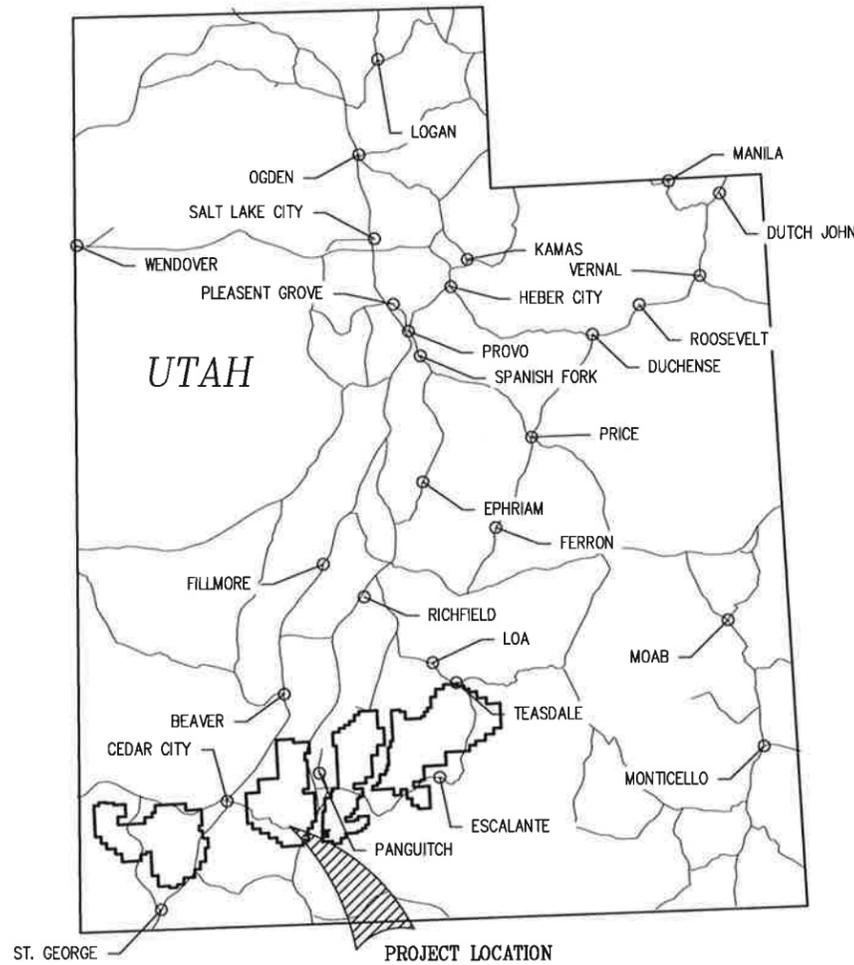


DUCK CREEK CAMPGROUND DUMP STATION REHABILITATION

DIXIE NATIONAL FOREST

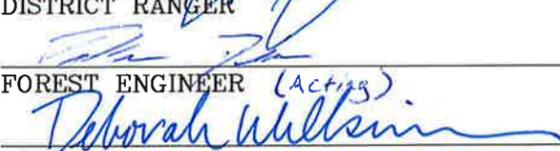
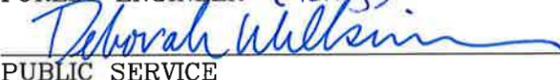
CEDAR CITY, UTAH



PROJECT IS LOCATED ON THE
CEDAR CITY RANGER DISTRICT

LIST OF DRAWINGS

1. COVER SHEET
2. VICINITY MAP
3. SITE LAYOUT
4. EXISTING TRAILER DUMP STATION LAYOUT
5. NEW TRAILER DUMP STATION LAYOUT
6. TRAILER DUMP STATION LAYOUT SECTION VIEW
7. WATER LINE SCHEMATIC

APPROVED	
 FOREST SUPERVISOR	01/28/2014 DATE
RECOMMENDED	
 DISTRICT RANGER	01/28/2014 DATE
 FOREST ENGINEER (Acting)	01-27-14 DATE
 PUBLIC SERVICE	01-28-14 DATE

U. S. Department of Agriculture
FOREST SERVICE
Intermountain Region 4 Engineering

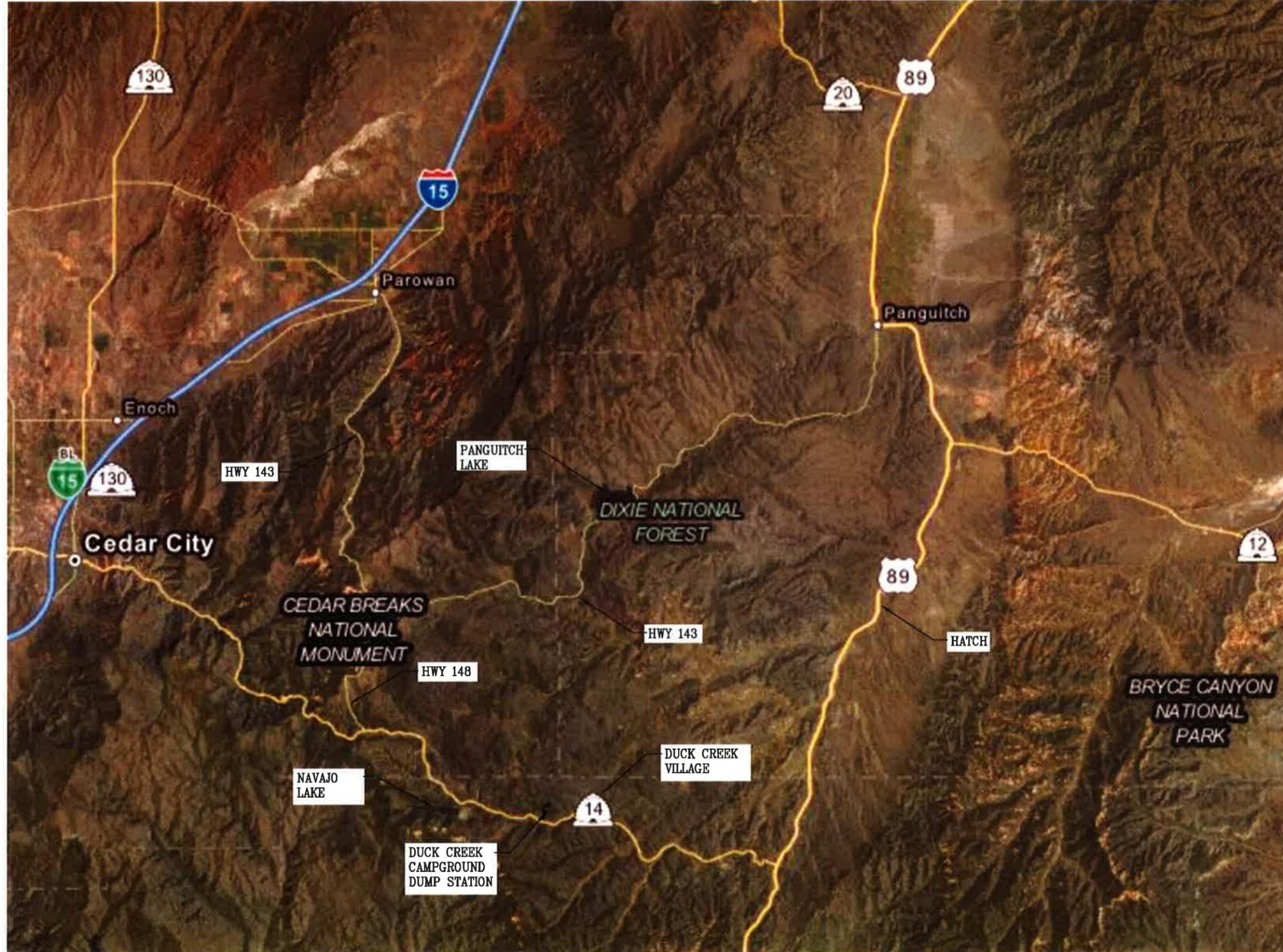


BY: S. O'NEIL	DATE
CHECK: J. DODDS	
BY: B. STEPHENSON	
CHECK: S. O'NEIL	
DESIGN	
DRAWING	
APPROVED: DIRECTOR, ENGINEERING	

DUCK CREEK CAMPGROUND
DUMP STATION REHABILITATION
COVER SHEET

PROJECT No.

SHEET
1 of 7



NO SCALE

PROJECT LOCATION:

THE DUCK CREEK CAMPGROUND DUMP STATION REHABILITATION SITE IS LOCATED ON THE CEDAR CITY RANGER DISTRICT OF THE DIXIE NATIONAL FOREST, IRON COUNTY, UTAH. THE SITE IS APPROXIMATELY 28 MILES SOUTHEAST OF CEDAR CITY, UTAH VIA STATE HIGHWAY 14.

PROJECT DESCRIPTION:

THE WORK INCLUDES THE DEMOLITION OF THE EXISTING DUMP STATION INCLUDING THE CONCRETE ISLAND AND PULL THROUGH, DRAINS, PLUMBING FOR POTABLE AND NON-POTABLE CONNECTIONS, WATER TOWERS AND SIGNS. WORK ALSO INCLUDES SAW CUTTING THE EXISTING ASPHALT, CONSTRUCTION OF ISLAND AND PULL THROUGH, CATCH BASIN AND BOX, AND ALL PLUMBING CONNECTIONS FOR A COMPLETE OPERATION DUMP STATION AS SHOWN ON THE DRAWINGS.

CONTRACT SPECIFICATIONS:

- 011250 MEASUREMENT & PAYMENT
- 011900 MOBILIZATION
- 013300 SUBMITTAL PROCEDURES
- 014100 QUALITY CONTROL
- 015100 TEMPORARY TRAFFIC CONTROL
- 017320 SELECTIVE DEMOLITION
- 024100 WASTE MATERIAL DISPOSAL
- 033000 CAST-IN-PLACE CONCRETE
- 221100 WATER DISTRIBUTION SYSTEMS
- 221102 CURB VALVES AND BOXES
- 221103 PLUMBING APPURTENANCES
- 221312 SANITARY DUMP STATION
- 321204 CRUSHED AGGREGATE BASE OR SURFACE COURSE

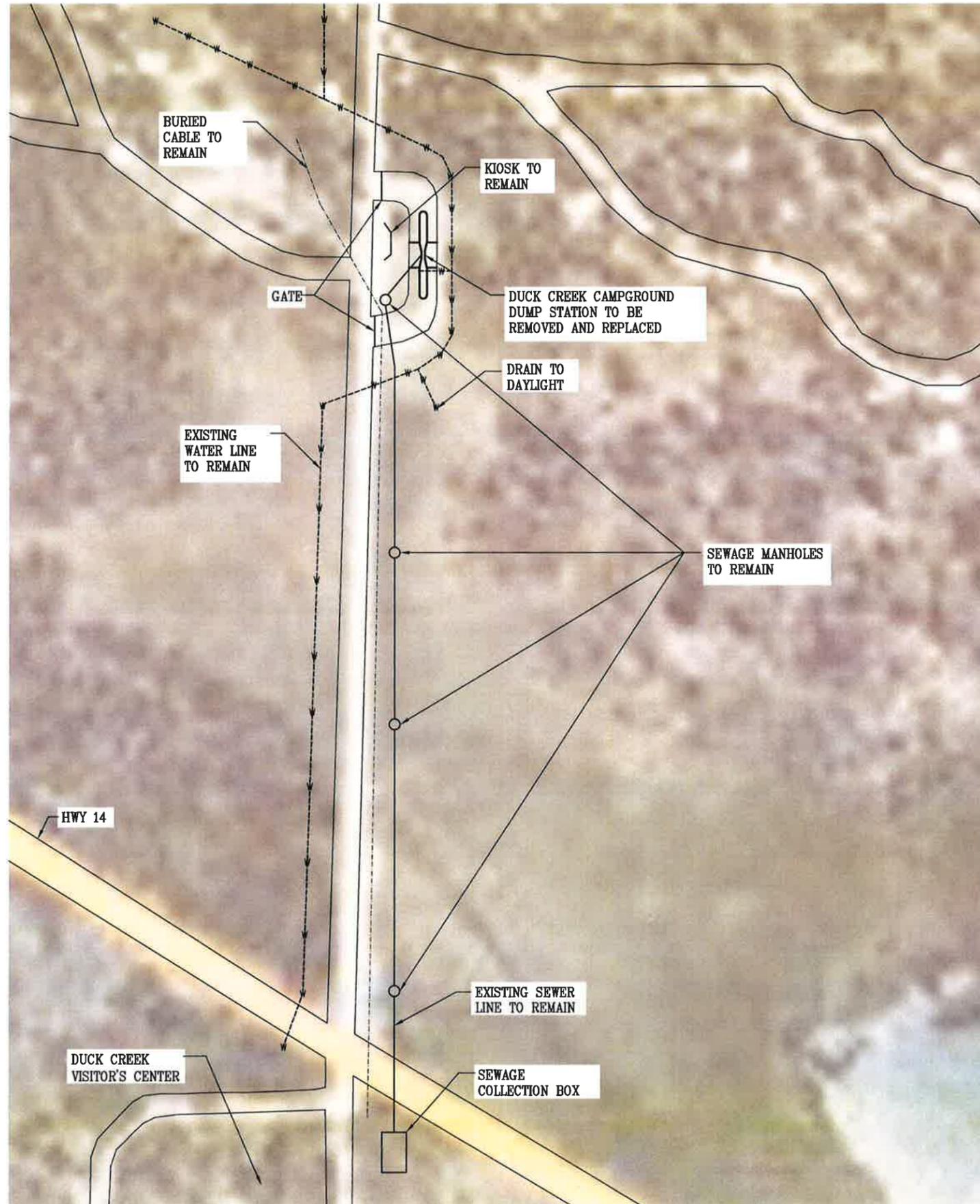
U. S. Department of Agriculture
 FOREST SERVICE
 Intermountain Region 4
 DIXIE NATIONAL FOREST



DESIGN	BY: S. O'NEIL	DATE
DRAWING	CHECK: J. DODDS	
	BY: B. STEPHENSON	
APPROVED:	CHECK: S. O'NEIL	
	DIRECTOR, ENGINEERING	

DUCK CREEK CAMPGROUND
 DUMP STATION REHABILITATION
 VICINITY MAP

PROJECT No. _____
 SHEET
 2 of 7



LEGEND:

- BURIED PHONE CABLE
- SEWER LINE
- W---W- WATER LINE
- ==== ROAD

NOTES:

1. EXACT LOCATION OF BURIED CABLE IS UNKNOWN, BUT IS ASSUMED TO BE AS SHOWN. CONTRACTOR TO LOCATE ALL UTILITIES AND WATER LINES PRIOR TO EXCAVATION WORK.
2. EXISTING SEWER LINE TO BE CUT AND RE-USED.
3. DUMPSTATION TO BE REMOVED AND REPLACED AS SHOWN.
4. ALL CONSTRUCTION DEBRIS TO BE HAULED OFF SITE AND DISPOSED OF IN A LEGAL MANNER.
5. CONTRACTOR TO MANAGE TRAFFIC CONTROL ON SITE BY USE OF EXISTING GATES.

NO SCALE



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	BY: B. STEPHENSON		
	CHECK: S. O'NEIL		
	DIRECTOR, ENGINEERING		

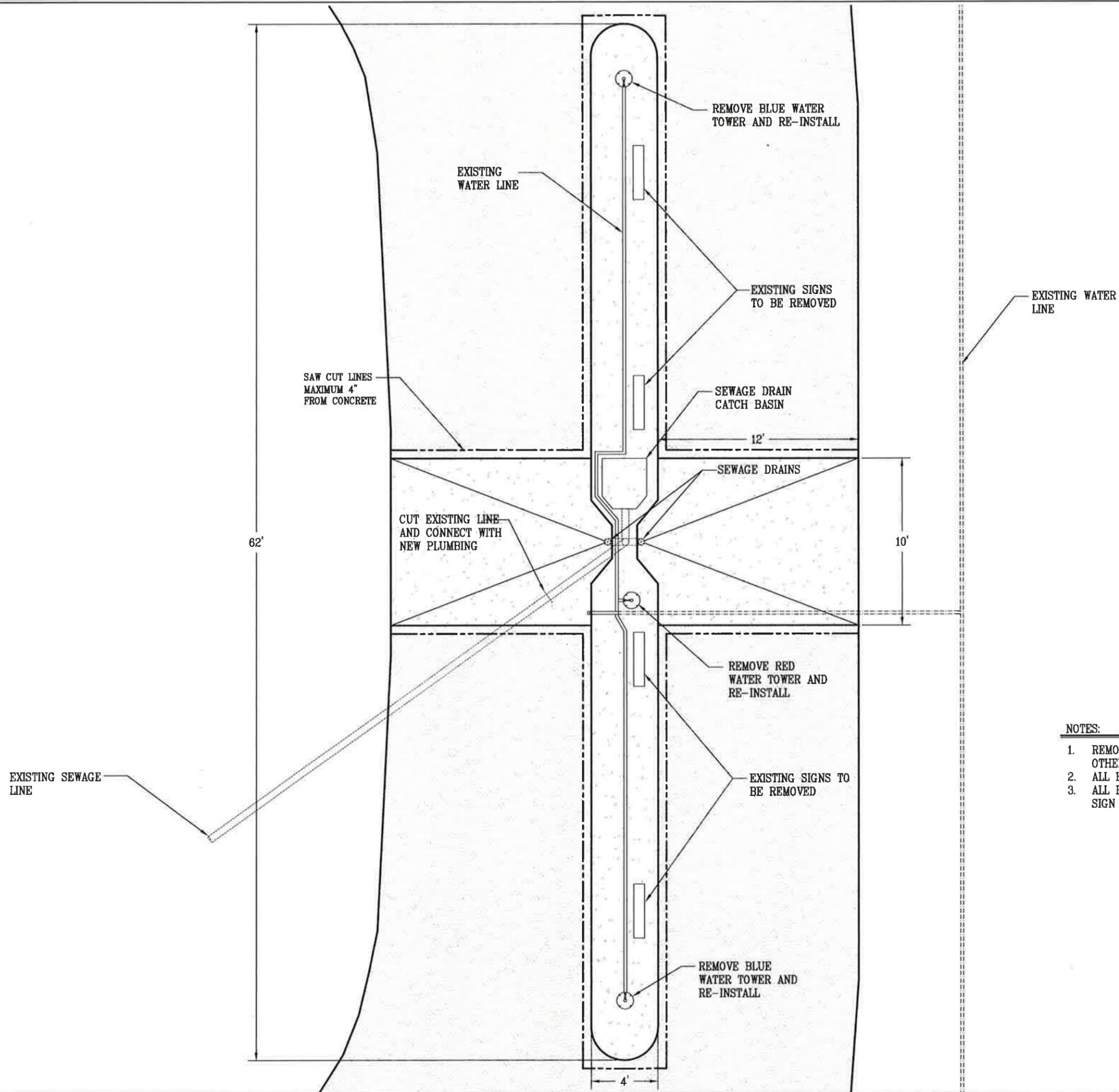
**DUCK CREEK CAMPGROUND
 DUMP STATION REHABILITATION
 SITE LAYOUT**

PROJECT No.

SHEET
 3
 OF
 7



NO SCALE



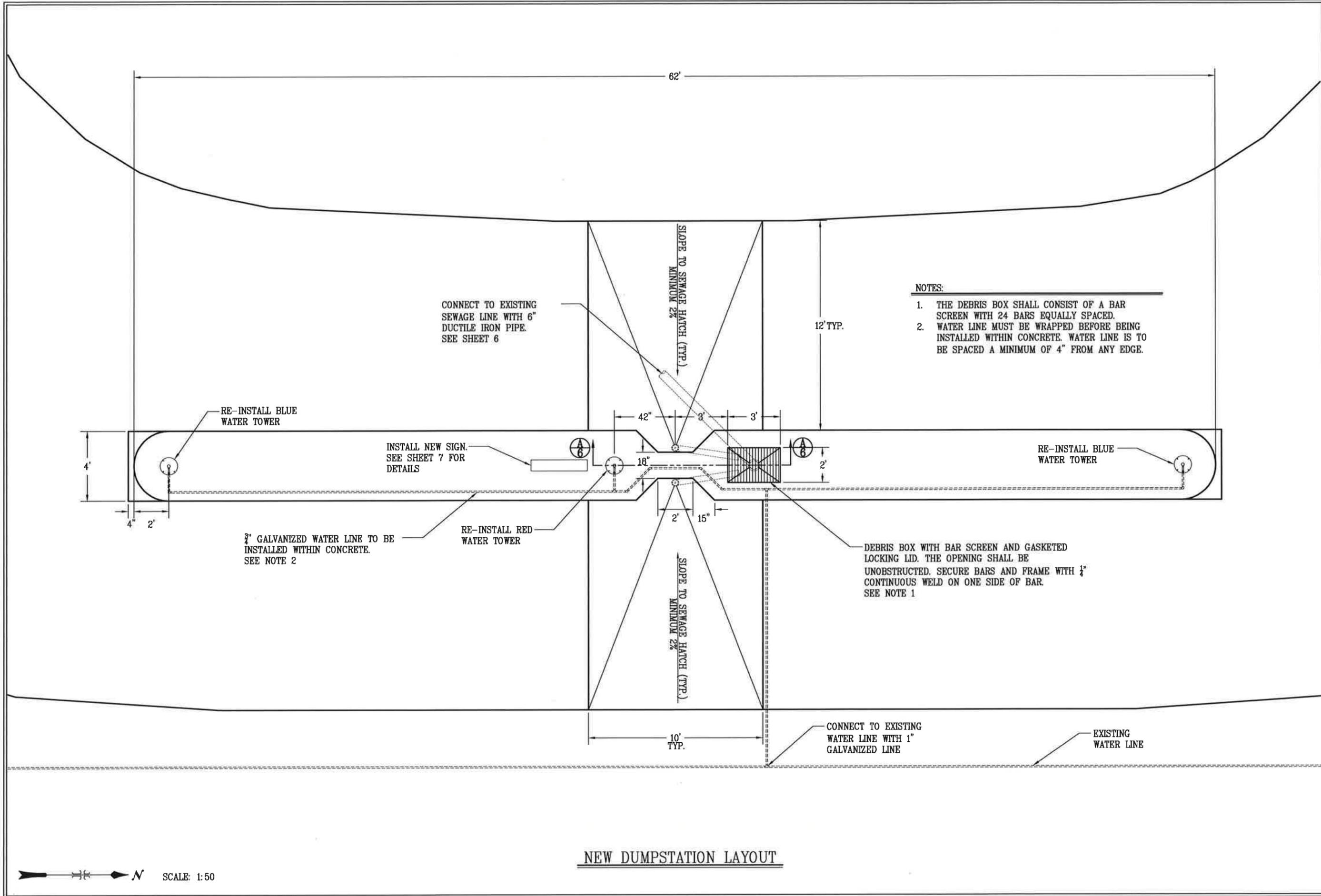
NOTES:

1. REMOVE EXISTING CONCRETE, DRAINS, PIPE AND OTHER MATERIALS ON SITE.
2. ALL EXISTING WATER TOWERS TO BE RE-INSTALLED.
3. ALL EXISTING SIGNS TO BE REMOVED AND NEW SIGN TO BE INSTALLED. SEE SHEET 7 FOR DETAIL.

- CONCRETE TO BE REMOVED
- ASPHALT TO REMAIN
- SAW CUT LINE FOR ASPHALT

DESIGN	BY: S. O'NEIL	APPROVED:	DATE
DRAWING	CHECK: J. DODDS		
	BY: B. STEPHENSON		
	CHECK: S. O'NEIL		
	DIRECTOR, ENGINEERING		

**DUCK CREEK CAMPGROUND
 DUMP STATION REHABILITATION**
 EXISTING DUMP STATION LAYOUT



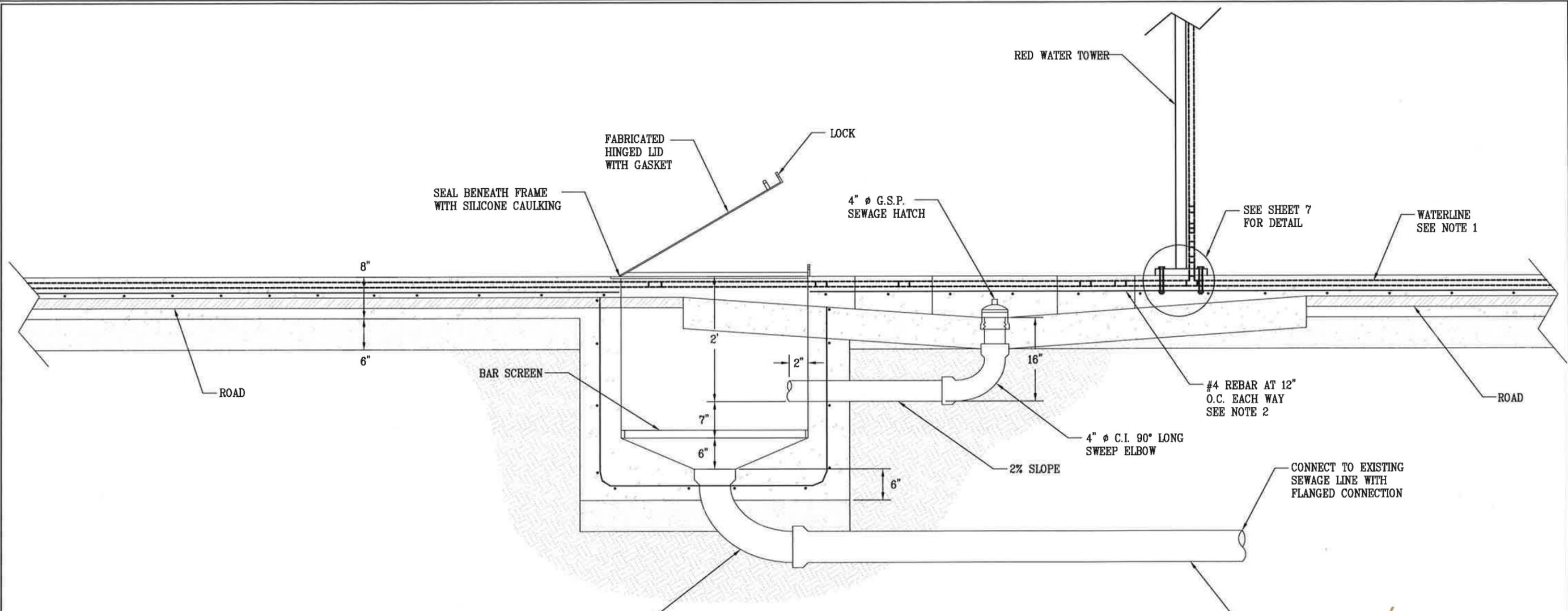
- NOTES:
1. THE DEBRIS BOX SHALL CONSIST OF A BAR SCREEN WITH 24 BARS EQUALLY SPACED.
 2. WATER LINE MUST BE WRAPPED BEFORE BEING INSTALLED WITHIN CONCRETE. WATER LINE IS TO BE SPACED A MINIMUM OF 4" FROM ANY EDGE.

NEW DUMPSTATION LAYOUT

SCALE: 1:50

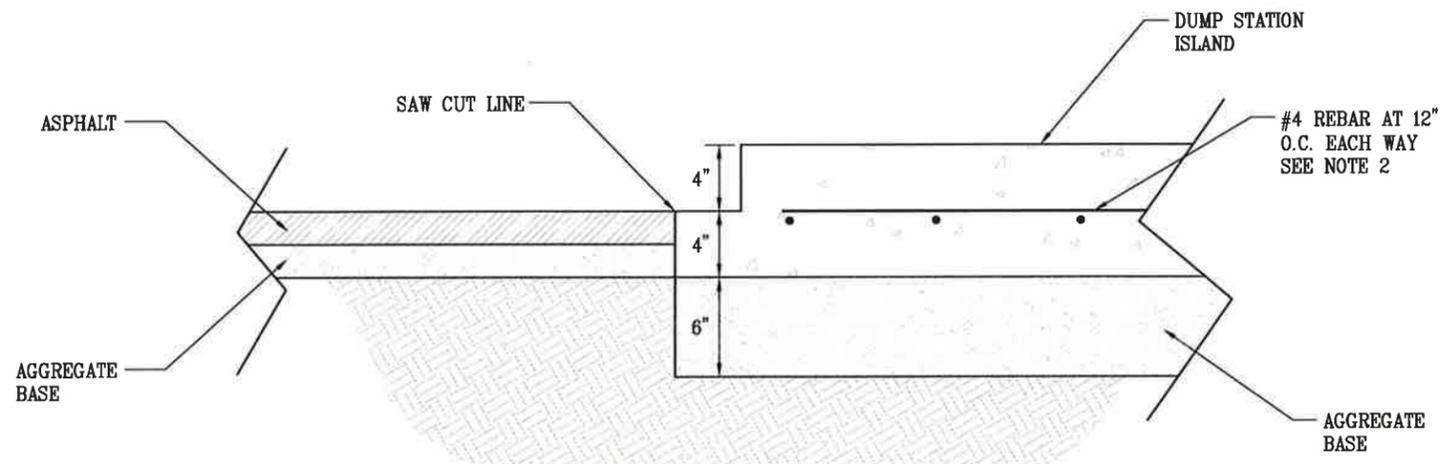
DESIGN	BY: S. O'NEIL	APPROVED:	DATE
DRAWING	CHECK: J. DODDS BY: B. STEPHENSON CHECK: S. O'NEIL	DIRECTOR, ENGINEERING	

DUCK CREEK CAMPGROUND
 DUMP STATION REHABILITATION
 NEW DUMP STATION LAYOUT



PROFILE-SECTION A-A
SEE SHEET 5

- NOTES:**
1. SLEEVE AND/OR WRAP WATER LINE INSIDE OF CONCRETE.
 2. CENTER THE REBAR WITHIN THE CONCRETE.



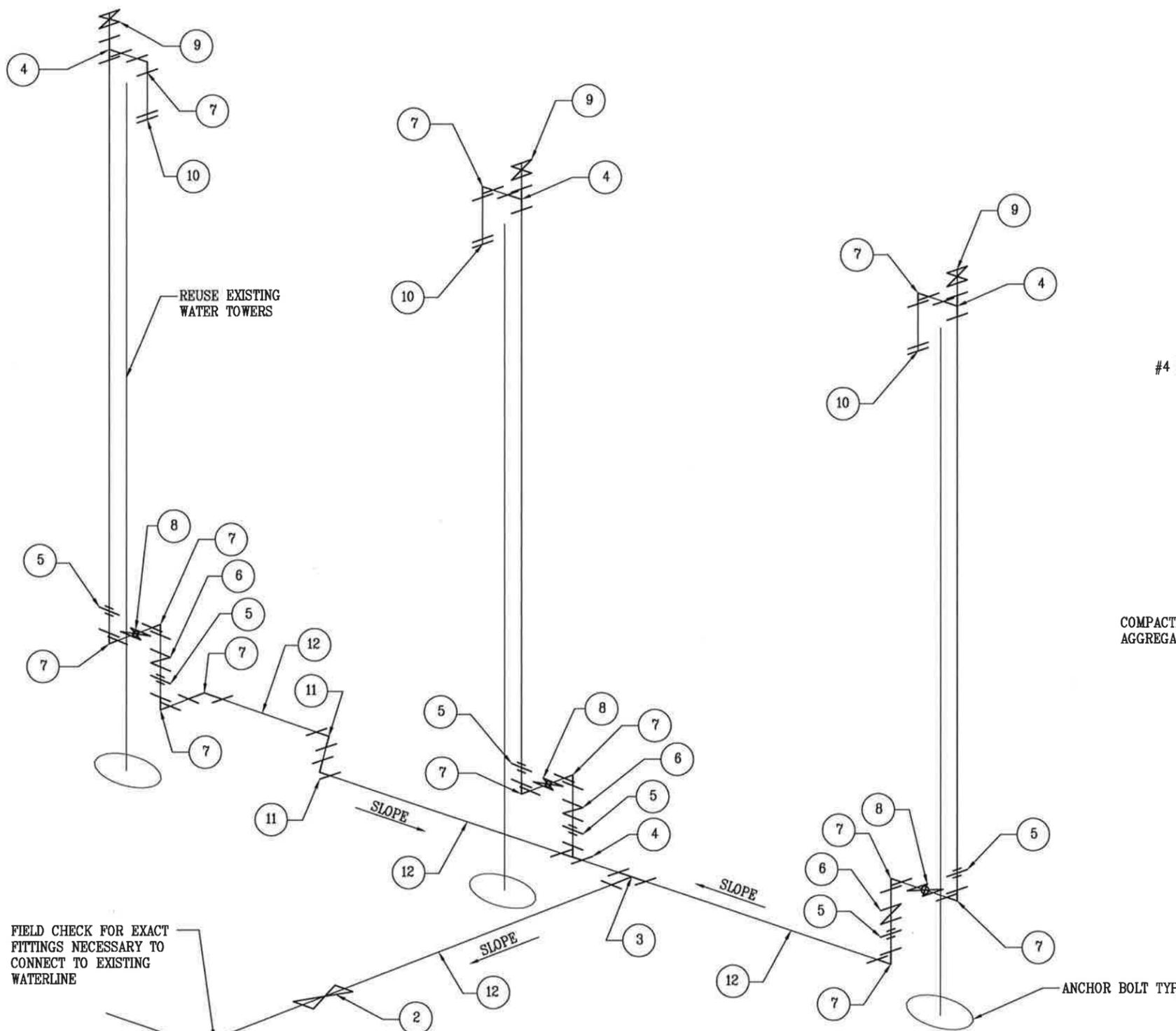
CONCRETE DETAIL

- CONCRETE
- EARTH
- AGGREGATE BASE
- ASPHALT

N SCALE: 1:20

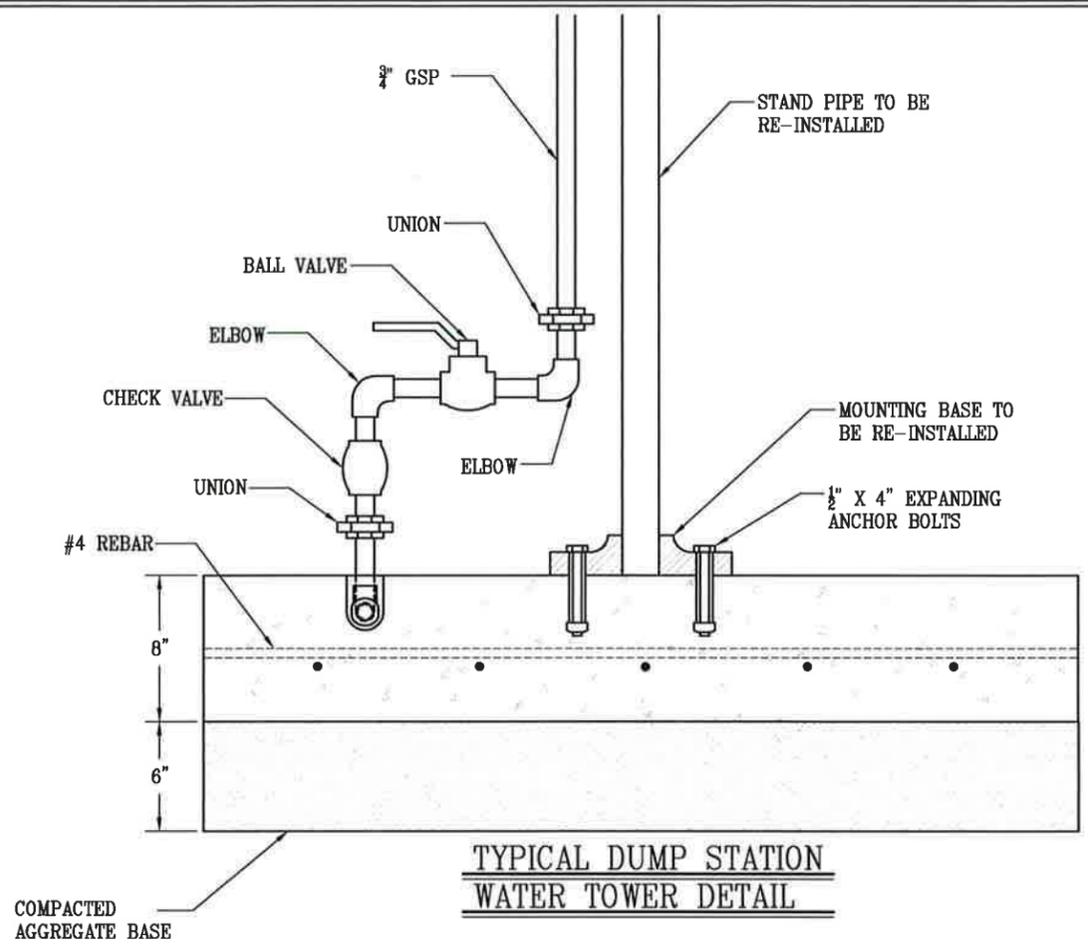
DESIGN	BY: S. O'NEIL
DRAWING	CHECK: J. DODDS
APPROVED:	BY: B. STEPHENSON
	CHECK: S. O'NEIL
	DATE

**DUCK CREEK CAMPGROUND
DUMP STATION REHABILITATION**
DUMP STATION LAYOUT SECTION VIEW

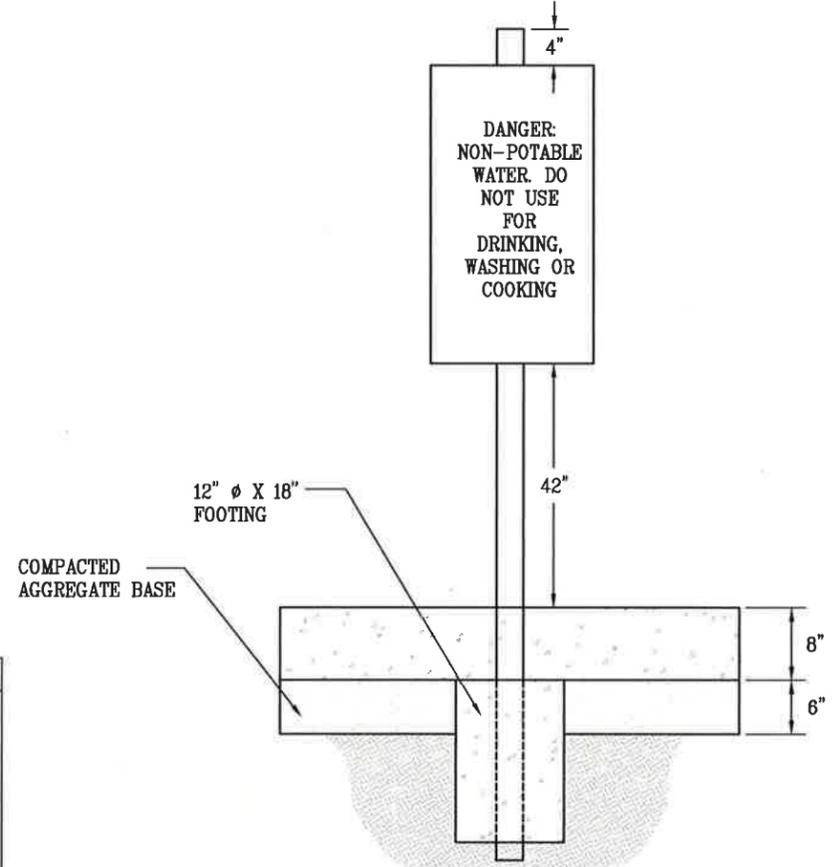


WATER LINE SCHEMATIC

ITEM	QUANT	DESCRIPTION	ITEM	QUANT	DESCRIPTION
1	1	2" X 2" X 1" GS TEE-THREADED	7	12	3/4" 90° ELBOW-THREADED
2	1	FORD B11-444M CURB VALVE 1" Ø WITH CURB BOX & STATIONARY ROD OR APPROVED EQUAL	8	3	3/4" BALL VALVE
3	1	1" X 3/4" X 3/4" TEE-THREADED	9	3	3/4" AIR/VAC. RELIEF VALVE
4	4	3/4" X 3/4" X 3/4" GS TEE-THREADED	10	3	3/4" HOSE BIB-THREADED
5	6	3/4" X 3/4" GS UNION-THREADED	11	2	3/4" 45° ELBOW-THREADED
6	3	3/4" CHECK VALVE	12		3/4" GSP PIPE



TYPICAL DUMP STATION WATER TOWER DETAIL



SIGN INSTALLATION DETAIL

NO SCALE

DESIGN	BY: S. O'NEIL	APPROVED:	DATE
DRAWING	CHECK: J. DODDS BY: B. STEPHENSON CHECK: S. O'NEIL		
	DIRECTOR, ENGINEERING		

**DUCK CREEK CAMPGROUND
 DUMP STATION REHABILITATION
 WATER LINE SCHEMATIC**