGN

ELEVATED ARCHERY RANGE SECTIONS AND DETAILS
RAWLINS OUTDOOR SHOOTING COMPLEX
CITY OF RAWLINS, WYOMING



C. VARGAS & ASSOCIATES, LTD.
ARCHITECTS
1000 WEST 10TH STREET
COURTNEY, WYOMING 82501
DESIGNED BY C. VARGAS DATE 02/09/08
LIMITED BY REC. DATE, N.A.

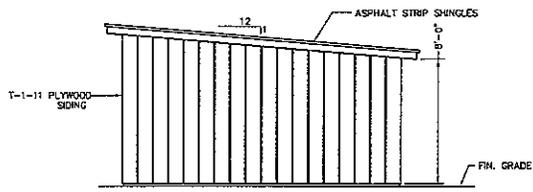
C.A.D.D. FILE
PROJECT NO. 05011.01
SHEET

44 OF 58

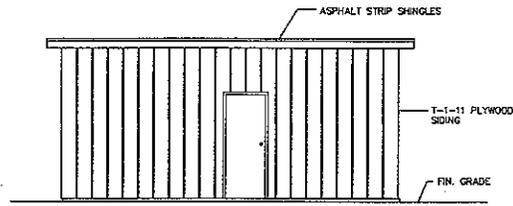
AR3

NOTE: If this drawing is printed 11\"/>

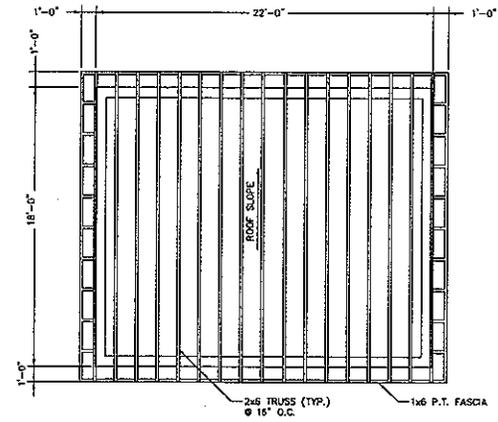
NOT APPROVED FOR CONSTRUCTION DATE



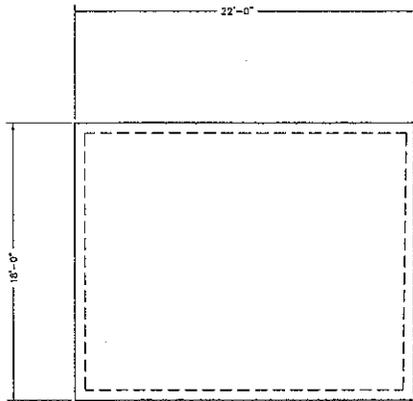
ELEVATION A
SCALE: NOT TO SCALE



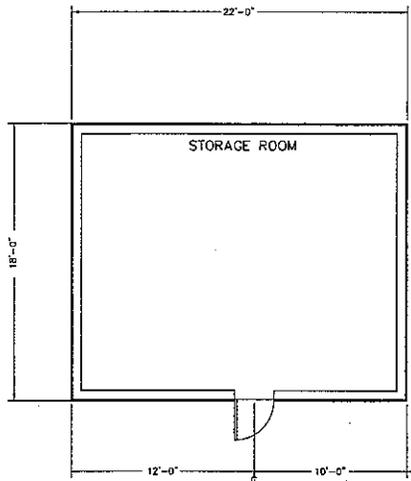
ELEVATION B
SCALE: NOT TO SCALE



TRUSS LAYOUT
SCALE: NOT TO SCALE

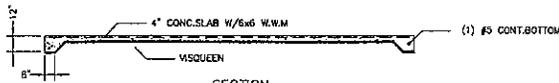


PLAN



PLAN VIEW

SCALE: NOT TO SCALE



SECTION

FOUNDATION

SCALE: NOT TO SCALE

NOTES:

1. CONTRACTOR TO CONSTRUCT STORAGE ROOM WITH 2X4 WOOD FRAME.
2. SIDING TO BE 3/4" EXTERIOR T-1-11 GROOVED.
3. TRIM TO BE WOOD #1 PINE.
4. DOOR TO BE SOLID WOOD 6'-8" X 2'-6" X 1 3/4" WITH WOOD FRAME.

SA3

SCHEMATIC DESIGN

RAWLINS OUTDOOR SHOOTING COMPLEX
CITY OF RAWLINS, WYOMING



C. VARGAS & ASSOCIATES, LTD.
REGISTERED PROFESSIONAL ENGINEER
STATE OF WYOMING
DESIGNED BY: C. VARGAS
DRAWN BY: S.A.3
DATE: 07/08/06
LIMITED BY: RES. DIST. WA.

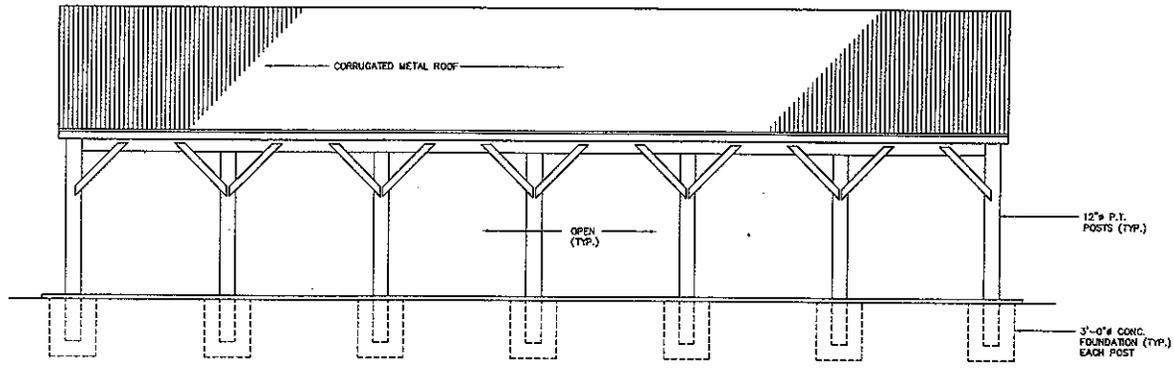
C.A.D.D. FILE
PROJECT NO. 05011.01

SHEET 47 OF 58

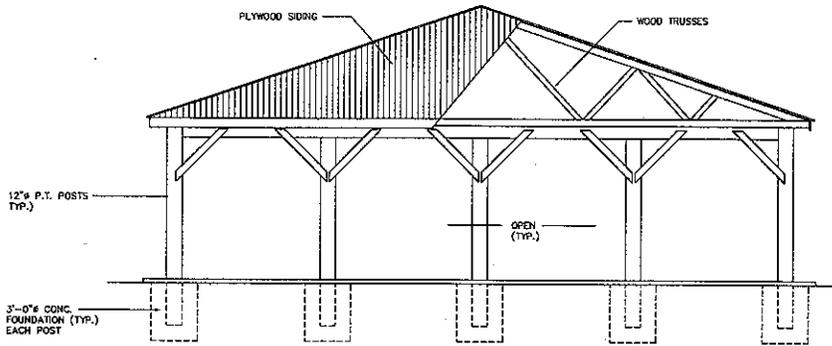
APPROVED FOR CONSTRUCTION DATE: _____

NOTE: If this drawing is printed 11"x17", this drawing is NOT TO SCALE or 1/2 SCALE

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FRONT AND REAR ELEVATIONS B
SCALE: NOT TO SCALE



END ELEVATION C
SCALE: NOT TO SCALE

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PAVILION ELEVATION 1

SCHEMATIC DESIGN

RAWLINS OUTDOOR
SHOOTING COMPLEX
CITY OF RAWLINS, WYOMING



C. VARGAS & ASSOCIATES, LTD.
ARCHITECTS AND ENGINEERS
1000 WEST 10TH STREET
LARAMIE, WYOMING 82001
DESIGNED BY C. VARGAS DATE 02/08/08
REV. DATE: NA

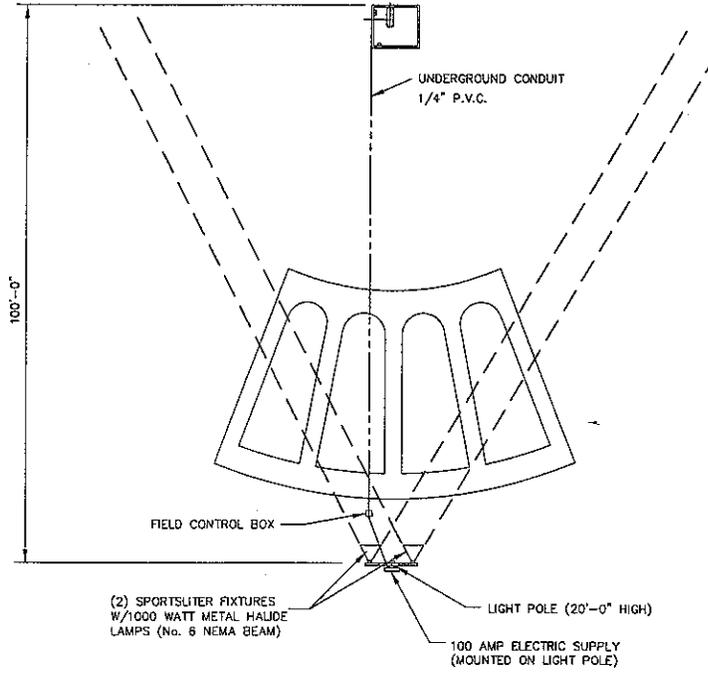
C.A.D.D. FILE
PROJECT NO. 0311.01
SHEET
49 OF 58

APPROVED FOR CONSTRUCTION DATE: _____

SA5

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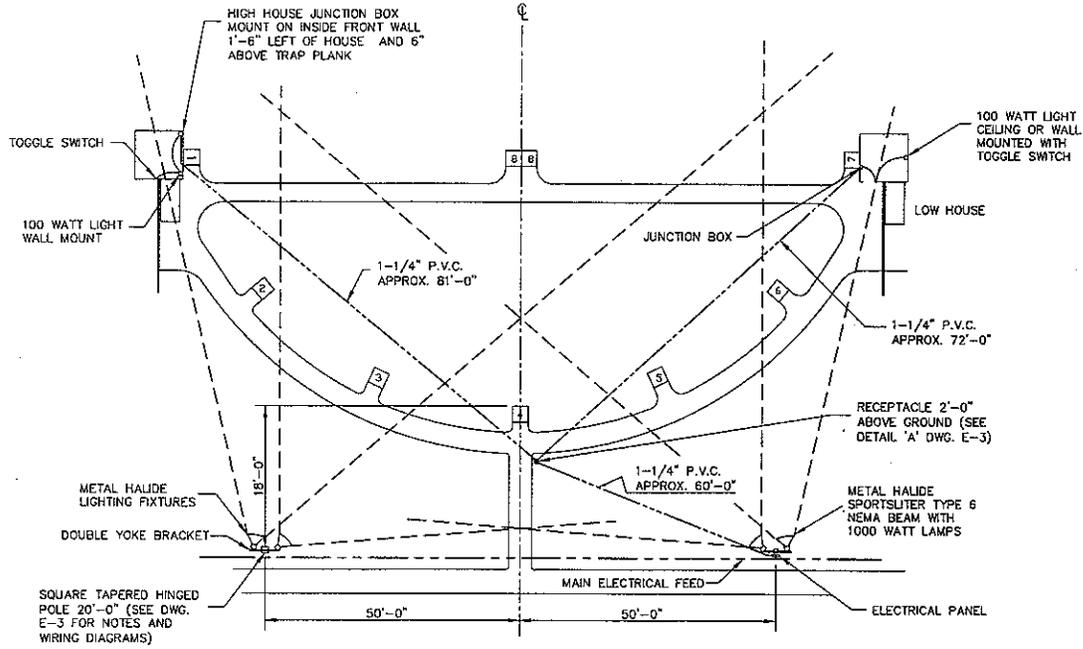
TRAP FIELD LIGHTING
SCALE: NOT TO SCALE

E-1

NOTE: If this drawing is printed 11"x17", this drawing is NOT TO SCALE or 1/2 SCALE

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| C. VARGAS & ASSOCIATES, LTD. <small>INCORPORATED IN MONTANA</small> DESIGN BY E.L.C. - DRAWN BY S. VARGAS DATE 09/09/05 EXAMINED BY _____ REV. DATE NO. _____ | | APPROVED FOR CONSTRUCTION DATE _____ |
| C.A.O.D. FILE PROJECT NO. 05011.01 SHEET 54 OF 58 | APPROVED BY _____ DATE _____ TITLE _____ SCALE _____ NO. _____ DATE _____ | |
| SCHEMATIC DESIGN | | TRAP FIELD LIGHTING |
| RAWLINS OUTDOOR SHOOTING COMPLEX CITY OF RAWLINS, WYOMING | | |

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SKEET FIELD LIGHTING
SCALE: NOT TO SCALE

E-2

NOTE: If this drawing is printed 11"x17", this drawing is NOT TO SCALE or 1/2 SCALE

SCHEMATIC DESIGN
RAWLINS OUTDOOR
SHOOTING COMPLEX
CITY OF RAWLINS, WYOMING



C. VARGAS & ASSOCIATES, LTD.
C.A.D.O. FILE
DRAWN BY R.C. DESIGNED BY C. VARGAS DATE 02/08/06
SUBMITTED BY
APPROVED FOR CONSTRUCTION DATE

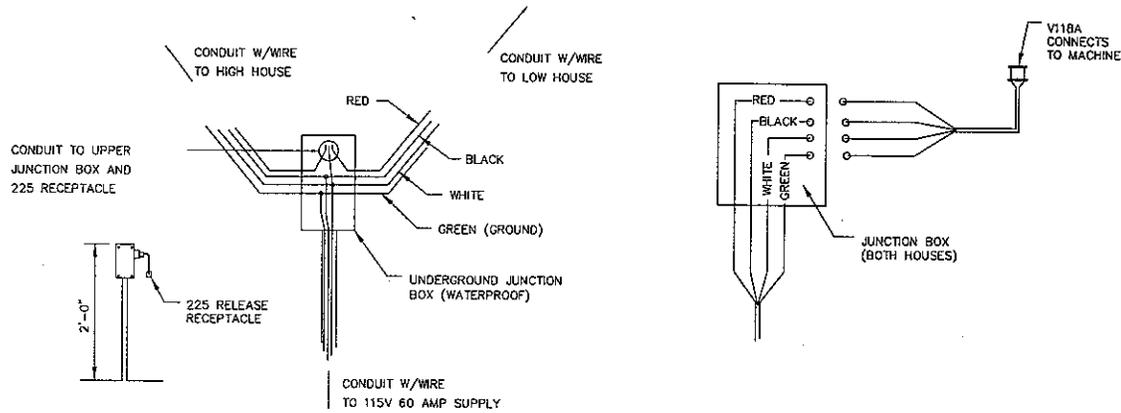
PROJECT NO. 05011.01
SHEET 55 OF 58

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| NO. | REVISION | DATE |
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NOTES:

1. INSTALL UNDERGROUND WIRING IN 1-1/4 INCH PVC PIPE.
2. INSTALL 4 #12 WIRE UG ELECTRICAL SUPPLY FROM WP RECEPTACLE TO LOW AND HIGH HOUSES.
3. USE WATER PROOF JUNCTION BOX, SET AT 2'0" ABOVE GROUND
4. INSTALL 4 #12 WIRE UG ELECTRICAL SUPPLY FROM PANEL TO RECEPTACLE.
5. INSTALL PVC PIPE A MINIMUM OF 18 INCHES BELOW GRADE OR ACCORDING TO LOCAL CODE.
6. USE SLG SERIES SPORTLITER W/1000 WATT METAL HALIDE LAMPS.
7. INSTALL 20' 0" SQUARE TAPERED HINGED POLES.
8. HOUSE WIRING TO BE ACCORDING TO CODE.
9. MOUNT LIGHTING FIXTURES ON TENON TYPE BRACKETS; 2 TENONS AT 180 DEGREES.



DETAIL "A" - WIRING DIAGRAM

SKEET FIELD WIRING DIAGRAM
SCALE: NOT TO SCALE

E-3

NOTE: If this drawing is printed 11"x17", this drawing is NOT TO SCALE or 1/2 SCALE

| | |
|--|---------------------|
| SCHEMATIC DESIGN | |
| RAWLINS OUTDOOR SHOOTING COMPLEX CITY OF RAWLINS, WYOMING | |
| SHEET FIELD WIRING DIAGRAM | |
| C. VARGAS & ASSOCIATES, LTD. C.A.D.D. FILE | DATE: 02/08/08 |
| PROJECT NO. 05611.01 | DRAWN BY: C. VARGAS |
| SHEET 56 of 58 | DATE |

