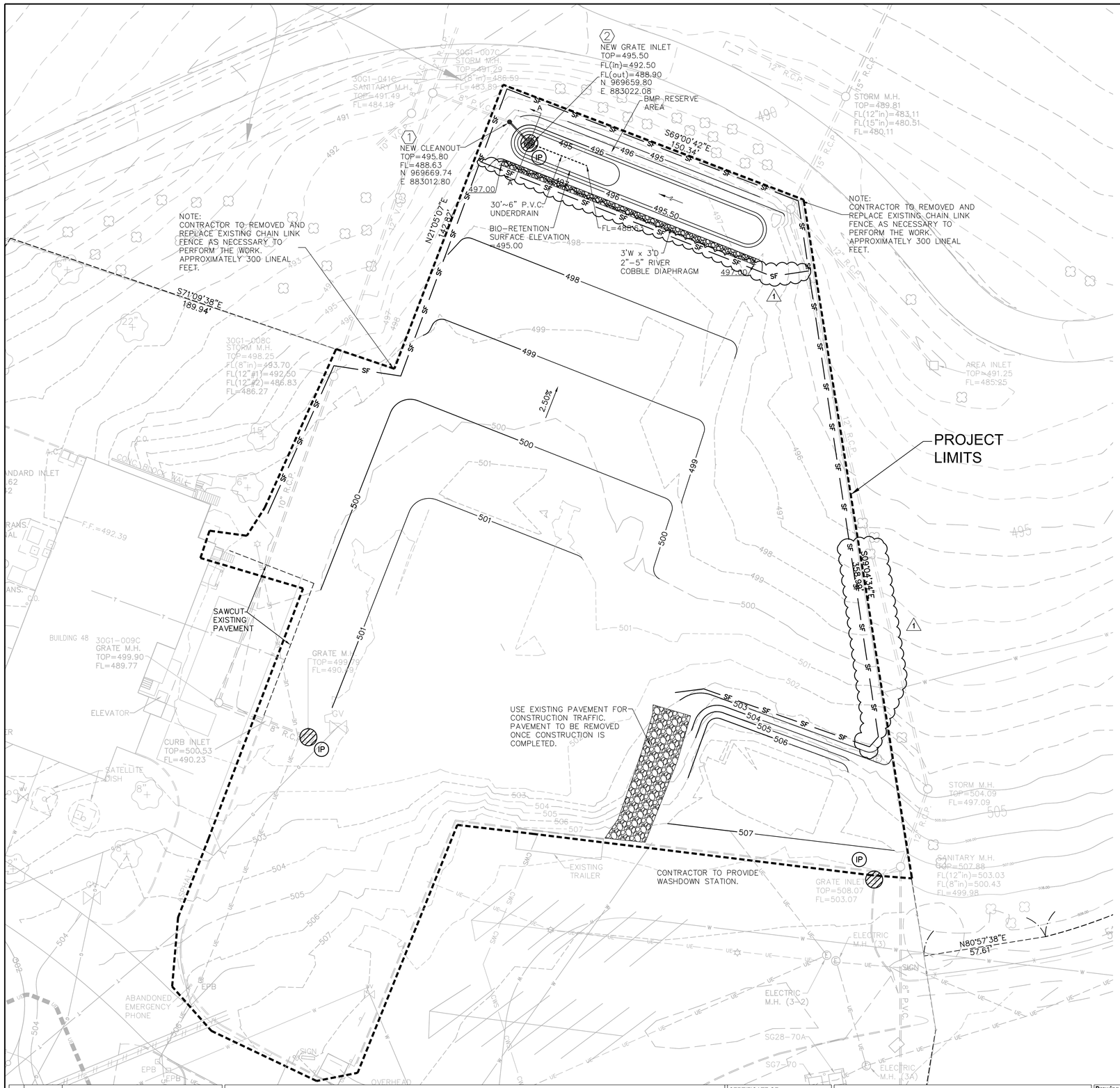


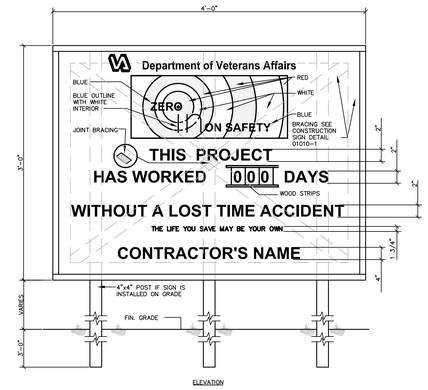
LEGEND

—— SF ——	SILT FENCE
IP	INLET PROTECTION

GRAPHIC SCALE

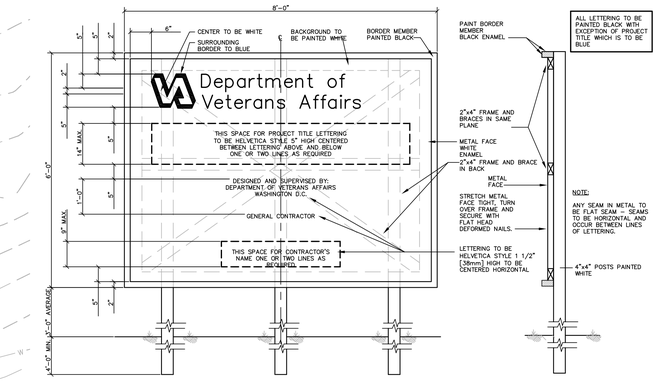
30 0 15 30 60 120

(IN FEET)
1 inch = 30 ft.



SAFETY SIGN

NTS (COORDINATE LOCATION OF SIGN WITH RESIDENT ENGINEER)



CONSTRUCTION SIGN

NTS (COORDINATE LOCATION OF SIGN WITH RESIDENT ENGINEER)

1

SEEDING REQUIREMENTS

Dates for Seeding

Permanent Seeding	Jan	Feb	March	April	May	June	July	Aug	Sep	Oct	Nov	Dec
Tall Fescue			O	O	O			O	O			
Smooth Brome			O	O	O			O	O			
Fescue & Brome			O	O	O	O		O	O			
Fescue, Rye & Bluegrass	A	A	O	O	O	P	P	O	O	P	P	A

Temporary Seeding	Jan	Feb	March	April	May	June	July	Aug	Sep	Oct	Nov	Dec
Rye or Golden	A	A	O	O	O	O	O	O	O	O	A	A
Oats	A	A	O	O	O	O	O	O	O			

O = Optimum seeding dates
A = Acceptable seeding dates
P = Permitted seeding dates with reseeding 2 months later - Initially use 50% of seed and 75% of fertilizer. Reseed with additional 75% seed and remaining fertilizer.

Minimum Fertilizer and Seeding Rates

Permanent Seeding*	Pounds per acre	Pounds Per 1000 sq. ft.
Tall Fescue	300	7.0
Smooth Brome	200	4.6
Mixture # 1	250	5.7
Mixture # 2	210	4.8

Mixture # 1 = Tall Fescue @ 150 pounds per acre and Brome @ 100 pounds per acre.
Mixture # 2 = Tall Fescue @ 100 pounds per acre; Perennial Rye grass @ 100 pounds per acre; and Kentucky Blue grass @ 10 pounds per acre.
* = Seeding rate for slopes in excess of 30% (3:1), shall be 10 pounds per 1000 sq. ft.

Temporary Seeding	Pounds per acre	Pounds Per 1000 sq. ft.
Rye or Golden	150	3.5
Oats	200	2.5

Fertilizer	Permanent Seeding (pounds per acre)	Temporary Seeding (pounds per acre)
Nitrogen	45	30
Phosphate	65	30
Potassium	65	30
Lime - ENM	600	600

ENM = Effective neutralizing material per State evaluation of quarried rock.

NOTE:

DURING CONSTRUCTION AND DEMOLITION, SITE RUNOFF SHALL NOT FLOW INTO BIO-RETENTION AREA. ALL STORMWATER FLOW TO BIO-RETENTION AREA SHALL BE DIVERTED, PLUGGED, OR DISCONNECTED UNTIL THE CONSTRUCITON SITE IS STABLE AND THE MSD INSPECTOR PROVIDES APPROVAL TO PLACE THE BMP ONLINE.

NOTE:

ALL DISTURBED AREAS TO BE SEEDED AFTER A PHASE OF ROUGH OR FINISHED GRADING HAS BEEN COMPLETED, OR AREAS WHERE NO ACTIVITY WILL OCCUR FOR 30 DAYS.

SEEDED AREAS SHALL BE PROTECTED FROM FOOT AND VEHICLE TRAFFIC.

RESEED AREAS THAT HAVE NOT SPROUTED WITHIN 21 DAYS OF PLANTING.

REPAIR DAMAGED OR ERODED AREAS AND RESEED AND STABILIZE AS NEEDED.

DO NOT MOW UNTIL 4" OF GROWTH HEIGHT OCCURS AND DURING FIRST 4 MONTCHS, MOW NO MORE THAN 1/3 THE GRASS HEIGHT.

REFERTILIZE DURING 2ND GROWING SEASON.

BASE MAP # 30-H-2 & 30-G-1 MSD P#4047-15

No.	Date	Revisions
1	01/20/15	Amendment 5

VA FORM 08-6231 ORIGINAL SIZE OF THIS SHEET IS 30" X 42"

CONSULTANTS:

CIVIL ENGINEER:
STOCK & ASSOCIATES CONSULTING ENGINEERS, INC.
257 CHESTERFIELD BUSINESS PARKWAY
CHESTERFIELD, MO 63005
PHONE: (636) 530-9100

FIRE PROTECTION:
CODE CONSULTANTS, INC.
2043 WOODLAND PARKWAY, SUITE 300
ST. LOUIS, MO 63146
PHONE: (314) 991-2633

ESTIMATING:
KWAME BUILDING GROUP, INC.
1204 WASHINGTON AVENUE, SUITE 200
ST. LOUIS, MO 63103
PHONE: (314) 754-5630

HAZARDOUS MATERIALS:
ALTEC ENVIRONMENTAL CONSULTANTS, INC.
P.O. BOX 17867
SHREVEPORT, LA 71138-0867
PHONE: (318) 687-3771

CERTIFICATE OF AUTHORITY: 000996
GEORGE M. STOCK E-25116 CIVIL ENGINEER

STATE OF MISSOURI
GEORGE MICHAEL STOCK
NUMBER PE-25116
PROFESSIONAL ENGINEER

ARCHITECT:

CHRISTNER
ARCHITECTS | DESIGNERS | PLANNERS | LANDSCAPE ARCHITECTS
168 N. MERAMEC AVENUE | ST. LOUIS | MISSOURI 63105
TEL 314 725 2927 | FAX 314 725 2926 | CHRISTNERINC.COM

THE SEAL (S) AND SIGNATURE(S) APPLY ONLY TO THE DOCUMENT TO WHICH THEY ARE AFFIXED, AND WE EXPRESSLY DISCLAIM ANY RESPONSIBILITY FOR ALL OTHER PLANS, SPECIFICATIONS, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS RELATING TO OR INTENDED TO BE USED FOR ANY PART OF PARTS OF THE PROJECT.
© COPYRIGHT 2012 CHRISTNER INC.

Drawing Title: **SITE & GRADING PLAN**

Approved: Project Director

Project Title: **DEMOLISH UTILITY PLANT**

Project Number: **657-313G**

Building Number: **70/70A/71/82**

Location: **JEFFERSON BARRACKS DIVISION**

Date: 29 OCTOBER 2012 | Checked: D.P.B. | Drawn: J.E.B.

Drawing Number: **C-102**
Dwg. 5 of 27

Office of Construction and Facilities Management

Department of Veterans Affairs