

**GENERAL EROSION CONTROL NOTES**

1. THE DESIGN SHOWN IS BASED UPON THE ENGINEER'S UNDERSTANDING OF THE EXISTING CONDITIONS. THE PLAN DOES NOT REPRESENT A DETAILED FIELD SURVEY. THE EXISTING CONDITIONS SHOWN ON THIS PLAN SHEET ARE BASED UPON THE SURVEY PREPARED BY WA BROWN, DATED MARCH 2007. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE EXISTING CONDITIONS. ANY DISCREPANCIES OR UNUSUAL CONDITIONS, IF CONTACTS ARE DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE OWNER PRIOR TO INSTALLATION OF ANY PORTION OF THE SITEWORK WHICH WOULD BE AFFECTED. IF CONTRACTOR DOES NOT ACCEPT EXISTING SURVEY, INCLUDING TOPOGRAPHY AS SHOWN ON THE PLANS, WITHOUT EXCEPTION, HE SHALL HAVE MADE, AT HIS OWN EXPENSE, A TOPOGRAPHIC SURVEY BY A REGISTERED LAND SURVEYOR AND SUBMIT THE RESULTS TO THE ENGINEER FOR REVIEW. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE MAJOR UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATION AND DEPTH OF UTILITIES WHICH COINCIDE WITH THE PROPOSED IMPROVEMENTS SHOWN ON THESE PLANS.
2. THE STORMWATER POLLUTION PREVENTION PLAN IS COMPOSED OF THIS DRAWING ('SITE MAP'), THE STANDARD DETAILS, THE PLAN WATERLINE ATTACHMENTS INCLUDED IN SPECIFICATIONS SECTION 02370 ('SWPPP'), PLUS THE PERMIT AND ALL SUBSEQUENT REPORTS AND RELATED DOCUMENTS.
3. ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH STORM WATER POLLUTION PREVENTION SHALL OBTAIN A COPY OF THE STORM WATER POLLUTION PREVENTION PLAN AND SHALL BE RESPONSIBLE FOR OBTAINING AND MAINTAINING THE PLAN AND SPECIAL GENERAL PERMIT (SGPPS PERMIT) AND BECOME FAMILIAR WITH THEIR CONTENTS.
4. CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES AS REQUIRED BY THE SWPPP. ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS DICTATED BY CONDITIONS AT NO ADDITIONAL COST TO OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.
5. BEST MANAGEMENT PRACTICES (BMP'S) AND CONTROL'S SHALL CONFORM TO FEDERAL, STATE AND LOCAL REGULATIONS AND STANDARDS AS APPLICABLE TO THE PROJECT. CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY PERMITTING AGENCY OR OWNER.
6. SITE MAP MUST CLEARLY DEMONSTRATE ALL STATE WATER REGULATIONS MUST BE MAINTAINED ON SITE AT ALL TIMES.
7. CONSTRUCTION ACTIVITY IMPACTING STATE WATERS OR RELATED WETLANDS MUST BE STOPPED IMMEDIATELY UPON NOTIFICATION BY THE MAJOR EXTENT PRACTICAL OR AS REQUIRED BY THE GENERAL PERMIT.
8. GENERAL CONTRACTOR SHALL DESIGN ON PLAN THE TEMPORARY MAINTENANCE AND STORAGE AREA WHICH SHALL ALSO BE USED AS THE EQUIPMENT MAINTENANCE AND FACILITIES OFFICE, TRAILERS, AND TOILET FACILITIES.
9. ALL WASTE WATER (CONCRETE WASTES, VEHICLE CLEANING, EQUIPMENT CLEANING, ETC.) SHALL BE STORED IN A DEDICATED STORAGE AREA AND NOT ALLOWED TO BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEANUP FIELD OR CHEMICAL SPILLS AND LEAKS.

**STAGING AREA**

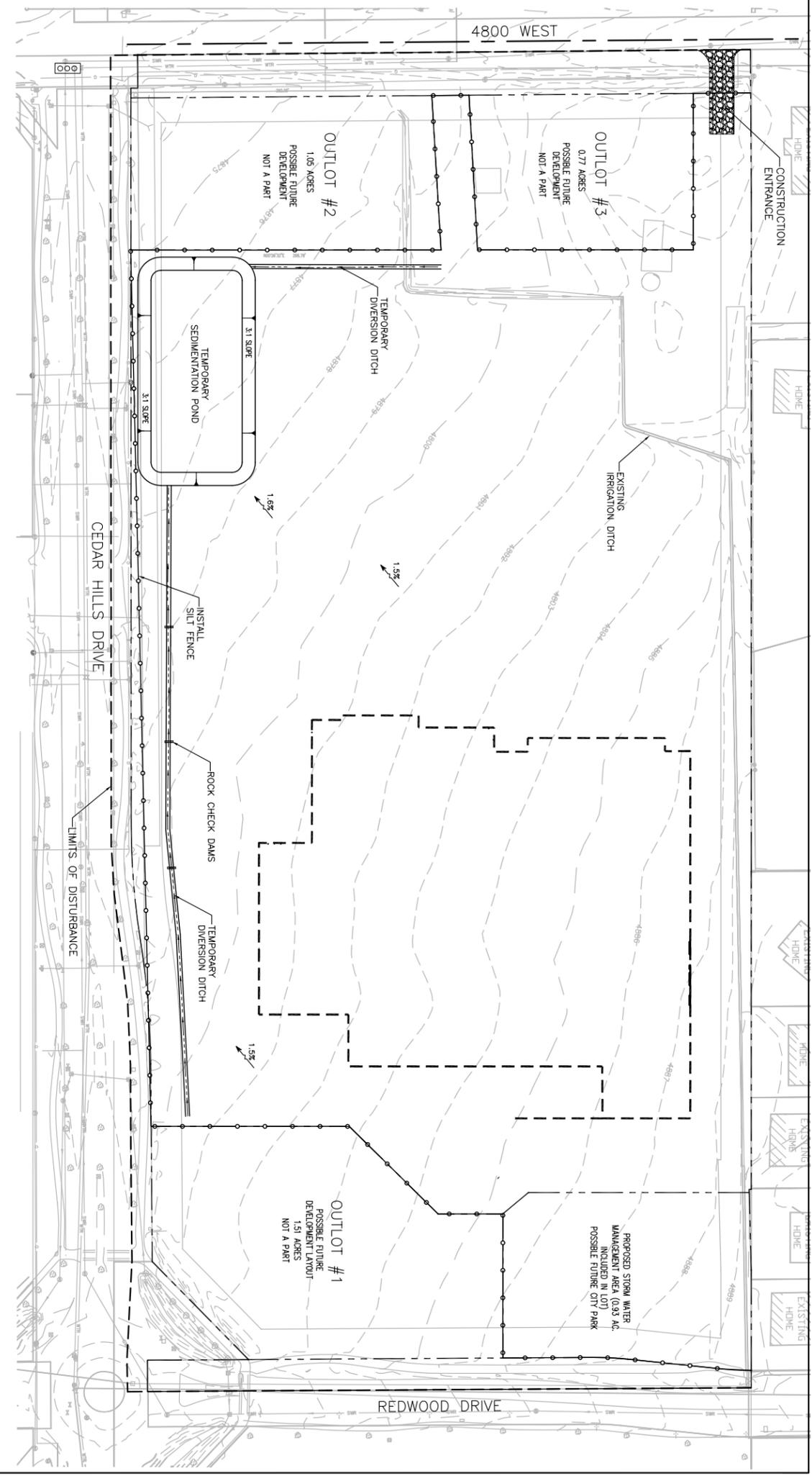
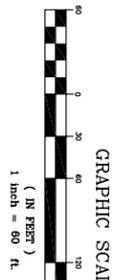
STAGING AREA TO BE PROPERLY ENCLOSED TO CONTAIN CONSTRUCTION RELATED MATERIALS. ALL MATERIALS WITHIN THE CONSTRUCTION STAGING AREA ARE TO BE APPROPRIATELY COVERED OR ENCLOSED EXCEPT DURING USE.

**STABILIZATION / SEEDING NOTE**

TEMPORARY SEEDING - WITHIN 14 DAYS AFTER CONSTRUCTION ACTIVITY CEASES ON ANY PARTICULAR AREA, ALL DISTURBED GROUND WHERE THERE WILL NOT BE CONSTRUCTION FOR LONGER THAN 21 DAYS MUST BE SEEDING WITH FAST-GERMINATING TEMPORARY SEED AND PROTECTED WITH MULCH. PERMANENT SEEDING - ALL AREAS AT FINAL GRADE SHALL BE SEEDING WITHIN 14 DAYS AFTER COMPLETION OF THE MAJOR CONSTRUCTION ACTIVITY.

**SEQUENCE OF CONSTRUCTION**

1. UPON IMPLEMENTATION AND INSTALLATION OF THE FOLLOWING AREAS: TRAILER PARKING, LAY DOWN PORTA-POTTY, WASH, CONCRETE WASHOUT, MASON'S AREA, FUEL, AND MATERIAL STORAGE CONTAINERS, SOIL WASTE CONTAINERS, ETC. IMMEDIATELY DENOTE FIELD ON THE SITE MAPS AND NOTE ANY CHANGES IN THE LOCATION AS THEY OCCUR THROUGHOUT THE CONSTRUCTION PROCESS.
2. PREPARE TEMPORARY PARKING AND STORAGE AREA.
3. PREPARE TEMPORARY PARKING AND STORAGE AREA.
4. REMOVE TREES AS NECESSARY AND CONSTRUCT AND STABILIZE SEDIMENT BASIN(S) AND SEDIMENT TRAP(S) WITH APPROPRIATE OUTLET STRUCTURES (CLEAR ONLY THOSE AREAS NECESSARY TO INSTALL BASINS AND TRAPS).
5. INSTALL AND STABILIZE HYDRAULIC CONTROL STRUCTURES (SMALLS, CHECK DAMS, ETC.).
6. BEGIN DEMOLITION ALL EXISTING STRUCTURES.
7. BEGIN CLEANING AND GRUBBING THE SITE.
8. BEGIN GRADING THE SITE.
9. START CONSTRUCTION OF BUILDING PAD AND STRUCTURES.



**PROJECT PHASING TABLE**

SOIL EROSION/SEDIMENTATION CONTROL OPERATION THE SCHEDULE

NOTE: GENERAL CONTRACTOR TO COMPLETE TABLE WITH THEIR SPECIFIC PROJECT SCHEDULE

CONSTRUCTION SEQUENCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	
TEMPORARY CONSTRUCTION EXITS																				
TEMPORARY CONTROL MEASURES																				
SEDIMENT CONTROL BASINS																				
STRIP & STOCKPILE TOPSOIL																				
ROUGH GRADE																				
STORM FACILITIES																				
SITE CONSTRUCTION																				
PERMANENT CONTROL STRUCTURES																				
FOUNDATION/BUILDING CONSTRUCTION																				
FINISH GRADING																				
LANDSCAPING/SEED/FINAL STABILIZATION																				

**MAINTENANCE**

1. INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING, OR DETACHMENT. SIGNS SHALL BE CHECKED REGULARLY TO SET THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED, AND RESEED AS NEEDED.
2. SILT FENCES AND FIBER ROLLS SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE FIBER ROLLS WHEN IT REACHES ONE-HALF THE HEIGHT OF THE FIBER ROLL.
3. THE CONSTRUCTION EXITS SHALL BE MAINTAINED IN A CONDITION THAT ALL TRAVELWAYS MAY REQUIRE PERIODIC GRUBBING OR REPAIRS. ALL TRAVELWAYS MAY REQUIRE PERIODIC GRUBBING OR REPAIRS. THE CONSTRUCTION EXITS AS CONDITIONS DEMAND.
4. THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AS CONDITIONS DEMAND.
5. OUTLET STRUCTURES IN THE SEDIMENTATION BASINS SHALL BE MAINTAINED IN OPERATIONAL CONDITIONS AT ALL TIMES. SEDIMENT SHALL BE REMOVED AS NECESSARY FROM THE BASINS ON TRAPS WHEN THE SEDIMENT DEPTH IS GREAT ENOUGH TO AFFECT THE FLOW OF WATER. IN THE EVENT THAT THE PROPOSED BMP'S FAIL, ALTERNATE EFFECTIVE MEASURES SHALL BE IMPLEMENTED.

No.	Date	By	Revision Description

Designed By	Issue Date
GLC	3/26/2007
Drawn By	CITY
DEC	PRELIMINARY
Checked By	Project No:
SSM/JML	2006010.021

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**PROPOSED RETAIL**

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**PRELIMINARY**

**EROSION AND SEDIMENTATION**

**CONTROL PLAN**

**D-1.1**