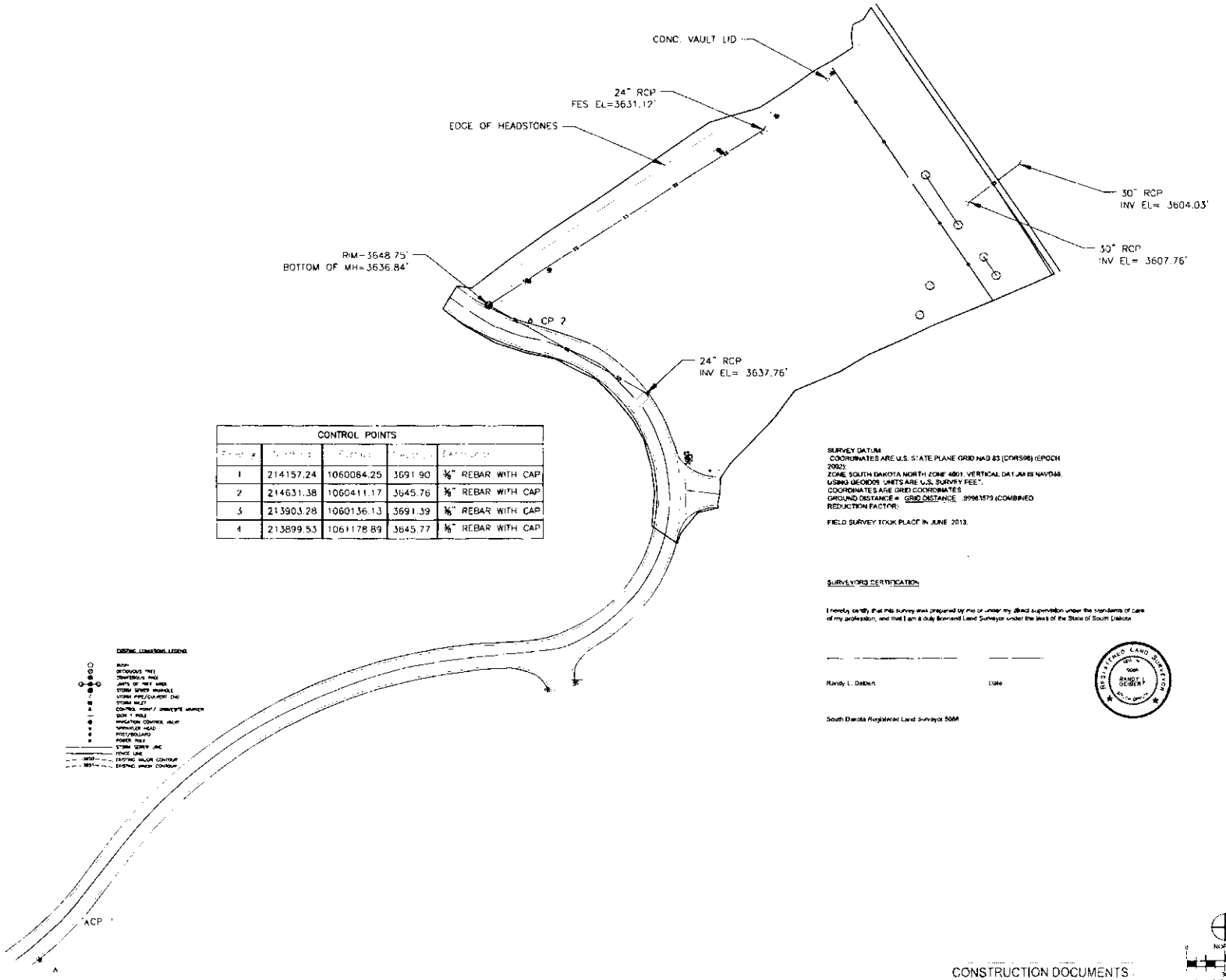
CONSTRUCTION DOCUMENTS




| CONTROL POINTS | | | | |
|---|---|---|---|---|
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 1 | 214157.24 | 1060084.25 | 3691.90 | 5/8" REBAR WITH CAP |
| 2 | 214631.38 | 1060411.17 | 3645.76 | 5/8" REBAR WITH CAP |
| 3 | 213903.28 | 1060136.13 | 3691.39 | 5/8" REBAR WITH CAP |
| 4 | 213899.53 | 1061178.89 | 3645.77 | 5/8" REBAR WITH CAP |

SURVEY DATUM
COORDINATES ARE U.S. STATE PLANE GRID NAD 83 (CORS96) (EPOCH 2002);
ZONE SOUTH DAKOTA NORTH ZONE 4801. VERTICAL DATUM IS NAVD88.
USING GEOIDO9 UNITS ARE U.S. SURVEY FEET.
COORDINATES ARE GRID COORDINATES
GROUND DISTANCE = GRID DISTANCE .99963579 (COMBINED REDUCTION FACTOR)

FIELD SURVEY TOOK PLACE IN JUNE 2013.

SURVEYORS CERTIFICATION

I hereby certify that this survey was prepared by me or under my direct supervision under the standards of care of my profession, and that I am a duly licensed Land Surveyor under the laws of the State of South Dakota

Randy L. Deibert — Date

South Dakota Registered Land Surveyor 5084

EXISTING CONDITIONS LEGEND

- BUSH
- DECIDUOUS TREE
- CONIFEROUS TREE
- LIMITS OF TREE AREA
- STORM SEWER MANHOLE
- STORM PIPE/CULVERT END
- STORM INLET
- CONTROL POINT / SIGNE/PE MARKER
- SIGN 1 POLE
- IRRIGATION CONTROL VALVE
- SPRINKLER HEAD
- POST/BOLLARD
- POWER POLE
- STORM SEWER LINE
- FENCE LINE
- 3650 EXISTING MAJOR CONTOUR
- 3651 EXISTING MINOR CONTOUR

NORTH

CONSTRUCTION DOCUMENTS

JACOBS
1040 20TH STREET, SUITE 200
SACRAMENTO, CA 95811
PHONE (916) 929-1927 FAX (916) 929-1722

Subconsultant List
THE SIERRA WEST GROUP, LLC — 870 BUSINESS PARK DRIVE, STE 102 SACRAMENTO, CA 95827 (916) 929-4000
FOURFRONT DESIGN, INC — 517 SEVENTH STREET, RAPID CITY, SD 57701 (605) 342-3470

NATIONAL CEMETERY ADMINISTRATION

Drawing Title: EXISTING CONDITIONS TOPOGRAPHIC SURVEY

Project Title: BLACK HILLS NATIONAL CEMETERY SECTION C TRADITIONAL BURIALS

Date: SEPTEMBER 25, 2013

Project No: 884CM3011

Drawing No: D-1

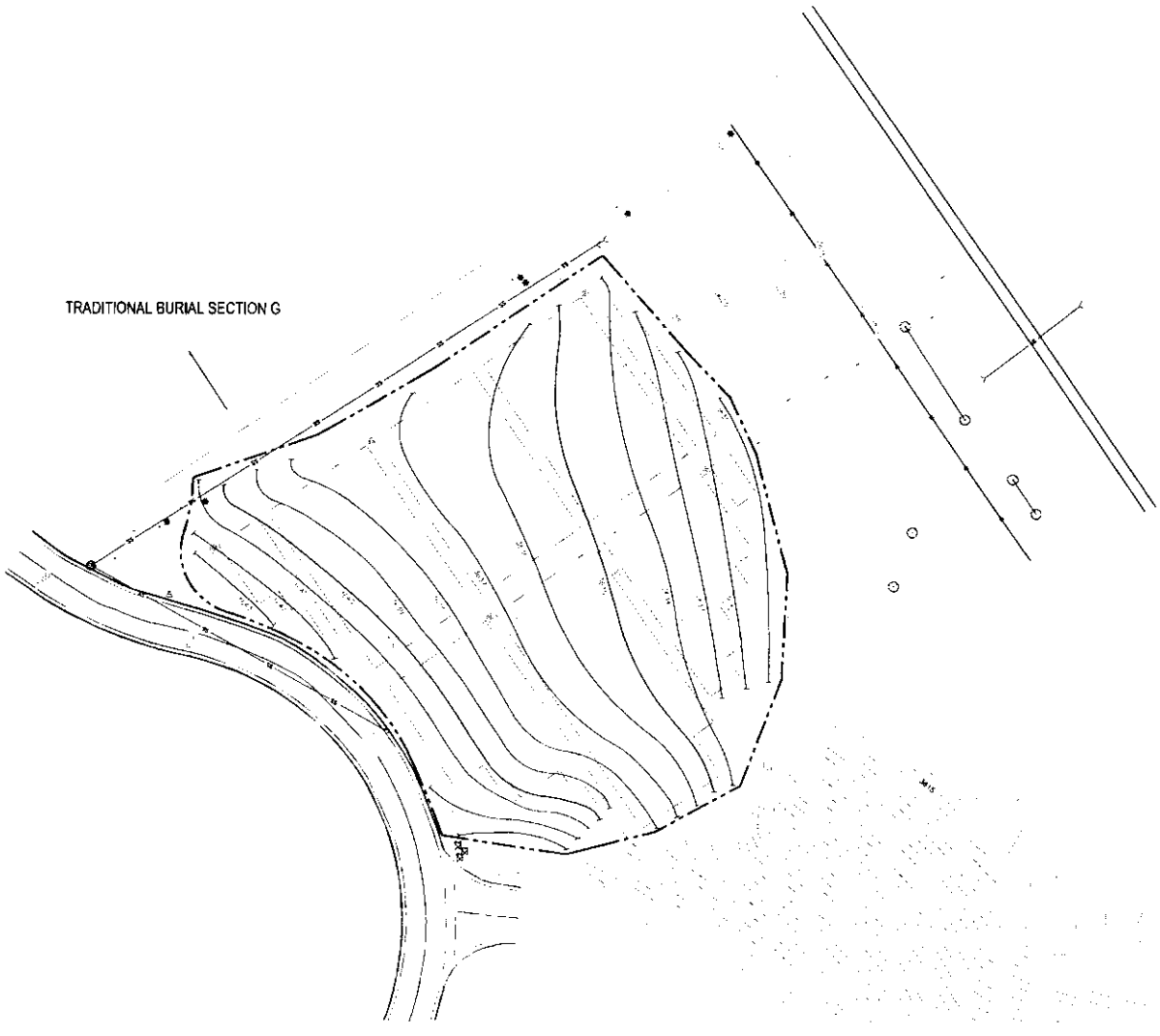
Sheet 1 of 1

Approved: Director, Office of Construction Management

Approved: Director, Project Management Service

Location: BLACK HILLS NATIONAL CEMETERY STURGIS, SOUTH DAKOTA

CONSTRUCTION DOCUMENTS




**ESTIMATED EARTHWORK:**

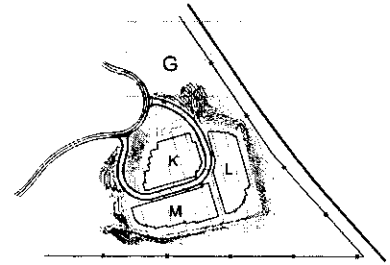
CUT/FILL NET — ASSUME BALANCE - SMOOTHING EXISTING

**LEGEND**

APPROXIMATE LIMITS OF CONSTRUCTION, GRADING AND SEEDING

EXISTING CONTOUR

PROPOSED CONTOUR




KEY MAP NTS

NORTH

CONSTRUCTION DOCUMENTS

| | | | |
|---|---|---|---|
| Drawing Title: GRADING PLAN | Project Title: BLACK HILLS NATIONAL CEMETERY SECTION G TRADITIONAL BURIALS | Date: SEPTEMBER 25, 2013 | |
| Approved Director, Office of Construction Management | Building Number | Checked: BMR | Drawn: NJM |
| Approved Director, Project Management Service | Location: BLACK HILLS NATIONAL CEMETERY STURGIS, SOUTH DAKOTA | Project No: 884CM3011 | Drawing No: L-100 |

Dwg 2 of 3

Subconsultant List

THE SIERRA WEST GROUP, LLC — 970 BUSINESS PARK DRIVE, STE 102 SACRAMENTO, CA 95827 (916) 925-4000

FOURFRONT DESIGN, INC — 517 SEVENTH STREET RAPID CITY, SD 57701 (605) 342-9470

NATIONAL CEMETERY ADMINISTRATION

JACOBS

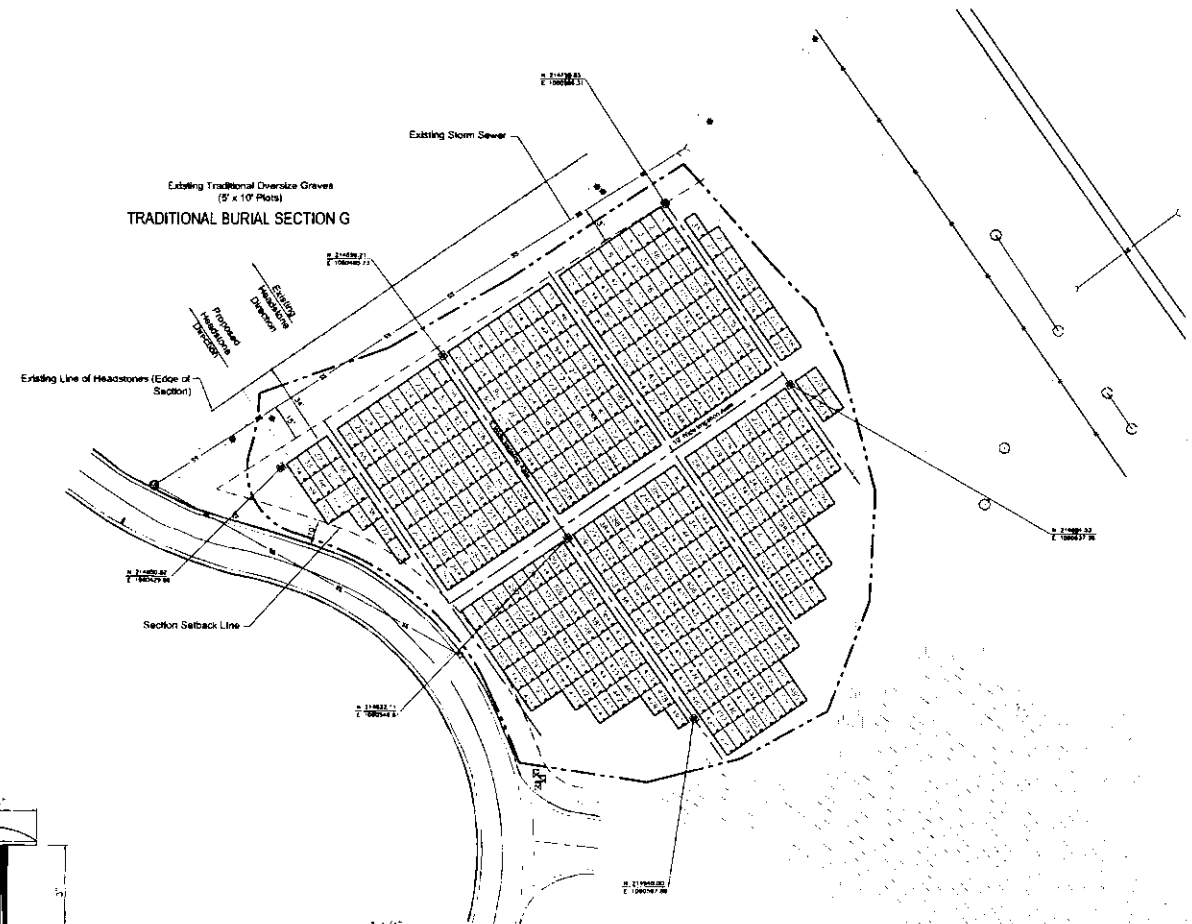
1050 20TH STREET, SUITE 200 SACRAMENTO, CA 95811

PHONE 916-924-3321 FAX 916-924-3777

FRONT ELEVATION

Revisions | Date

CONSTRUCTION DOCUMENTS




## LEGEND

- PRECAST CONCRETE MONUMENT MARKER
- APPROXIMATE LIMITS OF CONSTRUCTION, GRADING & SEEDING
- OVERSIZE 5' X 10' PLOT (NUMBER AND HEADSTONE ORIENTATION SHOWN FOR REFERENCE).
- NORTHINGS AND EASTINGS COORDINATES

## INVENTORY:

TRADITIONAL 5' X 10' BURIAL PLOTS: TOTAL: 506

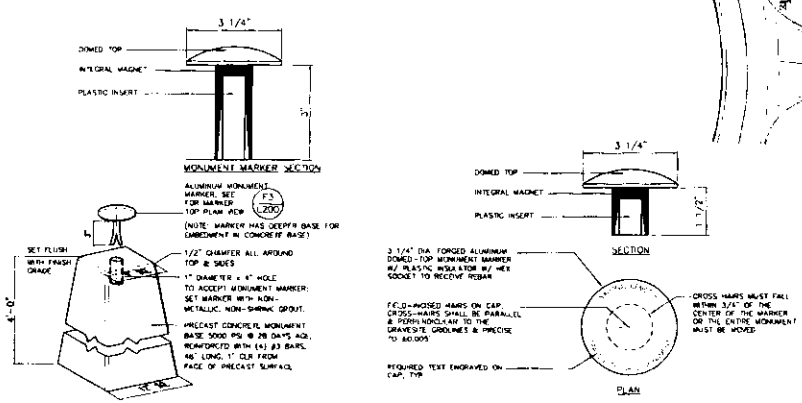
## ESTIMATED EARTHWORK:

CUT/ FILL NET — ASSUME BALANCE - SMOOTHING EXISTING

## SEEDING:

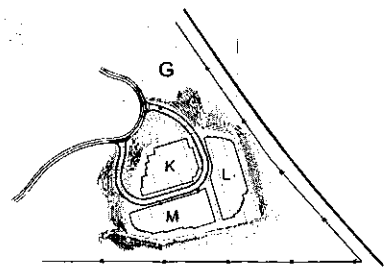
SEED MIX — Seed mix for the burial section shall be in the proportions shown below, as produced by Millborn Seeds, 1335 Western Ave., Brookings SD 57008 805.697.6308.

a. Blend of seed types from the four varieties shown below:
1) Perennial Rye - 25% by weight;
2) Kentucky Blue - 10% by weight;
3) Creeping Red Fescue - 20% by weight;
4) Turf Type Tall Fescue - 25% by weight;
5) Oats - 20% by weight.




F1 PRECAST CONCRETE MONUMENT
NTS

F3 GRAVESITE GRID MONUMENT MARKER
NTS




KEY MAP NTS

NORTH

CONSTRUCTION DOCUMENTS

| | | | |
|---|---|---|---|
| Subconsultant List: | | | |
| THE SIERRA WEST GROUP, LLC | 970 BUSINESS PARK DRIVE, STE 102 SACRAMENTO, CA 95827 (916) 925-4000 | | |
| FOURFRONT DESIGN, INC. | 517 SEVENTH STREET, RAPID CITY, SD 57701 (805) 342-9470 | | |

JACOBS
1000 20TH STREET, SUITE 200
SACRAMENTO, CA 95811

NATIONAL CEMETERY ADMINISTRATION

| | | | |
|---|---|---|---|
| Drawing Title: SITE LAYOUT PLAN | Project Title: BLACK HILLS NATIONAL CEMETERY SECTION G TRADITIONAL BURIALS | | Date: SEPTEMBER 25, 2013 |
| Reviewed: Director, Office of Construction Management | Building Number | Checked: BAN / Drawn: RJM | Project No: 884CM3011 |
| Approved: Director, Project Management Service | Location: BLACK HILLS NATIONAL CEMETERY STURGIS, SOUTH DAKOTA | | Drawing No: L-200 Dwg 3 of 3 |