LEGEND

- NEW STORM SEWER
- NEW FOUNDATION DRAIN
- NEW SUBGRADE DRAIN
- NEW FOUNDATION DRAIN CLEANOUT (6 / L5.2)
- NEW SANITARY SEWER
- NEW WATERMAIN
- NEW UNDERGROUND ELECTRIC
- EXISTING OVERHEAD ELECTRIC
- EXISTING MWC WATER LINE
- PROPOSED MANHOLE
- PROPOSED CATCH BASIN
- SOIL BORING
- UTILITY MARKER

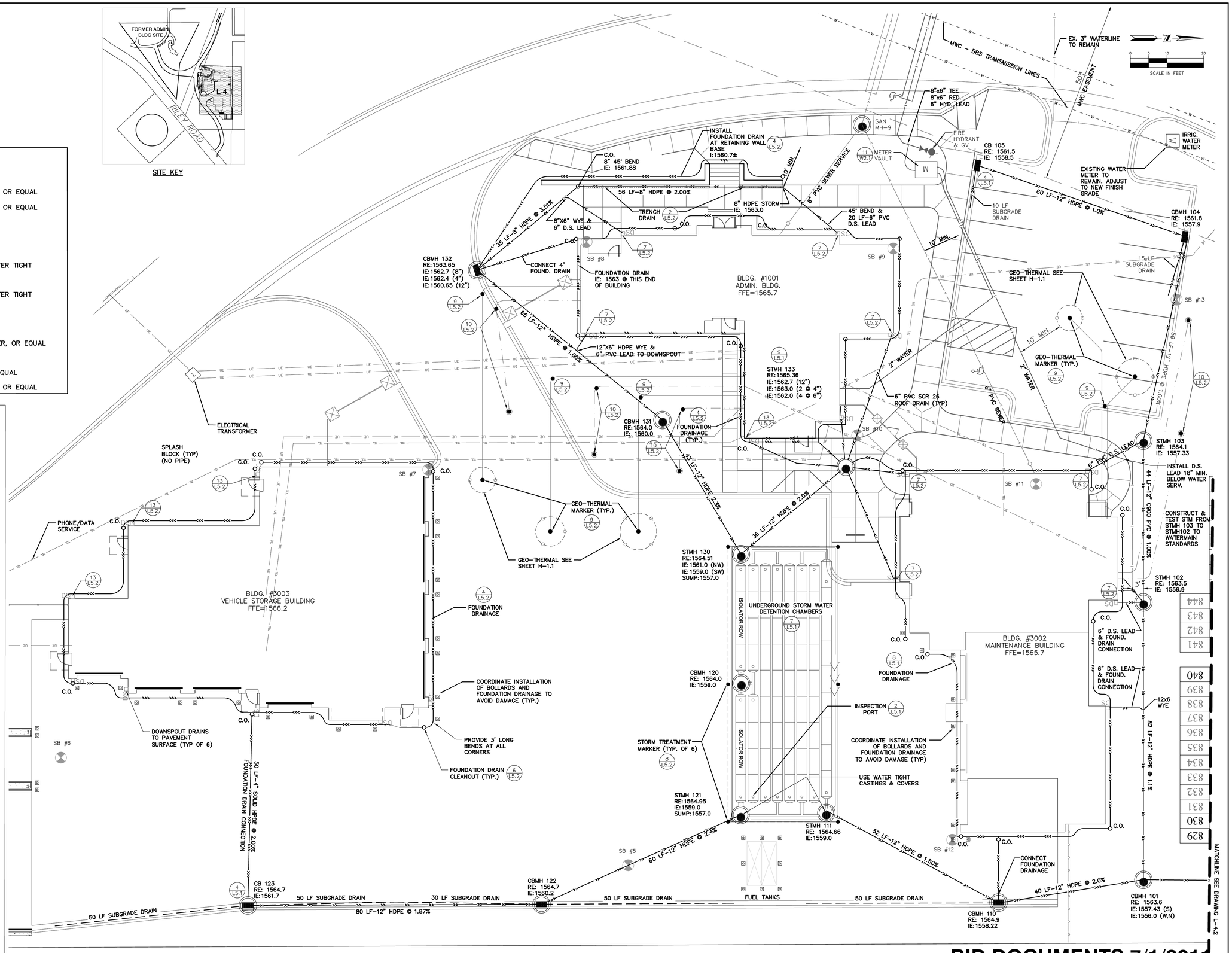
STORM SEWER STRUCTURE SCHEDULE

NO.	SIZE	CASTING
CBMH–101	48"ø	D&L C–2660, OR EQUAL
STMH–102	48"ø	D&L A–1025 "STORM DRAIN" OR EQUAL
STMH–103	48"ø	D&L A–1025 "STORM DRAIN" OR EQUAL
CBMH–104	48"ø	D&L I–3517–L, OR EQUAL
CB–105	24" x 36"	D&L I–3517–L, OR EQUAL
CBMH–110	48"ø	D&L I–3517–L, OR EQUAL
STMH–111	48"ø	D&L E–1021, GASKETED, WATER TIGHT
CBMH–120	48"ø	D&L C–2660, OR EQUAL
STMH–121	48"ø	D&L E–1021, GASKETED, WATER TIGHT
CBMH–122	48"ø	D&L I–3517–L, OR EQUAL
CB–123	24" x 36"	D&L I–3517–L, OR EQUAL
CBMH–130	48"ø	D&L C–2107, A–2660 COVER, OR EQUAL
CBMH–131	48"ø	D&L C–2660, OR EQUAL
CBMH–132	48"ø	D&L T–3517–L COVER, OR EQUAL
STMH–133	48"ø	D&L A–1025 "STORM DRAIN" OR EQUAL

NOTES:

1. CONTRACTOR TO VERIFY EXACT BUILDING CONNECTION POINTS WITH PLUMBING PLANS.
2. ALL CONSTRUCTION SHALL COMPLY WITH RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER UNLESS DIRECTED OTHERWISE.
3. ALL CONSTRUCTION SHALL COMPLY WITH CITY OF EAGLE POINT ENGINEERING STANDARDS AND THE CURRENT EDITION OF ODOT STANDARD CONSTRUCTION SPECIFICATIONS (INCLUDING SUPPLEMENTS) AND RVSS & MEDFORD WATER COMMISSION STANDARDS UNLESS DIRECTED OTHERWISE. TEST ALL PIPE PER PROJECT SPECIFICATIONS.
4. ALL CONSTRUCTION SHALL COMPLY WITH APPLICABLE MUNICIPAL, WATERSHED DISTRICT, COUNTY PERMITS.
5. THE LOCATION AND TYPE OF EXISTING UTILITIES SHOWN ON THE PLANS ARE FOR GENERAL INFORMATION ONLY. THE INFORMATION IS NOT WARRANTED TO BE ACCURATE OR COMPLETE. THE CONTRACTOR, IN COOPERATION WITH THE APPROPRIATE UTILITY COMPANY OR MUNICIPALITY, IS RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF ALL UNDERGROUND UTILITIES.
6. PROVIDE MINIMUM 10' HORIZONTAL & 18" VERTICAL SEPARATION OF ALL WATERMAIN CROSSINGS FROM STORM OR SANITARY SEWER. LOWER & INSULATE WATERMAIN AT STORM CROSSINGS AS NEEDED (INCIDENTAL). ALL WATERMAIN TO HAVE 30" MINIMUM COVER.
7. ALL JOINTS & CONNECTIONS IN THE STORM SEWER SYSTEM SHALL BE WATER TIGHT. APPROVED RESILIENT RUBBER JOINTS MUST BE USED TO MAKE WATER TIGHT CONNECTIONS TO MANHOLES AND CATCH BASINS.
8. STORM SEWER MAY BE RCP MEETING ASTM C76 OR OR HDPE MEETING ASTM D3212 EXCEPT AS NOTED ON PLAN OR BELOW:
   A. DOWNSPOUT CONNECTIONS TO BE 6" PVC SDR 26 AT 2% MIN. WITH BEADS AS NEEDED
   B. FOUNDATION DRAIN TO BE 4" DIA., PERF DUAL WALL HDPE
   C. SUBGRADE DRAIN SHALL BE 4" PERF. P.E. PIPE WITH GEOTEXTILE WRAP (SOCK) INSTALLED AT BASE OF STRUCTURAL CRUSHED ROCK RILL, CAP ENDS.
9. VERIFY EXACT LOCATION OF BUILDING UTILITY CONNECTIONS WITH APPLICABLE MECHANICAL AND/OR PLUMBING PLANS.
10. INSTALL TRACER WIRE ON PVC SANITARY SEWER AND WATERMAIN.
11. SANITARY SEWER SHALL BE PVC SDR 26, UNLESS OTHERWISE NOTED.
12. SANITARY SEWER MANHOLES SHALL BE 48" DIA. WITH FRAMES AND COVERS PER ODOT STANDARDS. ALL STRUCTURES SHALL BE PRECAST CONCRETE (SANITARY, STORM, WATER)
13. SEE MECH. & ELEC. SITE PLAN FOR GEOTHERMAL & ELECTRICAL COMPONENTS
14. SEE SHEET W1.3 FOR SANITARY & WATER CONNECTIONS.

SITE KEY



BID DOCUMENTS 7/1/2011

Revisions	Date

REGISTERED PROFESSIONAL ENGINEER 83188 OREGON SEPT. 29, 2006 GARY R. JOHNSON

EXPIRES: 06/30/2011

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NATIONAL CEMETERY ADMINISTRATION

Drawing Title: UTILITY PLAN - BUILDING COMPLEX SITE	Project Title: REPLACE ADMINISTRATION AND MAINTENANCE BUILDING AND SITE IMPROVEMENTS		Date: 7-1-2011
Approved: Director, Office of Construction Management	Building Number	Checked: GRJ / Drawn: AMT/PSH	Project No. 906CM3009
Approved: Director, Project Management Service	Location: EAGLE POINT NATIONAL CEMETERY, 2763 RILEY ROAD, EAGLE POINT, OR 97524		DRAWING NO. L-4.1
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