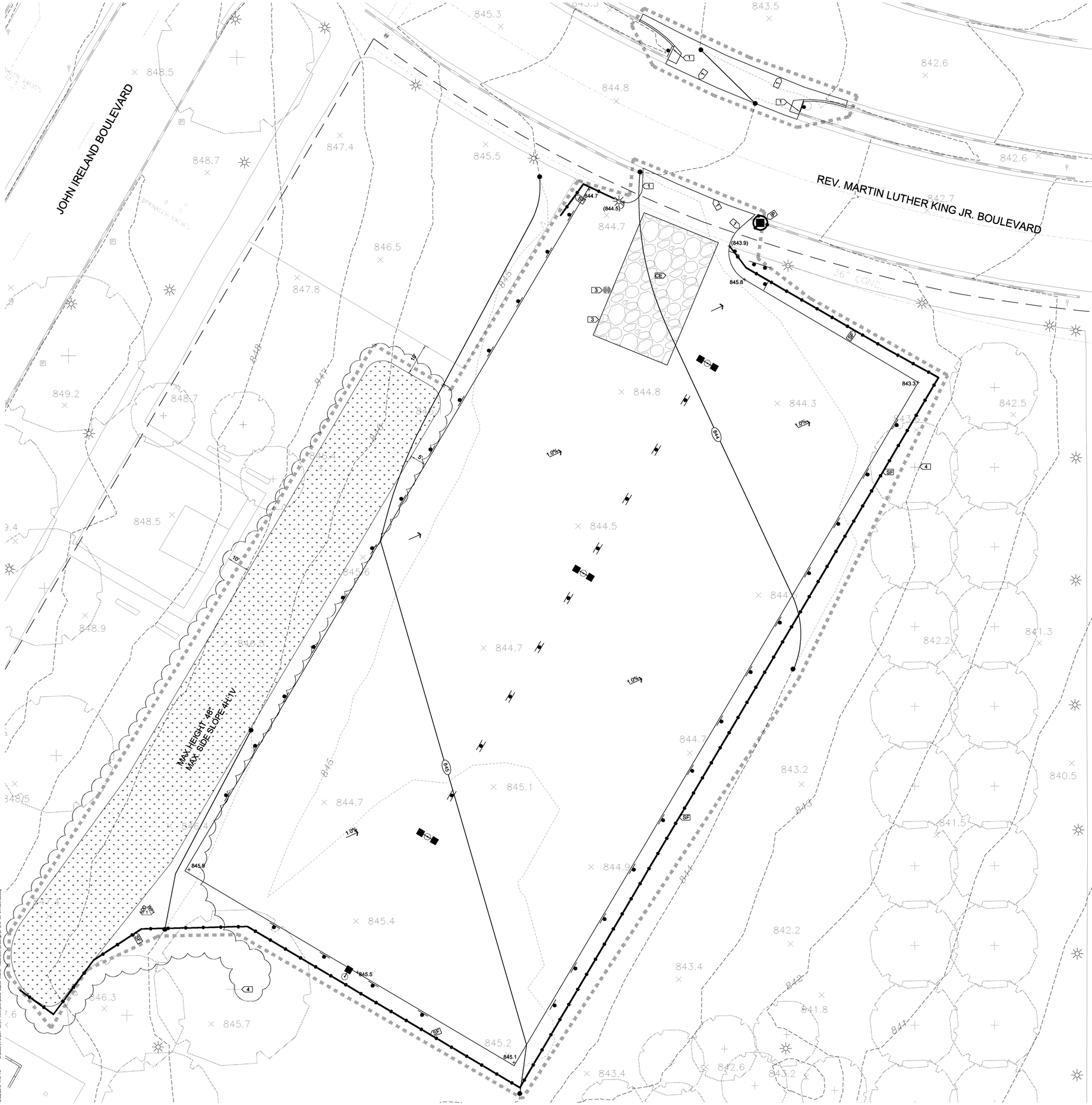

STORM WATER POLLUTION PREVENTION NOTES:

1. AN MPCA GENERAL STORMWATER PERMIT FOR CONSTRUCTION ACTIVITY MUST BE OBTAINED BY THE CONTRACTOR. A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) MUST BE PREPARED AND SUBMITTED TO THE MPCA AND LOCAL WATERSHED AUTHORITY 4 DAYS PRIOR TO ANY AND ALL SITE DISTURBANCE, APPROVED, AND IMPLEMENTED AS PART OF THIS PROJECT UNTIL FINAL PUNCHLIST. THE CONTRACTOR IS RESPONSIBLE FOR PROPER CONSTRUCTION AND MAINTENANCE OF ALL TEMPORARY EROSION AND SEDIMENTATION CONTROLS.
2. THE CONTRACTOR MUST AMEND THE SWPPP AND PREPARE A SUPPLEMENTAL BEST MANAGEMENT PRACTICES (BMP) ACTION PLAN AS NECESSARY TO ADDRESS CHANGES IN CONSTRUCTION, OPERATION, MAINTENANCE, WEATHER, OR SEASONAL CONDITIONS THAT EFFECT THE DISCHARGE OF POLLUTANTS TO SURFACE WATERS AND COMPLY WITH REGULATORY AGENCY REQUIREMENTS.
3. THE CONTRACTOR MUST PLAN AND IMPLEMENT SUITABLE CONSTRUCTION PHASING, VEGETATIVE BUFFER STRIPS, AND OTHER PRACTICES THAT MINIMIZE EROSION AND COMPLY WITH THE INSPECTION AND MAINTENANCE REQUIREMENTS OF THE MPCA GENERAL PERMIT (MN R100001).
4. SEDIMENT CONTROL PRACTICES MUST BE USED TO MINIMIZE SEDIMENT ENTERING SURFACE WATERS OR ADJACENT PROPERTY. ESTABLISH SEDIMENT CONTROL PRACTICES AT ALL DOWN GRADIENT PERIMETERS BEFORE LAND DISTURBING ACTIVITIES BEGIN. ALL STORM INLETS MUST BE PROTECTED WITH SUITABLE BMPs DURING CONSTRUCTION UNTIL FINAL STABILIZATION IS ESTABLISHED.
5. TEMPORARY SOIL STOCKPILES MUST HAVE PERIMETER SILT FENCE OR OTHER EFFECTIVE SEDIMENT CONTROLS.
6. SEDIMENT FROM PROJECT SITE TRACKED BY VEHICLES ON ADJACENT ROADWAY MUST BE CLEANED DAILY WITH A STREET SWEEPER.
7. CONTROL DUST BY APPLYING WATER AS OFTEN AS REQUIRED BY SOIL AND WEATHER CONDITIONS.
8. CONTRACTOR MUST ROUTINELY INSPECT THE PROJECT SITE EVERY SEVEN (7) DAYS DURING ACTIVE CONSTRUCTION AND WITHIN 24-HOURS AFTER EACH RAINFALL EVENT THAT EXCEEDS 0.5-INCHES. ALL INSPECTIONS MUST BE PROPERLY DOCUMENTED.
9. CONTRACTOR MUST INSPECT, REPAIR, AND COVER EROSION-DAMAGED AREAS WITHIN 6 HOURS OF EVERY 24 HOUR STORM EVENT THAT IS GREATER THAN OR EQUAL TO 0.75 INCHES.
10. ALL NONFUNCTIONAL BMPs MUST BE REPAIRED, REPLACED, OR SUPPLEMENTED WITH FUNCTIONAL BMPs.
11. ALL CONSTRUCTION WASTE MATERIALS MUST BE PROPERLY DISPOSED OF OFF-SITE IN A PERMITTED DISPOSAL FACILITY.
12. CONTRACTOR MUST ENSURE FINAL STABILIZATION OF THE PROJECT SITE. IF PERMANENT STABILIZATION CANNOT OCCUR WITHIN 48 HOURS OF COMPLETING GRADING ACTIVITY, ESTABLISH TEMPORARY VEGETATIVE COVER AND HYDROMULCH PER SPEC. 312500. ADD #1
13. ALL SLOPES STEEPER THAN 4:1 MUST BE STABILIZED WITH CATEGORY 2 EROSION CONTROL BLANKET (Mn/DOT 3885).
14. EROSION CONTROL FIBER LOG MUST BE PRODUCT LISTED ON Mn/DOT'S APPROVED PRODUCTS LIST.
15. REMOVE TEMPORARY EROSION & SEDIMENT CONTROL MEASURES AFTER SITE HAS BEEN PERMANENTLY STABILIZED AND STORMWATER INFRASTRUCTURE IS FULLY FUNCTIONAL. AT LEAST 75% OF SITE MUST HAVE EMERGENT VEGETATION, SOD OR EROSION BLANKETS.

EARTHWORK AND UTILITY NOTES:

1. SEE SPECIFICATION SECTION 310000 EARTHWORK.
2. UTILIZE THE GOPHER STATE ONE CALL SYSTEM AT 1-800-252-1166, 48 HOURS PRIOR TO PERFORMING ANY EXCAVATION.
3. FIELD VERIFY UTILITY LOCATIONS PRIOR TO CONSTRUCTION. UNDERGROUND UTILITIES ARE SHOWN AT APPROXIMATE LOCATIONS.
4. SEE SITE SURVEY FOR BENCHMARKS. (BY OWNER)
5. SPOT ELEVATIONS ARE TYPICALLY GIVEN AT FINISHED SURFACE. AT TOP OF CURB, ELEVATIONS ARE NOTED WITH A "TC".
6. PRIOR TO CONSTRUCTION FIELD VERIFY EXISTING PAVEMENT/GUTTER ELEVATION TO CONFIRM MATCH WITH NEW PAVEMENT ELEVATIONS.
7. PRIOR TO CONSTRUCTION, CONTRACTOR TO VERIFY OWNER INTENT WITH REGARDS TO IRRIGATION OF SURROUNDING VEGETATION DURING TEMPORARY CONDITION (EXISTENCE OF TEMPORARY PARKING LOTS BEFORE RESTORATION TO PRE-EXISTING CONDITIONS).
8. SALVAGE ALL EXISTING IRRIGATION INFRASTRUCTURE (PIPING, HEADS, VALVES, SWING JOINTS, ETC.) WITHIN THE CONSTRUCTION LIMITS AND MODIFY REMAINING SYSTEM IN A WAY THAT MAINTAINS THE FUNCTIONALITY OF THE SYSTEM SURROUNDING THE CONSTRUCTION AREAS. PROVIDE DOCUMENTATION TO OWNER DETAILING THE MODIFICATIONS MADE TO THE SYSTEM SO THAT THE SYSTEM CAN BE RESTORED TO ITS ORIGINAL CONDITION WHEN THE PARKING LOTS ARE RESTORED TO LAWN AREAS. ADD #1
9. TOPSOIL WILL BE TESTED BY THE OWNER TO DETERMINE SOIL CHARACTERISTICS (REGULAR SERIES SOIL TEST WHICH INCLUDES TESTS FOR PHOSPHOROUS, POTASSIUM, pH, LIME, ORGANIC MATTER (%), AND ESTIMATED TEXTURE CLASS, AND ALSO LEAD, SOLUBLE SALTS, AND SILT CONTENT). TOPSOIL BORROW REQUIRED FOR FUTURE SITE RESTORATION MUST BE OF EQUAL OR BETTER QUALITY AS EXISTING TOPSOIL REGARDING THESE PARAMETERS.
10. COORDINATE WITH OWNER FOR TOPSOIL STOCKPILING LOCATION(S). ESTABLISH TEMPORARY VEGETATIVE COVER PER SPECIFICATION 312500.
11. AFTER GRADING ACTIVITIES ARE COMPLETE, RESTORE ALL DISTURBED AREAS ADJACENT TO PAVEMENT AND TOPSOIL BERMS WITH SEED AND HYDRO MULCH PER SPEC. 312500. ADD #1

KEY NOTES

1. MATCH EXISTING PAVEMENT GRADE
2. INSTALL NEW CASTING - SEE SHEET C200
3. PRIOR TO CONSTRUCTION, VERIFY UTILITY OWNERSHIP AND SERVICE STATUS WITH PLANT MANAGEMENT AND THE CITY. IF SERVICE IS ACTIVE AND TO BE MAINTAINED, INSTALL ACCESSIBLE HEAVY-DUTY (AASHTO HS-20 LOADING) CASTING TO REPLACE EXISTING VALVE ACCESS CASTING. ADJUST STRUCTURE AND CASTING TO MATCH FINISHED GRADE. CONFIRM ACCESS AND LOCKING REQUIREMENTS WITH PLANT MANAGEMENT. ADD #1
4. HAND EXCAVATE WITHIN THE PROTECTED ROOT ZONE (PRZ). REFER TO SPEC. 320190.

PLAN LEGEND

- EXISTING INDEX CONTOUR
- EXISTING CONTOUR
- EXISTING CONTOUR DISTURBED
- PROPOSED CONTOUR (1116)
- SPOT ELEVATION 18.9
- DRAINAGE ARROW
- DRAINAGE DIVIDE
- CONSTRUCTION LIMITS
- SILT FENCE 2/C900 (SF)
- INLET PROTECTION 3/C900 (IP)
- TREE PROTECTION (TP)
- ROCK CONSTRUCTION ENTRANCE 1/C900 (CE)
- POTENTIAL TOPSOIL STOCKPILE AREA (COORDINATE WITH PLANT MANAGEMENT PRIOR TO SOIL PLACEMENT). ADD #1

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SCALE IN FEET

HGA + SCA
capitol restoration collaborative

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811 Know what's below. Call before you dig.

KEY PLAN

Minnesota State Capitol Repairs, Restoration, & Preservation

75 Rev Dr. Martin Luther King Jr Blvd
Saint Paul, MN 55155
STATE PROJECT NUMBER - 02CB0015

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF MINNESOTA

NOT FOR CONSTRUCTION ONLY

NAME: [redacted]
DATE: JUNE 21, 2013
REGISTRATION NUMBER: [redacted]

NO	DESCRIPTION	DATE
1	ADD #1	06/28/2013

REVISION HISTORY - THIS SHEET

HGA NO: 0476-061-00

ENLARGED GRADING AND EROSION CONTROL PLAN-LOWER MALL

WORK PACKAGE 1

C402

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