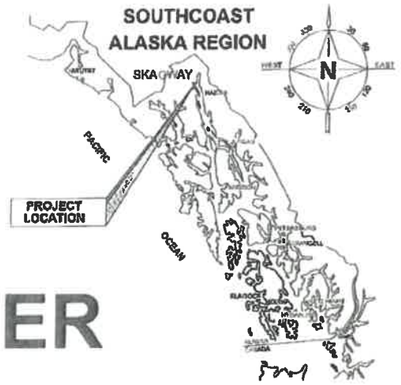
State of Alaska

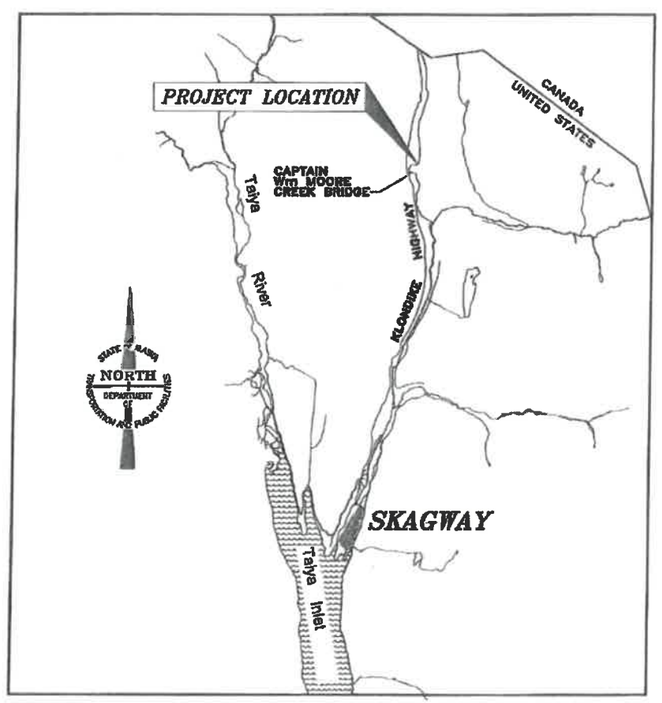
Department of Transportation and Public Facilities
Southcoast Region

SGY: MINE MOUNTAIN REPEATER POWER SYSTEM UPGRADE

PROJECT No. 0106(036) ~ 80665



SOUTHCOAST
ALASKA REGION



VICINITY MAP

As Built
Josh Anderson
7-12-17

NOTES:

Travel between Skagway and Mine Mountain job-site will require U. S. Border clearance.

Use these plans in conjunction with the State of Alaska Standard Specifications for Highway Construction, 2015 edition and the project special provisions.

INDEX

CDS ROUTE NUMBER: 299500 CDS MILE POINT: 9

PATH: F:\PROJECTS\1134 STATE OF ALASKA DOTPF\125A MINE MOUNTAIN REPEATER MODIFIED DESIGN\DRAWINGS\WORKING\A1_OF11.DWG TAB:LAYOUT
Monday, June 05, 2018 1:21:15 PM
PLOT: PSPACE OR MSPACE: 1=1(F)

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
SOUTHCOAST REGION

APPROVED:

REGIONAL PRE-CONSTRUCTION ENGINEER DATE
L. PAT CARROLL, P.E.

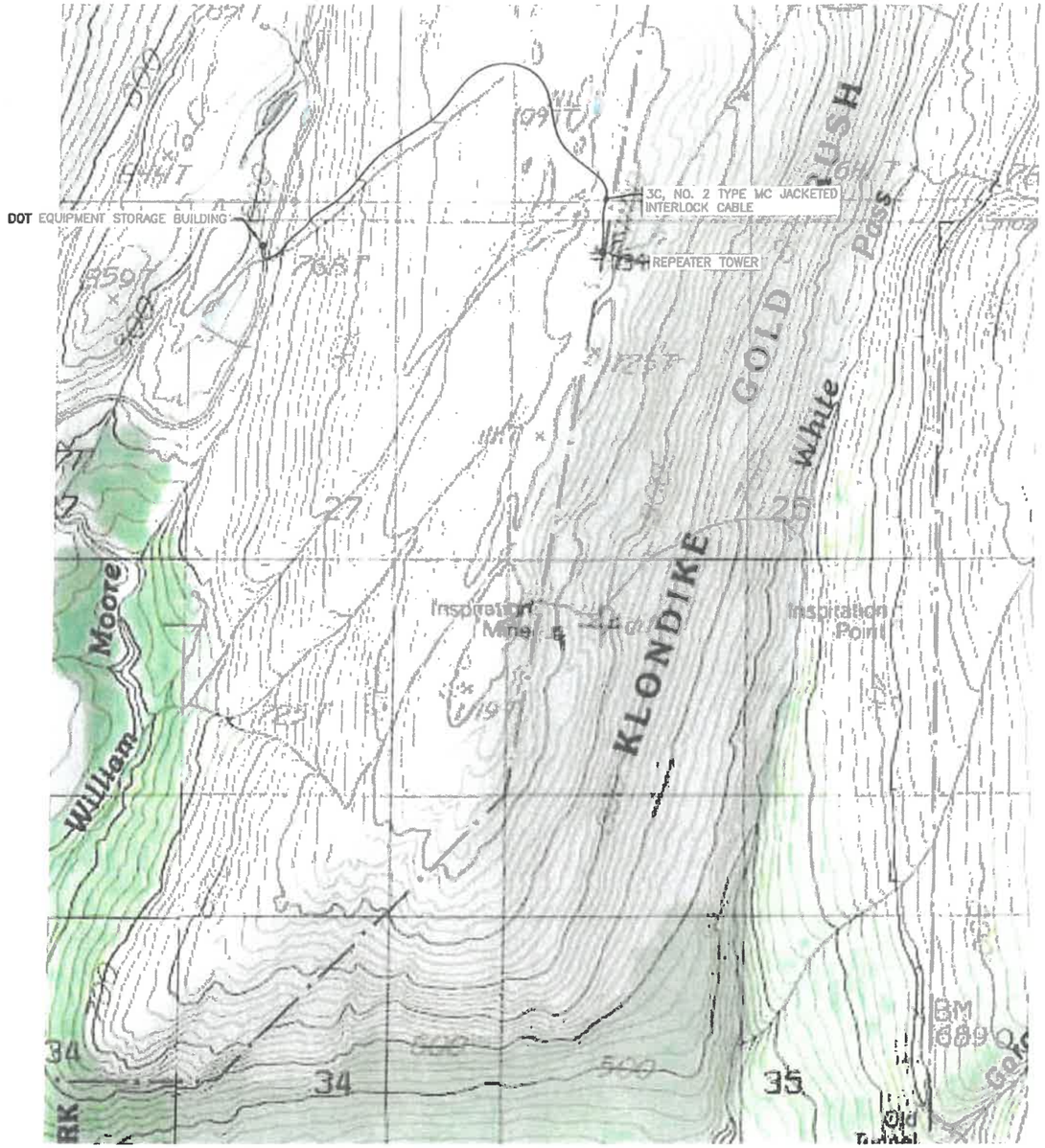
APPROVED:

REGIONAL DIRECTOR OF DESIGN & CONSTRUCTION DATE
CHUCK CORREA, P.E.

CERTIFIED TRUE & CORRECT AS-BUILT OF ACTUAL FIELD CONDITION:

CONSTRUCTION PROJECT MANAGER DATE

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	0106(036)/80665	2015	A1	12



1 SITE PLAN

NO SCALE

LEGEND

	ABBREVIATIONS:
UGE	UNDERGROUND ELECTRIC
HDG	HOT DIPPED GALVANIZED
PVC	POLYVINYL CHLORIDE CONDUIT, SHED. 80
RSC	RIGID STEEL CONDUIT
XFMR	TRANSFORMER
(E)	EXISTING
(N)	NEW
	LIGHTING:
	EXTERIOR SOFFIT MOUNTED LUMINAIRE
	POWER:
	DUPLEX RECEPTACLE, 18" AFF UON.
J	JUNCTION BOX
C	CONDULET
T	TRANSFORMER
	PANELBOARD
	GROUND ROD
	CIRCUIT BREAKER
	SWITCH OR DISCONNECT
	FUSE

PROJECT NOTES

- THE CABLE ROUTE ILLUSTRATED IS APPROXIMATE. SELECT THE FINAL ROUTE TO PROVIDE THE BEST PROTECTION FOR THE CABLE.
- AVOID CROSSING ROCK BLUFFS, STEP GULLY, AND STREAMS.
- STAKE ROUTE, SPLICE LOCATIONS, AND ANCHOR LOCATIONS BEFORE PROCEEDING WITH CABLE INSTALLATION.
- CABLE ROUTE, SPLICE LOCATIONS, AND ANCHOR LOCATIONS SHALL BE APPROVED BY THE PROJECT ENGINEER.
- PULLOUT AT 12 MILE STATION MAY BE USED FOR STAGING. COORDINATE WITH MAINTENANCE MANAGER.
- PROJECT WORK SHALL NOT OCCUR IN THE KLONDIKE GOLD RUSH HISTORIC AREA.

STATE OF ALASKA
DEPTARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

MINE MOUNTAIN REPEATER

SITE PLAN & LEGEND

CHECKED BY: BCH			
DESIGNED BY: BCH/KHD			
DRAWN BY: KHD			
PROJECT DESIGNATION			
0106(038)/80665			
STATE	YEAR	SHEET	
ALASKA	2015	B1	12

BASIS OF ESTIMATE

662(1) ELECTRICAL POWER AND PHOTOVOLTAIC SYSTEM

POWER DISTRIBUTION DEVICES

DESCRIPTION	QUANTITY	PAY UNIT
INVERTER/CHARGER CHASIS	1	EA
CHARGE CONTROLLER	1	EA
BATTERIES (12V, 200AH)	4	EA
BATTERY ENCLOSURE	1	EA
~~SOLAR PANELS (22.1V, 140W)~~	~~3~~	~~EA~~
REPAIR & REORIENTATION OF EXISTING SOLAR PANEL STRUCTURE	1	LS
WORK LIGHT	1	EA
~~TOWER SUPPORT STRUCTURES~~	~~1~~	~~LS~~
POWER SHELTER SUPPORT STRUCTURES	1	LS
4-IN RIGID STEEL CONDUIT (SPLICE STRUCTURES)	5	EA
ROCK ANCHOR	~~10~~ 12	EA
~~UTILITY POLE~~	~~1~~	EA
MISC ITEMS	1	LS

RACEWAYS, CONDUCTORS AND CABLES

3/4-IN GALV RIGID STEEL CONDUIT	10	LF
2-IN GALV RIGID STEEL CONDUIT	30	LF
1-1/4-IN EMT CONDUIT	30	CLF
2-IN PVC CONDUIT	~~300~~ 350	LF
TRENCHING AND BACKFILL	300	LF
2-IN CONDUIT SUPPORTS	~~9~~ 13	EA
JUNCTION BOXES	~~2~~ 1	EA
NO. 12 XHHW	3	CLF
NO. 10 XHHW	0.2	CLF
NO. 8 XHHW	0.5	CLF
NO. 6 XHHW	~~0.4~~ 0.7	CLF
NO. 4 XHHW	0.4	CLF
NO. 2 XHHW	~~0.05~~ 0.1	CLF
~~1C, NO. 6 TYPE SOOW CABLE~~	~~0.03~~	~~MLF~~
1C, NO. 2 TYPE W CABLE	0.01	MLF
~~1C, NO. 2/0 TYPE W CABLE~~	~~0.02~~	~~MLF~~
3C, NO. 4 TYPE W CABLE	0.075	MLF
3C, NO. 10 TYPE SOOW CABLE	0.04	MLF
~~3C, NO. 6 TYPE SOOW CABLE~~	~~0.035~~	~~MLF~~
3C, NO. 6 TYPE MC JACKETED	0.1	MLF
3C, NO. 2 TYPE MC JACKETED	7	MLF

ESTIMATE OF QUANTITIES

ITEM	DESCRIPTION	QUANTITY	PAY UNIT
640(1)	MOBILIZATION AND DEMOBILIZATION	1	LS
640(4)	WORKER MEALS AND LODGING, OR PER DIEM	1	LS
641(1)	EROSION, SEDIMENT, AND POLLUTION CONTROL, ADMINISTRATION	1	LS
641(3)	TEMPORARY EROSION, SEDIMENT AND POLLUTION CONTROL	1	LS
641(5)	TEMPORARY EROSION, SEDIMENT AND POLLUTION CONTROL BY DIRECTIVE	1	CS
641(6)	WITHHOLDING	1	CS
643(2)	TRAFFIC MAINTENANCE	1	LS
643(15)	FLAGGING	1	CS
643(25)	TRAFFIC CONTROL	1	CS
662(1)	ELECTRICAL POWER AND PHOTOVOLTAIC SYSTEM	1	LS

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

07/15	UPDATE BASIS OF ESTIMATE

CHECKED BY: BCH
DESIGNED BY: KHD
DRAWN BY: REJ

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

SGY: MINE MOUNTAIN
REPEATER POWER
SYSTEM UPGRADE

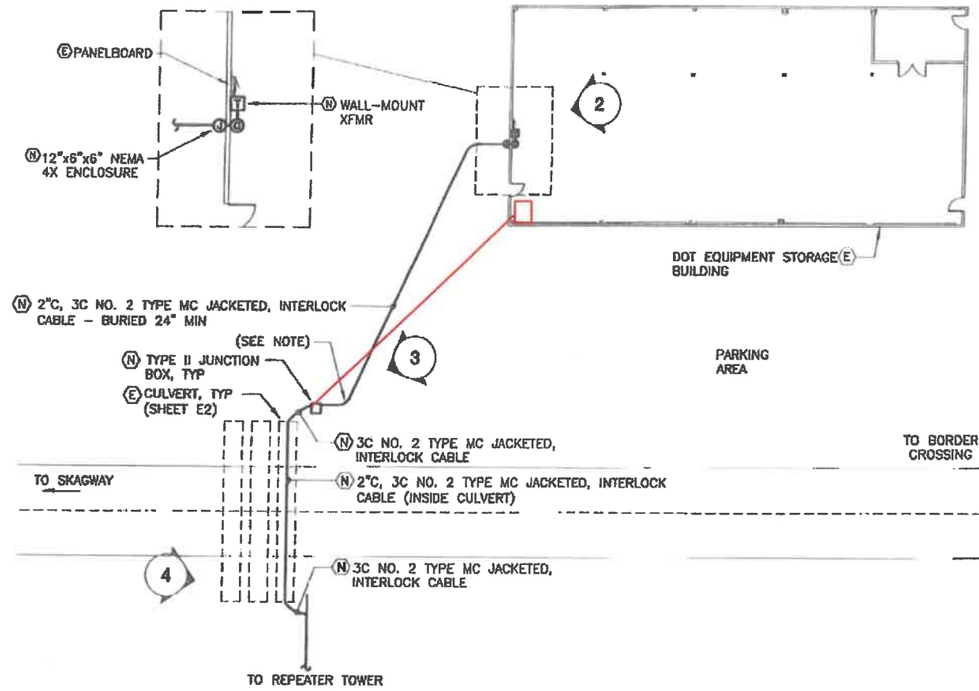
ESTIMATE OF QUANTITIES & BASIS OF ESTIMATE

PATH: F:\PROJECTS\134 STATE OF ALASKA DOTPF\125A MINE MOUNTAIN REPEATER MODIFIED DESIGN\DRAWINGS\WORKING
TAB: C1 Monday, July 25, 2016 12:33:13 PM ROBBIE JENSEN

REVISIONS NO.	DATE	DESCRIPTION

PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
0106(036)/80665	2015	C1	12

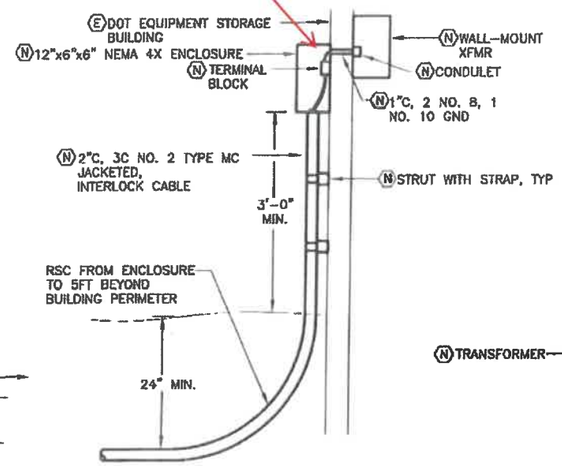
RELOCATED INSIDE BUILDING



NOTE: 36" MINIMUM HORIZONTAL CONDUIT BEND RADIUS. 24" MINIMUM VERTICAL CONDUIT BEND RADIUS, TYP.

1 SITE PLAN – DOT EQUIPMENT STORAGE BUILDING

SCALE IN FEET
0 15 30 FT.

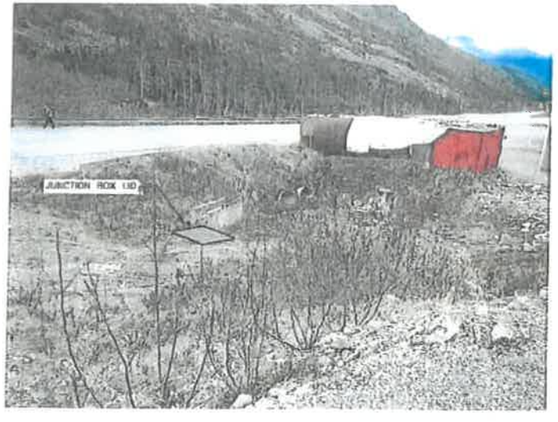


5 DETAIL – EXTERIOR ENCLOSURE

NO SCALE

2 PHOTO – EXISTING PANELBOARD

NO SCALE



3 PHOTO – EXISTING CULVERTS – WEST END

NO SCALE

4 PHOTO – EXISTING CULVERTS – EAST END

NO SCALE

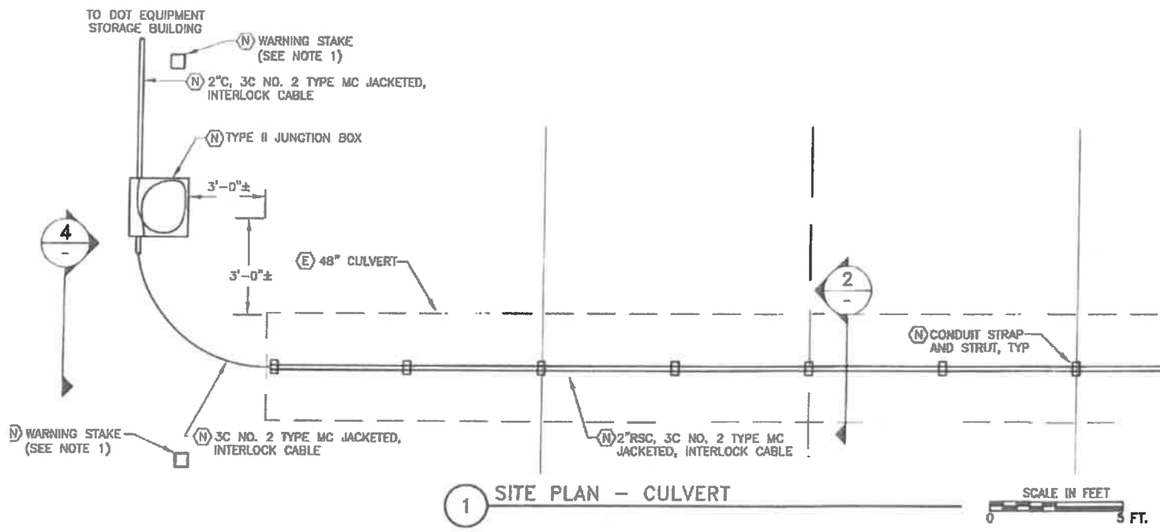
06/16	ELIMINATE HANDHOLE

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

SGY: MINE MOUNTAIN REPEATER POWER SYSTEM UPGRADE

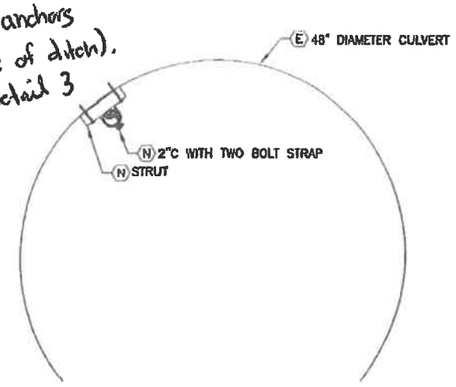
SITE PLAN & DETAILS

CHECKED BY: BCH			
DESIGNED BY: BCH/KHD			
DRAWN BY: KHD			
PROJECT DESIGNATION			
0106(036)/80865			
STATE	YEAR	SHEET	
ALASKA	2015	E1	12

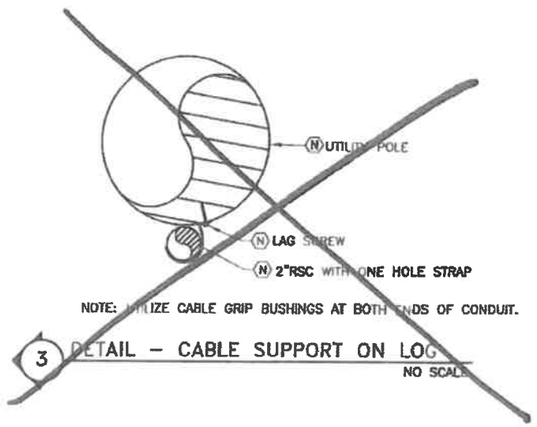


1 SITE PLAN – CULVERT

Install 2 cable anchors (1 on either side of ditch). See Sht E3, detail 3

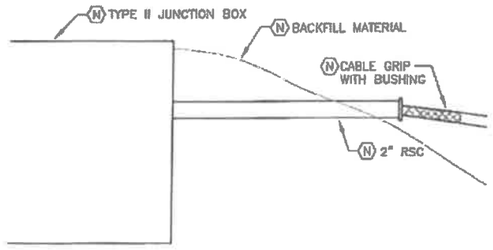


2 DETAIL – CONDUIT SUPPORT IN CULVERT
NO SCALE



NOTE: UTILIZE CABLE GRIP BUSHINGS AT BOTH ENDS OF CONDUIT.

3 DETAIL – CABLE SUPPORT ON LOG
NO SCALE



4 DETAIL – TYPICAL JUNCTION BOX CABLE SUPPORT
NO SCALE

NOTES

1. CABLE GRIPS TO BE STAINLESS STEEL LACE-ON TYPE.
2. 5/8" EYE BOLT BOLTED TO CULVERT WITH CABLE GRIP ATTACHED TO CABLE SHALL BE USED ON BOTH SIDES OF EXISTING CULVERT.
3. TOP OF UNDERGROUND CONDUIT SHALL BE SEALED WATERTIGHT.
4. BUSHINGS TO BE ATTACHED TO EACH END OF CONDUIT INSIDE CULVERT. ALLOW FOR DRAINAGE OF WATER FROM SAID CONDUIT.
5. WRAP ANTI-CHAFFING SLEEVES AROUND ELECTRICAL CABLE AT CHAFFING PRONE AREAS.
6. REDIRECT FLOW OF WATER AS NEEDED DURING CONSTRUCTION.
7. WARNING STAKES SHALL BE REFLECTIVE TYPE, AND LABELED "CAUTION – BURIED ELEC LINE."

[redacted]

07/16	ELIMINATE HANDHOLE

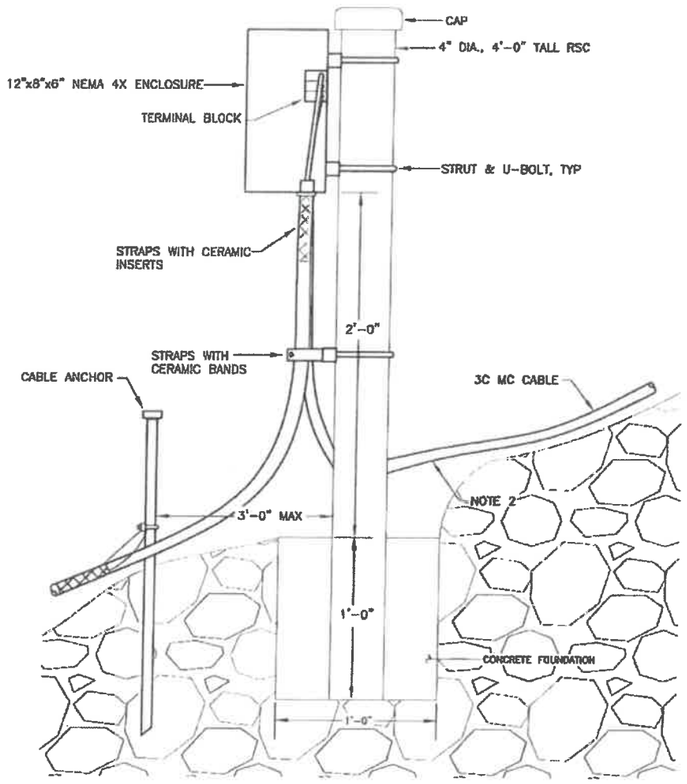
STATE OF ALASKA
DEPTARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

SGY: MINE MOUNTAIN REPEATER POWER SYSTEM UPGRADE

SITE PLAN & DETAILS

CHECKED BY:	BCH
DESIGNED BY:	BCH/KHD
DRAWN BY:	KHD
PROJECT DESIGNATION	0106(036)/80665

STATE	YEAR	SHEET	
ALASKA	2015	E2	12

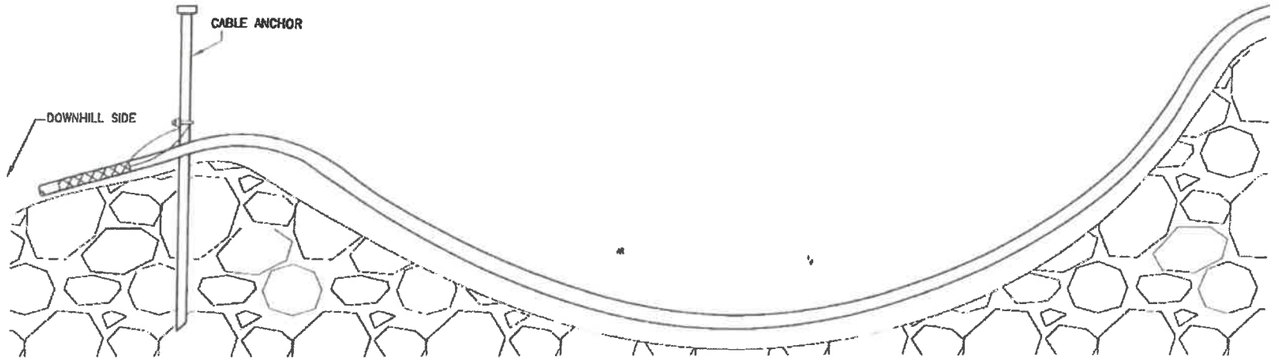


NOTES

1. SPLICES SHALL BE PLACED 1500 FEET APART, MINIMUM.
2. PROVIDE 3'-0" CABLE SLACK ABOVE SPLICE.
3. CABLE GRIPS SHALL BE STAINLESS STEEL LACE-ON TYPE.

1 DETAIL – CABLE SPLICE BOX

NO SCALE

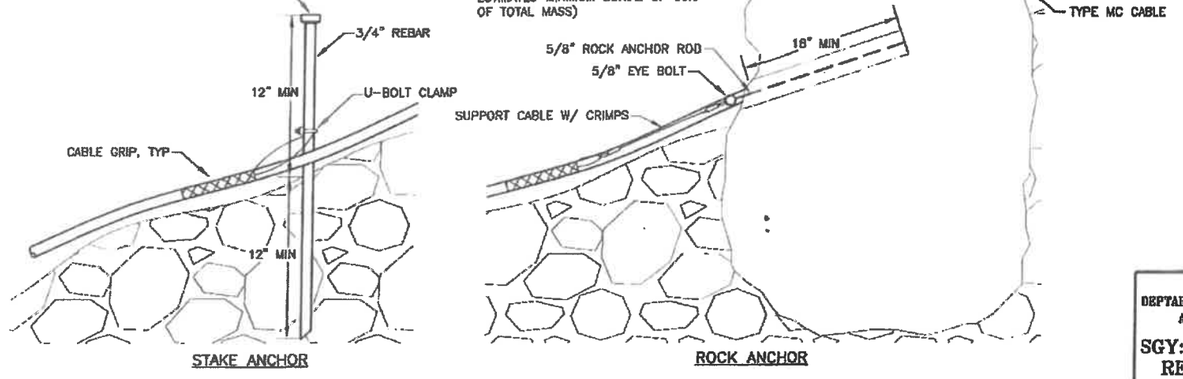


NOTES

1. CABLE ANCHOR SHALL BE PLACED AT DOWNHILL SIDE OF RAVINE AS SHOWN.
2. PROVIDE CABLE SLACK TO ALLOW CABLE TO LAY ON BOTTOM OF RAVINE.
3. CABLE GRIPS SHALL BE STAINLESS STEEL LACE-ON TYPE.

2 DETAIL – CABLE RAVINE SUPPORT

NO SCALE



NOTES

1. INSTALL CABLE ANCHORS WHERE CABLE PATH CHANGES DIRECTION.
2. INSTALL CABLE ANCHORS NOT MORE THAN 250 FEET APART.
3. ANCHORS MAY BE STAKE OR ROCK ANCHOR TYPE. PROJECT ENGINEER WILL CONFIRM STABILITY OF BOULDERS FOR ROCK ANCHOR TYPES.
4. CABLE GRIPS TO BE STAINLESS STEEL LACE-ON TYPE.

3 DETAILS – MC CABLE ANCHORS

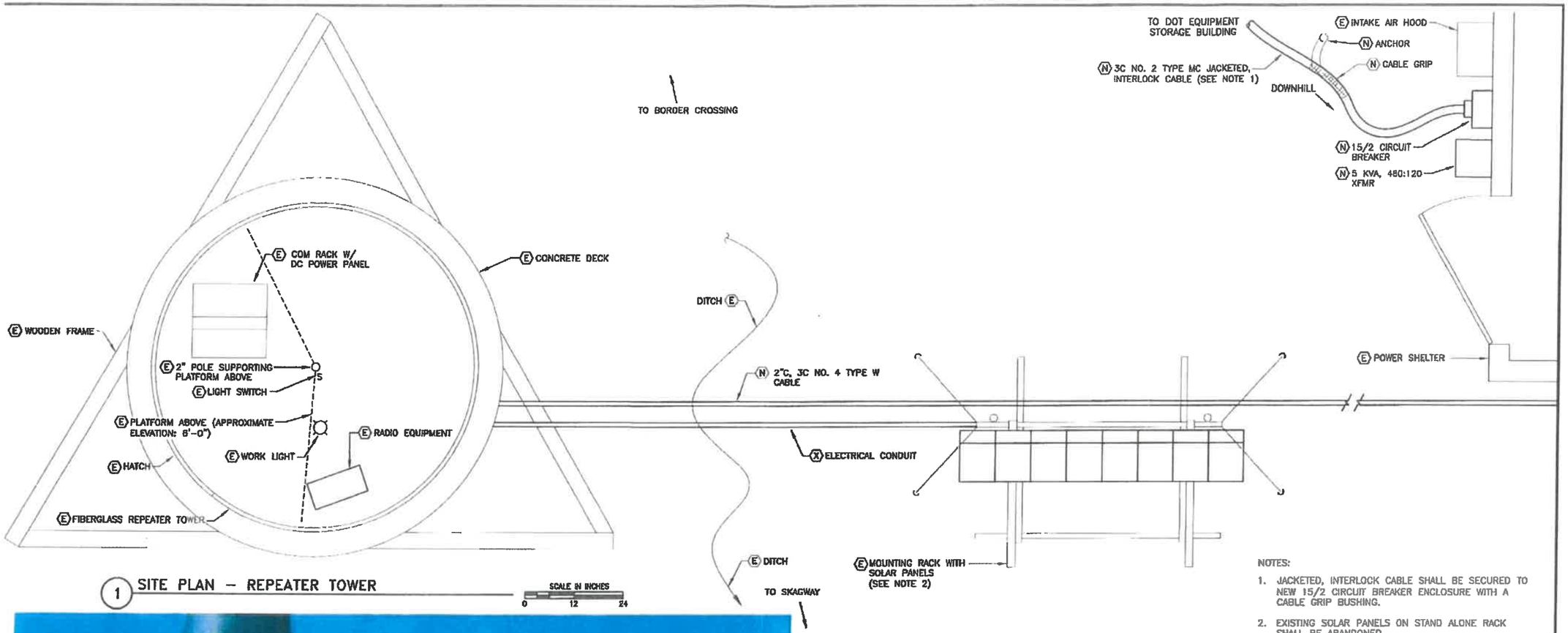
NO SCALE

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

SGY: MINE MOUNTAIN REPEATER POWER SYSTEM UPGRADE

SITE PLAN & DETAILS

CHECKED BY: BCH			
DESIGNED BY: BCH/KHD			
DRAWN BY: KHD			
PROJECT DESIGNATION			
0108(036)/80685			
STATE	YEAR	SHEET	
ALASKA	2015	E3	12



1 SITE PLAN – REPEATER TOWER

2 PHOTO – EXISTING REPEATER TOWER AND SOLAR PANELS

NO SCALE

NOTE: REMOVE EXISTING SOLAR PANELS ON EXISTING FIBERGLASS REPEATER TOWER.

NOTES:

1. JACKETED, INTERLOCK CABLE SHALL BE SECURED TO NEW 15/2 CIRCUIT BREAKER ENCLOSURE WITH A CABLE GRIP BUSHING.
2. EXISTING SOLAR PANELS ON STAND ALONE RACK SHALL BE ABANDONED.

06/16	INCORPORATE POWER SHELTER

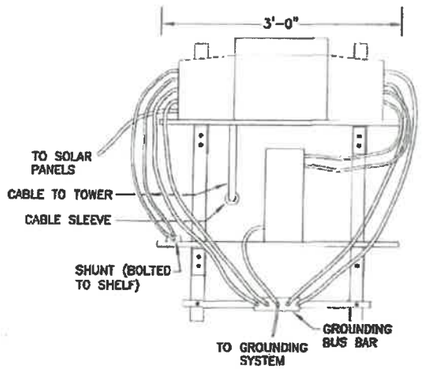
STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

SGY: MINE MOUNTAIN REPEATER POWER SYSTEM UPGRADE

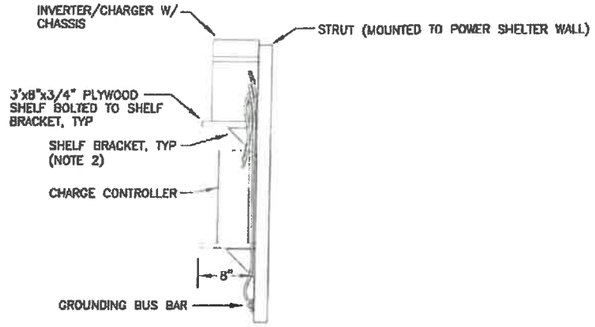
SITE PLAN & DETAILS

CHECKED BY: BCH			
DESIGNED BY: BCH/KHD			
DRAWN BY: KHD			
PROJECT DESIGNATION			
0106(036)/80665			
STATE	YEAR	SHEET	
ALASKA	2015	E4	12

SEE ATTACHED ONE LINE AS-BULT FOR CONDUIT AND CONDUCTOR SIZES



FRONT VIEW



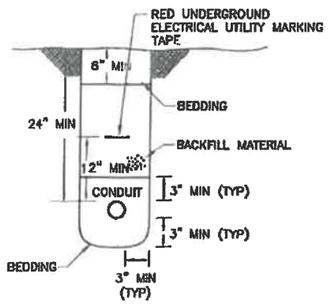
SIDE VIEW

NOTES

1. ALL MATERIALS FOR STAND SHALL BE HDG STEEL.
2. PRE-ASSEMBLED HDG STEEL SHELF BRACKET, COOPER EATON B-LINE B844-HDG OR EQUIVALENT.

1 DETAIL – INVERTER/CHARGER STAND

NO SCALE

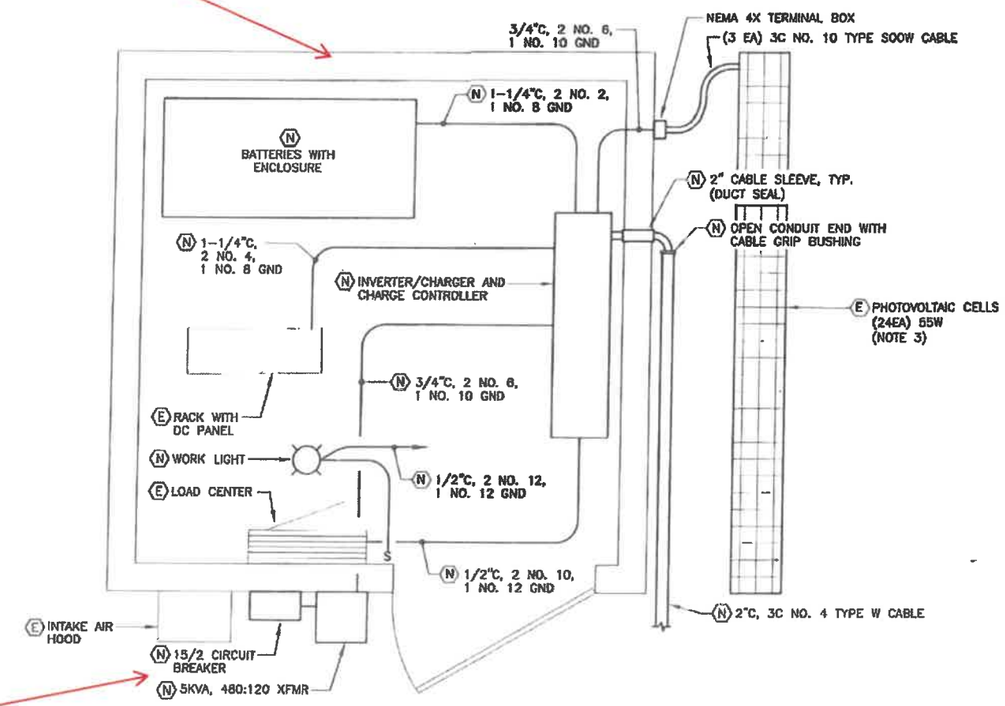


NOTES

1. CONDUIT SHALL BE RIGID STEEL WHEN BURIED LESS THAN 24 INCHES WHERE BEDROCK IS ENCOUNTERED.
2. CONDUIT SHALL BE ENCASED IN CONCRETE WHEN BURIED LESS THAN 6 INCHES WHERE BEDROCK IS ENCOUNTERED.
3. FIELD APPROVAL REQUIRED FOR SHALLOWER DEPTHS.

2 DETAIL – TRENCH

NO SCALE



4

3 FLOOR PLAN – POWER SHELTER

NO SCALE

REELOCATED INSIDE

4 PHOTO – POWER SHELTER

NO SCALE

NOTES:

1. REMOVE THE EXISTING BATTERIES AND CHARGE CONTROLLERS.
2. UTILIZE ROCK ANCHORS AND WOOD BEAMS TO SUPPORT THE POWER SHELTER IN A LEVEL POSITION, SEE E6.
3. REPLACE SUPPORT ARMS ON BOTTOM OF SOLAR PANEL SUPPORT STRUCTURE WITH 3/8" THICK 2.5"x2.5" ANGLE STEEL, BOLTED TO SHELTER SUPPORT BEAM. LENGTH OF ANGLE STEEL SHALL BE LONG ENOUGH TO TILT THE SOLAR PANEL STRUCTURE TO 15 DEGREES FROM VERTICAL. . DURING RE-LEVELING OF SHELTER, ALLOW THE SOLAR PANEL SUPPORT STRUCTURE TO REST WITH THE TOP SUPPORT ARMS LAYING ACROSS THE SHELTER ROOF.
4. RECIRCUIT SOLAR PANELS IN THREE SERIES-WIRED CIRCUITS PER THE SINGLE LINE DIAGRAM ON SHEET E4.

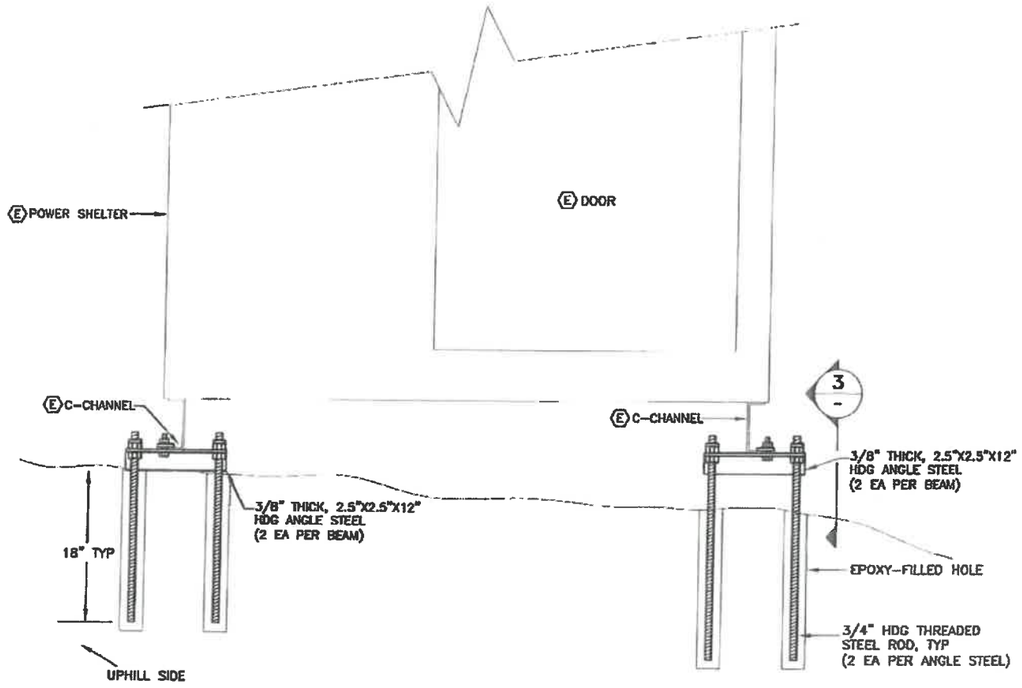
06/16	INCORPORATE POWER SHELTER

STATE OF ALASKA
DEPTARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

SGY: MINE MOUNTAIN REPEATER POWER UPGRADE SYSTEM

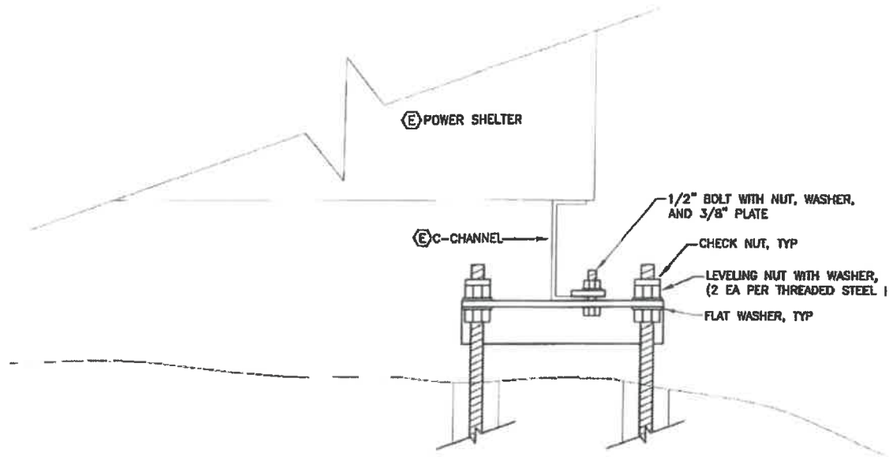
SITE PLAN & DETAILS

CHECKED BY: BCH			
DESIGNED BY: BCH/KHD			
DRAWN BY: KHD			
PROJECT DESIGNATION			
0106(036)/80665			
STATE	YEAR	SHEET	
ALASKA	2015	E5	12

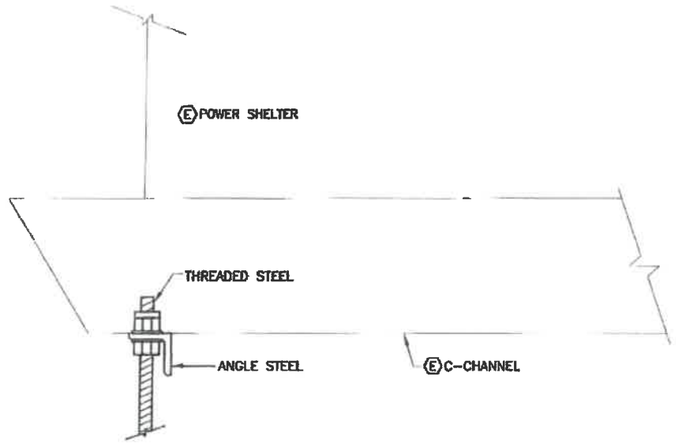


NOTE: THREADED ROD LENGTH AND LEVELING NUT POSITIONS AS REQUIRED TO LEVEL THE EXISTING SHELTER.

1 DETAIL – POWER SHELTER LEVELING
NO SCALE

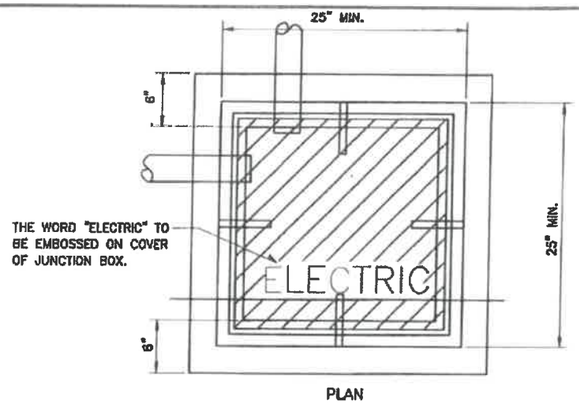


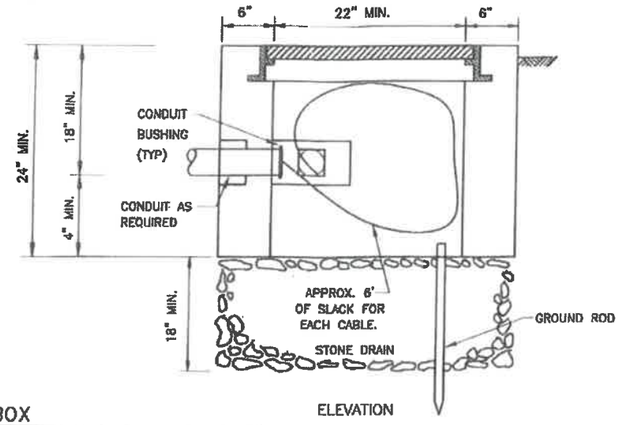
2 DETAIL – WOOD BEAM SIDE VIEW
NO SCALE



3 DETAIL – WOOD BEAM FRONT VIEW
NO SCALE

06/16	POWER SHELTER DETAILS		
STATE OF ALASKA DEPTARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES			
SGY: MINE MOUNTAIN REPEATER POWER SYSTEM UPGRADE			
SITE PLAN & DETAILS			
CHECKED BY: BCH			
DESIGNED BY: BCH/KHD			
DRAWN BY: KHD			
PROJECT DESIGNATION			
0106(038)/80665			
STATE	YEAR	SHEET	
ALASKA	2015	E6	12





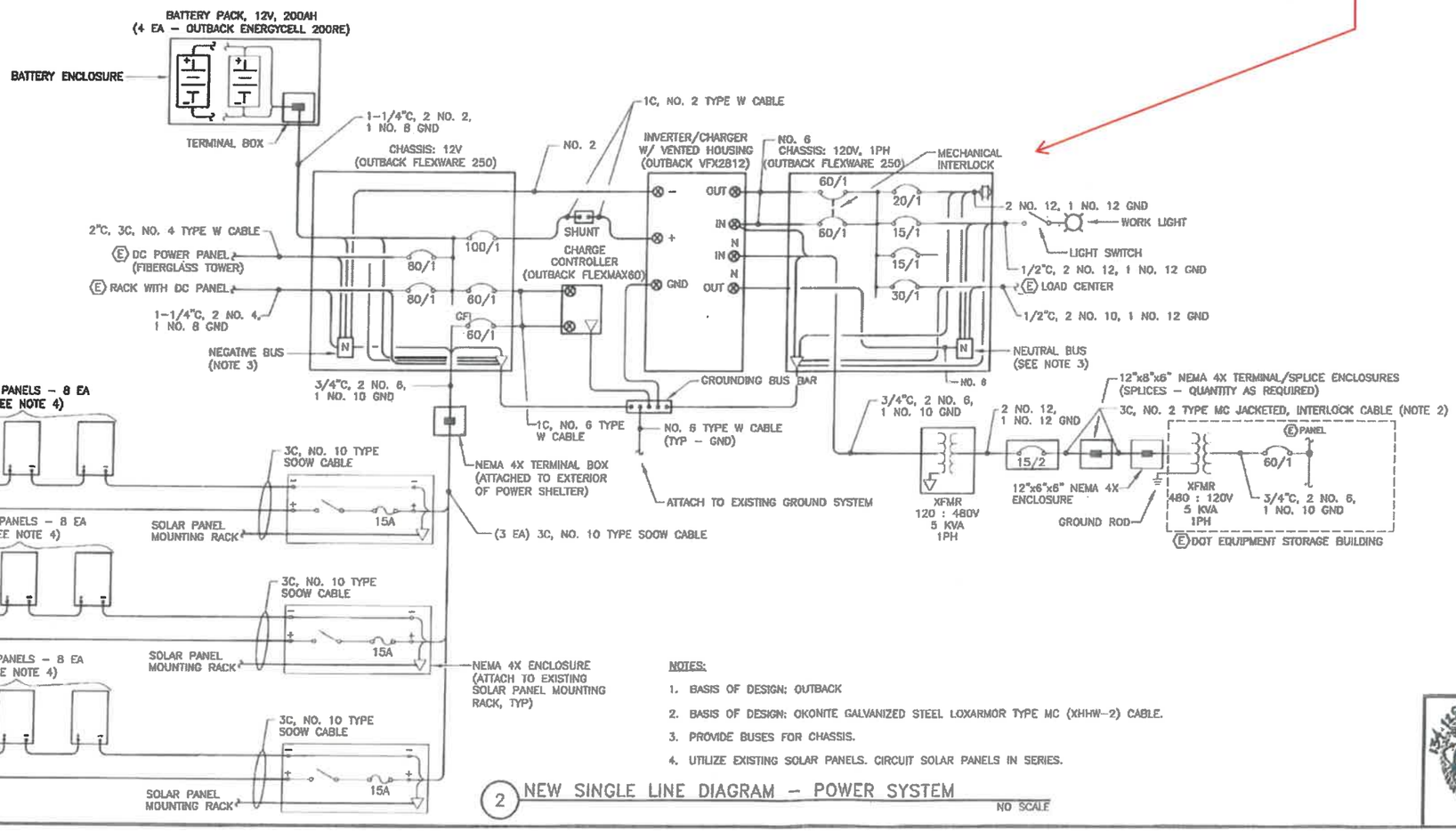
1 DETAIL – TYPE II JUNCTION BOX
ADOT & PF STANDARD DETAIL L23.01 WITH MODIFICATIONS — NO SCALE

GENERAL NOTES:

1. EACH FRAME AND COVER FOR TYPE II JUNCTION BOXES SHALL BE OF CAST IRON FOR LIGHT DUTY USE WITH A MINIMUM WEIGHT OF 210 POUNDS.
2. ALL METAL CONDUITS SHALL BE BONDED TO FORM A CONTINUOUS ELECTRICALLY SECURE SYSTEM WITH THE GROUND AT THE GROUNDING ROD IN THE JUNCTION BOX.
3. ALL JUNCTION BOX COVERS SHALL BE BONDED TO GROUNDING ROD WITH COPPER BRAID OF #8 AWG CROSS SECTION. THE LENGTH OF BRAID SHALL BE 5 FEET.
4. ALL CONDUITS SHALL BE GROUTED IN KNOCKOUT SECTIONS IN ACCORDANCE WITH THE ALASKA SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION.
5. JUNCTION BOXES SHALL BE SET FLUSH WITH THE SURROUNDING SURFACE.
6. ALL CONDUITS SHALL ENTER JUNCTION BOX THROUGH SIDES ONLY.

SEE ATTACHED ONE LINE AS-BULT FOR CONDUIT AND CONDUCTOR SIZES

4 STRINGS



NOTES:

1. BASIS OF DESIGN: OUTBACK
2. BASIS OF DESIGN: OKONITE GALVANIZED STEEL LOXARMOR TYPE MC (XHHW–2) CABLE.
3. PROVIDE BUSES FOR CHASSIS.
4. UTILIZE EXISTING SOLAR PANELS. CIRCUIT SOLAR PANELS IN SERIES.

2 NEW SINGLE LINE DIAGRAM – POWER SYSTEM
NO SCALE

06/16	INCORPORATE POWER SHELTER

STATE OF ALASKA
DEPTARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

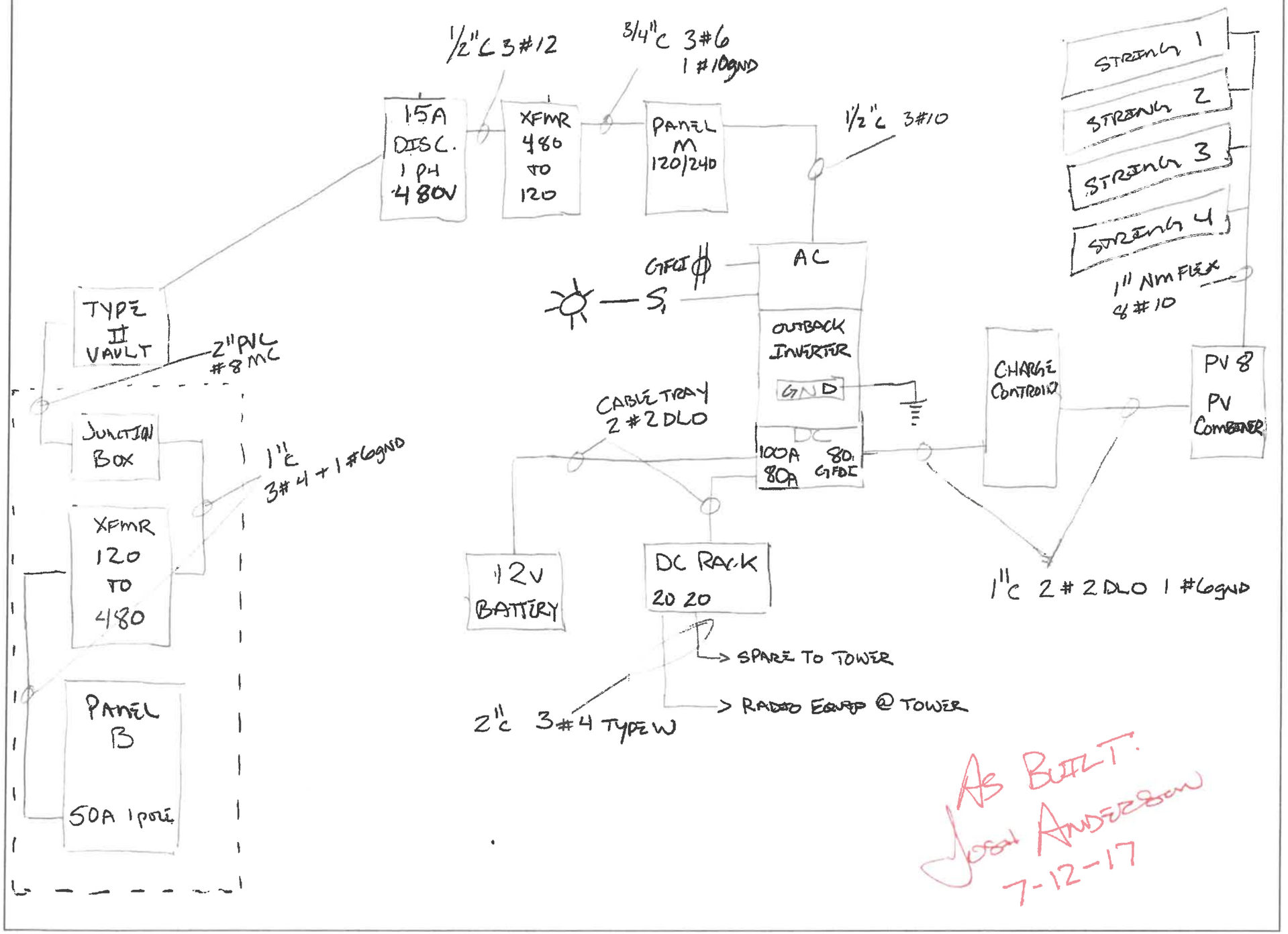
SGY: MINE MOUNTAIN REPEATER POWER SYSTEM UPGRADE

SITE PLAN & DETAILS

CHECKED BY:	BCH
DESIGNED BY:	BCH/KHD
DRAWN BY:	KHD
PROJECT DESIGNATION	0108(036)/80665

STATE	YEAR	SHEET	
ALASKA	2015	E7	12

MINE MOUNTAIN 1 LINE DRAWING.

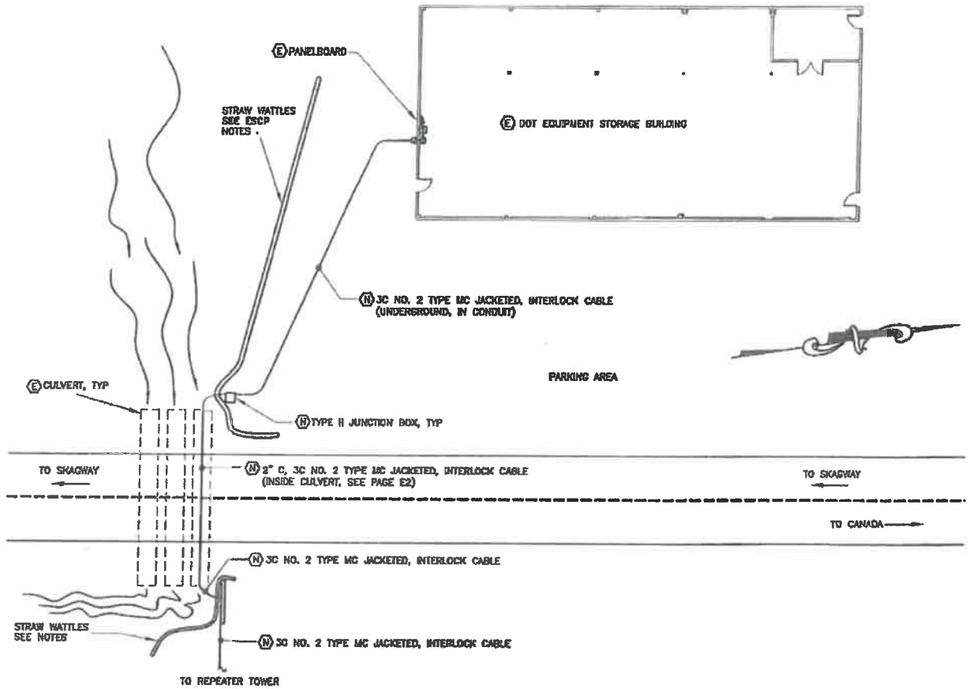


AS BUILT.
Josh Anderson
7-12-17

CHATHAM ELECTRIC
P.O. BOX 34977 • JUNEAU, AK 99803
(907) 789-9899 • FAX (907) 789-6954

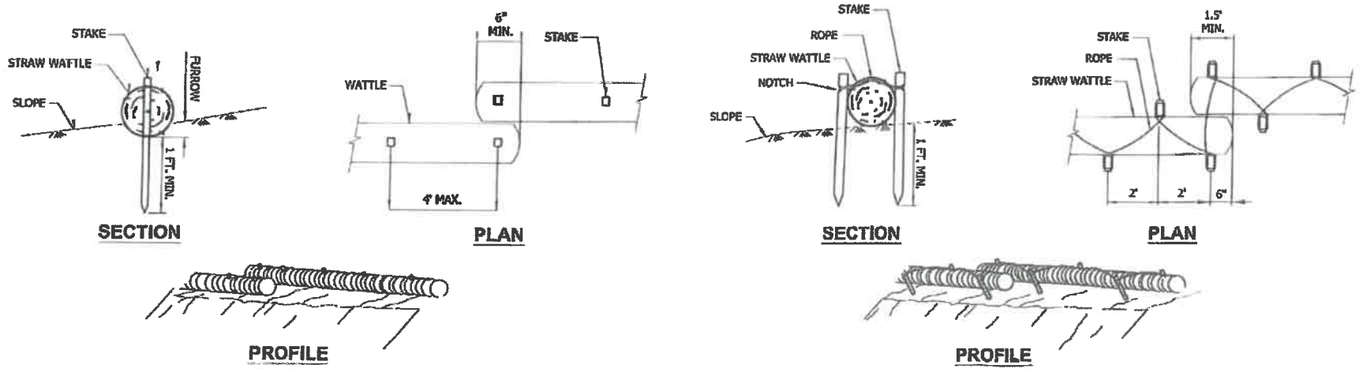
JOB

DATE



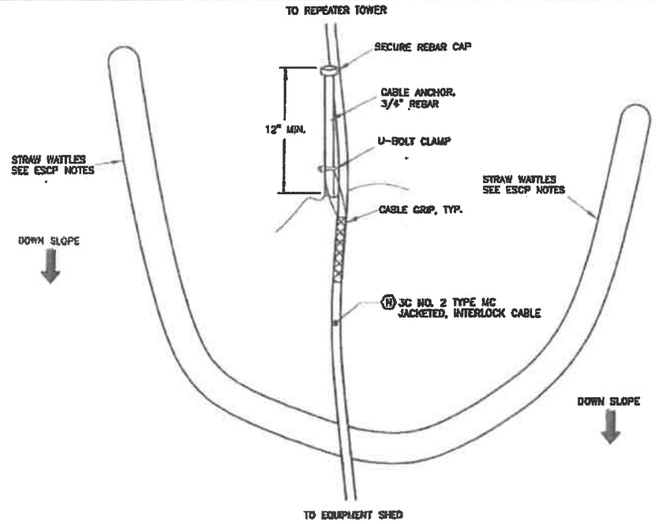
1 SITE PLAN / EROSION & SEDIMENT CONTROL PLAN

NO SCALE



3 STRAW WATTLE INSTALLATION DETAIL

NO SCALE



2 SPLICE & ANCHOR STRAW WATTLE INSTALLATION DETAIL

NO SCALE

ESCP NOTES

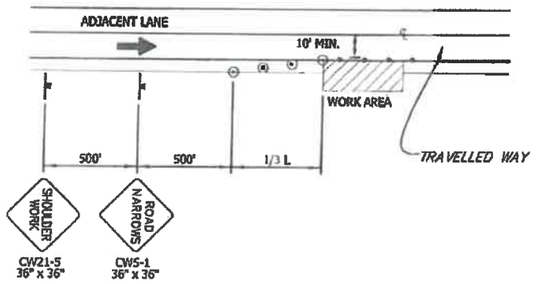
1. INSTALL STRAW WATTLE BEFORE BEGINNING CONSTRUCTION ACTIVITIES.
2. EXTEND STRAW WATTLE BEYOND LOWER EDGES OF FILL OR DISTURBANCE.
3. THE LOCATIONS OF TEMPORARY EROSION & SEDIMENT POLLUTION CONTROLS ARE ONLY RECOMMENDATIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PREPARE AND IMPLEMENT A WQCP ACCORDING TO SECTION 641 OF THE SPECS.
4. ADDITIONAL EROSION AND SEDIMENT POLLUTION CONTROL DEVICES MAY NEED TO BE ADDED AT THE DISCRETION OF THE PROJECT ENGINEER.
5. LAP ENDS OF STRAW WATTLE TO PREVENT SEDIMENT FROM SNEAKING THROUGH.
6. ANCHOR STRAW WATTLE EVERY FOUR FEET OR AS NEEDED TO SECURE FIRMLY IN PLACE PROVIDING CONTINUOUS GROUND CONTACT.
7. EROSION CONTROL MEASURES WILL BE EVALUATED BY THE ENGINEER BASED ON EFFECTIVENESS. THOSE FOUND INEFFECTIVE MUST BE REPLACED OR REPAIRED WITHIN 24 HOURS FOLLOWING NOTIFICATION.
8. MAINTAIN AND MONITOR EROSION AND SEDIMENT POLLUTION CONTROL DEVICES ON A DAILY BASIS.
9. REMOVE EROSION AND SEDIMENT POLLUTION CONTROL DEVICES AFTER CONSTRUCTION IS COMPLETE.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: BCH	STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES SOUTHEAST REGION
DESIGNED BY: KHD	SGY: MINE MOUNTAIN REPEATER POWER SYSTEM UPGRADE
DRAWN BY: REJ	SITE PLAN/ESCP

PATH: P:\PROJECTS\134 STATE OF ALASKA DOTPF\125A MINE MOUNTAIN REPEATER MODIFIED DESIGN\DRAWINGS\WORKING
TAB: P1 Friday, July 01, 2016 11:05:48 AM KYLE DRAPEAUX

REVISIONS NO.	DATE	DESCRIPTION	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
			0106(036)/80665	2015	P1	12

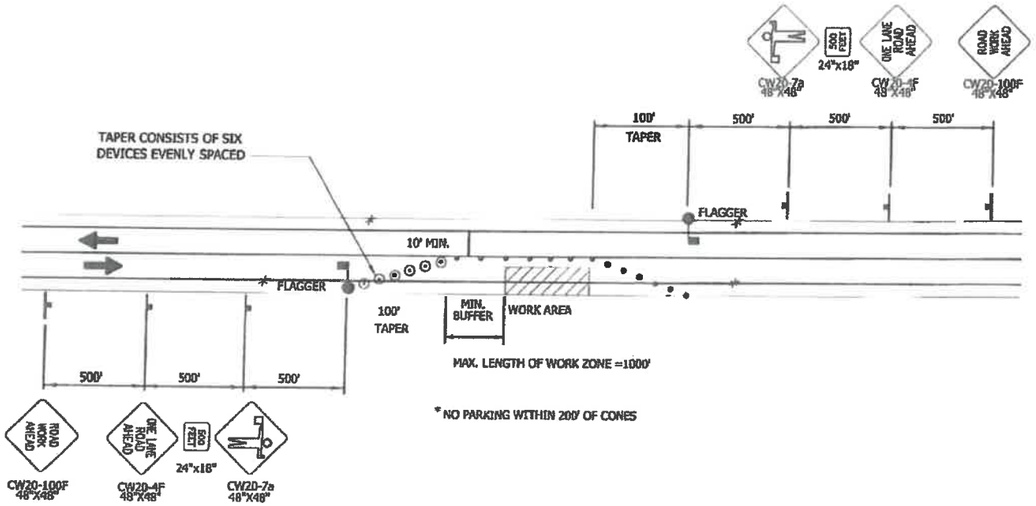


SHOULDER WORK

TRAFFIC CONTROL PLAN SET UP TABLE									
	LANE WIDTH (ft)			LANE WIDTH (ft)			SPACING (ft)		
	10	11	12	10	11	12			
SPEED (MPH)	Minimum Taper Length (ft)			Minimum Number of Devices			Straight	Curve	BUFFER (ft)
40	270	285	320	5	6	6	40	80	305
45	450	495	540	11	12	13	45	90	360
50	500	550	600	11	12	13	50	100	425
55	550	605	660	11	12	13	55	110	495

LEGEND

- SIGN
- CONE
- DRUM



SINGLE LANE CLOSURE
TWO LANE ROAD

NOTES:

1. MINIMUM OF ONE LANE SHALL REMAIN OPEN AT ALL TIMES IN WORK AREAS.
2. TEMPORARY DRIVING LANES SHALL HAVE A MINIMUM WIDTH OF 10'-0".
3. THE CONTRACTOR SHALL ORGANIZE CONSTRUCTION OPERATIONS SO THE TOTAL OF ALL STOPPAGES EXPERIENCED BY A VEHICLE TRAVELING THROUGH THE PROJECT DOES NOT EXCEED FIVE MINUTES.
4. CONSTRUCTION SIGNING SHALL BE IN PLACE ONLY WHEN THE CONDITIONS EXIST FOR WHICH THE SIGNS ARE INTENDED.
5. CHANNELIZATION DEVICES IF USED AT NIGHT SHALL BE LIT IN ACCORDANCE WITH THE ALASKA TRAFFIC MANUAL.
6. IT IS THE INTENT OF THIS TRAFFIC CONTROL PLAN (TCP) TO ILLUSTRATE SOME, NOT ALL, OF THE TRAFFIC CONTROL SETUPS WHICH WILL BE REQUIRED ON THIS PROJECT. ALL TCPS SHALL BE CREATED BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER FOR APPROVAL.

DO NOT SCALE FROM THESE DRAWINGS USE DIMENSIONS

CHECKED BY: BCH
DESIGNED BY: KND
DRAWN BY: REJ
PATH: F:\PROJECTS\134 STATE OF ALASKA DOT\PF\125A MINE MOUNTAIN REPEATER MODIFIED DESIGN\DRAWINGS\WORKING
TAB: T1 Friday, July 01, 2016 11:06:13 AM KYLE DRAPEAUX

STATE OF ALASKA
DEPARTMENT OF TRANSPORTATION
& PUBLIC FACILITIES
SOUTHEAST REGION

SGY: MINE MOUNTAIN REPEATER POWER SYSTEM UPGRADE

TRAFFIC CONTROL

REVISIONS			PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
NO.	DATE	DESCRIPTION				
			0106(036)/80665	2015	T1	12