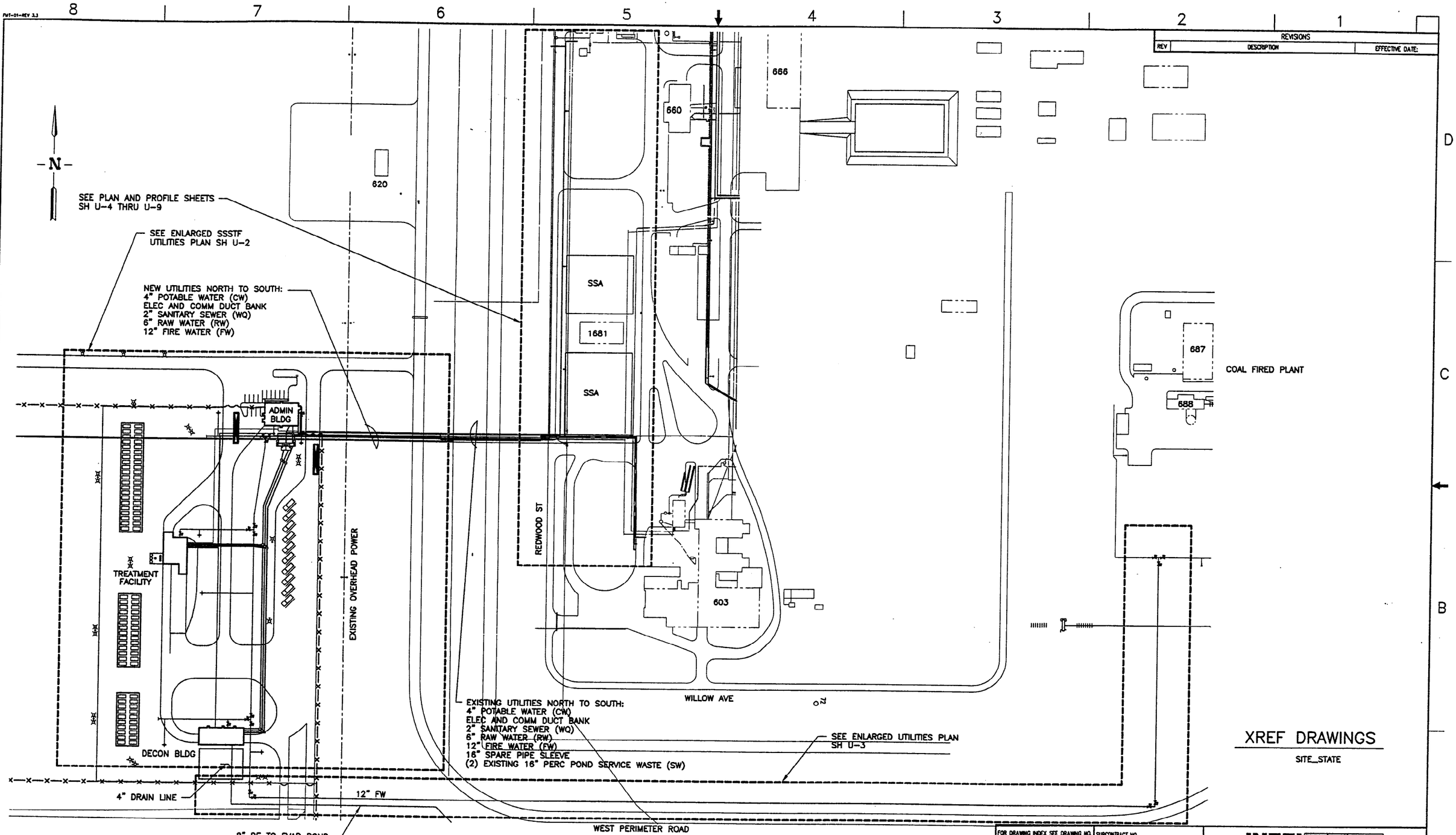


XREF DRAWINGS

SITE_STATE

NOTES

1. HORIZONTAL DATUM IS BASED ON NAD27 STATE PLANE.

OVERALL UTILITIES PLAN

REVISIONS		
REV	DESCRIPTION	EFFECTIVE DATE:

FOR DRAWING INDEX SEE DRAWING NO.

SCALE: 1" = 100.0'

INDEX CODE NUMBER			
AREA	TYPE	CL	ORIG
200	0400	090	090

DESIGN PHASE: 30%

QUALITY LEVEL: 3

SUBCONTRACT NO.

REQUESTER: S.A. DAVIES

DESIGN: MARK POPE

DRAWN: Gene K. Mace

PROJECT NO. 020996

SPEC CODE

FOR REVIEW/APPROVAL SIGNATURES SEE DAR NO.

EFFECTIVE DATE:

INEEL

INTEC
STAGING, STORAGE, SIZING, AND TREATMENT FACILITY (SSSTF)
OVERALL UTILITIES PLAN

SIZE	CAGE CODE	INDEX CODE NUMBER				DWG-	REV
		AREA	TYPE	CL	ORIG		
D	01MF3	200	0200	52	090		

SCALE: 1"=100.0'

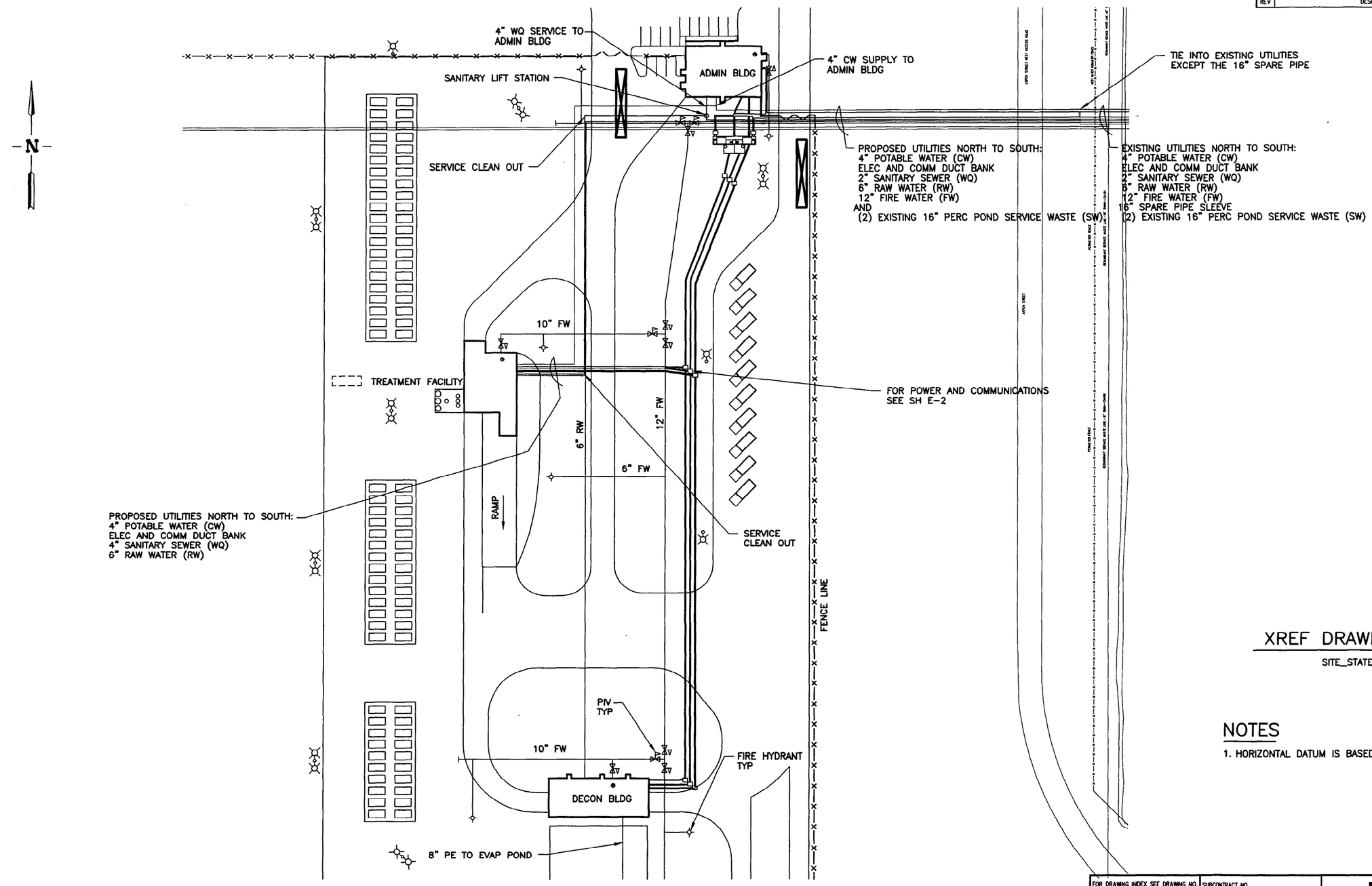
SHEET U-1

File: 3719-p01-site... Path: P:\SSSTF

Layout Name: Layout1 Date: 10/26/00 - 2:55 P.M.

FMT-D1-REV 3.3

REVISIONS		
REV	DESCRIPTION	EFFECTIVE DATE:



ENLARGED SSSTF UTILITIES PLAN

XREF DRAWINGS

SITE_STATE

NOTES

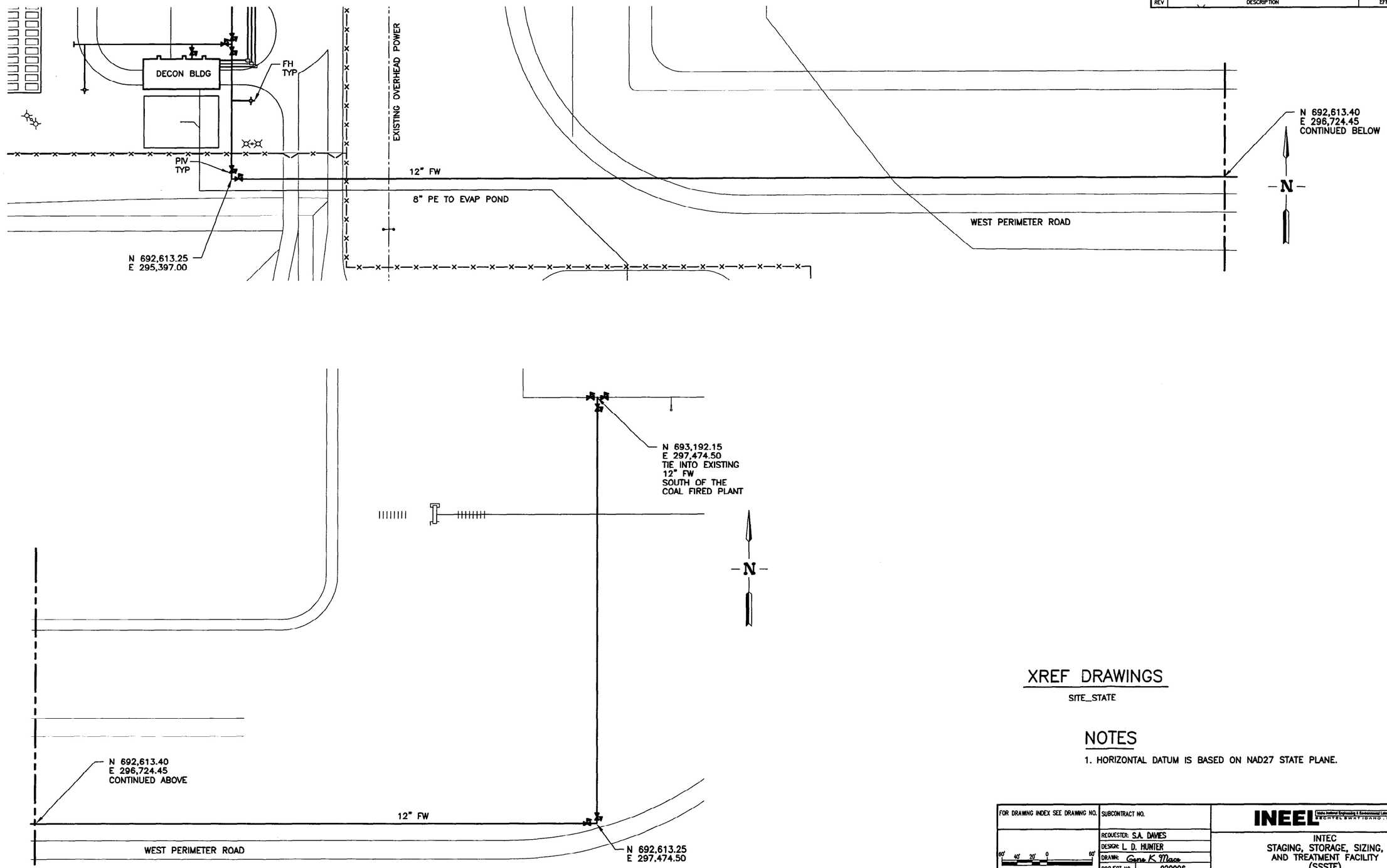
1. HORIZONTAL DATUM IS BASED ON NAD27 STATE PLANE.

FOR DRAWING INDEX SEE DRAWING NO.	SUBCONTRACT NO.	INEEL (Idaho National Engineering & Environmental Laboratory) LOCKHEED MARTIN IDAHO, LLC
50' 30' 10' 0 50' SCALE: 1" = 50.0'	REQUESTER: S.A. DAVIES DESIGN: MARK POPE DRAWN: Gene K. Mace PROJECT NO. 020996 SPEC CODE	INTEC STAGING, STORAGE, SIZING, AND TREATMENT FACILITY (SSSTF) ENLARGED SSSTF UTILITIES PLAN
INDEX CODE NUMBER: AREA 200, TYPE 0400, CL 10, ORIG 090	DESIGN PHASE: 30% QUALITY LEVEL: 3	FOR REVIEW/APPROVAL SIGNATURES SEE DAR NO. EFFECTIVE DATE:
SIZE D; CAGE CODE 01MF3; INDEX CODE NUMBER: AREA 200, TYPE 0200, CL 52, ORIG 090; DWG-	REV	SCALE: 1"=50.0'
SHEET U-2		

File: 3719-p02-site.dwg MKG
Path: P:\SSSTF
Layout Name: Layout1
Date: 10/26/00 - 2:43 P.M.

FMT-D1-REV 3.3

REVISIONS		
REV	DESCRIPTION	EFFECTIVE DATE:



FIRE WATER LOOP PLAN

XREF DRAWINGS

SITE_STATE

NOTES

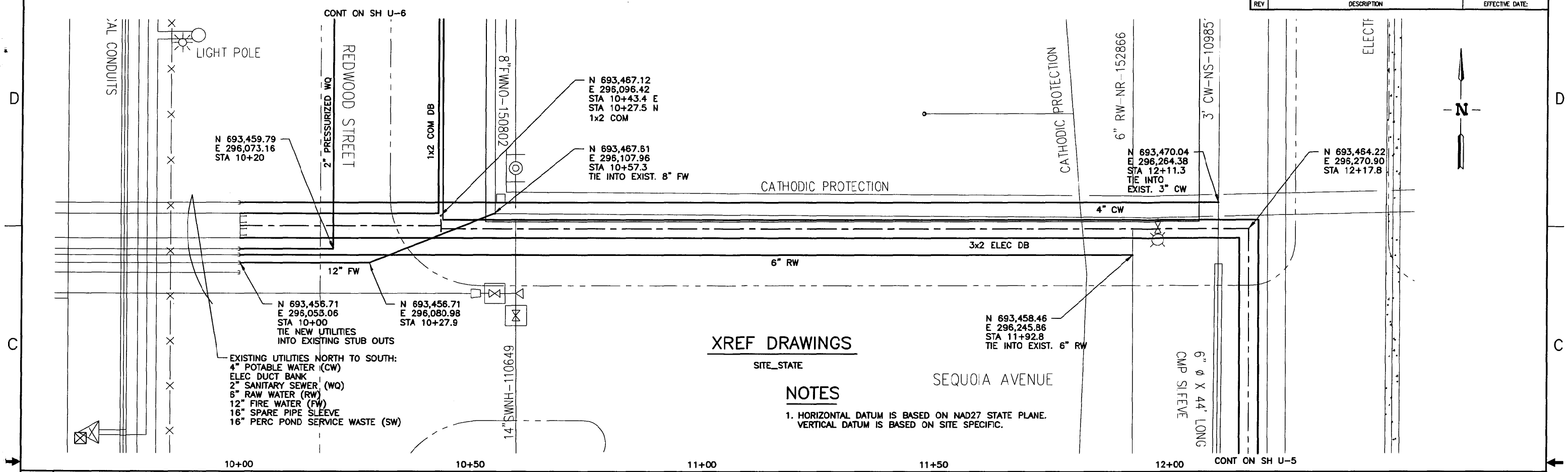
1. HORIZONTAL DATUM IS BASED ON NAD27 STATE PLANE.

FOR DRAWING INDEX SEE DRAWING NO.	SUBCONTRACT NO.	INEEL (Idaho National Engineering & Environmental Laboratory) BECHTEL BWXT IDAHO, LLC
SCALE: 1" = 60.0'	REQUESTER: S.A. DAVIES DESIGN: L. D. HUNTER DRAWN: Gene K. Mace PROJECT NO. 020996 SPEC CODE	INTEC STAGING, STORAGE, SIZING, AND TREATMENT FACILITY (SSSTF) FIRE WATER LOOP PLAN
DESIGN PHASE: 30%	FOR REVIEW/APPROVAL SIGNATURES SEE DAR NO.	SIZE D · CAGE CODE 01MF3 · INDEX CODE NUMBER AREA 200 TYPE 0200 CL 52 ORIG 090 · DWG- · REV
QUALITY LEVEL: 3	EFFECTIVE DATE:	SCALE: 1"=60.0' · SHEET U-3

File: 3719-p03-site.dwg MKG Layout Name: Layout1
Path: P:\SSSTF Date: 10/28/00 - 3:49 P.M.

FMT-PP-REV 2.2

REVISIONS		
REV	DESCRIPTION	EFFECTIVE DATE:

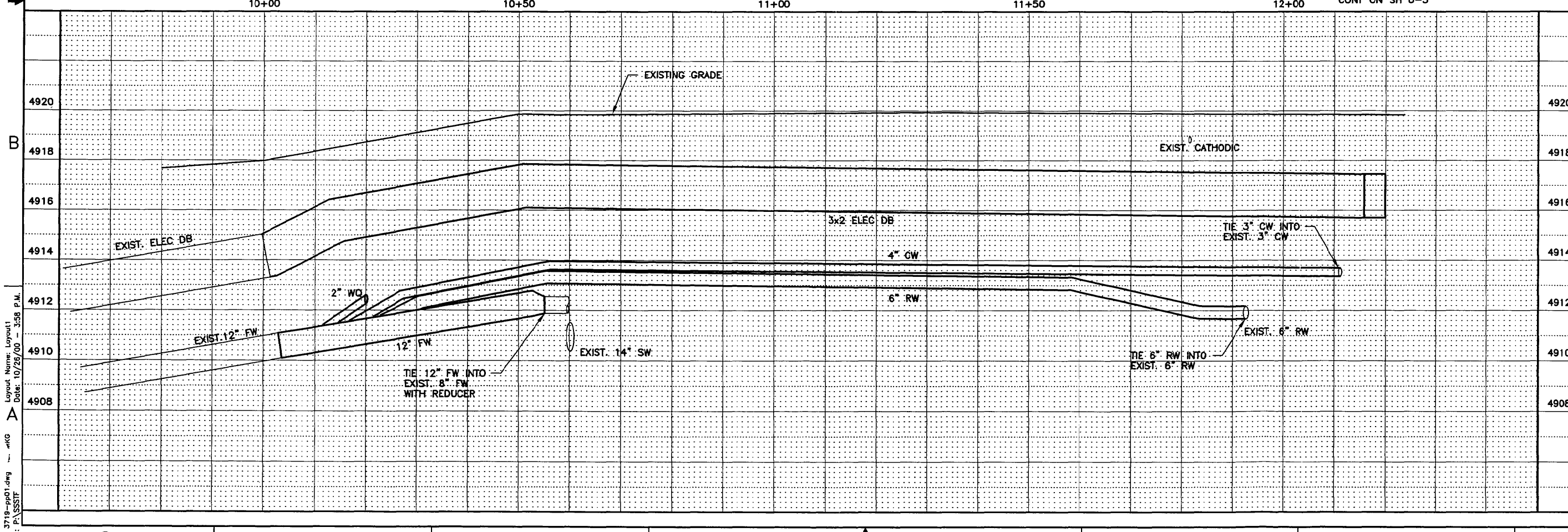


XREF DRAWINGS

SITE_STATE

NOTES

1. HORIZONTAL DATUM IS BASED ON NAD27 STATE PLANE.
   VERTICAL DATUM IS BASED ON SITE SPECIFIC.



FOR DRAWING INDEX SEE DRAWING NO.

SCALE: 1" = 10.0'

HORIZONTAL SCALE	1"=10.0'
VERTICAL SCALE	1"=2.0'
DESIGN PHASE:	30%
QUALITY LEVEL:	3

INEEL

INTEC
STAGING, STORAGE, SIZING, AND TREATMENT FACILITY (SSSTF)

PLAN AND PROFILE 10+00-12+18

SIZE D | CAGE CODE 01MF3 | BOX CODE 200 | DWG TYPE C | DWG NUMBER 090 | DWG- | REV | SHEET U-4

SCALE: SEE HORIZONTAL & VERTICAL

SUBCONTRACT NO.

REQUESTER: S.A. DAVIES

DESIGN: M.S. SNEDDEN

DRAWN: Gene K. Tilton

PROJECT NO. 020996

SPEC CODE

FOR REVIEW/APPROVAL SIGNATURES

SEE DWG NO.

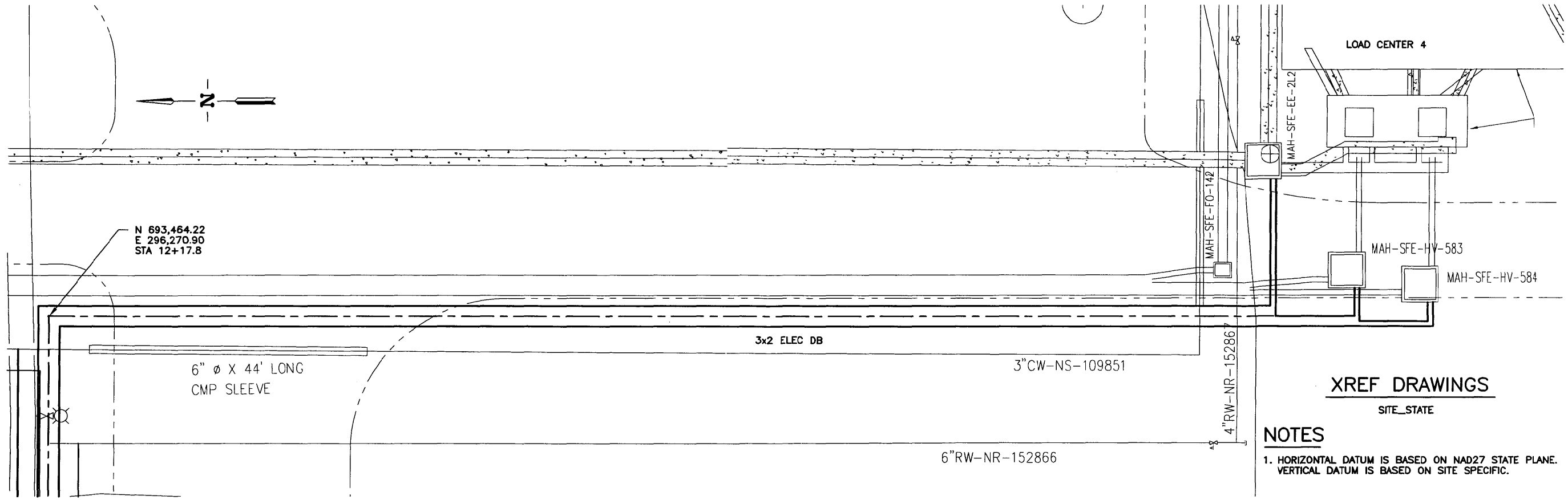
EFFECTIVE DATE:

Layout Name: Layout1
Date: 10/26/00 — 3:58 P.M.

File: 3719-pp01.dwg — MKG
Path: P:\SSSTF

FMT-PP-REV 2.2

REVISIONS		
REV	DESCRIPTION	EFFECTIVE DATE:

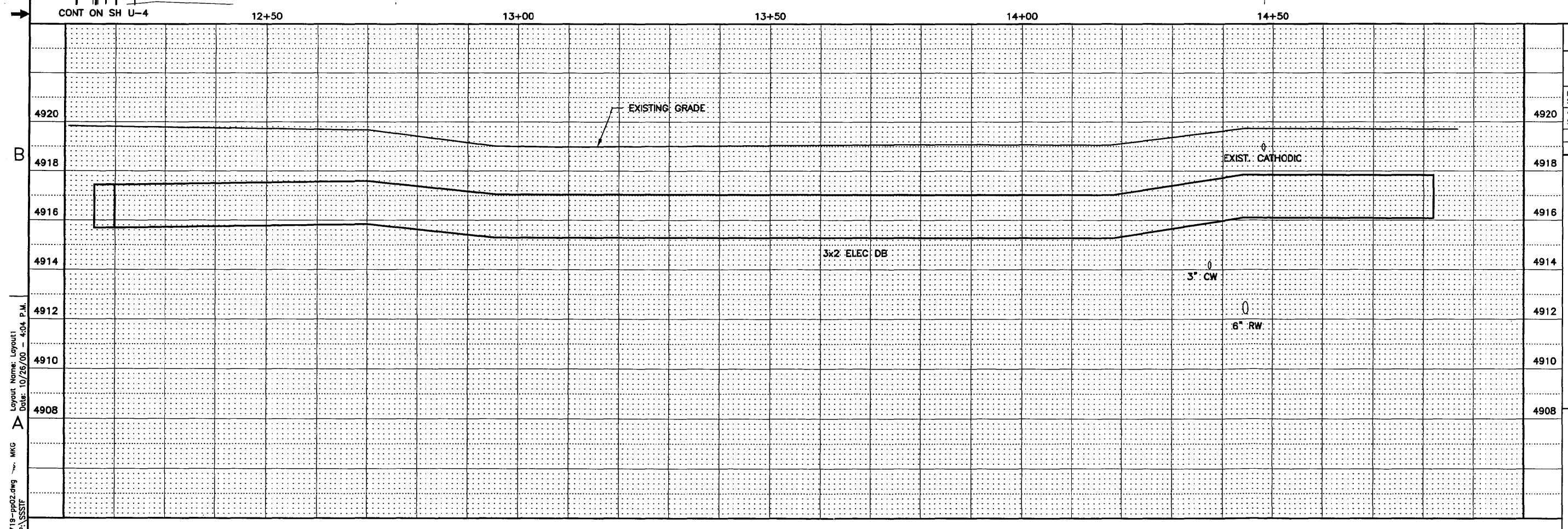


XREF DRAWINGS

SITE_STATE

NOTES

1. HORIZONTAL DATUM IS BASED ON NAD27 STATE PLANE. VERTICAL DATUM IS BASED ON SITE SPECIFIC.



FOR DRAWING INDEX SEE DRAWING NO.

SCALE: 1" = 10.0'

HORIZONTAL SCALE	1"=10.0'
VERTICAL SCALE	1"=2.0'
DESIGN PHASE:	30%
QUALITY LEVEL:	3

INEEL

INTEC
STAGING, STORAGE, SIZING, AND TREATMENT FACILITY (SSSTF)
PLAN AND PROFILE 12+18-14+82

SIZE	CADE CODE	BOX TYPE	BOX SUBTYPE	DWG-	REV
D	01MF3	PRJ	TYP	080	
		200	D	080	

SHEET U-5

SCALE: SEE HORIZONTAL & VERTICAL

SUBCONTRACT NO.
REQUESTED: S.A. DAVIES
DESIGN: M.S. SNEDDEN
DRAWN: Gene K. Tillson
PROJECT NO. 020996
SPEC CODE
FOR REVIEW/APPROVAL SIGNATURES
SEE DAR NO.
EFFECTIVE DATE:

Layout Name: Layout1
Date: 10/26/00 - 4:04 P.M.

File: 3719-pp02.dwg ~ MKG
Path: P:\SSSTF

FMT-PP-REV 2.2

REVISIONS		
REV	DESCRIPTION	EFFECTIVE DATE:

CONT ON SH U-4

CATHODIC PROTECTION

14"SWNH-110649

8"FWNO-'50802

3x2 ELEC DB

6" RW

CONT ON SH U-7

1x2 COM DB

N 693,467.12
E 296,096.42
STA 10+43.4 E
STA 10+27.5 N
1x2 COM

N 693,459.79
E 296,073.16
STA 10+20

2" PRESSURIZED WQ

REDWOOD STREET

4" CW

12" FW

XREF DRAWINGS

SITE_STATE

NOTES

1. HORIZONTAL DATUM IS BASED ON NAD27 STATE PLANE. VERTICAL DATUM IS BASED ON SITE SPECIFIC.

LIGHT POLE

EXISTING UTILITIES NORTH TO SOUTH:
4" POTABLE WATER (CW)
ELEC DUCT BANK
2" SANITARY SEWER (WQ)
6" RAW WATER (RW)
12" FIRE WATER (FW)
16" SPARE PIPE SLEEVE
16" PERC POND SERVICE WASTE (SW)

LIGHT POLE

ELECTRICAL CABLES

ELECTRICAL CABLES

ELECTRICAL CABLES

12+50 12+00 11+50 11+00 10+50 10+00

4920 4918 4916 4914 4912 4910 4908

EXISTING GRADE

1x2 COM DB

2" PRESSURIZED WQ

4" CW

4" CONCRETE ENCASEMENT
10 FT EACH SIDE OF 4" CW

FOR DRAWING INDEX SEE DRAWING NO.

SCALE: 1" = 10.0'

HORIZONTAL SCALE	1"=10.0'
VERTICAL SCALE	1"=2.0'
DESIGN PHASE:	30%
QUALITY LEVEL:	3

INEEL

INTEC
STAGING, STORAGE, SIZING, AND TREATMENT FACILITY (SSSTF)

PLAN AND PROFILE 10+20-12+80

SIZE D | CADD CODE 01MF3 | BOOK CODE 2300 | TYPE CADD | NUMBER 1060 | DWG- 1090 | REV | SHEET U-6

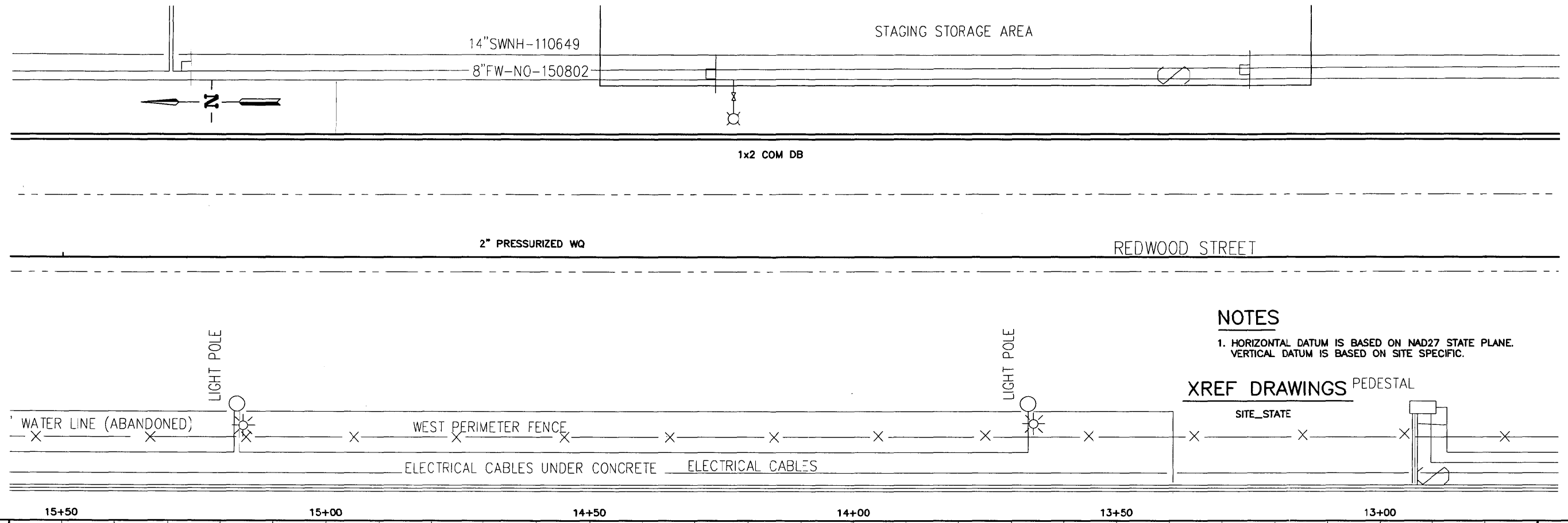
SCALE: SEE HORIZONTAL & VERTICAL

SUBCONTRACT NO.
REQUESTER: S.A. DAVIES
DESIGN: M.S. SHEDDEN
DRAWN: George K. Tillson
PROJECT NO. 020996
SPEC CODE
FOR REVIEW/APPROVAL SIGNATURES
SEE DAR NO.
EFFECTIVE DATE:

Layout Name: Layout1
Date: 10/26/00 - 4:06 P.M.
MKG
File: 3719-pp03.dwg
Path: P:\SSSTF

FMT-PP-REV 2.2

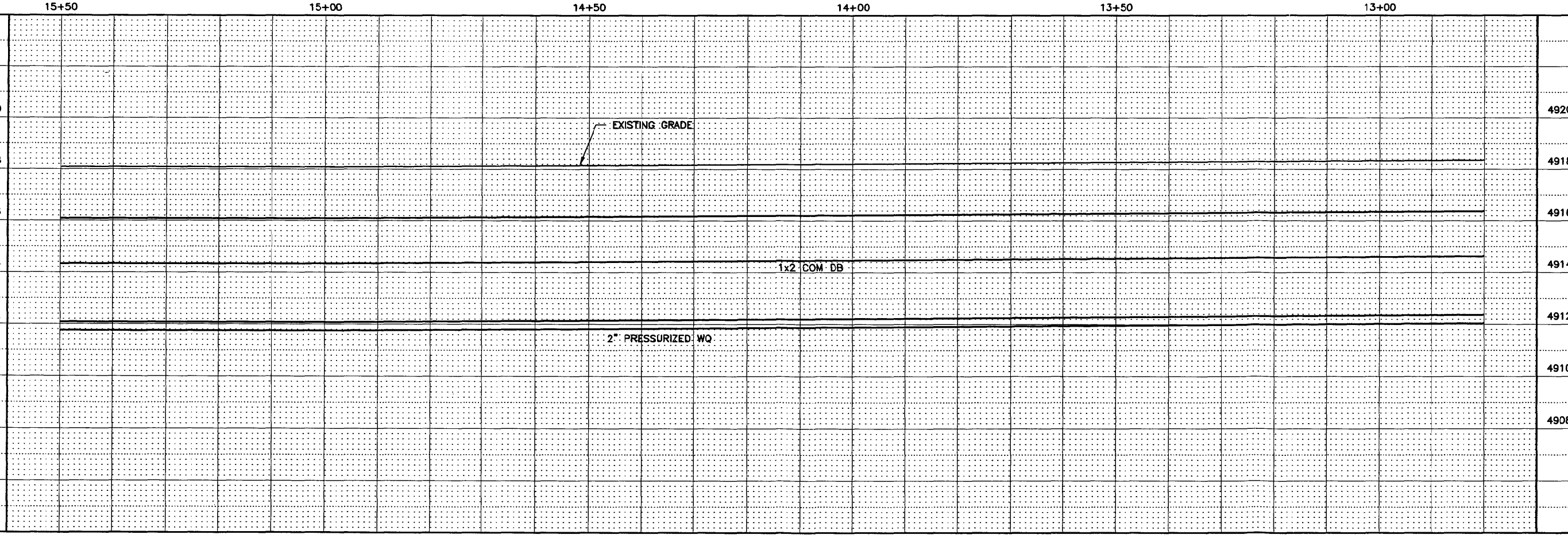
REVISIONS		
REV	DESCRIPTION	EFFECTIVE DATE:



NOTES

1. HORIZONTAL DATUM IS BASED ON NAD27 STATE PLANE. VERTICAL DATUM IS BASED ON SITE SPECIFIC.

XREF DRAWINGS
SITE_STATE



FOR DRAWING INDEX SEE DRAWING NO.

SCALE: 1" = 10.0'

HORIZONTAL SCALE	1"=10.0'
VERTICAL SCALE	1"=2.0'
DESIGN PHASE:	30%
QUALITY LEVEL:	3

INEEL
BATTELLE ENERGY ALLIANCE, LLC

INTEC
STAGING, STORAGE, SIZING, AND TREATMENT FACILITY (SSSTF)
PLAN AND PROFILE 12+80-15+50

SIZE	CAGE CODE	INDEX CODE NUMBER			DWG-	REV
		AREA	TYPE	SEQ		
D	01MF3	200			090	

SHEET U-7

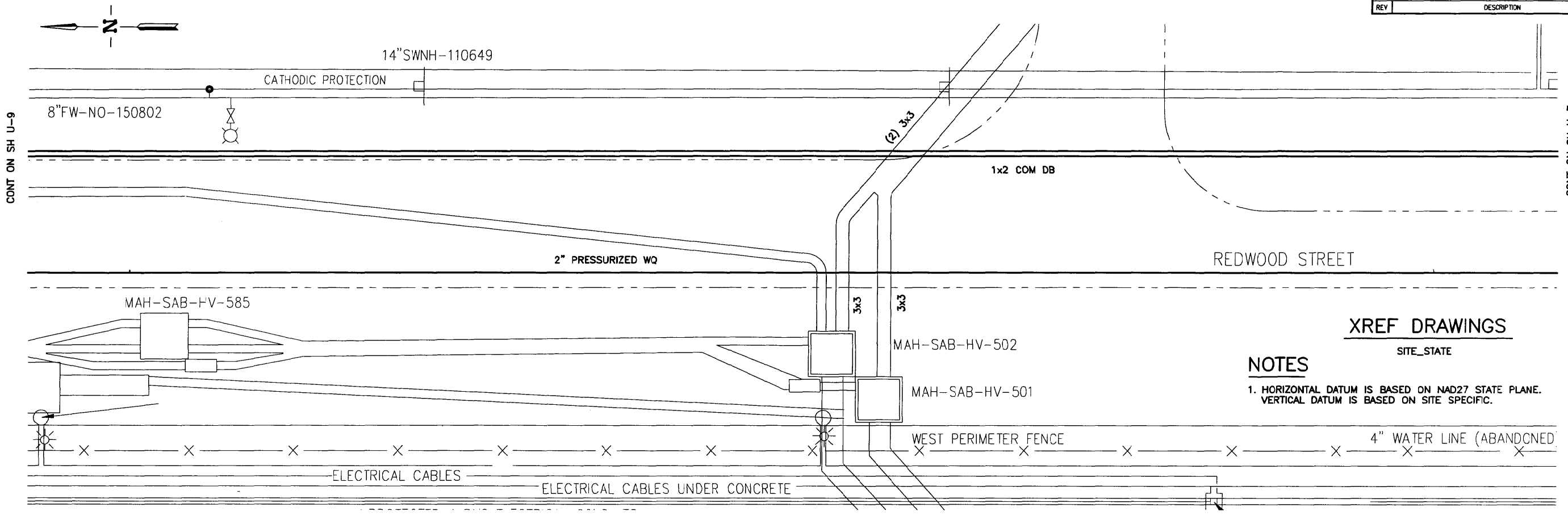
SCALE: SEE HORIZONTAL & VERTICAL

SUBCONTRACT NO.
REQUESTER: S.A. DAVIES
DESIGN: M.S. SNEDDEN
DRAWN: Gene K. Villace
PROJECT NO. 020996
SPEC CODE
FOR REVIEW/APPROVAL SIGNATURES
SEE DAR NO.
EFFECTIVE DATE:

Layout Name: Layout1
Date: 10/27/00 - 08:27 A.M.
MKG
File: 3719-pp04.dwg
Path: P:\SSSTF

FMT-PP-REV 2.2

REVISIONS		
REV	DESCRIPTION	EFFECTIVE DATE:

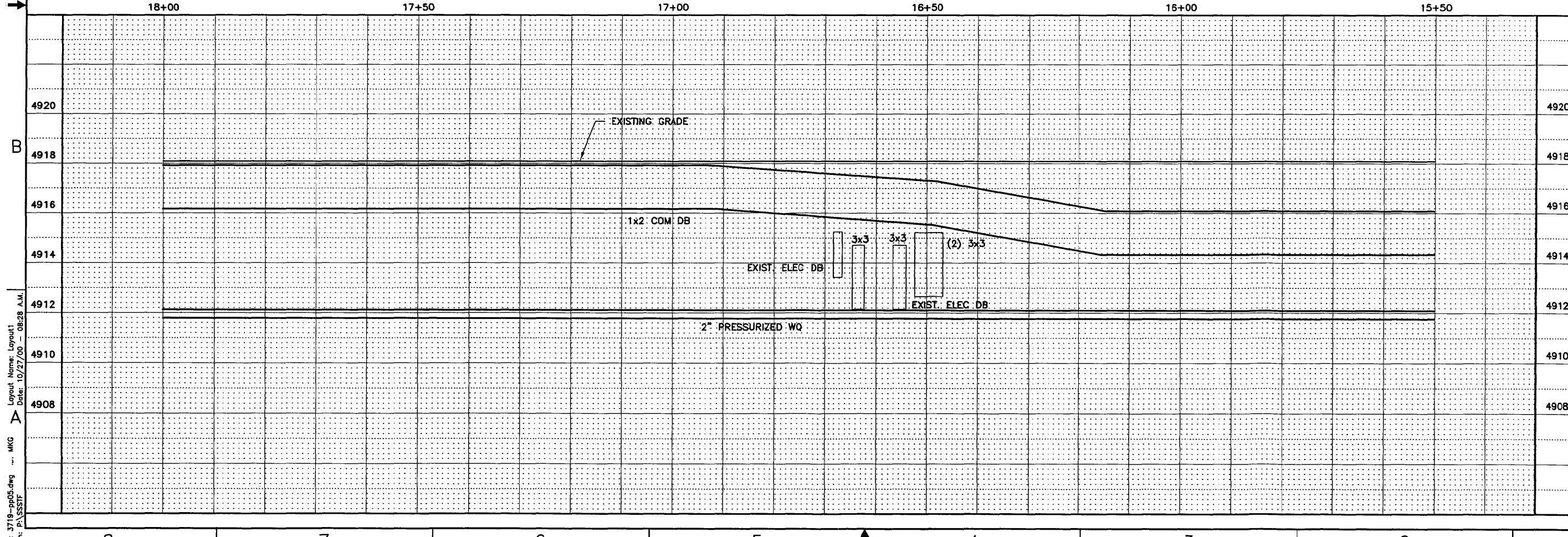


XREF DRAWINGS

SITE_STATE

NOTES

1. HORIZONTAL DATUM IS BASED ON NAD27 STATE PLANE. VERTICAL DATUM IS BASED ON SITE SPECIFIC.



FOR DRAWING INDEX SEE DRAWING NO.

SCALE: 1" = 10.0'

HORIZONTAL SCALE	1"=10.0'
VERTICAL SCALE	1"=2.0'
DESIGN PHASE:	30%
QUALITY LEVEL:	3

INEEL

INTEC STAGING, STORAGE, SIZING, AND TREATMENT FACILITY (SSSTF)

PLAN AND PROFILE 15+50-18+00

SIZE	CAGE CODE	INDEX CODE NUMBER			DWG-	SHEET	REV
D	01MF3	PROJ	TYPE	SQ	090	U-8	
		200					

SCALE: SEE HORIZONTAL & VERTICAL

SUBCONTRACT NO.

REQUESTER: S.A. DAVIES

DESIGN: M.S. SNEDDEN

DRAWN: Gene K. Villa

PROJECT NO. 020996

SPEC CODE

FOR REVIEW/APPROVAL SIGNATURES

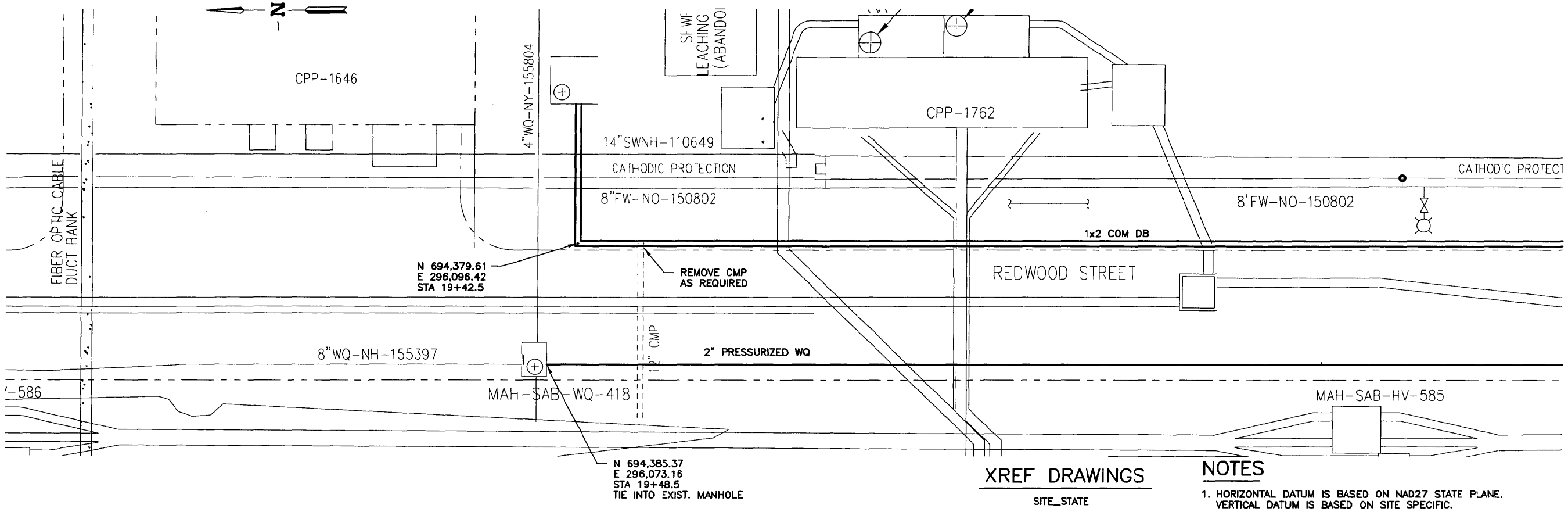
SEE DAR NO.

EFFECTIVE DATE:

File: 3719-pp05.dwg ... MKG
Path: P:\SSSTF
Layout Name: Layout1
Date: 10/27/00 - 08:28 A.M.

FMT-PP-REV 2.2

REVISIONS		
REV	DESCRIPTION	EFFECTIVE DATE:

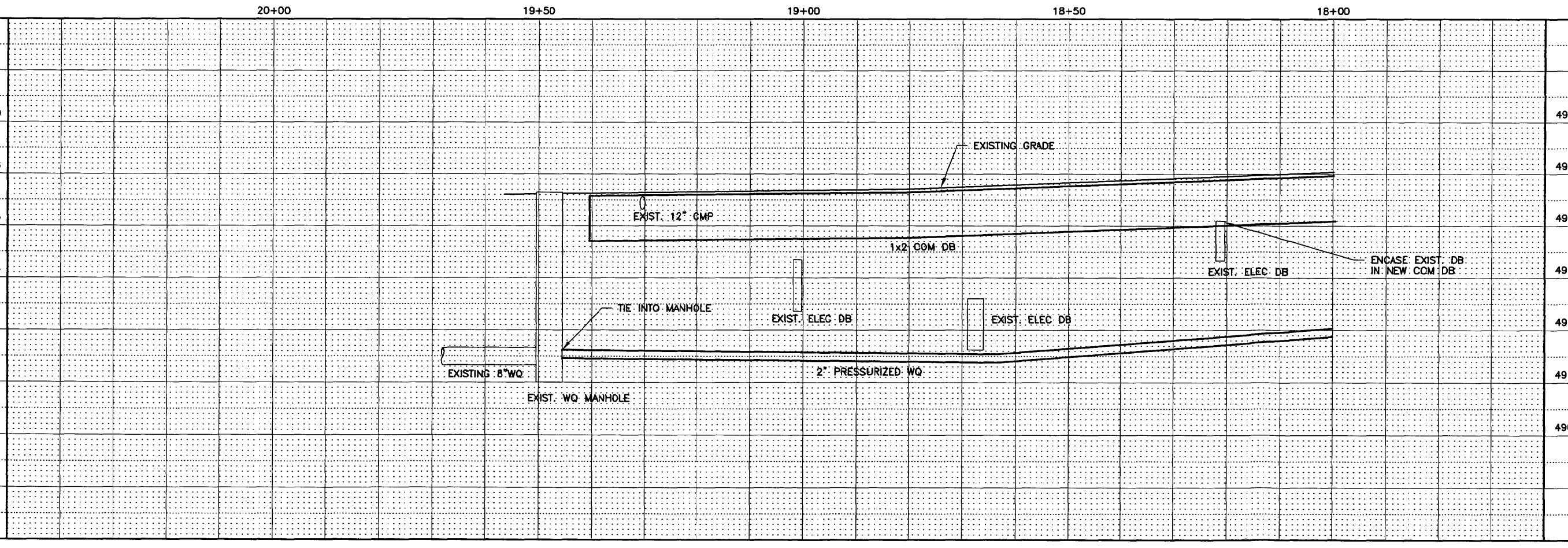


XREF DRAWINGS

SITE_STATE

NOTES

1. HORIZONTAL DATUM IS BASED ON NAD27 STATE PLANE. VERTICAL DATUM IS BASED ON SITE SPECIFIC.



FOR DRAWING INDEX SEE DRAWING NO.

SCALE: 1" = 10.0'

HORIZONTAL SCALE	1"=10.0'
VERTICAL SCALE	1"=2.0'
DESIGN PHASE:	30%
QUALITY LEVEL:	3

INEEL

INTEC
STAGING, STORAGE, SIZING, AND TREATMENT FACILITY (SSSTF)
PLAN AND PROFILE 18+00-19+46

SIZE D | CAGE CODE 01MF3 | PROJECT CODE 200 | DISC. CODE 1 | DWG. CODE 090 | DWG- | REV | SHEET U-9

SCALE: SEE HORIZONTAL & VERTICAL

SUBCONTRACT NO.
REQUESTER: S.A. DAVIES
DESIGN: M.S. SNEDDEN
DRAWN: Gene K. Tilton
PROJECT NO. 020996
SPEC CODE
FOR REVIEW/APPROVAL SIGNATURES
SEE DAR NO.
EFFECTIVE DATE:

File: 3719-pp06.dwg — MKG
Path: P:\SSSTF
Layout Name: Layout1
Date: 10/27/00 - 08:25 A.M.