



1901 CHOUTEAU AVE.
ST. LOUIS, MO 63103



BLACK & VEATCH

16305 SWINGLEY RIDGE RD, SUITE 230
CHESTERFIELD, MO 63017
(636) 536-5800

PROJECT NO: 409336.0036.2030
DRAWN BY: VDP
CHECKED BY: AL

REV	DATE	DESCRIPTION
7	09/16/24	PER JURISDICTION COMMENTS
6	07/01/24	PER CONTRACTOR COMMENTS
5	04/22/24	PER JURISDICTION COMMENTS
4	02/15/24	PER CLIENT COMMENTS
3	01/09/24	PER JURISDICTION COMMENTS
2	10/16/23	PER JURISDICTION COMMENTS
1	06/15/23	PER JURISDICTION COMMENTS
0	05/19/23	ISSUED FOR 100% CDs

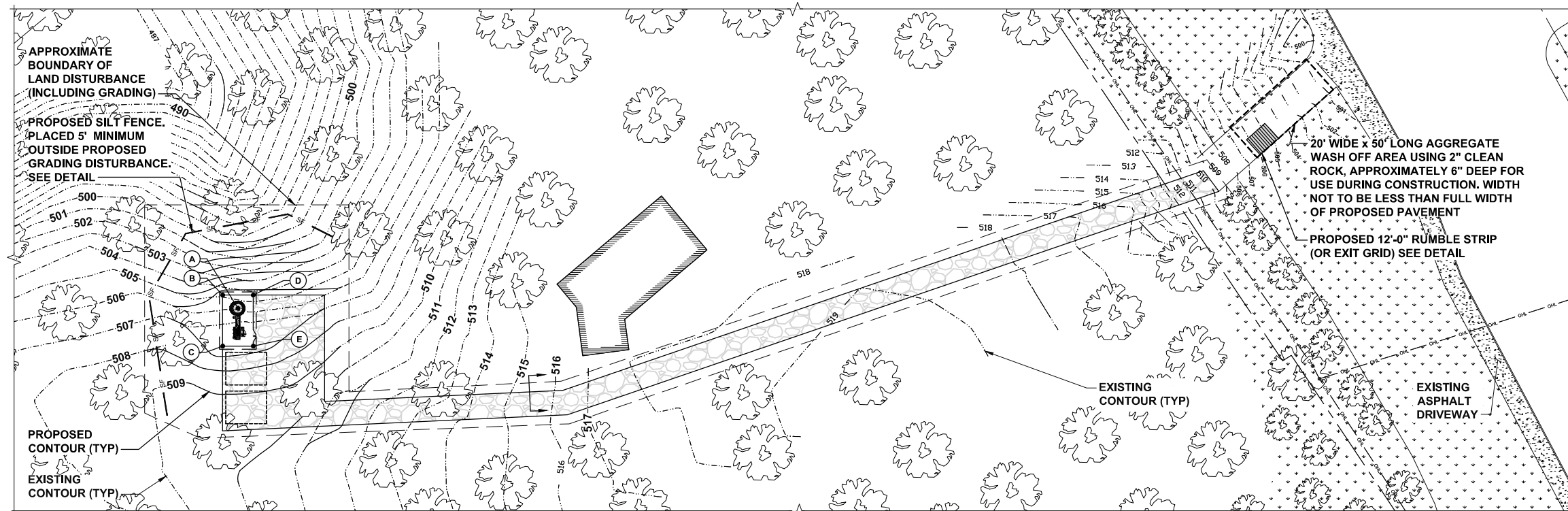


IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS
THEY ARE ACTING UNDER THE DIRECTION OF A
LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS
DOCUMENT.

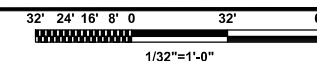
AMEREN PLTE PROJECT
KEATON
3605 HWY K
O'FALLON, MO 63368
MONOPOLE

SHEET TITLE
**SITE DEVELOPMENT
PLAN & DETAILS**

SHEET NUMBER
A-1



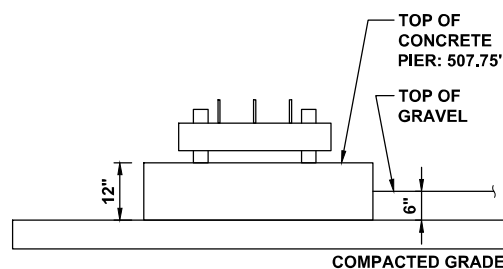
GRADING AND SITE DEVELOPMENT PLAN



1

COMPOUND ELEVATIONS

- (A) TOP OF CONCRETE PIER EL: 507.75'
- (B) NW COMPACTED GRADE EL: 506.55'
TOP OF GRAVEL: 507.05'
- (C) SW COMPACTED GRADE EL: 506.80'
TOP OF GRAVEL: 507.30'
- (D) NE COMPACTED GRADE EL: 506.55'
TOP OF GRAVEL: 507.05'
- (E) SE COMPACTED GRADE EL: 500.80'
TOP OF GRAVEL: 507.30'

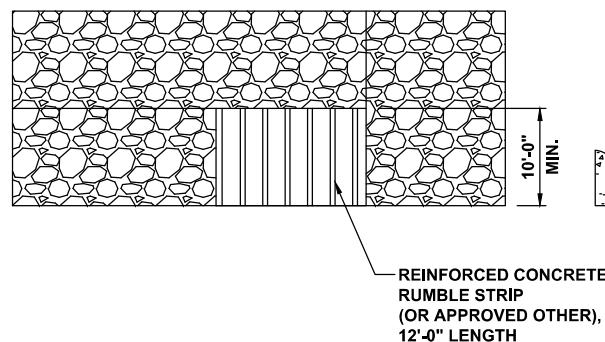


CONCRETE PIER AND COMPOUND ELEVATIONS

NO SCALE

2

*ALL OTHER STORM OR SANITARY SEWER DETAILS WILL BE BY M.S.D. STANDARD AND SPECIFICATIONS.



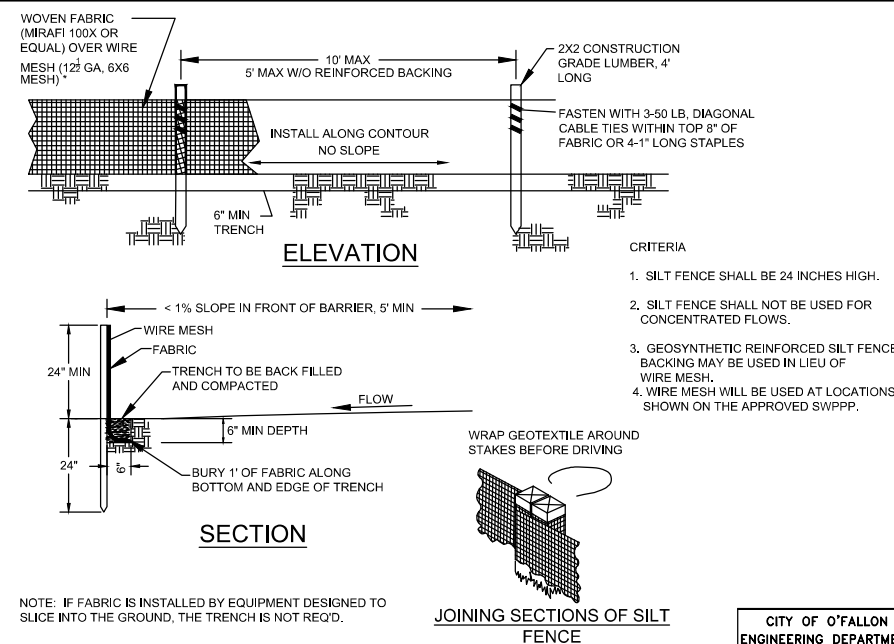
REINFORCED CONCRETE
RUMBLE STRIP
(OR APPROVED OTHER),
12'-0" LENGTH

RUMBLE STRIP DETAIL

CITY OF O'FALLON
ENGINEERING DEPARTMENT
O'FALLON, MISSOURI

NO SCALE

3



ELEVATION

SECTION

JOINING SECTIONS OF SILT
FENCE

NOTE: IF FABRIC IS INSTALLED BY EQUIPMENT DESIGNED TO
SLICE INTO THE GROUND, THE TRENCH IS NOT REQ'D.

- CRITERIA
1. SILT FENCE SHALL BE 24 INCHES HIGH.
 2. SILT FENCE SHALL NOT BE USED FOR CONCENTRATED FLOWS.
 3. GEOSYNTHETIC REINFORCED SILT FENCE BACKING MAY BE USED IN LIEU OF WIRE MESH.
 4. WIRE MESH WILL BE USED AT LOCATIONS SHOWN ON THE APPROVED SWPPP.

SILT FENCE INSTALLATION DETAIL

CITY OF O'FALLON
ENGINEERING DEPARTMENT
O'FALLON, MISSOURI

NO SCALE

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