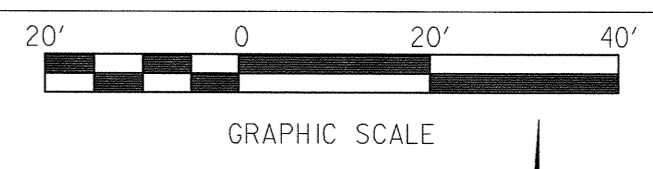


SOIL EROSION/SEDIMENTATION CONTROL OPERATION TIME SCHEDULE												
NOTE: GENERAL CONTRACTOR TO COMPLETE TABLE WITH THEIR SPECIFIC PROJECT SCHEDULE												
CONSTRUCTION SEQUENCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ROUGH GRADE / SEDIMENT CONTROL												
TEMPORARY CONTROL MEASURES												
STRIP & STOCKPILE TOPSOIL												
STORM FACILITIES												
TEMPORARY CONSTRUCTION ROADS												
FOUNDATION / BUILDING CONSTRUCTION												
SITE CONSTRUCTION												
PERMANENT CONTROL STRUCTURES												
FINISH GRADING												
LANDSCAPING/SEED/FINAL STABILIZATION												

- CONSTRUCTION SEQUENCE**
- CONSTRUCT TEMPORARY CONSTRUCTION EXIT
 - INSTALL PERIMETER SILT FENCES AND OTHER BMP'S.
 - PERFORM GRADING
 - INSTALL BMP'S AT THE LOCATIONS OF ALL GRATE INLETS, CURB INLETS, AND AT THE ENDS OF ALL EXPOSED STORM SEWER PIPES.
 - CARRY OUT FINAL GRADING AND GRAVEL AND/OR ASPHALT PLACEMENT.
 - REMOVE BMP'S ONLY AFTER ALL PAVING IS COMPLETE AND EXPOSED SURFACES ARE STABILIZED.
 - REMOVE TEMPORARY CONSTRUCTION EXITS.

- Storm Sewer Manhole
Top Elev. 1309.42
18" CMP NW. 1305.12
18" CMP NE. 1304.82
18" CMP S. 1305.17
30" CMP SE. 1304.02



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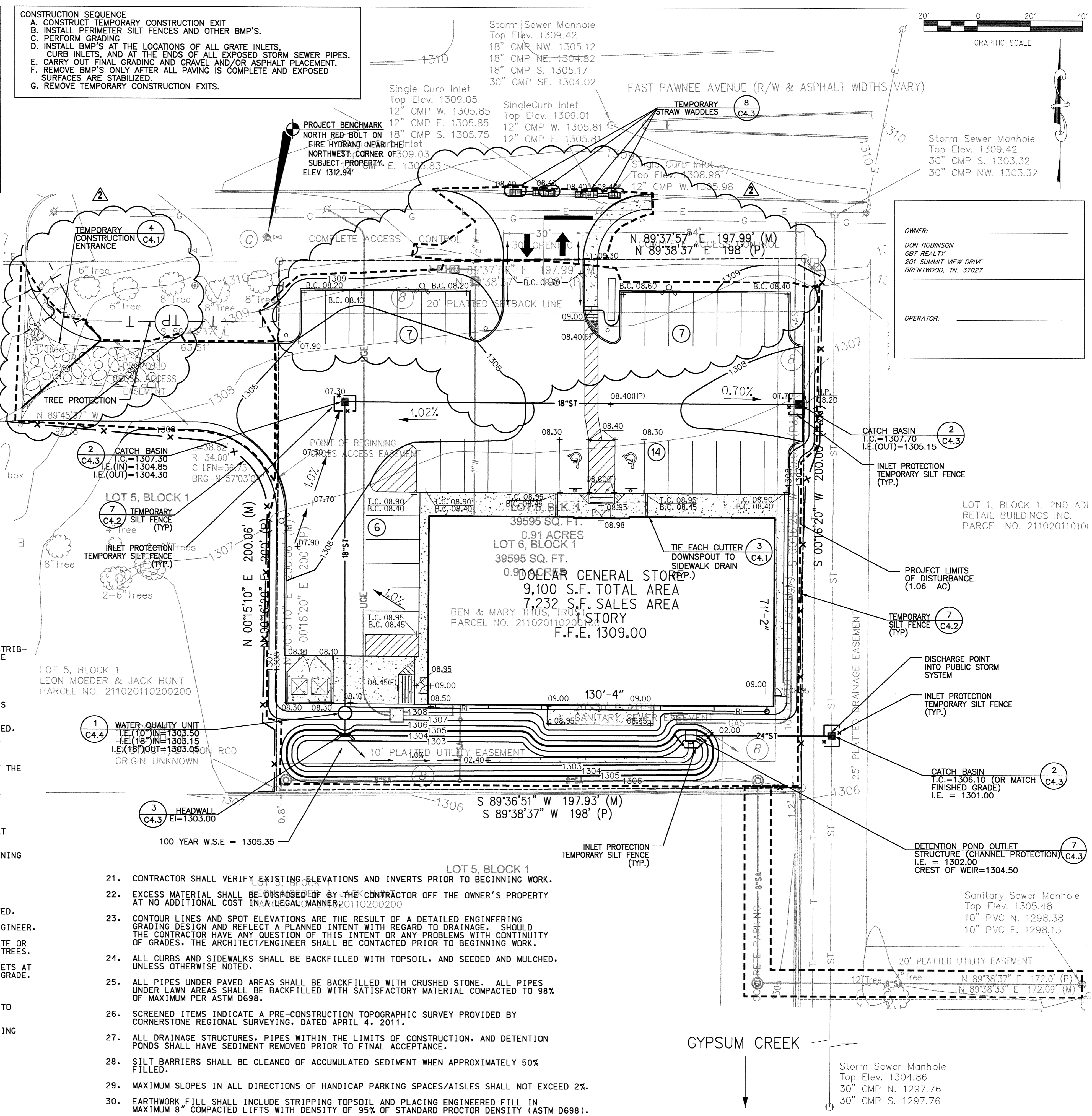
MAINTENANCE/INSPECTION PROCEDURES:

Erosion and Sediment Control and Stabilization Measures Maintenance and Inspection Practices

- The following inspection and maintenance practices will be used to maintain erosion and sediment controls and stabilization measures to be performed by the Contractor.
 - All control measures will be inspected at least every 14 days and within 24 hours following a 0.5 inches rainfall event.
 - All measures will be maintained in good working order; if repairs are found to be necessary, they will be initiated within 24 hours of report.
 - Built up sediment will be removed from silt fence when it has reached one-third the height of the fence.
 - Silt fences will be inspected for depth of sediment, tears, etc., to see if the fabric is securely attached to the fence posts, and to see that the fence posts are securely in the ground.
 - Temporary and permanent seeding and all other stabilization measures will be inspected for bare spots, washouts, and healthy growth.
 - A maintenance inspection report will be made after each inspection. Copies of the Inspection Report Forms to be completed by the inspector are included in this SWPPP under SECTION 4.
 - The Contractor will be responsible for selecting and training the individuals who will be responsible for these inspections, maintenance and repair activities, and filling out inspection and maintenance reports.
 - Personnel selected for the inspection and maintenance responsibilities will receive training from the Contractor. Documentation of this personnel training will be kept in the Contractor's SWPPP Folder.
 - Disturbed areas and materials storage areas will be inspected for evidence of or potential for pollutants entering storm water systems.
 - Report to U.S. Environmental Protection Agency within 24 hours any noncompliance with the SWPPP that will endanger public health or the environment.

GRADING, DRAINAGE AND EROSION CONTROL NOTES

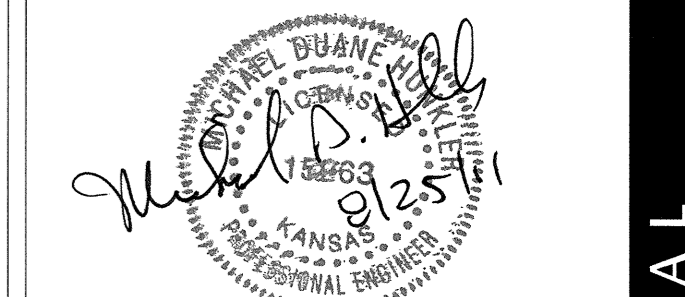
- TOPSOIL SHALL BE STRIPPED FROM ALL CUT AND FILL AREAS. STOCKPILED AND REDISTRIBUTED OVER GRADED AREAS TO A MINIMUM DEPTH OF 6 INCHES. MAKE STOCKPILES FREE DRAINING AND PROVIDE EROSION AND SEDIMENTATION CONTROLS AROUND STOCKPILES.
- SATISFACTORY TOPSOIL IS DEFINED AS SOIL BEING FREE OF SUBSOIL, CLAY LUMPS, STONES, OTHER OBJECTS OVER 1 INCH IN DIAMETER, OR CONTAMINANTS.
- ALL GRADED AREAS SHALL BE SEEDED AND MULCHED WITHIN 15 DAYS AFTER GRADING IS COMPLETED.
- SEEDED AREAS SHALL BE CONSIDERED ACCEPTABLE WHEN FULL COVERAGE IS ESTABLISHED.
- GENERAL CONTRACTOR IS RESPONSIBLE TO WATER SEEDED AREAS AS NECESSARY TO GET VEGETATION ESTABLISHED.
- SEED ALL DISTURBED AREAS NOT OTHERWISE PLANTED WITH 'CODY' BUFFALO GRASS AT THE RATE OF 2 LBS. PER 1,000 S.F. MULCH SEEDED AREAS WITH STRAW.
- AFTER STRIPPING TOPSOIL, PROOFROLL SUBGRADE WITH A LOADED DUMP TRUCK WITH A MINIMUM WEIGHT OF 16 TONS.
- FINISH GRADES TOLERANCES ARE 0.10 FOOT ABOVE OR BELOW DESIGN ELEVATIONS.
- PROVIDE TEMPORARY SEEDING ON STOCKPILES AND ALL OTHER AREAS OF THE SITE THAT WILL REMAIN UNDISTURBED FOR 30 DAYS OR MORE.
- CONSTRUCT TEMPORARY EROSION CONTROL AS SHOWN ON THE DRAWINGS PRIOR TO BEGINNING GRADING OPERATIONS.
- ALL LOCATIONS OF TEMPORARY EROSION CONTROL DEVICES SHALL BE SUBJECT TO ADJUSTMENT AS DIRECTED BY THE ARCHITECT/ENGINEER.
- WHEN THE TEMPORARY EROSION CONTROL DEVICES ARE NO LONGER REQUIRED FOR THE INTENDED PURPOSE (IN THE ARCHITECT/ENGINEER'S OPINION), THEY SHALL BE REMOVED.
- REPLACE DAMAGED AND WORN OUT SILT BARRIERS AS DIRECTED BY THE ARCHITECT/ENGINEER.
- THE CONTRACTOR SHALL PROTECT ALL TREES DESIGNATED TO REMAIN. DO NOT OPERATE OR STORE HEAVY EQUIPMENT, NOR HANDLE/STORE MATERIALS, WITHIN THE DRIP LINES OF TREES.
- TOP OF GRATE ELEVATIONS FOR CURB INLETS ARE GIVEN TO THE CENTER OF THE INLETS AT THE FACE OF CURB. THE GRATES SHALL SLOPE LONGITUDINALLY WITH THE PAVEMENT GRADE. ADJUST THE CASTING TO FALL ALONG THE CURB LINE.
- THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES, PROTECT UTILITIES TO REMAIN, AND REPAIR CONTRACTOR-CAUSED DAMAGE ACCORDING TO LOCAL STANDARDS AT CONTRACTOR'S EXPENSE.
- NOTIFY LOCAL UTILITY LOCATOR SERVICE OF INTENDED EXCAVATION/UTILITY TRENCHING OPERATIONS. SEE GENERAL UTILITY NOTE #4 ON SHEET C2.1 FOR PHONE NUMBER.
- IN THE EVENT OF ANY DISCREPANCIES FOUND IN THE DRAWINGS OR IF PROBLEMS ARE ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER BEFORE PROCEEDING WITH THE WORK.
- THE CONTRACTOR SHALL GIVE ALL NECESSARY NOTICES AND OBTAIN ALL PERMITS.
- SPOT ELEVATIONS AND CONTOURS REPRESENT PROPOSED FINISHED GRADE AND TOP OF FINISHED PAVEMENT.



- CONTRACTOR SHALL VERIFY EXISTING ELEVATIONS AND INVERTS PRIOR TO BEGINNING WORK.
- EXCESS MATERIAL SHALL BE DISPOSED OF BY THE CONTRACTOR OFF THE OWNER'S PROPERTY AT NO ADDITIONAL COST IN A LEGAL MANNER 20110200200
- CONTOUR LINES AND SPOT ELEVATIONS ARE THE RESULT OF A DETAILED ENGINEERING GRADING DESIGN AND REFLECT A PLANNED INTENT WITH REGARD TO DRAINAGE. SHOULD THE CONTRACTOR HAVE ANY QUESTION OF THIS INTENT OR ANY PROBLEMS WITH CONTINUITY OF GRADES, THE ARCHITECT/ENGINEER SHALL BE CONTACTED PRIOR TO BEGINNING WORK.
- ALL CURBS AND SIDEWALKS SHALL BE BACKFILLED WITH TOPSOIL, AND SEEDED AND MULCHED, UNLESS OTHERWISE NOTED.
- ALL PIPES UNDER PAVED AREAS SHALL BE BACKFILLED WITH CRUSHED STONE. ALL PIPES UNDER LAWN AREAS SHALL BE BACKFILLED WITH SATISFACTORY MATERIAL COMPACTED TO 98% OF MAXIMUM PER ASTM D698.
- SCREENED ITEMS INDICATE A PRE-CONSTRUCTION TOPOGRAPHIC SURVEY PROVIDED BY CORNERSTONE REGIONAL SURVEYING, DATED APRIL 4, 2011.
- ALL DRAINAGE STRUCTURES, PIPES WITHIN THE LIMITS OF CONSTRUCTION, AND DETENTION PONDS SHALL HAVE SEDIMENT REMOVED PRIOR TO FINAL ACCEPTANCE.
- SILT BARRIERS SHALL BE CLEANED OF ACCUMULATED SEDIMENT WHEN APPROXIMATELY 50% FILLED.
- MAXIMUM SLOPES IN ALL DIRECTIONS OF HANDICAP PARKING SPACES/AISLES SHALL NOT EXCEED 2%.
- EARTHWORK FILL SHALL INCLUDE STRIPPING TOPSOIL AND PLACING ENGINEERED FILL IN MAXIMUM 8" COMPACTED LIFTS WITH DENSITY OF 95% OF STANDARD PROCTOR DENSITY (ASTM D698).

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GBT REALTY
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OPERATOR:



MICHAEL DUANE HUNKLER
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06.07.11
MJM 11074

CITY COMMENTS	
▲	07.05.11
▲	MOVED ENTRANCE
	08.24.11

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STORMWATER, POLLUTION PREVENTION PLAN

C3.2

ARCHITECTS
SEAL
CONSULTANT
OWNER
LOCATION
DATE
SHEET