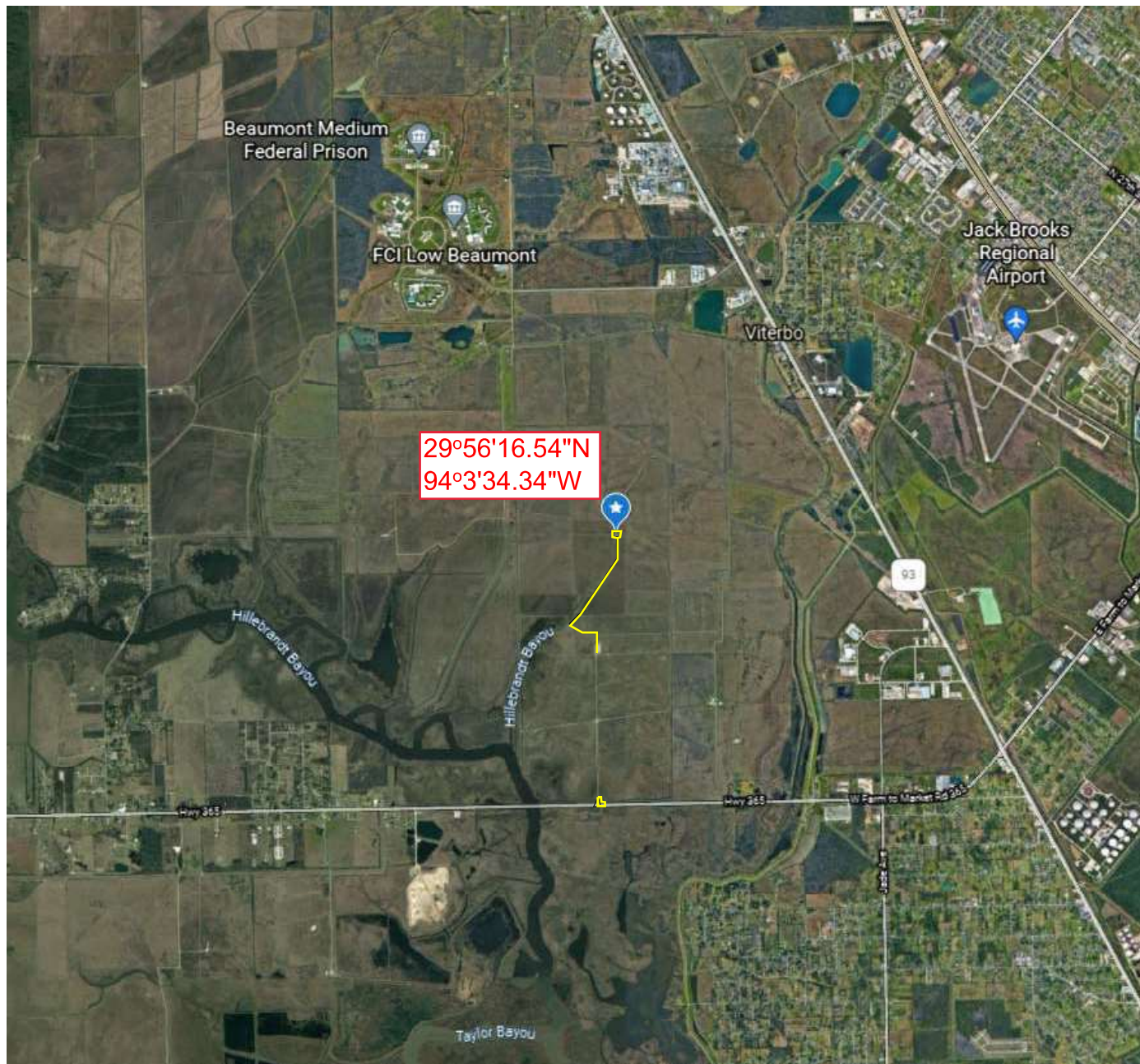
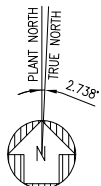




VICINITY MAP
NTS

NO.	CHANGE DESCRIPTION	DRAWN BY	CHECKED BY	PROJECT ENGINEER	ENGINEERING MANAGER	D.O.E. APPROVAL	DATE

CIVIL
LE2
SHELL ZYDECO METERING STATION
VICINITY MAP

BIG HILL
JEFFERSON COUNTY, TEXAS

OFFICE OF SYSTEMS AND PROJECTS	
STRATEGIC PETROLEUM RESERVE	
	
APPROVED FOR CONSTRUCTION _____	
DATE _____	
TASK NUMBER: BH-LE-1731	REV. 0
DISCIPLINE: CIVIL/STRUCTURAL	
SCALE: NTS	
DRAWING NUMBER: SK-U-BH1731-100	
SHEET 1 OF 1	

ACAD FILENAME:

Existing Shell Zydeco
Station
62' x 67'
4,154 ft²

Plans
13

Temporary Construction
Easement Area: 260' x 400'
104,000 ft²
of other Palustrine Non-
Tidal Wetlands

P15

Area 1
Permanent Shell
Zydeco Metering
Station:
154' x 154'
23,716 ft²
of other Palustrine
Non-Tidal Wetlands

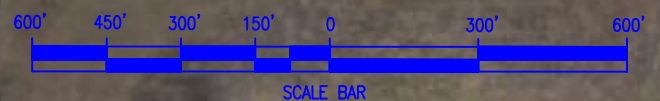
Area 2
Permanent Crushed
Limestone Road:
24' wide
4,850' long
116,400 ft²
of other Palustrine
Non-Tidal Wetlands

Temporary Road Construction
Easement Areas:
127,934 ft²
of other Palustrine Non-Tidal
Wetlands

Temporary
Laydown Area:
300' x 200'
60,000 ft²
of disturbed other
Palustrine Non-Tidal
Wetlands

LEGEND:

- PERMANENT FACILITIES' BOUNDARY
- CONSTRUCTION EASEMENT BOUNDARY

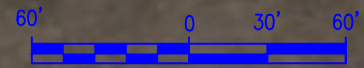


Area 3
Temporary Access for large
vehicles to safely make turn off
of the main highway.
70' on each side of the existing
road
170' x 140'
23,800 ft²
of Freshwater Emergent
Palustrine
Non-Tidal Wetlands

LEGEND:



CONSTRUCTION EASEMENT BOUNDARY

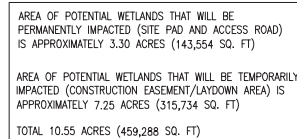


SCALE BAR



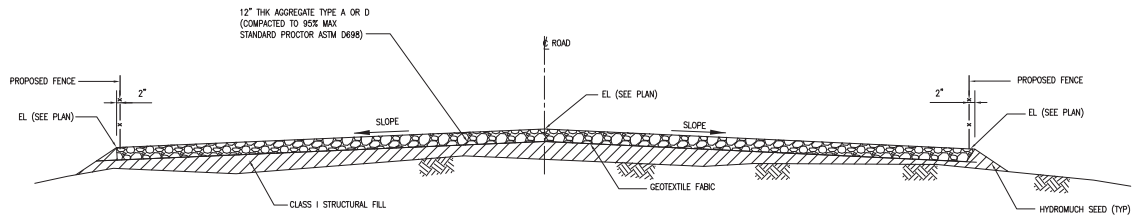
Shell Zydeco Meter Station for U.S. DOE SPR Big Hill Site

Wetland ID	Water Classification	Cowardin Code	HGM Code	Resource Type	Amount of impacts to Aquatic Resource (acres/linear ft)	Permanent Impact	Impact Duration
Area 1- Meter Station	Other	Pf	Palustrine	Non-Tidal Wetlands	3.30 acres	Yes	Permanent
Area 2- Access Road							
Construction Easement and Laydown Area	Other	Pf	Palustrine	Non-Tidal Wetlands	6.7 acres	No	Temporary
Area 3- Highway 365 Intersection	Freshwater Emergent	PEM1S	Palustrine	Non-Tidal Wetlands	0.55 acres	No	Temporary



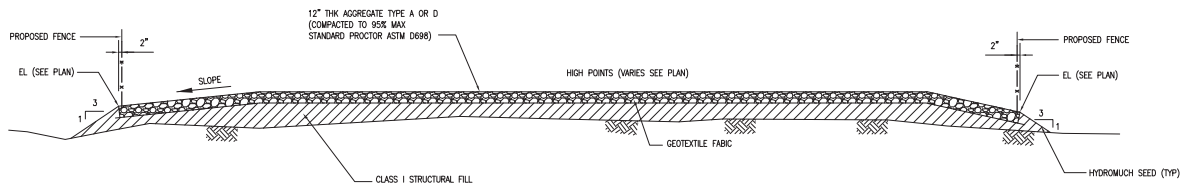
TASK NUMBER: BH-LE-1731		REV 0
DISCIPLINE: CIVIL/STRUCTURAL		
SCALE: 1" = 60'		
DRAWING NUMBER: SK-U-BH1731-101		
SHEET 1 OF 1		

ACAD FILENAME:



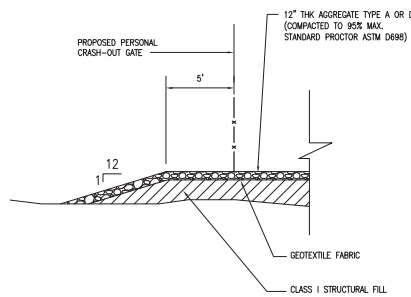
SHELL-ZYDECO TERMINAL SECTION

A
SK-U-BH1731-101



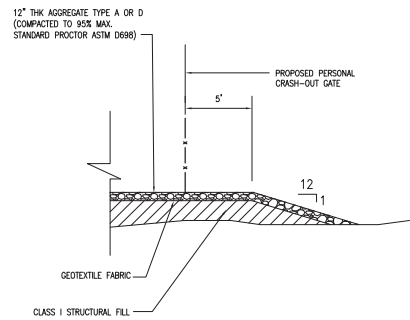
SHELL-ZYDECO TERMINAL SECTION

B
SK-U-BH1731-101



SECTION

C
SK-U-BH1731-101



SECTION

D
SK-U-BH1731-101

CROSS-SECTIONAL VIEW

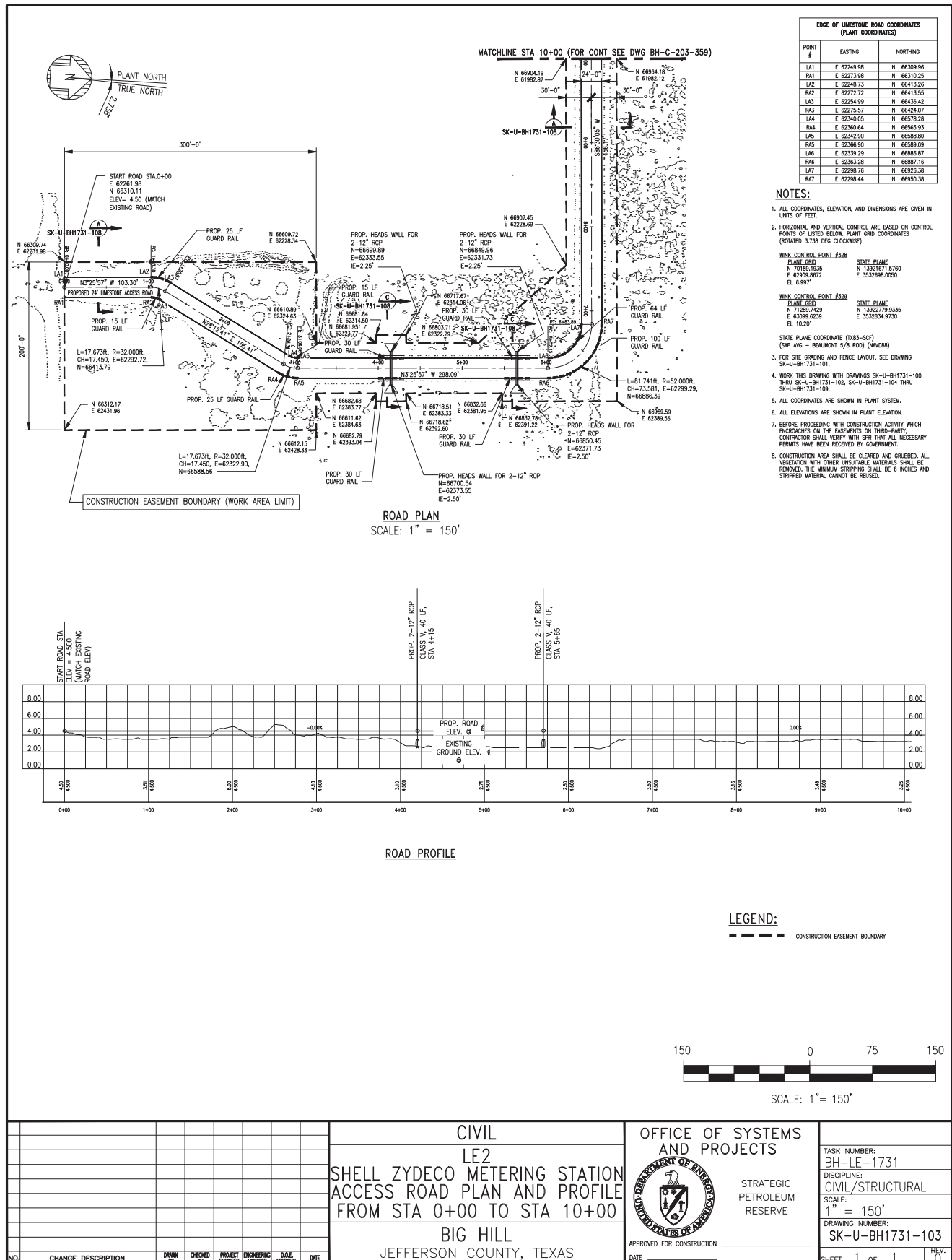
NO.	CHANGE DESCRIPTION	DRAWN BY	CHECKED BY	PROJECT ENGINEER	ENGINEERING MANAGER	D.O.E. APPROVAL	DATE

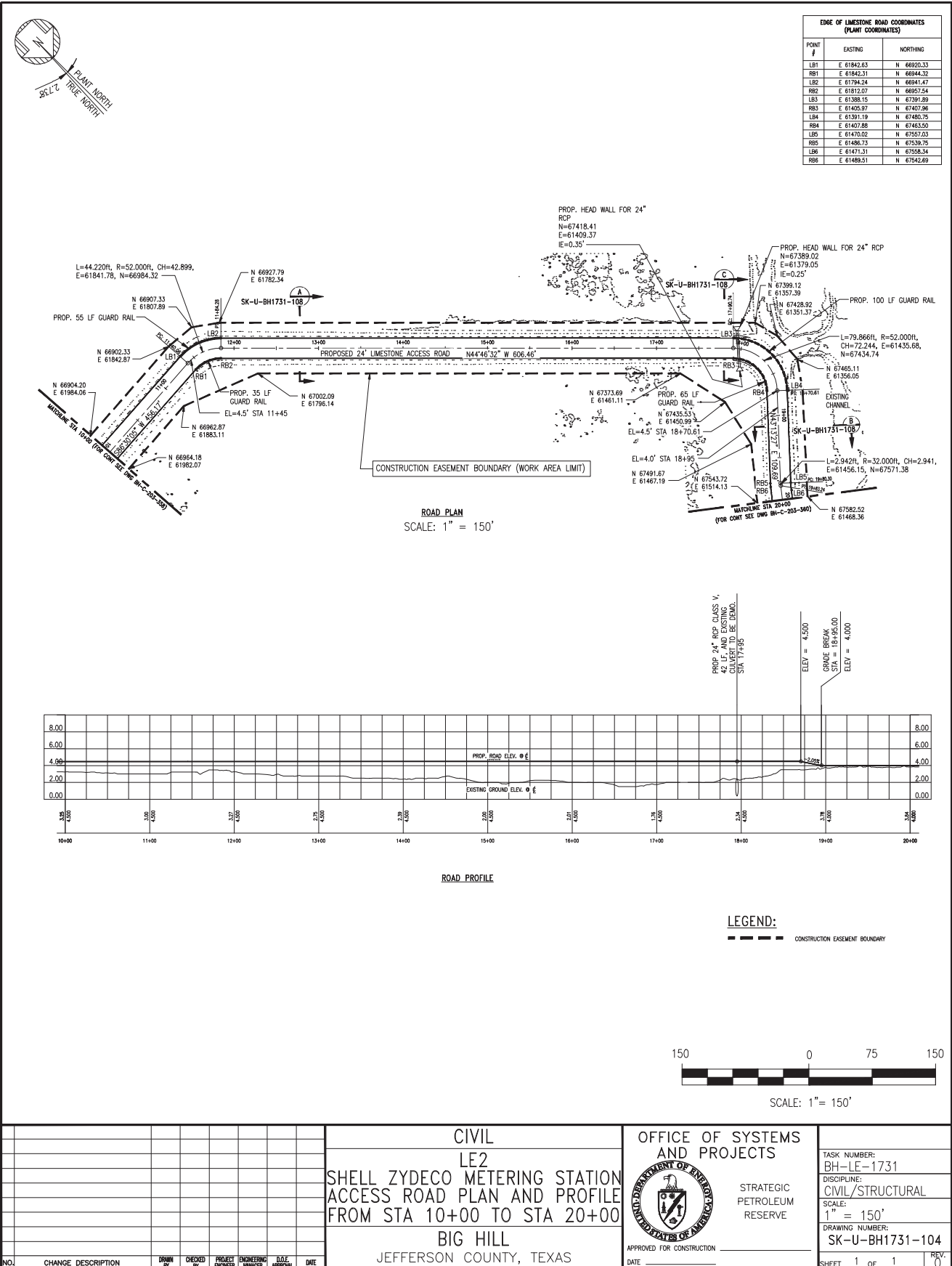
CIVIL
LE2
SHELL ZYDECO METERING STATION
SECTIONS AND DETAILS
BIG HILL
JEFFERSON COUNTY, TEXAS

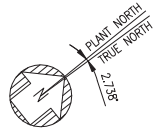
OFFICE OF SYSTEMS AND PROJECTS
STRATEGIC PETROLEUM RESERVE
APPROVED FOR CONSTRUCTION
DATE

TASK NUMBER: BH-LE-1731
DISCIPLINE: CIVIL/STRUCTURAL
SCALE: NTS
DRAWING NUMBER: SK-U-BH1731-102
SHEET 1 OF 1
REV. 0

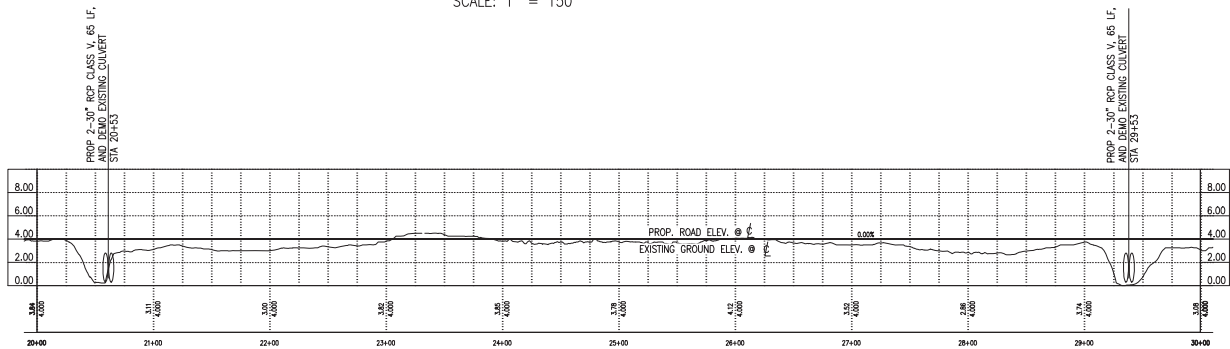
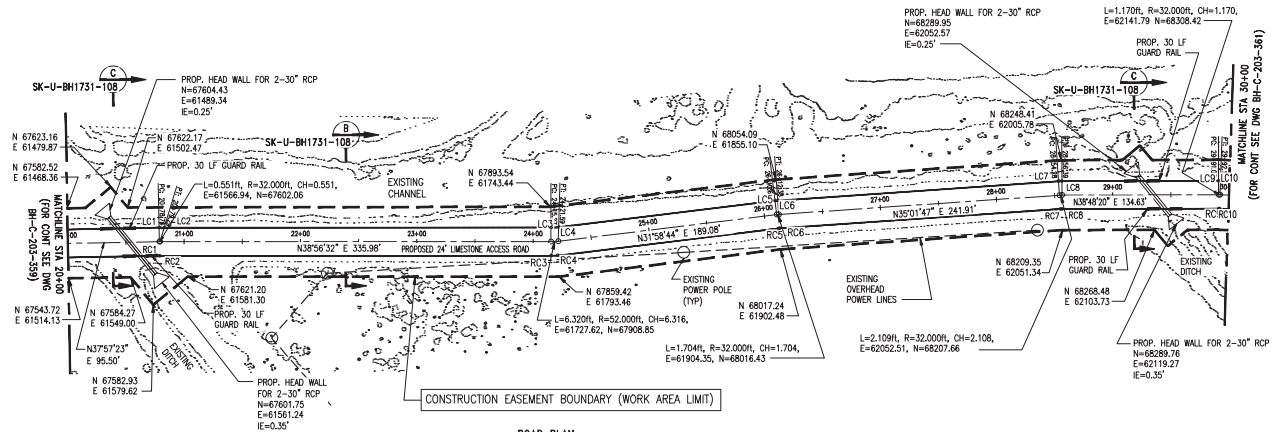
ACAD FILENAME:







EDGE OF LIMESTONE ROAD COORDINATES (PLANT COORDINATES)		
POINT #	EASTING	NORTHING
LC1	E 61533.58	N 67630.75
RC1	E 61551.77	N 67616.10
LC2	E 61534.58	N 67631.31
RC2	E 61552.00	N 67615.36
LC3	E 61757.49	N 67882.25
RC3	E 61775.42	N 67866.29
LC4	E 61760.50	N 67886.07
RC4	E 61780.22	N 67872.40
LC5	E 61868.18	N 68041.49
RC5	E 61887.91	N 68027.82
LC6	E 61869.82	N 68043.34
RC6	E 61888.54	N 68028.68
LC7	E 62017.73	N 68234.61
RC7	E 62036.70	N 68219.91
LC8	E 62019.58	N 68236.84
RC8	E 62037.54	N 68220.92
LC9	E 62108.86	N 68337.60
RC9	E 62128.82	N 68321.68
LC10	E 62109.95	N 68338.78
RC10	E 62127.32	N 68322.22



LEGEND:

--- CONSTRUCTION EASEMENT BOUNDARY



SCALE: 1" = 150'

NO.	CHANGE DESCRIPTION	DRAWN BY	CHECKED BY	PROJECT ENGINEER	ENGINEERING MANAGER	D.O.E. APPROVAL	DATE

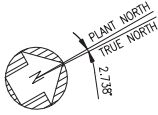
CIVIL
LE2
SHELL ZYDECO METERING STATION
ACCESS ROAD PLAN AND PROFILE
FROM STA 20+00 TO STA 30+00
BIG HILL
JEFFERSON COUNTY, TEXAS

OFFICE OF SYSTEMS
AND PROJECTS

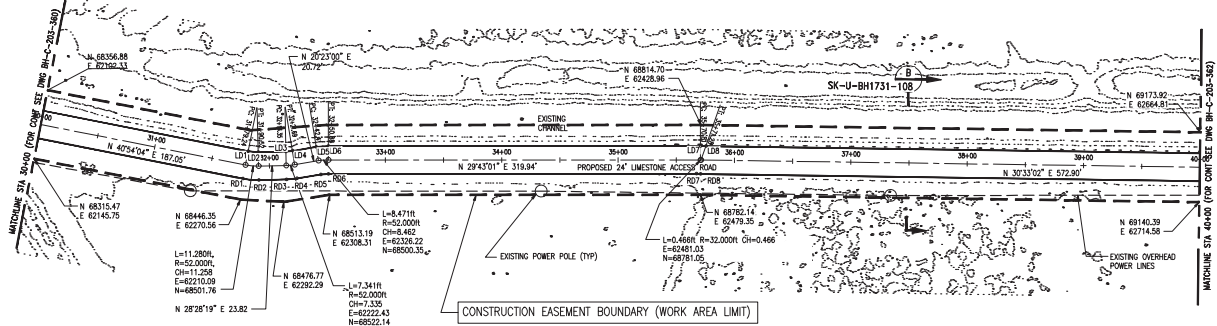
STRATEGIC
PETROLEUM
RESERVE
APPROVED FOR CONSTRUCTION _____
DATE _____

TASK NUMBER:
BH-LE-1731
DISCIPLINE:
CIVIL/STRUCTURAL
SCALE:
1" = 150'
DRAWING NUMBER:
SK-U-BH1731-105
SHEET 1 OF 1
REV. 0

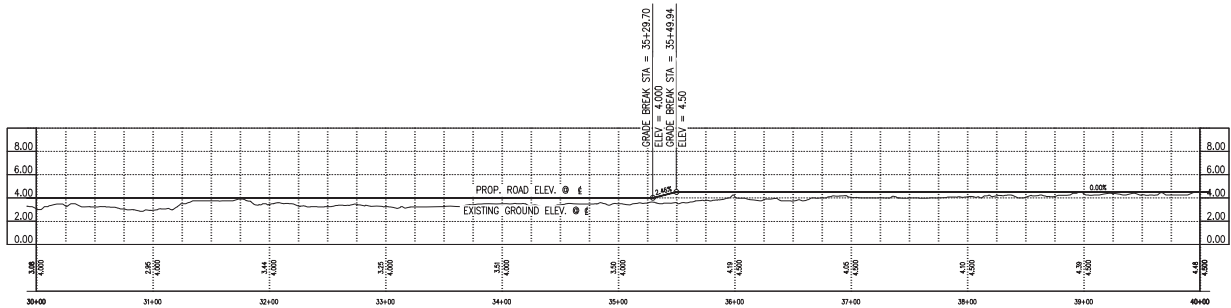
ACAD FILENAME:



EDGE OF LIMESTONE ROAD COORDINATES (PLANT COORDINATES)		
POINT #	EASTING	NORTHING
LD1	E 62239.04	N 68474.16
RD1	E 62256.41	N 68457.59
LD2	E 62244.30	N 68461.63
RD2	E 62264.83	N 68468.60
LD3	E 62256.64	N 68501.41
RD3	E 62277.17	N 68488.97
LD4	E 62259.22	N 68506.43
RD4	E 62281.29	N 68497.00
LD5	E 62267.36	N 68525.49
RD5	E 62289.43	N 68516.06
LD6	E 62272.21	N 68534.70
RD6	E 62292.46	N 68521.82
LD7	E 62443.90	N 68804.66
RD7	E 62464.15	N 68791.79
LD8	E 62444.25	N 68805.20
RD8	E 62464.31	N 68792.03



ROAD PLAN
SCALE: 1" = 150'



ROAD PROFILE

LEGEND:

--- CONSTRUCTION EASEMENT BOUNDARY



SCALE: 1" = 150'

NO.	CHANGE DESCRIPTION	DRAWN BY	CHECKED BY	PROJECT ENGINEER	ENGINEERING MANAGER	D.O.E. APPROVAL	DATE

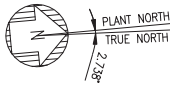
CIVIL
LE2
SHELL ZYDECO METERING STATION
ACCESS ROAD PLAN AND PROFILE
FROM STA 30+00 TO STA 40+00
BIG HILL
JEFFERSON COUNTY, TEXAS

OFFICE OF SYSTEMS
AND PROJECTS

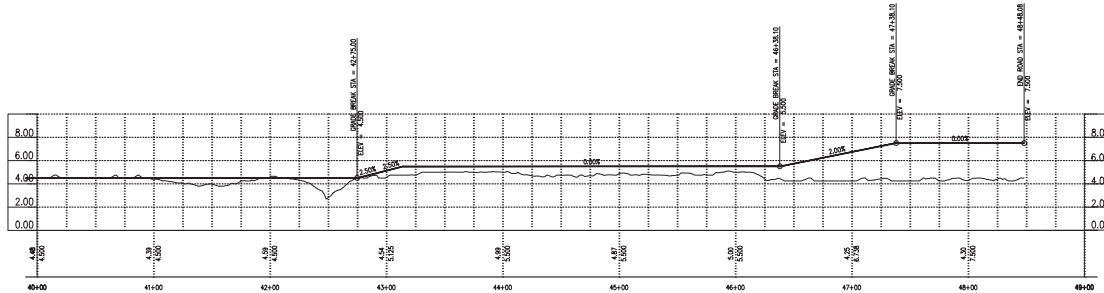
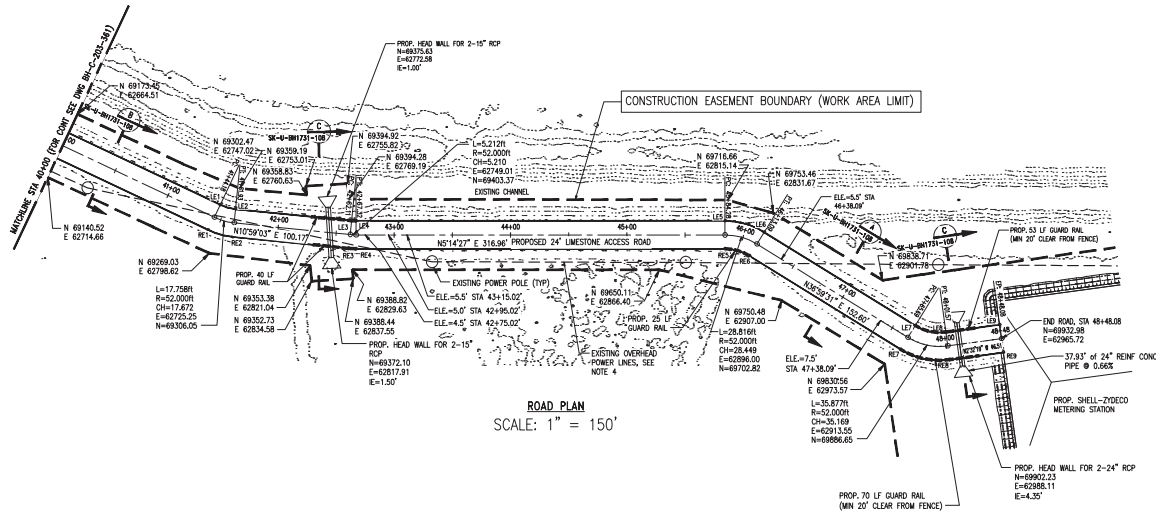
STRATEGIC
PETROLEUM
RESERVE
APPROVED FOR CONSTRUCTION _____
DATE _____

TASK NUMBER:	BH-LE-1731
DISCIPLINE:	CIVIL/STRUCTURAL
SCALE:	1" = 150'
DRAWING NUMBER:	SK-U-BH1731-106
SHEET	1 OF 1
REV.	0

ACAD FILENAME:



EDGE OF Limestone ROAD COORDINATES (PLANT COORDINATES)		
POINT #	EASTING	NORTHING
LE1	E 62758.69	N 69284.10
RE1	E 62778.75	N 69270.92
LE2	E 62764.11	N 69286.56
RE2	E 62787.42	N 69280.67
LE3	E 62787.87	N 69353.68
RE3	E 62811.19	N 69358.18
LE4	E 62788.63	N 69397.81
RE4	E 62812.39	N 69394.48
LE5	E 62852.62	N 69711.70
RE5	E 62854.39	N 69708.37
LE6	E 62846.78	N 69743.72
RE6	E 62865.24	N 69728.38
LE7	E 62944.32	N 69861.08
RE7	E 62962.78	N 69845.74
LE8	E 62953.55	N 69866.51
RE8	E 62977.55	N 69886.43
LE9	E 62953.72	N 69933.02
RE9	E 62977.72	N 69932.94



ROAD PROFILE

LEGEND:

--- CONSTRUCTION EASEMENT BOUNDARY



SCALE: 1" = 150'

NO.	CHANGE DESCRIPTION	DRAWN BY	CHECKED BY	PROJECT ENGINEER	ENGINEERING MANAGER	D.O.E. APPROVAL	DATE

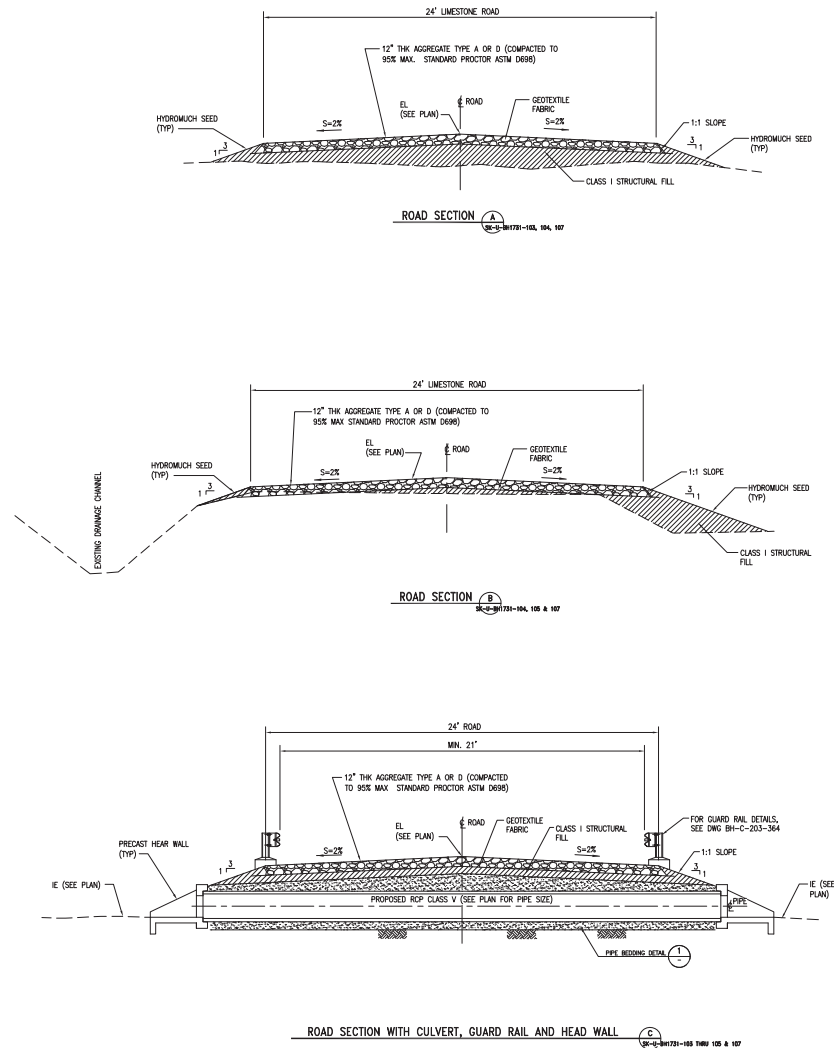
CIVIL
LE2
SHELL ZYDECO METERING STATION
ACCESS ROAD PLAN AND PROFILE
FROM STA 40+00 TO STA 48+48
BIG HILL
JEFFERSON COUNTY, TEXAS

OFFICE OF SYSTEMS
AND PROJECTS

STRATEGIC
PETROLEUM
RESERVE
APPROVED FOR CONSTRUCTION
DATE: _____

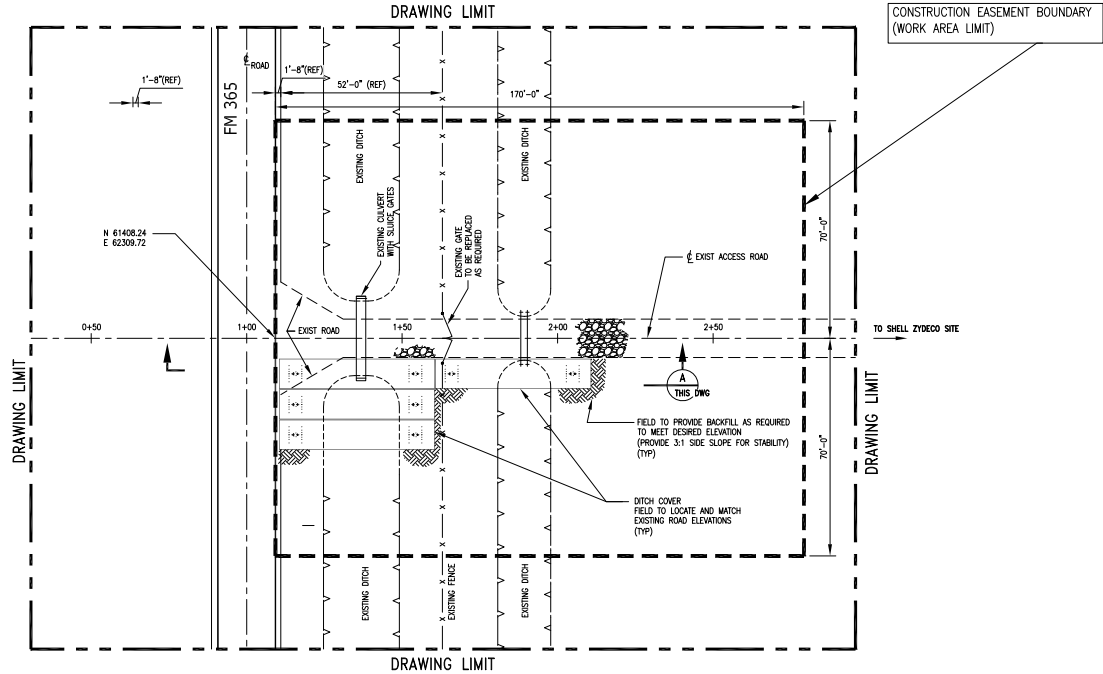
TASK NUMBER:
BH-LE-1731
DISCIPLINE:
CIVIL/STRUCTURAL
SCALE:
1" = 150'
DRAWING NUMBER:
SK-U-BH1731-107
SHEET 1 OF 1
REV: 0

ACAD FILENAME:

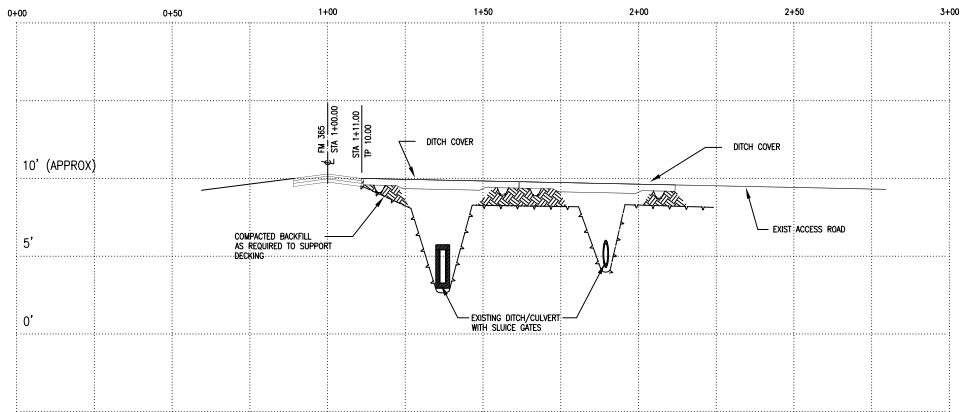


									CIVIL		OFFICE OF SYSTEMS AND PROJECTS		TASK NUMBER: BH-LE-1731	
									LE2		 STRATEGIC PETROLEUM RESERVE		DISCIPLINE: CIVIL/STRUCTURAL	
									SHELL ZYDECO METERING STATION ROAD SECTIONS				SCALE: NTS	
									BIG HILL		APPROVED FOR CONSTRUCTION _____ DATE _____		DRAWING NUMBER: SK-U-BH1731-108	
									JEFFERSON COUNTY, TEXAS				SHEET 1 OF 1	
NO.	CHANGE	DESCRIPTION	DRAWN BY	CHECKED	PROJECT NUMBER	ENGINEERING NUMBER	D.O.C.	DATE					REV.	

ACAD FILENAME:



PLAN
PROPOSED FM 365 AND ACCESS ROAD INTERSECTION
SCALE: 1" = 60'



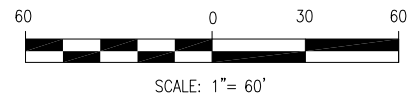
SECTION A-A
NOT TO SCALE
THIS DWG

LEGENDS:

- DITCH LINE
- BACKFILL

NOTES:

1. ALL ELEVATION AND DIMENSIONS ARE GIVEN IN UNITS OF FEET.
2. FIELD TO MAKE USE OF EXISTING ROADS AS DIMENSIONAL BASIS.
3. WORK THIS DRAWING WITH DRAWING SK-U-BH-1731-100 THRU 109.



NO.	CHANGE DESCRIPTION	DRAWN BY	CHECKED BY	PROJECT ENGINEER	ENGINEERING MANAGER	D.O.E. APPROVAL	DATE

CIVIL
LE2
SHELL ZYDECO METERING STATION
FM 365 INTERSECTION UPGRADE

BIG HILL
JEFFERSON COUNTY, TEXAS

OFFICE OF SYSTEMS
AND PROJECTS

STRATEGIC
PETROLEUM
RESERVE
APPROVED FOR CONSTRUCTION
DATE

TASK NUMBER:
BH-LE-1731
DISCIPLINE:
CIVIL/STRUCTURAL
SCALE:
1" = 60'
DRAWING NUMBER:
SK-U-BH1731-110
SHEET 1 OF 1
REV. 0

ACAD FILENAME: