GOLD CAMP SHOOTING SPORTS CENTER
Special Use Development Plan

Applicability
The provisions of this SU shall run with the land. The landowners, their successors, heirs, or assigns shall be bound by this Development Plan, as amended and approved by the Teller County Planning Department.

Adoption
The adoption of this development plan shall evidence the findings and decisions of the Teller County Board of County Commissioners that this Development Plan for Teller Count Shooting Society is in general conformity with the Teller County Master Plan, Teller County Policy Plan and applicable Small Area Plan(s); is authorized under the provision of the Teller Land Development Code; and the Teller County Land Development Code.

Relationship to County Regulations
The provisions of this Development Plan shall prevail and govern the development of the Gold Camp Shooting Sports Center, provided, however, that where the provisions of this Development Plan do not address a particular subject, the relevant provisions of the Teller County Land Development Code, as amended and in effect at the time of the SU plan approval (or owner acknowledge the SU changes with the Code), or any other applicable resolutions or regulations of Teller County, shall be applicable.

Enforcement
To further the mutual interest of the residents, occupants, and owners of the SU and of the public in the preservation of the integrity of this development plan, the provisions of this plan relating to the use of land and the location of common open space shall run in favor of Teller County and shall be enforceable at law or in equity by the County without limitation on any power or regulation otherwise granted by law.

Conflict
Where there is more than one provision within the development plan that covers the same subject matter, the provision which is most restrictive or imposes higher standards or requirements shall govern.

Overall Project Standards
The standard zoning requirements of the Teller County Land Development Code including off-street parking, landscaping, site development, accessory and temporary uses, and use by special review and variance processes shall apply to this SU, except as modified by the SU.

GENERAL NOTES

1. There is no proposed phasing plan for Gold Camp Shooting Sports Center. The development scheduling and build-out will be based upon Teller County Shooting Society (TCSS) membership enrollment and economic conditions. Development areas may overlap one another allowing constant and continuous growth of the site as membership trends dictate. Site mprovements will be provided as needed for development.
2. Development of this property shall be in accordance with this Special Use Development Plan. Modifications are subject to review and approval by the Teller County Board of County Commissioners unless otherwise provided by the Teller County Land Development Code.
3. Central Water and Waste Water services are not required and not will be provided under this Special Use Development Plan.
4. Electricity will not be provided to the site.
5. Port-a-Potty's or temporary and movable bathroom facilities will be provided by the Gold Camp Shooting Sports Center.
6. All Tracts are to be owned and maintained by the Teller County Shooting Society. Tracts include landscape easements, drainage tracts, stormwater facilities, open space tracts, detention ponds, utilities, fences, recreational facilities, trails, and other uses.
7. Final shooting range placement to be determined in the field based on grade, vegetation, and other existing site features.
8. No site lighting is proposed or will be provided; operating hours are during daylight hours only.
9. The site will be locked at all times, except for public events, and access limited to members of the Teller County Shooting Society/ Gold Camp Shooting Sports Center.

LANDSCAPING, PARKING, NOISE, AND TRAFFIC NOTES:

1. All landscaping within the public rights-of-way will be maintained by the Teller County Shooting Society.
2. All parking lots will be maintained by the Teller County Shooting Society.
3. A noise study has been performed in conjunction with this application for sites adjacent to the Teller County Shooting Society in order to determine what type of noise mitigation measures, if any, may be required.
4. A traffic study has been performed in conjunction with this application for County Road 81 in order to determine what type of roadway improvements, if any, may be required.

DEVELOPMENT DATA

EXISTING ZONING: A-1, AGRICULTURE
PROPOSED ZONING: A-1 SPECIAL USE
TOTAL GROSS AREA: 142.7+/- Acres

TOTAL SITE ACREAGE	142.7+/-AC.

LAND USE TABLE

TYPE OF USE	# ACRES	% OF PROPERTY	REQUIRED	PROVIDED
RIGHTS-OF-WAY				
OPEN SPACE (ALL USES)				
TOTAL				

Legal Description:

A PORTION OF SECTIONS 9 AND 10, TOWNSHIP 15 SOUTH, RANGE 69 WEST OF THE 6TH P.M., IN TELLER COUNTY, COLORADO.

BEGINNING AT A POINT ON THE EASTERLY RIGHT-OF-WAY OF COUNTY ROAD 81 THENCE ALONG SAID RIGHT-OF-WAY LINE THE FOLLOWING EIGHT (8) COURSES: (1) S23°21'40"E A DISTANCE OF 919.90 FEET; (2) ON A CURVE TO THE LEFT WITH A RADIUS OF 1,614.81 FEET, ANGLE OF 11°29'06" FOR A LENGTH OF 279.03 FEET; (3) S34°50'46"E FOR A DISTANCE OF 396.86 FEET; (4) S41°09'51"E FOR A DISTANCE OF 298.32 FEET; (5) S42°58'01"E FOR A DISTANCE OF 373.97 FEET; (6) S44°11'38"E A DISTANCE OF 775.26 FEET; (7) S44d17'44"E A DISTANCE OF 1,095.76 FEET; (8) S45°27'53"E A DISTANCE OF 831.77 FEET; THENCE N45°11'16"E A DISTANCE OF 726.89 FEET; THENCE N00°07'26"E A DISTANCE OF 1,126.03 FEET TO A POINT ON THE NORTH LINE OF EL PASO PLACER CLAIM NO. 4, U.S. MINERAL SURVEY NO. 12998; THENCE ALONG SAID LINE S89°27'29"W A DISTANCE OF 274.54 FEET TO A POINT ON THE WEST LINE OF THE BERTIE GEORGE LODE MINING CLAIM, U.S. MINERAL SURVEY NO. 10695; THENCE ALONG SAID LINE N27°23'52"E A DISTANCE OF 520.13 FEET TO A POINT ON THE NORTH LINE OF THE BERTIE GEORGE LODE MINING CLAIM, U.S. MINERAL SURVEY NO. 10695; THENCE ALONG SAID LINE N60°54'49"W A DISTANCE OF 244.16 FEET TO A POINT ON THE WEST LINE OF THE ROTHBERG AND LOSLEY PLACERS, BEING U.S. MINERAL SURVEY NO. 1144; THENCE ALONG SAID LINE N01°35'31"E A DISTANCE OF 192.54 FEET TO THE NORTH LINE OF THE ROTHBERG AND LOSLEY PLACERS, BEING U.S. MINERAL SURVEY NO. 1144; THENCE ALONG SAID LINE N89°26'03"W A DISTANCE OF 2,217.22 FEET TO A POINT ON THE WEST LINE OF THE QUEEN OF DIAMONDS, JACK OF DIAMONDS, TEN OF DIAMONDS AND JACK OF HEARTS LODE MINING CLAIMS, U.S. MINERAL SURVEY NO. 13579; THENCE ALONG SAID LINE N49°27'00"E A DISTANCE OF 1,551.33 FEET TO THE NORTH LINE OF THE QUEEN OF DIAMONDS, JACK OF DIAMONDS, TEN OF DIAMONDS AND JACK OF HEARTS LODE MINING CLAIMS, U.S. MINERAL SURVEY NO. 13579; THENCE ALONG SAID LINE N33°13'20"W A DISTANCE OF 599.89 FEET; THENCE S87°16'01"W A DISTANCE OF 1,082.04 FEET; THENCE N60°25'36"W A DISTANCE OF 286.85 FEET; THENCE S73°26'07"W A DISTANCE OF 679.27 FEET TO THE POINT OF BEGINNING AND CONTAINING 142.7 ACRES, MORE OR LESS.

CERTIFICATE OF OWNERSHIP

I _____. HEREBY AFFIRM THAT I AM THE OWNER OR AUTHORIZED AGENT OF ALL INDIVIDUALS HAVING OWNERSHIP OR INTEREST IN THE PROPERTY DESCRIBED HEREIN, KNOWN AS TELLER COUNTY SHOOTING SOCIETY, AND ACKNOWLEDGE THE ZONING AND CONDITIONS AS APPLICABLE TO THIS PROPERTY AND DEVELOPMENT.

THE FOREGOING WAS ACKNOWLEDGED BY ME THIS _____ DAY OF _____ , 20_____,AD

BY (NAME) _____, AS (TITLE) _____.

OF _____, AN AUTHORIZED SIGNATORY.

_____
OWNER OF RECORD; .

WITNESS MY HAND AND OFFICIAL SEAL:

MY COMMISSION EXPIRES: _____

NOTARY PUBLIC: _____

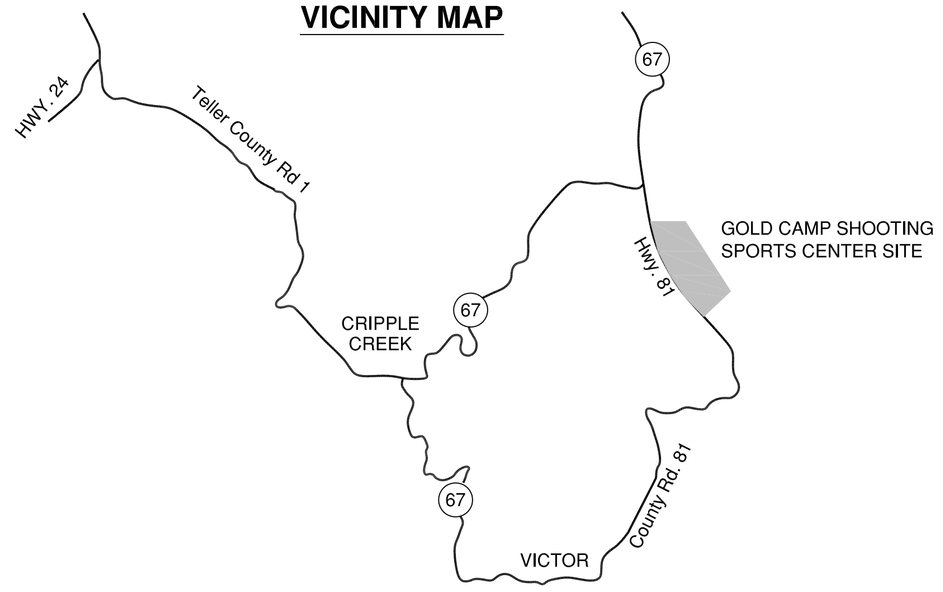
STATE OF COLORADO)
)SS
COUNTY OF TELLER)

COUNTY APPROVAL

APPROVAL IS GRANTED THIS _____ DAY OF _____ , 20_____,AD

_____
PLANNING DIRECTOR

VICINITY MAP



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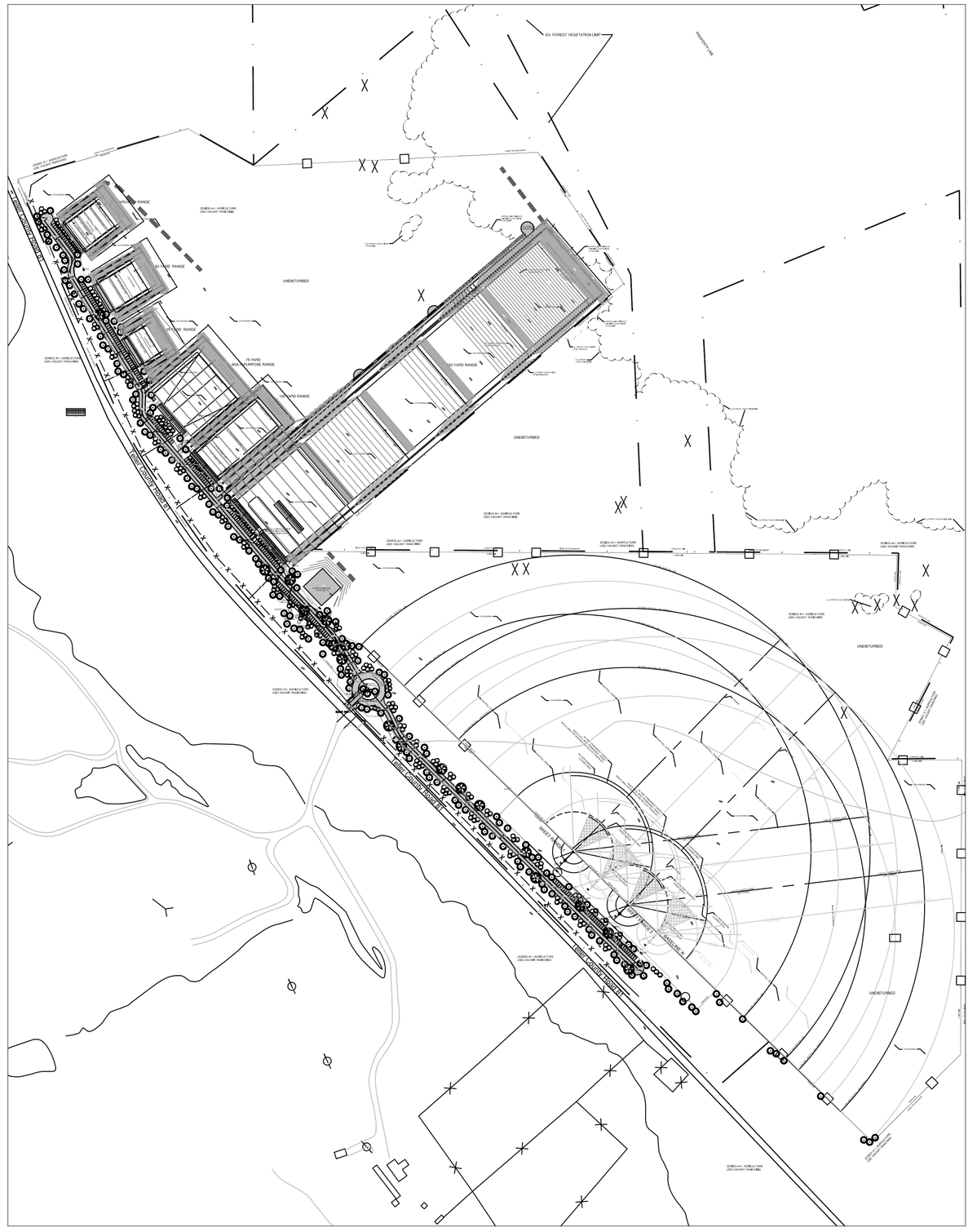

Sheet Index

Owner:

CRIPPLE CREEK & VICTOR GOLD MINING COMPANY
Attn: Raymond Dubois, VP & General Manager
P.O. Box 191- 100 North 3rd Street
Victor, CO 80860
Phone: 719-689-4044

Owner's Rep/Applicant:

TELLER COUNTY SHOOTING SOCIETY (TCSS)
Attn: Craig Chellis, President, Drew Ganter, Project Manager
P.O. Box 548
Woodland Park, CO 80863
Phone: 719-687-8677

Planner/Landscape Architect

WILLIAM GUMAN & ASSOCIATES LTD.
Bill Guman, RLA, Jason Alwine, RLA
731 N. Weber St., Suite 10
Colorado Springs, CO 80903
Phone: 719-633-9700

Engineers (Civil)

ASSOCIATED DESIGN PROFESSIONALS, INC. (ADP)
Mike Bartusek, P.E., Jason Helton, P.E.
3520 Austin Bluffs Pkwy., Suite 200
Colorado Springs, Colorado 80918
Phone: 719-266-5212

Engineers (Geotechnical) Architectural (Structural)

RMG ENGINEERS GROUP (RMG)
Mark Weldhass, P.E., Nate Dowden, P.E.
2910 Austin Bluffs Pkwy
Colorado Springs, Colorado 80918
Phone: 719-548-0600

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Email: WGuman@aol.com
Member American Society of Landscape Architects

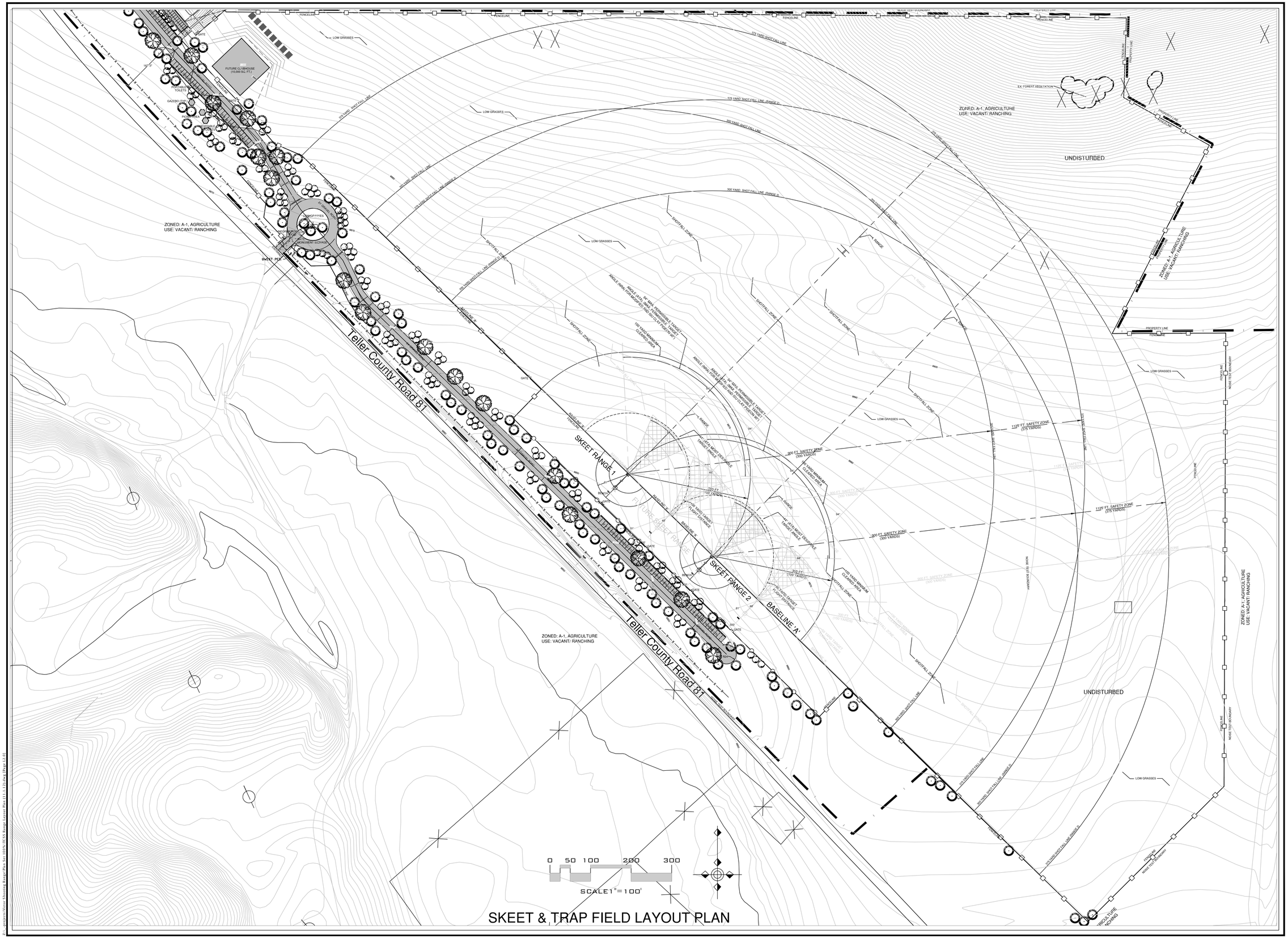
Gold Camp Shooting Sports Center
County Road 81
Teller County, CO

DATE: 11/5/2012
DRAWN: WFG
CHECKED: JRA

REVISIONS:		
DATE:	BY:	COMMENTS:

COVER PAGE

SHEET NO. 1 OF 16 SHEETS



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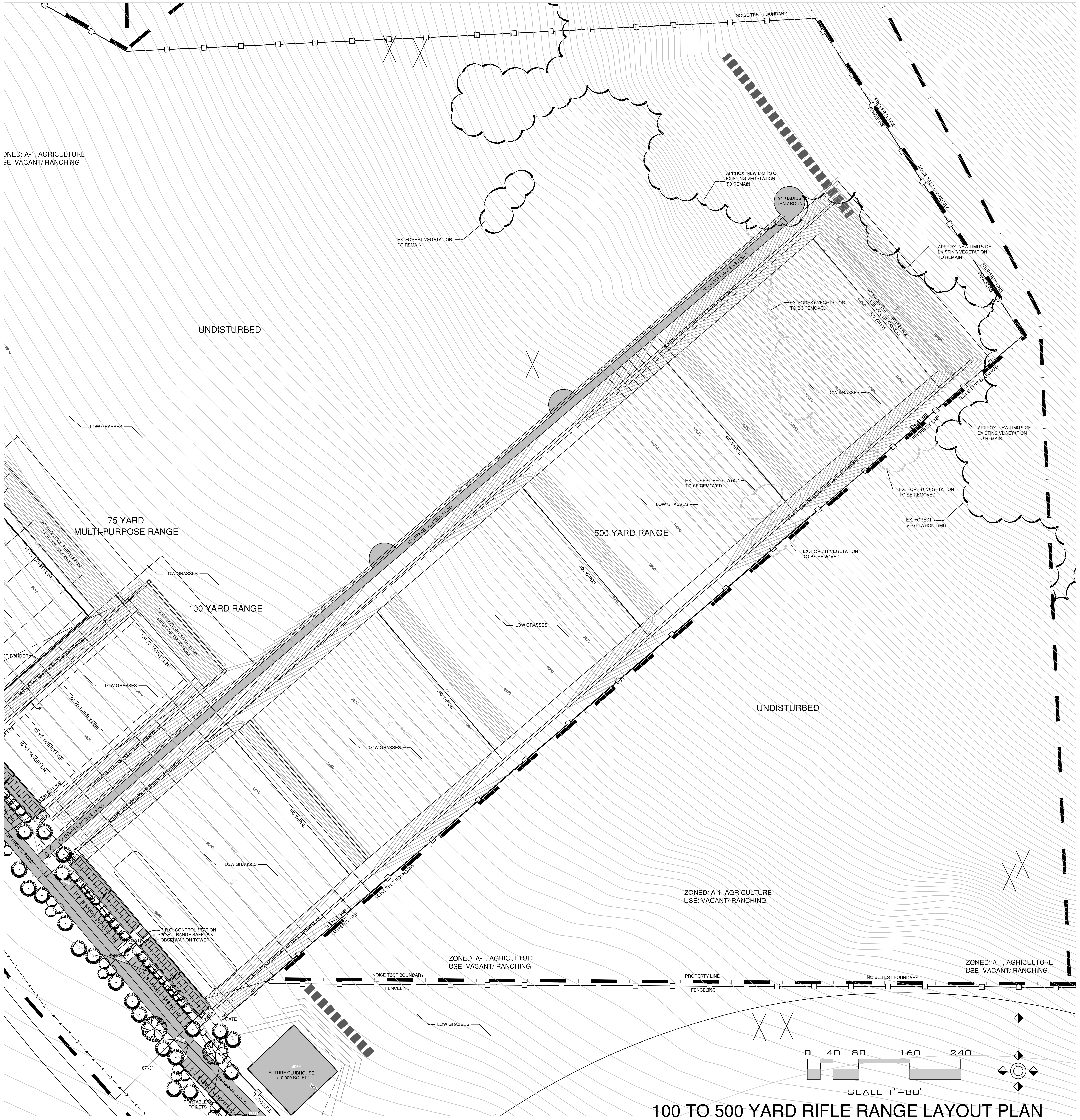
SKEET & TRAP FIELD PLAN

SHEET NO. 2 OF 16 SHEETS

Z:\...projects\Victor Shooting Range\Plan Set 100%\TCSS Range Layout Plan (11.12).dwg (Page 12.0)



100 TO 500 YARD RIFLE RANGE LAYOUT PLAN

Z:_projects\Victor Shooting Range\Plan Set 100%\TCSS Range Layout Plan (11.1.12).dwg [Page L3.0]

LANDSCAPE & REVEGETATION

PLANTING SCHEDULE:

Planting Schedule:

CODE	BOTANICAL/COMMON NAME	LOW WATER	MATURE HT./WD.	PLANTING SIZE	NOTES
DECIDUOUS TREES					
BO	**BUR OAK** (Quercus macrocarpa)	💧	50-80' 50-80'	2.0" CAL	B&B Nursery Grown. Size to meet or exceed AAN. min. size
QA	**QUAKING ASPEN** (Populus tremuloides)	💧	30-40' 20-30'	6-8' HT.	Collected from on site. To meet or exceed AAN. min. size
EVERGREEN TREES					
PO	**PONDEROSA PINE** (Pinus ponderosa)	💧	20-40' 10-20'	4 - 6.0' HT	Collected from on site. To meet or exceed AAN. min. size

💧 **PLANTS WITH LOW WATER REQUIREMENTS AFTER ESTABLISHMENT**

Landscape Symbol Key:

SYMBOL	DESCRIPTION/REMARKS
PER PLAN	GRASS MIX 40% Tetragold Annual Forage Ryegrass 20% Ryegrain VNS 15% Kentucky Bluegrass 10% Potomoc, Orchardgrass 05% Smooth Bromegrass 05% Timothy Grass 05% Alsike Clover SOW RATE: 0.6 to 0.7 pounds per 1,000 square feet, 30 pounds per acre.
PER PLAN	**COBBLE:** To be 1-2" River Rock placed to a depth of 4" on fabric underlayment.
PER PLAN	**TIMBER BORDER:** Standard Rail Road Tie Timbers buried to separate cobble and turf areas where indicated on the drawings.

WORK AREA PRESERVATION NOTES:

1. All existing landscaping that is to be preserved shall be securely fenced by the Contractor to protect existing site vegetation from damage or destruction. Contractor shall prevent vehicular and other construction traffic from encroachment into the preservation area at all times throughout duration of construction and up until Final Acceptance by Architect.

EXISTING TREE PRESERVATION NOTES:

1. Critical root root zone (CRZ) of a tree shall be defined as the ground area around the tree trunk and extends to the tree's dripline.
2. The tree preservation measures will be done by the Contractor:
   A. All trees to remain shall be pruned structurally for ground clearance as deemed necessary.
   B. Tree roots shall only be pruned to the depth of any proposed grading or soil disturbance.
3. Storage of any materials, vehicles or equipment, or dumping of any contaminants within a CRZ shall be prohibited.
4. Filling over a CRZ shall be prohibited without an Architect-approved mitigation plan.
5. Prior to any trenching or excavation in a CRZ, tree roots shall be pruned at the edge of the proposed trench or excavation, however, no excavation is permitted within 20' of any existing tree trunk.
6. All work on trees to remain, including crown and root pruning shall be performed by a licensed tree service contractor.
7. All dead wood and damaged limbs shall pruned out by the completion of construction.
8. Existing Ponderosa Pine and Aspen trees that can safely be moved with a mechanical tree spade or balled & burlapped may be used to satisfy the tree planting requirements as indicated per plan.

LANDSCAPE NOTES:

1. Construction site shall be maintained in a neat, clean, and healthy condition. Maintenance shall include proper pruning, weeding, removal of litter, fertilizing, replacement of dead plants, and manual irrigation of all live landscaping.
2. All trees to have 36" mulch ring per details with 3" depth wood mulch.
3. Drawings are diagrammatic; Precise placement of components may not be possible as indicated. Consult Project Architect prior to making random field changes which may alter design intent.
4. Quantities are provided for reference only; Verify all quantities prior to submitting cost proposal. In the event of a conflict between scheduled, implied, or expressed quantities, those quantities which can be determined graphically from the drawings will prevail in any case.
5. The contractor is responsible for inspection and verification of all field conditions and resolving conflicts pertaining to dimensions, layout, etc., which may affect the landscape installation. Mobilizing shall be construed as acceptance of conditions.
6. The Landscape Architect reserves the right to consider and approve alternate installations at any time which in the Landscape Architect's opinion maximizes the construction budget and maintains design intent.

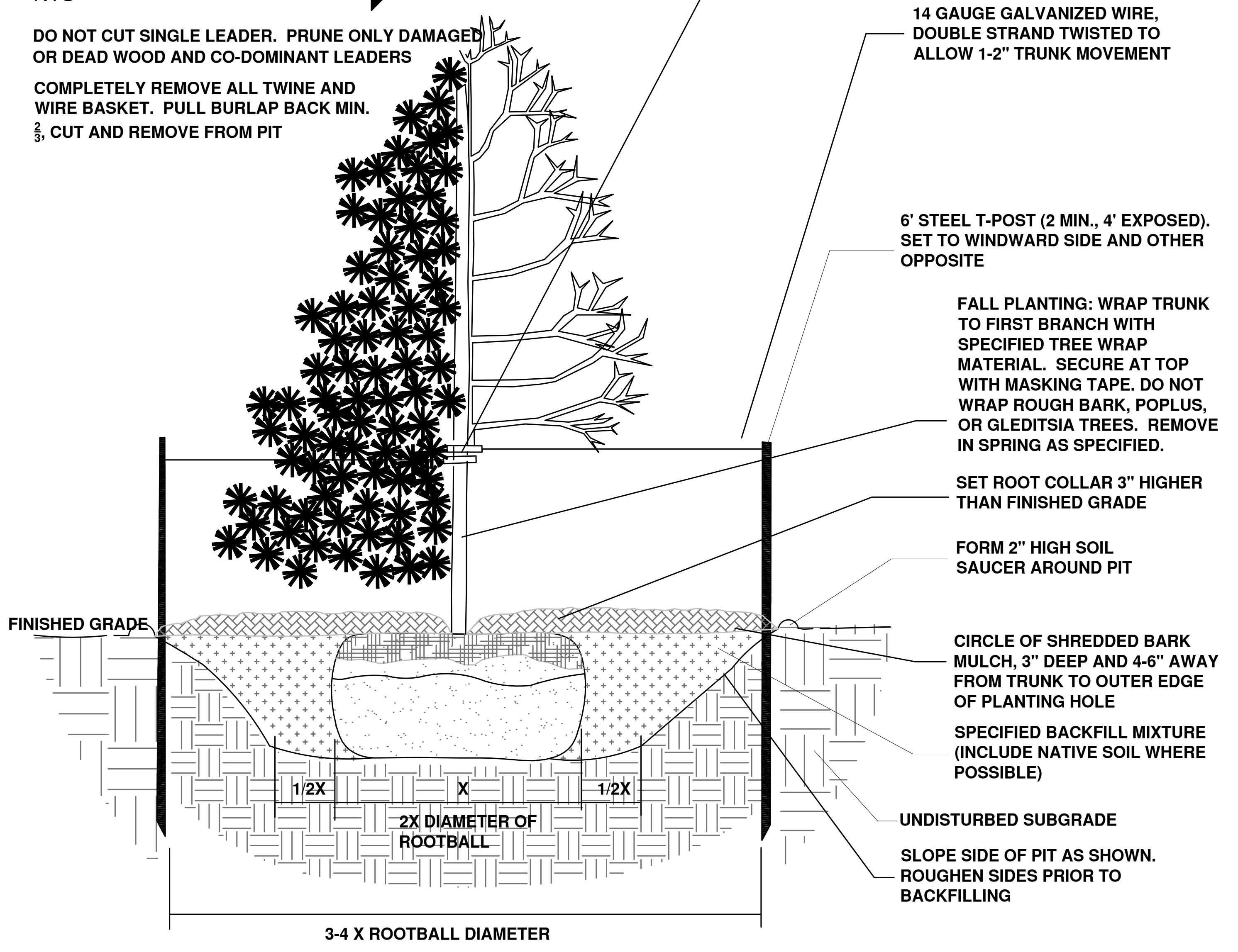
LANDSCAPE MAINTENANCE REQUIREMENTS:

1. All newly planted landscaping shall be maintained by Teller County Shooting Society and shall include but may not be limited to:
   a. hand watering of all trees & seeded areas to ensure proper establishment.

TREE PLANTING DETAIL

A

NTS



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NOTE: ALL DRAWINGS ARE DIAGRAMMATIC; IN THE EVENT OF CONFLICT, QUANTITIES WHICH CAN BE DETERMINED GRAPHICALLY SUPERCEDE ALL OTHER SCHEDULED QUANTITIES, STATED OR IMPLIED. CHANGES WHICH ARE MADE WITHOUT PRIOR APPROVAL OF ENTITIES HAVING JURISDICTION OVER REVIEW AND APPROVAL OF THE RECORD DRAWINGS MAY RESULT IN DELAY OF FINAL ACCEPTANCE AND ISSUANCE OF CERTIFICATE OF OCCUPANCY WHERE APPLICABLE.

ONLY DRAWINGS WHICH BEAR THE OFFICIAL STAMP OF THE LICENSED LANDSCAPE ARCHITECT IN THE STATE OF COLORADO ARE VALID FOR CONSTRUCTION PURPOSES.

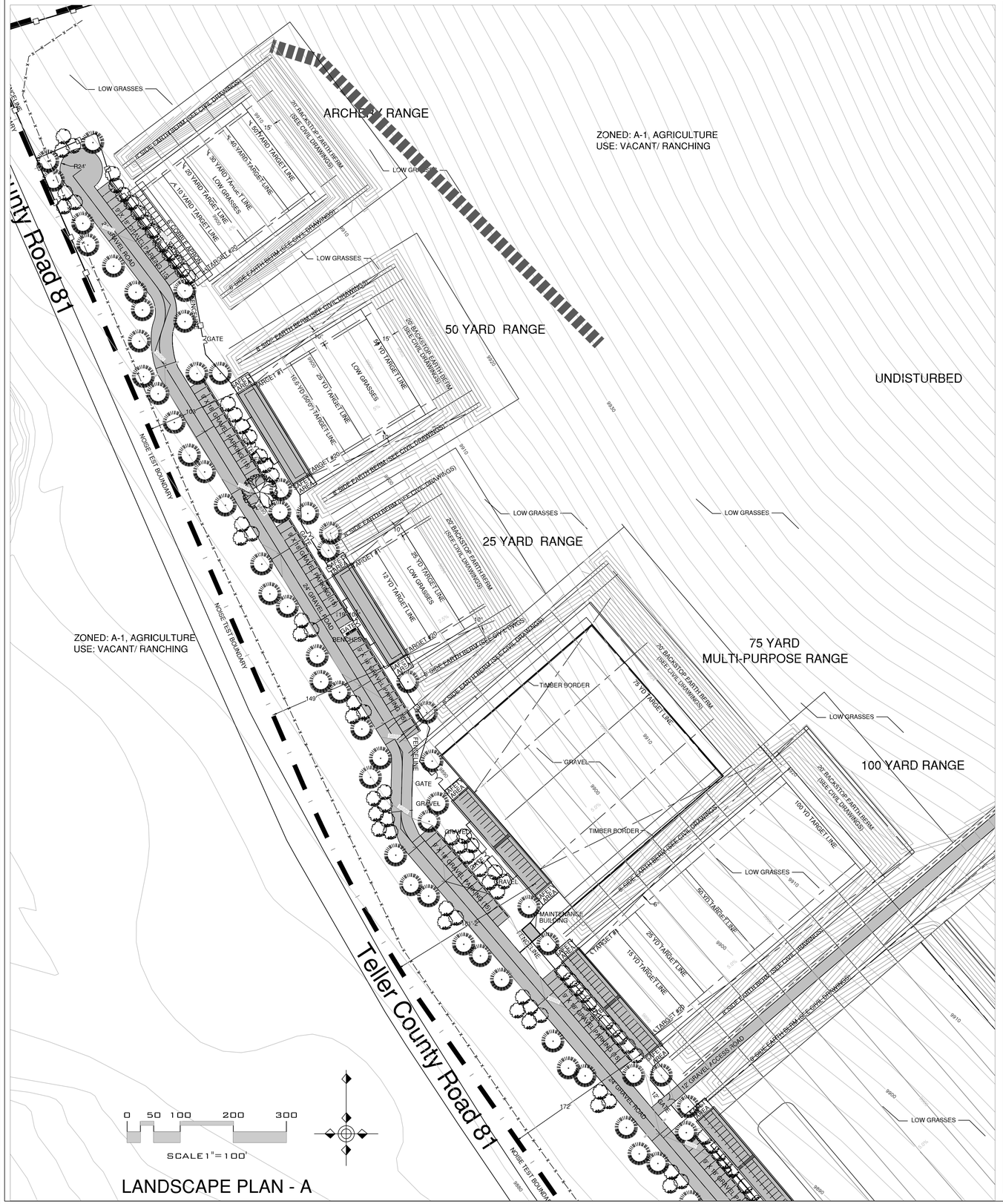
Gold Camp Shooting Sports Center
County Road 81
TELLER COUNTY, CO

DATE: 11/5/2012
DRAWN: WFG
CHECKED: JRA

REVISIONS:		
DATE:	BY:	COMMENTS:

100 TO 500 YARD RIFLE RANGE PLAN

SHEET NO.
3
OF 16 SHEETS



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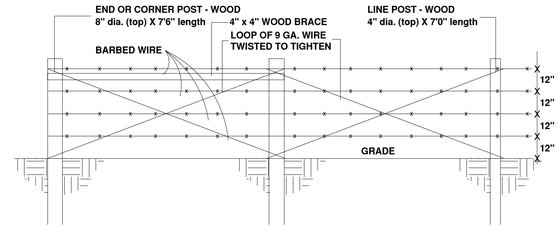
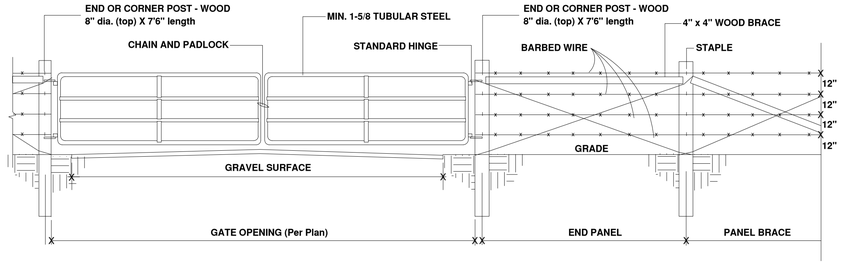


FENCELINE DETAIL (BOUNDARY FENCING) 4-STRAND BARB WIRE (A)
NTS



TYPICAL PANEL GATE (BOUNDARY FENCING (B)
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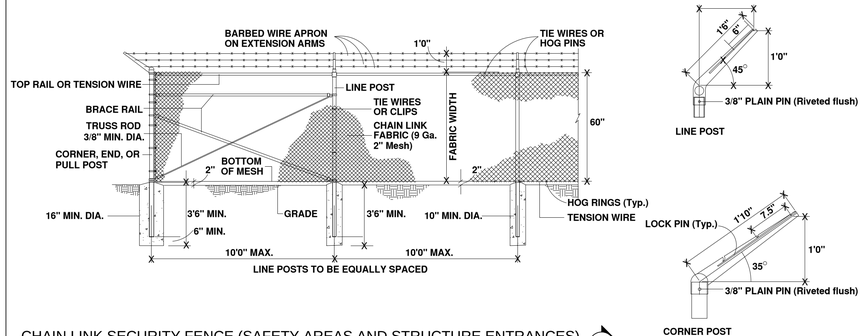

CHAIN LINK SECURITY FENCE (SAFETY AREAS AND STRUCTURE ENTRANCES) (C)
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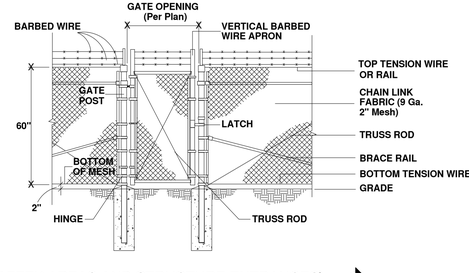

CHAIN LINK SECURITY GATE (SAFETY AREAS AND STRUCTURE ENTRANCES) (D)
NTS

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Gold Camp Shooting Sports Center
County Road 81
TELLER COUNTY, CO

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ARCHERY AND 15 TO 100 YARD PISTOL RANGE

SHEET NO. 4 OF 16 SHEETS

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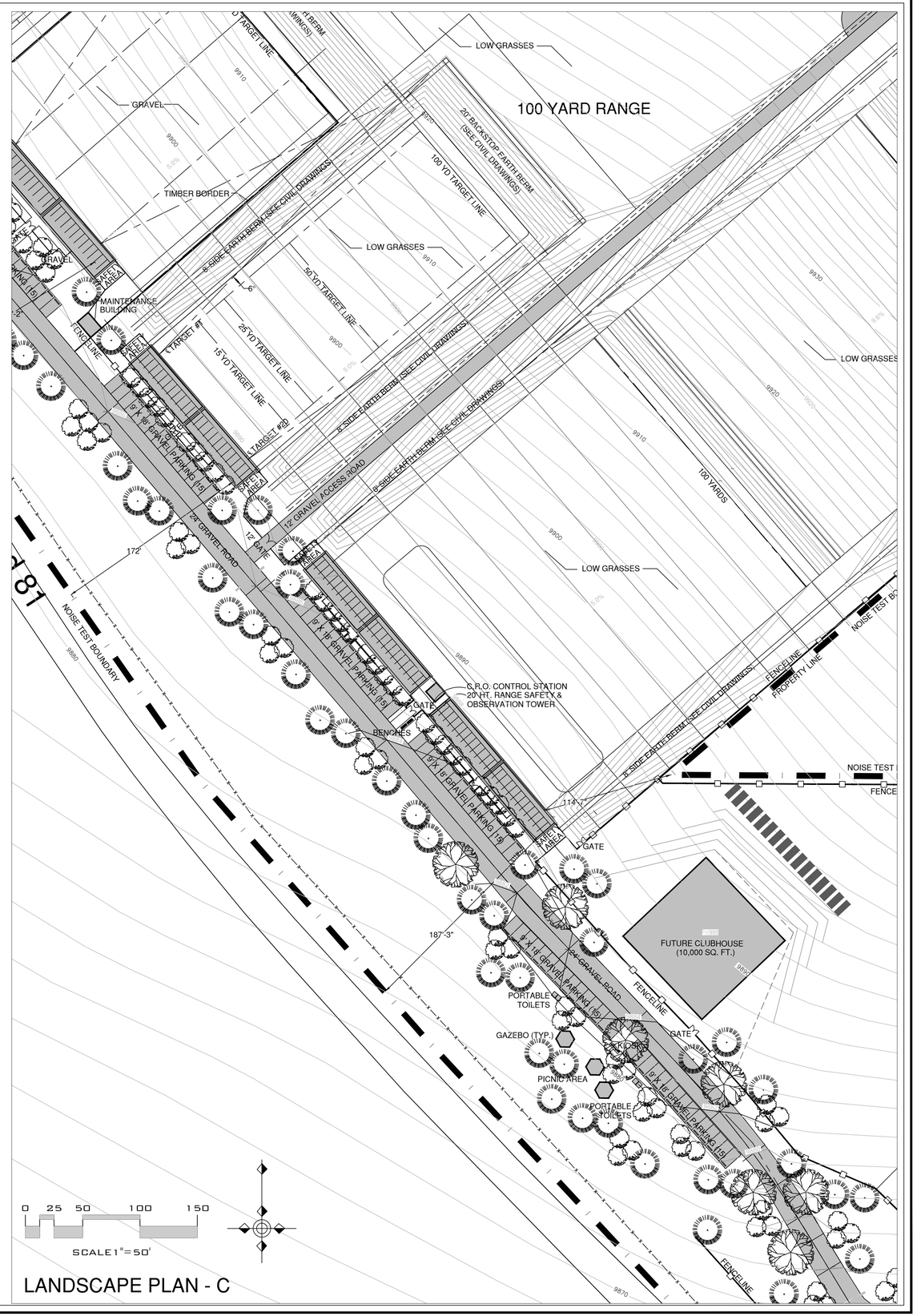

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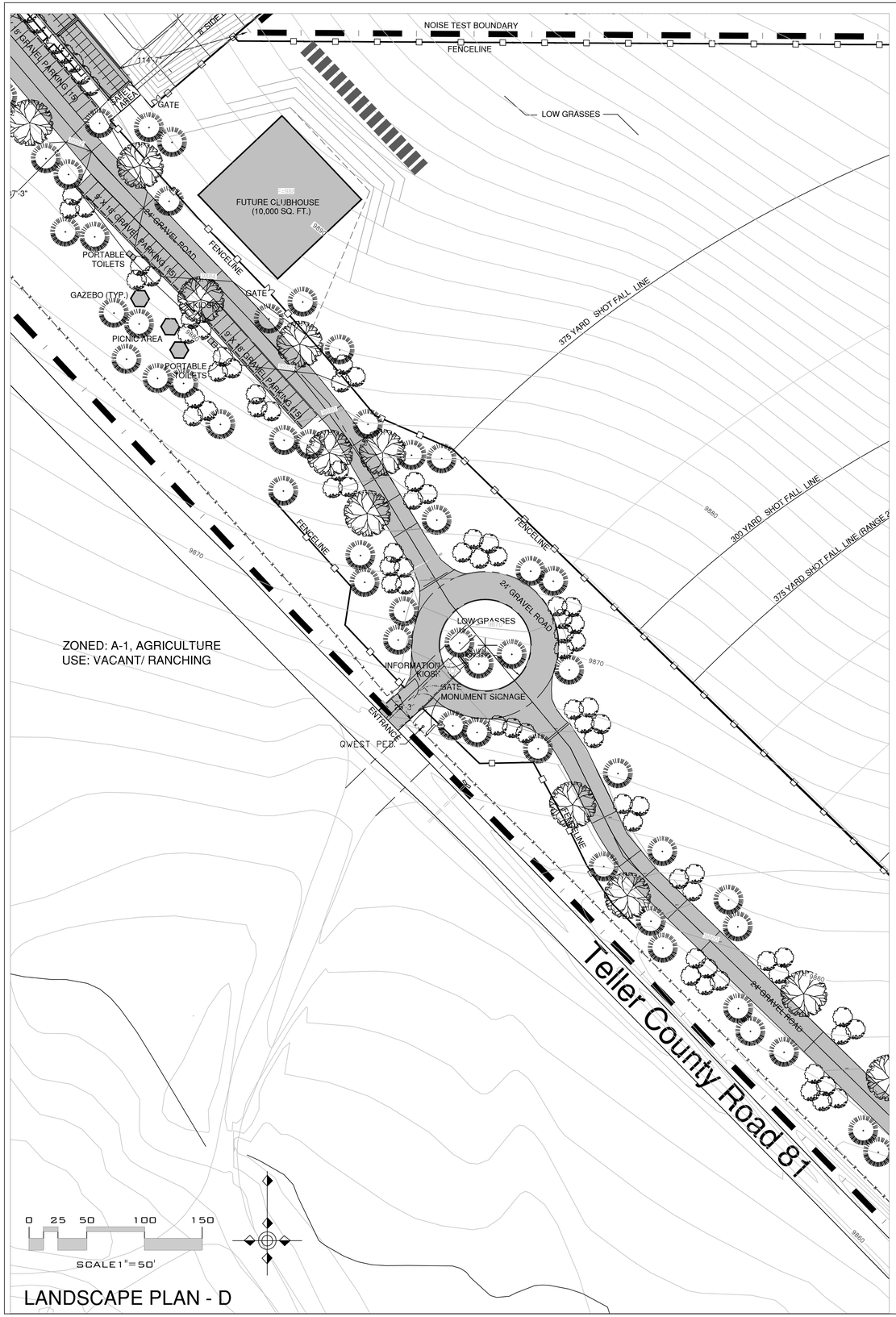
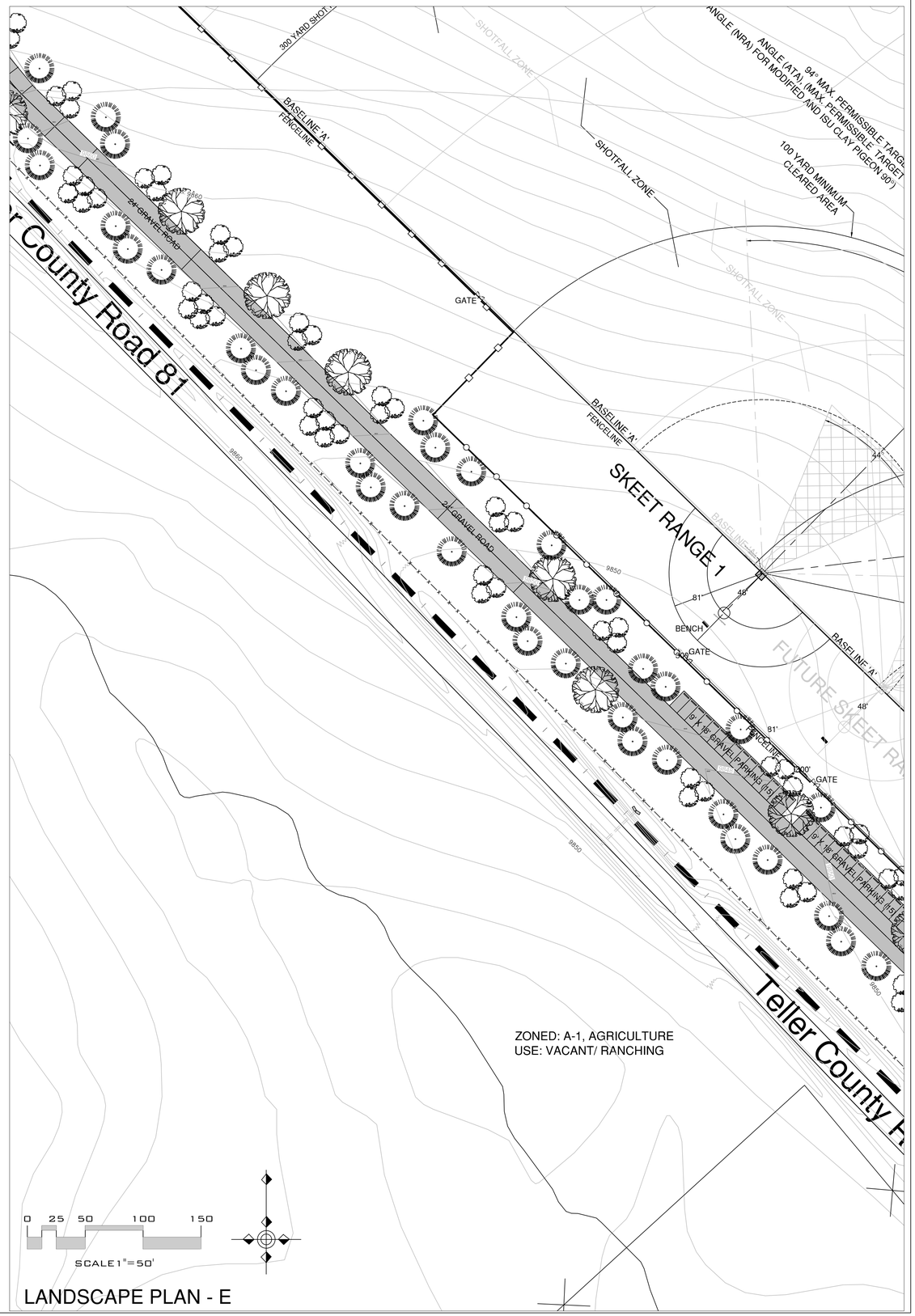
ARCHERY AND 15 TO 100 YARD PISTOL RANGE

SHEET NO. 5 OF 16 SHEETS





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Gold Camp Shooting Sports Center
County Road 81

TELLER COUNTY, CO

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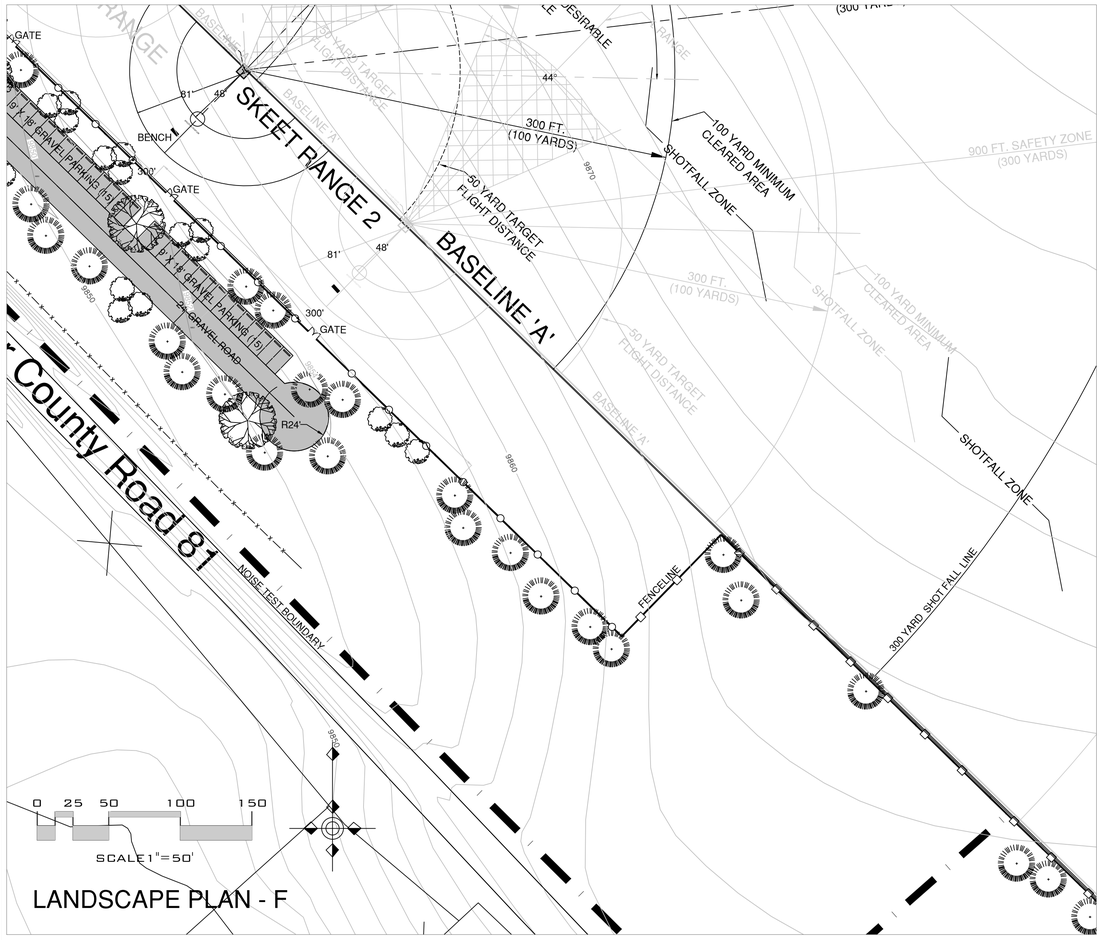
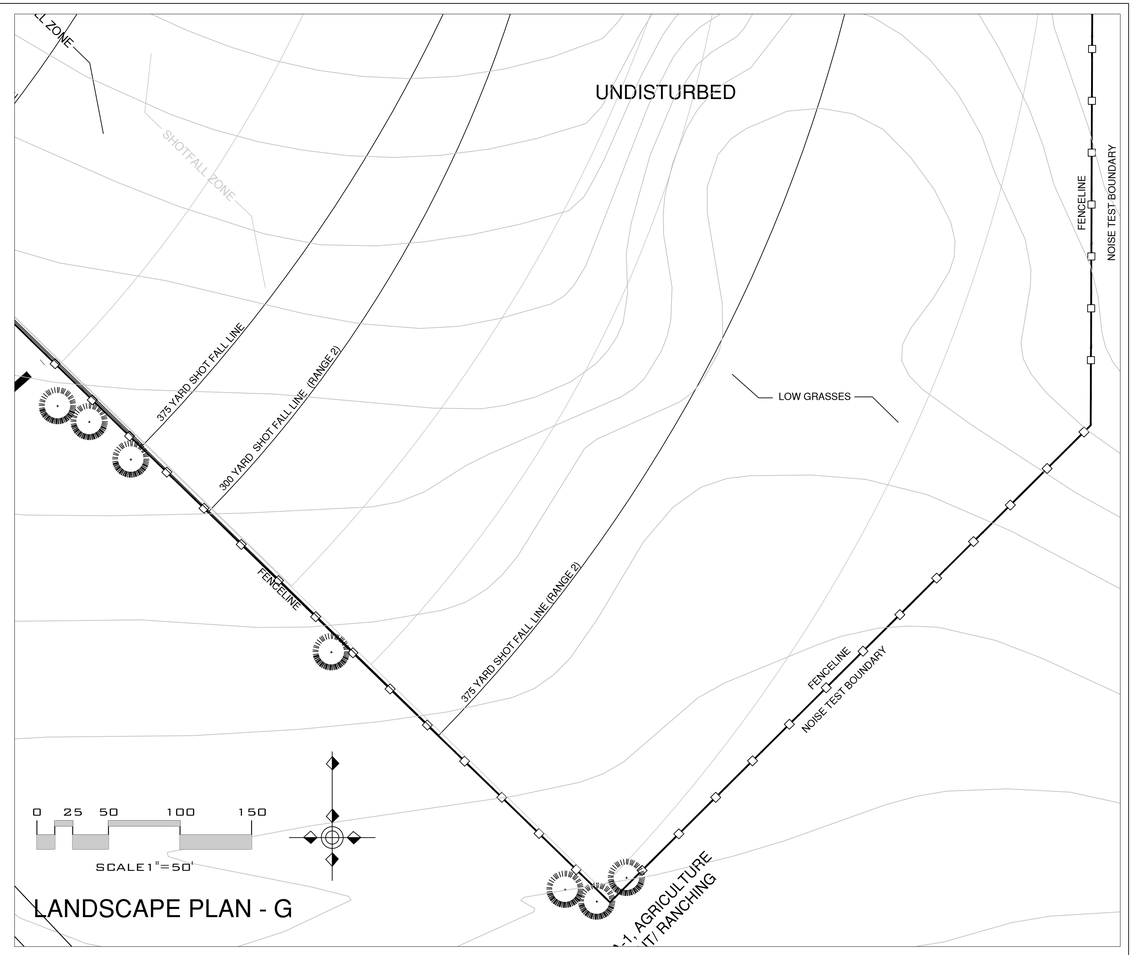
ARCHERY AND 15 TO 100 YARD PISTOL RANGE

SHEET NO. 6 OF 16 SHEETS

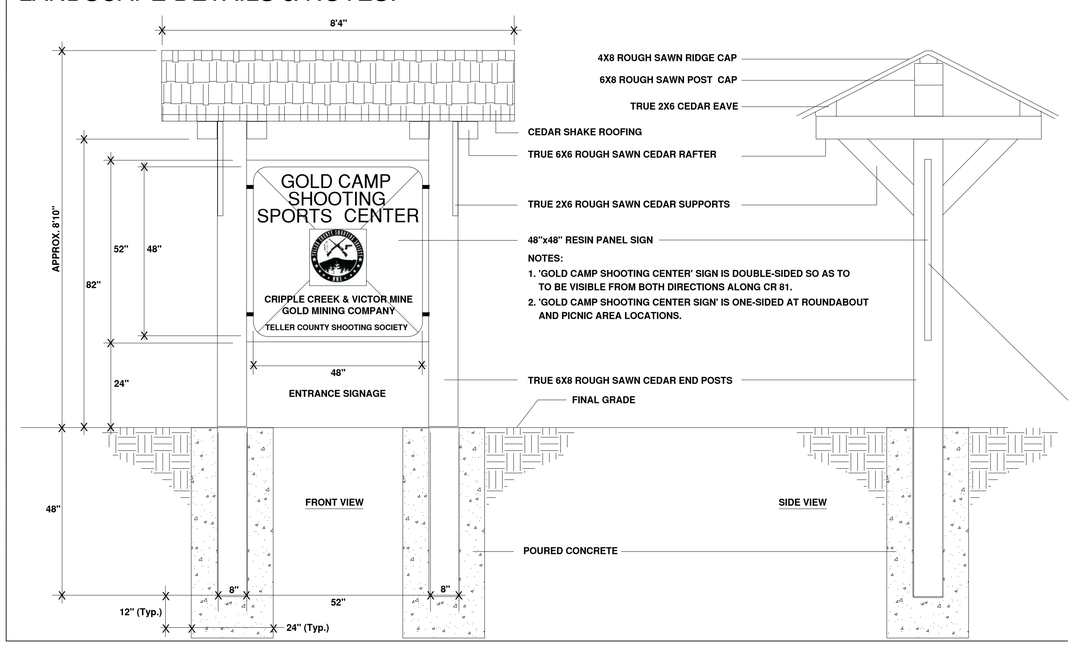


LANDSCAPE PLAN - F

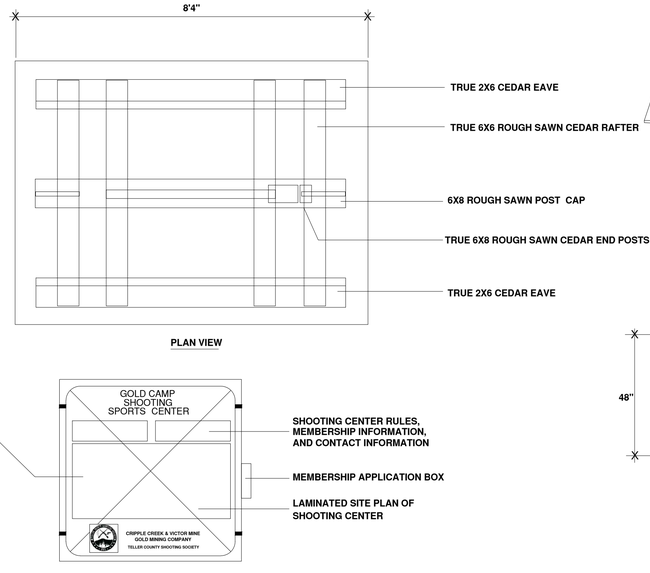


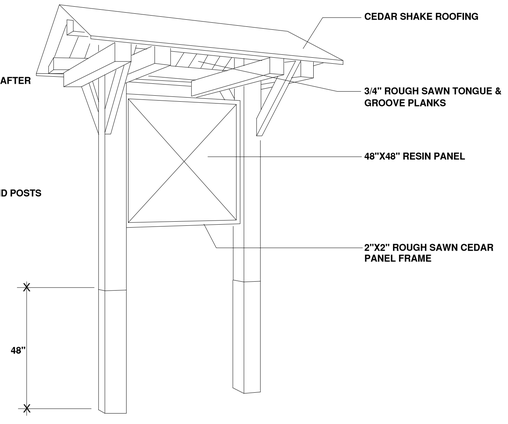
LANDSCAPE PLAN - G

LANDSCAPE DETAILS & NOTES:



ENTRANCE & SIGNAGE KIOSK
NTS





NOTES:
1. ALL LUMBER IS ROUGH SAWN DRIED CEDAR.
2. PROVIDE SF-450 HEAVY DUTY SUB-FLOOR & CONSTRUCTION ADHESIVE AT ALL LUMBER-TO-LUMBER SURFACES AND MORTISE JOINTS.
3. ALL LUMBER TO BE STAINED ON-SITE WITH THOMPSON WATER SEAL. ADVANCED TINTED WOOD PROTECTOR (NATURAL CEDAR).

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Mountain American Property of Landscape Associates

Gold Camp Shooting Sports Center
County Road 81
TELLER COUNTY, CO

DATE: 11/5/2012
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CHECKED: JRA

REVISIONS:		
DATE:	BY:	COMMENTS:

ARCHERY AND 15 TO 100 YARD PISTOL RANGE

SHEET NO. 7 OF 16 SHEETS

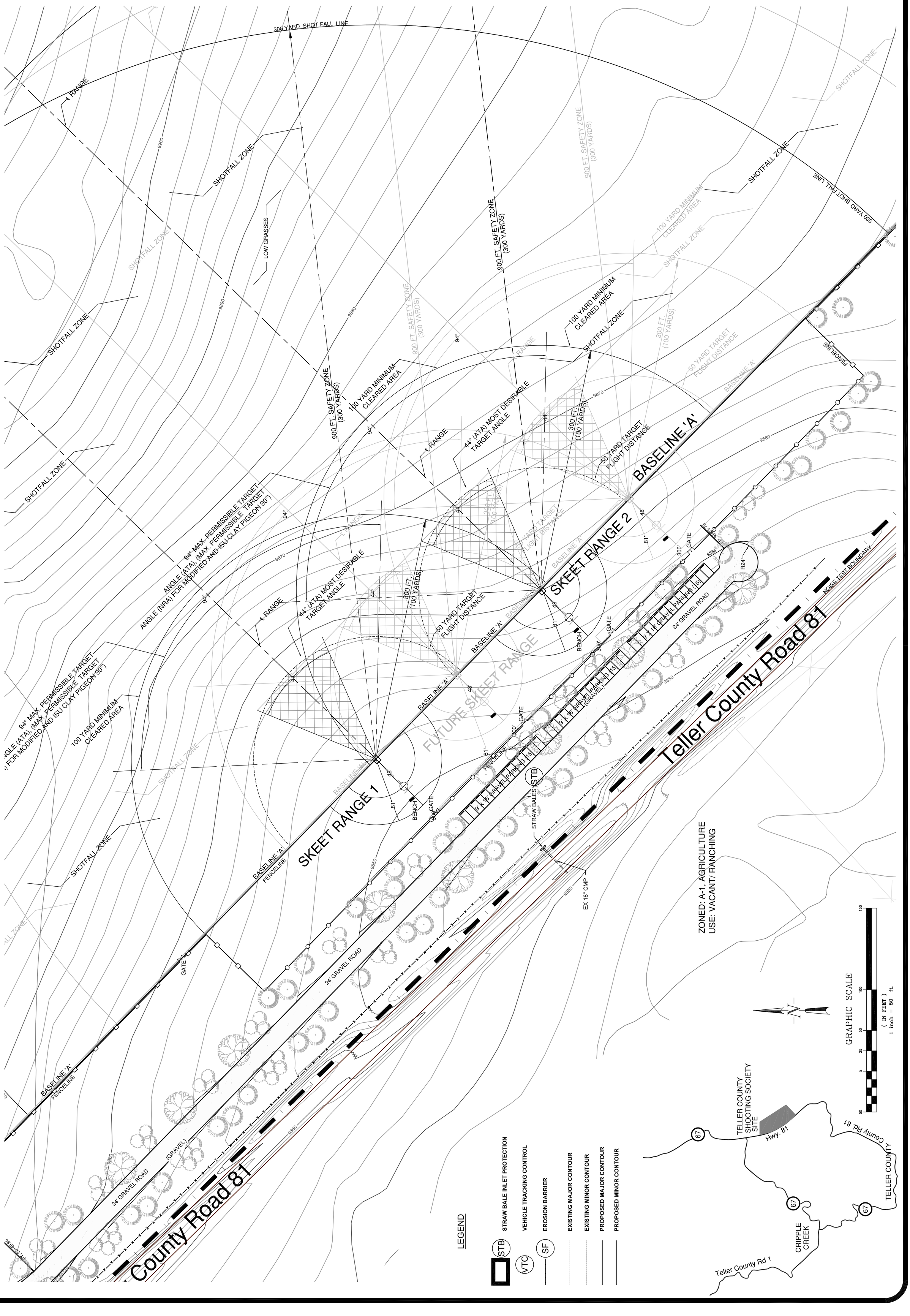
GOLD CAMP SHOOTING SPORTS CENTER
COUNTY ROAD 81
TELLER COUNTY, COLORADO
GRADING/EROSION CONTROL PLAN

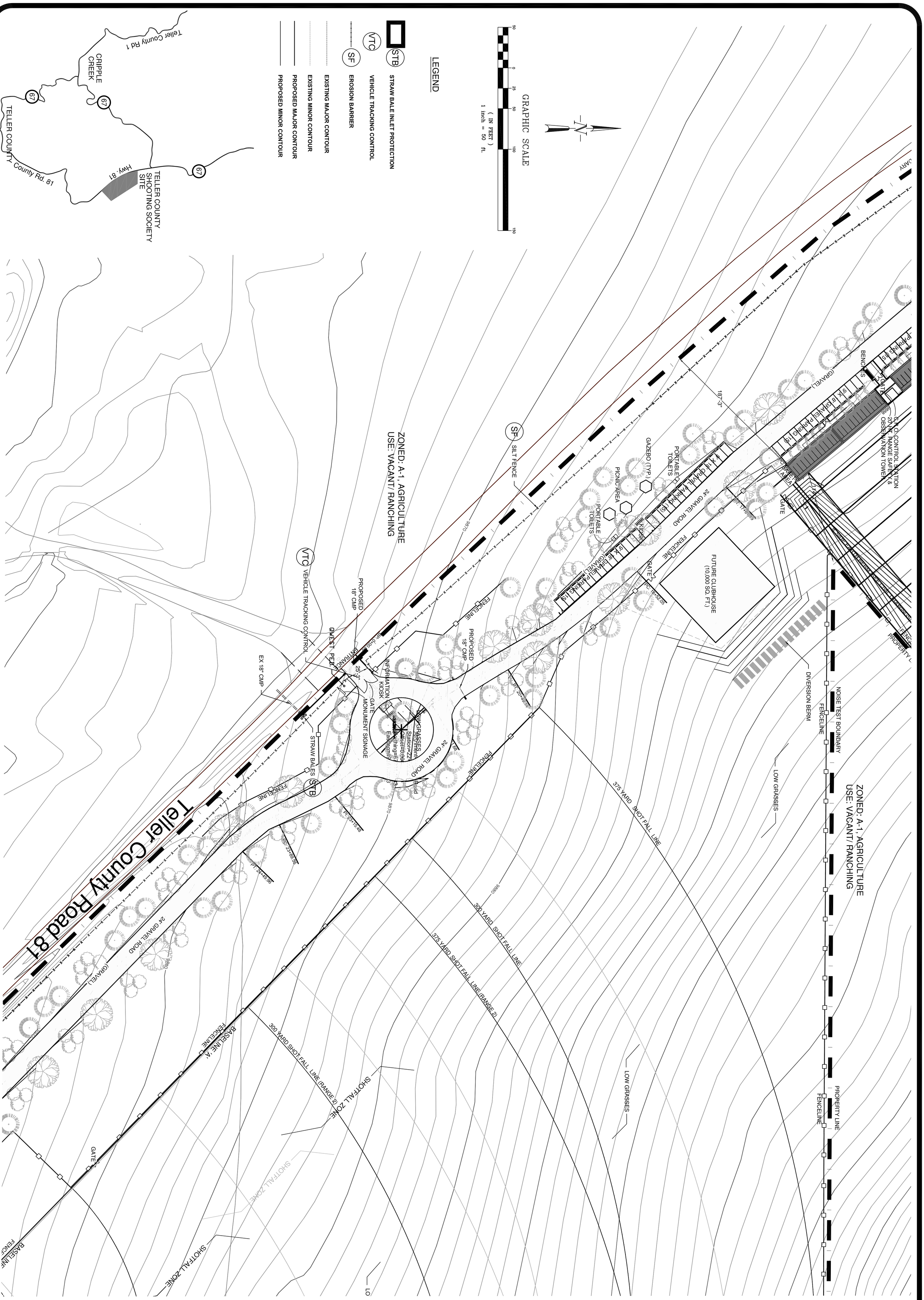
SHEET 8 of 16

NO.	DATE	REVISION	BY

PREPARED BY:
ADP
Associated Design Professionals, Inc.
3520 Austin Bluffs Parkway
Suite 200
Colorado Springs, CO 80918
(719) 266-5212
fax: (719) 266-5341

DATE: 11/19/12 DESIGNED BY JRH
JOB NO. 111006 PROJECT ENGINEER MAB
CAD FILE NO. BASE.DWG PROJECT MANAGER MAB
DRAWN BY JRH SCALE: 1" = 50' HORZ. VERT.

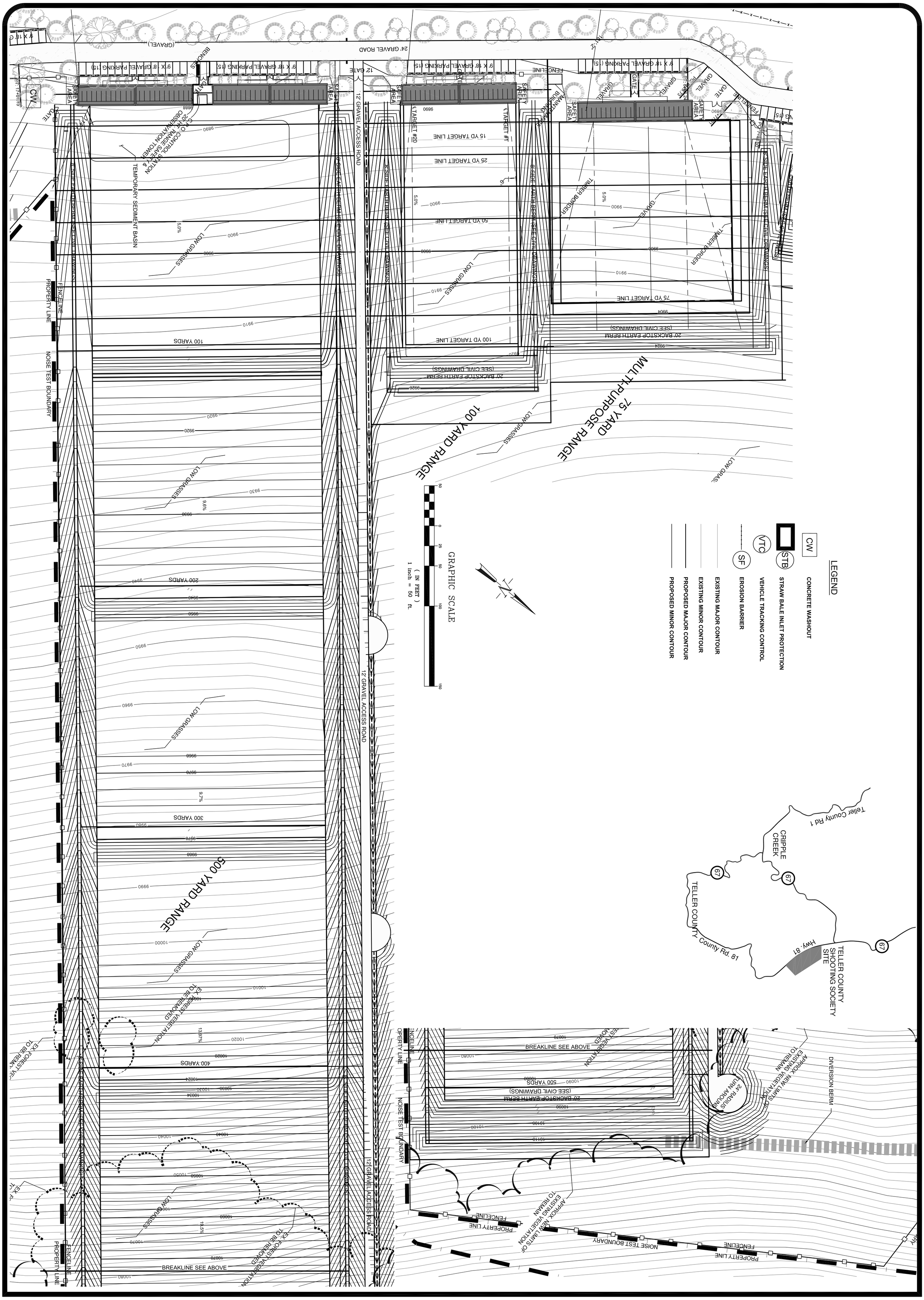




SHEET 9 of 16		GOLD CAMP SHOOTING SPORTS CENTER COUNTY ROAD 81 TELLER COUNTY, COLORADO GRADING/EROSION CONTROL PLAN	NO.	DATE	REVISION	BY

PREPARED BY:
ADP
Associated Design Professionals,Inc.
3520 Austin Bluffs Parkway
Suite 200
Colorado Springs, CO 80918
(719) 266-5212
fax: (719) 266-5341

DATE: 11/19/12	DESIGNED BY JRH
JOB NO. 111006	PROJECT ENGINEER MAB
CAD FILE NO. BASE.DWG	PROJECT MANAGER MAB
DRAWN BY JRH	SCALE: HORZ. 1" = 50' VERT.



GOLD CAMP SHOOTING SPORTS CENTER
COUNTY ROAD 81
TELLER COUNTY, COLORADO
GRADING/EROSION CONTROL PLAN

NO.	DATE	REVISION	BY

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DESIGNED BY JRH
JOB NO. 111006
PROJECT ENGINEER MAB
CAD FILE NO. BASE.DWG
PROJECT MANAGER MAB
DRAWN BY JRH
SCALE: HORZ. 1" = 100'
VERT.

ARCHERY RANGE

50 YARD RANGE

25 YARD RANGE

75 YARD
MULTI-PURPOSE RANGE

100 YARD RANGE

UNDISTURBED

ZONED: A-1, AGRICULTURE
USE: VACANT/ RANCHING

ZONED: A-1, AGRICULTURE
USE: VACANT/ RANCHING

Teller County Road 81

NOISE TEST BOUNDARY

FENCELINE

LOW GRASSES

DIVERSION BERM

24' GRAVEL ROAD

12' GRAVEL ACCESS RD.

GATE

BENCHES

TIMBER BORDER

GRAVEL

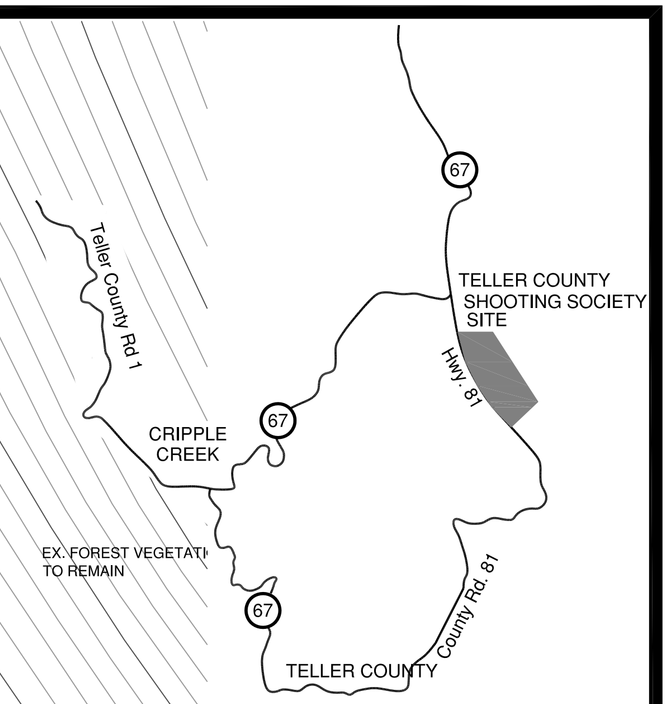
MAINTENANCE BUILDING

SILT FENCE

GRAPHIC SCALE

50 0 25 50 100 150

(IN FEET)
1 inch = 50 ft.



LEGEND

- STB — STRAW BALE INLET PROTECTION
- VTC — VEHICLE TRACKING CONTROL
- SF — EROSION BARRIER
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR

DESIGNED BY JRH | PROJECT ENGINEER MAB | PROJECT MANAGER MAB | SCALE: HORZ.: 1" = 100' VERT.: ____

DATE: 11/18/12 | JOB NO. 111006 | CAD FILE NO. BASE.DWG | DRAWN BY JRH

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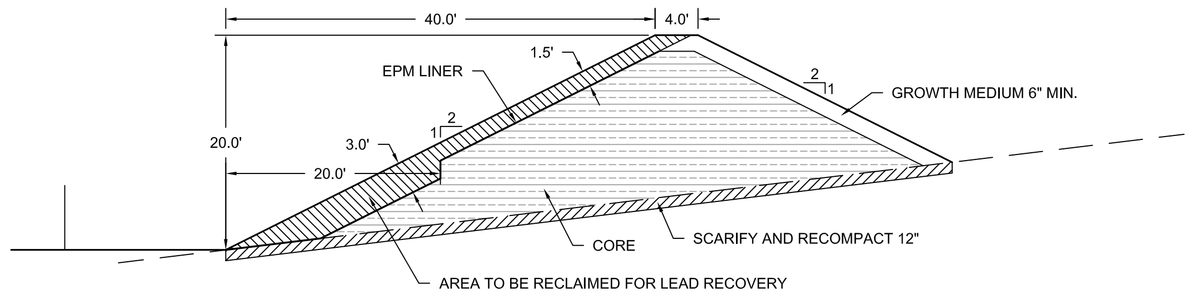
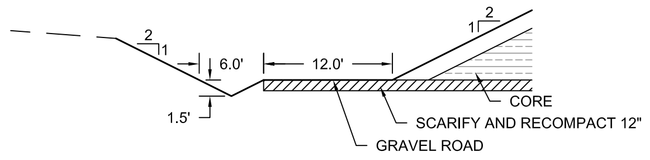
GOLD CAMP SHOOTING SPORTS CENTER
COUNTY ROAD 81
TELLER COUNTY, COLORADO
GRADING/EROSION CONTROL PLAN

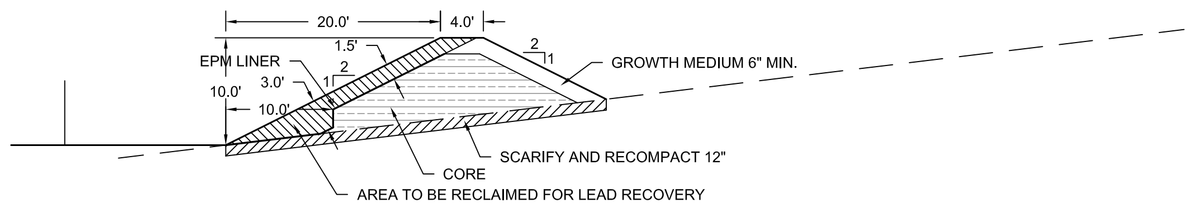
SHEET
11 of 16



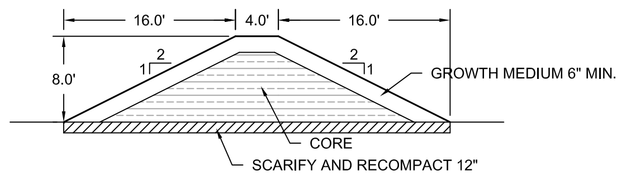
TYPICAL BACKSTOP SECTION



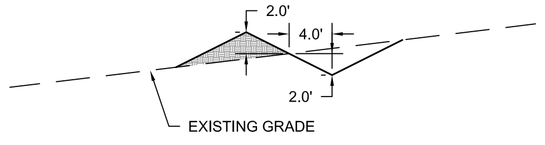
500 YARD RIFLE RANGE GRADED ROAD SECTION



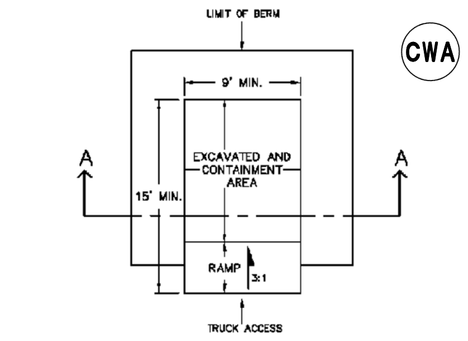
500 YARD RANGE INTERMEDIATE BACKSTOP SECTION



SIDE BERM SECTION



DIVERSION BERM SECTION



NOTES:
1. SIGN MATERIAL, EXCAVATION, AND RESTORATION ARE INCLUDED IN THE COST OF THE CONCRETE WASHOUT STRUCTURE.
2. EROSION BALES MAY BE USED AS AN ALTERNATIVE FOR THE BERM.

CONCRETE WASHOUT
N.T.S.

GENERAL NOTES
1. Do not prepare or seed frozen soils.
2. Do not seed when wind exceeds 5 mph.
3. Perform seeding only after preceding work affecting ground surface is completed.
4. Do not mulch over seeded areas when wind exceeds 15 mph.
5. Seed all disturbed areas.
6. Seed to be a blend of native prarie grasses.
7. Watering shall be provided in the form of watering trucks and spray bars.

MULCH MATERIALS
1. HAY OR STRAY MULCH
   - A) Chopped of oats, wheat or rye grass hay.
   - B) Free from noxious weed seeds.
   - C) Rotted, brittle or molded hay is not acceptable.
   - D) 50% by weight greater than 10" inch length.
2. FIBER
   - A) Short wood fiber.
   - B) "Conweed", "Silver Fiber" or equivalent.

BED PREPARATION
1. Prepare to a minimum depth of 4" with disc harros or chiseling tools.
2. Uproot all competitive vegetation.
3. Work soil uniformly to a smooth surface free of clods, stones over 2" in any dimension or any material which will interfere seeding equipment.
4. Till across slopes.
5. Do not till when soil moisture is unsuitable.
   - A) Soil texture after tillage shall be uniform, free of wet compressed or dry lumps.
6. Do not prepare seed bed more than twenty four hours in advance of seeding.
7. Fertilize at a rate of fifty (2) lbs. nitrogen per 1,000 sf.
   - A) Till fertilizer into soil a minimum of two (2) inches.

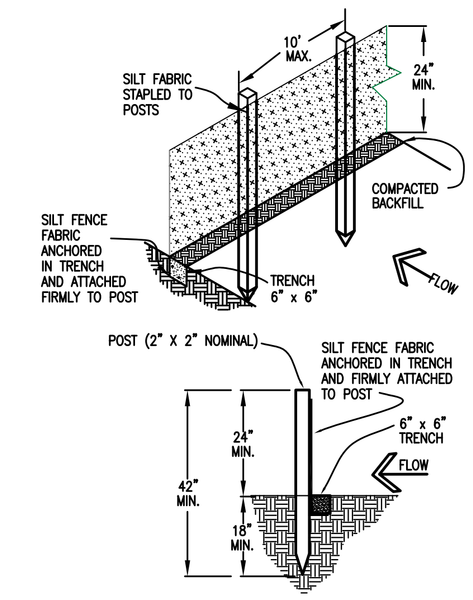
GRASS MIX

40% Tetragold Annual Forage Ryegrass
20% Ryegrain VNS
15% Kentucky Bluegrass
10% Potomoc, Orchardgrass
05% Smooth Bromegrass
05% Timothy Grass
05% Alsike Clover

SOW RATE: 0.6 to 0.7 pounds per 1,000 square feet, 30 pounds per acre.

EROSION CONTROL PLAN NOTES

1. All disturbed areas are to be reseeded.
2. Schedule of Grading – approximate time frame of one month to complete grading and installation of erosion control measures.
3. Erosion control BMPs shall be kept in place and maintained until the vegetation has been reestablished. Removal of sediment is required once it reaches half the height of the BMP until vegatation is re–established..



SF

SILT FENCE

SILT FENCE NOTES

INSTALLATION REQUIREMENTS

1. SILT FENCES SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBING ACTIVITIES.

2. WHEN JOINTS ARE NECESSARY, SILT FENCE GEOTEXTILE SHALL BE SPLICED TOGETHER ONLY AT SUPPORT POST AND SECURELY SEALED.

3. METAL POSTS SHALL BE "STUDDED TEE" OR "U" TYPE WITH MINIMUM WEIGHT OF 1.33 POUNDS PER LINEAR FOOT. WOOD POSTS SHALL HAVE A MINIMUM DIAMETER OR CROSS SECTION DIMENSION OF 2 INCHES.

4. THE FILTER MATERIAL SHALL BE FASTENED SECURELY TO METAL OR WOOD POSTS USING WIRE TIES, OR TO WOOD POSTS WITH 3/4" LONG #9 HEAVY-DUTY STAPLES. THE SILT FENCE GEOTEXTILE SHALL NOT BE STAPLED TO EXISTING TREES.

5. WHILE NOT REQUIRED, WIRE MESH FENCE MAY BE USED TO SUPPORT THE GEOTEXTILE. WIRE FENCE SHALL BE FASTENED SECURELY TO THE UPSLOPE SIDE OF THE POSTS USING HEAVY-DUTY WIRE STAPLES AT LEAST 3/4" LONG, TIE WIRES OR HOG RINGS. THE WIRE SHALL EXTEND INTO THE TRENCH A MINIMUM OF 6" AND SHALL NOT EXTEND MORE THAN 3' ABOVE THE ORIGINAL GROUND SURFACE.

6. ALONG THE TOE OF FILLS, INSTALL THE SILT FENCE ALONG A LEVEL CONTOUR AND PROVIDE AN AREA BEHIND THE FENCE FOR RUNOFF TO POND AND SEDIMENT TO SETTLE. A MINIMUM DISTANCE OF 5 FEET FROM THE TOE OF THE FILL IS RECOMMENDED.

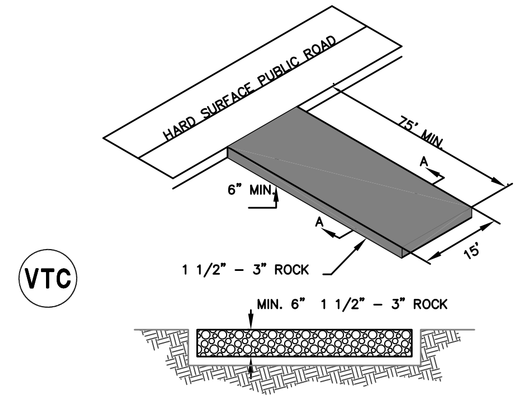
7. THE HEIGHT OF THE SILT FENCE FROM THE GROUND SURFACE SHALL BE MINIMUM OF 24 INCHES AND SHALL NOT EXCEED 36 INCHES; HIGHER FENCES MAY INPOUND VOLUMES OF WATER SUFFICIENT TO CAUSE FAILURE OF THE STRUCTURE.

MAINTENANCE REQUIREMENTS

1. CONTRACTOR SHALL INSPECT SILT FENCES IMMEDIATELY AFTER EACH RAINFALL, AT LEAST DAILY DURING PROLONGED RAINFALL, AND WEEKLY DURING PERIODS OF NO RAINFALL. DAMAGED, COLLAPSED, UNENTRENCHED OR INEFFECTIVE SILT FENCES SHALL BE PROMPTLY REPAIRED OR REPLACED.

2. SEDIMENT SHALL BE REMOVED FROM BEHIND SILT FENCE WHEN IT ACCUMULATES TO HALF THE EXPOSED GEOTEXTILE HEIGHT.

3. SILT FENCES SHALL BE REMOVED WHEN ADEQUATE VEGETATIVE COVER IS ATTAINED AS APPROVED BY THE CITY.



VTC

SECTION A–A

VEHICLE TRACKING CONTROL - DETAIL
N.T.S.

DESIGNED BY JRH | PROJECT ENGINEER MAB | PROJECT MANAGER MAB | SCALE: HORZ.: 1" = 100' VERT.: ____
DATE: 11/2/12 | JOB NO.: 111006 | CAD FILE NO.: BASE.DWG | DRAWN BY: JRH

PREPARED BY:

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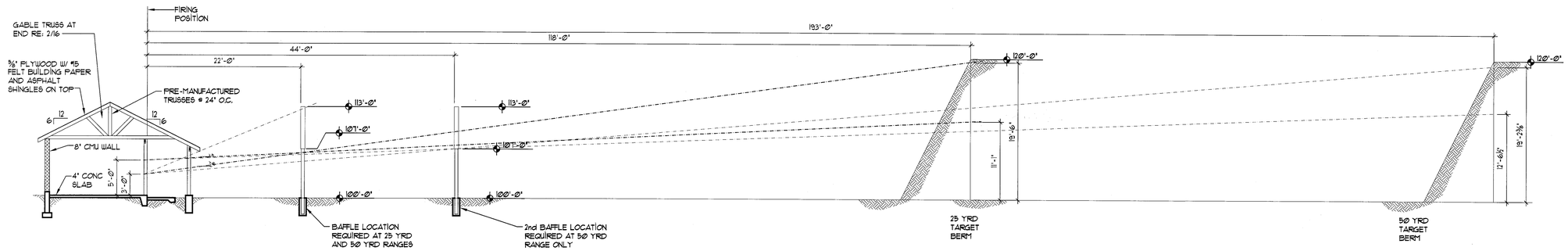
NO.	DATE	REVISION	BY

GOLD CAMP SHOOTING SPORTS CENTER
COUNTY ROAD 81
TELLER COUNTY, COLORADO

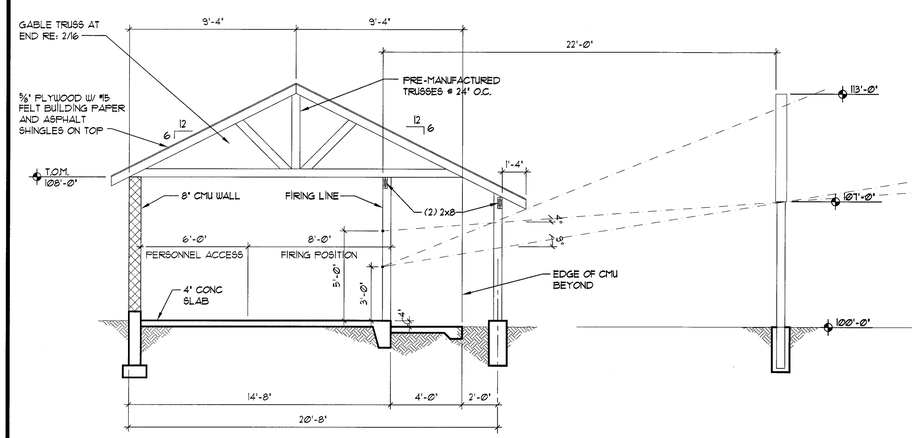
GRADING/EROSION CONTROL DETAILS

SHEET
12 of **16**



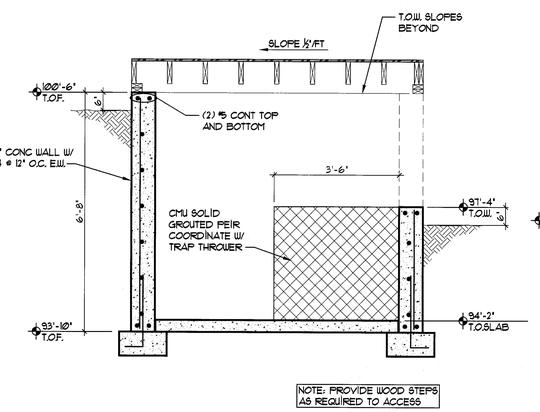
RANGE SECTION

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



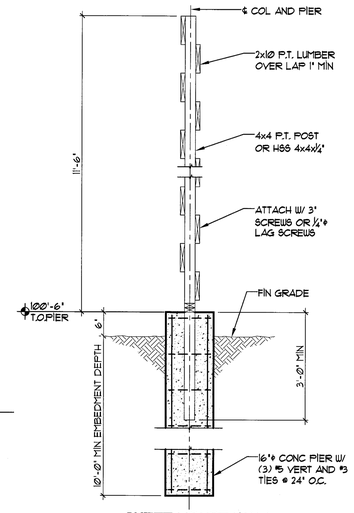
FIRING LINE STRUCTURE SECTION

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



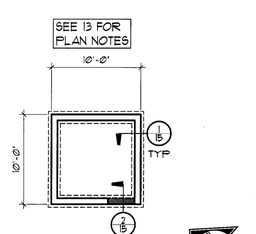
1/14 TRAP HOUSE SECTION

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



3/14 SKEET HOUSE WALL FOUNDATION DETAIL

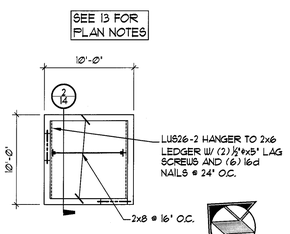
SCALE: 1/2" = 1'-0"



SKEET HOUSE FOUNDATION PLAN

NORTH

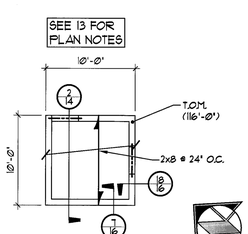
SCALE: 1/8" = 1'-0"



SKEET HOUSE FLOOR FRAMING PLAN

NORTH

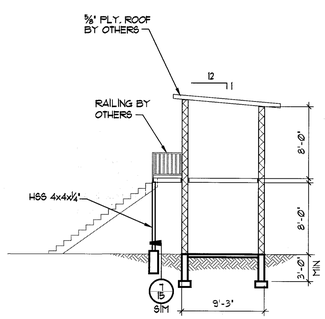
SCALE: 1/8" = 1'-0"



SKEET HOUSE ROOF FRAMING PLAN

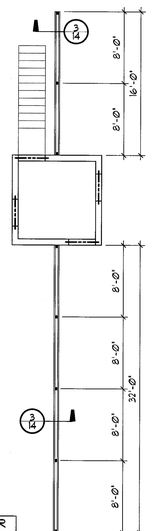
NORTH

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



2/14 HI-LOW SKEET HOUSE SECTION

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



NORTH

EET HOUSE WALL PLAN VIEW

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

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COLORADO LICENSED MARK D. WEIDHAAS 31528 PROFESSIONAL ENGINEER 11-5-12

GOLD CAMP SHOOTING SPORTS CENTER

CR 81
TELLER COUNTY, COLORADO
TELLER COUNTY SHOOTING SOCIETY

ENGINEER:	MW
DRAWN BY:	CL
CHECKED BY:	MW
PRINTING:	DATE:
SUBMITTAL	11-05-12
.	.
REVISION:	DATE:
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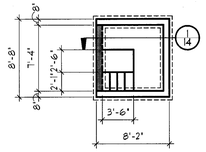
FOUNDATION FRAMING PLANS SECTIONS AND DETAILS

SHEET No. 14 OF 16

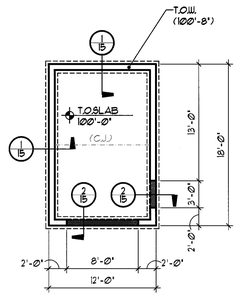
JOB No. 131963



TRAP HOUSE FOUNDATION PLAN

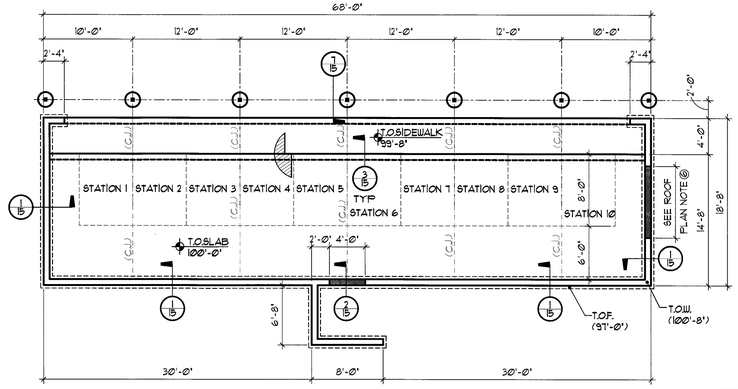
NORTH

SCALE: 1/8" = 1'-Ø"



STORAGE SHED FOUNDATION PLAN

SCALE: 1/8" = 1'-Ø"



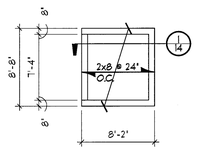
10 STATION FIRING LINE STRUCTURE FOUNDATION PLAN

NORTH

SCALE: 1/8" = 1'-Ø"

FOUNDATION PLAN NOTES

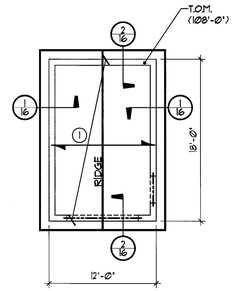
1. FLOOR IS 4" CONCRETE SLAB ON GRADE REINFORCED WITH CELLULOSE FIBER MESH REINFORCING
2. ELEVATION TOP OF SLAB = 100'-0", EXCEPT AS NOTED THUS: T.O.SLAB
   REFER TO CIVIL DRAWINGS FOR ACTUAL ELEVATION
3. ELEVATION TOP OF CONCRETE FOUNDATION WALLS = 100'-8" EXCEPT AS NOTED THUS: T.O.W. (XX'-X"). T.O.W. ELEVATIONS SHALL MAINTAIN A MINIMUM OF 6" ABOVE FINISH GRADE
4. ELEVATION TOP OF EXTERIOR FOOTINGS = 97'-0" EXCEPT AS NOTED THUS: T.O.F. (XX'-X").
5. ALL FOOTINGS ARE CENTERED BELOW COLUMNS OR WALLS UNO
6. ALL CONTINUOUS FOOTINGS ARE 1'-0" DEEP AND 1'-6" WIDE UNO
7. FOR TYPICAL SLAB CONTROL JOINT DETAIL RE: 4/14 ALL CONTROL JOINTS (C.J.) TO BE VERIFIED BY CONTRACTOR
8. FOR CORNER REINFORCING IN STEM WALLS RE: 5/14
9. SHADE INDICATES DROP WALL 8" AT DOORS AND FOUR THICKENED SLAB THROUGH OPENING



NORTH

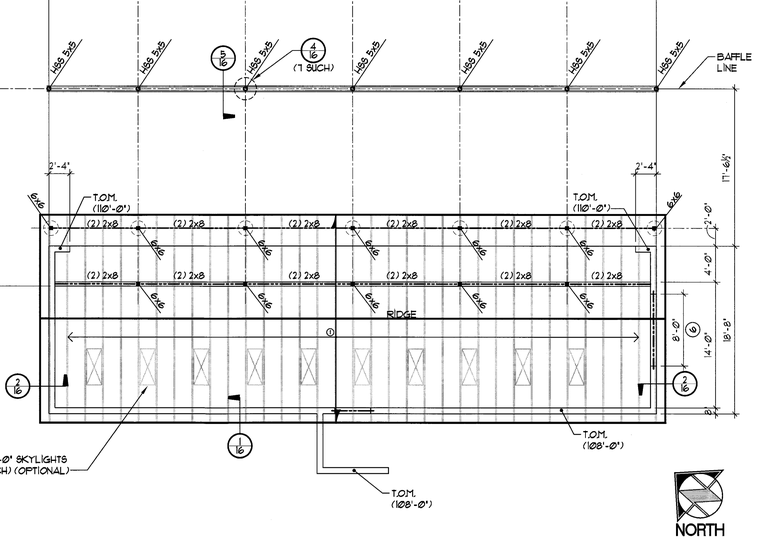
TRAP HOUSE ROOF FRAMING PLAN

SCALE: 1/8" = 1'-Ø"



STORAGE SHED ROOF FRAMING PLAN

SCALE: 1/8" = 1'-Ø"



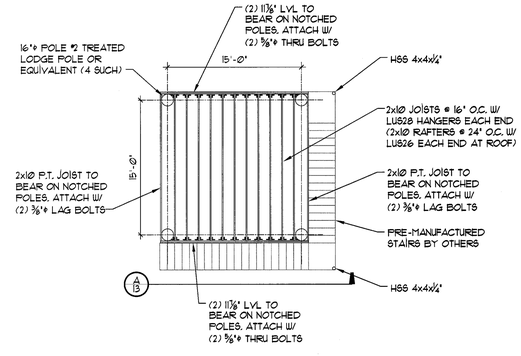
NORTH

10 STATION FIRING LINE STRUCTURE ROOF FRAMING PLAN

SCALE: 1/8" = 1'-Ø"

ROOF FRAMING PLAN NOTES

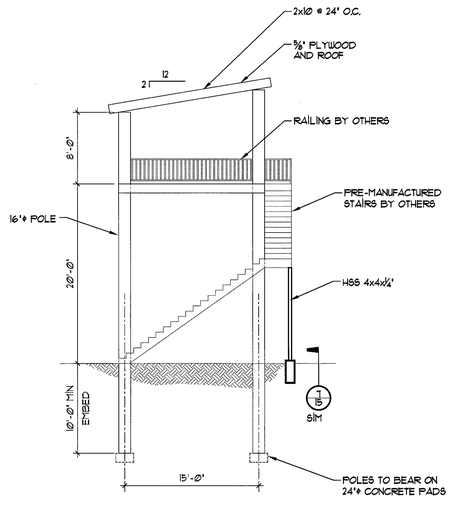
1. PRE-ENGINEERED TRUSSES @ 24" O.C.
2. ROOF DECK IS 5/8" CDX PLYWOOD W/ 8d NAILS @ 6" O.C. ALONG SUPPORTED EDGES AND 12" O.C. IN FIELD
3. EXTERIOR WALLS ARE LIGHTWEIGHT CMU BEARING WALLS. REFER TO FOUNDATION DETAILS FOR REINFORCING. FOR MASONRY CONTROL JOINTS RE: 6/16
4. ELEVATION TO OF CMU WALLS NOTED THUS: T.O.M. (X'-XX")
5. FOR LOOSE LINTEL SCHEDULE RE: 3/16
6. SIDE ENTRY ON ONE SIDE (ONLY) ADJACENT TO FUTURE BUILDING SITE



RANGE CONTROL/SAFETY OBSERVATION TOWER FLOOR/ROOF FRAMING PLAN

NORTH

SCALE: 1/8" = 1'-Ø"



A/13 RANGE CONTROL/SAFETY OBSERVATION TOWER SECTION

SCALE: 1/8" = 1'-Ø"

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CHRIS D. WEIDHAAS
31528
PROFESSIONAL ENGINEER
11-13-12

GOLD CAMP SHOOTING SPORTS CENTER

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TELLER COUNTY, COLORADO
TELLER COUNTY SHOOTING SOCIETY

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FOUNDATION AND ROOF FRAMING PLANS

SHEET No.
13
OF 16

JOB No.
131963

S:\TE SPEC\2011\William Gumaer & Associates

GENERAL STRUCTURAL NOTES

1. APPLICABLE CODES:

A. These general notes apply to all structural drawings. This project is designed in accordance with the International Building Code (IBC) 2003 Edition, and the Minimum Design Loads for Buildings and Other Structures (ASCE 7-02) and The Teller County Building Code. (2010 changes)

B. All material and workmanship shall be in accordance with applicable provisions of the codes specified above.

2. LOADS USED IN DESIGN:

A. Roof Live Loads: Pr (Balanced) ..... 40 psf
(and/or drift) provisions ASCE 7-02, section 7.7)
Snow Load Importance Factor, I ... 1.0
Snow Thermal Factor, Ct 1.2
Snow Exposure Factor, Ce 1.0
Roof Dead Loads: ..... 15 psf
Floor Live Loads: ..... 60 psf
B. Wind: Base Wind Speed, Vw ..... 85 mph
Exposure ..... 'C'
Wind Importance Factor, I 1.0
Building Category
II - Other
Internal Pressure Coefficient, GCpi ..... ±0.55 psf

3. COORDINATION:

A. **DO NOT SCALE.** Changes affecting the layout shown must be specific and clearly conveyed to **RMG Engineers Group** in written form as a change for inclusion into these plans. Contractor and/or client shall verify all **dimensions and layout prior to construction.** All dimensions on structural drawings shall be checked against architectural drawings and any discrepancies shall be brought to the attention of the Architect and Engineer immediately. Refer to mechanical, electrical and architectural drawings for openings not shown on structural drawings.

B. Shop drawings shall be prepared by the fabricator. Copying of these construction documents for use as shop drawings will not be permitted. General contractor shall review shops prior to submitting to design team.

C. All temporary shoring shall be the responsibility of the contractor.

D. Design is valid after two years from original date of issue, unless updated to acceptable codes and practices at that time.

E. A preconstruction meeting with personnel of **RMG Engineers Group**, the architect, contractor and appropriate subcontractors is strongly recommended prior to construction to discuss structural plans.

4. CONCRETE:

A. Concrete has been designed and shall be constructed in accordance with the American Concrete Institute 'Building Code Requirement Reinforced Concrete' and 'Specifications for Structural Concrete for Buildings' (ACI 318 and ACI 301) latest editions. Section 1.3 "Inspection" of ACI 318 is deleted in its entirety, see "Field Observations" paragraph. All concrete shall be of stone aggregate, unless noted otherwise.

B. Concrete mixes:
See specifications for any additional durability requirements.
Mix 'A' For interior slabs on grade:
4,000 psi minimum compressive strength at age of 28 days.
Type I/II Cement, minimum of 540 pounds per cubic yard.
Fly ash not allowed.
3/4" maximum aggregate size.
3% Maximum air.
4" (8" with superplasticizer) maximum slump.
Water reducing agent.
Use in accordance with manufacturer's recommendations.
Mix 'B' For footings, grade beams, and miscellaneous concrete:
3,000 psi minimum compressive strength at age of 28 days.
Type I/II Cement, minimum of 470 pounds per cubic yard.
3/4" maximum aggregate size.
6±1 1/2% Entrained air.
4" (8" with superplasticizer) maximum slump.

C. Reinforcing is to be new billet steel ASTM A615, Grade-60, except ties and bars to be welded shall be Grade-40. Provide not less than (2) #5 around all sides of all openings in concrete and extend 2'-0" past edges of openings. No splices of reinforcement are permitted except as detailed or authorized by structural engineer. Where permitted, use contact lap splices, (36) bar diameters minimum. Welded Wire Fabric (WWF) shall be in accordance with ASTM A185. Lap (1) full mesh minimum at splices. No welding of reinforcement permitted unless detailed.

D. Placing of Reinforcement: Provide chairs, bolsters, additional reinforcement, and accessories necessary to support reinforcement at position shown on drawings. Support of reinforcement on form ties, wood, brick, brickbat or other unacceptable material, will not be permitted.

E. Reinforcement shall be placed so that the following minimum concrete protection is provided, unless noted otherwise:
1) Concrete surfaces poured against ground .... 3" Clear
2) Formed surfaces exposed to ground or weather.
a) Bars #6 and larger ..... 2" Clear
b) Bars #5 and smaller ..... 1 1/2" Clear
3) Slabs ..... at center (u.n.o.)
4) Concrete not exposed to earth or weather .. 3/4"
5) Beams, Columns, Ties, Stirrups or spirals around
primary reinforcement, or primary reinforcement
with no ties, stirrups or spirals ..... 1 1/2"

F. Foundation elements below grade shall have backfill placed equally on both sides until the required levels are reached. Walls shall be appropriately shored when backfill is placed on one side only.

G. Additional (2) #5 bars (one each face) with a 2'-0" projection shall be placed diagonally across the corners of all openings and vertical steps in walls unless otherwise detailed on plans.

H. The contractor is responsible for determining when it is safe to remove forms and/or shoring. Forms and shoring must not be removed until the walls are strong enough to carry their own weight and any anticipated superimposed loads. For foundation walls, this typically requires at least 12 hours of cumulative curing time at a temperature of 50°F or more. Concrete must be adequately covered during cold periods to maintain this surface temperature. Due to varying weather conditions, alternative curing processes, and the use of Type I/II cement, **RMG Engineers Group** suggests forms remain in place a minimum of 3 days to assure this performance specification has been met. When forms are stripped there must be no excessive deflection or distortion or discoloration and no evidence of damage to the concrete. Adequate thermal protection of the concrete shall be continued after stripping for a cumulative period of 48 hours at 50°F, or more, after the initial pour. See applicable notes for specifications on when to backfill foundation walls.

I. Field quality control:
1) Reference standards: ACI 301 Chapters 16 and 17, latest edition.
2) Slump tests: The general contractor shall provide necessary equipment and shall make test in conformity with ASTM C143. The contractor shall make slump tests on the first truck of each pour and as often as deemed necessary by the contractor to maintain the required slump tests when directed by the Architect or Engineer.
3) Control tests:
a. Control tests of concrete work shall be made on every 50 cubic yards or fraction thereof of concrete placed and, in any case, minimum of once during each day's pour.
b. Each test shall consist of four standard 6" test cylinders cast and cured in accordance with ASTM C31 and ASTM C172.
c. Sample concrete at point of placement.
d. One cylinder shall be broken at end of seven days after placing, two cylinders shall be broken at end of 28 days after placing, and remaining cylinder shall be stored until its disposition is determined by Architect.
e. In general, remaining cylinder will be broken only when previous test reports indicated unsatisfactory results.
f. Tests on remaining cylinder shall be at expense of the contractor.
g. Architect and/or Engineer reserves right to stop future concrete work when seven or 28 day tests indicate unsatisfactory results until, in the opinion of the Architect and/or the Engineer of Record, proper corrective measures have been taken to insure quality concrete in future work and corrections deemed necessary have been made.
h. Tests shall be made at time control tests are taken and so stated in reports to determine slump, air content, unit weights and temperature of concrete.
i. All tests shall be made in accordance with ASTM C138 or ASTM C231.
4) Slab tolerance: Maintain surface flatness with maximum variation of 1/8 inch in 20 feet.

5. WOOD:

A. Framing lumber shall be Hem Fir (unless noted otherwise) and as follow or better:
2x4 studs ..... Stud Grade
2x6 or larger studs... #2 Grade
Plates..... #3 Grade
Joists and Rafters .... #2 Grade
2x and 4x Beams ..... #2 Grade
6x or larger Beams ....#1 Grade Beam and Stringer
Glu-Lam Beams ..... 24F-V4 DF/DF unless noted otherwise
Posts..... #1 Grade Post and Timber

B. All wood construction shall be in conformance with the provisions of 'The National Design Specification for Wood Construction', latest edition.

C. Laminated Veneer Lumber (LVL) and prefab joists shall be manufactured by 'TrusJoist' or equivalent or shall meet APA Performance Standards, and installed per manufacturers specifications. Supplier shall furnish shop drawings showing all joists, bridging, blocking and miscellaneous accessories for review by the structural engineer prior to fabrication.

D. Where not otherwise shown on plans, all nailing or screwing shall be as indicated in the Building Code. All sheathing must be nailed. Adhesives **SHALL NOT** be used in place of nailing.

E. Metal connectors to be provided by 'Simpson Strong-Tie' or equivalent.

F. APA rated OSB may be used in lieu of plywood with prior approval from Engineer of Record.

G. Wood roof trusses shall be designed by others unless noted otherwise. Calculated live load deflection of trusses shall not exceed l/360 for floors and l/240 for roof of the overall span length. The truss supplier shall provide shop drawings and calculations prepared and stamped by a structural engineer registered in the state of Colorado for review by the Engineer of Record to verify they conform to requirements of the basic structure. These shop drawings shall show the locations of all trusses, connection plate sizes & capacity and the size & grade of lumber to be used. Truss fabrication shall not proceed until completion of shop drawing review by the Engineer of Record. Truss manufacturer or contractor shall provide blocking at bearing locations and bridging/lateral bracing as required for truss stability.

H. Site fabricated trusses are to be adequately shored and installed by qualified personnel. Appropriate bracing shall be in place at all times.

RMG Engineers Group is not responsible for the construction sequence of site built trusses.

I. The contractor shall not cut, notch or otherwise modify joists without the written consent of the Engineer of Record.

6. MASONRY:

A. Concrete block walls shall have a minimum ultimate compressive strength (f'm) of 1500 psi. Concrete Masonry Units (CMU) shall conform to ASTM C90 grade-N made with light weight aggregates. Mortar shall conform to ASTM C270 Type-S. Grout shall conform to ASTM C476 with a minimum compressive strength of 2,000 psi in 28 days.

B. Vertical reinforcement shall conform to ASTM A615 grade 60. Where splices are required, provide minimum (40) bar diameter lap. Horizontal joint reinforcing shall be standard weight 'Dur-O-Wall' or equivalent at 16" o.c maximum. Provide prefabricated corner and tee sections at wall corners and intersections.

C. Provide a minimum #5 vertical bar, or as noted on plan, full height at each door jamb, window jamb, mechanical opening, control joint, or other masonry discontinuity. Locate reinforcing so as to be continuous without interfering with lintel bearing.

D. Special inspection and testing shall be required in accordance with section 1704 of the 2003 International Building Code.

E. Provide cleanouts at the bottom of grouted cells and use high-lift grouting procedures where possible. Mechanical vibrators shall be used to consolidate grout and reconsolidate grout 15 minutes after the initial consolidation. Any masonry in contact with earth shall be grouted full and back parged as required.

7. SPREAD FOOTING FOUNDATIONS:

A. The foundation design has been completed in accordance with pertinent standards, recommended design soil parameters, accepted engineering design procedures, and is based on the best information available at the time of completion. The design is intended to minimize differential movement resulting from the heaving of expansive soil or settling of subsurface soils. It must be recognized that foundation components will undergo movement. It shall be the responsibility of the contractor and/or present owner to inform any subsequent owners of the soil condition and advised to maintain good practices in the future with regard to surface and subsurface drainage, framing of partitions above floor slabs, and finish work above the floor slabs, etc.

B. Foundation design is based on soil report No. **132282** prepared by **RMG Engineers Group** dated **10-19-12**. The Contractor shall thoroughly review and understand all pertinent construction aspects of this report before beginning any work.

C. Foundation Design parameters include an allowable bearing pressure of **2500** psf with no minimum dead load requirement and with soil preparation per soil report.

D. A representative of the Geotechnical engineer shall observe the open excavation to determine that the soil type and conditions are consistent with design criteria of the soil report. If the soil properties are found to be different from this criteria, the foundation engineer shall be promptly notified so that the foundation design may be reviewed.

E. The contractor shall be responsible to coordinate the location of mechanical openings, floor drains, inserts, depressions, buried cables and utilities, etc. with architectural, civil, mechanical and electrical drawings.

F. Mechanically compact all interior and exterior backfill per Geotechnical engineers recommendations. It will also be necessary to adjust and maintain the grade immediately against foundations periodically to avoid the creation of a water trap as the backfill settles over time.

G. Slope backfill away from the building a minimum of 10% for the first 10 feet (2% at paved areas) unless a more stringent requirement is specified by the Geotchnical engineer. Carry roof drains across the backfilled areas. Do not allow water to stand or pond near the building. Do not flood the backfill.

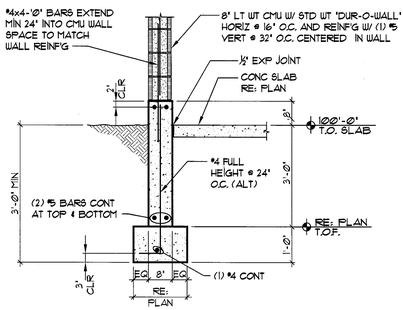
H. Contact Geotechnical engineer for proper preparation of subgrade for placement of floor slabs.

I. Floor slabs have a high probability of moving vertically. Floor slabs shall be separated from all structural portions of building with an expansion joint of minimum 1/2" thick Styrofoam or other approved joint material. A gap in non-bearing partitions, the non-rigid connections with the stairway construction and non-rigid construction of door jambs may be required by the Geotechnical engineer. If required, these items may also require reconstruction over the life of the structure to maintain the independent vertical movement of the floor slabs.

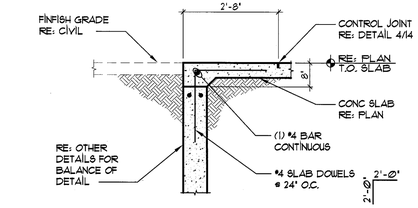
J. Unless a specific top of wall connection is shown, **foundation wall stability is not dependent on floor framing for lateral support.** A stud wall ('cripple wall') or maximum of (3) 2x4 or (4) 2x6 plates in addition to embedded nuts(U) are allowed along the top of the foundation wall (including garden level walls) unless noted otherwise. Walls having backfill on both the interior and exterior faces should have backfill on either side brought up approximately together. Otherwise, where possible, no exterior backfill should be placed until the floor slab is in place or the bottom of the foundation wall is otherwise properly braced. Top of wall must also be braced if backfill is placed within 14 days of concrete pour.

8. FIELD OBSERVATIONS:

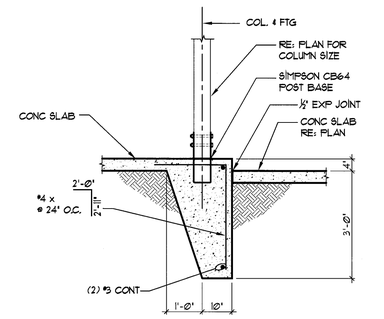
A. The Contractor shall inform the Engineer of Record at least 24 hours prior to casting any concrete so as to allow the Engineer of Record the opportunity to review the placement of reinforcing and/or embedded items. Contact **RMG Engineers Group:** (719) 548-0600.



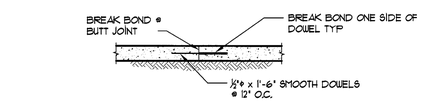
1/15 TYPICAL GRADE BEAM DETAIL
SCALE: 1/2" = 1'-0"



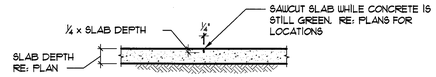
2/15 FOUNDATION DETAIL
SCALE: 1/2" = 1'-0"



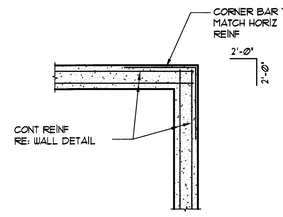
3/15 FOUNDATION DETAIL
SCALE: 1/2" = 1'-0"



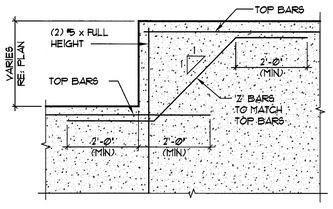
OPTIONAL SLAB CONSTRUCTION JOINT DETAIL



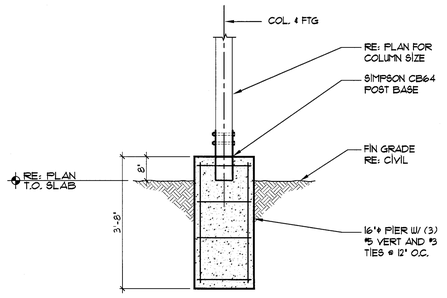
4/15 TYPICAL SLAB CONSTRUCTION JOINT DETAIL
SCALE: 1/2" = 1'-0"



5/15 TYPICAL CORNER WALL REINF'G DETAIL
SCALE: 1/2" = 1'-0"



6/15 TYPICAL TOP OF WALL STEP
SCALE: 1/2" = 1'-0"



7/15 COLUMN FOOTING DETAIL
SCALE: 1/2" = 1'-0"

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COLORADO LICENSED PROFESSIONAL ENGINEER M. WEIDMAN 31528 11-5-12

GOLD CAMP SHOOTING SPORTS CENTER
CR 81
TELLER COUNTY, COLORADO
TELLER COUNTY SHOOTING SOCIETY

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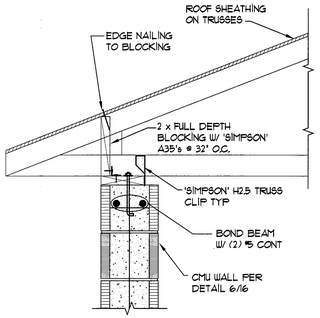
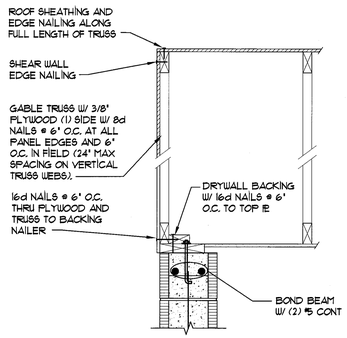
GENERAL NOTES AND DETAILS

SHEET No. 15 OF 16

JOB No. 131963



1/16 ROOF FRAMING DETAIL
SCALE: 1" = 1'-0"



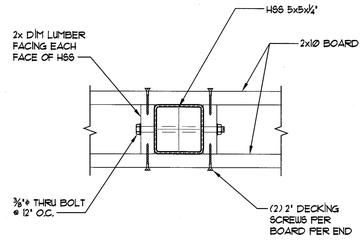
2/16 ROOF FRAMING DETAIL
SCALE: 1" = 1'-0"

LOOSE LINTEL SCHEDULE AT EXISTING BUILDING

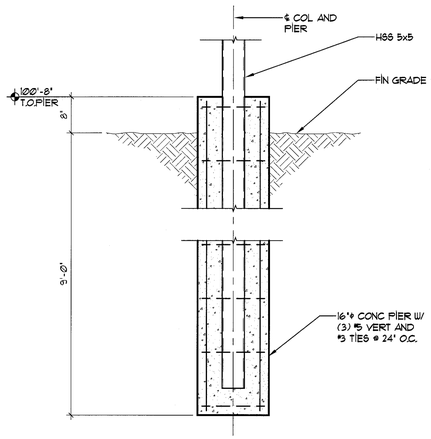
SPAN	LINTEL SIZE	BRG
0' to 1'-4"	¼" PLATE	4"
1'-4" to 3'-6"	L3½" x 3" x ¼" (L.L.V.)	4"
3'-6" to 4'-6"	L3½" x 3½" x ¼" (L.L.V.)	6"
4'-6" to 5'-6"	L4 x 3½" x ¼" (L.L.V.)	6"
5'-6" to 7'-0"	L5 x 3½" x 5/16" (L.L.V.)	6"
7'-0" to 8'-6"	L6 x 3½" x 5/16" (L.L.V.)	8"
8'-6" to 11'-0"	L7 x 4" x 3/8" (L.L.V.)	8"

NOTES:
1. (1) ANGLE FOR EACH 4" WYTHE OF MASONRY
2. REFER TO ARCHITECTURAL & MECHANICAL DRAWINGS FOR LOCATION & SIZE OF OPENINGS
3. BEARING DISTANCES SHOWN ABOVE ARE REQUIRED MINIMUMS AT EACH END OF LINTEL
4. USE ABOVE SCHEDULE UNLESS NOTED OTHERWISE ON PLANS
5. GENERAL CONTRACTOR TO COORDINATE HEAD HEIGHTS AND INSTALLATION OF LOOSE LINTELS WITH ARCHITECTURAL DEMO PLANS AND EXISTING CONDITIONS. STRUCTURAL FRAMING STRUCTURE ABOVE IS TO BEAR AT LEAST ½ LINTEL SPAN (OR MORE) ABOVE THE NEW LINTEL. IF FIELD VERIFIED TO BE LESS, OR IF MIN LINTEL BEARING CANNOT BE ACHIEVED, CONTACT RMG ENGINEERS GROUP TO DETERMINE IF ADDITIONAL STRUCTURAL SUPPORT IS REQUIRED

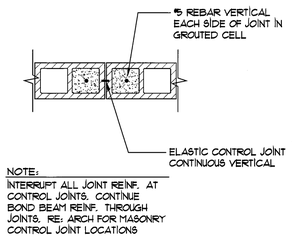
3/16 LOOSE LINTEL SCHEDULE
SCALE: 1" = 1'-0"



4/16 BAFFLE DETAIL
SCALE: 1 1/2" = 1'-0"

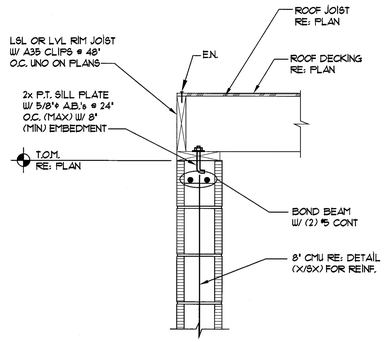


5/16 BAFFLE POLE FOUNDATION DETAIL
SCALE: 3/4" = 1'-0"

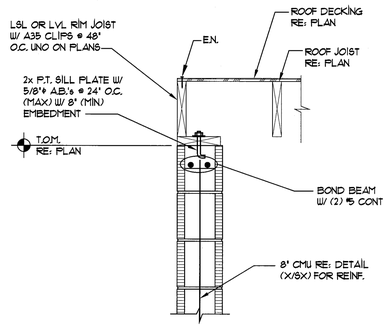


NOTE:
INTERRUPT ALL JOINT REINF. AT CONTROL JOINTS. CONTINUE BOND BEAM REINF. THROUGH JOINTS. RE: ARCH FOR MASONRY CONTROL JOINT LOCATIONS

6/16 TYP. MASONRY CONTROL JOINT
SCALE: 3/4" = 1'-0"



7/16 ROOF FRAMING DETAIL
SCALE: 1" = 1'-0"



8/16 ROOF FRAMING DETAIL
SCALE: 1" = 1'-0"

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COLORADO LICENSED MATTHEW WEIDHAAS 31528 PROFESSIONAL ENGINEER
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