

ELECTRICAL NOTES:

1. FINAL LOCATION OF RV POWER OUTLET BOX TO BE DETERMINED IN FIELD.
2. RV POWER OUTLET BOX TO BE INSTALLED PER MANUFACTURERS RECOMMENDATIONS.
3. CABINETS, AND TRANSFORMER PADS TO BE FURNISHED AND INSTALLED BY THE TOWN OF ESTES PARK
4. FINAL LOCATION OF CABINETS, VAULTS, AND RISERS TO BE DETERMINED BY TOWN OF ESTES PARK POWER AND COMMUNICATION DEPARTMENT.
5. ALL MATERIALS, WORKMANSHIP, AND CONSTRUCTION OF PUBLIC IMPROVEMENTS SHALL MEET OR EXCEED THE STANDARDS AND SPECIFICATIONS SET FORTH BY THE TOWN OF ESTES PARK POWER AND COMMUNICATION AND NEC 2017 INCLUDING BUT NOT LIMITED TO APPLICABLE STATE AND FEDERAL REGULATIONS. WHERE THERE IS CONFLICT BETWEEN THESE PLANS AND THE SPECIFICATIONS, OR ANY APPLICABLE STANDARDS, THE MOST RESTRICTIVE STANDARD SHALL APPLY. ALL WORK SHALL BE INSPECTED AND APPROVED BY THE LOCAL ENTITY.
6. RV POWER OUTLET BOX TO BE 30 AND 20 AMP SINGLE SIDED RV PEDESTAL, DIRECT BURY.
7. THE TOWN OF ESTES PARK POWER AND COMMUNICATION DEPARTMENT WILL INSTALL ALL TRANSFORMERS, RISERS AND PRIMARY ELECTRICAL WIRE. THE CONTRACTOR WILL BE RESPONSIBLE FOR INSTALLATION OF SINGLE PHASE CONDUIT.
8. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PERMITTING, MATERIAL SUPPLY, INSTALLATION OF SECONDARY CONDUIT, INSTALLATION OF ALL POWER OUTLET BOXES, WIRING, PANELS AND ALL OTHER ITEMS FOR THE SUCCESSFUL COMPLETION OF THE PROJECT.
9. ELECTRICAL CONDUIT TO BE SCHEDULE 40 PVC, GREY ELECTRICAL CONDUIT. WARNING TAPE TO BE MINIMUM 3" WIDE, EITHER RED OR YELLOW, WITH CLEARLY PRINTED LEGEND IDENTIFYING BURIED ELECTRICAL. PER OSHA REGULATIONS 1926.956(C)(1)
10. ALL SECONDARY ELECTRICAL MATERIALS AND INSTALLATION TO BE PER NEC 2020.

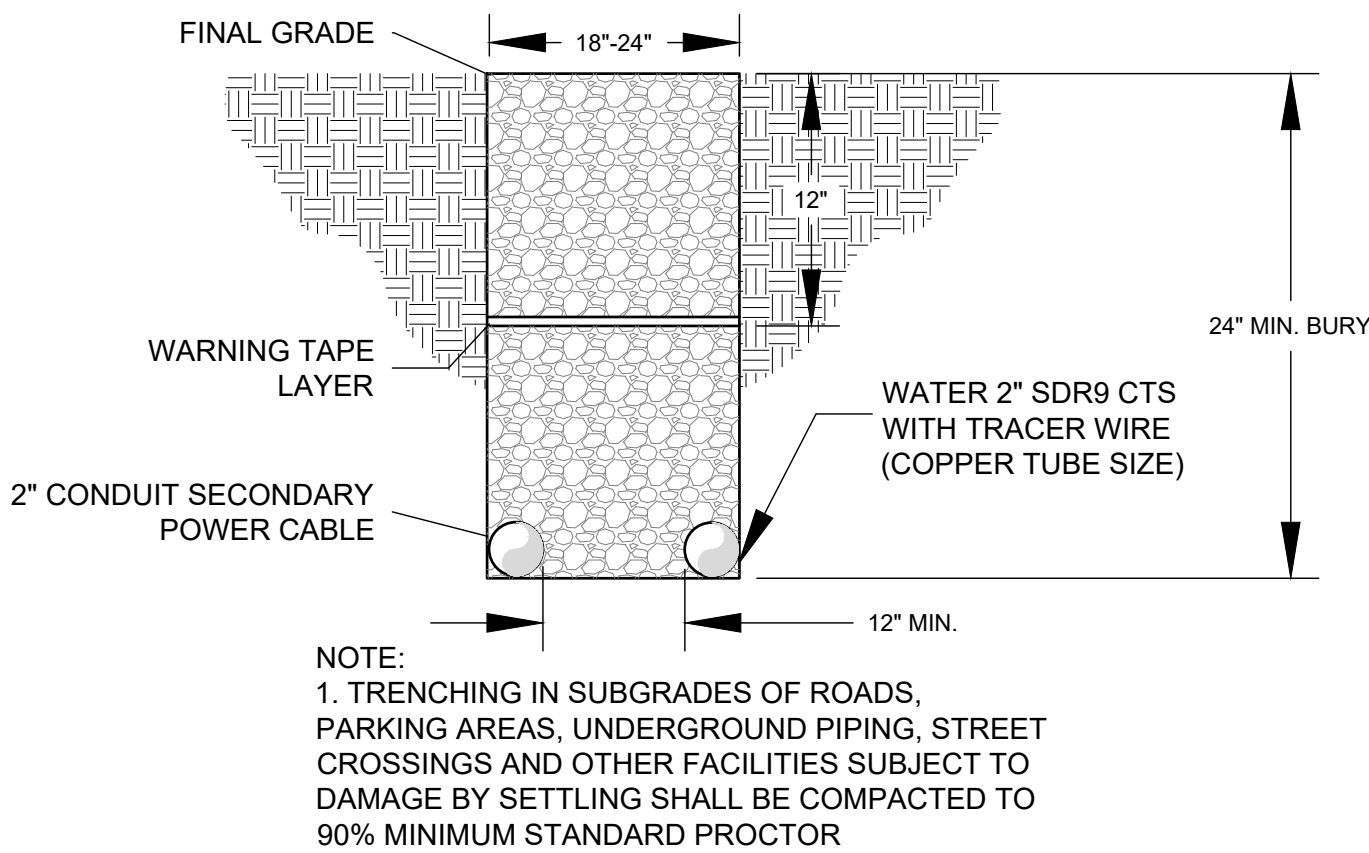
ESTES PARK CAMPGROUND AT MARY'S LAKE

ELECTRICAL & WATER DISTRIBUTION SYSTEM IMPROVEMENT

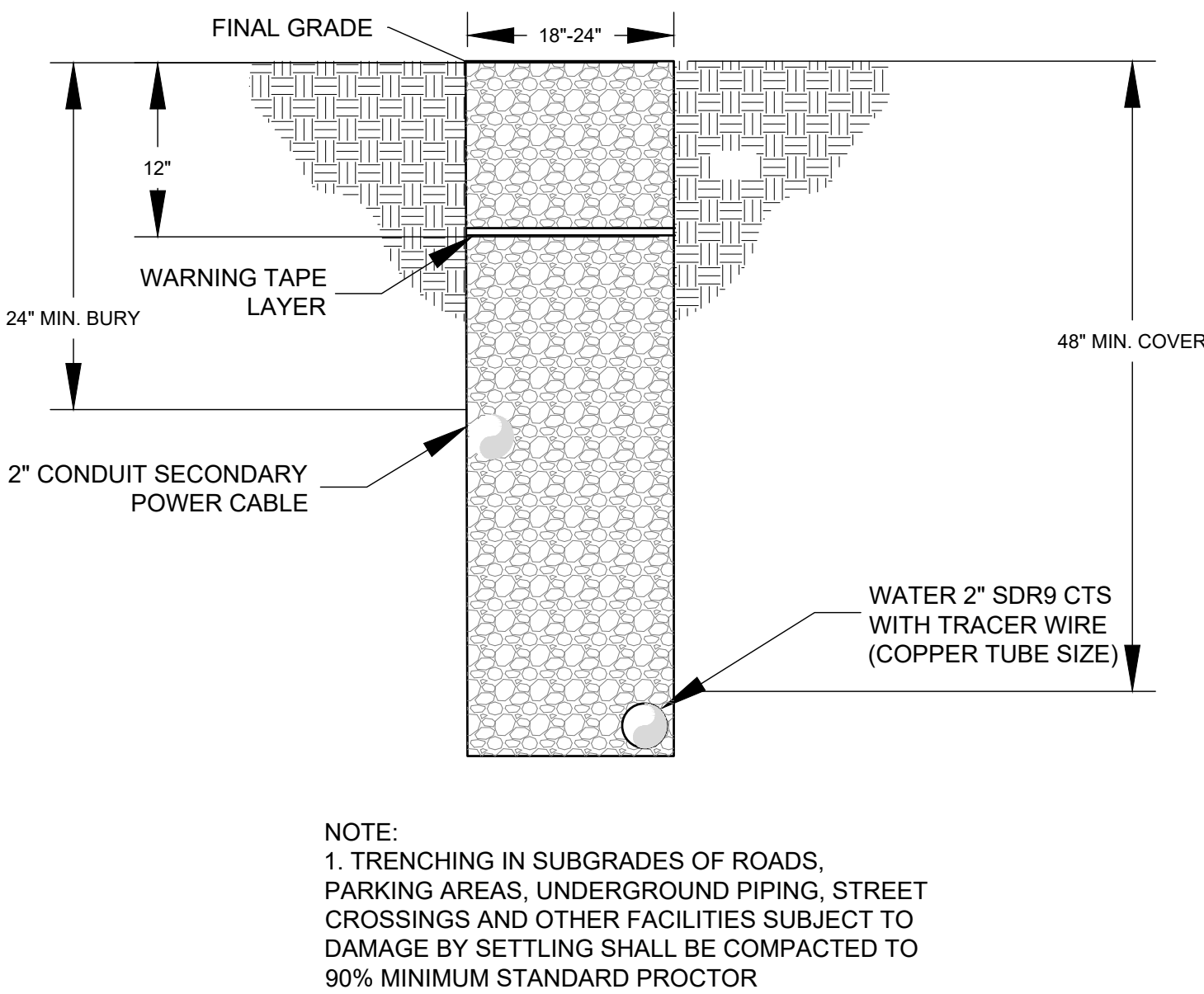
PHASE II

GENERAL NOTES:

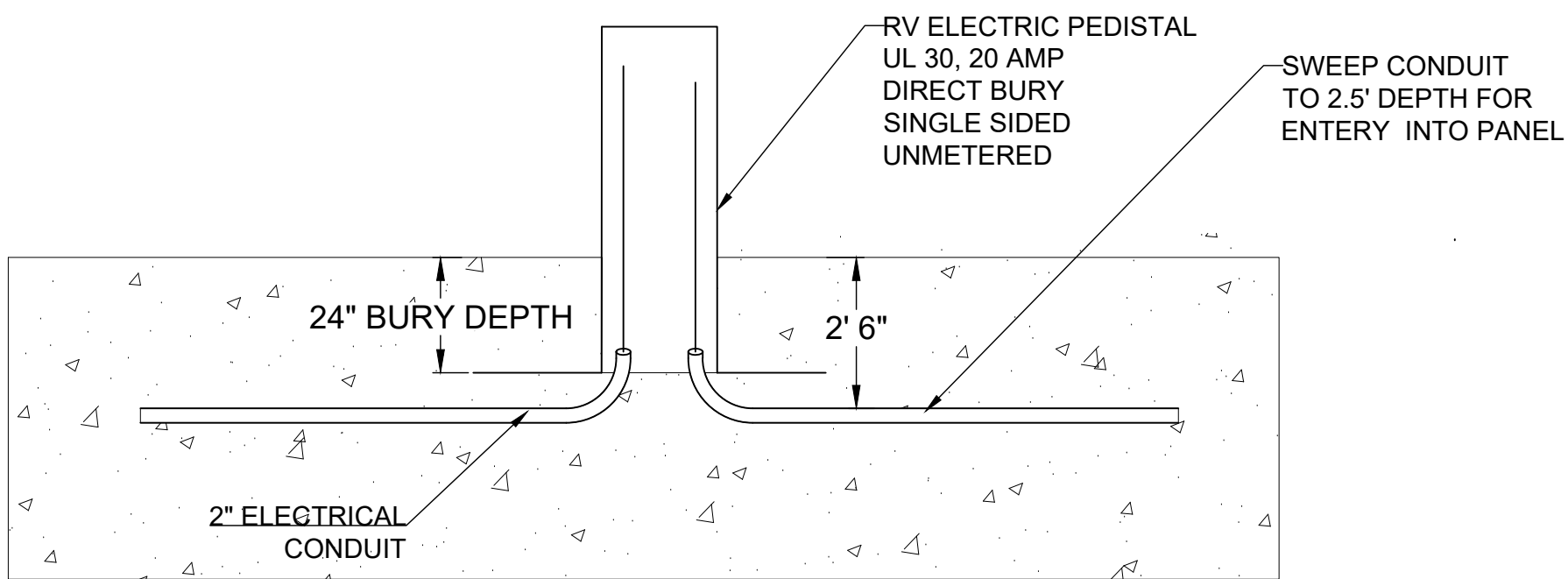
1. TRENCHES OVER FIVE FEET IN DEPTH SHALL BE EITHER SHORED OR TRENCH WALLS SHALL BE SLOPED TO THE APPLICABLE OSHA REGULATIONS.
2. THE CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH ALL APPROPRIATE OSHA REGULATIONS AND STANDARDS INCLUDING, BUT NOT LIMITED TO, 29 CFR PART 1926, OSHA STANDARDS-EXCAVATIONS. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN OF SLOPING AND BENCHING FOR PROTECTION OF EMPLOYEES IN EXCAVATIONS PLUS METHODS FOR PHYSICAL PROTECTION FOR FALL PROTECTION.
3. UPON COMPLETION OF CONSTRUCTION, THE SITE SHALL BE CLEANED AND RESTORED TO A CONDITION EQUAL TO, OR BETTER THAN, THAT WHICH EXISTED BEFORE CONSTRUCTION, OR TO THE GRADES AND CONDITION AS REQUIRED BY THESE PLANS.
4. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED, AT THE LIMITS OF THE CONSTRUCTION AND AT THE AREAS WITH DISTURBED SOIL, ON OR OFF-SITE, PRIOR TO ANY OTHER GROUND-DISTURBING ACTIVITY. ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED IN GOOD REPAIR BY THE CONTRACTOR, UNTIL SUCH TIME AS THE ENTIRE DISTURBED AREA IS STABILIZED WITH HARD SURFACE OR LANDSCAPING. TO MITIGATE EROSION, THE CONTRACTOR SHALL USE STANDARD EROSION CONTROL TECHNIQUES DESCRIBED IN "A GUIDE FOR EROSION AND SEDIMENT CONTROL IN URBANIZED AREAS OF COLORADO" AS PUBLISHED BY THE NATURAL RESOURCES CONSERVATION SERVICE, U.S. DEPT. OF AGRICULTURE, OR PER THE PROJECT MANAGERS DIRECTION. (EROSION CONTROL NOT TO BE PAID FOR SEPARATELY BUT SHALL BE INCIDENTAL TO CONSTRUCTION)
5. ALL DISTURBED AREAS TO BE RETURNED TO PRE CONSTRUCTION CONDITION.



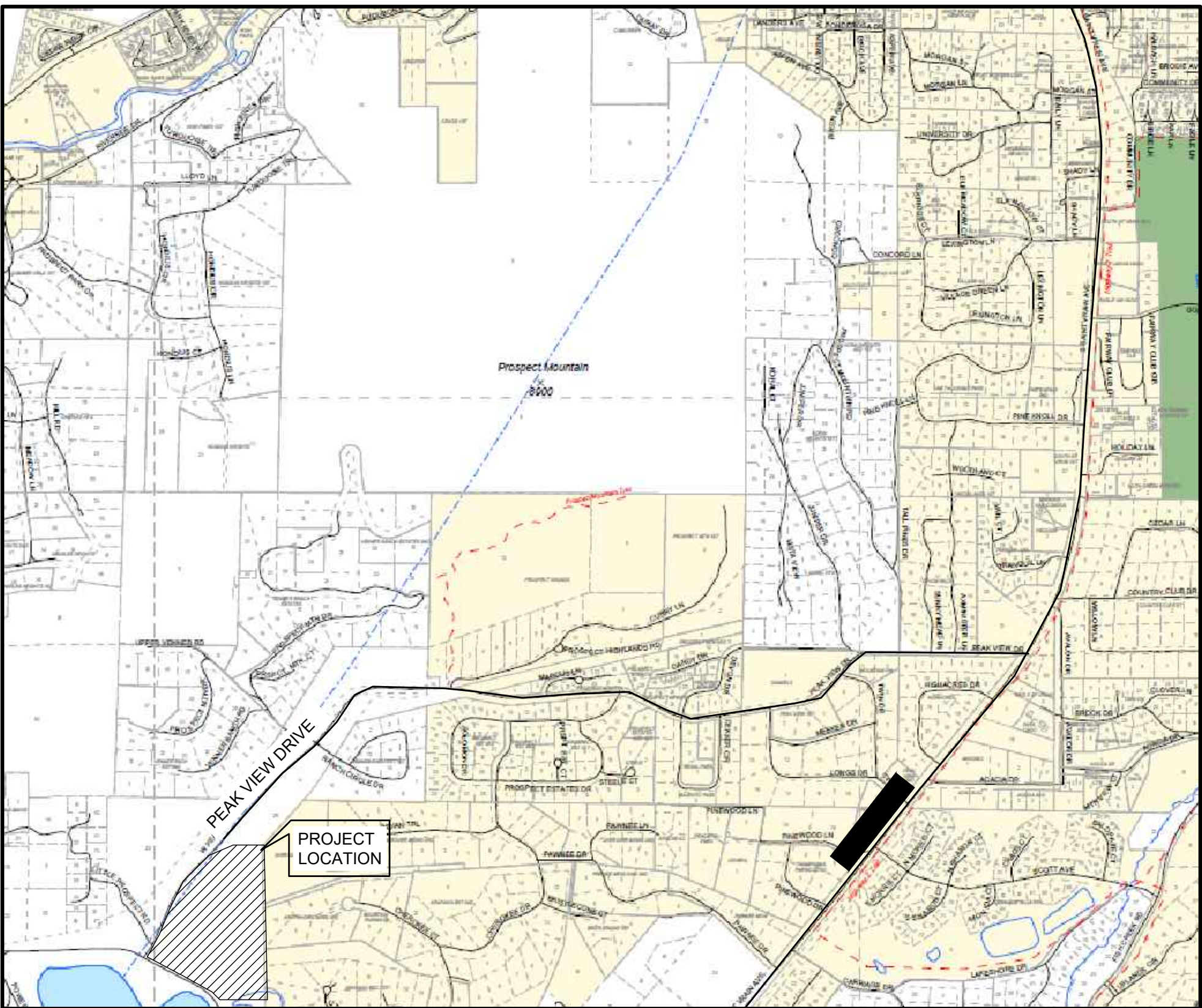
SERVICE LINE TRENCH DETAIL
NOT TO SCALE



DEDICATED WATER SUPPLY TRENCH
NOT TO SCALE

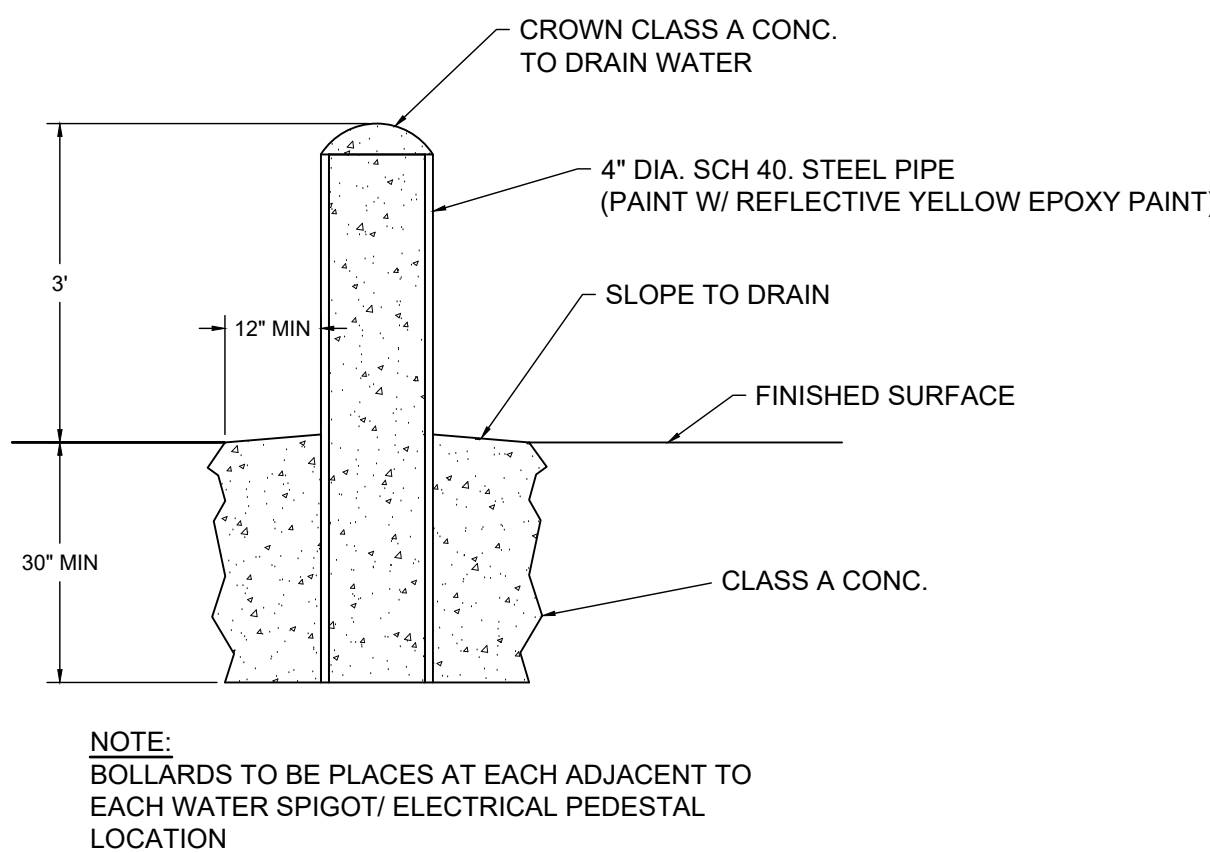
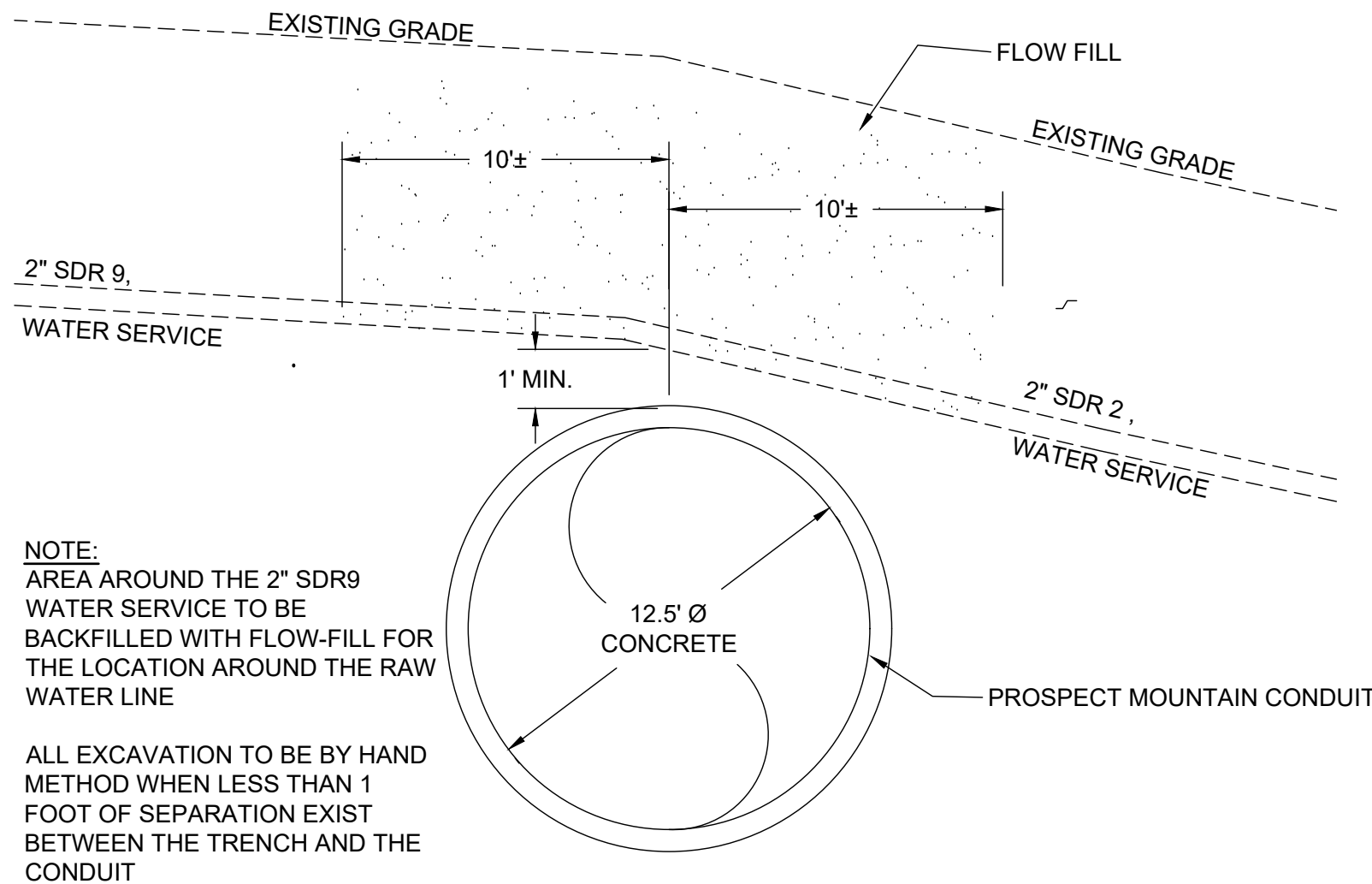


ELECTRIC PEDESTAL
NO SCALE



VICINITY MAP

1,000 0 1,000 2,000 3,000
SCALE 1" = 1,000'



BOLLARD DETAIL
NO SCALE



CALL 3-BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES.

DATE	REVISION	BY
DESIGNED BY	APPROVED BY	JOB NO.
DRAWN BY	DATE	SHEET
CHECKED BY	SCALE	SHEET

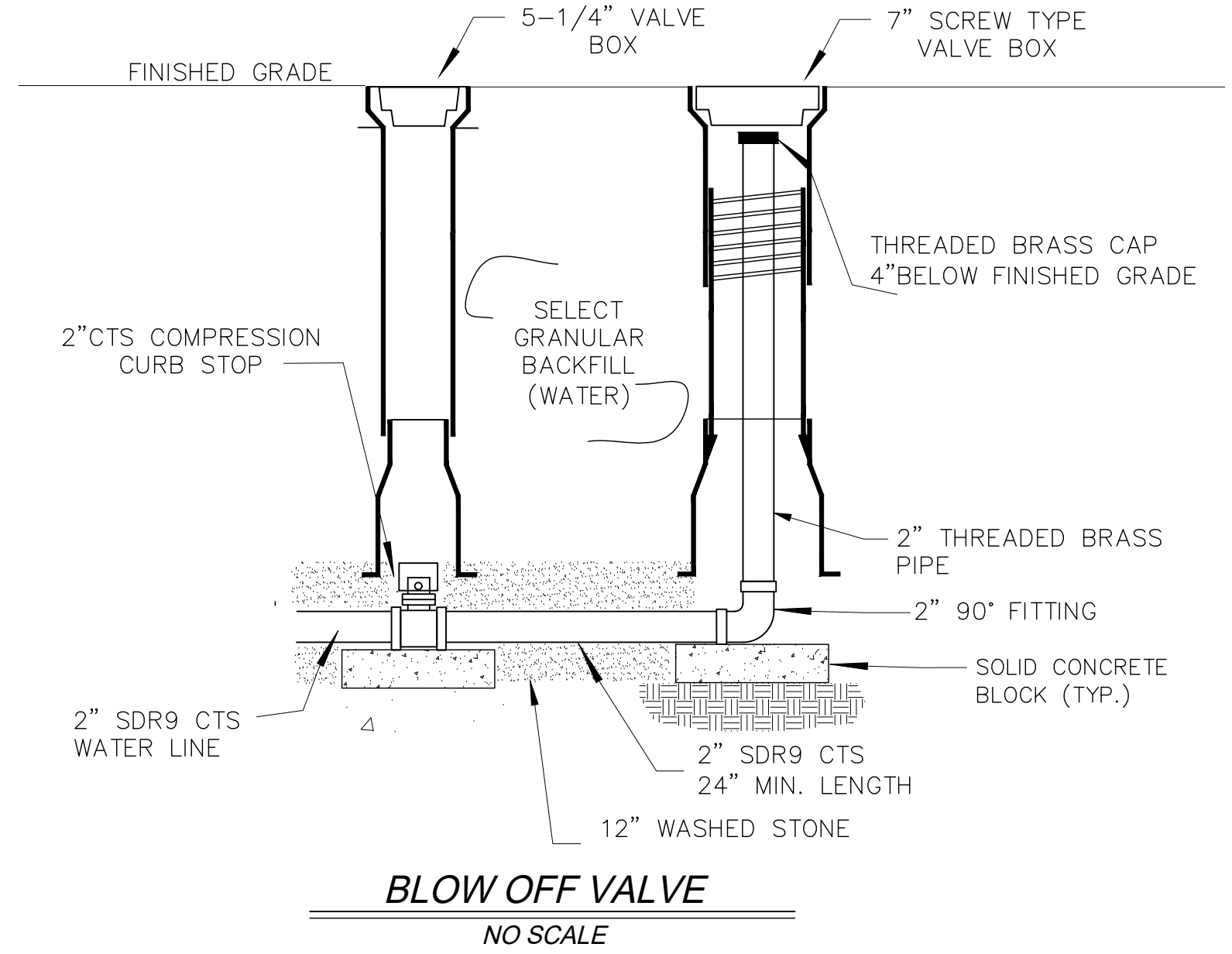
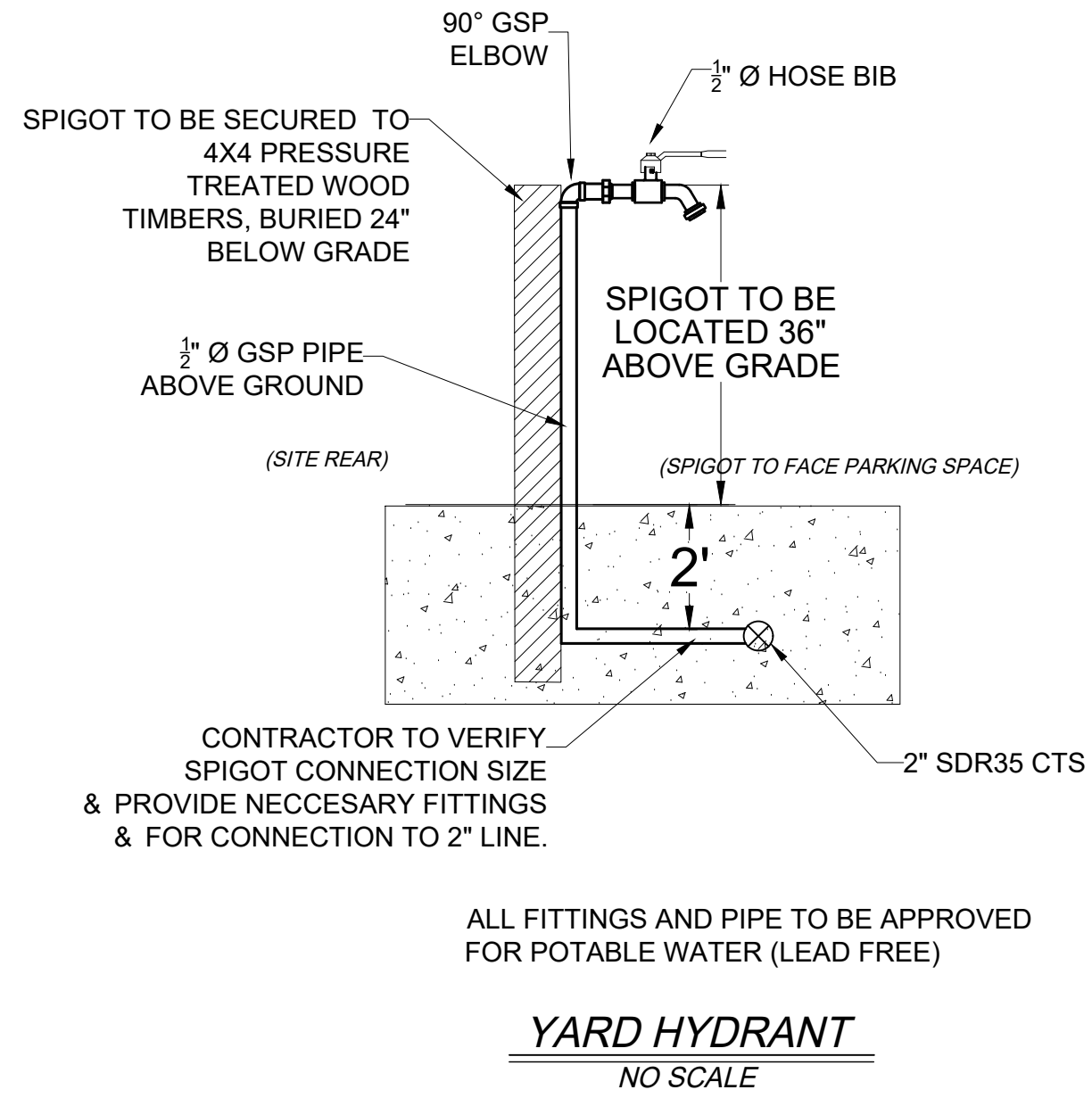
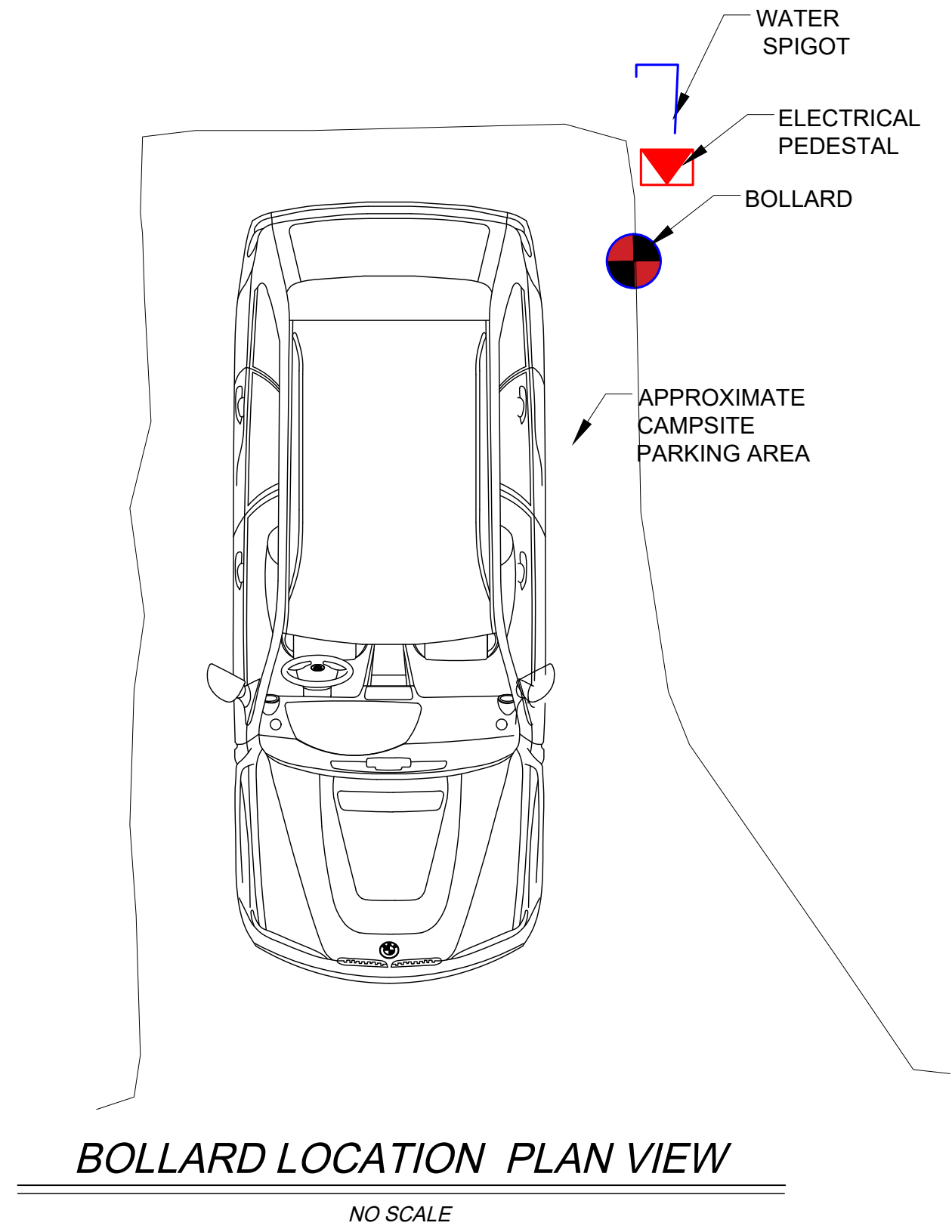
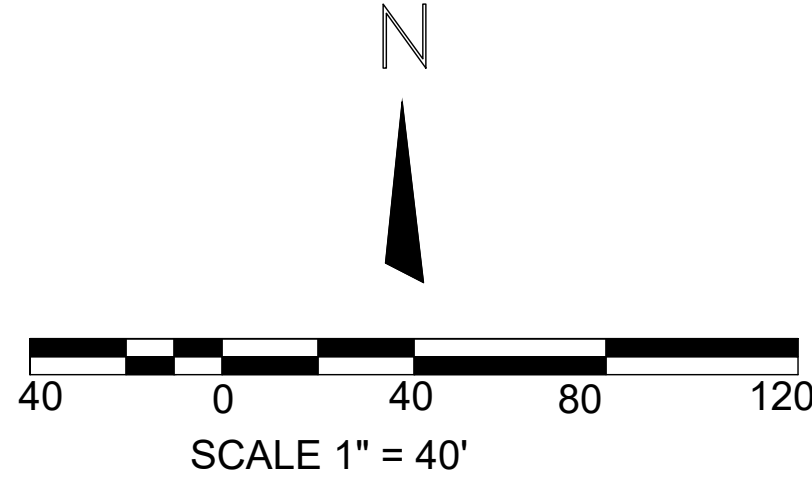
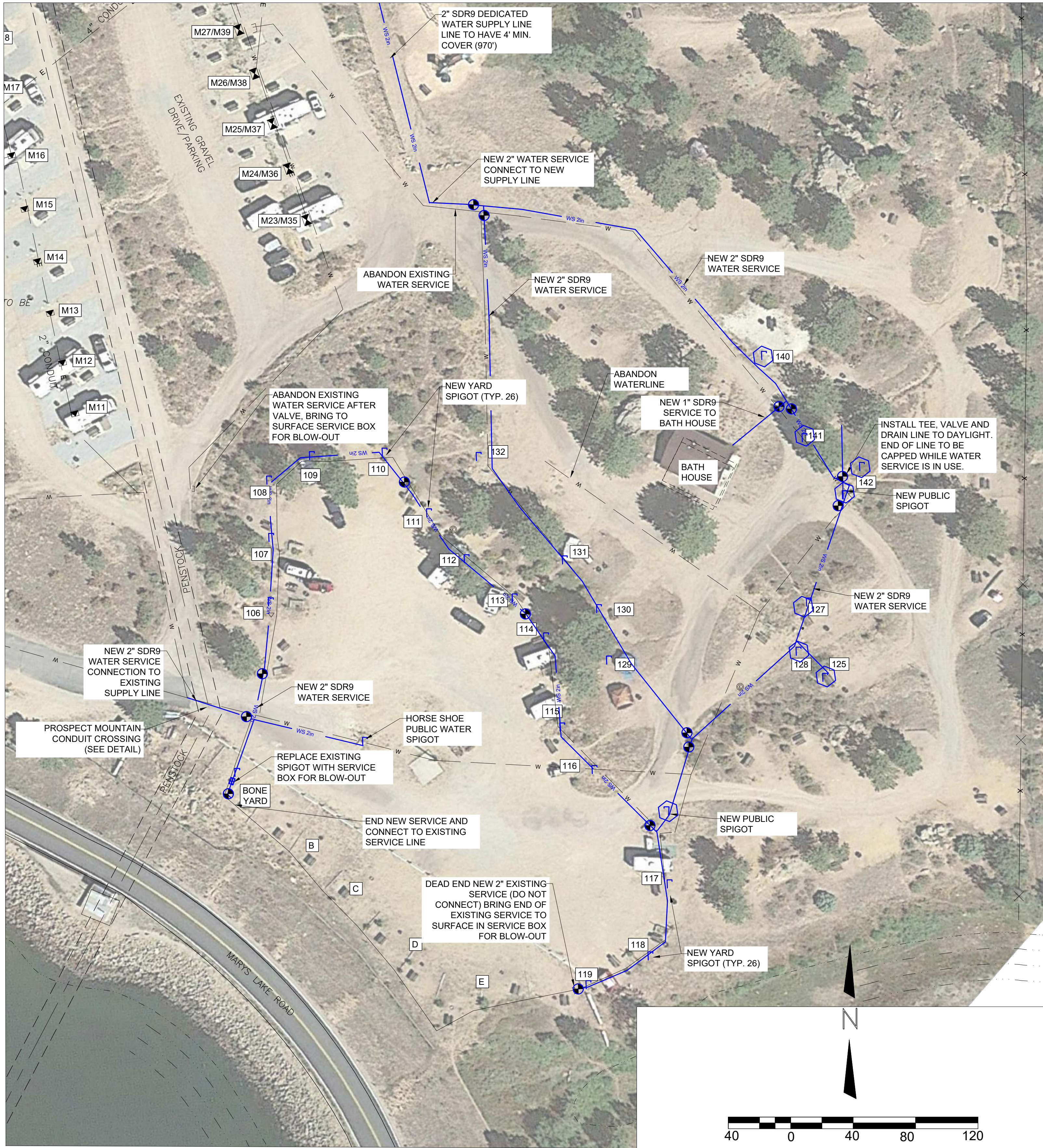
PROJECT TITLE:	ESTES PARK CAMPGROUND AT MARY'S LAKE ELECTRICAL AND WATER DISTRIBUTION SYSTEM
SHEET TITLE:	COVER SHEET
CLIENT:	ESTES VALLEY PARKS & RECREATION DISTRICT



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1892 BIG THOMPSON AVE.
SUITE 200
ESTES PARK, CO 80517
PH: (970) 586-2456
FAX: (970) 586-2459

ESTES PARK CAMPGROUND AT MARY'S LAKE
WATER SYSTEM DISTRIBUTION SYSTEM IMPROVEMENT
PHASE II



WATER QUANTITY TABULATION:

DESCRIPTION	UNIT OF MEASUREMENT	QUANTITY
2" SDR9 CTS	LINEAR FEET	2200
1" SDR9 CTS	LINEAR FEET	50
2" CTS CURB STOP W/ VALVE BOX	EACH	15
1" CTS CURB STOP W/ VALVE BOX	EACH	1
YARD SPIGOT STANDARD	EACH	20
YARD SPIGOT FREEZE PROOF	EACH	8
WATER SERVICE CONNECTION	EACH	2
WATER SERVICE ABANDONED	EACH	2
BLOW OFF VALVE	EACH	3
WATER SERVICE CONNECTION TO BATH HOUSE	EACH	1
BOLLARS	EACH	27

LEGEND:

---	W	EXISTING WATER
---	OHP	EXISTING OVERHEAD POWER
---	E	EXISTING UNDERGROUND ELECTRIC
---	S	EXISTING SANITARY SEWER
---	WS 0.75in	PROPOSED WATER SERVICE 3/4IN (180)
---	WS 1in	PROPOSED WATER SERVICE 1IN
---	WS 2in	PROPOSED WATER SERVICE 2IN
---	P 4inPVC	PROPOSED ELECTRIC 4IN PVC
---	P 2inPVC	PROPOSED ELECTRIC 2.5IN PVC
---		EXISTING FENCELINE
△		PROPOSED TRANSFORMER
⊕		EXISTING ELECTRIC PEDESTAL
⊕		RV DOUBLE POWER OUTLET BOX
⊕		RV SINGLE POWER OUTLET BOX
⊕		SINGLE PHASE CABINET
⊕		EXISTING POWER POLE
⊕		WATER SPIGOT
⊕		FREEZE PROOF WATER SPIGOT

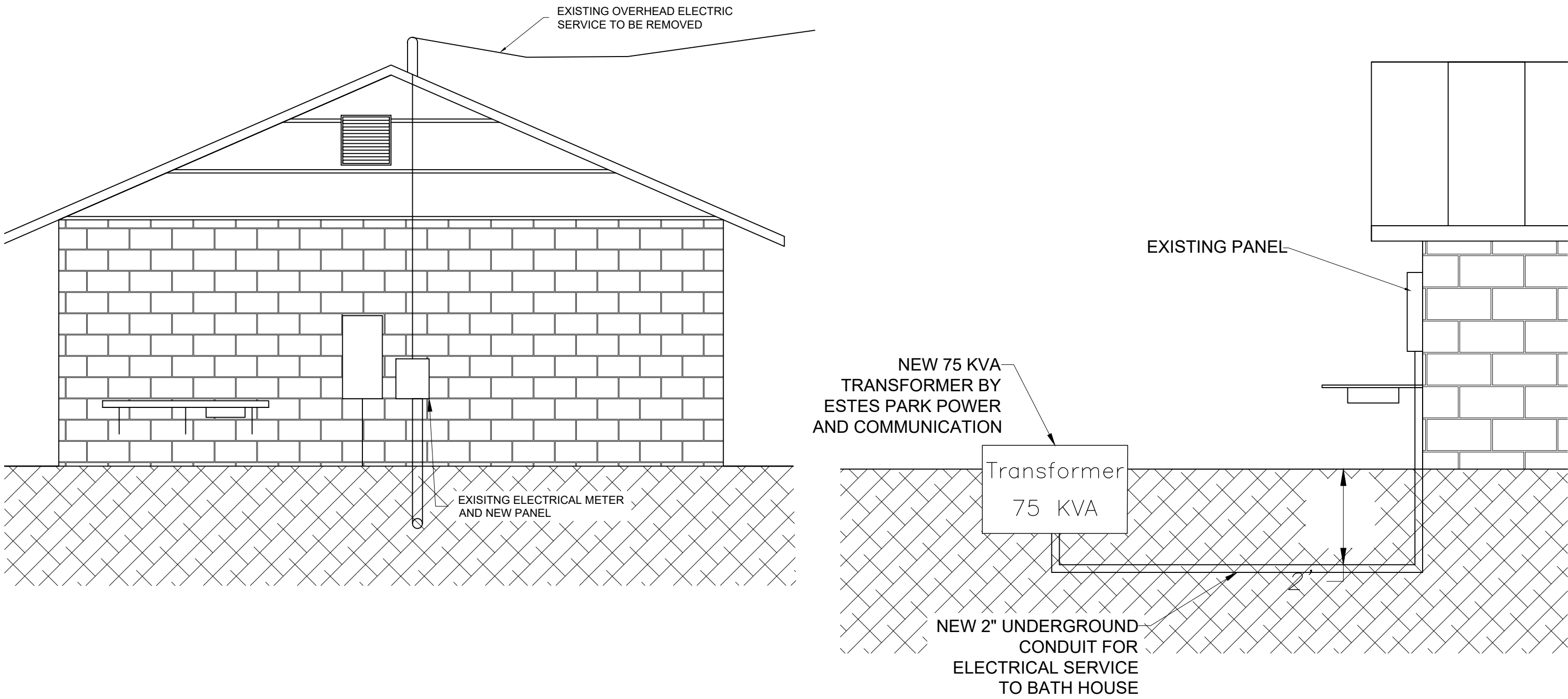


DATE:	REVISION:	BY:	PROJECT TITLE:
			ESTES PARK CAMPGROUND AT MARY'S LAKE ELECTRICAL AND WATER DISTRIBUTION SYSTEM
DESIGNED BY: MST	APPROVED BY: MST	JOB NO:	SHEET: 2
DRAWN BY: MST	DATE: DEC 2020	418-032	4
CHECKED BY:	SCALE: AS SHOWN		

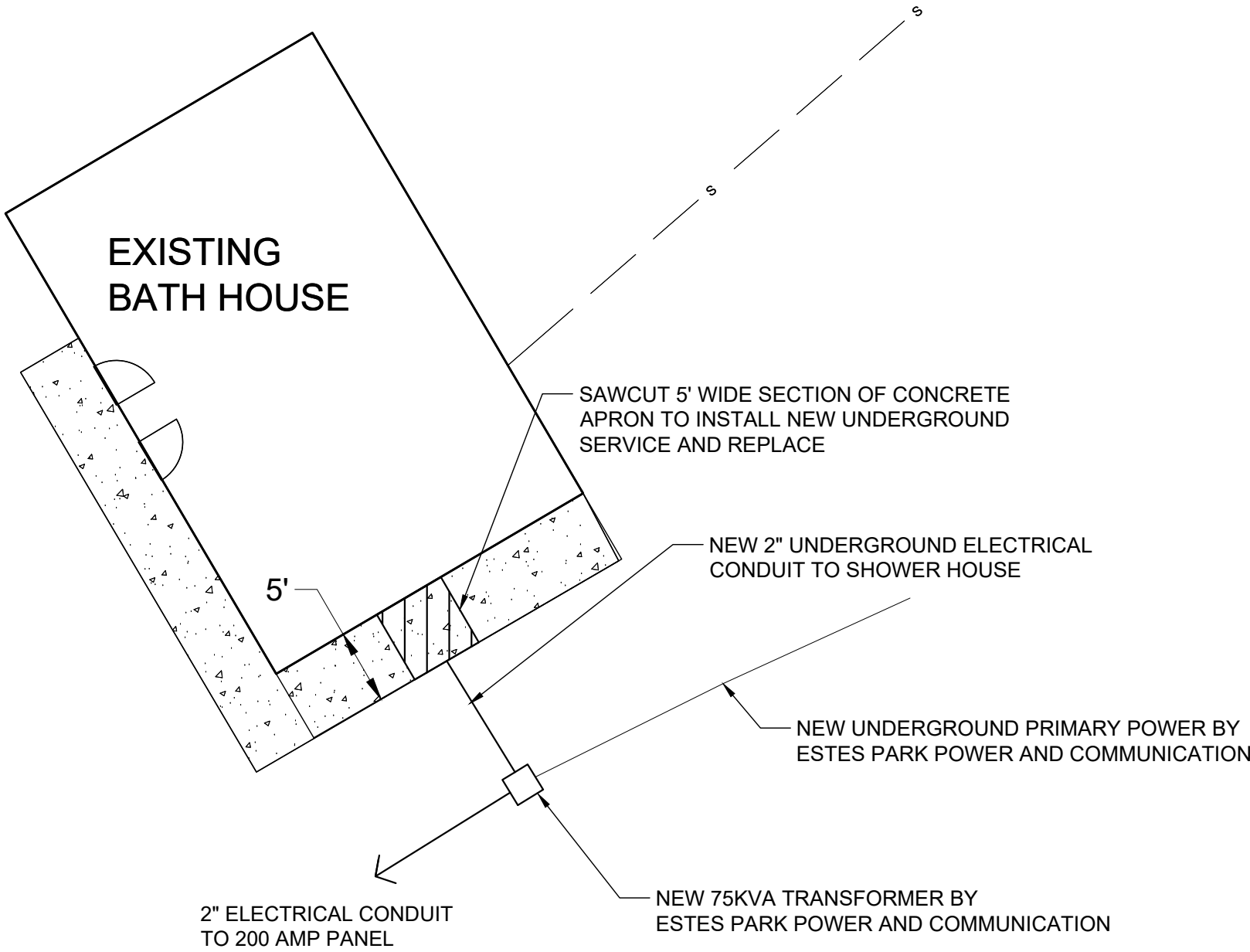
SHEET TITLE:	WATER PLAN PHASE 11
CLIENT:	ESTES VALLEY PARKS & RECREATION DISTRICT



ESTES PARK CAMPGROUND AT MARY'S LAKE
ELECTRICAL SYSTEM DISTRIBUTION SYSTEM IMPROVEMENT
PHASE II



BATHHOUSE ELECTRICAL ELEVATION VIEW
NO SCALE



BATHHOUSE ELECTRICAL PLAN VIEW
NO SCALE

- LEGEND:
- W EXISTING WATER
 - OH/P EXISTING OVERHEAD POWER
 - E EXISTING UNDERGROUND ELECTRIC
 - S EXISTING SANITARY SEWER
 - WS 0.75in PROPOSED WATER SERVICE 3/4IN (180)
 - WS 1in PROPOSED WATER SERVICE 1IN
 - WS 2in PROPOSED WATER SERVICE 2IN
 - P 4inPVC PROPOSED ELECTRIC 4IN PVC
 - P 2inPVC PROPOSED ELECTRIC 2.5IN PVC
 - X X X EXISTING FENCELINE
 - T PROPOSED TRANSFORMER
 - P EXISTING ELECTRIC PEDESTAL
 - RV DOUBLE POWER OUTLET BOX
 - RV SINGLE POWER OUTLET BOX
 - JBOX SINGLE PHASE CABINET
 - EXISTING POWER POLE

ELECTRICAL QUANTITY TABULATION:

DESCRIPTION	UNIT OF MEASUREMENT	QUANTITY
2" CONDUIT	LINEAR FEET	1265
2-1/2" CONDUIT	LINEAR FEET	300
RV SINGLE POWER OUTLET BOX 30A	EACH	25
SINGLE CIRCUIT 200 AMP PANEL	EACH	2
SINGLE PHASE CABINET	EACH	2
BATH HOUSE SERVICE	EACH	1

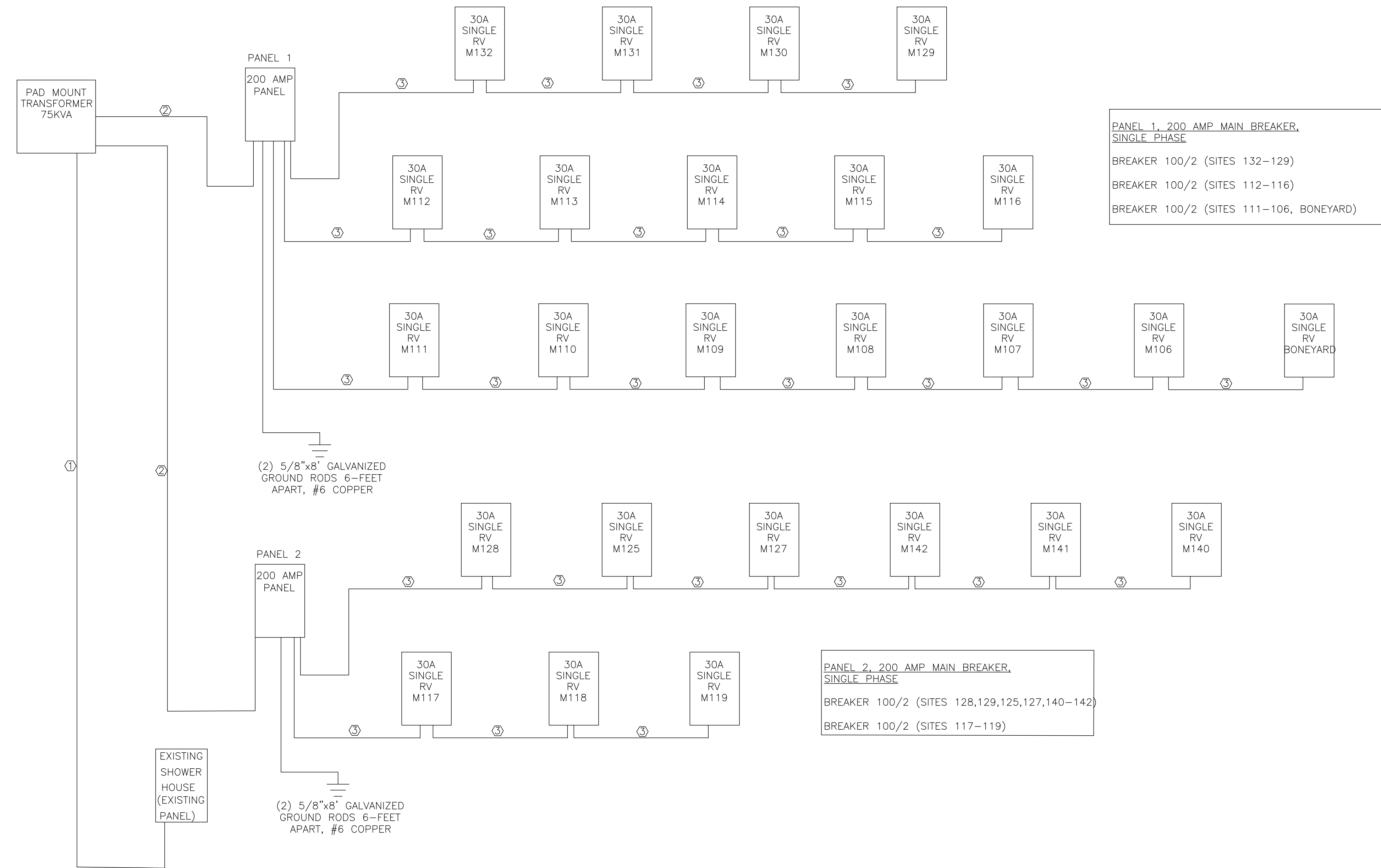
811 Know what's below. Call before you dig.
CALL 3-BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES.

DATE	REVISION	BY	PROJECT TITLE
			ESTES PARK CAMPGROUND AT MARY'S LAKE ELECTRICAL DISTRIBUTION SYSTEM
DESIGNED BY	APPROVED BY	JOB NO.	SHEET
DRAWN BY	DATE	418.032	3 4
CHECKED BY	SCALE		

PROJECT TITLE	SHEET TITLE	CLIENT
ESTES PARK CAMPGROUND AT MARY'S LAKE ELECTRICAL DISTRIBUTION SYSTEM	ELECTRICAL PLAN PHASE 11	ESTES VALLEY PARKS & RECREATION DISTRICT

CORNERSTONE ENGINEERING & SURVEYING, INC.
1892 BIG THOMPSON AVE. SUITE 200
ESTES PARK, CO 80517
PH: (970) 586-2456 FAX: (970) 586-2459
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ESTES PARK CAMPGROUND AT MARY'S LAKE
ELECTRICAL DISTRIBUTION SYSTEM IMPROVEMENT
PHASE II



FEEDED SCHEDULE KEY:
① 3 # 3/0 CU, 2" CONDUIT
② 3 # 3/0 CU, 2-1/2" CONDUIT
③ 3 # 2 CU & 1 # 8CU, GROUND 2" CONDUIT

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DATE:	REVISION:	BY:	PROJECT TITLE:
			ESTES PARK CAMPGROUND AT MARY'S LAKE ELECTRICAL DISTRIBUTION SYSTEM
DESIGNED BY: MST	APPROVED BY: MST	JOB NO:	SHEET: 4
DRAWN BY: MST	DATE: DEC 2020	418 032	4
CHECKED BY:	SCALE:		
			SHEET TITLE: ELECTRICAL ONE-LINE
			CLIENT: ESTES VALLEY PARKS & RECREATION DISTRICT
			CORNERSTONE ENGINEERING & SURVEYING, INC. 1892 BIG THOMPSON AVE. SUITE 200 ESTES PARK, CO 80517 PH: (970) 586-2456 FAX: (970) 586-2459