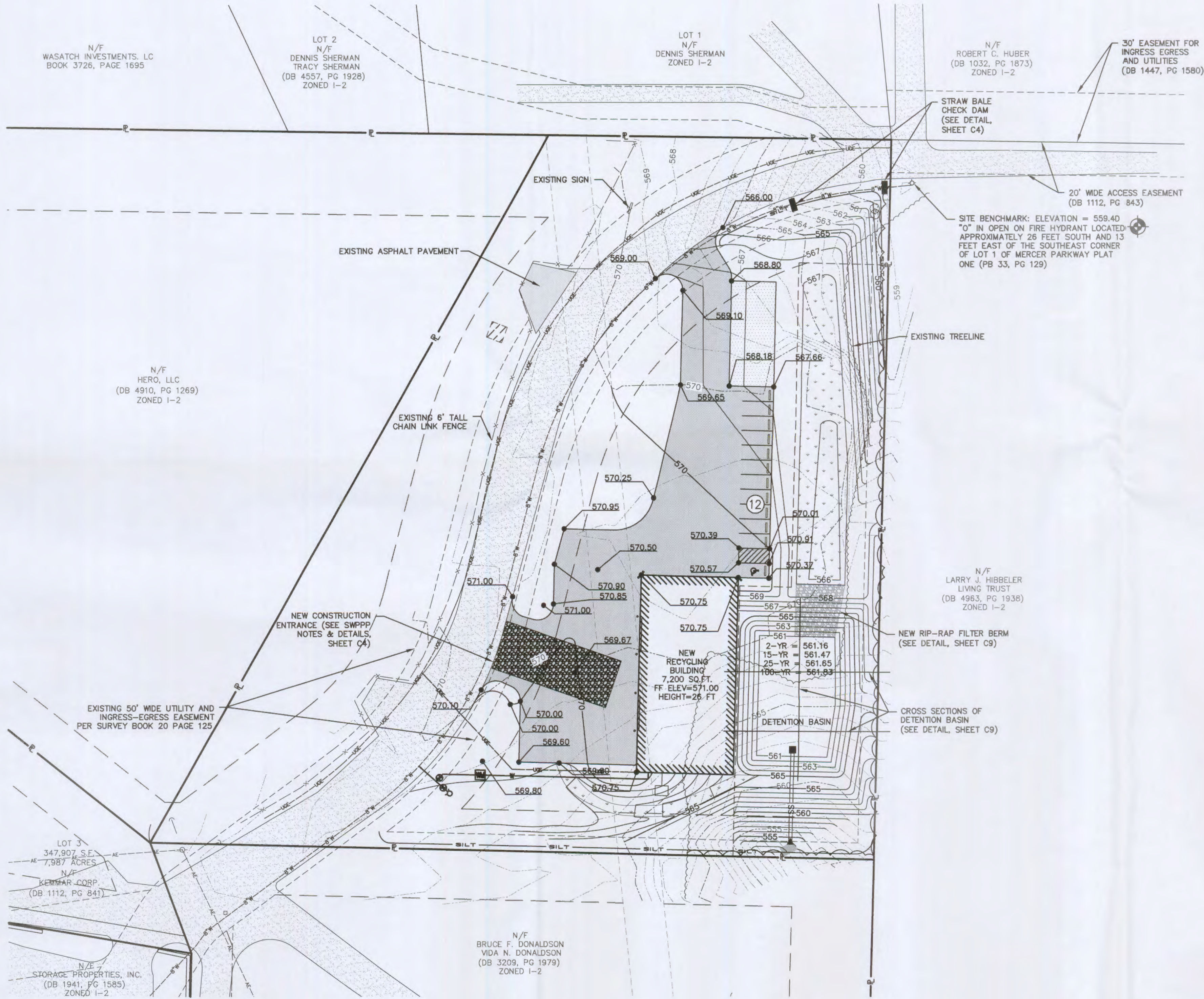
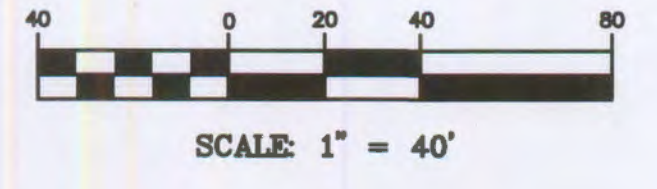


GRADING PLAN



- NOTE: ALL GRADES EXCEEDING 3:1 SLOPE SHALL REQUIRE AN EROSION CONTROL BLANKET.
- NOTE: ALL SPOT ELEVATIONS SHOWN ON THIS PLAN ARE TOP OF PAVEMENT UNLESS OTHERWISE NOTED.
- NOTE: ALL TRUCKS SHALL BE WASHED DOWN PRIOR TO LEAVING SITE.
- NOTE: ROADWAY MUST BE KEPT CLEAN AND FREE OF ALL MUD, DIRT AND DEBRIS AT ALL TIMES.



LEGEND

PROPERTY LINE	---
EASEMENT	---
SETBACK	---
EXISTING AERIAL ELECTRIC	---AE---
EXISTING UTILITY POLE	---O---
EXISTING GUY WIRE	---G---
EXISTING CHAIN LINK FENCE	---X---
EXISTING WATER MAIN	---B'W---
EXISTING TREE	---(C)---
EXISTING TREELINE	---(W)---
EXISTING UNDERGROUND ELECTRIC	---UGE---
NEW UNDERGROUND ELECTRIC	---UGE---
EXISTING FIRE HYDRANT	---(H)---
NEW FIRE HYDRANT	---(H)---
NEW STORM SEWER	---SS---
NEW FLARED END	---(F)---
NEW WATER LINE	---(W)---
NEW WATER VALVE	---(V)---
NEW WATER METER	---(M)---
NEW SILT FENCE	---SILT---
EXISTING GRAVEL ROAD	---(G)---
EXISTING ASPHALT PAVEMENT	---(A)---
NEW CONCRETE PAVEMENT	---(C)---
NEW ASPHALT MILLINGS	---(M)---
NEW BIO-SWALE/FILTER STRIP	---(B)---
EXISTING BUILDING	---(B)---
NEW BUILDING	---(B)---
NEW TREE	---(C)---
NEW TREELINE	---(W)---
EXISTING 1' CONTOUR	---XXX---
EXISTING 5' CONTOUR	---XXX---
NEW 1' CONTOUR	---XXX---
NEW 5' CONTOUR	---XXX---

- NOTES:**
- UNDERGROUND STRUCTURES, FACILITIES, AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS. THEREFORE, THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS PRESENTLY NOT KNOWN.
 - SITE BENCHMARK: ELEVATION = 558.40
"O" IN OPEN ON FIRE HYDRANT LOCATED APPROXIMATELY 26 FEET SOUTH AND 13 FEET EAST OF THE SOUTHEAST CORNER OF LOT 1 OF MERCER PARKWAY PLAT ONE (PB 33, PG 129)
 - THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENT 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. LOCATION, RELOCATION AND CONNECTION OF THE UTILITIES SHALL BE COORDINATED WITH THE UTILITY COMPANIES.
 - ALL SURVEY MONUMENTS DISTURBED DURING CONSTRUCTION SHALL BE REPLACED BY A LICENSED SURVEYOR.
 - CONTRACTOR TO CONTACT TELEPHONE, ELECTRIC, GAS AND WATER COMPANIES TO HAVE UNDERGROUND UTILITIES LOCATED ON THIS SITE AND ADJACENT TO THIS SITE PRIOR TO DOING ANY EXCAVATING.
 - ALL TRENCHES UNDER PAVED AREAS SHALL BE BACKFILLED WITH GRANULAR MATERIAL AND COMPACTED TO COMPACTION REQUIREMENTS OF THE ROAD.
 - IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOBSITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL BARRICADES, WARNING SIGNS, FLASHING LIGHTS AND TRAFFIC CONTROL DEVICES DURING CONSTRUCTION. CONTRACTOR TO COMPLY WITH ALL OSHA REGULATION REQUIREMENTS AND SAFETY MEETING REQUIREMENT.
 - ALL CULVERT PIPE UNDER DEDICATED ROADWAYS SHALL BE CLASS III REINFORCED CONCRETE PIPE (RCP) MEETING CURRENT MISSOURI STANDARD SPECIFICATIONS FOR HIGHWAY STANDARDS.
 - TOTAL SITE ACREAGE = 3.31 ± ACRES.
 - PROVIDE CITY OF O'FALLON WITH COPY OF GRADING COMPACTION TEST RESULTS.
 - IF MATERIALS SUCH AS TREES, ORGANIC DEBRIS, RUBBLE, FOUNDATIONS AND OTHER DELETERIOUS MATERIAL ARE NOT TO BE REUSED, THEY SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN COMPLIANCE WITH ALL APPLICABLE LAWS AND REGULATIONS.
 - NO SLOPES SHALL EXCEED 3 (HORIZONTAL): 1 (VERTICAL).
 - ALL FILL PLACED UNDER PROPOSED STORM AND SANITARY SEWERS, PROPOSED ROADS AND/OR PAVED AREAS SHALL BE COMPACTED TO 90% OF MAXIMUM DENSITY AS DETERMINED BY THE MODIFIED AASHTO T-180 COMPACTION TEST OR 95% OF MAXIMUM DENSITY AS DETERMINED BY THE STANDARD PROCTOR TEST AASHTO T-99. ALL FILL PLACED IN PROPOSED ROADS SHALL BE COMPACTED FROM THE BOTTOM OF THE FILL UP. ALL TESTS SHALL BE VERIFIED BY A SOILS ENGINEER CONCURRENT WITH GRADING AND BACKFILLING OPERATIONS.
 - DEVELOPER MUST SUPPLY CITY CONSTRUCTION INSPECTORS WITH AN ENGINEER'S SOIL REPORTS PRIOR TO AND DURING SITE SOIL TESTING.

SOIL EROSION/SEDIMENTATION CONTROL OPERATION TIME SCHEDULE

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

CONSTRUCTION SEQUENCE	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.
ROUGH GRADE / SEDIMENT CONTROL												
TEMPORARY CONTROL MEASURES												
PERMANENT CONTROL MEASURES												
SEED AND FINAL STABILIZATION												

Lot 1 of Kemmar Court

Engineering Company's Information



9-20-13
DATE
Kurtis J. Daniels No. E-28668
Registered Professional Engineer
State of Missouri
for Cochran Engineering & Surveying

Owner: Hero, LLC
Developer: Grace Hauling
1010 Hoff Road
O'Fallon, MO 63366
Phone: 636-398-8060

City of O'Fallon Standard Sheet

P+Z No.
Approval Date: 7/6/13
City No. 00-42.06
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