

Troop Construction Program Overview (FY 13)



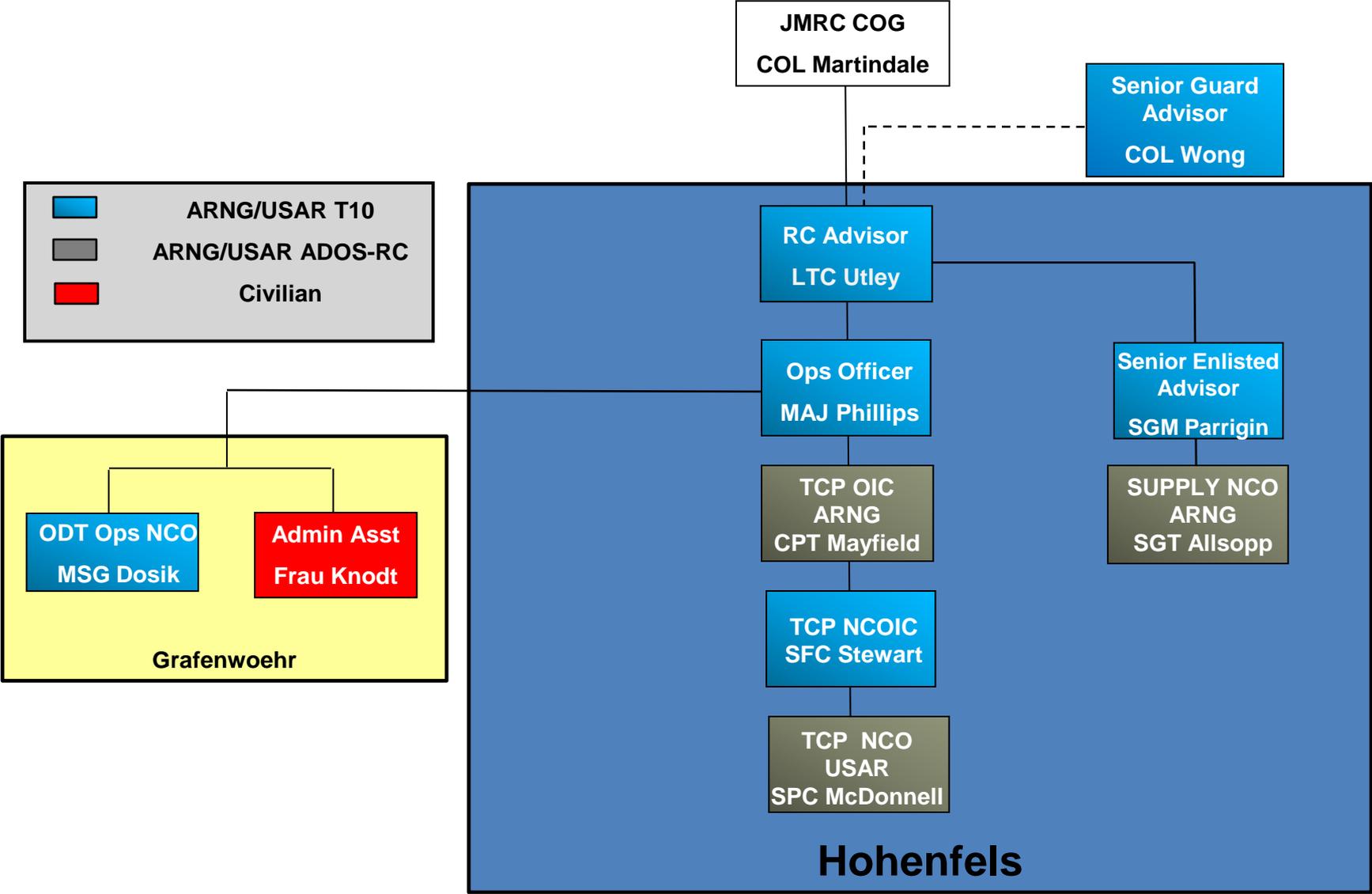
04 June 2012

Troop Construction Program



JMRC Troop Construction Program (TCP) conducts engineer operations during FY 2013 at designated locations within the Hohenfels training areas in order to improve and enhance the training environment at JMRC.

Organizational Chart



Relationships

COG
Master Planner

ENVIRONMENTAL

Plan

Support

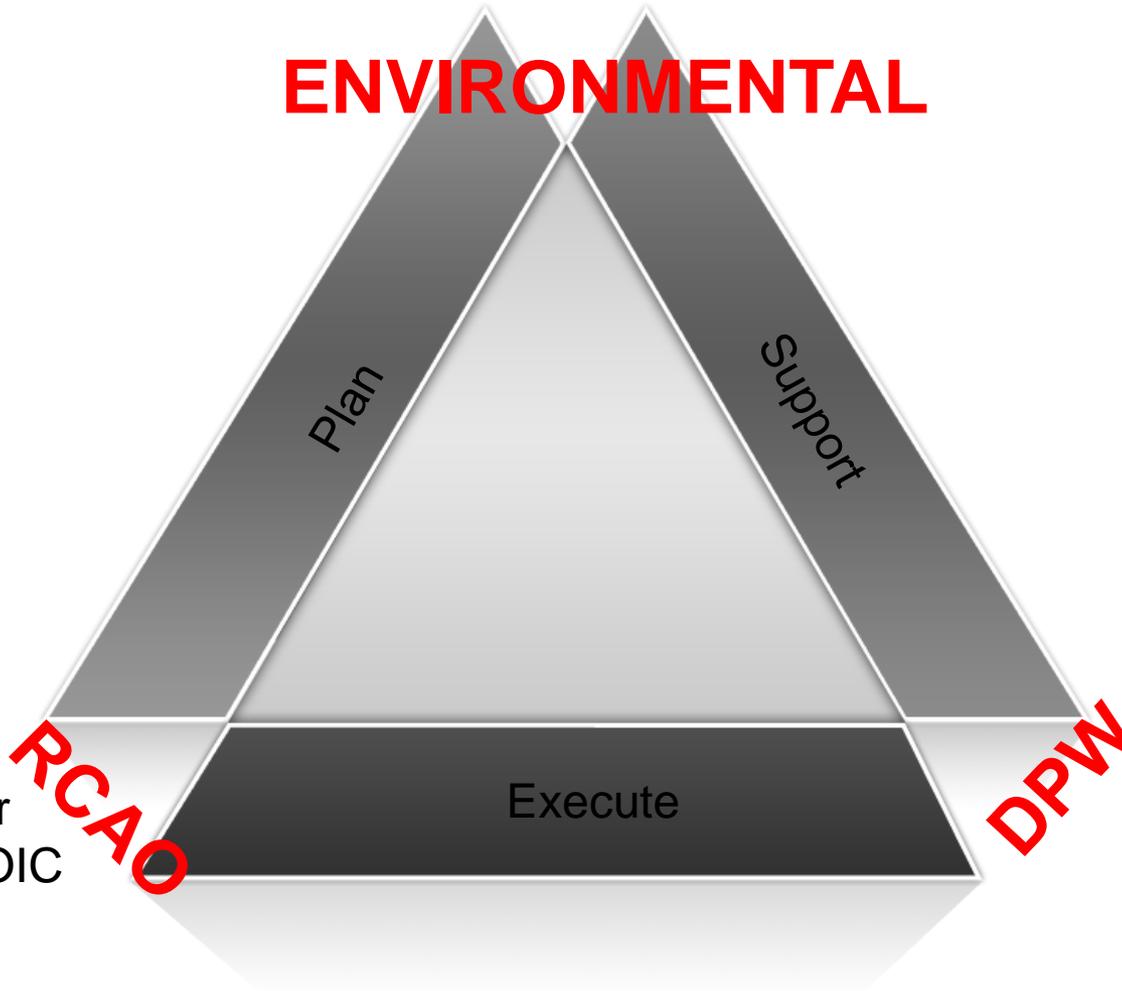
Execute

RCAO Advisor
TCP OIC/NCOIC

RCAO

DPW

DPW LNO
DPW Supply

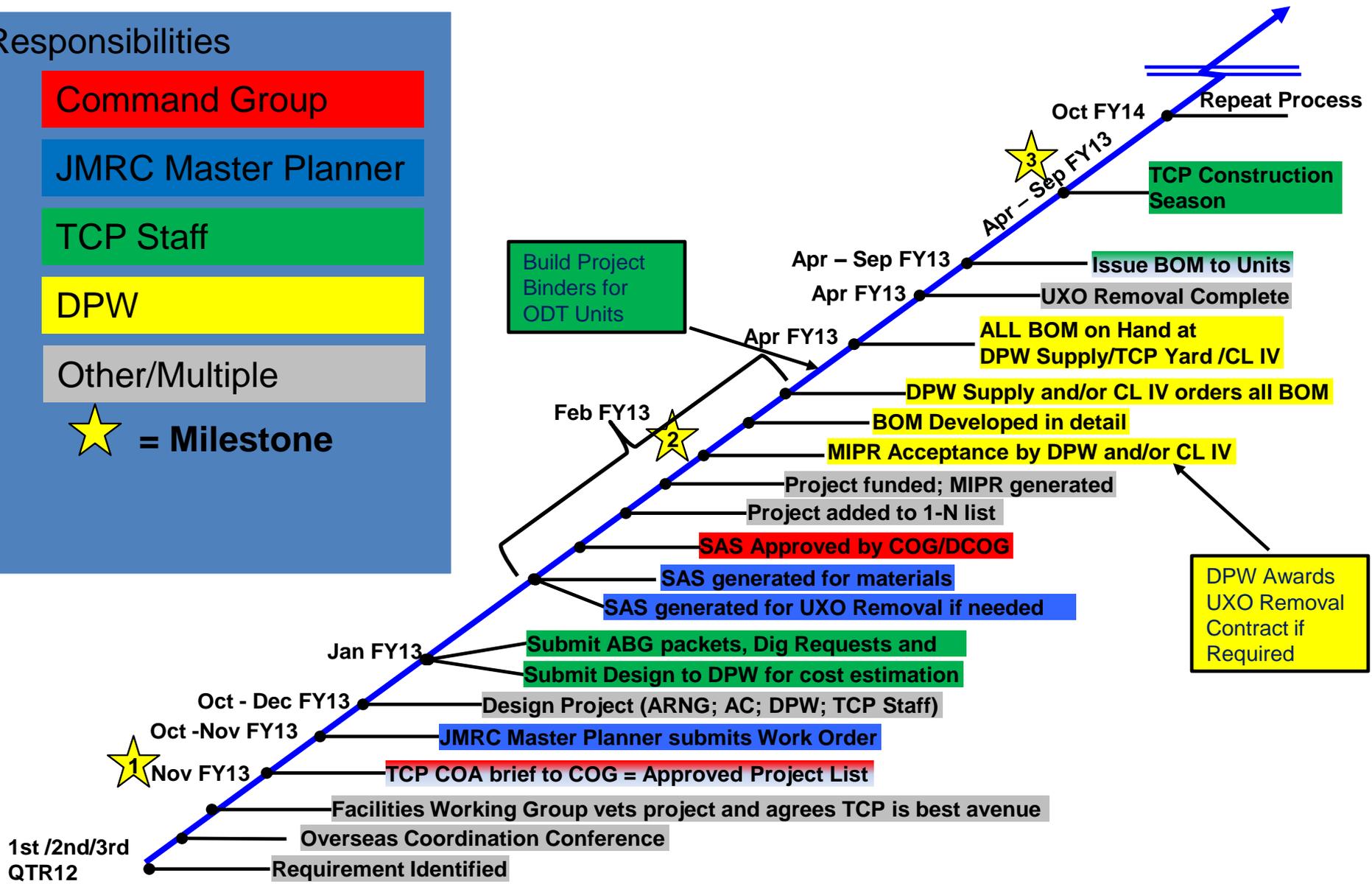


Project Road to War

Responsibilities

- Command Group
- JMRC Master Planner
- TCP Staff
- DPW
- Other/Multiple

★ = Milestone



FY13 ODT Synch Matrix

OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP			
13-01 2SCR		13-02	X-MAS 15 DEC - 02 JAN	13-03	13-04 2SCR	INT // SPRING BREAK	13-05A	13-05B	13-06	NSITION L	13-07	13-08		
10 OCT-03NOV (T) DATE		26NOV-12DEC OMLT 24		21 JAN-21FEB GEO 2X IN BN MRE	1-23 MAR MRE		22 APR-8 MAY (T) OMLT 25	29APR- 17MAY	10-26 JUN OMLT 26		28 JUL-28 AUG GEO 2X IN BN MRE	13-29 SEP OMLT 27		
70300AB 242 EN TM (10 PAX) CT ARNG 16 Oct-10 Nov												70310AB 242 EN TM (10 PAX) CT ARNG 9 Jul-3 Aug		
								70215A 417 EN CO (85PAX) USAR 2-27 Apr (H)	70225AB 868EN CO (85PAX) FLARNG 23 Apr-18 May (H)		70235AB 822nd EN (85PAX) TXARNG 21 May-15 June (H)	70245AB 816th EN (85PAX) NDARNG 11 Jun-6 Jul (H)	70265AB 342nd EN (85PAX) TXARNG 30 Jul-24 Aug (H)	70275AB 333 EN CO (85PAX) USAR 27 Aug-21 Sep (H)
								70210AB 336 EN CO (85PAX) USAR 2-27 Apr (V)	70220AB 648 MEB (85PAX) GA ARNG 23 Apr-18 May (V)		70230AB E412 EN CO (85PAX) USAR 21 May-15 June (V)	70240AB 272 EN (85PAX) TXARNG 11 Jun-6 Jul (V)	70260AB 623 EN CO (85PAX) NE ARNG 30 Jul-24 Aug (V)	70270AB 337 EN CO (85PAX) USAR 27 Aug-21 Sep (V)

Keys to Success

1. Licensing

- Start training equipment operators now
- Document training on DA 348 (see example on disk) and arrive with properly completed paperwork
- Have Soldiers licensed on M998/1008/1009/1025 truck utility do to the possibility of having no TMP's available
- Send at least two (2) licensed TMP drivers

2. Travel and Funding

- Begin researching travel options/flight arrangements for ADVON and Main Body
- Initiate contact with unit travel coordinator to begin formulating a plan of action for booking/blocking of flight arrangements
- Submit the ODT Travel Funds Request to the RC Affairs Office NLT 90 days in advance of the mission

3. Additional Support Required

- Survey Equipment
- Mechanics/Master Driver/Medics

4. Automation

- Have requirements complete and sent the RC Affairs office prior to arrival
- See next slide

Automation Requirements

Army Training & Certification Tracking System (ATCTS) Account must provide a screen print for verification

Complete the DOD Information Assurance Awareness Training Step 1 Training certificate is required and must be signed by user

Pass the DOD Information Assurance Awareness Exam Step 2 exam certificate, DA 87, is required

Thumb-Drive Awareness Certificate is required

USAREUR Acceptable Use Policy your local IMO does not sign this form only the user, I will sign as the RCAO IMO

System Authorization Access Request, DD 2875 PART III - Security Manager must validate background or clearance information

Rank: ____ Last Name: _____

AKO E-Mail Address: _____

EDI Number: _____

For Reserve Affairs Office Use Only

From: ____ To: _____

Ticket Number: _____

TCP Equipment Set

Model	Description	Quantity on Hand
M998/1008/1009/1025	Truck Utility	17
M925/923/923A2	5-Ton Cargo	6
M929/817	5-Ton Dump	15
M917/917A1	20-Ton Dump	7
M916A3/920	Lowboy Truck	11
M870/870A1	Lowboy Trailer	8
D7G/D7G w/Drops	Bulldozer	9
RTFL	Sky Trac	2
M149A1/A2	Water Trailer	2
ENG3/250CFM	Air Compressors	2
MEP002A/802A	3-30kw GEN	3
130G	Grader	7
MW24C	Loader	7
621B	Scraper	6
FLU419	SEE	4
CS563D	Roller	4
M984A1/M936A1	Wreckers	1
VR11C	Hand Held Compactor	3
S185	SkidSteer	2
E32	Excavator	2
Kipper Tool PLT	Tool Outfit Pioneer	5
Kipper Tool PLT	Carpenter Boxes	3
W44923	Masonry Boxes	12
Various	Concret Mixers	15
Dewalt	Survey Equipment	3
Various	Concrete Finishing Equip	8

TCP Warehouse/Yard



Facilities

- 1 warehouse
- 4 storage CONEXs
- 2 storage garages
- BOM yard
- Pole barn

Bill of Materials (BOM) on hand or inbound

- 1 B-huts
- 1838 concrete block
- FOB East TOC Building trusses and roofing *

Timeline

ODT TRAINING CALENDAR

For use of this form, see AR 350-9; the proponent agency is DCS, G-3.

**REQUIREMENT CONTROL
SYMBOL CSGPO-438**

Attach to Overseas Deployment Training Coordination Sheet (DA Form 7534).
Data must match Overseas Deployment Training Coordination Sheet (DA Form 7534).

FY: 2013 First Half Second Half ODT Line Number: 70300AB - 0242 EN TM CONST MGMT (Design Team)

Training Calendar Month: October/November 2012

			16		17		18		19		20
			- ADVON Departs HS		- ADVON Arrives JMRC; - In-Brief - Draw Billets		- Project Overview - Post/Box Tour - Drivers Licensing - Network Accounts		- Prep for MB - Mission Planning - Prep for Survey missions		- Prep for MB - MB departs HS
21	22	23	24	25	26	27					
- ADVON receives MB - MB arrives @ JMRC	- Unit In-Brief - Leaders Recon - Occupy Bldg 354	- Mission Planning - Execute Design Projects	- Mission Planning - Execute Design Projects - Opportunity Trg	- Mission Planning - Execute Design Projects - Opportunity Trg	- Mission Planning - Execute Design Projects - Opportunity Trg	- Mission Planning - Execute Design Projects - Opportunity Trg					- MWR Day
28	29	30	31	1	2	3					
- Mission Planning - Execute Design Projects - Opportunity Trg	- Mission Planning - Execute Design Projects - Opportunity Trg	- Mission Planning - Execute Design Projects - Opportunity Trg	- Mission Planning - Execute Design Projects - Opportunity Trg	- Mission Planning - Execute Design Projects - Opportunity Trg	- Mission Planning - Execute Design Projects - Opportunity Trg	- Mission Planning - Execute Design Projects - Opportunity Trg					- MWR Day
4	5	6	7	8	9	10					
- Mission Planning - Execute Design Projects - Opportunity Trg	- Mission Planning - Execute Design Projects - Opportunity Trg	- Mission Planning - Execute Design Projects - Opportunity Trg	- Mission Planning - Execute Design Projects - Opportunity Trg	- Mission Planning - Execute Design Projects - Opportunity Trg	- Mission Planning - Execute Design Projects - Opportunity Trg	- Ceremony (0900) - AAR - Clean Barracks - Clean Bldg 354					- Depart JMRC; - Arrive HS

Training Calendar Month: October/November 2012

FY12 Projects

Horizontal		Vertical	
1	CH 47 LZ & Pads - Gravel (Funded)	1	Finish Warehouse at STOL Log Facility (Funded)
2	COP Schwend - OC Parking (Funded)	2	Construct 2x B-Huts @ Enslwang (Funded)
3	Additional Heli Pads @ 40S (Funded)	3	Install Observation Towers @ TBD (Funded)
4	CH47 Concrete LZ & Pads (Funded)	4	20x Tent Pads @ Raversdorf (Funded)
5	COP Raversdorf (Funded)	5	Stucco/Paint Bldgs @ FOB West (Funded)
6	COP Enslwang (Funded)	6	Stucco/Paint Bldg @ FOB East (Funded)
7	Shadow Strip expansion (Not Funded)	7	Stucco/Paint Bldg @ STOL (Funded)
8		8	Pole Barn @ STOL Log Facility (Funded)
9		9	Fighting positions overhead cover (Need Funding)
10		10	Stain B-Huts (Funded)
11		11	STOL Hangar (If Funded)
12		12	Winterization of two MOUT Site (Funded)
13		13	Build one CMU style building at FOB East

FY12 Design Projects

Horizontal		Vertical	
1	40S complex design uploaded into AUTOCAD	1	Re-design B-Hut stairs with two handrails
2	COP Schwend draining design	2	Develop new CMU building blueprints
3	Survey CH-47 helipad	3	Produce new blueprint design for B-huts
4	Re-survey COP Raversdorf	4	
5	Re-survey COP Enslwang	5	
6		6	
7		7	
8		8	
9		9	
10		10	
11		11	
12		12	
13		13	

TCP Cost Savings

Magnitude:

18 EN COs @ 85 PAX ea
2 Design Teams @ 30 PAX
TOTAL PAX = 1560

1560 pax X work days (17) x 8 hour days = 212,160 man hours
212,160 x 42 (Contractor Standard Rate in Euro) = 8,910,720
8,910,720 Euro X 1.3 (Exchange Rate) = \$11.6 million

Travel Funding Cost:
1,560 X \$1,500 = \$2,500,000

Civilian Maintenance Contract: \$1,500,000

Class I Cost: \$700,000

Class III Cost: \$1,000,000

Class IX Cost: \$300,000

Total FY11 Cost Savings to JMRC: \$5.6M

CH47 Pad @ 40S – Phase I

Project #: VW 06621-0

Task: Construct Landing Pad and parking area for 4x CH47

Purpose: Increase aviation capabilities at HTA

End state: Cut and fill complete with compacted gravel surface

Notes: 95% complete on fill mission. Gravel on site for next phase of construction. Working closely with Team Falcon and engineer design team on landing and parking pad requirements.

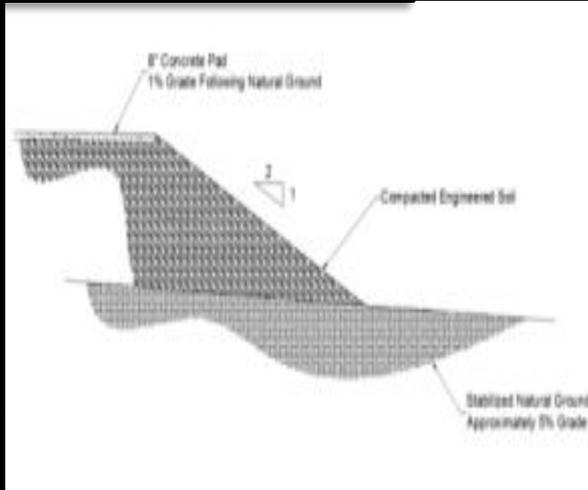
Current



Future



Initial Work



COP Schwend

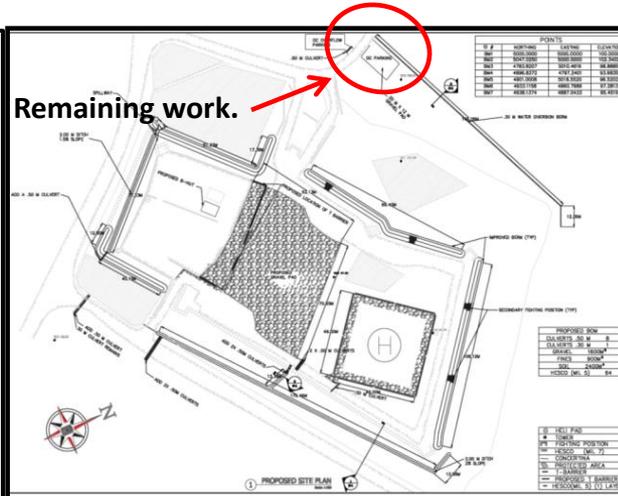
Project #: VW 06149-1P

Task: Complete OC Parking on Northwest side of COP, 3inch + gravel on site.

Purpose: Improve parking area to keep military vehicles from parking on the grass.

End state: Base course gravel will spread and will be compacted. Finish grade will be hauled in from the HTA quarry and BFR's will be placed around the outer edge of the parking area.

Notes: This project was completed in April of 2012.



Helicopter Pads @ 40S

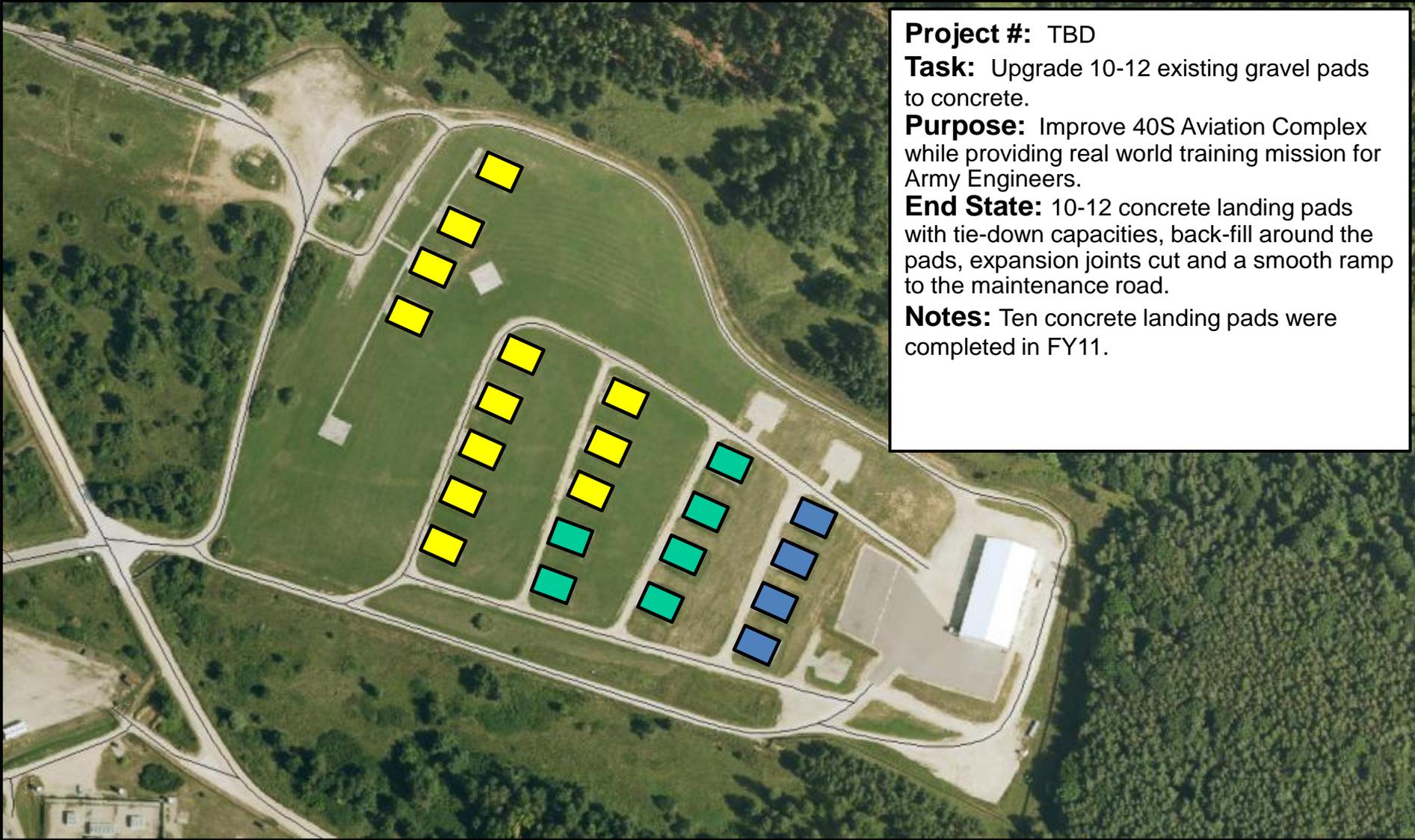
Project #: TBD

Task: Upgrade 10-12 existing gravel pads to concrete.

Purpose: Improve 40S Aviation Complex while providing real world training mission for Army Engineers.

End State: 10-12 concrete landing pads with tie-down capacities, back-fill around the pads, expansion joints cut and a smooth ramp to the maintenance road.

Notes: Ten concrete landing pads were completed in FY11.



COP Raversdorf

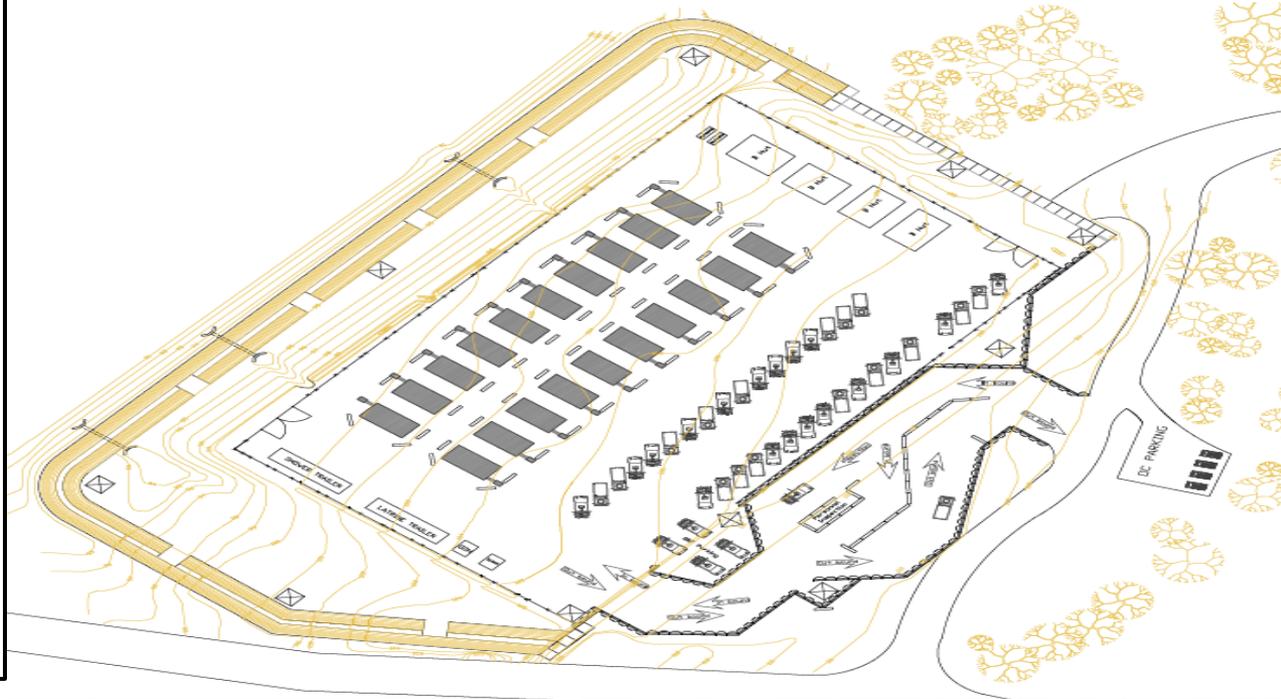
Project #: TBD

Task: Major retrofit / upgrade of COP Raversdorf.

Purpose: Improve the current COP IOT provide a more realistic training environment, improve conditions for training units and facilitate improved functionality.

End state: Berms and HESCO wall emplaced, culverts installed for drainage, ECP constructed, observation towers emplaced, tent pads poured, and secondary fighting positions constructed.

Notes: Berms will be constructed from fill hauled in from the borrow pit. ECP constructed from barriers located at HS98.



Initial



Current

COP Enslwang

Project #: TBD

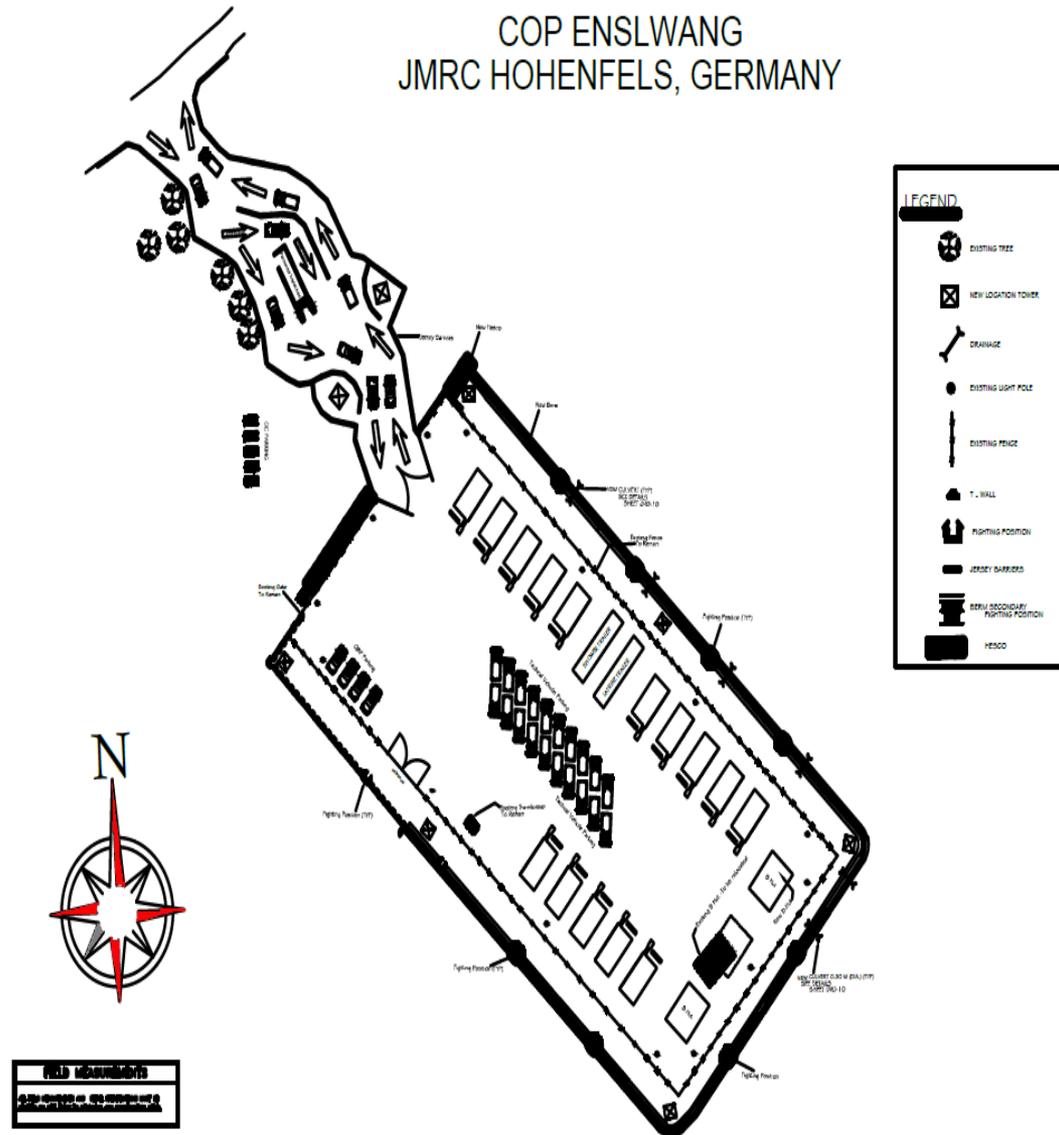
Task: Construct a new COP in the vicinity of Enslwang village with design similar to COP Haasla.

Purpose: Construct a new COP IOT provide a more realistic training environment, improve conditions for training units and facilitate improved functionality of HTA.

End state: Berms and/or HESCO wall emplaced, culverts installed for drainage, ECP constructed, observation towers emplaced, helipad emplaced, and secondary fighting positions constructed.

Notes: Berms will be constructed from fill hauled in from the borrow pit. ECP constructed from barriers located at HS98.

COP ENSLWANG
JMRC HOHENFELS, GERMANY



Construct B-Huts

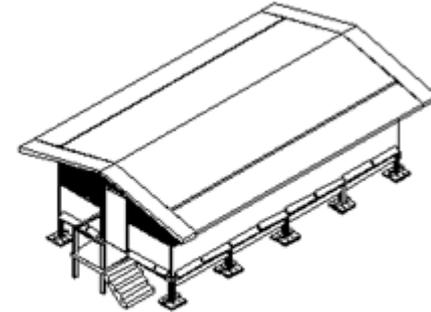
Project #: TBD

Task: Construct one (1) B-Huts @ COP Enslwang.

Purpose: Buildings serve as admin/TOC for rotational units

End state: B-Huts constructed and ready for occupancy

Notes: BOM currently on hand at the TCP yard for one B-hut. 409th EN (V) built one B-Hut in April 2012



FINAL ASSEMBLY
ISOMETRIC VIEW



FINAL ASSEMBLY
FRONT VIEW



Future

FOB East TOC Bldg

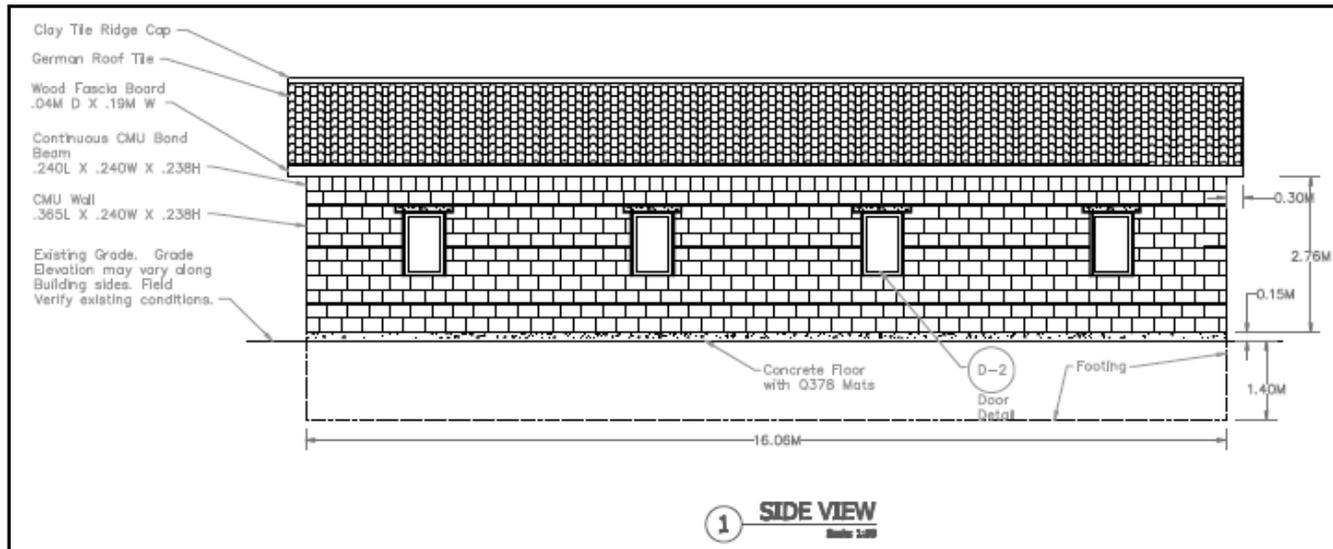
Project #: 06148-1P

Task: Construct TOC Building at FOB East

Purpose: Building will serve as TOC for rotational units

End state: Building constructed and ready for occupancy

Notes: Phase 1 is complete. Block and roofing materials are on hand at the TCP yard.



STOL Strip Facilities

Project #: VW 061481P

Task: Construct shipping and receiving yard vic STOL strip; construction to be executed in three phases:

PHASE I: Complete

PHASE II: Vertical Construction

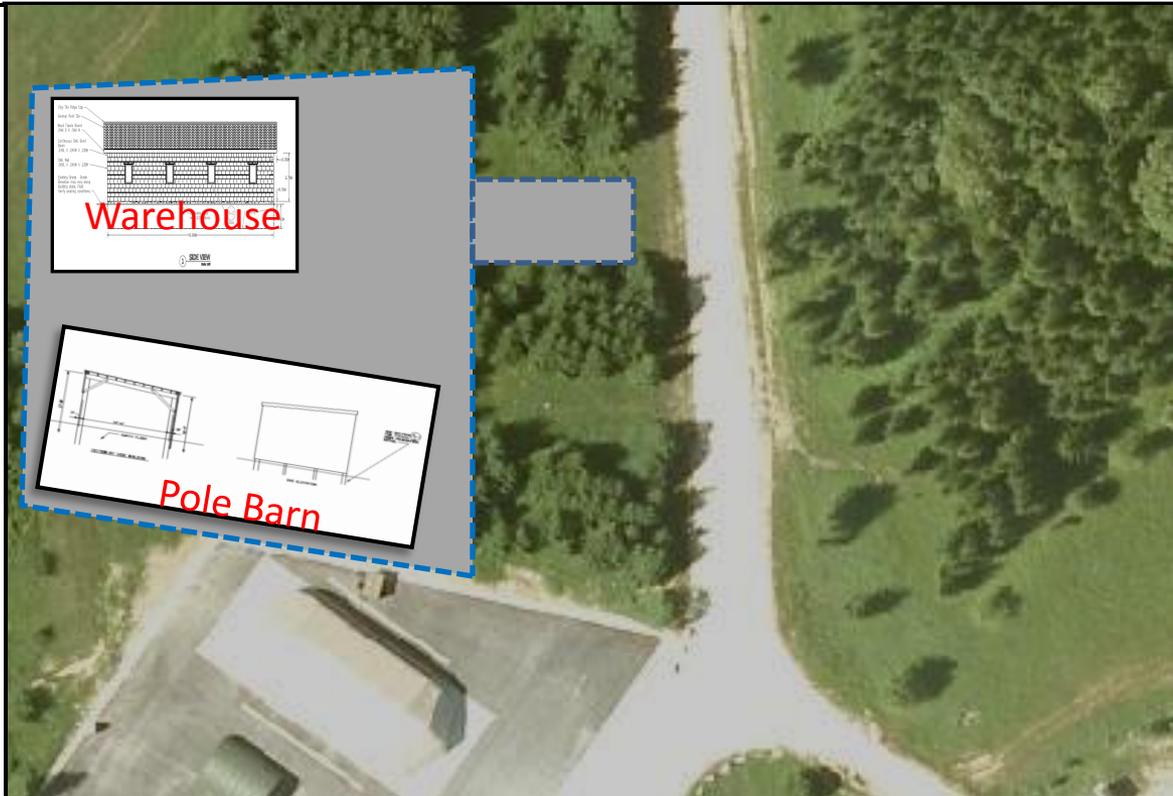
- Construct CMU building; 40x60x20
- Construct CMU perimeter wall

PHASE III: Vertical Construction continued

- Construct pole barn; wood frame w/corrugated metal; 20'x58'

Purpose: Creates material handling facility for aviation ops at the STOL strip

Notes: Area has been cleared and grubbed, base course of gravel laid on entry and parking area. Perimeter wall is 55% complete and block walls for the CMU building are in place.



MOUT Site Winterization

Project #: 066250P

Task: Construct various improvements to multiple MOUT site buildings in the HTA

Purpose: Existing buildings have open ceilings preventing the ability to adequately warm them in the winter months. The construction of drop ceilings will dramatically improve the ability to heat the buildings and creates attic spaces that will be available for improved training scenario development

End state: Twelve buildings located in various MOUT sites will be upgraded with drop ceilings and/or other improvements to include Fascia with cut in vents to improve air flow in the attic space.

Notes: Fire retardant sheet rock will be used IOT meet fire codes. Construction at COP Enslwang, Raversdorf, and Schwend is complete.



Packing List / Specialty Equipment

Bring:

1 ea	Sleeping pad
1 ea	Sleeping bag
1 ea	LBV/IBA w/belt, vest, 2 ammo pouches, 2 canteens, field dressing
1 ea	Kevlar/ACH helmet w/chinstrap and camouflage cover
1 ea	Rucksack/MOLLE, large with frame and kidney pad
1 ea	Poncho
1 ea	Poncho liner (preferred) or wool blanket
1 pr	Black leather gloves w/ inserts
2 ea	Wet weather bag
3 sets	ACUs
7 pr	Wool socks
7 pr	Underwear
7 ea	T-shirt
2 pr	Combat boots
1 pr	Overshoes (black or green)
1 set	APFU w/jacket, pants and reflective belt
1 pr	Running shoes
7 pr	white socks
1 ea	Pillow
1 ea	Shaving kit
2 ea	Towel
1 pr	Shower shoes
1 ea	Laundry bag
1 ea	Wet weather parka and trousers
1 ea	Flashlight
1 ea	Field jacket/Fleece and/or Gore-Tex top and bottom (<u>required</u> Sep-May)
1 ea	Polypro top and bottom (<u>required</u> Sep-May)
1 ea	Eye Protection (goggles/glasses)
1 set	Hearing protection

DO NOT Bring:

- Weapons
- CBRN Mask
- Tools & Kits (unless unique to your unit and preapproved by JMRC)

What's Next

Event	Facilitator
Lunch	
Site Visits - Depart from Bld 343	CPT Mayfield
Contract Review - BLD 343	CPT Mayfield
Contract Signing - BLD 354	CPT Mayfield

QUESTIONS?