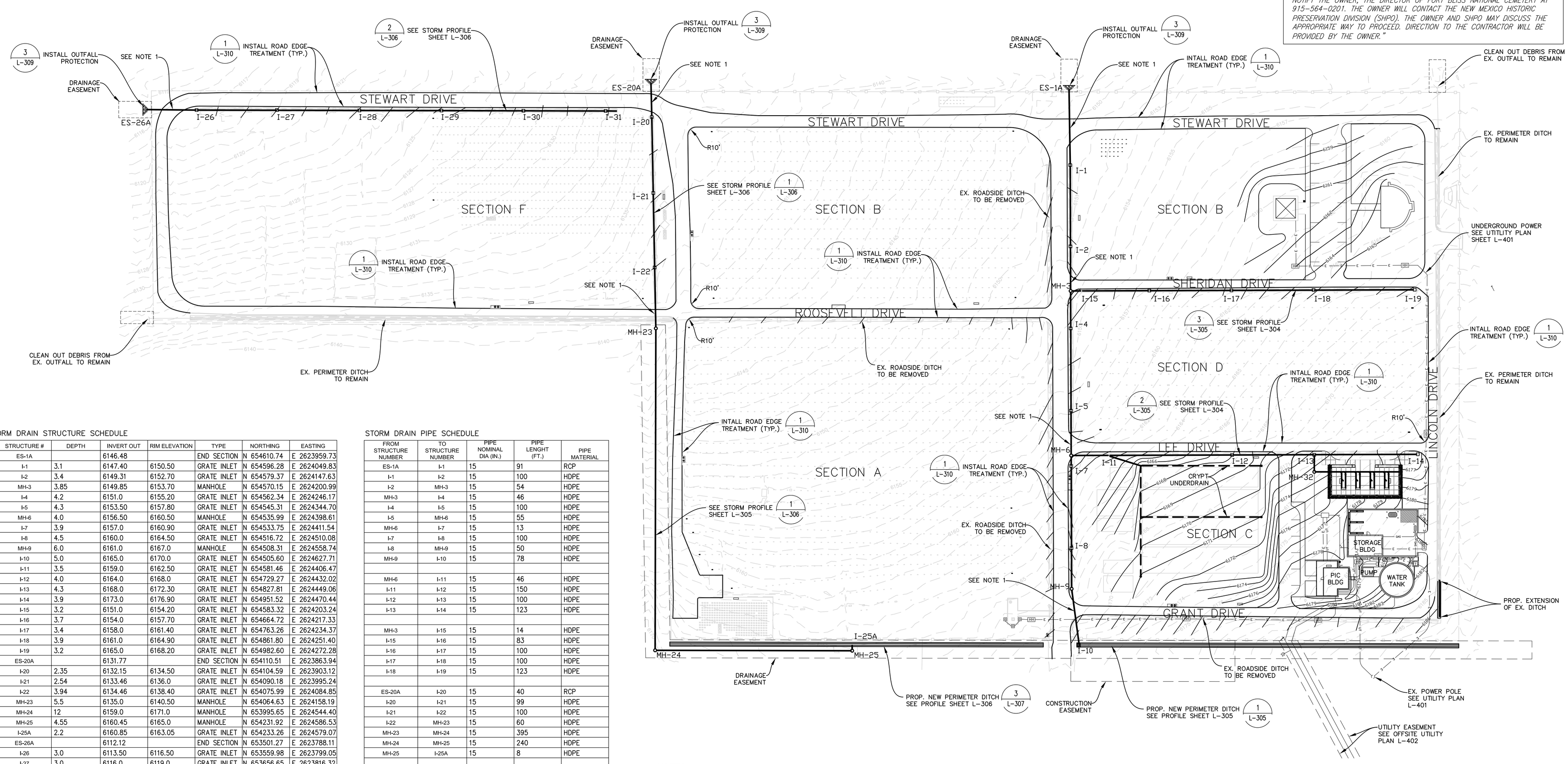
"IN THE EVENT THAT BONES OR HISTORIC ARCHAEOLOGICAL MATERIAL ARE UNCOVERED DURING CONSTRUCTION OR EARTH DISTURBING ACTIVITIES, CEASE WORK IMMEDIATELY AND PROTECT THE REMAINS FROM FURTHER DISTURBANCE. NOTIFY THE OWNER, THE DIRECTOR OF FORT BLISS NATIONAL CEMETERY AT 915-564-0201. THE OWNER WILL CONTACT THE NEW MEXICO HISTORIC PRESERVATION DIVISION (SHPO). THE OWNER AND SHPO MAY DISCUSS THE APPROPRIATE WAY TO PROCEED. DIRECTION TO THE CONTRACTOR WILL BE PROVIDED BY THE OWNER."



STORM DRAIN STRUCTURE SCHEDULE

NO.	STRUCTURE #	DEPTH	INVERT OUT	RIM ELEVATION	TYPE	NORTHING	EASTING
1	ES-1A		6146.48		END SECTION	N 654610.74	E 2623959.73
2	I-1	3.1	6147.40	6150.50	GRATE INLET	N 654596.28	E 2624049.83
3	I-2	3.4	6149.31	6152.70	GRATE INLET	N 654579.37	E 2624147.63
4	MH-3	3.85	6149.85	6153.70	MANHOLE	N 654570.15	E 2624200.99
5	I-4	4.2	6151.0	6155.20	GRATE INLET	N 654562.34	E 2624246.17
6	I-5	4.3	6153.50	6157.80	GRATE INLET	N 654545.31	E 2624344.70
7	MH-6	4.0	6156.50	6160.50	MANHOLE	N 654535.99	E 2624398.61
8	I-7	3.9	6157.0	6160.90	GRATE INLET	N 654533.75	E 2624411.54
9	I-8	4.5	6160.0	6164.50	GRATE INLET	N 654516.72	E 2624510.08
10	MH-9	6.0	6161.0	6167.0	MANHOLE	N 654508.31	E 2624558.74
11	I-10	5.0	6165.0	6170.0	GRATE INLET	N 654505.60	E 2624627.71
12	I-11	3.5	6159.0	6162.50	GRATE INLET	N 654581.46	E 2624406.47
13	I-12	4.0	6164.0	6168.0	GRATE INLET	N 654729.27	E 2624432.02
14	I-13	4.3	6168.0	6172.30	GRATE INLET	N 654827.81	E 2624449.06
15	I-14	3.9	6173.0	6176.90	GRATE INLET	N 654951.52	E 2624470.44
16	I-15	3.2	6151.0	6154.20	GRATE INLET	N 654583.32	E 2624203.24
17	I-16	3.7	6154.0	6157.70	GRATE INLET	N 654664.72	E 2624217.33
18	I-17	3.4	6158.0	6161.40	GRATE INLET	N 654763.26	E 2624234.37
19	I-18	3.9	6161.0	6164.90	GRATE INLET	N 654861.80	E 2624251.40
20	I-19	3.2	6165.0	6168.20	GRATE INLET	N 654982.60	E 2624272.28
21	ES-20A		6131.77		END SECTION	N 654110.51	E 2623863.94
22	I-20	2.35	6132.15	6134.50	GRATE INLET	N 654104.59	E 2623903.12
23	I-21	2.54	6133.46	6136.0	GRATE INLET	N 654090.18	E 2623995.24
24	I-22	3.94	6134.46	6138.40	GRATE INLET	N 654075.99	E 2624084.85
25	MH-23	5.5	6135.0	6140.50	MANHOLE	N 654064.63	E 2624158.19
26	MH-24	12	6159.0	6171.0	MANHOLE	N 653995.65	E 2624544.40
27	MH-25	4.55	6160.45	6165.0	MANHOLE	N 654231.92	E 2624586.53
28	I-25A	2.2	6160.85	6163.05	GRATE INLET	N 654233.26	E 2624579.07
29	ES-26A		6112.12		END SECTION	N 653501.27	E 2623788.11
30	I-26	3.0	6113.50	6116.50	GRATE INLET	N 653559.98	E 2623799.05
31	I-27	3.0	6116.0	6119.0	GRATE INLET	N 653656.65	E 2623816.32
32	I-28	3.5	6118.50	6122.0	GRATE INLET	N 653755.09	E 2623833.91
33	I-29	3.7	6121.50	6125.20	GRATE INLET	N 653853.53	E 2623851.50
34	I-30	3.4	6125.0	6128.40	GRATE INLET	N 653951.97	E 2623869.09
35	I-31	3.8	6128.0	6131.80	GRATE INLET	N 654050.43	E 2623886.70
36	MH-32	3.8	6169.50	6173.30	MANHOLE	N 654824.18	E 2624469.68

STORM DRAIN PIPE SCHEDULE

FROM STRUCTURE NUMBER	TO STRUCTURE NUMBER	PIPE NOMINAL DIA (IN.)	PIPE LENGHT (FT.)	PIPE MATERIAL
ES-1A	I-1	15	91	RCP
I-1	I-2	15	100	HDPE
I-2	MH-3	15	54	HDPE
MH-3	I-4	15	46	HDPE
I-4	I-5	15	100	HDPE
I-5	MH-6	15	55	HDPE
MH-6	I-7	15	13	HDPE
I-7	I-8	15	100	HDPE
I-8	MH-9	15	50	HDPE
MH-9	I-10	15	78	HDPE
MH-6	I-11	15	46	HDPE
I-11	I-12	15	150	HDPE
I-12	I-13	15	100	HDPE
I-13	I-14	15	123	HDPE
MH-3	I-15	15	14	HDPE
I-15	I-16	15	83	HDPE
I-16	I-17	15	100	HDPE
I-17	I-18	15	100	HDPE
I-18	I-19	15	123	HDPE
ES-20A	I-20	15	40	RCP
I-20	I-21	15	99	HDPE
I-21	I-22	15	100	HDPE
I-22	MH-23	15	60	HDPE
MH-23	MH-24	15	395	HDPE
MH-24	MH-25	15	240	HDPE
MH-25	I-25A	15	8	HDPE
ES-26A	I-26	15	60	RCP
I-26	I-27	15	98	HDPE
I-27	I-28	15	100	HDPE
I-28	I-29	15	100	HDPE
I-29	I-30	15	100	HDPE
I-30	I-31	15	100	HDPE
I-13	MH-32	15	21	HDPE
MH-32	CULUMBARIUM	4	100	PVC

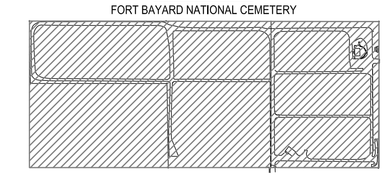
NOTES:

1. CONTRACTOR SHALL REPAIR EXISTING PAVEMENT AND/OR ROADSIDE DITCH WHERE NEW STORM DRAIN AND UTILITY LINE CROSS THE ROADWAY.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL EXCAVATION OPERATION IN A SAFE CONDITION AND IN COMPLIANCE WITH APPLICABLE FEDERAL (OSHA), STATE AND LOCAL LAWS AND ORDINANCE.
3. CONTRACTOR TO PROVIDE OSHA COMPLIANCE TRENCH PROTECTION WHERE EXCAVATION IS 4FT DEEP OR MORE..
4. WHENEVER ROCK IS ENCOUNTERED IN THE TRENCH OR ELSEWHERE IN ANY EXCAVATION REQUIRED TO BE MADE, IT SHALL BE EXCAVATED TO THE LINE AND GRADE AS SHOWN ON THE PLAN. FOR TRENCHES, ROCK SHALL BE EXCAVATED TO A DEPTH OF 6 INCHES MINIMUM BELOW THE PIPE.
5. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO ASSURE NO DAMAGE OCCURS TO EXISTING STRUCTURES, TREES, AND UTILITIES THAT ARE TO REMAIN IN PLACE AND MAY BE AFFECTED BY CONSTRUCTION OPERATIONS.
6. CONTRACTOR SHALL HAND TRENCH UNDER CANOPIES OF EXISTING TREES THAT ARE IDENTIFIED TO REMAIN.
7. SEE SHEETS L-308 & L-309 FOR STORM DRAIN DETAILS.
8. CONTRACTOR TO ADJUST GRADING TO ACCOMMODATE 3" OF SOIL AMENDMENTS.

LEGEND

- 6168 — EXISTING CONTOURS
- 6170 — PROPOSED CONTOURS
- 15" STORM — PROPOSED STORM PIPE
- MH-6 — PROPOSED STORM MANHOLE
- I-7 — PROPOSED STORM INLET
- PROPOSED RIPRAP PROTECTION
- 6" UNDERDRAIN — CRYPT FIELD UNDERDRAIN

KEY PLAN
FORT BAYARD NATIONAL CEMETERY



GRAPHIC SCALE
30 0 15 30 60
(IN FEET)
NORTH

100% CONSTRUCTION DRAWINGS

Revisions:	Date

SUB-CONSULTANTS

MORROW REARDON WILKINSON MILLER, LTD., LANDSCAPE ARCHITECTS
210 La Veta NE, Albuquerque, NM 87108
505.268.2266 FAX 505.265.9637
mrw@mrwnm.com

CHERRY/SEE/REAMES ARCHITECTS, LLP
225 OSO AVENUE SW ALBUQUERQUE, NM 87102
505-842-1279 FAX 505-766-9289

STATE OF MARYLAND — JOHN E. MCCABE — No. 22201 — REGISTERED PROFESSIONAL ENGINEER — 11/16/2011

PRIME CONSULTANT

URS
2020 K STREET, SUITE 300
WASHINGTON, DC 20006
TELEPHONE: (202)872-0277 FAX: (202)872-0282.

Drawing Title: GRADING AND DRAINAGE PLAN OVERALL	Project Title: CEMETERY IMPROVEMENTS AND NEW MAINTENANCE BUILDING	Project Number: 885CM3007	NATIONAL CEMETERY ADMINISTRATION OFFICE OF DESIGN AND CONSTRUCTION
Approved: Director Office of Design and Construction	Location: FORT BAYARD, NEW MEXICO	Building Number: -	Department of Veterans Affairs
	Date: NOVEMBER 18, 2011 / Checked: JMJH / Drawn: OS	Drawing Number: L-301	Dwg. 030 of 120

VA FORM 08-6231, OCT 1978