UTILITY INFORMATION										
COMPANY	CONTACT	TELEPHONE								
ARIZONA PUBLIC SERVICE CO. 1250 E. STATE ROUTE 89A COTTONWOOD, ARIZONA 86326	SANDY FINLEY	(928) 646-8463								
CENTURYLINK 4650 N. US HIGHWAY 89 FLAGSTAFF, ARIZONA 86001	CHAD HENKEL	(928) 821-4609								
SUDDENLINK 65 COFFEE POT DRIVE, SUITE A SEDONA, ARIZONA 86336	JOHN PATTERSON	(928) 299-1948								
UNISOURCE ENERGY SERVICES 215 COFFEE POT DRIVE SEDONA, ARIZONA 86336	JIM DUNCAN	(928) 203-1215								
ARIZONA WATER COMPANY 65 COFFEE POT DRIVE, STE 7 SEDONA, ARIZONA 86336	KEITH SELF	(928) 282-5555								
CITY OF SEDONA PUBLIC WORKS DEPT. 108 ROADRUNNER DRIVE SEDONA ARIZONA 86336	J. ANDY DICKEY, PE	(928) 204-7122								

COORDINATE CONTROL DATA

ARIZONA STATE PLANE COORDINATE SYSTEM 2007 GEODETIC DATUM: NAD83 (NSRS 2007) **VERTICAL DATUM: NAVD88** ZONE: ARIZONA CENTRAL (0202)

	LOCAL DATUM													
NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION										
1	1,392,759.0100	705,493.6300	4027.19	CPR FND NAIL IN SHINER AP-3007										
2	1,392,061.9902	704,969.4651	3993.39	IRON BAR										
3	1,392,161.9877	704,930.8367	3994.98	IRON BAR										

NOTES

CONTRACTOR IS TO USE EXTREME CAUTION WHEN WORKING NEAR HIGH

CONTRACTOR TO LOCATE AND DELINEATE TEMPORARY CONSTRUCTION EASEMENTS.

NO PORTION OF THIS PROJECT IS LOCATED WITHIN A FEMA DESIGNATED 100-YEAR FLOODPLAIN.

IN THIS PLANSET.



1650 Willow Creek Road, Prescott, Arizona 86301

Phone: (928) 776-1750, Fax: (928) 776-0605

OWNER CITY OF SEDONA, ARIZONA PROJECT CONTACT: J. ANDY DICKEY, PE

DIRECTOR OF PUBLIC WORKS/CITY ENGINEER

102 ROADRUNNER DRIVE SEDONA, AZ 86336

(928) 204-7111 MAYOR SANDY MORIARTY

VICE MAYOR JOHN MARTINEZ CITY MANAGER

JUSTIN CLIFTON

Scott A. Lyon, P.E. NAME

Vice President

CITY COUNCIL SCOTT JABLOW TOM LAMKIN JOHN CURRIVAN

SUBMITTED BY		
	August 2017	
- Control of the Cont	DATE	

JON THOMPSON

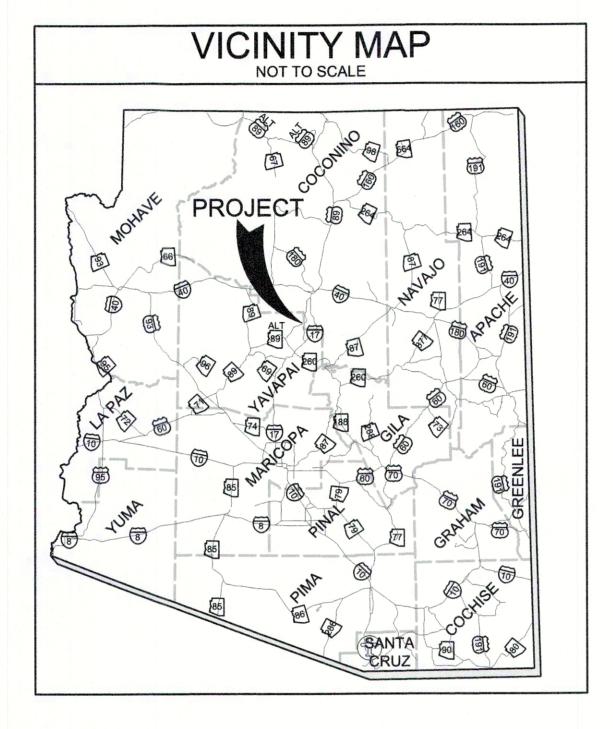
JOE VERNIER

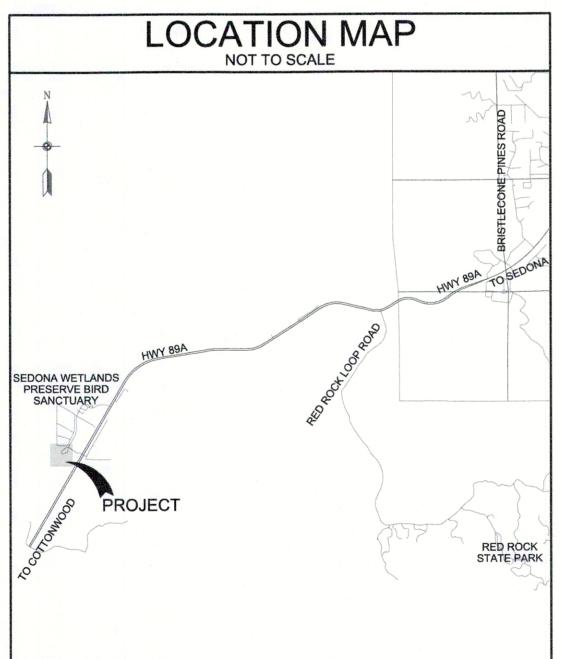
ARIZONA REGISTRATION NO.



CITY OF SEDONA PD SHOOTING RANGE IMPROVEMENT PLANS

LOCATED IN A PORTION OF SECTION 25, TOWNSHIP 17 NORTH, RANGE 4 EAST, GILA AND SALT RIVER MERIDIAN, YAVAPAI COUNTY, ARIZONA.





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APPROVAL DIRECTOR OF PUBLIC WORKS CITY ENGINEER

RECORD DRAWING STATEMENT

ON MY FIELD OBSERVATION AND INFORMATION PROVIDED BY THE GENERAL CONTRACTOR AND OTHERS, THAT THE WORK ON SHEETS 1 THROUGH ___, MARKED AS "RECORD DRAWING" HAS BEEN CONSTRUCTED IN SUBSTANTIAL CONFORMANCE WITH THESE CONSTRUCTION PLANS, SPECIFICATIONS, INCLUDING CHANGES AND REVISIONS.

REGISTERED LAND SURVEYOR/ENGINEER (PER ARS 32-1129.01) THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 15 DAYS AFTER CERTIFICATION AND APPROVAL OF BILLINGS

REGISTRATION NUMBER

NOTICE OF EXTENDED PAYMENT PROVISION

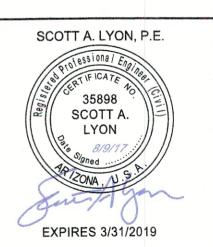
AND ESTIMATES FOR PROGRESS PAYMENTS, WITHIN 15 DAYS AFTER

BILLINGS AND ESTIMATES FOR FINAL PAYMENT.

CERTIFICATION AND APPROVAL OF BILLINGS AND ESTIMATES FOR RELEASE OF

RETENTION AND WITHIN 15 DAYS AFTER CERTIFICATION AND APPROVAL OF

EXPIRATION DATE



AUGUST 2017 LYON PROJECT # 889-06 DRAWING NUMBER G.01

FILENAME: G:\Projects\889_City_of_Sedona\889-06 PD shooting Range\CADD\DGN\PLANSET\PD Shooting Range Base.dgn

SHEE OVER

SHEET 1 OF 4

GENERAL NOTES

- 1. ALL CONSTRUCTION TO CONFORM TO MARICOPA ASSOCIATION OF GOVERNMENTS STANDARD SPECIFICATIONS AND DETAILS UNLESS SPECIFICALLY MODIFIED ON THE
- 2. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN, AT HIS OWN EXPENSE, SUCH PERMITS AS ARE REQUIRED FROM THE APPROPRIATE AGENCIES.
- 3. ANY WORK PERFORMED WITHOUT THE KNOWLEDGE AND APPROVAL OF THE CITY ENGINEER AND/OR ALL WORK MATERIALS NOT IN CONFORMATION WITH THE PLANS AND SPECIFICATIONS IS SUBJECT TO REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE.
- 4. THE CONTRACTOR SHALL KEEP SUITABLE EQUIPMENT ON HAND AT THE JOBSITE FOR MAINTENANCE DUST CONTROL, AND SHALL CONTROL DUST AS DIRECTED BY THE APPROPRIATE AGENCIES.
- 5. A THOROUGH ATTEMPT HAS BEEN MADE TO SHOW THE LOCATION OF ALL UNDERGROUND OBSTRUCTION AND UTILITY LINES IN THE WORK AREA. THE ENGINEER AND THE CITY OF SEDONA WILL NOT GUARANTEE ANY LOCATIONS OR ELEVATIONS OF EXISTING UNDERGROUND UTILITIES SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE AND SHALL NOT BE RELIEVED OF RESPONSIBILITY FOR MAKING A COMPLETE AND ACCURATE ON-SITE DETERMINATION OF THE LOCATIONS OF ALL UTILITIES, STRUCTURES, AND FIELD CONDITIONS WHICH MAY AFFECT THE PROGRESS OF THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO STRUCTURES AND UTILITIES ENCOUNTERED DURING CONSTRUCTION AND SHALL FIELD EXPOSE EXISTING UNDERGROUND UTILITIES PRIOR TO TRENCHING IN THEIR VICINITY.
- 6. ALL FRAMES, COVERS, VALVE BOXES, MANHOLES, ETC., SHALL BE ADJUSTED TO FINISHED ASPHALT GRADE AFTER PLACEMENT OF SURFACE COURSE BY THE CONTRACTOR AS PER MAG STANDARD DETAILS.
- 7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE RELOCATION OF ALL UTILITIES, POWER POLES, ETC., THAT MAY BE NECESSARY.
- 8. BASE COURSE WILL NOT BE PLACED ON SUBGRADE UNTIL SUBGRADE REQUIREMENTS HAVE BEEN COMPLETED AND ACCEPTED BY THE CITY ENGINEER.
- 9. NO PAVING CONSTRUCTION SHALL BE STARTED UNTIL ALL UNDERGROUND UTILITIES WITHIN THE ROADWAY PRISM ARE COMPLETED.
- 10. THE CONTRACTOR IS REQUIRED TO CONTACT BLUE STAKE (811) TWO WORKING DAYS (48 HOURS) PRIOR TO COMMENCEMENT OF CONSTRUCTION. THE APPROPRIATE UTILITY COMPANIES SHALL BE NOTIFIED BY THE CONTRACTOR PRIOR TO ANY CONSTRUCTION.
- 11. BACKFILL COMPACTION SHALL BE TYPE 1 (MAG SECTION 601) UNLESS OTHERWISE
- 12. ALL ASPHALT SHALL BE 19 MM MIX DESIGN AS PER CITY OF SEDONA. ALL MILLING PER CITY OF SEDONA.
- 13. CONTRACTOR/DEVELOPER SHALL WARRANT ALL WORK FOR A MINIMUM OF A TWO YEAR PERIOD.
- 14. THE CONTRACTOR SHALL GUARD AGAINST DAMAGE DURING CONSTRUCTION TO EXISTING PROPERTIES AND IMPROVEMENTS. ANY ITEMS DAMAGED BY CONSTRUCTION SHALL BE REPLACED IN KIND OR BETTER AT CONTRACTOR'S EXPENSE.
- 15. CONSTRUCTION STAKING SHALL BE BY THE CONTRACTOR WITH CONTROL PROVIDED BY THE DESIGN ENGINEER WHO STAMPED THE PLANS.
- 16. CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION SURVEYING AND LAYOUT. ANY QUESTIONS SHALL BE ADDRESSED TO THE DESIGN ENGINEER WHO STAMPED THE
- 17. THE CITY OF SEDONA MAY ORDER ANY OR ALL WORKMANSHIP AND MATERIALS TO BE TESTED ACCORDING TO APPLICABLE STANDARDS.
- 18. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL REWORK AND/OR REMOVAL AND REPLACEMENT OF ALL MATERIALS AND/OR WORKMANSHIP REPRESENTED BY A FAILING
- 19. APPROVAL OF A PORTION OF THE WORK IN PROGRESS DOES NOT GUARANTEE ITS FINAL ACCEPTANCE. TESTING AND EVALUATION MAY CONTINUE UNTIL WRITTEN FINAL ACCEPTANCE OF A COMPLETE AND WORKABLE UNIT.
- 20. THE CITY OF SEDONA MAY SUSPEND THE WORK BY WRITTEN NOTICE WHEN, IN ITS JUDGEMENT, PROGRESS IS UNSATISFACTORY, WORK BEING DONE IS UNAUTHORIZED OR DEFECTIVE, WEATHER CONDITIONS ARE UNSUITABLE OR THERE IS A DANGER TO THE PUBLIC HEALTH OR SAFETY.
- 21. STREET AND TRAFFIC SIGNS WILL BE RELOCATED BY THE CONTRACTOR IF NECESSARY AT THE DIRECTION OF THE CITY OF SEDONA.
- 22. ACCEPTANCE OF THE COMPLETED PAVING STRUCTURE WILL NOT BE GIVEN UNTIL REPRODUCIBLE 'AS-BUILT' PLANS HAVE BEEN SUBMITTED BY THE PROJECT ENGINEER OR CONTRACTOR. IF CONTRACTOR STAKED, AND APPROVED BY THE CITY ENGINEER AND YAVAPAI COUNTY.
- 23. EDGES OF CONCRETE STRUCTURES TO HAVE A 3/4 " CHAMFER.
- 24. CONCRETE SURFACES TO HAVE A BROOM FINISH UNLESS OTHERWISE NOTED ON THE
- 25. ALL CONCRETE TO BE 4000 P.S.I., CLASS 'A' PORTLAND CEMENT CONCRETE WITH FIBER MESH UNLESS OTHERWISE SPECIFIED ON PLANS.
- 26. ALL EXPANSION JOINTS TO BE SEALED WITH 1/2 " EXPANSION JOINT, PREFORMED JOINT FILLER AND SEALER IN ACCORDANCE WITH MAG SPECIFICATION 729.
- 27. ALL PCC CONCRETE THAT WILL ABUT ASPHALT PAVING SHALL BE PLACED AND ALLOWED TO CURE UNTIL DESIGN STRENGTH IS MET, OR A MINIMUM OF 72 HOURS PRIOR TO PAVING OF ROADS.
- 28. THE CONTRACTOR SHALL PROVIDE ADEQUATE MEANS FOR CLEANING TRUCKS AND/OR OTHER EQUIPMENT OF MUD PRIOR TO ENTERING PUBLIC STREETS. AND IT IS THE CONTRACTORS RESPONSIBILITY TO CLEAN STREETS, OF ALL DUST, AND TAKE WHATEVER MEASURES ARE NECESSARY TO INSURE THAT ALL ROADS ARE MAINTAINED IN A CLEAN, MUD AND DUST FREE CONDITION AT ALL TIMES.

PAVING AND DRAINAGE PLAN GENERAL NOTES

- 1. ALL CONSTRUCTION TO CONFORM TO MARICOPA ASSOCIATION OF GOVERNMENTS STANDARD SPECIFICATIONS AND DETAILS UNLESS SPECIFICALLY MODIFIED ON
- 2. CITY OF SEDONA PUBLIC WORKS DEPARTMENT PERMIT WILL BE REQUIRED FOR ALL OFF-SITE CONSTRUCTION AND CONSTRUCTION WITHIN PUBLIC EASEMENTS.
- 3. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN, AT HIS OWN EXPENSE, PERMITS FROM THE APPROPRIATE AGENCY.
- 4. WORK PERFORMED WITHOUT THE APPROVAL OF THE CITY ENGINEER AND/OR ALL WORK MATERIALS NOT IN CONFORMATION WITH THE PLANS AND SPECIFICATIONS IS SUBJECT TO REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE.

- 5. NO JOB WILL BE CONSIDERED COMPLETE UNTIL ALL CURBS, PAVEMENT, AND SIDEWALKS HAVE BEEN SWEPT CLEAN OF ALL DIRT AND DEBRIS.
- 6. THE CONTRACTOR SHALL KEEP SUITABLE EQUIPMENT ON HAND AT THE JOB SITE FOR MAINTENANCE OF DUST CONTROL, AND SHALL CONTROL DUST AS DIRECTED BY THE APPROPRIATE AGENCIES.
- 7. A THOROUGH ATTEMPT HAS BEEN MADE TO SHOW THE LOCATIONS OF ALL UNDERGROUND OBSTRUCTIONS AND UTILITY LINES IN THE WORK AREA. HOWEVER, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO OBSTRUCTIONS AND UTILITY LINES ENCOUNTERED DURING CONSTRUCTION. AND SHALL DETERMINE THE EXACT LOCATION OF UTILITIES IN ADVANCE OF TRENCHING. THE ENGINEER AND/OR DEVELOPER WILL NOT GUARANTEE ANY ELEVATIONS OR LOCATIONS OF EXISTING UNDERGROUND UTILITIES SHOWN ON THESE PLANS.
- 8. ALL FRAMES, COVERS, VALVE BOXES, MANHOLES, ETC., SHALL BE ADJUSTED TO FINISHED GRADE AFTER PLACEMENT OF SURFACE COURSE AND PRIOR TO CHIP SEAL BY THE CONTRACTOR AS PER MAG STANDARD DETAIL 4-05.
- 9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE RELOCATION OF ALL UTILITIES, POWER POLES, ETC., THAT MAY BE NECESSARY.
- 10. BASE COURSE WILL NOT BE PLACED ON SUBGRADE UNTIL SUBGRADE REQUIREMENTS HAVE BEEN COMPLETED AND ACCEPTED BY THE CITY ENGINEER.
- 11. NO PAVING CONSTRUCTION SHALL BE STARTED UNTIL ALL UNDERGROUND UTILITIES WITHIN THE ROADWAY PRISM ARE COMPLETED.
- 12. THE CONTRACTOR IS REQUIRED TO CONTACT BLUE STAKE TWO WORKING DAYS (48 HOURS) PRIOR TO COMMENCEMENT OF CONSTRUCTION (811).
- 13. ANY QUANTITIES SHOWN ON THE PLANS ARE NOT VERIFIED BY THE CITY ENGINEER.
- 14. BACKFILL COMPACTION SHALL BE TYPE 1 UNLESS OTHERWISE NOTED.
- 15. ALL A.C. SHALL BE 19 MM OR MILLING AS PER THE CITY OF SEDONA. MIX DESIGN SHALL BE SUBMITTED PRIOR TO START OF CONSTRUCTION.
- 16. ALL PLANS SIGNED BY THE CITY ENGINEER IN CHARGE ARE NULL AND VOID ONE YEAR FROM DATE OF SIGNATURE IF CONSTRUCTION HAS NOT STARTED.
- 17. CONTRACTOR SHALL WARRANT ALL WORK FOR A MINIMUM OF A TWO-YEAR PERIOD.
- 18. PROJECT ENGINEER TO PROVIDE "AS-BUILTS" TO C.O.S. AT COMPLETION OF CONSTRUCTION IN ELECTRONIC FORMAT.
- 19. ALL HDPE, CMP AND RGRCP TO BE WATER TIGHT.

(MAG. 601 AND 603 FOR HDPE)

EARTHWORK NOTES

- 1. ALL VOLUMES ARE RAW AND DO NOT INCLUDE SPOILS FROM UTILITY TRENCHES.
- 2. THE ENGINEER MAKES NO REPRESENTATION OR GUARANTEE REGARDING EARTHWORK QUANTITIES OR THAT THE EARTHWORK FOR THIS PROJECT WILL BALANCE DUE TO THE VARYING FIELD CONDITIONS, CHANGING SOIL TYPES, ALLOWABLE CONSTRUCTION TOLERANCES AND CONSTRUCTION METHODS THAT ARE BEYOND THE CONTROL OF THE ENGINEER.
- 3. PRIOR TO BIDDING THE WORK, THE CONTRACTOR SHALL THOROUGHLY SATISFY HIMSELF AS TO THE ACTUAL CONDITIONS, EARTHWORK QUANTITIES, AND REQUIREMENTS OF WORK AND EXCESS OR DEFICIENCY IN EARTHWORK QUANTITIES, IF ANY. NO CLAIM SHALL BE MADE AGAINST THE OWNER OR ENGINEER FOR ANY EXCESS OR DEFICIENCY THEREIN. ACTUAL OR RELATIVE.

ENGINEERS NOTES

- THE CONTRACTOR IS TO COMPLY WITH ALL LOCAL, STATE, AND FEDERAL LAWS AND REGULATIONS APPLICABLE TO THE CONSTRUCTION COVERED BY THESE PLANS.
- 2. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND COMPLYING WITH ALL LOCAL, STATE, AND FEDERAL PERMITS REQUIRED TO COMPLETE ALL WORK COVERED BY THESE PLANS.
- 3. THE QUANTITIES AND SITE CONDITIONS DEPICTED IN THESE PLANS ARE FOR INFORMATIONAL PURPOSES ONLY AND ARE SUBJECT TO ERROR AND OMISSION, CONTRACTORS SHALL SATISFY THEMSELVES AS TO ACTUAL QUANTITIES AND SITE CONDITIONS PRIOR TO BIDDING THE WORK FOR THE CONSTRUCTION COVERED BY THESE PLANS.
- 4. A REASONABLE EFFORT HAS BEEN MADE TO SHOW THE LOCATIONS OF EXISTING UNDERGROUND FACILITIES AND UTILITIES IN THE CONSTRUCTION AREA. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO UTILITIES AND/OR FACILITIES CAUSED DURING THEIR CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL CALL FOR BLUE STAKE (811) PRIOR TO ANY EXCAVATION.
- 5. THE CONTRACTOR IS RESPONSIBLE FOR ALL COORDINATION OF CONSTRUCTION AFFECTING UTILITIES AND THE COORDINATION OF ANY NECESSARY UTILITY RELOCATION WORK.
- 6. THE CONTRACTOR IS TO VERIFY THE LOCATION AND THE ELEVATIONS OF ALL EXISTING UTILITIES AT POINTS FOR TIE-IN PRIOR TO COMMENCING ANY NEW CONSTRUCTION. SHOULD ANY LOCATION OR ELEVATION DIFFER FROM THAT SHOWN ON THESE PLANS, THE CONTRACTOR SHALL CONTACT THE OWNER'S AGENT
- 7. THESE PLANS ARE SUBJECT TO THE INTERPRETATION OF INTENT BY THE ENGINEER. ALL QUESTIONS REGARDING THESE PLANS SHALL BE PRESENTED TO THE ENGINEER. ANYONE WHO TAKES UPON THEMSELVES THE INTERPRETATION OF THE DRAWINGS OR MAKES REVISIONS TO THEM WITHOUT CONFERRING WITH THE DESIGN ENGINEER SHALL BE RESPONSIBLE FOR THE CONSEQUENCES
- 8. THE FINAL CONSTRUCTION AS-BUILTS MUST BE CERTIFIED BY AN ENGINEER LICENSED IN THE STATE OF ARIZONA.
- 9. THE CONTRACTOR SHALL MAKE NO CLAIM AGAINST THE OWNER, THE ENGINEER OR SURVEYOR REGARDING INACCURACY OF CONSTRUCTION STAKES SET FORTH BY THE ENGINEER OR SURVEYOR, UNLESS ALL SURVEY STAKES SET BY THE ENGINEER OR SURVEYOR ARE MAINTAINED INTACT AND CAN BE VERIFIED AS TO THEIR ORIGIN. IF, IN THE OPINION OF THE ENGINEER OR SURVEYOR, THE STAKES ARE NOT MAINTAINED INTACT AND CANNOT BE VERIFIED AS TO THEIR ORIGIN, ANY REMEDIAL WORK REQUIRED TO CORRECT ANY ITEM, SHALL BE PERFORMED AT THE SOLE EXPENSE OF THE RESPONSIBLE CONTRACTOR OR SUBCONTRACTOR.
- 10 NOTHING CONTAINED IN THE CONTRACT DOCUMENTS SHALL CREATE, NOR SHALL BE CONSTRUED TO CREATE, ANY CONTRACTUAL RELATIONSHIP BETWEEN THE ENGINEER AND THE CONTRACTOR OR ANY SUBCONTRACTOR.
- 11.THE ENGINEER SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS METHODS. TECHNIQUES. SEQUENCES OR PROCEDURES OR FOR SAFETY PRECAUTIONS OR PROGRAMS UTILIZED IN CONNECTION WITH THE WORK. THE ENGINEER WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

DESIGN ENGINEER'S NOTES

- 1. THE CONTRACTOR SHALL MAKE NO CLAIM AGAINST THE OWNER. THE DESIGN ENGINEER OR SURVEYOR REGARDING INACCURACY OF CONSTRUCTION STAKES SET FORTH BY THE DESIGN ENGINEER OR SURVEYOR, UNLESS ALL SURVEY STAKES SET BY THE DESIGN ENGINEER ARE MAINTAINED INTACT AND CAN BE VERIFIED AS TO THEIR ORIGIN. IF, IN THE OPINION OF THE DESIGN ENGINEER, THE STAKES ARE NOT MAINTAINED INTACT AND CANNOT BE VERIFIED AS TO THEIR ORIGIN, ANY REMEDIAL WORK REQUIRED TO CORRECT ANY ITEM. SHALL BE PERFORMED AT THE SOLE EXPENSE OF THE RESPONSIBLE CONTRACTOR OR SUBCONTRACTOR.
- 2. NOTHING CONTAINED IN THE CONTRACT DOCUMENTS SHALL CREATE, NOR SHALL BE CONSTRUED TO CREATE, ANY CONTRACTUAL RELATIONSHIP BETWEEN THE DESIGN ENGINEER AND THE CONTRACTOR OR ANY SUBCONTRACTOR.
- 3. THE DESIGN ENGINEER SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES OR FOR SAFETY PRECAUTIONS OR PROGRAMS UTILIZED IN CONNECTION WITH THE WORK. THE DESIGN ENGINEER WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- 4. THE DESIGN ENGINEER MAKES NO REPRESENTATION OR GUARANTEE REGARDING EARTHWORK QUANTITIES OR THAT THE EARTHWORK FOR THIS PROJECT WILL BALANCE DUE TO THE VARYING FIELD CONDITIONS, CHANGING SOIL TYPES, ALLOWABLE CONSTRUCTION TOLERANCES AND CONSTRUCTION METHODS THAT ARE BEYOND THE CONTROL OF THE DESIGN ENGINEER.
- 6. PRIOR TO BIDDING THE WORK. THE CONTRACTOR SHALL THOROUGHLY SATISFY HIMSELF AS TO THE ACTUAL CONDITIONS, EARTHWORK QUANTITIES, AND REQUIREMENTS OF WORK AND EXCESS OR DEFICIENCY IN EARTHWORK QUANTITIES, IF ANY. NO CLAIM SHALL BE MADE AGAINST THE OWNER/DEVELOPER OR DESIGN ENGINEER FOR ANY EXCESS OR DEFICIENCY THEREIN, ACTUAL OR RELATIVE.

11

OVERHEAD POWER PED PEDESTAL POWER POLE PAVEMENT GRADE PROPOSED PROJECT QUANTITIES **RGRCP** PAYITEM DESCRIPTION OF ITEM QUANTITY UNITS RIGHT-OF-WAY RIM GRADE EARTHWORK ROW RIGHT-OF-WAY **RADIUS POINT** Cut 0 CY Fill CY 20 SEWER CY Balance -20 STORM DRAIN DIRT ROADWAY SQUARE FOOT SHLDR SHOULDER 4 A.B.C. Backfill Per MAG Std. Det. 200-1 Modified Type E 163 SY **ASPHALT PAD** STREET SIGN SPEC **SPECIFICATIONS** Sawcut Asphalt Per MAG Std. Det. 200-1 Type B 23 LF SEWER SERVICE Replace Asphalt Per MAG Std. Det. 200-1 Type B SY 15 SSD STATION EΑ Bollard Per MAG STD. DET. 140 2 STANDARD WATER SERVICE SQUARE 2" PVC SCH. 40 Water 163 LF SIDEWALK 2" PVC Gate Valve, Box & Cover 2 EΑ **SQUARE YARDS** THRUST BLOCKING CONCRETE 4" Concrete Ramp & Sidewalk 266 SF **TEMP TEMPORARY** TOC EL 423 SF 4" Concrete Pad TOC TREE TOC OF CURB TYPICAL UNISOURCE GAS

NOTICE OF EXTENDED PAYMENT PROVISION

(PER ARS 32-1129.01) THIS CONTRACT ALLOWS THE OWNER TO MAKE

AND ESTIMATES FOR PROGRESS PAYMENTS. WITHIN 15 DAYS AFTER

BILLINGS AND ESTIMATES FOR FINAL PAYMENT.

PAYMENT WITHIN 15 DAYS AFTER CERTIFICATION AND APPROVAL OF BILLINGS

CERTIFICATION AND APPROVAL OF BILLINGS AND ESTIMATES FOR RELEASE OF

RETENTION AND WITHIN 15 DAYS AFTER CERTIFICATION AND APPROVAL OF

ABBREVIATION LEGEND

APPROXIMATE LOCATION AND/OR ELEVATION,

MUST BE FIELD VERIFIED

AGGREGATE BASE COURSE

A.B.C.

CMP

ENG.

EOG

EOP

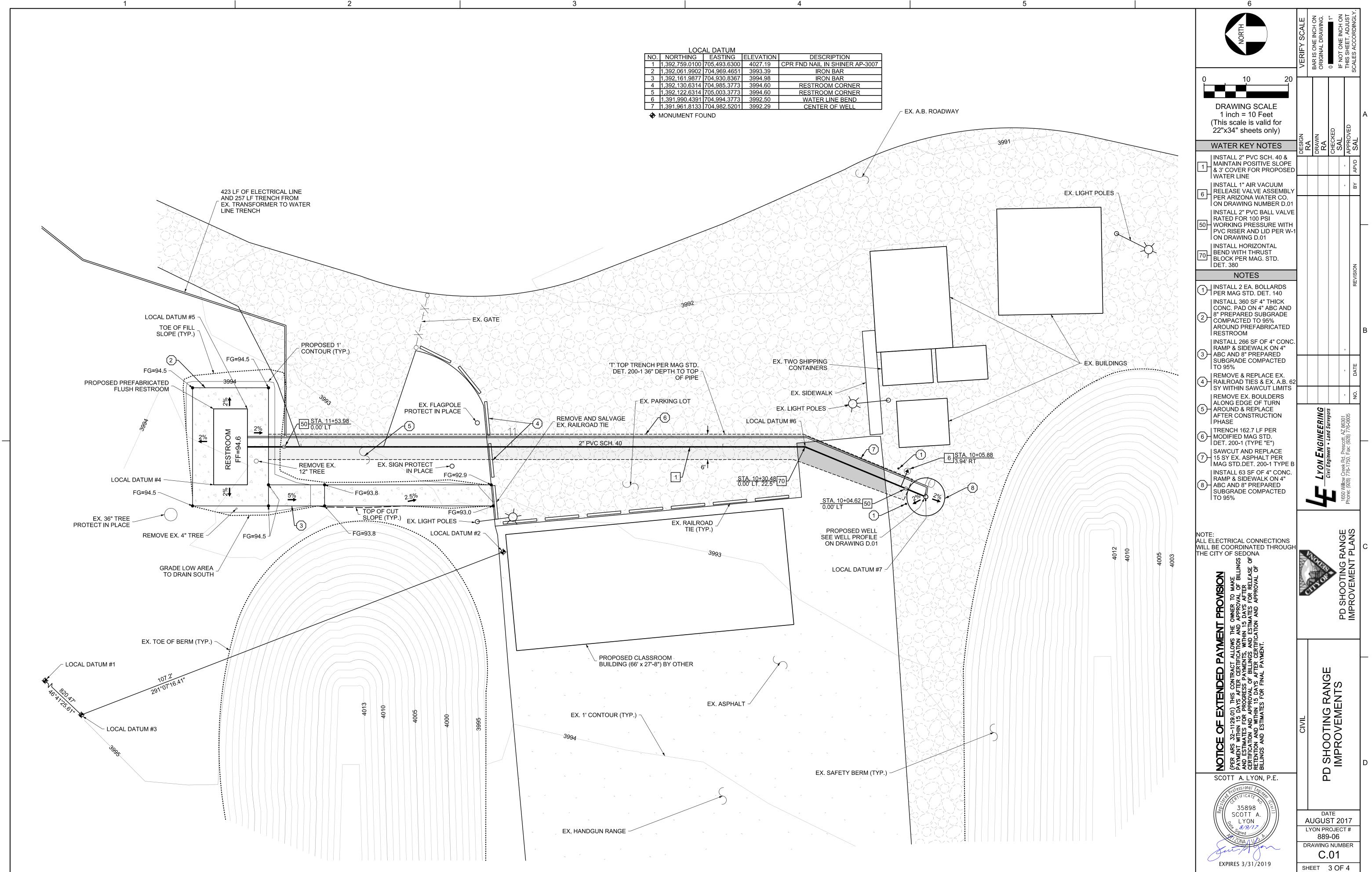
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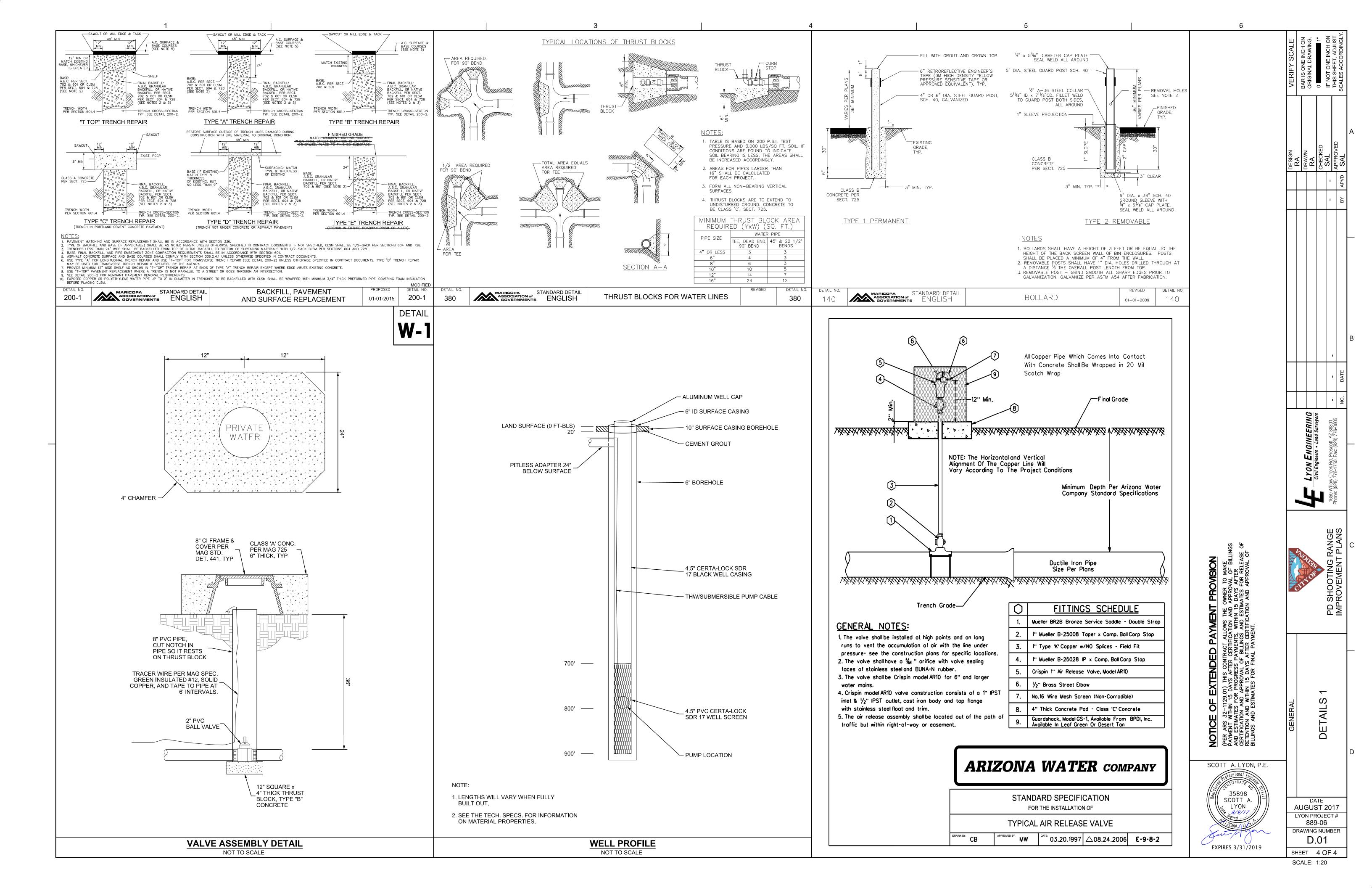
ADOT ARIZONA DEPARTMENT OF TRANSPORTATION **APPROX** APPROXIMATELY ARIZONA PUBLIC SERVICE **ARACFC** ASPHALT-RUBBER ASPHALTIC CONCRETE FRICTION COURSE AIR RELEASE VALVE ASSEMBLY BFV.B.&C. BUTTERFLY VALVE BOX & COVER **BEGIN CURB RETURN** BLDG BUILDING BOLLARD **BEGINNING OF PROJECT BEGIN PAVEMENT RETURN** CONCRETE ELEVATION **CCFRPMP** CENTRIFUGALLY CAST FIBERGLASS REINFORCED POLYMER MORTAR PIPE C.O.P. CITY OF PRESCOTT CITY OF PRESCOTT CATCH BASIN CORRUGATED METAL PIPE CLEAN OUT CONC. CONCRETE CUBIC YARDS DOUBLE DETAIL DRAINAGE MANHOLE DIAM. DIAMETER DUCTILE IRON PIPI **DVWY** DRIVEWAY END CURB RETURN FFFI UFNT ELEVATION ELEC ELECTRIC ENGINEERED EDGE OF GRAVEL EDGE OF PAVEMEN EDGE OF SHOULDER **END PAVEMENT RETURN ESMT** EASEMENT FXISTING FINISH GRADE ELEVATION FIRE HYDRANT FIBER FIBER OPTIC FLOW LINE ELEVATION 100-YEAR FLOODPLAIN FP(100) 100-YEAR FLOODWAY FW(100) G.V.B.&C. **GATE VALVE BOX & COVER** TOP OF GRATE ELEVATION GUY WIRE HORIZ. HORIZONTAL **HEADWALL** INVERT FLEVATION IRRIGATION MAIN LENGTH LENGTH LINEAR FEET LOW PRESSURE SEWER LENGTH OF RESTRAIN LUMP SUM MARICOPA ASSOCIATION OF GOVERNMENTS MAXIMUM MAILBOX POST MANHOLE MINIMUM MILES PER HOUR NUMBER POINT OF CURVATURE POINT OF INTERSECTION PRESSURE REDUCING VALVE RUBBER GASKETED REINFORCED CONCRETE PIPE STREET INTERSECTION STOPPING SIGHT DISTANCE TEMPORARY CONSTRUCTION ESMT. TOP OF CURB ELEVATION **VETERANS ADMINISTRATION** VERT. VERTICAL VALLEY GUTTER VERTICAL LINEAR FEET VERTICAL POINT OF CURVATURE VERTICAL POINT OF INTERSECTION VERTICAL POINT OF TANGENCY POTABLE WATER WATER METER WATER VALVE CROSSING YAVAPAI ASSOCIATION OF GOVERNMENTS GENER QUANI ABBRE YAVAPAI PRESCOTT INDIAN TRIBE SCOTT A. LYON, P.E. 35898 SCOTT A LYON **AUGUST 2017** 8/9/1 LYON PROJECT # 889-06

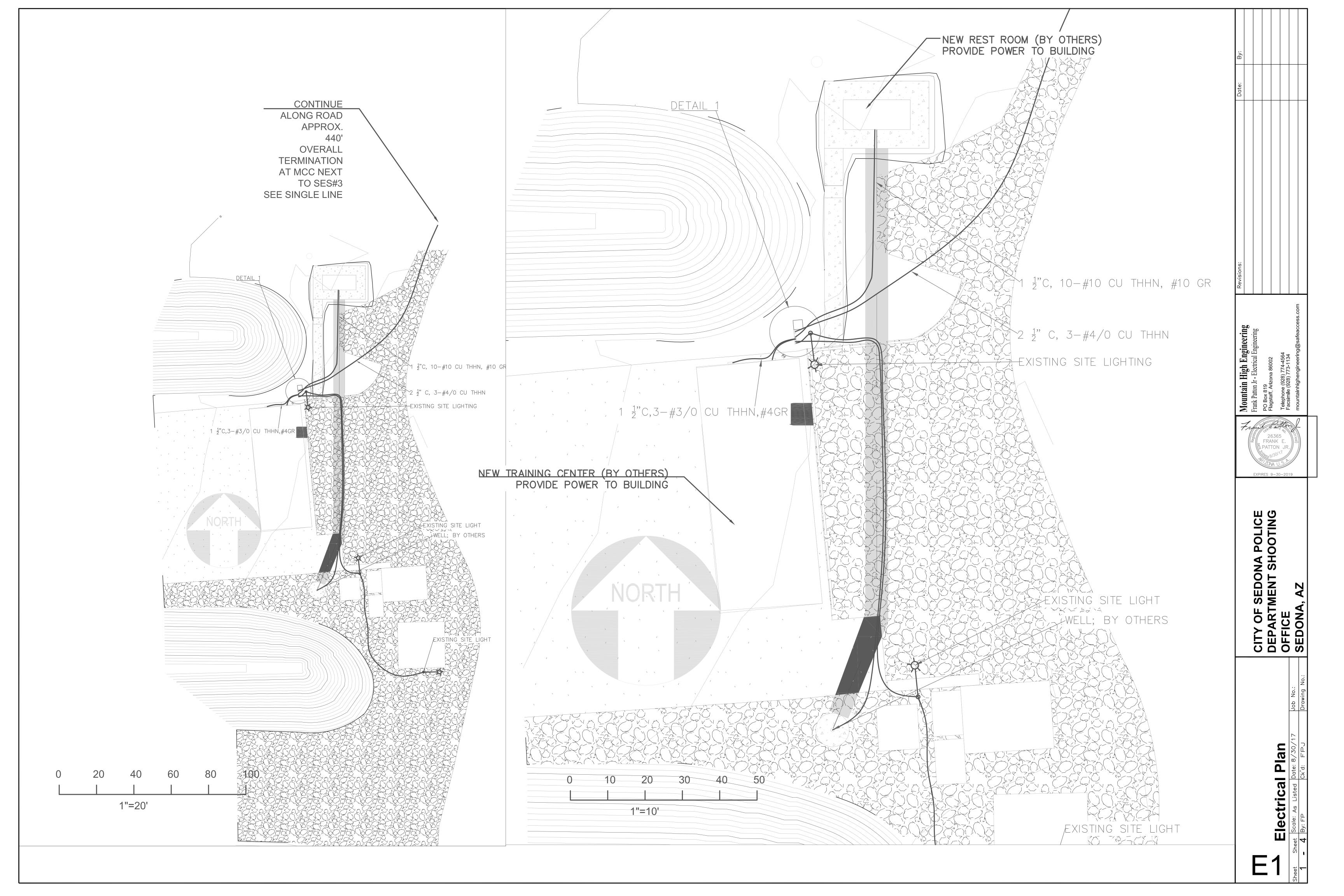
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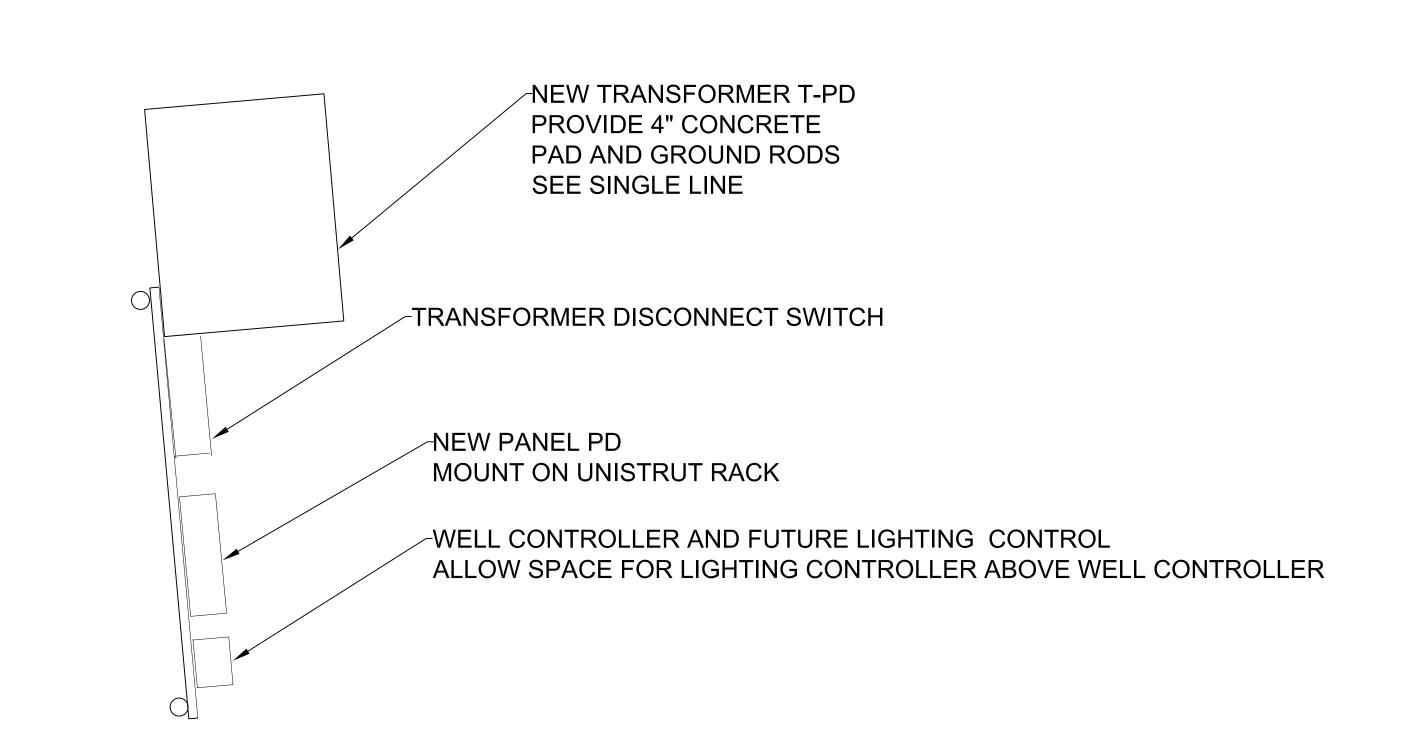
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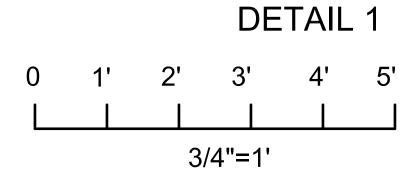
SHEET 2 OF 4

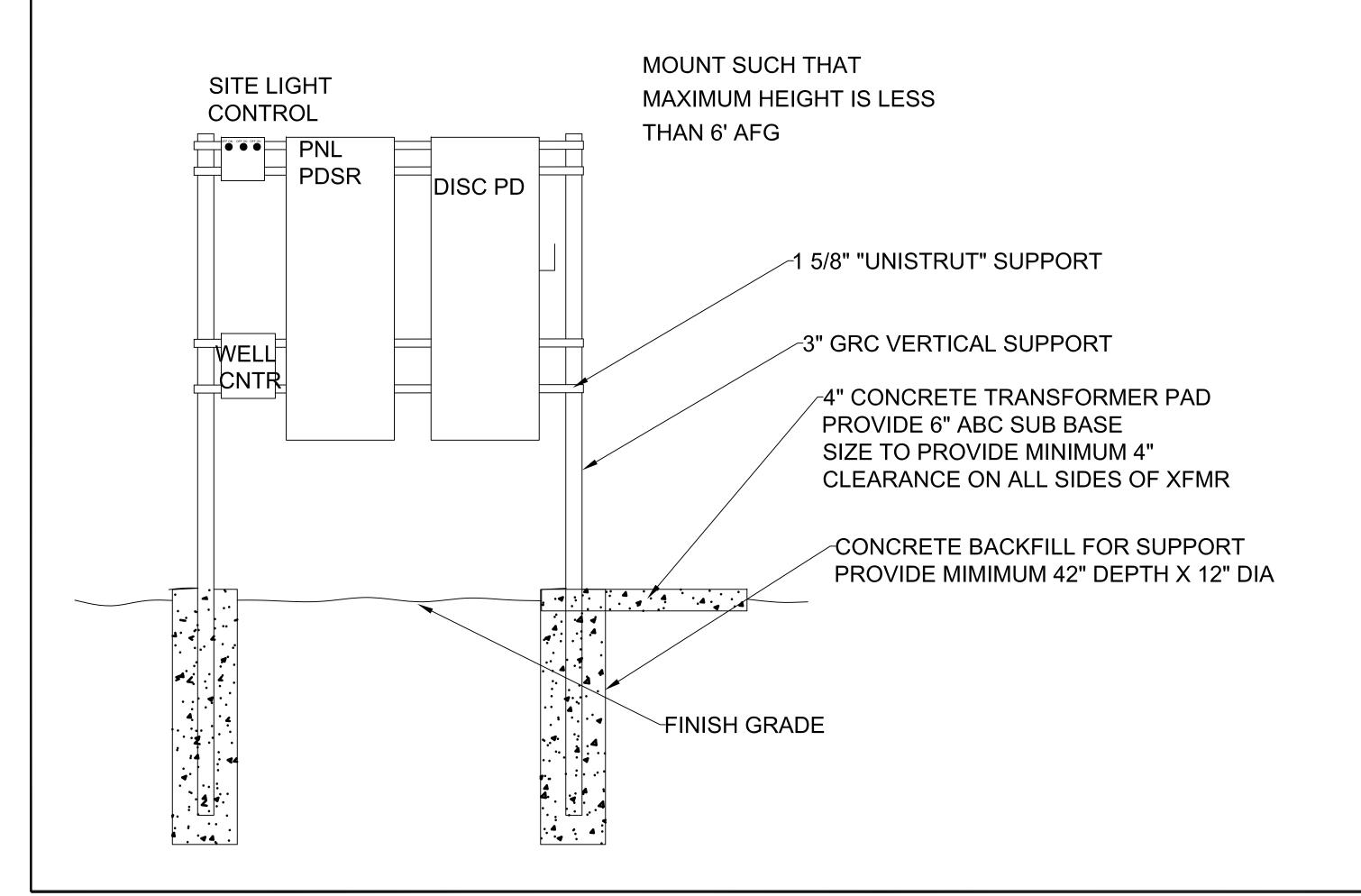


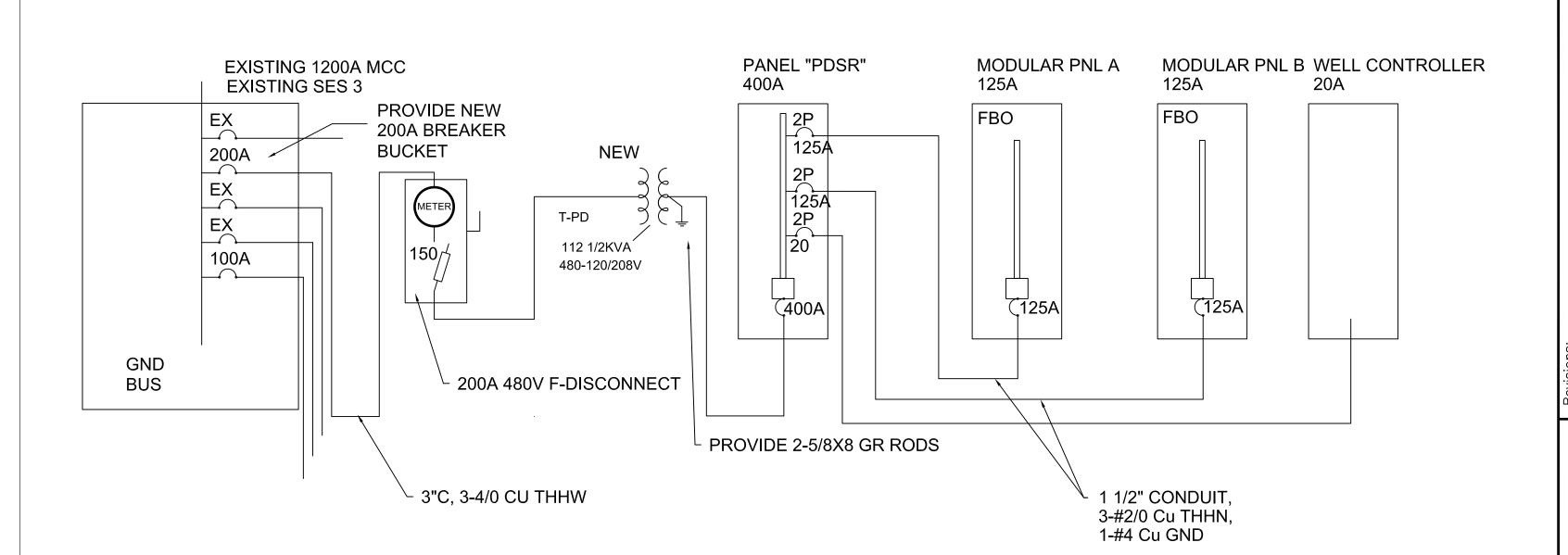




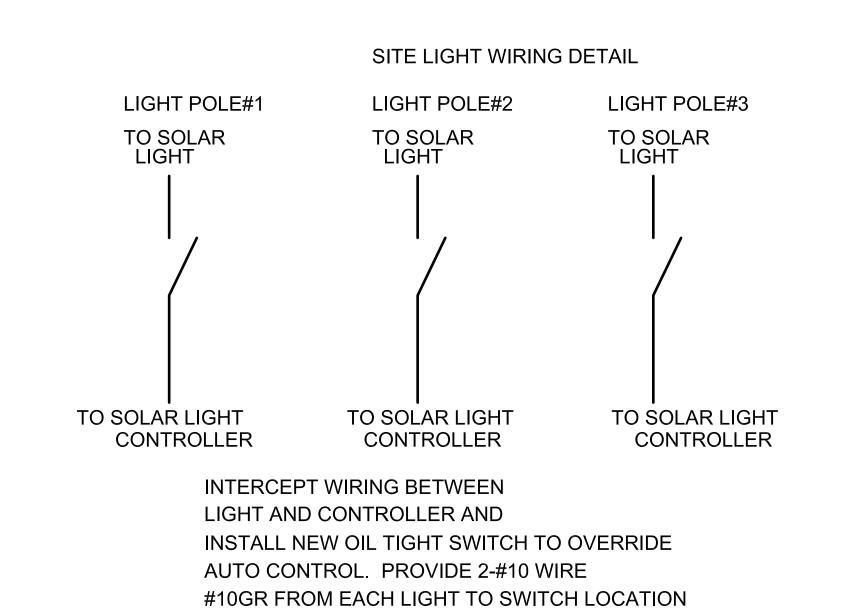


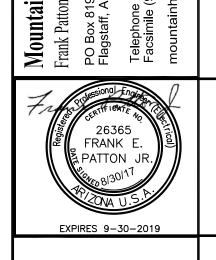












CITY OF SEDONA POLICE
DEPARTMENT SHOOTING
OFFICE
SEDONA, AZ

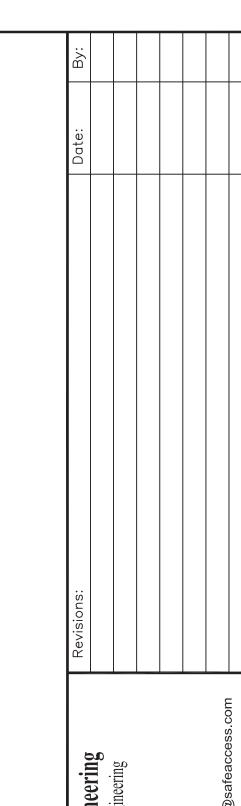
8/30/17 Job No.: FPJ Drawing No

SINGLE LINE A
SCHEDULES

Scale: NOT TO SCAF | Date: 8/30/17

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TYPE: NEMA 3R							MOU	INTIN	G: SURF	ACE			MIN A	AIC: 1	0000)				
										VA LOAD)									
CIRCUIT DESCRIPTION	L	R	М	С	.	N	BKR	CIR	PH A	PH B	PH C	CIR	BKR	L	R	М	C	;	N	CIRCUIT DESCRIPTION
	0		0	0	0	13794	2P	1	13794				1P							
Modular Panel A									0			2		()	0	0	0	0	Space
	0		0	0	0	12024		3		12024			2P							
Modular Panel A							150			11600		4	ļ.	()	0	0	0	11600	Modular Panel B
	0		0 16	679	0	0	2P	5			1678.5				ļ.					
Nell / Well Controller											12570	6)	0	0	0	12570	Modular Panel B
	0		0 16	679	0	0		7	1678.5				1P		,	,		,		
Nell / Well Controller							20		1000			8		()	0 1	000	0	0	Rest Room Hand Dryers
	75		0	0	0	0	1P	9		75		<u> </u>	1P			_ ,				
Rest Room Lights		,		,	,		20	_		0		10			<u> </u>	0	0	0	0	Spare
	0		0	0	0	1500		11			1500		1P		. 1	- 1		_		
Rest Room Heater		, .				1500	20		1500		1000	12		()	0 1	000	0	0	Rest Room Hand Dryers
	0	<u></u>	0	0	0	1500		13				L.,	1P							
Rest Room Heater	105	,			۰		20		0		ı	14		()	0	0	0	0	Spare
57. 11.14.	195		0	0	0	0	1P	15		195		L	1P							
Site Lighting					۰		20	47		0		16		()	0	0	0	0	Spare
_	0	_	0	0	0	0	1P	17			0		1P							
Space			ما		٦		4D	40	0		0	18	1P	(0	0	0	0	Space
2	0		0	0	0	0	1P	19					1	_						Cooca
Space	,		οl	οl	٦	0	4D	0.4	0	0	l	20	1P			0	0	0	U	Space
Cnasa	0	_	0	0	0	U	1P	21		0		22			N .			0	0	Cnoop
Space			ol	οl	οΙ	0	1P	23		U	0		1P	,		0	0	0	U	Space
Space	0		٩	0	0	U	IF	23			0			,		0	0	0	0	Space
IGHTING									0	270	0		'		,	U	U	U	0	Space
RECEPS			-						0	0	0									
MOTOR									2679	0	2679									
CONTINUOUS									2019	0	2013									
NON-CONTINUOUS									15294	23624	14070									
CONNECTED LOAD									17973	23894	16749									
25% OF LIGHTING LOAD									0	67.5	0									
60% RECEPS OVER 10k\									0	07.5	0									
25% OF LARGEST MOTO									419.63	0										
25% OF CONTINUOUS LO									419.03	0	419.03									
TOTAL LOAD	,,,,U								18392	23962	17168									595
AMPERES									153.27		143.07									393
, LILO									100.21	155.00	140.07									



EXPIRES 9-30-2019 CITY OF SEDONA POLICE
DEPARTMENT SHOOTING
OFFICE
SEDONA, AZ

SCHEDULES

E3

A AMP
AC ALTERNATING CURRENT
AFF ABOVE FINISHED FLOOR
AFG ABOVE FINISHED GRADE
AIC AVAILABLE INTERRUPTING CURRENT

AMP AMPERE
APS ARIZONA PUBLIC SERVICE

C CONDUIT
CKT CIRCUIT
CB CIRCUIT BREAKER
CL2 CHLORINE
COMM COMMUNICATION

BREAKER

BKR

CPT CONTROL POWER TRANSFORMER

CT CURRENT TRANSFORMER
CTRL CONTROL
CU COPPER
ENCL ENCLOSURE
ES EMERGENCY STOP
EXIST EXISTING
FM FLOW METER

GRD GROUND
GRS GALVANIZED RIGID STEEL CONDUIT

H HIGH
HOA HAND-OFF-AUTO
CURRENT
J JUNCTION BOX
L LOW
LOS LOCKOUT-STOP

TC LIQUID TIGHT FLEXIBLE CONDUIT

MOTOR OR METER

MA MILLIAMPERE

MCP MOTOR CIRCUIT PROTECTOR

MFR MANUFACTURER
NC NORMALLY CLOSED
NO NORMALLY OPEN
NTS NOT TO SCALE

PNL PANEL
PS PRESSURE SWITCH OR SENSOR
RTU REMOTE TERMINAL UNIT
SCA SHORT CIRCUIT AVAILABLE
SES SERVICE ENTRANCE SECTION

SS SOFT START
SW SWITCH
V VOLT
VA VOLT-AMP

VFD VARIABLE FREQUENCY DRIVES

+uuu+

HARMONIC FILTER

W WIRE/WATT
WP WEATHER-PROOF
XFMR TRANSFORMER

Α FLUORESCENT LIGHT FIXTURE-LETTER DENOTES TYPE (A)-WALL MOUNTED LIGHT FIXTURE-LETTER DENOTES TYPE **FUSE** DISCONNECT SWITCH CIRCUIT BREAKER-FIRST NUMBER INDICATES TRIP RATING, SECOND 30A/3P NUMBER INDICATES NUMBER OF POLES MOTOR CIRCUIT PROTECTOR 0 0 **EQUIPMENT GROUND** SPST SWITCH 3-WAY SWITCH MOTOR RATED SWITCH MOTION SWITCH **CURRENT TRANSFORMER** UUU POWER TRANSFORMER \bigcap 120V DUPLEX RECEPTACLE EXHAUST FAN UNDERGROUND JUNCTION/PULLBOX-SIZE 5 UNLESS OTHERWISE INDICATED STEEL JUNCTION/PULLBOX LIGHT FIXTURE-LETTER DENOTES TYPE A LINE REACTOR OR OUTPUT FILTER

NORMALLY CLOSED PUSH-BUTTON

RUNNING TIME METER

MOTOR OVERLOAD

MANUAL MOTOR STARTER

NORMALLY CLOSED CONTACT

NORMALLY OPEN CONTACT

CONTROL RELAY

GENERAL ELECTRICAL REQUIREMENTS

(CR)

1. THE COMPLETED INSTALLATION SHALL CONFORM TO ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODE ORDINANCES AND REGULATIONS. CONTRACTOR SHALL OBTAIN NECESSARY PERMITS AND INSPECTIONS REQUIRED BY THE AUTHORITIES HAVING JURISDICTION. ALL WORK SHALL BE DONE IN A NEAT, WORKMANLIKE, FINISHED AND SAFE MANER, ACCORDING TO THE LATEST PUBLISHED N.E.C.A SANDARDS OF INSTALLATION, UNDER COMPETENT SUPERVISION. INSTALL GROUNDING AS REQUIRED BY THE CODE(S).

MOTOR-NUMBER INDICATES HORSEPOWER

2. VISIT THE SITE PRIOR TO BIDDING TO BECOME FAMILIAR WITH EXISTING CONDTIONS AND ALL OTHER FACTORS WHICH MAY AFFECT THE EXECUTION OF THIS WORK. INCLUDE ALL RELATED COSTS IN THE INITIAL BID PROPOSAL.

3. ALL MATERIALS SHALL BE NEW AND OF THE BEST QUALITY, MANUFACTURED IN ACCORDANCE WITH NEMA, ANSI, U.L. OR OTHER APPLICABLE STANDARDS. THE USE OF MANUFACTURER'S NAMES, MODELS, AND NUMBERS IS INTENDED TO ESTABLISH STYLE, QUALITY, APPEARANCE, USEFULNESS AND BID PRICE. PROPOSED SUBSTITUTIONS SHALL BE SUBMITTED IN WRITING AND REVIEWED BY THE ENGINEER BEFORE ORDERING.

4. PROTECT ALL ELECTRICAL MATERIAL AND EQUIPMENT INSTALLED UNDER THIS DIVISION AGAINST DAMAGE BY OTHER TRADES, WEATHER CONDITIONS OR ANY OTHER CAUSES. EQUIPMENT FOUND DAMAGED OR IN OTHER THAN NEW CONDITION WILL BE REJECTED AS DEFECTIVE.

5. LEAVE THE SITE CLEAN, REMOVE ALL DEBRIS, EMPTY CARTONS, TOOLS, CONDUIT, WIRE SCRAPS AND ALL MISCELLANEOUS SPARE EQUIPMENT AND MATERIALS USED IN THE WORK DURING CONSTRUCTION. ALL COMPONENTS SHALL BE FREE OF DUST, GRIT AND FOREIGN MATERIALS, LEFT AS NEW BEFORE FINAL ACCEPTANCE OF WORK.

6. UNDERGROUND CONDUITS TO BE SCHEDULE 40 PVC. MINIMUM DEPTH 24", MINIMUM SIZE 1", UNLESS OTHERWISE SHOWN ON THE PLANS.

7. CONDUITS EXPOSED WEATHER OR CHEMICALS TO BE GALVANIZED RIGID STEEL, MINIMUM SIZE 3/4", UNLESS OTHERWISE NOTED.

8. ALL INTERIOR OR LOCATIONS NOT SUBJECT TO DAMAGE SHALL BE EMT, 1/2" MINIMUM

9. ALL WIRE SHALL BE COPPER WITH THHN INSULATION.

10. ALL SAFETY SWITCHES AND OTHER DISTRIBUTION AND CONTROL ELECTRICAL EQUIPMENT SHALL BE U.L. LISTED AND RATED FOR HEAVY DUTY SERVICE

11. ALL WIRING DEVICES SHALL BE SPECIFICATION GRADE.

12. ALL ELECTRICAL EQUIPMENT, CONDUIT, WIRING, BOXES, ETC. SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW PRIOR TO ORDERING. THE SUBMITTALS SHALL BE NEATLY GROUPED AND ORGANIZED. PERTINENT INFORMATION SHALL BE HIGHLIGHTED, AND THE SPECIFIC PRODUCT SHALL BE IDENTIFIED. ALL SUBMITTALS SHALL BE COMPLETE, AND PRESENTED IN ONE PACKAGE. THE SUBMITTAL SHALL INCLUDE A COMPLETE LIST OF THE EQUIPMENT AND MATERIALS, INCLUDING THE MANUFACTURER'S NAME, PRODUCT SPECIFICATION, DESCRIPTIVE DATA, TECHNICAL LITERATURE, PERFORMANCE CHARTS, CATALOG CUTS, INSTALLATION INSTRUCTIONS, AND SPARE PART RECOMMENDATIONS FOR EACH DIFFERENT ITEM OF THE EQUIPMENT SPECIFIED.

13. IT IS THE OBLIGATION OF THE CONTRACTOR TO ORGANIZE HIS WORK, SO THAT A COMPLETE ELECTRICAL, INSTRUMENTATION, AND CONTROL SYSTEM FOR THE FACILITY WILL BE PROVIDED, AND WILL BE SUPPORTED BY ACCURATE SHOP AND RECORD DRAWINGS, AND O & M MANUALS.

14. PANELBOARDS SHALL BE EATON OR APPROVED EQUAL. NEMA 3R.

15. TRANSFORMER SHALL BE EATON OR APPROVED EQUAL. NEMA 3R 115DEG RATED

CITY OF SEDONA PO DEPARTMENT SHOO OFFICE SEDONA, AZ

JES No:

ELECTRICAL NOTE | Scale: NOT TO SCALE | Date: 8/30/17 | Job

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