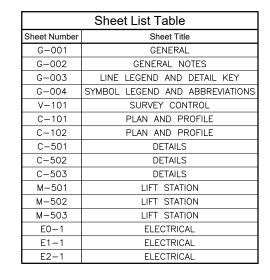
TROYER AVENUE LIFT STATION REPLACEMENT

TOWN OF PALISADE

June 2024

BID SET



PROJECT NO. 81-23-003



305 Main Street, Palisade, CO 81526 p 970 208 8508 w www.jub.com







J-U-B FAMILY OF COMPANIES

AGENCY CONTACTS

TOWN OF PALISADE MATT BEEHLER, PUBLIC WORKS

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JEFF VALDEZ, DESIGN ENGINEER

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G-001

causes of action, losses, and expenses, including reasonable attorneys' and expert

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PROJECT LOCATION

AREA MAP

GENERAL NOTES

- . THE TOWN OF PALISADE AND THE ENGINEER HAVE JURISDICTION OVER THIS PROJECT. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND BUSINESS LICENSES PRIOR TO CONSTRUCTION.
- CONTRACTOR IS RESPONSIBLE FOR DUST ABATEMENT AND ANY LIABILITY ISSUES RELATED TO DUST AT ANY LOCATION WHICH MAY BE CAUSED BY THIS PROJECT.
- 3. THE CONTRACTOR IS RESPONSIBLE FOR TRAFFIC CONTROL AND PROTECTION OF PEDESTRIANS IN AND AROUND THIS WORK. ALL TRAFFIC CONTROL, BARRICADES, ETC., SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- 4. ANY WORK DONE WITHIN A PUBLIC RIGHT—OF—WAY SHALL BE COORDINATED WITH THE APPROPRIATE TRANSPORTATION AGENCY AND SHALL MEET THE REQUIREMENTS OF THAT AGENCY AND, IN PARTICULAR, REQUIREMENTS OF ANY RIGHT—OF—WAY SPECIAL USE PERMIT, OR OTHER PERMIT. ALL WORK SHALL MEET CURRENT OSHA REQUIREMENTS.
- 6. WHERE WORK IS PERFORMED ON EASEMENTS, THE CONTRACTOR SHALL TAKE EVERY PRECAUTION TO ELIMINATE ANY ADVERSE EFFECTS ON THE ADJACENT PROPERTY AND/OR TO RESTORE IT TO ITS ORIGINAL CONDITION.
- 6. ALL DISTANCES AND DATA SHALL BE CHECKED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. IN CASE OF CONFLICT THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY SO THAT CLARIFICATION MAY BE MADE PRIOR TO THE START OF THE WORK.
- 7. THE CONTRACTOR SHALL ARRANGE FOR, SECURE AND PAY FOR DIRECTLY, ANY AND ALL TEMPORARY UTILITY SUPPLIES (E.G. WATER POWER, AND TELEPHONE) IT MAY REQUIRE FOR PROSECUTION OF ITS WORK. THE COST OF SUCH UTILITIES SHALL BE INCLUDED IN THE APPROPRIATE BID ITEM WITH WHICH IT IS ASSOCIATED.
- SHOULD CONSTRUCTION BE HALTED BECAUSE OF INCLEMENT WEATHER CONDITIONS, THE CONTRACTOR WILL COMPLETELY CLEAN UP ALL AREAS AND MAINTAIN THE SURFACE IN GOOD CONDITION DURING THE SHUT-DOWN PERIOD
- 9. THE CONTRACTOR'S PERSONNEL, EQUIPMENT, AND OPERATIONS SHALL COMPLY FULLY WITH ALL APPLICABLE STANDARDS, REGULATIONS, AND REQUIREMENTS OF EXISTING FEDERAL, COLORADO STATE, AND LOCAL GOVERNMENTAL AGENCIES.
- 10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL LOCAL, STATE, AND FEDERAL PERMITS REQUIRED FOR STORMWATER POLLUTION PREVENTION AS A RESULT OF CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL PREPARE A STORMWATER POLLUTION PREVENTION PLAN FOR APPROVAL BY THE ENGINEER. IF THE CONSTRUCTION WILL DISTURB MORE THAN ONE ACRE, THE CONTRACTOR SHALL OBTAIN A COPY OF THE U.S. ENVIRONMENTAL PROTECTION AGENCY'S NPDES GENERAL PERMIT FOR STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY (OTHERWISE KNOWN AS THE CONSTRUCTION GENERAL PERMIT OR CGP) AND SUBMIT A "NOTICE OF INTENT" (NOI)[EPA FORM 3510-9 (6/03)] FOR PERMIT COVERAGE UNDER THE GENERAL PERMIT. THE CGP MAY BE FOUND ON THE INTERNET AT

∠HTTP://WWW.EPA.GOV/NPDES/STORMWATER/CGP> OR BY CONTACTING THE U.S. EPA OFFICE OF WATER DIRECTLY AT (800) 424-4372. THE NOI MAY BE FILED ELECTRONICALLY AT THE FOLLOWING WEBSITE:

∠HTTP://CFPUB.EPA.GOV/NPDES/STORMWATER/ENOI.CFM>. THE CGP DOES NOT RELIEVE THE CONTRACTOR FROM COMPLIANCE WITH OTHER REGULATIONS OR CONTRACT REQUIREMENTS REGARDING STORMWATER POLLUTION PREVENTION INCLUDING BUT NOT LIMITED TO: PROTECTION OF SURFACE WATERS, PREVENTION OF SOIL RUNOFF INTO DRAINS, DUST CONTROL, PREVENTION OF TRACKING SOILS TO ADJACENT STREETS, FUEL CONTAINMENT, SPILL CONTROL, ETC.

- 11. ALL WORK SHALL BE CONTAINED IN OR LIMITED TO THE TOWN'S PROPERTY, EASEMENTS, OR APPROVED STAGING AREAS.
- 12. CONTRACTOR TO PROVIDE, CONSTRUCT, MAINTAIN AND REMOVE A TEMPORARY FENCE AROUND THE CONSTRUCTION SITE USED TO PROTECT NEIGHBORING PROPERTIES FROM DAMAGE. CONTRACTOR IS ALSO RESPONSIBLE FOR PROTECTION TO SAFE GUARD WORK SITE. PAY ITEM TO BE INCLUDED IN MOBILIZATION.
- 13. THE ENGINEER HAS PROVIDED VERTICAL AND HORIZONTAL CONTROLS ON THE PROJECT SITE. ANY ADDITIONAL CONSTRUCTION STAKING REQUIRED TO COMPLETE THE PROJECT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

- 14. CONTRACTOR SHALL LOCATE AND PROTECT ALL EXISTING UTILITIES AND BE RESPONSIBLE FOR DAMAGES TO EXISTING UTILITIES AND EXISTING IMPROVEMENTS AS A RESULT OF THE CONTRACTOR'S CONSTRUCTION ACTIVITIES.
- 15. SURVEY MARKERS AND LOT PINS (NOT SHOWN ON THE PLANS) SHALL BE PROTECTED. IF DISTURBED, THEY SHALL BE RESET BY A LICENSED SURVEYOR AT THE CONTRACTOR'S EXPENSE.
- 16. THE CONTRACTOR SHALL PROVIDE A SANITARY FACILITY AT THE JOB SITE
- EXCESS EXCAVATED MATERIALS, ASPHALT, AND CONCRETE SHALL BECOME THE PROPERTY OF THE CONTRACTOR, WHO IS RESPONSIBLE FOR DISPOSAL AT LOCATIONS APPROVED OF BY THE ENCONEED
- 18. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION REGARDING CONCRETE MATERIAL, PLACEMENT, TEMPERATURE, CONSIDERATIONS, JOINTS. SEALING. ETC.
- LANDSCAPE RESTORATION NOT LISTED IN THE BID SCHEDULE SHALL BE CONSIDERED INCIDENTAL TO OTHER ITEMS OF WORK AND WILL NOT BE PAID FOR SEPARATELY.
- 20. ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION BY THE TOWN OF PALISADE. THE TOWN RESERVES THE RIGHT TO ACCEPT OR REJECT ANY MATERIALS AND WORKMANSHIP THAT DOES NOT CONFORM TO THE STANDARDS AND SPECIFICATIONS OF THE TOWN
- 21. ALL CONSTRUCTION TO BE PERFORMED IN ACCORDANCE WITH THE CITY OF GRAND JUNCTION STANDARD CONTRACT DOCUMENTS FOR CAPITAL IMPROVEMENTS CONSTRUCTION.
- 22. THE CONTRACTOR SHALL HAVE A COPY OF THE CITY OF GRAND JUNCTION STANDARD CONTRACT DOCUMENTS FOR CAPITAL IMPROVEMENT CONSTRUCTION AT THE JOB SITE AT ALL TIMES.
- 23. SEWER SERVICES AND LIFT STATION SHALL REMAIN OPERATIONAL DURING CONSTRUCTION.
- 24. THE CONTRACTOR SHALL PROVIDE FINAL CCTV CAMERA INSPECTION OF THE GRAVITY SEWER LINES FOR INSPECTION BY THE ENGINEER. ANY SUSPECTED SAGS, FOUND DURING LAMPING OF THE SEWER LINE, WILL BE MEASURED WITH A GRADUATED DEVICE IN FRONT OF THE CAMERA SO AS TO ELIMINATE ANY DISTORTIONS THAT MAY BE CAUSED BY THE OPTICS OF THE CAMERA. THIS WORK IS INCIDENTAL TO THE INSTALLATION OF GRAVITY SEWER LINES.

EXISTING UTILITIES

1. APPROXIMATE LOCATIONS OF UTILITIES ARE SHOWN ON THE PLANS. THEY ARE TO BE USED FOR GENERAL INFORMATION ONLY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE APPROPRIATE UTILITY COMPANIES WHEN CONSTRUCTION MIGHT INTERFERE WITH NORMAL OPERATION OF ANY UTILITIES. IT SHALL ALSO BE THE CONTRACTOR'S RESPONSIBILITY TO HAVE THE APPROPRIATE UTILITY COMPANY FIELD—LOCATE ANY UTILITY INSTALLATIONS WHICH MIGHT BE AFFECTED BY CONSTRUCTION PRIOR TO BEGINNING WORK IN THAT AREA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING SERVICE OF EXISTING UTILITIES AND FOR RESTORING ANY UTILITIES DAMAGED DUE TO CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER. DEPTHS AND ELEVATIONS OF UTILITIES ARE UNKNOWN UNLESS OTHERWISE SHOWN. CONTRACTOR SHALL FIELD VERIFY UTILITY DEPTHS, ELEVATIONS, ANY DISCREPANCIES AND/OR CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY.

INSPECTION AND TESTING

- 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MATERIALS TESTING INCLUDING BUT NOT LIMITED TO CONCRETE, FLUSHING, DISINFECTION, LEAK, PRESSURE, BACTERIOLOGICAL, AND COMPACTION. ALL TESTS SHALL MEET MINIMUM ENGINEER REQUIREMENTS. SEE THE CONTRACT DOCUMENTS AND DRAWINGS FOR FREQUENCY OF TESTING. RESULTS ARE TO BE DELIVERED TO OWNER AND ENGINEER.
- 2. THE CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH ENGINEER FOR INSPECTIONS OF WORK AT APPROPRIATE INTERVALS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PAY FOR ADDITIONAL INSPECTIONS THAT ARE THE RESULT OF HIS WORKMANSHIP.



CALL 2 BUSINESS DAYS IN ADVANCE BEFORE
YOU DIG, GRADE, OR EXCAVATE FOR THE
MARKING OF UNDERGROUND MEMBER
UTILITIES



J-U-B ENGINEERS, IN 305 S. Main Street Unit 6 Palisade, CO 81526

BID SET

HT AND ME SENT. CLIENT'S U-B.				BY APR. DATE	
PYRIG HE SAN N CON! BE AT E TO J.				APR.	
AND T AND T AITTE				ሕ	
OTHER RESERVED RIGHTS OF THESE ENAMINES. AND THE SAME THAN OTHER RESERVED RIGHTS OF THESE ENAMINES. AND THE SAME THAN OTHER RELEASE POTHOUR CHALES PRIOR WITHTEN CONSENT. ANY RELISE WITHOUT WRITTEN CONSENT ENAMILE BE AT CLIENTS SOLE RISK AND WITHOUT LIABILITY OR LEGAL EXPOSITION TO 14-18.	REVISION			DESCRIPTION	
S A S A S				Š	

TROYER AVENUE LIFT STATION REPLACEMENT TOWN OF PALISADE

> LE: 81-23-003_G-002 JB PROJ. #:81-23-003 RAWN BY: MWF

DESIGN BY: MWF
CHECKED BY: MWF
ONE INCH

AST LIBORATED: 6(17/2024)

SHEET NUMBER

G-002

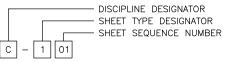
LINE LEGEND

LINE DESCRIPTION	PROPOSED LINE	EXISTING LINE
POWER / COMMUNICA	ATIONS	
OVERHEAD POWER	———ОНР———	—— ОНР ———
UNDERGROUND POWER	———UP———	UP
OVERHEAD TELEPHONE	—— онт ——	онт
UNDERGROUND TELEPHONE	——	UT
FIBER OPTIC	——F/0——	F/O
CABLE TELEVISION	—— стv ——	ctv
UNDERGROUND POWER, TEL, CABLE TV		- — — -P,T,CTV - — — -
UNDERGROUND POWER, TEL, CABLE TV, GAS		——— P,T,CTV,G ———
STORM DRAIN		
STORM DRAIN (GENERAL)	sp	sp
STORM DRAIN	——————————————————————————————————————	x"sp
ROOF DRAIN	RD	RD
LAND DRAIN	——LD——	LD
SANITARY SEWER		
SANITARY SEWER (GENERAL)	——ss——	ss
SANITARY SEWER	———x*ss———	x"ss
SANITARY SEWER SERVICE	—ss——ss—	ssss
SEWER FORCE MAIN	———- FM———	— — — FM — — —
WATER		
WATER (GENERAL)	w	w
WATER (SPECIFIED SIZE)	x*w	x"w
WATER SERVICE	wsws	wsws
IRRIGATION		
IRRIGATION	——— IRR ———	IRR
GRAVITY IRRIGATION	GIRR	
PRESSURE IRRIGATION	PIRR	PIRR
POTABLE WATER	PW	PW
NON-POTABLE WATER	NPW	NPW
GAS		
NATURAL GAS	G	G
NATURAL GAS SERVICE	— c — c —	G G
HIGH PRESSURE GAS	HPG	HPG
LIQUID GAS	LG	re
UTILITY		<u> </u>
CHLORINE LINE	——————————————————————————————————————	CHL
INDUSTRIAL WASTE WATER	IWW	IWW
DRAIN LINE	—— DL ——	DL

LINE DESCRIPTION	PROPOSED LINE	EXISTING LINE
BOUNDARY		
PROPERTY LINE	P/L	——— P/L ———
PROPERTY LINE		
RIGHT OF WAY	R/W	R/W
TEMPORARY EASEMENT	T/E	т/е
PERMANENT EASEMENT	———P/E———	——— P/E ———
TOWNSHIP AND RANGE		
SECTION LINE		
QUARTER SECTION LINE		
1/16 SECTION LINE		
STATE LINE		
COUNTY LINE		
SITE		
FENCE	x	x
MAJOR CONTOUR	2521	
MINOR CONTOUR		
GRADE BREAK		GB
TOP OF BANK		тов
TOE OF SLOPE		тое
CUT LIMITS		
CUT LIMITS	CUT	
FILL LIMITS		
FILL LIMITS		
DITCH		
STORM SWALE		
EDGE OF WATER		
HIGH WATER		
WETLAND		WET
WETLAND BOG		BOG
WETLAND MARSH		MRSH
WETLAND SWAMP		SWMP
ROADWAY		
ROAD SHOULDER		
ROAD CENTERLINE		
ROAD ASPHALT		EP
ROAD GRAVEL	———EG———	EG
TOP BACK OF CURB		
LIP OF GUTTER		
LANDSCAPING LIMITS	Ls	LS

SHEET NUMBERING

SAMPLE: C-101 - DISCIPLINE DESIGNATOR



DISCIPLINE DESIGNATORS				
DISCIPLINE	DESIGNATOR	DESCRIPTION		
	G	ALL GENERAL		
 GENERAL	GI	GENERAL INFORMATION		
GENERAL	GC	GENERAL CONTRACTUAL		
	GR	GENERAL RESOURCE		
SURVEY/MAPPING	V	ALL SURVEY		
GEOTECHNICAL	В	ALL GEOTECHNICAL		
CIVIL	С	ALL CIVIL		
LANDSCAPE	L	ALL LANDSCAPE		
STRUCTURAL	S	ALL STRUCTURAL		
ARCHITECTURAL	A	ALL ARCHITECTURE		
EQUIPMENT	Q	ALL EQUIPMENT		
MECHANICAL	М	ALL MECHANICAL		
ELECTRICAL	E	ALL ELECTRICAL		
PLUMBING	Р	ALL PLUMBING		
PROCESS	D	ALL PROCESS		
RESOURCE	R	ALL RESOURCE		

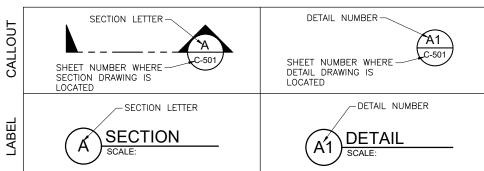
	SHEET TYPE DESIGNATORS	
DESIGNATOR	SHEET TYPE	
0	GENERAL (SYMBOLS, LEGENDS, NOTES, ETC.)	
1	PLANS (HORIZONTAL VIEWS)	
2	ELEVATIONS, PROFILES, COMBINED PLAN & PROFILES	
3	SECTIONS (SECTIONAL VIEWS)	
4	LARGE-SCALE VIEWS (PLANS, ELEVATIONS, ECT.)	
5	DETAILS OR COMBINED DETAILS AND SECTIONS	
6	SCHEDULES AND DIAGRAMS	
7	USER DEFINED	
8	USER DEFINED	
9	3D REPRESENTATIONS (ISOMETRICS, PERSPECTIVES, PHOTOS)	

SECTION AND DETAIL IDENTIFIERS

NOTE:
A DASH MAY BE PLACED IN THE LOWER PORTION
OF THE IDENTIFIER IF THE DETAIL DRAWING OR
SECTION VIEW IS LOCATED ON THE SAME SHEET.

SECTION IDENTIFICATION

DETAIL IDENTIFICATION



J-U-B ENGINEERS, INC.

J-U-B ENGINEERS, INC. 305 S. Main Street Unit 6 Palisade, CO 81526

BID SET

TROYER AVENUE LIFT STATION REPLACEMENT TOWN OF PALISADE LINE LEGEND AND DETAIL KEY

FILE: 81-23-003_G-0 JUB PROJ. #: 81-23-00 DRAWN BY: MWF DESIGN BY: MWF

CHECKED BY: MWF

ONE INCH

AT FULL SIZE, IF NOT ONE
INCH, SCALE ACCORDINGL

SHEET NUMBER:

G-003

SYMBOL DESCRIPTION	EXISTING SYMBOL	PROPOSED SYMBOL
SURVEY		
CAP (ALUMINUM)	\oplus	
CAP (BRASS)	•	
CHISELED X		
CTRL PT GENERIC	◬	
CTRL PT ½" REBAR	△1/2" PIN CONTROL PT	
CTRL PT %" REBAR	△ 5/8" PIN CONTROL PT Output Description Control PT Output Description Description	
CTRL PT 60D NAIL	△ 60D	
CTRL PT HUB & TACK	А нт	
CTRL PT PK NAIL	А РК	
CTRL PT TEMP BENCH MARK	<u>А</u> твм	
NAIL	\times	•
NAIL AND TAG	$\bigcirc^{N/T}$	
NAIL (PK)	© ^{PK}	
BOLT	•	
DRILL STEEL	0	
REBAR (½")	0	•
REBAR (5/8")	0	•
STAINLESS STEEL ROD	•	
IRON PIPE	©	
RAILROAD SPIKE	♦	
R/W MONUMENT	Ō	
STONE	+	
STONE	22 【 15	
SECTION CORNER. MON.	21 16	
SECTION QUARTER MON.	15 22	
SITE		
BOLLARD		
BOULDER	0	
DRINKING FOUNTAIN	DF	DF
FLAGPOLE	(F)	(F)
GATE		
MAIL BOX	M	M
PARKING METER	₽M	₩.
POST	0	•
SIGN		
SPOT ELEVATION		×
TREE (SHRUB)	0	
TREE (STUMP)	M	
TREE (CONIFEROUS)	W. W.	
TREE (DECIDUOUS)		
TEST HOLE	(H)	
we	(W)	
WELL		

SYMBOL	EXISTING	PROPOSED
UTILITIES	SYMBOL	SYMBOL
MANHOLE (GENERIC)		
PRESSURE CLEAN OUT	(PCG)	PCG
AT GRADE		
THRUST BLOCK VAULT	V	
COMMUNICATION		_
TELE. MANHOLE	T	
TELE. PEDESTAL	(D)	•
TELE. POLE	——————————————————————————————————————	•
TV PEDESTAL	TV	TV
GUY WIRE		
DOMESTIC WATER		l
FIRE HYDRANT SPIGOT	₽ ₽	•
YARD HYDRANT	♥ 	
WATER MANHOLE	w w	
WATER METER	⊞	w
WATER VALVE	×	×
ELECTRIC		
ELEC. MANHOLE	© _	_
ELEC. METER	Ē	Ē
ELEC. TRANS.	E	E
JUNCTION BOX	J	J
POWER POLE	-	-
POWER STUB	(E)	©
STREET LIGHT	*	*
TRAFFIC SIGNAL POLE		
IRRIGATION		
IRRIGATION VALVE	RR	R
IRRIGATION VALVE BOX	①	□ □
SPRINKLER	Δ	A
NATURAL GAS		
GAS METER	G H	G •
GAS VALVE	Ğ	G ⋈
SANITARY SEWER		
CLEANOUT	0	•
SEWER STUB	\$	S
SS MANHOLE		•
STORM DRAIN	•	
CATCH BASIN	B	
DRY WELL	(DW)	(W)
FLARE END	D	
GREASE TRAP	• 0	® O
SD MANHOLE	(D)	•
	1	

SYMBOL DESCRIPTION	EXISTING SYMBOL	PROPOSED SYMBOL
FITTINGS		
BEND (11.25°)		I
BEND (22.5°)		~
BEND (45°)		Ţ
BEND (90°)		띡
CAP		E
COUPLING	#	#
CROSS	+	+
REDUCER (CONCENTRIC)	M	M
REDUCER (ECCENTRIC)		
TEE	프	파
TRUE UNION	=	=
WYE		
VALVES		
AIR VALVE	A	A
BLOW OFF	B	▲
COMBO VALVE	<u> </u>	<u> </u>
BALL VALVE (N.C.)	J ⊕ [J ● [
BALL VALVE (N.O.)	1 <u>0</u> 1	īQī
BUTTERFLY VALVE	N	N
CHECK VALVE	И	И
CHECK VALVE (FLANGE)	N	Ν
CHECK VALVE (MJ)	N	N
GATE VALVE	\bowtie	\bowtie
PLUG VALVE (N.C.)	×	×
PLUG VALVE (N.O.)	M	×
ROAD MARKINGS	T /	
TURN ARROW	\ \psi_	7
ARROW STRAIGHT	Î	†
ARROW STRAIGHT/TURN	K.	4
BICYCLE ROUTE	000	&
CAR		
HANDICAP SYMBOL	Ğ.	Ġ.
ROADWAY	I ~~~	
INTERSTATE ROUTE	25)	
MAST ARM		
PEDESTRIAN SIGNAL		
STATE ROUTE	14	

TRAFFIC LIGHT

SYMBOL DESCRIPTION	EXISTING SYMBOL	PROPOSED SYMBOL
ROADWAY (CONT.)		
TYPE 2 BARRICADE	••	
US ROUTE	287	
TRAFFIC ATTENUATOR		
JERSEY BARRIER		

AE	BREVIATIONS
ASSY	ASSEMBL`
>	ANGLI
©	AT (MEASUREMENTS
BLDG	BUILDING
BM	BENCH MARK
BSC	BITUMINOUS SURFACE COURSI
BSW	BACK OF SIDEWALI
BW	BOTH WAY
С	CHANNEL (STRUCTURAL
C/L	CENTER LINI
CMP	CORRUGATED METAL PIPI
CO	CLEANOU
CONC	CONCRETI
CONT	CONTINUOUS
CPLG	COUPLING
CU FT	CUBIC FEE
CU YD	CUBIC YARI
DEG OR °	DEGREI
DET	DETAIL
DIA OR Ø	DIAMETER
DIP	DUCTILE IRON PIPI
DIST	DISTRIBUTION
DWG	DRAWING
EA	EACI
ELB	ELBOV
ELEV	ELEVATION
EW	EACH WAY
EXIST	EXISTING
FG	FINISH GRADI
FH	FIRE HYDRAN
FLG	FLANGI
FT OR '	FEE
GV	GATE VALV
HORIZ	HORIZONTA
ID	INSIDE DIAMETE
IN OR "	INCI
LB OR #	POUN
LF	LINEAL FEE
LN	LINEA
MAX	MAXIMUN
MIN	MINIMUM
NO OR #	NUMBE
PE	POLYETHYLENI
PL	PLATI
PL	PROPERTY LINI
PVC	POLYVINYL-CHLORIDI
R	RADIU:
RP	RADIUS POIN
R&R	REMOVE & REPLACI
REM	REMOVI
REQ'D	REQUIRE
REV	REVISIO
R/W	RIGHT-OF-WA

S	SLOPE
SPEC	SPECIFICATION
STA	STATION
STD	STANDARI
STL	STEEL
ST STL	STAINLESS STEEI
TBC	TOP BACK OF CURE
TYP	TYPICAI
TFC	TOP FACE OF CONCRETE
W/	WITI
W/O	WITHOU'
W/REQ'D	WHERE REQUIRED

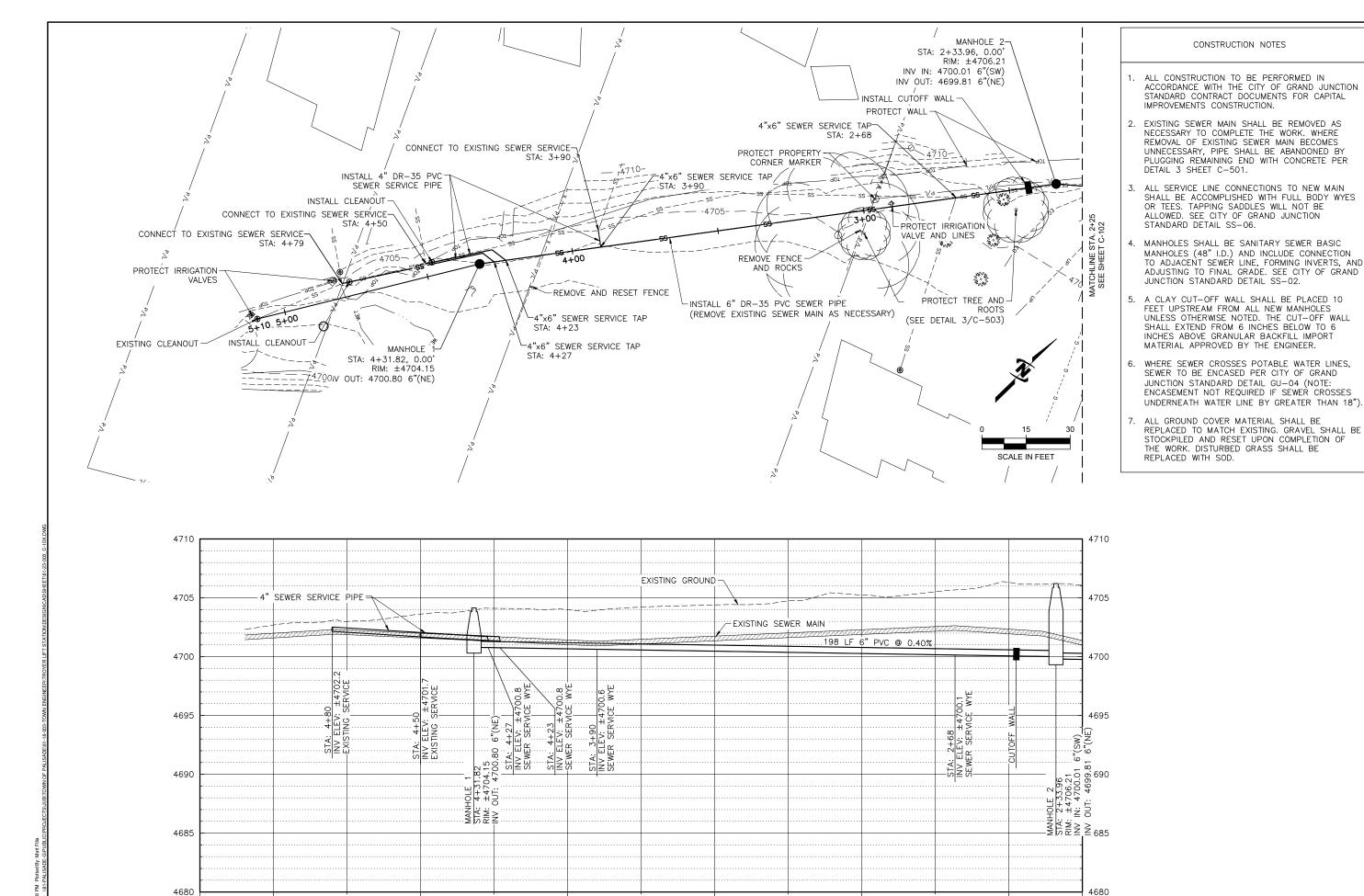
(JUB)
J-U-B ENGINEERS, INC.

305 S. Main Street Unit 6 Palisade, CO 81526

BID SET

TROYER AVENUE LIFT STATION REPLACEMENT TOWN OF PALISADE SYMBOL LEGEND AND ABBREVIATIONS SHEET NAME THE STATIONS SYMBOL LEGEND AND ABBREVIATIONS SHEET NAME TOWN TOWN	REUSE OF DRAWINGS OTHER RESERVED RIGHTS OF THESE DRAWINGS, AND THE SHALL NOT BE REUSED WITHOUT LABS PRIOR WRITTEN OF ANY HOUSE WITHOUT WRITTEN CONSENT BY ANY REUSE WITHOUT WRITTEN CONSENT BY LALB WITHOUT SOLE RISK AND WITHOUT LIABILITY OR LEGAL EXPOSURE T	REVISION					NO. DESCRIPTION BY AF		
JUB PROJ. #: 81:23-003 DRAWN BY: MWF DESIGN BY: MWF CHECKED BY: MWF I ONE INCH INCH INCH SIZE FOOT ONE INCH, SCALE ACCORDINGLY LAST UPDATED: 52:2023 SHEET NUMBER:	TROYER AVENUE LIFT STATION REPLACEMENT TOWN OF PALISADE			SYMBOL HORD AND ABBREVIATIONS					
INCH, SCALE ACCORDINGLY LAST UPDATED: 5/2/2023 SHEET NUMBER: G-004	JUB PROJ. #:81-2 DRAWN BY: MWR DESIGN BY: MW	:3-00 F	04 13 H ,	- 	NE				
	INCH, SCALE LAST UPDATED: 5 SHEET NUM	AC 6/2/2 //BE	123 ER:	4	NG	LY			





3+50

3+00

2+50

2+25

5+25

5+00

4+50

4+00

(JUB)

J-U-B ENGINEERS, INC.

J-U-B ENGINEERS, INC 305 S. Main Street Unit 6 Palisade, CO 81526

BID SET

HE SAMMIOS, AND THE SAME
HES PRIOR WRITTEN CONSENT.
SEMT BY JULB WILL BE AT CLIENT'S
FINE THE CALL EXPOSURE TO JULB.
FOR THE SAME TO T

TROYER AVENUE LIFT STATION REPLACEMENT TOWN OF PALISADE

PLAN AND PROFILE

J-U-B SHALL RETAIN ALL C OTHER RESERVED RIGHT: SHALL NOT BE REUSED W ANY REUSE WITHOUT WRI SOLE RISK AND WITHOUT!

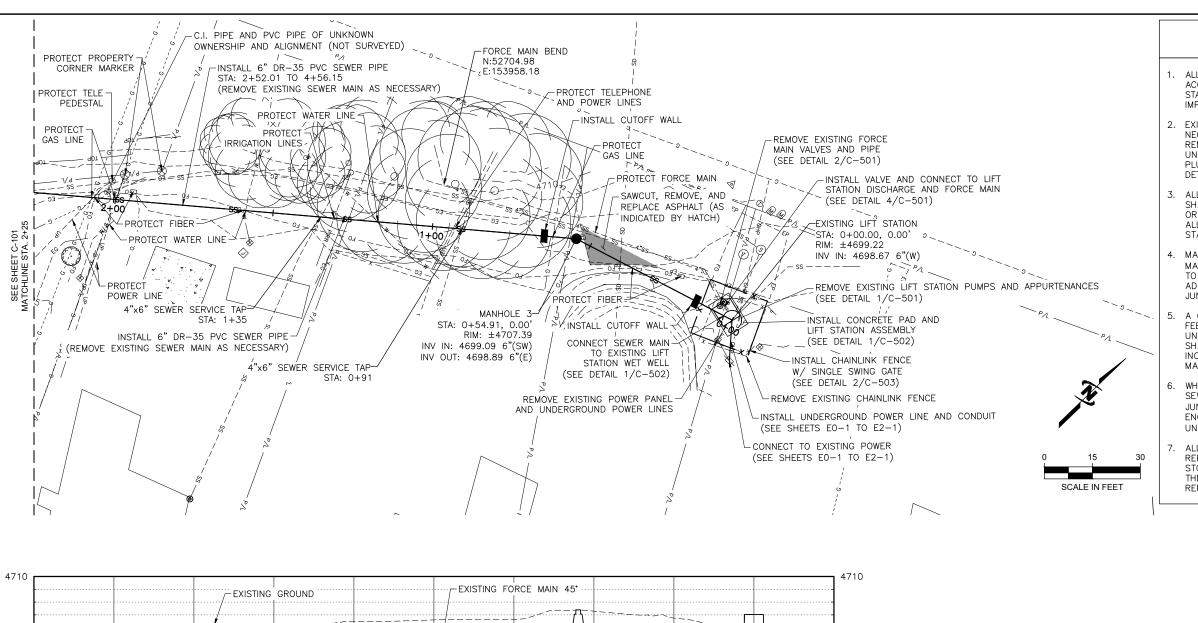
ILE: 81-23-003_C-10X
UB PROJ. #:81-23-003
PRAWN BY: MWF
DESIGN BY: MWF

DESIGN BY: MWF
CHECKED BY: MWF
ONE INCH

AT FULL SIZE, IF NOT ONE INCH, SCALE ACCORDINGLY

SHEET NUMBER:

C-101



EXISTING FORCE MAIN

-55 LF 6" PVC @ 0.40

0+50

4705

4700

4695

4690

4685

4680

-0+25

469 ADDI

9.22 INV IN: FOR A

0+00

4705

4700

4695

4690

4685

4680

2+25

2+00

EXISTING SEWER MAIN

179 LF 6" PVC @ 0.40%

1+50

1+00

CONSTRUCTION NOTES

- ALL CONSTRUCTION TO BE PERFORMED IN ACCORDANCE WITH THE CITY OF GRAND JUNCTION STANDARD CONTRACT DOCUMENTS FOR CAPITAL IMPROVEMENTS CONSTRUCTION
- 2. EXISTING SEWER MAIN SHALL BE REMOVED AS NECESSARY TO COMPLETE THE WORK, WHERE REMOVAL OF EXISTING SEWER MAIN BECOMES UNNECESSARY, PIPE SHALL BE ABANDONED BY PLUGGING REMAINING END WITH CONCRETE PER DETAIL 3 SHEET C-501.
- 3. ALL SERVICE LINE CONNECTIONS TO NEW MAIN SHALL BE ACCOMPLISHED WITH FULL BODY WYES OR TEES. TAPPING SADDLES WILL NOT BE ALLOWED. SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-06.
- MANHOLES SHALL BE SANITARY SEWER BASIC MANHOLES (48" I.D.) AND INCLUDE CONNECTION TO ADJACENT SEWER LINE, FORMING INVERTS, AND ADJUSTING TO FINAL GRADE. SEE CITY OF GRAND JUNCTION STANDARD DETAIL SS-02.
- A CLAY CUT-OFF WALL SHALL BE PLACED 10 FEET UPSTREAM FROM ALL NEW MANHOLES UNLESS OTHERWISE NOTED. THE CUT-OFF WALL SHALL EXTEND FROM 6 INCHES BELOW TO 6 INCHES ABOVE GRANULAR BACKFILL IMPORT MATERIAL APPROVED BY THE ENGINEER.
- WHERE SEWER CROSSES POTABLE WATER LINES, SEWER TO BE ENCASED PER CITY OF GRAND JUNCTION STANDARD DETAIL GU-04 (NOTE: ENCASEMENT NOT REQUIRED IF SEWER CROSSES UNDERNEATH WATER LINE BY GREATER THAN 18").
- ALL GROUND COVER MATERIAL SHALL BE REPLACED TO MATCH EXISTING. GRAVEL SHALL BE STOCKPILED AND RESET UPON COMPLETION OF THE WORK. DISTURBED GRASS SHALL BE REPLACED WITH SOD.

J-U-B ENGINEERS, INC. J-U-B ENGINEERS, INC 305 S. Main Street Unit 6 Palisade, CO 81526 **BID SET** J-U-B SP OTHER SHALL N ANY RE SOLE RI

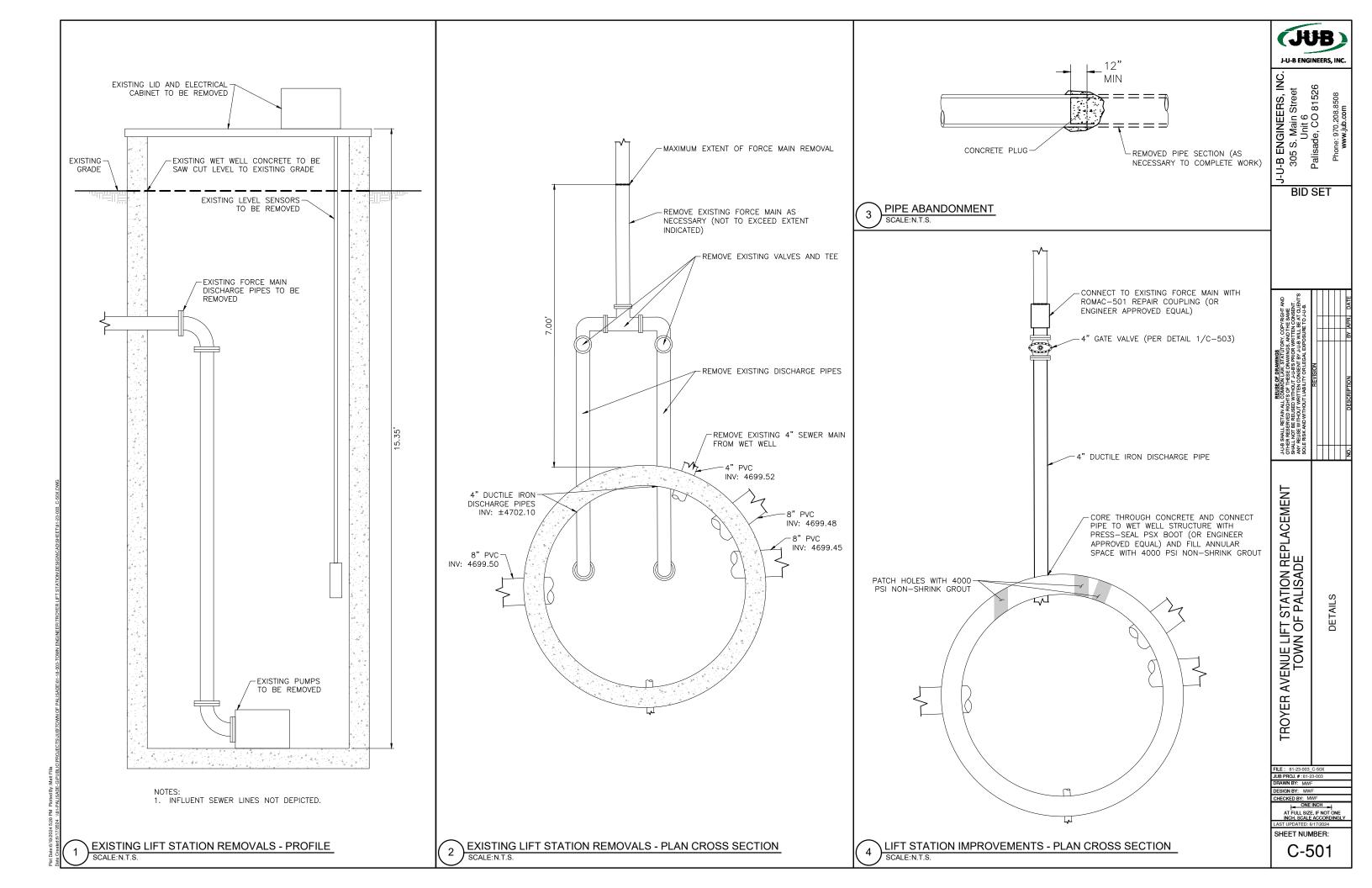
TROYER AVENUE LIFT STATION REPLACEMENT TOWN OF PALISADE

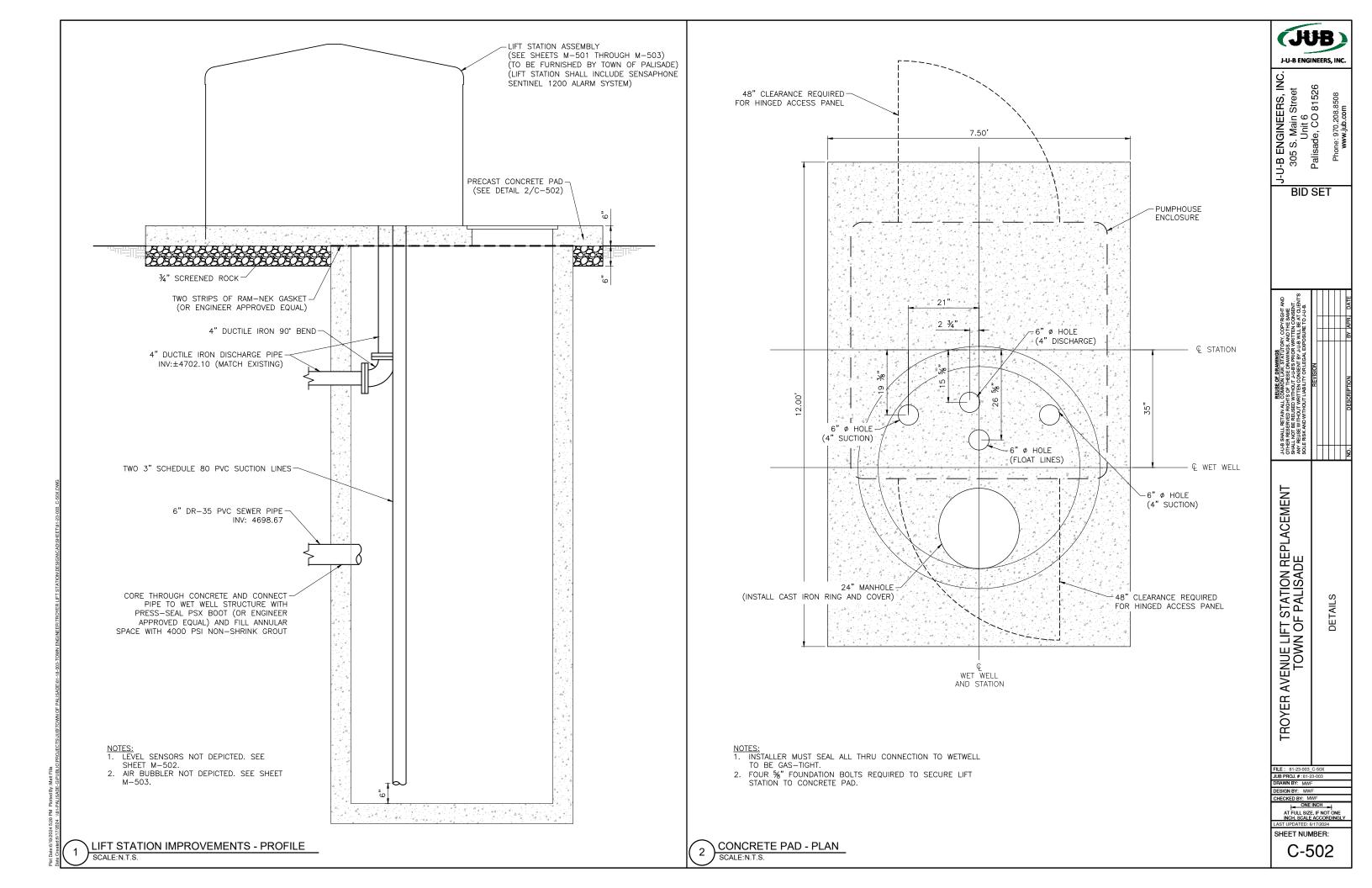
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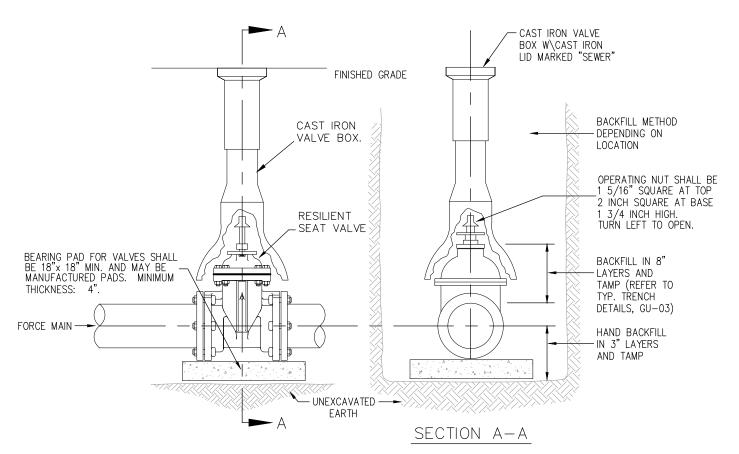
ONE INCH = AT FULL SIZE, IF NOT ON INCH, SCALE ACCORDING

SHEET NUMBER

C-102







ALL VALVES TO BE RESILIENT SEAT, EPOXY COATED INSIDE AND OUT CITY OF GRAND JUNCTION AND AWWA SPECS.

ALL VALVE BOXES TO BE OF CAST IRON CONSTRUCTION, TWO PIECE SLIDE CASING ADJUSTABLE DESIGN PER CITY OF GRAND JUNCTION SPECS.

ALL PACKING BOLTS AND VALVE BONNET BOLTS SHALL BE STAINLESS STEEL. ALL BOLTS FOR MECHANICAL JOINTS SHALL BE COR-BLUE OR APPROVED EQUAL. ALL BOLTS FOR FLANGE CONNECTIONS SHALL BE STAINLESS STEEL BOLTS COATED WITH ANTI-SEIZE.

VALVE BOX BASE IS NOT TO BE SUPPORTED BY THE VALVE BODY OR THE PIPE.

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BID SET

PAU-B SHALL RETAIN ALL COTHER RESERVED RIGHTS SHALL NOT BE REUSED WINTHOUT WEN SOIL FIRST AND THE PICK AND TH

VALVE BOX ASSEMBLY SCALE: N.T.S.

ALL FABRIC SHALL BE 6 FEET HIGH CHAIN LINK OF 2 INCH GALVANIZED MESH OF 9-GAUGE.

ALL STEEL PIPE MEMBERS SHALL CONFORM TO THE REQUIREMENTS OF A.S.T.M. DESIGNATION A-120, SCHEDULE 40, HOT DIPPED ZINC COATED STEEL PIPE.

ALL POSTS SHALL BE SET IN CONCRETE AND SHALL BE TOPPED WITH ABLL TYPE OR OTHER APPROVED ORNAMENT.

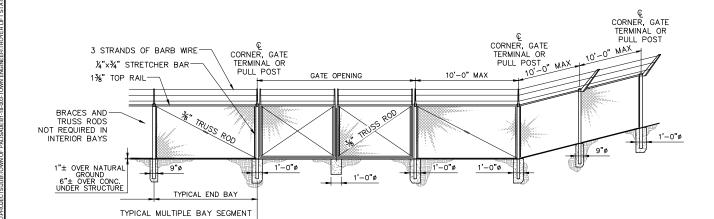
ALL END, CORNER OR PULL POST SHALL BE 9 FEET IN LENGTH WITH A MINIMUM DIAMETER OF 2½ INCHES. ALL LINE POSTS SHALL BE 8 FEET 8 INCHES IN

LENGTH WITH A MINIMUM DIAMETER OF 23 INCHES.
AT EACH LOCATION WHERE AN ELECTRIC TRANSMISSION, DISTRIBUTION, OR SECONDARY LINE CROSSES A FENCE, THE CONTRACTOR SHALL FURNISH AND INSTALL A GROUND CONFORMING TO ARTICLE 250 OF THE NATIONAL ELECTRIC CODE. A GROUND SHALL ALSO BE INSTALLED A MAXIMUM OF EVERY 500 FT.

ALONG THE FENCE. THE GROUND ROD SHALL BE A MINIMUM DIAMETER OF \$\frac{1}{2}\] IN. AND 8 FT. IN LENGTH, AND DRIVEN AT LEAST 7 \$\frac{1}{2}\] FT. INTO THE GROUND. THE

ROD SHALL BE CONNECTED TO EACH WIRE WITH A MINIMUM AWG NO. 8 STRANDED COPPER WIRE. GROUNDING WILL NOT BE PAID FOR SEPARATELY BUT SHALL

BE INCLUDED IN THE COST OF THE FENCE.



	DED.T	LENGTH		SIZE	OF POSTS	
HEIGHT OF FABRIC	OF	OF END, CORNER OR PULL POSTS	DENGTH OF LINE POSTS	END, CORNER AND PULL PIPE OPTION	LINE POST (MIN. SIZE) PIPE OPTION	GATE POSTS
6'	3'+	9'+	8'-8"	2%"	2%"	2%"

	GATES				
	GATE POSTS AND GATE FRAMES				
HEIGHT	GATE OPENING				
	SINGLE TO 6' OR DOUBLE TO 12'	2%"			
6 FEET	SINGLE OVER 6' TO 13' OR DOUBLE OVER 12' TO 24'	4"	1%"		
OVER	SINGLE OVER 13' TO 18' OR DOUBLE OVER 24' TO 36'	8%"	1 78		
STEIN	SINGLE OVER 18' OR DOUBLE OVER 36'	8%"			

CATEC

TREE ROOT PROTECTION

TRENCHING SHALL BE KEPT TO MINIMUM EXTENT POSSIBLE WITHIN TREE DRIPLINE ZONE.

EXCAVATED SOIL SHALL BE STORED ON THE OPPOSITE SIDE OF THE TRENCH FROM THE TREE. ROOTS 2" Ø OR LARGER THAT CAN NOT BE AVOIDED SHALL BE SAW CUT PERPENDICULAR TO DIRECTION OF GROWTH. WHEN ROOTS 2" Ø OR LARGER ARE ACCIDENTALLY BROKEN, DIG OUT ENOUGH OF THE TRENCH SIDE TO SAW THROUGH AN UNDAMAGED PORTION OF THE ROOT

IN TRENCHES WHERE ROOTS HAVE BEEN CUT, KEEP ALL ROOT ENDS MOIST WITH WET BURLAP AND BACKFILL AS SOON AS POSSIBLE.
WHEN COMPACTING BACKFILL, DO NOT EXCEED ORIGINAL FIRMNESS.
BACKFILL SHALL BE WATERED IMMEDIATELY AFTER PLACEMENT.

FURTHER SOIL COMPACTION SHALL BE PREVENTED BY MINIMIZING HEAVY EQUIPMENT TRAFFIC AND EXCESSIVE FOOT TRAFFIC WITHIN DRIPLINE ZONE. METHODS OF LIMITING COMPACTION INCLUDE THE "MULCH METHOD" (PLACING 4" TO 12" OF WOOD CHIPS) OR THE "BRIDGE METHOD" (PLACING RAILROAD TIES IN A RADIAL ORIENTATION AROUND TREE AND COVERING WITH STEEL PLATES), AND SHALL BE REMOVED AFTER WORK IS COMPLETE.

TROYER AVENUE LIFT STATION REPLACEMENT TOWN OF PALISADE

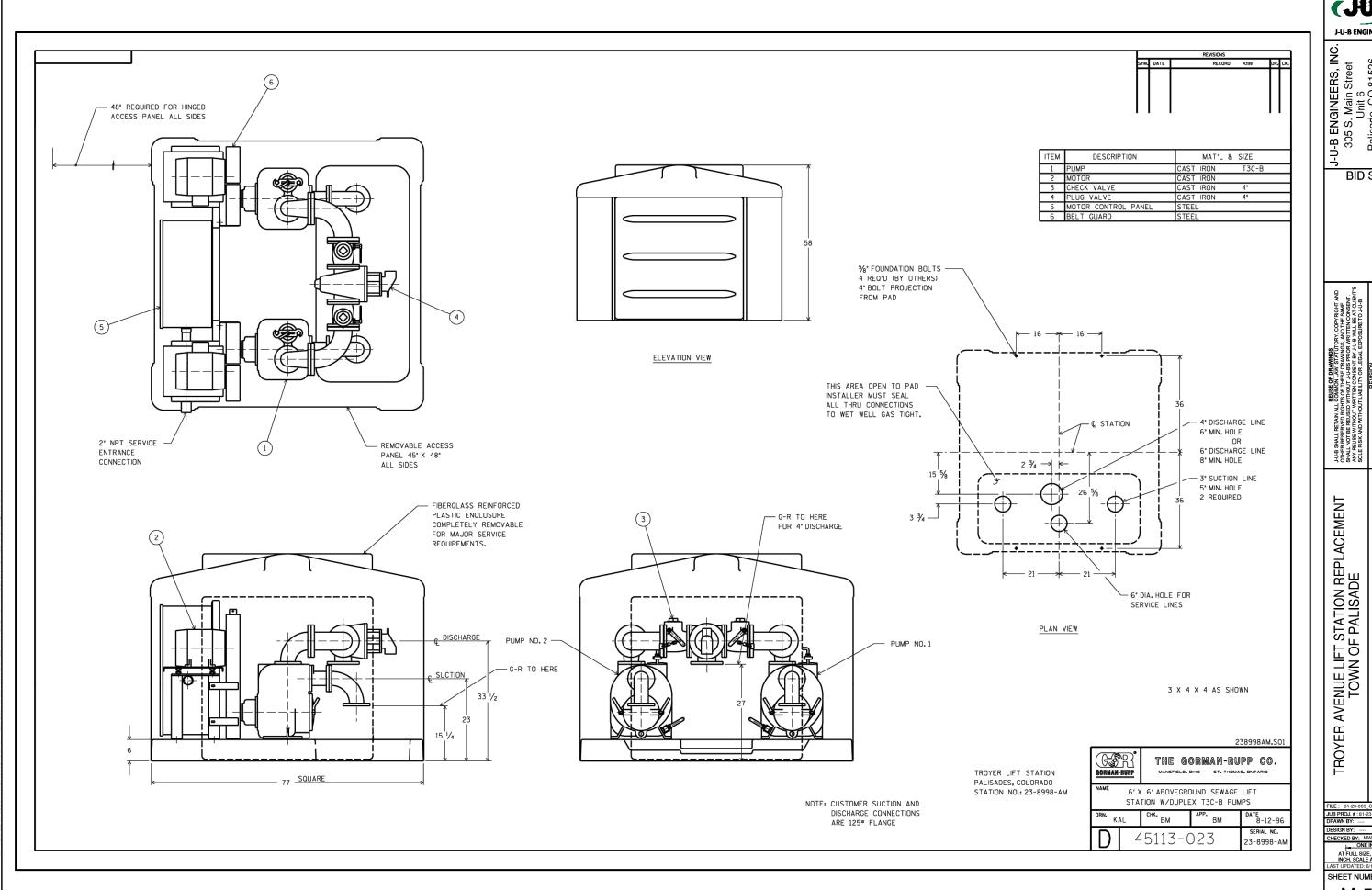
DRAWN BY: MWF DESIGN BY: MW HECKED BY: MW

ONE INCH = |
AT FULL SIZE, IF NOT ONE
INCH, SCALE ACCORDING

SHEET NUMBER

C-503

SECURITY FENCE SCALE: N.T.S



J-U-B ENGINEERS, INC.

J-U-B ENGINEERS, INC 305 S. Main Street Unit 6 Palisade, CO 81526

BID SET

J-J-B SHALL RETAIN ALL OTHER RESERVED RIGHTS SHALL NOT BE REUSED WAN REUSE WITHOUT WRISK AND WITHOUT

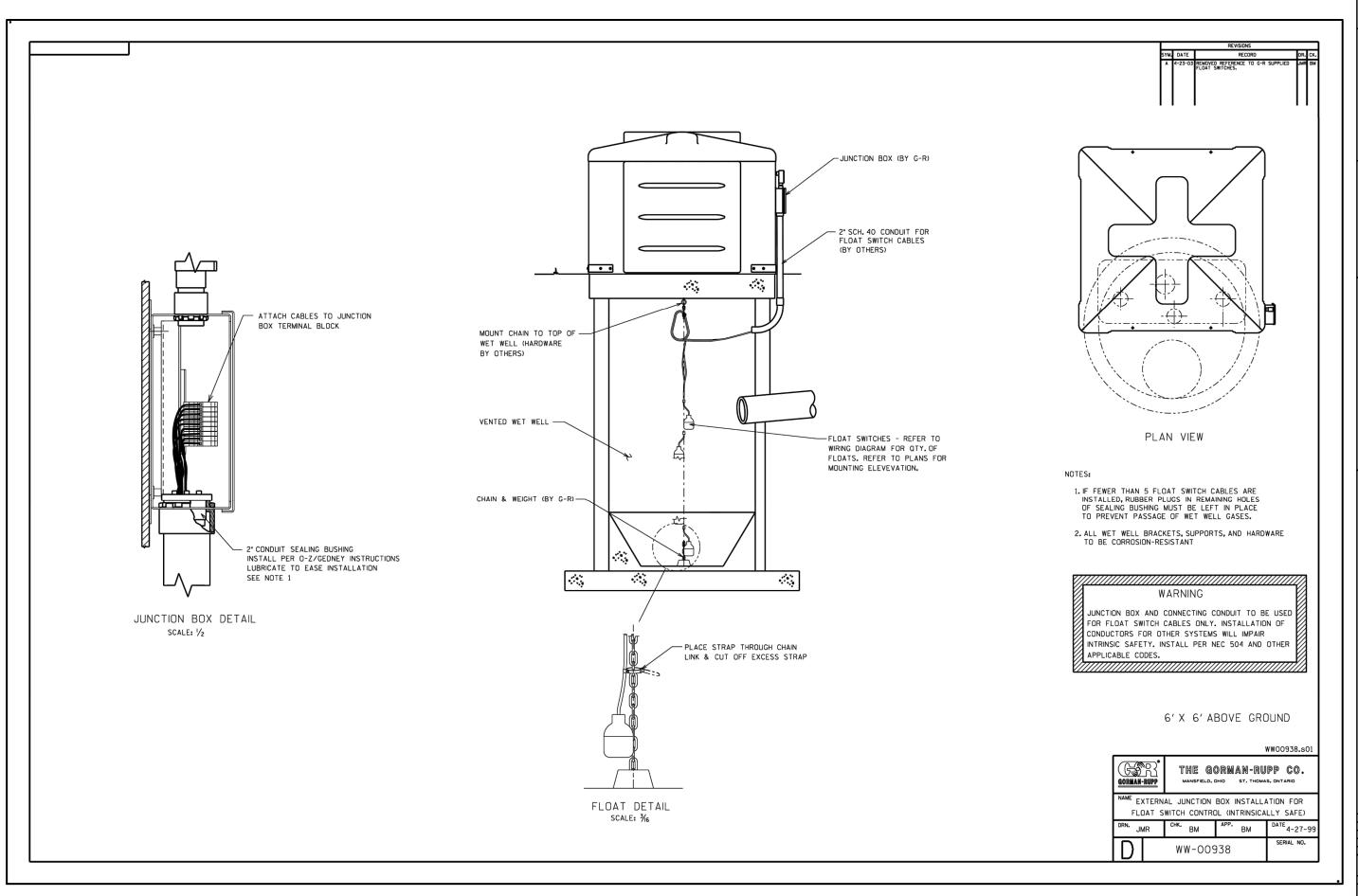
TROYER AVENUE LIFT STATION REPLACEMENT TOWN OF PALISADE

LIFT STATION

DESIGN BY:

SHEET NUMBER:

M-501



J-U-B ENGINEERS, INC.

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BID SET

J-J-B SHALL RETAIN ALL OTHER RESERVED RIGHTS SHALL NOT BE REUSED WAN REUSE WITHOUT WRISK AND WITHOUT

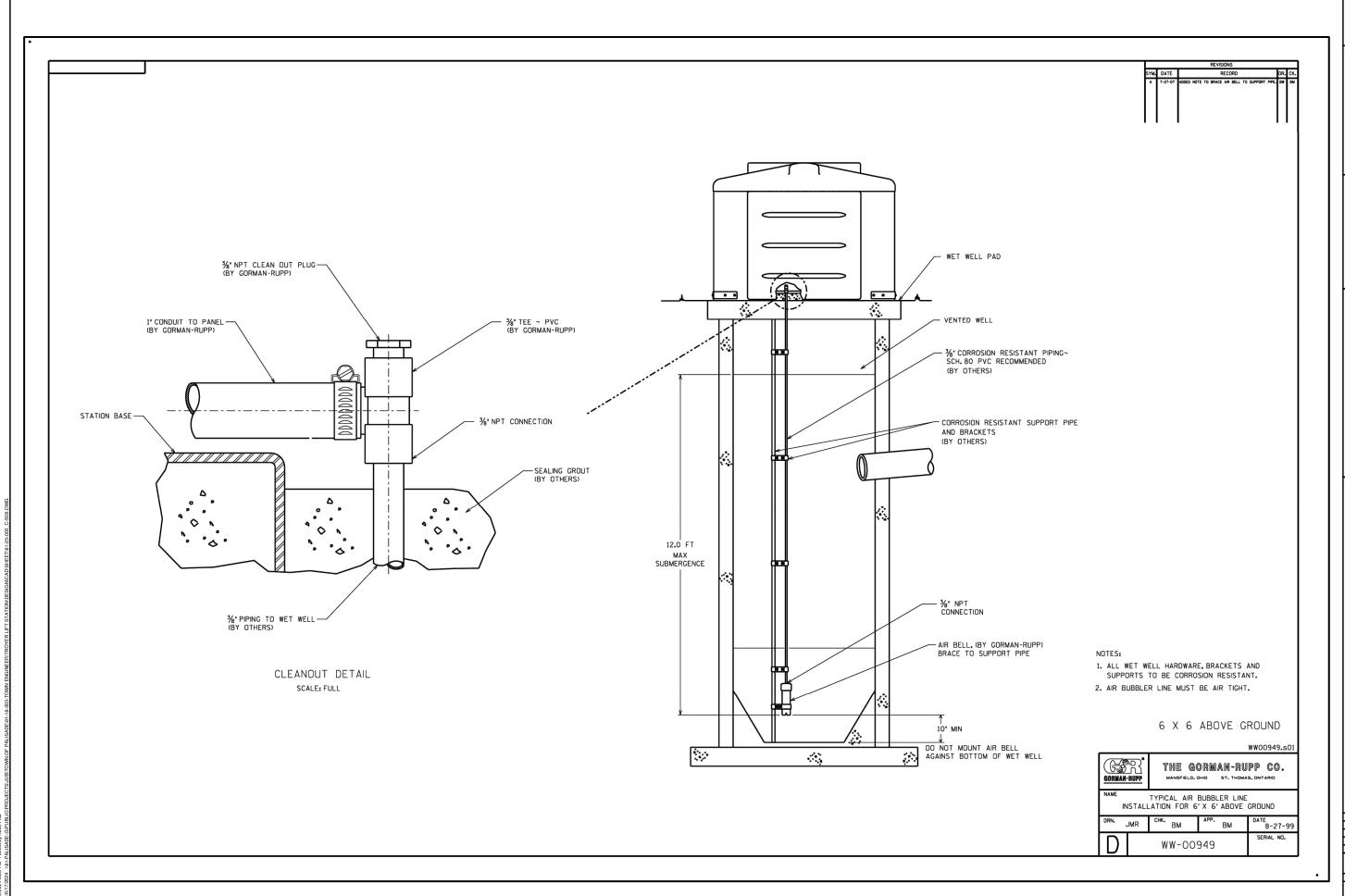
TROYER AVENUE LIFT STATION REPLACEMENT TOWN OF PALISADE

LIFT STATION

JUB PROJ. #:81-23-DRAWN BY: ----DESIGN BY:

SHEET NUMBER:

M-502



J-U-B ENGINEERS, INC.

J-U-B ENGINEERS, INC 305 S. Main Street Unit 6 Palisade, CO 81526

BID SET

REUSE OF DRAWINGS
JUB SHALL RETAIN ALL COMMON LAW, STATITORY, COPYRIGHT
OFFIER RESPECT BIGHTS OF THESE DRAWINGS, AND THE SAME
SHALL NOT BE REUSED WITHOUT FLUES PRIOR WEITHEN CONSENT
SOLE SISK AND WITHOUT WHITHOUT WEITH OW

TROYER AVENUE LIFT STATION REPLACEMENT TOWN OF PALISADE LIFT STATION

JUB PROJ. # : 81-23-0 DRAWN BY: ----DESIGN BY:

SHEET NUMBER:

M-503



	COMMUNICATION LEGEND
9	
¥	CLOCK ONLY
90	CLOCK / PA SPEAKER WALL MOUNTED
s	ROUND CEILING MOUNTED SPEAKER
S	SQUARE SPEAKER
HC.	INTERCOM PUSH TO CALL SWITCH
WAP	WIRELESS ACCESS POINT ABOVE THE CEILING
ROJECTOR	ABOVE THE CEILING PROJECTOR CONNECTION
ПНОМІ	WALL MOUNTED HDMI
∇	PLAIN DATA OUTLET
∑ 80°	PLAIN DATA OUTLET WITH MOUNTING HEIGHT
4	COMBINATION DATA/TELEPHONE
V	FLOOR MOUNTED COMBINATION DATA/TELEPHONE
©	CEILING MOUNTED COMBINATION DATA/TELEPHONE
$\stackrel{\leftarrow}{\leftarrow}$	TELEVISION OUTLET



THE PLI PROJECT OCCUR VARIATI A NUME AN UPP LOWER AN UPP REFER	I.S. SHOWN ARE STANDARD VARIATION AND/OB COMBINATIONS MAY BE USED ON NMS. THIS LIST SHOWS STANDARD SYMBOLS AND ALL MAY NOT APPEAR ON THE OT DRAWNOS; HOWEVER, WHEREVER THE SYMBOL ON THE PROJECT DRAWNINGS. THE TEM SHALL BE PROVIDED AND INSTALLED. ION AND/OR COMBINATION MAY BE USED ON THE PLANS. ER NAST OF A RECEPTACLE OR DEVICE INDICATES A CIRCUIT NUMBER. ER CASE LETTER NEXT TO A SWITCH INDICATES THE FUNCTION OF THE SWITCH. A CASE LETTER NIDICATES THE SWITCH CIRCUIT. ER CASE LETTER NIDICATES THE SWITCH CIRCUIT. ER CASE LUTTER NIDICATES THE SWITCH CORRESPONDS TO THE SWITCH DESIGNATION. A LOWER CASE NEXT TO A LIGHT CORRESPONDS TO THE SWITCH DESIGNATION.		◇ É 'S	BRANCH CIRCUIT PANELBOARD TELEPHONE TERMINAL BOARD ELECTRIC MOTOR FUSED SAFETY SWITCH / DISCONNECT COMBINATION MOTOR STARTER CONTACTOR CIRCUITRY HOMERUN: PANEL LA - CIR. #7 CONDUIT OR WIRE CONCEALED IN WALLOLG, (SOLID LINE TYPE) CONDUIT OR WIRE UNDERFLOOR/UNDERGAD, (CENTER LINE TYPE)
		1		MAIN DISTRIBUTION GEAR
	SWITCHES		60	CIRCUIT BREAKER IN A PANEL BOARD
\$ \$ ₂	SINGLE POLE SWITCH TWO POLE SWITCH		3 8	PAD MOUNTED UTILITY TRANSFORMER
\$ ₃ \$ ₄ \$ ₀	THREE-WAY SWITCH FOUR-WAY SWITCH DIMMER SWITCH		0 100 A 2 POLE	FUSED DISCONNECT 100A = AMP RATING 2P = NUMBER OF POLES
\$ _{3D}	3 WAY DIMMER SWITCH - (4D INDICATES A 4WAY DIMMER)		FUSED DISCON	NECT
\$DR \$MA	DOOR ACTIVATED SWITCH WALL MOUNTED DUAL TECHNOLOGY MANUAL ON / AUTO OFF VACANCY SENSOR SWITCH		M	ELECTRICAL METER SHOWN ON ONE-LINE DIAGRAMS
\$ _{LV}	LOW VOLTAGE LIGHT SWITCH		l	
\$ _{TO}	MANUAL MOTOR STARTER		り F	ELECTRICAL POWER PANEL WITH MAIN LUG OR MAIN BREAKER
\$ ₀	PILOT LIGHT SWITCH			PP1= PANEL NAME 225A MLO = MAIN LUG OR BREAKER SIZE
\$ _{OS}	AUTO ON / AUTO OFF LIGHT SWITCH			120/208V = PANEL VOLTAGE
\$мо	DUAL TECHNOLOGY MOTION / OCCUPANCY SENSOR LIGHT SWITCH		نا لنا إ	3PH, 4 WIRE = PANEL PHASE, DISTRIBUTION TYPE
\$D MA	MANUAL ON / AUTO OFF DIMMING LIGHT SWITCH			P1
\$ _K	KEY OPERATED LIGHT SWITCH		225A MCB 225A 120/208V 120/	

		5 4 4 4
		₩##
	⊕ #	ABBREN AC GF AC USB AF AF USB AF GF D USB EM RED CO GF GF WP PL 72"
		①

WALL BRACKET LINEAR FIXTURE

A 🚣 WALL MOUNTED SCONCE LIGHT FIXTURE

EM () WALL MOUNTED EMERGENCY LIGHT

EMR 🖁 EMERGENCY EXTERIOR EGRESS FIXTURE

A - O- SURFACE CEILING OR PENDANT MOUNTED FIXTURE

EX2 DOUBLE FACE EXIT SIGN, WALL AND CEILING MOUNTED

EX1 (CI) SINGLE FACE EXIT SIGN, WALL AND CEILING MOUNTED

- ALL ELECTRICAL WORK TO COMPLY WITH LATEST EDITION OF NEC, IECC AND ALL APPLICABLE GOVERNING CODES.
 FIELD CORDINATION DURING CONSTRUCTION IS IMPERATIVE. CONTRACTORS BIDDING THIS WORK MUST MAKE REASONABLE ALLOWANCES FOR UNFORESEEN CONTINCENCIES.
- ELECTRIC UTILITY TO ADVISE OWNER AND/OR THE ELECTRICAL ENGINEER PRIOR TO SERVICE MODIFICATION REQUIRING COST TO THE OWNER.

LIGHTING LEGEND

(MA) (MA) CELLING MOUNTED DUAL TECHNOLOGY MANUAL ON / AUTO OFF VACANCY SENSOR
(DS) (CS) CELING MOUNTED DAYLIGHT HARVESTING SENSOR

(0S)(0S) CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR SWITCH

LIGHT FIXTURES

A 1'x4' LED TROFFER OR DIRECT/INDIRECT TYPE FIXTURE GRID, FLANGE OR SURFACE MOUNTED

A 2'x4' LED TROFFER OR DIRECT/INDIRECT TYPE FIXTURE GRID, FLANGE OR SURFACE MOUNTED

A 2'x2' LED TROFFER OR DIRECT/INDIRECT TYPE FIXTURE GRID, FLANGE OR SURFACE MOUNTED

\$SC SCENE CONTROL STATION
\$MS UNIT LIGHTING MANAGEMENT CONTROL STATION,

MANUAL ON - TIMED OFF LIGHT SWITCH

- WIRING:

 1. ALL WIRING IS SHOWN DIAGRAMMATICALLY ON DRAWING, FIELD VERIFY ALL CONDITIONS PRIOR
 TO ROUGH-IN.
- ALL CONDUITS AND CONVEYANCES SHALL BE CONCEALED. IN THE EVENT THAT A NEW DEVICE IS
 BEING INSTALLED IN AN EXISTING DRIVAUL PARTITION, PROVIDE A CUT IN TYPE BOX AND FISH
 FLEXBIE ECONDUIT DOWN INSIDE THE WALL FROM ABOVE THE CEILING AND REPAIR THE DRIVAUL
 AROUND THE CONDUIT. TRANSITION TO EMT ONCE ABOVE THE CEILING.
- SIZES OF WIRE AND CABLES ARE BASED UPON COPPER CONDUCTORS, UNLESS OTHERWISE INDICATED. ALL CIRCUITS SHALL CONTAIN (2) #12 AWG WITH (1) #12 GND IN 1/2" CONDUIT UNLESS NOTED OTHERWISE.
- ONLESS NOTED OTHERWISE.

 4. ALL BRANCH CIRCUITS WITH HOME RUNS OVER 50 FEET, WILL BE SIZED ONE SIZE LARGER.

 5. ALL PENETRATIONS IN OR THROUGH FIRE RATED PARTITIONS SHALL BE FIRE STOPPED IN SUCH A WAY THAT THE PENETRATION MATCHES THE FIRE RATING OF THE WALL.
- THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ALL COORDINATION BETWEEN THE APPROPRIATE DISCIPLINES AND CONTRACTORS.
- COORDINATE ALL DEVICE, FIXTURE AND HARDWARE COLOR SELECTIONS WITH THE ARCHITECT PRIOR TO MAKING SHOP DRAWING SUBMITTALS.
- COORDINATE THE MOUNTING HEIGHTS OF ALL RECEPTACLES MOUNTED ABOVE COUNTERS, CASEWORK AND APPLIANCE RECEPTACLES WITH ARCHITECTURAL ELEVATIONS.
- BRANCH CIRCUIT AND SPECIAL SYSTEMS WIRING FOR DEVICES ON WALLS IN FINISHED AREAS WHICH CANNOT BE CONCEALED SHALL BE INSTALLED IN SURFACE MOUNTED RACEWAY.
- 10. ALL EXPOSED CONDUITS, BOXES, ETC. IN ROOMS TO BE PAINTED SHALL BE PAINTED TO MATCH THE SURROLINDING SURFACE. EXPOSED CONDUITS, BOXES, ETC. IN ROOMS WHICH ARE NOT PAINTED MAY BE LET UN-PAINTED. DEPOSED CONDUIT, BOXES, ETC. ON THE EXTERIOR OF BUILDINGS SHALL BE PAINTED TO MATCH THE SURROUNDING SURFACE AS CLOSELY AS POSSIBLE.
- 11. THE CONTRACTOR IS RESPONSIBLE FOR PATCHING, PAINTING, REPAIRING OR REPLACEMENT OF ALL WALLS, CEILING OR OTHER BUILDING ELEMENTS WHICH ARE DISTURBED AS PART OF THE DEMOLITION AND/OR INSTALLATION OF ELECTRICAL WORK.
- DEMOLITION AND/OR INSTALLATION OF ELECTRICAL WORK.

 J. PROUDE ELECTRICAL CONNECTION TO ALL FIRE, SMOKE, AND FIRE / SMOKE DAMPERS INCLUDING POWER AND FIRE ALARM. VERIFY EXACT SEZ AND FINAL LOCATION OF ALL DAMPERS WITH THE MECHANICAL CONTRACTOR. ALL ROOFTOP UNITS RATED AT MORE THAN 2000 CEFA WILL BE OUTHITED WITH A DUCT DETECTOR IN THE RETURN DUCT. ALL ROOFTOP UNITS RATED AT MORE DAY DOLD CHANNEL BY A DUCT AT ROOFTOP LEVEL AND IN THE RETURN DUCT. AT ROOFTOP LEVEL AND IN THE RETURN DUCT AT ROOFTOP LEVEL AND IN THE RETURN DUCT AT EVER FUEL THAT IS SERVED. ELECTRICAL CONTRACTOR WILL PROVIDE A REMOTE TEST STATION AND ALL WIRNING NECESSARY TO COMPLETE INSTALLATION.
- 13. REFER TO THE MECHANICAL EQUIPMENT SCHEDULE FOR ADDITIONAL REQUIREMENTS ASSOCIATED WITH PLUMBING AND HVAC EQUIPMENT AND OWNER/GENERAL CONTRA-

_	BRANCH CIRCUIT PANELBOARD
	TELEPHONE TERMINAL BOARD
0	ELECTRIC MOTOR
Ē	FUSED SAFETY SWITCH / DISCONNECT COMBINATION
-⊠	MOTOR STARTER
	CONTACTOR
LA-7	CIRCUITRY HOMERUN: PANEL LA - CIR. #7
	CONDUIT OR WIRE CONCEALED IN WALL/CLG. (SOLID LINE TYPE)
	CONDUIT OR WIRE UNDERFLOOR/UNDERGND. (CENTER LINE TYPE)
	MAIN DISTRIBUTION GEAR
6	CIRCUIT BREAKER IN A PANEL BOARD
3 8	PAD MOUNTED UTILITY TRANSFORMER
100 A 2 POLE FUSED DISCON	FUSED DISCONNECT 100A = AMP RATING 2P = NUMBER OF POLES NECT
M	ELECTRICAL METER SHOWN ON ONE-LINE DIAGRAMS
\$	ELECTRICAL FOWER PANEL WITH MAIN LUG OR MAIN BREAKER PP1= PANEL PANEL 228 ALC 9 - MAIN LUG OR BREAKER SIZE 1202089 - PANEL VOLTAGE 3PH, 4 WIRE = PANEL PHASE, DISTRIBUTION TYPE
225A MCB 225A 120/208V 120/	
	ELECTRICAL DEVICE LEGEND

ELECTRICAL EQUIPMENT LEGEND

		ELECTRICAL DEVICE LEGEND
	0	CEILING JUNCTION BOX - SURFACE/FLUSH
	ŒН	WALL JUNCTION BOX - SURFACE/FLUSH
	⇔	DUPLEX RECEPTACLE
	Φ	FLOOR MOUNTED RECEPTACLE
	<u>=</u>	SPLIT WIRED DUPLEX RECEPTACLE
		CEILING MOUNTED DUPLEX RECEPTACLE
	•	FLOOR MOUNTED FOURPLEX RECEPTAGLE
	₩	APPLIANCE RECEPTACLE - 3 WIRE
	\Rightarrow	DUPLEX RECEPTACLE
	#	FOURPLEX RECEPTACLE
⊕ ₩	AC AC GF AC USB AF AF USB AF GF D USB EM	ARC FAULT PROTECTED

ROOM ROOM DESIGNATION

- COORDINATE THE LOCATION OF ALL LIGHTING EQUIPMENT INCLUDING BUT NOT LIMITED TO THE LUMINARIES, SWITCHES WITH THE ARCHITECTURAL, STRUCTURAL AND MECHANICAL DRAWNINGS AND ALL OTHER TRADES AS REQUIRED. REFER TO THE ARCHITECTURAL REFLECTED CEIUNG PLANS FOR DIMENSIONAL LOCATION OF LIGHT FIXTURES.
- 2. LIGHTING FIXTURES SHALL BE SUPPORTED FROM THE STRUCTURE ABOVE AND SHALL NOT BE SUPPORTED FROM THE T-BAR CEILING GRID.

- VERIFY LUMINAIRE MOUNTING REQUIREMENTS AND OVERALL HEIGHT OF ALL PENDANT MOUNTED FIXTURES PRIOR TO ORDERING.
 ALL LIGHT EXTURES NEED TO BE COMPATIBLE WITH THE SWITCHES AND CONTROLS BEING PROVIDED.
- - TROUBLISH.

 THE LIGHTING PACKAGE SHALL BE APPROVED BY BOTH THE ARCHITECT AND ENGINEER AS APPROVED EQUIAL BEFORE BID. NO LIGHT FATURE SHALL BE ORDERED UNTIL THE LIGHT FATURE SUBMITITLA PACKAGE HAS BEEN APPROVED IN WRITING BY THE ARCHITECT, GENERAL CONTRACTOR AND ELECTRICAL ENGINEER.
- 7. COORDINATE LUMINAIRE MOUNTING REQUIREMENTS PRIOR TO PLACING ORDER.

RESPONSIBLE DIVISION:

ITEM	FURNISHED	SET	POWER WIRED	CONTROL WIRED
EQUIPMENT	23	23	26	-
COMBINATION MAGNETIC MOTOR STARTERS, MAGNETIC MOTOR STARTERS, VFD'S AND CONTACTORS	23(1)	26	26(2)	23
FUSED AND UNFUSED DISCONNECT SWITCHES, THERMAL OVERLOAD SWITCHES AND HEATERS, MANUAL MOTOR STARTFRS	26	26	26	
MANUAL-OPERATING AND MULTI-SPEED SWITCHES	23	26	26	26
CONTROLS, RELAYS, TRANSFORMERS	23	23	26	23
THERMOSTATS (LOW VOLTAGE) AND TIME SWITCHES	23	23	26	23
THERMOSTATS (LINE VOLTAGE)	23	23	26	26
TEMPERATURE CONTROL PANELS	23	23	26	23
MOTOR AND SOLENOID VALVES, DAMPER MOTORS, PE & EP SWITCHES	23	23(2)	_	23(2)
PUSH-BUTTON STATIONS AND PILOT LIGHTS	23	23(2)	_	23(2)
HEATING, COOLING, VENTILATION AND AIR CONDITIONING CONTROLS	23	23	26	23
EXHAUST FAN SWITCHES	23	26	26	23(2)

UNLESS OTHERWISE INDICATED ALL HEATING, VENTILATING, AIR CONDITIONING, PLUMBING

44" MOUNTING HEIGHT ABOVE FINISHED FLOOR TO CENTER OF DEVICE

ABBREVIATIONS:

AAV AIR ADMITTANCE VALVE

AD AREA DRAIN (SEE SYMBOLS)

A.F.C. ABOVE FINISHED CEILING

A F.G. ABOVE FINISHED GRADI

AFCI ARC FAULT CIRCUIT INTERRUPTERS

AHU AIR HANDLING UNIT

ALUM ALUMINUM

AV AUDIO / VIDEO

AVG AVERAGE

BLDG BUILDING

BSMT BASEMENT

BOB BOTTOM OF BEAM
BOD BOTTOM OF DUCT
BOP BOTTOM OF PIPE

BTU BRITISH THERMAL UNIT CHILLER

CIRCUIT BREAKER

CCT CORRELATED COLOR TEMPERATURE

CFM CUBIC FEET PER MINUTE

CHWR CHILLED WATER RETURN

CHWS CHILLED WATER SUPPLY

CMU CONCRETE MASONRY UNIT

CAST IRON

CL CENTER LINE
CLG CEILING

CO CLEAN OUT

COMP COMPRESSOR

CONC CONCRETE
COND CONDENSATE

CONN CONNECTION CONT CONTINUATION

CU COPPER

CONTR CONTRACTOR

CRI COLOR RENDERING INDEX

CUH CABINET UNIT HEATER

DEPT DEPARTMENT
DF DRINKING FOUNTAIN

CVB CONSTANT VOLUME BOX
CWR CONDENSER WATER RETURN

CWS CONDENSER WATER SUPPLY DB DRY BULB

COLOR RENDERING INDEX COOLING TOWER CURRENT TRANSFORMER CONDENSING UNIT

COL COLUMN

COMBINATION ARC FAU CIRCUIT INTERRUPTERS

BLW BELOW

A.F.F. ABOVE FINISHED FLOOR

AWG AMERICAN WIRE GAGE

BAS BUILDING AUTOMATION S
BB BASEBOARD
BD BACK DRAFT DAMPER

BFP BACK FLOW PREVENTOR BOILER

AP ACCESS PANEL OR DOOR
ATS AUTOMATIC TRANSFER SWITCH

ABV ABOVE
AC AIR CONDITIONING U
AC ABOVE COUNTER

AMPS A.D. ACCESS DOOR

SUBSCRIPT FOOTNOTES:

1. MOTOR STARTER TO INCLUDE CONTROL TRANSFORMER, HOA SWITCH, (1) NO AND (1)NC AUXILIARY CONTACT, AND "ON" AND "OFF" PILOT LIGHTS.

IF ITEM IS FOR LINE VOLTAGE, SET IN PLACE AND CONNECT UNDER DIVISION 26. WHERE
FACTORY MOUNTED ON EQUIPMENT OR ATTACHED TO PIPING OR DUCTS AND USING LINE
VOLTAGE FURNISH AND SET UNDER DIVISION 23. CONNECT UNDER DIVISION 25.

DIA DIAMETER
DIAG DIAGRAM
DIFF DIFFERENTIAL

DIFF DIFFERENTIAL
DISCH DISCHARGE

DOWN

DIVISION

DUCT SILENCER

ECCENTRIC EXHAUST FAN

EFFICIENCY

ELEVATION

/ ELEVATOR

EMT ELECTRIC METALLIC TUBE

EQUIP EQUIPMENT
ES END SWITCH
ESP EXTERNAL STATIC PRESSURE
ET EXPANSION TANK

EWC ELECTRIC WATER COOLER

EXTERNAL DEGREES FAHRENHEIT

EWT ENTERING WATER TEMPERATURE

EXPAN EXPANSION

FREE AREA FAN COIL UNIT

FOOTCANDLE

FIRE DAMPER

FLOOR DRAIN

FLEX FLEXIBLE

FOB FLAT ON BOTTOM

FPM FEET PER MINUTE

FPS FEET PER SECOND

FLOW SWITCH

FIRE/SMOKE DAMPER

GFCI / GFI GROUND FAULT CIRCUIT INTERRUPTER

GC GENERAL CONTRACTOR

GPH GALLONS PER HOUR

H 20 WATER HB HOSE BIBB

GPM GALLONS PER MINUTE

GRS/LB GRAINS PER POUNI

HD HEAD (SEE SCHEDULES)
HP HEAT PUMP

FLAT ON TOP FIRE PROTECTION FIRE PUMP

FLR FLOOR

GA GAUGE

GAL GALLON

FCV FLOW CONTROL VALVE

EX EXHAUST

ELEC ELECTRIC

EQUAL

FOUR FOURMENT

EXHAUST AIR GRILLE/REGISTER

ENTERING AIR TEMPERATURE

FLECTRICAL CONTRACTOR

SUBSTITUTIONS:

HP HORSEPOWER

INCHES

JBOX JUNCTION BOX

K KELVIN
KW KILOWATT
KVA KILO VOLT - AMPS

LB POUND

LD LINEAR DIFFUSER

LF LINEAR FEET

LAT LEAVING AIR TEMPERATURE

LUMEN
LOCKED ROTOR AMPS
LOUVER
LEAVING

LWT LEAVING WATER TEMPERATURE

MC MECHANICAL CONTRACTOR

MCA MINIMUM CIRCUIT AMPACITY
MCB MAIN CIRCUIT BREAKER
MD MOTORIZED DAMPER

MDP MAIN DISTRIBUTION PANEL

MOCP MAXIMUM OVERCURRENT PROTECTION

MED MEDIUM

MFR MANUFACTURER

MIN MINIMUM MISC MISCELLANEOUS

MLO MAIN LUG ONLY

MTD MOUNTED
MUA MAKE-UP AIR UNIT

NC NORMALLY CLOSED

NIC NOT IN CONTRACT

NL NIGHT / SECURITY LIGHT - DO

NOT SWITCH

NOT SWITCH
NO NORMALLY OPEN
NOM NOMINAL
NTS NOT TO SCALE
OA OUTSIDE AIR
OBD OPPOSED BLADE DAMPER

OCP OVER CURRENT PROTECTION

PARALLEL BLADE DAMPER PD PRESSURE DROP
PH PHASE
POS POSITIVE PRESSURE

PRV PRESSURE REDUCING VALVE

OUTSIDE DIAMETER

ORD OVERFLOW ROOF DRAIN

OVERLOAD

OUNCE

POS POINT OF SALES

NEUTRAL

NEG NEGATIVE

OC ON CENTER

OCC OCCUPIED

MBH THOUSANDS OF BTU PER HOUR

LENGTH

LV LAVATORY

LIN LINEAR

HO HOUR

INVERT

HWR HEATING WATER RETURN

HWS HEATING WATER SUPPLY

HEAT EXCHANGER HERTZ

HR HOUR

HT HEIGHT HTR HEATER

A SUBSTITUTIONS SUBSTITUTION OF SPECIFIED EQUIPMENT WILL BE ALLOW THROUGH A PRIOR ASPROVAL PROCESS WINTEED BY THE CONTRACTOR. PRIOR TO BID FOR ASPROVAL FROM ENGINEER SWEMTTAL SHALL INCLUDE CAPACITIES, DIMENSIONS AND OPERATING INSTRUCTIONS FOR EACH FIECE OF EQUIPMENT. SUSSTITUTION SHALL OCCUR AT NO COST TO THE CONTRACTOR. EQUIPMENT: SUBSTITUTION SHALL OCCOR'AT NO COST TO THE CYMEN. CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF APPROVED SUBSTITUTIC AND SHALL INCUR ALL COSTS ASSOCIATED WITH THE SUBSTITUTION INCLUDING STRUCTURAL MODIFICATIONS, SPACE LAYOUT AND REDESIGN COSTS. SEE ALSO DIVISION I GENERAL REQUIREMENTS.

EXAMINATION OF SITE, DRAWINGS, SPECIFICATIONS:

A. EXAMINE CAREFULLY THE SITE AND CONDITIONS OF THE SITE. PROVIDE ALL NECESSARY EQUIPMENT AND LABOR TO INSTALL A COMPLETE WORKING SYSTEM WITHIN THE SITE CONDITIONS.

B. EXAMINE THE DRAWINGS AND SPECIFICATIONS AND 5 DAYS PRIOR TO BIDDING REPORT ANY ERRORS, OMISSIONS, INCONSISTENCIES, AND CONFLICTS TO THE ENGINEER TO BE REMEDIED IN AN ADDENDUM TO THE PROJECT PRIOR TO BIO TIME.

C. DRAWINGS ARE DIAGRAMMATIC AND CATALOG NUMBERS GIVEN ARE FOR REFERENCE ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYIN THE CAPACITY OF THE EQUIPMENT MEETS THE DRAWING REQUIREMENTS AND SHALL NOT DIMENSION FROM THE MECHANICAL, PLUMBING, OR PIPING

D. THE LATEST ADOPTED VERSIONS OF THE INTERNATIONAL BUILDING CODES SHALL BE USED AS REQUIRED. THIS WILL ALSO INCLUDET THE LATEST ADOPTED SHALL BE USED AS REQUIRED. THIS WILL ALSO INCLUDET THE LATEST ADOPTED CODES ALL IN THE MICHAEL AND ADDRESS AND ASSESSED AND ASSESSED AS A SHALL BE ADDRESSED AND ASSESSED AND ASSESSED AS A SHALL BE ASSESSED AND ADDRESSED AND ASSESSED AS A SHALL BE ASSESSED AND ADDRESSED AS A SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO BE KNOWLEDGEABLE OF THESE RECURRENENTS.

E. WHERE INSTALLATION PROCEDURES OR ANY PART THEREOF ARE REQUIRED TO BE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE MANUFACTURER OF THE MANUFACE BEING INSTALLAD, PRINTED CODE'S OF THESE RECOMMENDATIONS SHALL BE FUNNISHED TO THE ENDINCERE PRIOR TO INSTALLATION OR INSTALLATION OR INSTALLATION OR INSTALLATION OR INSTALLATION OR THE INTERMENT OF ALLOWED TO PROCED UNITL. THE RECOMMENDATIONS AND REDICEPTOR FAILURE TO PURNISH THESE RECOMMENDATIONS AND REDICEPTOR FOR REJECTION OF THE MAINTERN.

PTAC PACKAGED TERMINAL AIR CONDITIONER

RA RETURN AIR GRILLE / REGISTER

PVC POLYVINYL CHLORIDE

RCP REFLECTED CEILING PLAN RD ROOF DRAIN

RH RELATIVE HUMIDITY
RHC REHEAT COIL

RLA RATED LOAD AMPS

RPM REVOLUTIONS PER MINUTE

SCCR SHORT CIRCUIT CURRENT

SD SMOKE DAMPER

SPEC SPECIFICATION

SQUARE

SYS SYSTEM

TEMP TEMPERATURE

STAINLESS STEEL

SAFETY SHOWER

UNDERCUT DOOR

VOLT AMPERE

VTR VENT THROUGH ROO

WATTS

WITH WITHOUT WET BULB

WC WATER CLOSET

WG WATER GAUGE

WP WEATHERPROOF

WPIU WEATHERPROOF IN-US

VA VALVE

UNO UNI ESS NOTED OTHERWISE

VAV VARIABLE AIR VOLUME UNIT

VRF VARIABLE REFRIGERANT FLOW

VARIABLE FREQUENCY DRIVE

UH UNIT HEATER

TRANSFER GRILLE / REGISTER

TAMPER RESISTANT
TEMPERATURE TRANSMITTER

SEF SMOKE EXHAUST FAN

SH SENSIBLE HEAT
SH SHOWER
SP STATIC PRESSURE
SPD SURGE PROTECTION DEVICE

SUPPLY FAN

SUPPLY AIR GRILLE / REGISTER

PV PLUG VALVE

REL RELIEF

REOD REQUIRED

RM ROOM

STATION ENT ΕM Q LFT ٩ Д. Ш \propto ISADI Ф ⋀ PAL

DATE: ISSUED FOR

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Junction, C

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TROYER LIFT STATION PALISADE, COLORADO ₫.

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05/03/2023 JOB NO: 22-389 DRAWN BY: BCE BCE CHECKED BY: AS SHOWN E0-1

J-U-B ENGINEERS, INC.

Phone: 97

U-B ENGINEERS, INC 305 S. Main Street Unit 6 Palisade, CO 81526

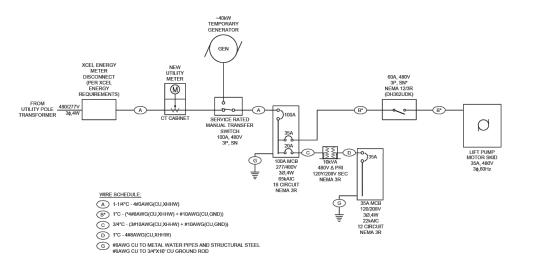
BID SET

J-U-B SP OTHER SHALL N ANY RE SOLE RI AVENUE LIFT STATION REPLACEMENT TOWN OF PALISADE ELECTRICAL **TROYER**

JUB PROJ. #:81-23-00 RAWN BY: ESIGN BY: HECKED BY

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SHEET NUMBER: E0-1

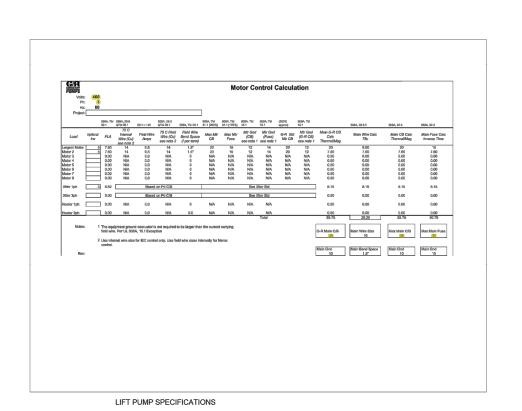


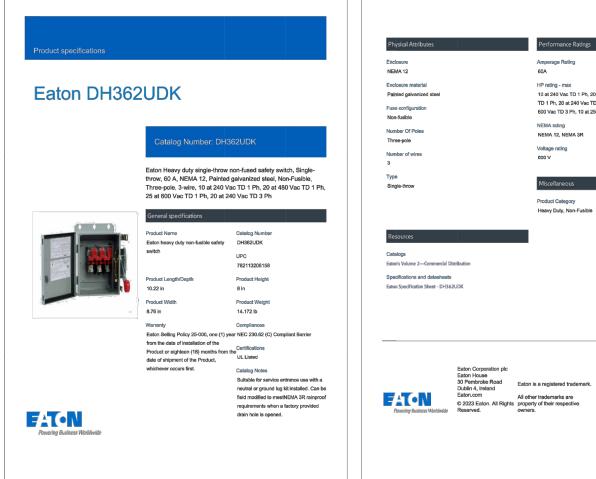
SCOPE OF WORK NARRATIVE:

ONE-LINE DIAGRAM

NOT TO SCALE

* CONTRACTOR TO CONFIRM IF NEUTRAL CONDUCTOR IS REQUIRED FOR PUMP SKIE







J-U-B ENGINEERS, INC. J-U-B ENGINEERS, INC. 305 S. Main Street Unit 6 Palisade, CO 81526 **BID SET** REUSE OF DRAWINGS

JUB SHALL RETAIN ALL COMMON LAW STATUTORY, COPYRIGHT

OTHER RESULDED RIGHTS OF THESE DRAWINGS, AND THE SAME
SHALL NOT BE RELUED WITHOUT THE STATE
SHALL NOT BE REUSED WITHOUT THE THESE PRIORY WRITHEN CONSENT BEST
SOLE SISK AND WITHOUT LABBLITY OF IR FEAL PRODUCTING ELECTRICAL

TROYER AVENUE LIFT STATION REPLACEMENT TOWN OF PALISADE

RAWN BY: DESIGN BY:

HECKED BY:

ONE INCH = AT FULL SIZE, IF NOT ONE INCH, SCALE ACCORDING

22-389 BCE BCE JOB NO: DRAWN BY: CHECKED BY: SCALE: AS SHOWN

Bighorn Consulting Engine
Mechanical & Electrical Engine
386 indian Road
Grand Junction, CO 81501
Phone: (970) 241-8709

MP REPLACEMENT TROYER LIFT STATION PALISADE, COLORADO

STATION

PALISADE LIFT (PUMP REPLAC

DATE: ISSUED FOR:

E1-1 SHEET NUMBER: E1-1

DISCONNECT SPECIFICATION

SECTION 26010

SECTION 36010

GENERAL PROVISIONS

A THIS PROVISIONS

A THIS PROVISION SECTION OF THE ELECTRICAL SPECIFICATIONS. THE CONSTRUCTION

A THIS PROJECT SHALL BE A PART OF THE ELECTRICAL SPECIFICATIONS. THE

ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK INCLUDED IN

BEFORE SUBMITTING THEIR PROPOSAL.

THIS GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK INCLUDED IN

THIS SECTION AND THE DELEGATION OF WORK TO THE ELECTRICAL CONTRACTOR SHALL

NOT RELIEVE THEM OF THIS ESPONSIBLIT. THE ELECTRICAL CONTRACTOR SHALL

SUBCONTRACTORS WHO PERFORM WORK UNDER THIS SECTION SHALL BE RESPONSIBLE

TO THE GENERAL CONTRACTOR AND THEIR

SUBCONTRACTORS WHO PERFORM WORK UNDER THIS SECTION SHALL BE RESPONSIBLE

TO THE GENERAL CONTRACTOR SHALL SECTION SHALL BE RESPONSIBLE

C. WHERE TEMS OF THE GENERAL. CONDITIONS OR OF THE SPECIAL CONDITIONS ARE

EMPLAIDED IN HIS SECTION OF USE OF THE SECTION SHALL BE ASSUMED TO BE

MITTED TO THE GENERAL CONTRACTOR SECTION SHALL BE ASSUMED TO BE

MONITIED FOR TRY PROVINCE THE BEEN.

OMITTED IF NOT REPATED HEREIN

THE NAMING OF A CERTAIN BRAND OR MAKE OR MANUFACTURER IN THE

STEEL THAT MAKE OR NOT AGELESIA AND OR MAKE OR MANUFACTURER IN THE

SPECIFICATION OR SO BY AGELESIA AND OR MAKE OR MANUFACTURER IN THE SPECIFIC REPAIN OF THE

SPECIFICATION OR SO BY AGELESIA AND OR THE USE OF THE SPECIFIC READ OF THE

MANUFACTURER NAMED UNLESS SO INDICATED IN THE SPECIFIC RATIONS

THE ELECTRICAL CONTRACTOR SHALL FURNISH AND PRESENT FIVE (5) COPIES OF SHOP

RAWINISO OR BROCHURES FOR ALL FIXTURES, EQUIPMENT, AND ACCESSORIES TO THE

ARCHITECT AND OWNER FOR APPROVAL. CHECKING IS ONLY FOR GENERAL

COMPONANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL

COMPONANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL

COMPONANCE SHOWN IS SUBJECT TO THE REQUIREMENTS OF THE PLANS AND

SPECIFICATIONS CONTRACTOR IS RESPONDED FOR DEPARTMENTS OF THE PLANS AND

TECHNIQUES, CONSTRUCTION COORDINATION OF THERE WORK WITH THAT OF ALL OTHER

TRADES AND THE SATISSACTORY PERFORMANCE OF THEER WORK

THE ELECTRICAL CONTRACTOR SHALL EXAMINE DRAWINGS BELATING TO WORK OF

THE ELECTRICAL CONTRACTOR SHALL EXAMINE DRAWINGS RELATING TO WORK OF ALL TRADES AND BECOME FULLY INFORMED AS TO EXTENT AND CHARACTER OF WORK REQUIRED AND ITS RELATION TO ALL OTHER WORK IN THE PROJECT.

BEFORE SUMMITTING BIJ, CONTRACTOR SHALL VISIT THE SITE AND EXAMINE ALL ADJOINING EXISTING BUILDINGS, EQUIPMENT AND SPACE CONDITIONS ON WHICH THEIR WORK IS IN ANY WAY DEPENDENT FOR THE BEST WORKMANSHIP AND OFFICE AND THE ACCORDING TO THE INTENT OF SPECIFICATIONS AND DRAWINGS. THEY SHALL REPORT OT THE ARCHITECT ANY CONDITION WHICH MIGHT PREVIEW THEM PROMINSTIAL THE ADDITION THEM REQUIRED THE PROPERTY OF THE ACCORDING TO THE MANDER INTENDED.

H. NO CONSIDERATION OR ALLOWANCE WILL BE GRANTED FOR FAILURE TO VISIT SITE. OR FOR ANY ALLOGED MISUDDERSTANDING OF MATERIALS TO BE FURNISHED OR WORK TO BE DONE. CERTIFYING ENGINEER RESERVES THE RIGHT TO PROVIDE INTERPRETATION OF DESIGN DRAWINGS AND THE INTENT OF WHAT IS BEING SHOWN AND THE INTENT OF WHAT IS BEING SHOWN AND THE INTENT OF WHAT IS BEING SHOWN AND THE SHOWN AND THE REFER TO DIVISION I FOR ADDITIONAL REQUIREMENTS. EXISTING CONDUITS, PIPES, UTILITY LINES, TANKS, EQUIPMENT, OR OTHER OBSTRUCTIONS WHETHER INDERFORMING, CONCELLED, OR EXPOSED AGE NOT IN GENERAL INDICATED ON INDERFORMING, CONCELLED, OR EXPOSED AGE NOT IN GENERAL INDICATED ON INDICATED AND ADDITIONAL REQUIREMENTS. EXPLINED AND THE PROPERTY OF THE PROPERT

SECTION 2015

A THE DRAWINGS AND REFERENCE SYMBOLS

A THE DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERALLY THE LOCATIONS OF

MATERIAL AND EQUIPMENT. THESE DRAWINGS SHALL BE FOLLOWED AS CLOSELY AS

POSSIBLE. THE ELECTRICAL CONTRACTOR SHALL COORDINATE THE WORK UNDER THIS

SECTION WITH THE ARCHITECTURAL, FIRUCHURAL, PLUBBING, BEATING AND AIR

SECTION WITH THE ARCHITECTURAL, STRUCHRAL, PLUBBING, BEATING AND AIR

CLEARANCES AND ROUGHING IN LOCATIONS. THIS CONTRACTOR SHALL COOPERATE

WITH ALL OTHER TRADES IN ROUBER TO MAKE MINOR FIELD ADJUSTMENTS TO

ACCOMMODATE THE WORK OF OTHERS. DO NOT RELY ON THE SCALE OF THE DRAWINGS

FOR ROUGHIN IM EASUREMENTS, NOR USE THEM AS SHOP BRAWINGS.

B. THE DRAWINGS AND SPECIFICATIONS ARE COMPLEMENTARY, EACH TO THE OTHER,

AND THE WORK ROUGHED BY EITHER SHALL BE INCLIDED IN THE CONTRACT AS IF

C. IF DIRECTED BY THE OWNER, THE CONTRACTOR SHALL, WITHOUT EXTRA CHARGE,

MAKE REASONABLE MODIFICATIONS IN THE LAYOUT AS NEEDED TO PREVENT CONFLICT

IF DIRECTED BY THE OWNER, THE CONTRACTOR SHALL, WITHOUT EXTRA CHARGE, MAKE REASONABLE MODIFICATIONS IN THE LAYOUT AS NEEDED TO PREVENT CONFLICT WITH WORK OF OTHER TRADES OR FOR PROPER EXECUTION OF THE WORK.
DECITED A SYMBOL SUBDO ON THIS PROJECT ARE SHOWN IN A SYMBOL LIST ON THE ACCOMPANYING WORKING DRAWINGS. THIS LIST SHOWS STANDARD SYMBOLS AND ALL ANY NOT APPEAR ON THE PROJECT DRAWINGS, HOWEVER, WHEREVER THE SYMBOL ON PROJECT DRAWINGS OCCURS, THE ITEM SHALL BE PROVIDED AND INSTALLED.

WORK INCLUDED
A. THE SCOPE OF THE WORK CONSISTS OF ELECTRICAL INSTALLATION AND
MODIFICATION AT THE PROJECT LOCATION INDICATED ON THE ACCOMPANYING
MODIFICATION AT THE PROJECT LOCATION INDICATED ON THE ACCOMPANYING
INDICATED ON THE PROJECT LOCATION INDICATED ON THE ACCOMPANYING
OWNERING DEAVINGS. THIS SHALL INCLUDE BUT NOT BE LIMITED TO ELECTRICAL
DISTRIBUTION INSTALLATION, POWERING OF MECHANICAL EQUIPMENT, FOWERING OF
THE PROPERTY OF THE PROJECT OF THE PROPERTY OF THE PROPESSAL OF THE PROPERTY OF THE PROPE WORK INCLUDED
A THE SCOPE OF THE WORK CONSISTS OF ELECTRICAL INSTALLATION AND

JUJISS AND FEES

A ALL MATERIALS AND WORKMANSHIP SHALL COMPLY WITH ALL APPLICABLE CODES, SPECIFICATIONS, LOCAL ORDINANCES, INDUSTRY STANDARDS UTILITY COMPANY AND FIRE INSURANCE CARRIERS REQUIREMENTS. CONTACT PROPER AUTHORITIES, OBTAIN AND PAY FOR REQUIRED PERMITS, INSPECTIONS AND UTILITY SERVICE CONNECTIONS. AND THE PROPERTY OF THE CONTROL OF THE CO

E OWNER. IN CASE OF DIFFERENCE BETWEEN THE BUILDING CODES, SPECIFICATIONS, STATE

3. IN CASE OF DIFFERENCE BETWEEN THE BUILDING CODES, SPECIFICATIONS, STATE LAWS, LOCAL ORDINANCES, INDUSTRY STANDARDS, UTILITY COMPANY REGULATIONS, FIRE INSURANCE CARRIERS REQUIREMENTS, AND THE CONTRACT DOCUMENTS, THE FIRE STATE OF THE CONTRACT DOCUMENTS, THE STATE OF THE CONTRACT DOCUMENTS OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE ADDITION OF THE TATE LAWS, LOCAL ORDINANCES, INDUSTRY STANDARDS, FIRE INSURANCE CARRIERS TATE LAWS, LOCAL ORDINANCES, INDUSTRY STANDARDS, FIRE INSURANCE CARRIERS REQUIREMENTS, AND UTILITY COMPANY MEDICATIONS, THEY SHALL BEAR THE COST ARISING ON SECTION 26095

SECTION 26100 BASIC METHODS AND MATERIALS

SECTION ALL WORK, MATERIALS AND EQUIPMENT SHALL BE COMPLETELY AND ADSOLATED. THIS, 90 DEGREES C.

3. ADEQUATELY PROTECTED AT ALL TIMES. PAY FOR ALL DAMAGE, DUINTY OR LOSS, EXCEPT SUCH AS MAY BE DIRECTLY DUE TO BERORS IN THE LOWING TO CHARLESS OF THE OWNER, POST EFFECTIVE DANGER SIGNS.

BE CAUSED BY AGENTS OR EMPLOYEES OF THE OWNER, POST EFFECTIVE DANGER SIGNS.

B. TRENCHING AND BACKFILLING. PERFORM ALL TREINCHING AND BACKFILL REQUIRED BY WORK UNDER THIS DIVISION OF THE SPECIFICATIONS. TRENCHING AND BACKFILLING. SHALL BE DONE IN ACCORDANCE WITH THE "STIE WORK" DIVISION OF THE SPECIFICATIONS. TRENCHING AND BACKFILLING. SPECIFICATIONS TRENCHING AND BACKFILLING. SHALL BE DONE IN ACCORDANCE WITH THE "STIE WORK" DIVISION OF THE SPECIFICATIONS AND AS HEREAL BE STIE WORK. DIVISION OF THE SPECIFICATIONS. TRENCHING AND BACKFILLING. SHALL BE DONE IN ACCORDANCE WITH THE "STIE WORK." DIVISION OF THE SPECIFICATIONS AND AS HEREAL BE STRUCKED AND AS ADD AS HEREAL SPECIFICATIONS. TRENCHING AND BACKFILLING. PERFORMENT OF THE WORK SHALL BE STRUCKED AND AS ADD AS HEREAL BE STRUCKED AND AS ADD AS HEREAL BE STRUCKED.

FOR ANY SPECIFIC USE NOT COVERED HERE ABOVE, COMPLY WITH THE NEC IN CONDUCTOR USE.

ALL CIRCUMS SHALL BE SOLD, WIFE WARD AND ALL CREATED AND AS ADD AS HEREAL BE STRANDED.

TO ADDRESS. C.

**INTER STRUCK AND ASSOCIATIONS OF THE SPECIFICATIONS. TRENCHING AND BACKFILL BE STRUCK AND AS ADD AS HEREAL ELECTRIC, ANACON. WHEN AND CABLE MANUFACTURED BY GENERAL ELECTRIC, ANACON. WHERE A CABLE, REAL ELECTRIC, ANACON. WHERE A CABLE, CORDUIT AS CABLE, OR ABLE MANUFACTURED BY GENERAL ELECTRIC, ANACON. WHERE A CABLE, CABLE, OR ABLE MANUFACTURED BY GENERAL ELECTRIC, ANACON. WHERE A CABLE, CABLE, OR ABLE MANUFACTURED BY GENERAL ELECTRIC, ANACON. WHERE A CABLE, CABLE, OR ABLE MANUFACTURED BY GENERAL ELECTRIC, ANACON. WHERE A CABLE, CABLE, OR ABLE MANUFACTURED BY GENERAL ELECTRIC, ANACON. WHERE A CABLE, CABLE, CONDUIT ACCABLE, OR ABLE MANUFACTURED BY GENERAL ELECTRIC, ANACON. WHERE A CABLE, CREATE, CONDUIT ACCABLE, OR ABLE MANUFACTURED B

BECOMMENDATIONS

GUIPMENT FINSH: ALL ELECTRICAL EQUIPMENT SHALL BE FURNISHED FACTORY
AINTED OR FINISHED WITH TWO COATS OF HIGH-GRADE ENAMEL AND IN THE
ANUFACTURES STANDARD COLORS UNLESS OTHERWISE SPECIFED.
UNPAINTED EQUIPMENT AND MATERIALS, EXCEPT CONDUIT IN CONCEALED SPACES,
HALL BE LEAUND AND PRIMED TO BE PAINTED HY THE PAINTING CONTRACTOR IN
THE COLORS OF ALL EXPOSED ELECTRICAL MATERIAL AND APPARATUS SHALL BE AS
SELECTED BY THE OWNER.

SELECTED BY THE OWNER
CHASES, SLEEVES, CUTTING, PATCHING
PROVIDE FOR NECESSARY CHASES, HOLES, SLEEVES, BOXES, INSERTS AND HANGERS
BY ARRANGINEMENT WITH CONTRACTORS OF THE OTHER APPROPRIATE TRADES.
BY ARRANGINEMENT WITH CONTRACTORS OF THE OTHER APPROPRIATE TRADES.
AND THE OTHER APPROPRIATE TRADES.
FOR THE OTHER APPROPRIATE TRADES.
FOR THE OTHER APPROPRIATE TRADES.
FOR THE OTHER APPROPRIATE AND PATCHING OF HOLES, OPENINGS, AND NOTCHES.
OBTAIN WRITTEN APPROVAL OF THE ARCHITECT BEFORE NOTCHING, BORING, CHIPPING
BURNING, DRILLING, OR WELDING TO STRUCTURAL MEMBERS.

BURNING, DRILLING, OR WELDING TO STRUCTURAL MEMBERS.

INSPECTION
INSPECTION
IN ALL WORK AND MATERIALS COVERED BY DRAWINGS AND SPECIFICATIONS SHALL BE
SUBJECT TO INSPECTION AT ANY AND ALL TIMES BY REPRESENTATIVES OF THE
ARCHITECT AND OWNER. IF ANY MATERIAL OR INSTALLATION DOES NOT CONFORM TO
THE DRAWINGS AND SPECIFICATIONS, WITHIN THREE DAYS AFTER BEING NOTHERE BY
THE ARCHITECT, REMOVE THE MATERIALS FROM THE PREMISES AND CORRECT THE
INSTALLATION TO THE SATISE ACTION OF THE ARCHITECT, ASSUME THE ENTRE COST
OF REMOVING AND REPLACING THE MATERIALS AND CORRECTION THE INSTALLATION,
CULDING CUTTING AND PARTHING THAT MAY BE INCESSAS USED IN THE STALLATION,
2. WORK SHALL NOT BE CLOSED IN NOR COVERED BEFORE INSPECTION AND APPROVAL
BY THE ARCHITECT. PROVIDE FOR UNCOVERING AND MEPROVAL
BY THE ARCHITECT. PROVIDE FOR UNCOVERING AND MEPROVAL
BY THE ARCHITECT. PROVIDE FOR UNCOVERING AND MEPROVAL
WORK IS READY FOR INSPECTION.

WORK IS BEADY FOR INSPECTION

NOTIFY PROPER AUTHORITIES WHEN WORK IS BEADY FOR ANY INSPECTIONS

REQUIRED BY APPLICABLE CODES, RULES AND REGULATIONS, ALLOWING SUFFICIENT
ITME FOR INSPECTIONS TO BE MADE WITHOUT INIDERING PROGRESS OF THE WORK,
AND FURNISH THE OWNER, WITHOUT ADDITIONAL COSTS, PROPER CERTIFICATES OF
ACCEPTANCE FROM SUCH AUTHORITIES

4. UPON COMPLETION OF ALL WORK AND ADJUSTMENT OF ALL EQUIPMENT, FINAL
INSPECTION SHALL BE MADE UNDER DIRECTION OF THE ARCHITECT. THE CONTRACT
SHALL ITEST AND OPERATE ALL DEVICES, EQUIPMENT AND SYSTEMS TO DEMONSTRAIT
HAT THE BLEECTRICAL SYSTEM IS COMPLETE AND FUNCTIONAL IN THE MANNER

. CLEAR UP.

LOURING THE COURSE OF THE WORK REMOVE ANY MATERIALS NOT INSTALLED IN THE WORK WHICH CONFLICT WITH THE WORK OF OTHERS IF SO DIRECTED BY THE ARCHITECT.

WORK WHICH CONFLICT WITH THE WORK OF OTHERS IF SO DIRECTED BY THE ARCHITECT.

2. AT COMPLETION OF WORK CLEAN UP AND REMOVE FROM THE PREMISES ALL DEBRIS AND MATERIALS NOT INSTALLED IN THE WORK SO THE PREMISES WILL BE LEFT CLEAN. AND MATERIALS NOT INSTALLED IN THE WORK SO THE PREMISES WILL BE LEFT CLEAN. BECOME SOILED DURING INSTALLATION. THE WORK FURNISH OF THE MAY HAVE BECOME SOILED DURING INSTALLATION. THE WORK FURNISH TO THE ARCHITECT TWO COMPLETE SETS OF ELECTRICAL PRINTS MARKED TO SHOW THE WORK "AS BUILLT TWO COMPLETE SETS OF ELECTRICAL PRINTS MARKED TO SHOW THE WORK "AS BUILLT MANDETMANCE AND OPERATION PROCEDURES. UPON COMPLETION OF ALL WORK AND AND MAINTENANCE PROCEDURES FOR THE ELECTRICAL SYSTEM IN TOTAL. FURNISH IS SETS OF TYPED MAINTENANCE MANUALS CONTAINING CUT SHEETS ON ALL EQUIPMENT, TABLES OF FUSES AND FOR WHAT EXCURSES THE ELECTRICAL SYSTEM REQUIRES SERVICE FOR WHAT EXTURES INCLUDE A LIST OF CONTACTS WITH HONEN IMMERSES FOR ALL SYSTEMS FOR OWNERS USE, IN THE EVENT THE ELECTRICAL SYSTEM REQUIRES SERVICE OUR AND THE CUMANTEE CULTAMENTE. THE DIVISION SHALL BE NEW AND FREE OF DEFECTIVE WORK, MATERIALS, AND COMPONENTS FOR A PERIOD OF NEY SEAR STERW WITH THE WORK FUND.

NEW AND FREE OF DEFECTIVE WORK, MATERIALS, AND COMPONENTS FOR A PERIOD OF VOR YEAR AFTER WRITTEN ACCEPTIANCE. BEPAIR REVISE AND REPLACE DEFECTS AS DIRECTED, WITH NO ADDITIONAL COST TO THE OWNER. (INCANDESCENT LAMPS, FUSE AND ANY EXISTING EQUIPMENT ARE EXEMPT).

END OF SECTION 26101

SECTION 26111

CONDUITS
A. PVC CONDUIT SHALL BE USED FOR ALL UNDERGROUND FEEDERS AND BRANCH
CIRCUITS UNLESS OTHERWISE DIRECTED ON PLANS OR AS APPROVED BY NEC. ALL
CONDUIT SHALE SHALL BE AS INDICATED ON THE DRAWINGS, OR MINIMUM IN
ACCORDANCE WITH THE NEE, INCLUIDING PROVISION POR GERIEN EQUIPMENT
GROUNDING CONDUCTOR USING 34 INCH MINIMUM CONDUIT. THE USE OF 1/2 INCH
CONDUIT SHESWHERE MAY BE APPROVED IF CONDITIONS WARRANT.
C. SPECIAL CONDUIT FITTINGS SHALL BE APPROVED IF CONDITIONS WARRANT.
D. CONDUIT SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITION
OF THE NEX AND SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITION
OF THE NEX AND SHALL BE INSTALLED BY NEXT, WARRANT.
E. THE BYTITE CONDUIT SYSTEM SHALL BE INSTALLED TO PROVIDE A CONTINUOUS
BOND THROUGHOUT THE SYSTEM SHALL BE INSTALLED TO PROVIDE A CONTINUOUS
RACEWAYS OTHER THAN FOR SERVICE ENTRANCE AND MAIN FEEDERS UNLESS
PROBIBITIES BY THEN FOR OLO CALO RODDINGS. SHAND HE SERVED SHANDLE SHALL BE UNLESS
OF AND THE OLO CALO CONDINANCES. BUT SHALL BE UL APPROVED,
GALVANIZED INSIDE AND OUTSIDE, COMPLYING WITH ASA C-80 3 FOR ZINC COATED BUT
WITH FITTINGS OF THE SAME TYPE MATERIAL AND FINISH, OF THE PRESSURE CONNECTED
TYPE FOR EXTERIOR INSTALLATION AND OF THE SET SCREW TYPE FOR INTERIOR

ITES FOR EXTERIOR RESTRICTATION AND OF THE SET SCREW TYPE FOR INTERIOR

SHALL CONDUIT JOINTS SHALL BE CUT SQUARE, REAMED SMOOTH, AND DRAWN UP
TIGHT. BENDS OR OFFSETS SHALL BE MADE WITH AN APPROVED BENDER OR HICKEY, OR
HUB-TYPE CONDUIT FITTINGS. NUMBER OF BENDS PER RUN SHALL CONFORM TO THE NEC

LIMITATIONS.

H. CONCEALED CONDUITS SHALL BE RIN IN A DIRECT LINE WITH LONG SWEEP BENDS AND OFFSETS. EXPOSED CONDUITS SHALL BE PARALLEL TO AND AT RIGHT ANGLES TO BUILDING LINES, USING CONDUIT FITTINGS FOR ALL TURNS AND OFFSETS.

TRANSITIONS BET WEEN NORMITALLIC CONDUITS AND CONDUITS OF OTHER MATERIALS SUCH PURPOSE WITH THE MATERIAL PROPERTY OF THE SUCH PURPOSE.
EXPOSED CONDUITS SHALL BE SECURELY FASTENED IN PLACE ON MAXIMUM 10 FOOT

INTERVALS (OR AS DIRECTED BY MANUFACTURERS INSTALLATION GUIDELINES), AND HANGERS, SUPPORTS OR FASTENERS SHALL BE PROVIDED AT EACH ELBOW AND AT THE END OF EACH STRAIGHT RUN TERMINATING AT A BOX OR CABINET. END OF SECTION 26111

WRES AND CARLES

A WIRE AND CREEK

A WIRE AND CREEK

WIRE AND

SIGNATURE COILS AND ARBEIS WITH INDIVIDUAL THE THROUGH AND CABLE SHALL BE SUITABLY PROTECTED FROM WEATHER AND OTHER AMAGE DURING STORAGE AND HANDLING AND SHALL BE IN FIRST CLASS CONDITION

DAMAGE DURING STORAGE AND HANDLING AND SHALL BE IN FIRST CLASS CONDITION

OF WIRE AND CABLE SHALL BE FACTORY COLOR CODED WITH A SEPARATE COLOR FOR

FOR AND RESTRAIL USED CONSISTENTLY THROUGHOUT THE SYSTEM. COLOR

CODING SHALL BE AS REQUIRED BY THE NEC.

SALL CONDITIONS SHALL BE DELETED THE NEC.

ALL CONDITIONS SHALL BE DELETED THE NEC.

WIRE AND CABLE FOR VARIOUS APPLICATIONS SHALL BE AS FOLLOWS UNLESS

OTHERWISE SIGNATED.

1. WIRE 810 AND SMALLES SHALL BE SOLID, WIRE 88 AND LARGER SHALL BE STRANDED.

2. #12 THRU #6 DAY LOCATIONS. TYPE THIN, 90 DEGREES C.

3#12 THRU #6 IN SLABS, UNDERGROUND, OR WET LOCATIONS. TYPE THWN OR TYPE

XIHHW, 75 DEGREES C.

53H2 IRRO ØIS NALSU, KUDERGROUND, OK WEI DOATHONS: I TYPE IHWN OR I TYPE
XHRW, 75 DEGREES C.

4. #4 AKD LARGER: TYPE XHHW OR TYPE THWN 75 DEGREES C.

WIRE AND CABLE SHALL BE AS MANUFACTURED BY GENERAL ELECTRIC, ANACONDA
WIRE & CABLE, ROME CABLE, TRIANGLE CONDUT & CABLE, OR APPROVED EQUAL
SUBSTITUTION OF WIRE AND CABLE MANUFACTURER SHALL BE ONLY WITH THE
APPROVAL OF THE ARCHITECTENIGNER.

3. FOR ANY SPECIFIC USE NOT COVERD BEER ABOVE, COMPLY WITH THE NEC IN

TRENCH BOTTOM SHALL BE GRADED TRUE AND FREE FROM DEBRIS, STONES AND SOFT
SPOTS. WHERE DIRECT BURIAL CABLES ARE USED FOUR INCHES OF FINE SAND SHALL BE
PLACED IN THE BOTTOM OF THE TRENCH PRIOR TO CABLE PLACEMENT.

1. ALL EQUIPMENT, ACCESSORIES, AND SPECIALTIES CONNECTED TO EQUIPMENT, AND
ALL ITEMS OF MATERIALS, INSTALLATION.

1. ALL EQUIPMENT, ACCESSORIES, AND SPECIALTIES CONNECTED TO EQUIPMENT, AND
ALL ITEMS OF MATERIALS HALL BE INSTALLED AS RECOMMENDED BY THEIR
MANUFACTURERS UNLESS SPECIFICALLY STATED OTHERWISE. PROVIDE PROPER
SUPPORTS, MOUNTS, ETC. AS REQUIRED.
2. COORDINATE WITH THE GENERAL CONTRACTOR.
3 OBLIAN BRIT CUCTIONS FROM THE ARCHITECT FOR INSTALLATION OF TEMS NOT
3 OBLIAN BRIT CUCTIONS FROM THE ARCHITECT FOR RISTALLATION OF TEMS NOT
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3 OBLIAN BRIT CUCTION FROM THE ARCHITECT FOR THE ARC

RECTION 26/12/
INGRE CONNECTOR (SIZE AND STATE AND STATE

SECTION 26125
FULLING CABLES
NA A NEAT AND WORKMASILKE MANNER ALL EMPTY CONDUITS STAIL HAVE A #14
GALVANIZED PULL WIRE OR NYLON PULLLCORD LEFT IN PILACE FOR FUTURE USE.
B. CONDUCTORS STAIL BE COLOR CODED IN ACCORDANCE WITH THE NICE MAINS,
FEEDERS, SUBFEEDERS SHALL BE TAGGED IN ALL PULL, JUNCTION, AND OUTLET BOXES
AND IN THE GUTTER OF PANELS WITH APPROVED CODE TYPE WIRE MARKERS
C. NO LUBRICANT OTHER THAN POWDERED SOAPSTONE OR APPROVED PULLING
D. AT LEAST ISSUE (1) SINCHES OF SLACK WIRE SHALL BE LEFT IN EVERY OUTLET BOX
WHETHER IT BE IN USE OR LEFT FOR FUTURE USE.
E. ALL CONDUCTORS AND CONNECTIONS SHALL TEST FREE OF GROUNDS SHORTS AND
OPENS BEFORE TURNING THE JOB OVER TO THE OWNER.
FULL BOXES SHALL BE EQUIRED IN KING OVER 100 FEET OR WHEN
MOBEL THAN THERE DO BOKERE BECOR ARE USED, OF AS INDICATED AND LIGHTING.
FULL BOXES SHALL BE EQUIRED IN KING OVER 100 FEET OR WHEN
MOBEL THAN THE DO D'HERE WISE ON DRAWINGS.
FULL SUS SHOLKATED OTHER WISE ON DRAWINGS.
H. WHERE MOTORS HAVE CONDUIT TERMINAL BOXES, FEEDERS SHALL BE CONNECTED
TO SAME BY PLEXIBLE MEARS.

ALL MOTORS WITH SLIDING BASE MOUNTINGS SHALL HAVE NOT LESS THAN IS INCHES NOR MORE THAN 6 FEET OF CONDUIT CONNECTION GRIGID CONDUIT FEED TO MOTOR TERMINAL BOX. CONDUCTOR SPLICES SHALL BE MADE ONLY IN JUNCTION BOXES, TERMINAL BOXES, OR PULL BOXES. END OF SECTION 26125

COULTE BOXES

ALL OUTLET BOXES

ALL OUTLET BOXES FOR CONCEALED WIRING SHALL BE SHEET METAL,

A GALVANIZED OR CADMIUM PLATED, AT LEAST 1 & INCHES DEEP, SINGLE OR GANGED,

OF SIZET DA ACCOMMODATE DEVICES AND NUMBER OF CONDUCTORS NOTED. BOXES

SHALL BE EQUIPPED WITH PLASTER RING OR COVER AS NECESSARY. ALL OUTLET BOXES

SHALL BE BOANUFACTURED BY STEEL CITY OR APPROVED EQUIAL.

B BOXES FOR EXPOSED WIRING SHALL BE MALLEABLE IRON, CADMIUM FINISH, OR CAST

ALLIMINION ALLOY, AS MANUFACTURED BY STEEL CITY, AND SHALL NOT BE LESS THAN 4

INCHES SOLVARE BY 1 % INCHESS DEEP DIVLESS OTHER WISE NOTED.

AS OUTLET AND JUNCTION BOXES, THEY SHALL BE 4 11/16 INCHES BY 2 1/8 INCHES DEEP.

AS OUTLET AND JUNCTION BOXES, THEY SHALL BE 4 11/16 INCHES BY 2 1/8 INCHES DEEP.

SIGCTION 190
SUPPORTING DEVICES
A. THE ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL METALLIC SUPPORTS AS REQUIRED FOR THE PROPER INSTALLATION OF RACEWAY SYSTEMS AND ALL OTHER EQUIPMENT INSTALLED UNDER THIS DIVISION OF THE CONTRACT CONFORMING TO THE LATEST EDITION OF THE INSE.

CONDUIT SHALL HE SUPPORTED ON A PROVIDED TYPES OF WALL-BRACKETS, CRILING BY THE CONTRACT CONFORMING TO THE LATEST EDITION OF THE INSECTION OF THE PROVIDED THE STATE OF THE CONTRACT CONFORMING TO THE CONTRACT OF THE CONTRACT OF THE CONFORMING TO THE CONTRACT OF TION. 'SHALL BE SECURELY FASTENED TO ALL SHEET METAL OUTLETS. JUNCTION

C. CONDUIT SHALL BE SECURELY FASTENED TO ALL SHEET METAL OUTLETS, JUNCTION AND PILL BOXES WITH TWO GAL VARIEDE LOCKWINTS AND BUSHING, CARE BERNET TAKEN AND PILL BOXES WITH THE WORK AND THE SENSE THE CONDUIT AFTER WHICH THE BUSHEN TO BE DRAWN TIGHT AGAINST THE END OF THE CONDUIT AFTER WHICH THE LOCKWINT SHALL BE MADE THEN SUFFERN THE CONDUIT AFTER WHICH THE LECTRICAL CONTACT WITH THE OUTLET BOX. INSTALL A PLASTIC BUSHING ON END OF PIPE THEADS PROTREDIBLE ONTO JUNCTION BOXES AND OTHER ENCLOSURES OF

FIFE INERADS FROUDENCH AND OBJECT AND OTHER ENCLOSURES TO
PROTECT CABLING.

THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SUPPORTS REQUIRED
FOR THE ELECTRICAL EQUIPMENT AND CONDUIT.

END OF SECTION 26190

IDENTIFICATION

CONTRACTOR SHALL MAINTAIN ACCURATE RECORDS OF ALL

ELECTRICAL DENTIFICATION

LEVATIONS IN WORK AS ACCURATE RECORDS OF ALL

DEVIATIONS IN WORK AS ACCURATE RECORDS OF ALL

DEVIATIONS IN WORK AS ACCURATED AND ACCURATE RECORDS OF ALL

DRAWINGS. UPON COMPLETION OF THE PROJECT, TWO (2) COMPLETE SETS OF

MARKED-UP PRINTS SHALL BE DEJLIVERED TO THE ARCHITES.

B. IDENTIFICATION OF EQUIPMENT

1. PROVIDE AND INSTALL LAMINATED BLACK AND WHITE LAMACOID NAMEPLATES FOR

ALL SERVICE SWITCHES, DISTRIBUTION SWITCHES, DISTRIBUTION SWITCHBOARDS,

ALL SERVICE SWITCHES, DISTRIBUTION SWITCHES, DISTRIBUTION SWITCHBOARDS,

EQUIPMENT WITH THERE CORRECT DESIGNATION LABEL EQUIPMENT IN AREAS

ACCESSIBLE TO THE PUBLIC ON INSIDE OF ENCLOSURE ONLY, NAMEPLATES SHALL BE
FIRMLY SECURED TO FRONT COVER OR DOOR WITH TWO PROPERLY SIZED POP RIVERS.

2. MOUNT A TYPEWRITTEN DIRECTORY BEHIND PLASTIC ON THE INSIDE OF EACH

THE CIRCUIT CONTROLLED BY EACH CIRCUIT BREAKER, REVISE EXISTING DIRECTORIES

SALL FILED ASSETY SWITCHES AND FILED SWITCH UNITS IN SWITCHBOARDS SHALL

INDIVIDUALLY BEAR A FUSE LABEL SHOWING PROPER SIZE AND TYPE OF FUSE TO BE

USED.

TALL WIRING DIAGRAMS ON THE INSIDE COVER OF ALL STARTERS. SWITCHES AND OTHER SUCH EQUIPMENT: SUCH DIAGRAMS SHALL NOT BE SHANDWRITTEN.
ALL JUNCTION BOXES WITH BLANK COVERS SHALL HAVE CIRCUITS CONTAINED.
THEREIN IDENTIFIED BY MEANS OF PERMANENT BLACK "MAGIC MARKER" ON THE

LECTRONIC EQUIPMENT!
THE ELECTROACE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DISTALLATION AND
CONNECTION OF A PROPER POWER SUPPLY TO ALL ELECTRONIC EQUIPMENT FURNISHED
CONNECTION OF A PROPER POWER SUPPLY TO ALL ELECTRONIC EQUIPMENT FURNISHED
CONNECTION THE CIRCLUT! TOSES INSTALLATION OF THE EQUIPMENT WILL BE
RESPONSIBLE FOR THE PROPER OPERATION OF THE EQUIPMENT PROVIDED THE PROPER
POWER SUPPLY CIRCLUT! IS INSTALLED BY THE ELECTRICAL CONTRACTOR
PROVIDE TELEPHONE LINES TO EQUIPMENT CONTROL PANELS WITH MODEM ACCESS
COORDINATE WITH MECHANICAL CONTRACTOR.

SISCONNECT SWITCHES

A THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL SAFETY SWITCHES AS INDICATED ON THE DRAWINGS OR AS REQUIRED. ALL SHALL SHAL

PROVISIONS SHALL BE PROVIDED FOR PADLOCKING IN THE OFF POSITION WITH AT LEAST THREE PADLOCKS. SWITCHES SHALL BE HORSEPOWER RATED FOR 250 VOLTS AC OR DC OR 600 VOLTS AC AS REQUIRED. LUGS SHALL BE UL LISTED FOR COPPER AND ALIUMNIUM CABLE

ALUMINUM CABLE. S.SWITCHES SHALL BE FURNISHED IN NEMA I GENERAL PURPOSE ENCLOSURES WITH KNOCKOUTS UNLESS OTHERWISE NOTED OR REQUIRED. SWITCHES LOCATE EXTERIOR OF THE BUILDING OR IN "WET" LOCATIONS SHALL HAVE NEMA 31

S (WP). Y SWITCHES SHALL BE SECURELY MOUNTED IN ACCORDANCE WITH THE THE SAFETY SWITCHES SHALL BE SECURELY MOUNTED IN ACCORDANCE WITH IT NICE. THE CONTRACTOR SHALL PROVIDE ALL MOUNTING MATERIALS AND INSTAL FUSES IN THE FSS. THE FUSES SHALL BE DUAL ELEMENT TIME DELAY ON MOTOR CIRCLITS. S. END OF SECTION 26440

GROUNDING
A. THE CONDUIT SYSTEMS AND NEUTRAL CONDUCTOR FOR THE WIRING SYSTEM, AND THE TILETHOME SYSTEM SHALL BE SECURELY GROUNDED. THE GROUNDS SHALL BE NEC GROUNDS IN EACH CASE.
A. A GROUND SHALL BE ESTABLISHED AND TESTS CARRIED OUT TO INDICATE THAT

. A GROUND SHALL BE ESTABLISHED AND TESTS CARRIED OUT TO INDICATE THAT
SATISFACTORY GROUND HAS BEEN ESTABLISHED IN ACCORDANCE WITH THE NEC.
WRITTEN RESULTS OF THIS TEST SHALL BE FORWARDED TO THE ENGINEER BEFORE
CONNECTION TO THE SERVICE.
END OF SECTION 26450

SECTION 24670

PANELBOARDS

A FURNISH AND INSTALL DISTRIBUTION AND POWER PANELBOARDS AS INDICATED IN THE PANELBOARDS SCHEDULE AND WHERE SHOWN ON THE DRAWINGS. PANELBOARDS SHALL BE DEAD FRONT SAFETY TYPE, EQUIPPED WITH QUICK MAKE, QUICK ABEGAURE SHALL BE DEAD FRONT SAFETY TYPE, EQUIPPED WITH QUICK MAKE, QUICK ABEGAURE SHALL BE DEAD FRONT SAFETY TYPE, EQUIPPED WITH QUICK MAKE, QUICK ABEGAURE SHALL BE ADD APPROVED FOR SERVICE ENTRANCE UNLESS SIZEMENS, QUICK BE AND APPROVED FOR SERVICE ENTRANCE UNLESS SIZEMENS, QUICK BY AND APPROVED FOR SERVICE ENTRANCE UNLESS SIZEMENS, QUICK BY AND APPROVED FOR SERVICE ENTRANCE UNLESS SIZEMENS, QUICK BY AND APPROVIDED, ALL PURISHED BY AND SHALL BE ULL LISTED AND BEAR THE UL LABEL BY WHERE PROVIDED, ALL PURISHED BRANCH SHALL BE QUICK MAKE, QUICK BREAK, WITH VISIBLE BLADES AND DUAL HORSEFOWER RATINGS SWITCH HANDLES SHALL ALSO BE SHALL HEY SIZEMEN FOR AND APPROVIDED, ALL PURISHED BRANCH SHALL BE WITH SHALL BE QUICK SHALL ALSO BE SHALL HEY SIZEMEN FOR AND APPROVIDED AND ALTO APPROVIDED, ALL CIRCUT BREAK FOR AND APPROVIDED TO ALLOW AUTHORIZED PERSONNEL. TO RECEIVE AND APPROVIDED ALL CIRCUT BREAKERS SHALL BE FULLY RATED FOR THE LISTED AMPACTLY AND PROVIDED WITH MECHANICAL SECURING DEVICE (BOLT-ON). A CARPHOLDER, PROVIDED, ALL CIRCUT BREAKERS SHALL BE MOUNTED ON RACH BRAWNES. STALL BE PROVIDED WITH THE STALL SHOWN ON THE DANGE BOAT SHALL SHOWN ON THE DAY SHOWN ON THE DAY SHALL SHALL SHOWN ON THE DAY SHALL SHALL SHALL SHALL CANDING THE LORD ON THE DEAD AND STRUCTURE SHALL ACCOMMODATE PLUC-ON OR BOLTED BRANCH SWITCHES AND MOTOR STARTESS SHALL BE THAT THE AND SHALL BE STRUCTURE SHALL ACCOMMODATE PLUC-ON OR BOLTED BRANCH SWITCHES AND MOTOR STARTESS SHALL BE READED AND BECOME SHALL SHAL

BAKED ENAMEL FINISH.

7. TERMINALS FOR FEEDER CONDUCTORS TO THE PANELBOARD MAINS AND NEUTRAL SHALL BE SUITABLE FOR THE TYPE OF CONDUCTOR SPECIFIED TERMINALS FOR BRANCH CIRCUIT WIRING, BOTH BREAKER AND NEUTRAL, SHALL BE SUITABLE FOR THE TYPE OF CONDUCTOR SPECIFIED.

6. BEFORE INSTALLINO PANELBOARDS CHECK ALL OF THE ARCHITECTURAL DRAWINGS FOR ROSSIBLE CONFLICT OF SPACE AND ADJUST THE LOCATION OF THE PANELBOARD AND THE OTHER TERM OF THE PANELBOARDS SHALL BE MOUNTED IN ACCORDANCE WITH THE NEC. THE BANELBOARDS SHALL BE MOUNTED IN ACCORDANCE WITH THE NEC. THE BANELBOARD NITRACTOR SHALL FURNISH ALL MATERIAL FOR MOUNTING THE

END OF SECTION 26470

END OF SECTION 26470

SECTION MAGNIT PANELBOARD

BRANSCH CIRCUIT PANELBOARD

A POWER AND LIGHTING PANELS SHALL BE OF THE DEAD-FRONT, SAFETY TYPE, WITH
THERMAL MAGNIETIC, QUICKMARE, QUICK BREAK, TRIP FREE, BOLTED-TYPE MOLDED
CASE CIRCUIT BREAKERS NO ULUGS, NEUTRAL BUS, AND GROUND BUS ARE ALL AS SHOWN
ON THE DRAWNOS, BUS BARS SHALL BE RECLARGULAR, SOLID COPPER, SECURELY
MANDEN SHALL BE CONSTRUCTED OF CODE GRADE SHALL BE SECURELY
MAD SHALL BE CONSTRUCTED OF CODE GRADE SHALL BE CURELY
SHALL BE CONSTRUCTED OF CODE GRADE STEEL, ADJUSTABLE INDICATING TRIM
CLAMPS AND WITH DOOR PROVIDED WITH CONCEALED HINGES AND CYLINDER TYPE
LOCK AND CATCH. TWO KEYS PER PANEL SHALL BE FURNISHED, AND ALL LOCKS KEYLED
ALIKE: FRONT SHALL BE THENSIF PAINTED BULG GRAY.

ALIKE: FRONT SHALL BE THENSIF PAINTED BULG GRAY.

BULL GRAY.

BULG AND CATCH. TWO KEYS PER PANEL SHALL BE FURNISHED, AND ALL LOCKS KEYLED
ALKE: FRONT SHALL BE THENSIF PAINTED BULG GRAY.

BULG ALL WITH BRANCH BEGAKES, MAIN BREAKERS OR LUGS, NEUTRAL AND GROUND
BUSS, ETC. ALL AS SHOWN ON THE DRAWNOS.

C. POWER AND LIGHTING PANEL CONSTRUCTION DETAILS SHALL BE IN ACCORDANCE
WITH ULT STANDARDS AND SHALL CONSTRUCTION DETAILS SHALL BE IN ACCORDANCE
WITH ULT STANDARDS AND SHALL CONSTRUCTION DETAILS SHALL BE IN ACCORDANCE
WITH ULT STANDARDS AND SHALL CONSTRUCTION DETAILS SHALL BE IN ACCORDANCE
WITH ULT STANDARDS AND SHALL CONFORM TO NEMA STRADARDS. THEY SHALL BEAR
THE ULL LABEL. POWER AND LIGHTING PANELS SHALL MEET ALL REQUIREMENTS OF THE
GOVERNMON CONCEANED THE SEALL SHALL BE THE SHALL BEAR THE PART SHALL BEAR THE PANEL SHALL BEAR THE PART SHALL BEAR THE PANEL SHALL SHALL BE THE PANEL SHALL BEAR THE PANEL SHALL SHALL BEAR THE PANEL S

GOVERNING NEC.

D. ALL PANEL DIRECTORIES SHALL BE TYPED AND TERMINOLOGY APPROVED BY THE OWNER.

END OF SECTION 26471

SECTION 26475
CAUCHO CURRENT PROTECTIVE DEVICES

DVERCURRENT PROTECTIVE DEVICES
A. THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL WHERE INDICATED ON
THE DRAWINGS OR AS REQUIRED BY THE NEC MOLDED CASE CIRCUIT BREAKERS IN A
NEMA TYPE 1 ENCLOSURE. BEINGARERS SHALD BE MANUALLY OPERATED, TRIP PRIECA IND
HOME TYPE 1 ENCLOSURE. BEINGARERS SHALD BE MANUALLY OPERATED, TRIP PRIECA IND
BE (THERMALLY, MAGNETICALLY) OPERATED, SHALL OPEN INSTANTANEOUSLY ON
SHORT CIRCUITS AND HAVE THE DELIAY ON OVERLOADS, AND HAVE EFFECTIVE
SCALING AGAINST TAMPERING. BREAKERS SHALL BE AS CALLED FOR ON THE DRAWINGS
OR IN THE PARELBOARD SCEIEDULE AND AS MANUFACTURED BY SEMENS, SQUARED, OR

APPROVED EQUAL.

B. FUSES, UNLESS INDICATED OTHERWISE, SHALL BE DUAL ELEMENT, TIME LAG,
CAPTRIDGE TYDE AS MANUFACTURED BY BUSSMAN. FUSES FOR MOTOR CIRCUITS SHALL BE SIZED IN ACCORDANCE WITH THE NEC. LABELS INDICATING THE SIZE AND TYPE OF REPLACEMENT FUSES SHALL BE GLUED TO INSIDE OF DOOR ON ALL FUSIBLE SWITCHES

INDICATED.

) SPARES: SPARE FUSES AMOUNTING TO 10% (MINIMUM THREE) OF EACH TYPE AND RATING SHALL BE SUPPLIED BY THE ELECTRICAL CONTRACTOR. THESE SHALL BE TURNED OVER TO THE OWNER UPON PROJECT COMPLETION.

END OF SECTION 26475

PPROVED DESIGN. THE ELECTRICAL CONTRACTOR SHALL RECEIVE AND PROPERLY STORE THE

GENERAL UNLESS OTHERWISE INDICATED ALL HEATING, VENTILATING, AIR CONDITIONING, PLUMBING, AND OTHER MECHANICAL EQUIPMENT, MOTORS, AND CONTROLS SHALL BE FUNNISHED, SET IN PLACE AND WIRED PER COVER SHEET MATRIX

WAITTEN INSTRUCTIONS FOR RESOLUTION.
5.USE FLEXIBLE CONDUIT FOR ALL CONNECTIONS TO DEVICES DIRECTLY ATTACHED TO DUCTS, PIPING AND MECHANICAL EQUIPMENT.
END OF SECTION 26901

TING AS SOON AS ELECTRIC POWER IS AVAILABLE AND CONNECTED TO SERVE THE BUIDMENT IN THE BUILDING. AND EVERYTHING IS READY FOR FINAL TESTING AND A. AS SOUN AS ELECTRIC POWER IS AVAILABLE AND CONNECTED TO SERVE THE EQUIPMENT IN THE BUILDING, AND EVERTHING IS READY FOR FIRAL TESTING AND FLACING IN SERVICE, A COMPLETE OPERATIONAL TEST SHALL BE MADE. THE CONTRACTOS SHALL FURNISH ALL NECESSARY INSTRUMENTS AND EQUIPMENT AND MAKE ALL TESTS, ADJUSTMENTS, AND TRIAL OPERATIONS REQUIRED TO PLACE THE SYSTEM IN BLAINED AND SATISFACTORY OPERATING CONDITION, FURNISH ALL SYSTEM IN BLAINED AND SATISFACTORY OPERATING CONDITION, FURNISH ALL SYSTEM IN BLAINED AND SATISFACTORY OPERATING CONDITION, FURNISH ALL SYSTEM IN STRUMENT OF THE SYSTEM AND SATISFACTORY OF THE SYSTEM.

AUTHORIZED PERSONNEL IN THE OPERATION AND CARE OF THE SYSTEM.

B. PRIOR TO TESTING THE SYSTEM, THE FEDERS AND BRANCH CIRCUITS SHALL BE CONTINUOUS FROM MAIN FEDERS TO MAIN PANELS, TO SUBPANELS, TO OUTLETS, WITH ALL BREAKERS AND FURSE IN PLACE. THE SYSTEM SHALL BE TESTED FREE FROM SHORTS AND GROUNDS. SUCH TESTS SHALL BE MADE IN THE PRESENCE OF THE ENGINEER'S SEPRESSENTATIVE.

REPRESENTATIVE.

NO CIRCUITS SHALL BE ENERGIZED WITHOUT THE OWNER'S APPROVAL.

THE RIGHT IS RESERVED TO INSPECT AND TEST ANY PORTION OF THE EQUIPMENT
ANDIOR MATERIALS DURING THE PROGRESS OF ITS ERECTION. THE CONTRACTOR SHAFURTHER TEST ALL WIRNO AND CONNECTIONS FOR CONTINUITY AND GROUNDS BERCONNECTIONS ANY PENTURES OREQUIPMENT.

THE CONTRACTOR SHALL TEST THE ENTIRE SYSTEM IN THE PRESENCE OF THE
ARCHITECT OR HIS ENGINEER WHEN THE SYSTEM IS INVALUX COMPLETED TO ENSURE
THAT ALL PORTIONS ARE FREE FROM SHORT CIRCUITS OR GROUND FAULTS.

END OF SECTION 265930

SECTION 26980
DEMONSTRATION OF ELECTRICAL EQUIPMENT
A. THE ELECTRICAL CONTRACTOR SHALL PROVIDE THE ARCHITECT WITH CERTIFICATION
OF THE INSPECTION AND APPROVAL OF AN ACTIVE MEMBER OF THE INTERNATIONAL
ASSOCIATION OF ELECTRICAL INSPECTORS OF ALL WORK COMPLETED AND INCLUDED IN
THE SECTION, IF REQUIRED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING
THE INSPECTIOR WHEN WORK REACHES INSPECTION STAGE.

B. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE
AUTHORITY HAVING JURISDICTION IN TORSE THAT LOCAL INSPECTION MAY BE CARRIED

AUTHORITY HAVING JURISDICTION IN ORDER THAT LOCAL INSPECTION MAY BE CARRIED OUT AT THE PROPER STAGE.

OUT AT THE PROPER STAGE.

OUT AT THE PROPER STAGE.

STAGE THE LICETRICAL CONTRICTOR SHALL DAY FOR ALL PERMITS, INSPECTION FEES, AND THE CONTRICTOR SHALL GUIRED TO COMPLETE THE WORK UNDER THIS SECTION OF THE CONTRICTOR SHALL GUARANTEE THE MATERIALS AND WORKMANSHIP FOR A PERIOD OF TWELVE (12) MONTHS FROM THE TIME THE INSTALLATION IS ACCEPTED BY THE OWNER. IF, DURING THIS TIME, ANY DEFECTS SHOULD SHOW UP DUE TO ANY DEFECTION OF THE OWNER. IF, DURING THIS TIME, ANY DEFECTS SHOULD SHOW UP DUE TO ANY OF PROPER CARE ON THE DEFECTIVE MATERIALS, WORKMANSHIP, NEGLICENCE OR WANT OF PROPER CAKE ON IT PART OF THIS CONTRACTOR, HE SHALL FURNISH ANY NEW MATERIALS AS NECESSARY, REPAIR SAID DEFECTS, AND PLT THE SYSTEM IN ORDER AT HIS OWN EXPENSE ON ITS NOT THE SYSTEM OF THE OWNER OF THE OWNER OF THE OWNER OF THE OWNER OF THE OWNER.

NOT INTENDED TO IMPLY THAT THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR NEGLIGENCE OF THE OWNER.

END OF SECTION 26880

U-B ENGINEERS, INC 305 S. Main Street Unit 6 Palisade, CO 81526 ⇒

BID SET

J-U-B ENGINEERS, INC.

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OO NOT REPRODUCE THESE DRAWINGS AND SPECIFICATIONS WITHOUT THE EXPRESSED WRITTEN

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SECTION 26401

(GENERAL

GENERAL

GENER

ID PANELBOARDS. ALL FUSES SHALL BE OF THE CURRENT AND VOLTAGE RATING AS REOUIRED OR

SECTION 26901

SECTION ACROSS SECTION ACCOUNT AND MATERIALS USED IN RELATION TO CONTROL WORK FOR THE EMPORITY STALL BE NEW AND SHALL BEAR THE MANUFACTURER'S NAME AND TRADE NAME. THE EQUIPMENT AND MATERIAL SHALL BE ESSENTIALLY THE STANDARD PRODUCT OF A MANUFACTURER REGULARLY ENGAGED IN THE PRODUCTION OF THE REQUIRED TYPE OF EQUIPMENT AND SHALL BE THE MANUFACTURER'S LATEST ADMOSPLET IN DESIGN

APPROVED DESIGN.

B. THE ELECTRICAL CONTRACTOR SHALL RECEIVE AND PROPERLY STORE THE EQUIPMENT AND MATERIAL PERTAINING TO THE ELECTRICAL WORK. THE EQUIPMENT EQUIPMENT AND MATERIAL PERTAINING TO THE ELECTRICAL WORK. THE EQUIPMENT AND MATERIAL PERTAINING THE PROPERTY OF THE COMPLETE INSTALLATION OF THE EQUIPMENT AS RECOMBEDIDED OR AS WITHOUT ADDITIONAL COST TO THE OWNER, REGARDLESS OF WHETHER THE ITEMS ARE SHOWN ON THE PLANS OR COVERED IN THE PSECHECATION.

D. IT SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO CLEAN THE ELECTRICAL EQUIPMENT AND PLANS OR COVERED IN THE SPECIFICATION.

D. IT SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO CLEAN THE ELECTRICAL EQUIPMENT, MAKE NECESSARY ADDITIONAL AND PLACE THE EQUIPMENT AS STARTCHED DURING CONSTRUCTION SHALL BE TOUCHED JUP WITH FACTORY OF LOADS AND PLACE THE EQUIPMENT AND PLACE THE PROPERTY AND PLACE THE PLACE THE PROPERTY AND PLACE THE PROPERTY AND PLACE THE PROPERTY AND PLACE THE PROPERTY AND PLACE THE PL

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TROYER LIFT STATION PALISADE, COLORADO UMP ட

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