

GENERAL NOTES

- CONTRACTOR SHALL CHECK BETWEEN ALL BENCHMARKS AND CONTROL POINTS TO CONFIRM ELEVATIONS PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL PROTECT ALL CONTROL POINTS NOT DIRECTLY IN THE CONSTRUCTION AREA.
- CONTRACTOR SHALL ESTABLISH ADDITIONAL BENCHMARKS AND CONTROL POINTS AS NECESSARY TO COMPLETE THE WORK. CONTRACTOR IS ENCOURAGED TO CHECK BENCHMARKS.
- PROTECT EXISTING UTILITIES DURING CONSTRUCTION.
- EXISTING UTILITIES SHOWN ARE INDICATED IN ACCORDANCE WITH AVAILABLE RECORDS AND FIELD MEASUREMENTS. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING EXACT LOCATIONS AND ELEVATION OF ALL UTILITIES IN THE FIELD.
- CONTRACTOR SHALL PROTECT ALL PROPERTY IRONS.
- CONTRACTOR SHALL DRAIN/DEWATER EXISTING OPEN-WATER WETLAND BEFORE DREDGING OPERATIONS BEGIN AND APPROPRIATELY RELOCATE ANY WILDLIFE PRIOR TO CONSTRUCTION.
- ON A DAILY BASIS, PRIOR TO ENTERING THE PROJECT SITE, AND PRIOR TO ENTRANCE IF A VEHICLE ENTERS AFTER VISITING ANOTHER SITE, ALL EQUIPMENT USED AT THE PROJECT SHALL BE SPRAYED CLEAN OF ALL DIRT, SOD, OR FOREIGN MATTER WITH HIGH-PRESSURE WATER IN AN UPLAND LOCATION OUTSIDE OF THE PROJECT SITE THAT DOES NOT DRAIN TO THE SITE OR IN CONTRACTORS SHOP. EQUIPMENT CLEANED SHALL INCLUDE, BUT IS NOT LIMITED TO, ALL DOZERS, SCRAPERS, BACKHOES, DUMP TRUCKS, TRUCKS, SHOVELS, PICKS, AND HAND TOOLS THAT ENTER THE PROJECT SITE. SPECIAL CARE SHALL BE TAKEN TO CLEANSE THE UNDERBODY, SUSPENSION, TRACKS, WHEELS, TIRES, AND WHEEL WELLS OF ALL MOTORIZED EQUIPMENT. IF NECESSARY, HAND TOOLS, BRUSHES, OR SCRAPERS MAY BE REQUIRED TO REMOVE HEAVY ACCUMULATIONS OF DEBRIS FROM ANY ITEM.
- DISTURBANCE LIMITS ARE RESTRICTED TO AREA AS SHOWN ON PLANS.
- ALLOWABLE STAGING AREAS FOR EQUIPMENT AND MATERIALS ARE ONLY ALLOWED ON CITY-OWNED PARCELS OF THE PROJECT AND AREAS SHOULD BE AGREED UPON BETWEEN CONTRACTOR AND THE CITY PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL USE PROPOSED MAINTENANCE PATH AND BLUE HARVEST LANE ALIGNMENTS FOR ACCESS THROUGHOUT THE SITE DURING CONSTRUCTION.
- DURING CONSTRUCTION OF THE MAINTENANCE PATH BERMS NORTH OF BLUE HARVEST LANE, CONTRACTOR SHALL COORDINATE WITH THE CITY AND THE CITY'S GEOTECHNICAL ENGINEER TO DETERMINE IF NATIVE SOILS AT THE EMBANKMENT LOCATIONS MEET THE EARTHEN EMBANKMENT MATERIAL SPECIFICATIONS.

TRAFFIC CONTROL NOTES:

- USE WISDOT STANDARD DETAIL SDD 15D29 "TRAFFIC CONTROL, VEHICLE ENTRANCE/EXIT OR HAUL ROAD" ON MEADOW ROAD AT CONNECTIONS TO MEADOW ROAD. SEE SHEET 5 FOR SDD 15C29. PLACE TRAFFIC CONTROL AT BOTH NORTH AND SOUTH PROJECT LIMITS ON MEADOW ROAD.
- DURING NON-CONSTRUCTION HOURS, PLACE TYPE III BARRICADES ACROSS CONSTRUCTION AND MAINTENANCE PATH ENTRANCES.
- THE CONTRACTOR SHALL MAKE ALL CHANGES IN THE SIGNING THAT ARE DEEMED NECESSARY BY THE CITY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF ALL BARRICADES, SIGNS, LIGHTS, AND OTHER TRAFFIC CONTROL DEVICES INSTALLED BY THE CONTRACTOR, THAT ARE IN PLACE AND OPERATION 24 HOURS A DAY, 7 DAYS A WEEK FOR THE DURATION OF THE PROJECT.
- BARRICADES THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

STRUCTURE TABLE

STRUCT NO.	TYPE	NORTHING	EASTING	DISCHARGE STRUCTURE	DISCHARGE PIPE				
					SIZE (IN)	INVERT ELEV.	DISCHARGE ELEV.	LENGTH (FT)	SLOPE (%)
OUTLET 1	OUTLET CONTROL	469965.141	772920.098	AEW 1.2	18	1031.78	1031.50	32	0.87
AEW 1.1	END WALL	469950.470	772928.893	OUTLET 1	18	1032.00	1031.78	17	1.29
AEW 1.2	END WALL	469977.942	772890.933	NORTHEAST CHANNEL	18	1031.50	-	-	-
AEW 2.1	END WALL	469622.708	772788.627	AEW 2.2	18	1033.93	1033.68	50	0.50
AEW 2.2	END WALL	469620.920	772838.715	MAIN LINE CHANNEL	18	1033.68	-	-	-
AEW 3.1	END WALL	469855.272	772788.921	AEW 3.2	18	1032.00	1031.00	59	1.69
AEW 3.2	END WALL	469854.928	772847.627	MAIN LINE CHANNEL	18	1031.00	-	-	-
AEW 4.1	END WALL	469925.388	772618.366	AEW 4.2	18	1031.50	1031.50	110	0.00
AEW 4.2	END WALL	470026.375	772575.981	AEW 4.1	18	1031.50	1031.50	110	0.00
AEW 5.1	END WALL	470252.690	772574.543	AEW 5.2	18	1032.00	1031.00	60	1.67
AEW 5.2	END WALL	470281.078	772627.210	MAIN LINE CHANNEL	18	1031.00	-	-	-
AEW 6.1	END WALL	470445.967	772394.917	AEW 6.2	12	1033.00	1033.00	36	0.00
AEW 6.2	END WALL	470445.444	772430.408	AEW 6.1	12	1033.00	1033.00	36	0.00
AEW 7.1	END WALL	470633.213	772400.685	AEW 7.2	12	1033.00	1033.00	36	0.00
AEW 7.2	END WALL	470631.248	772436.265	AEW 7.1	12	1033.00	1033.00	36	0.00
AEW 8.1	END WALL	470831.447	772411.462	AEW 8.2	12	1033.00	1033.00	33	0.00
AEW 8.2	END WALL	470830.005	772443.878	AEW 8.1	12	1033.00	1033.00	33	0.00
AEW 9.1	END WALL	470940.814	772297.084	AEW 9.2	18	1035.74	1035.55	32	0.59
AEW 9.2	END WALL	470909.167	772298.267	-	18	1035.55	-	-	-

Earthwork Summary

Undercut for Streets & Paths	1,580 CY
Topsoil Stripping (Blue Harvest Lane)	1,400 CY
Total Unclassified Excavation Cut (Blue Harvest Lane)	2,980 CY
Total Unclassified Excavation Cut (Ponds and Channels)	51,710 CY

EXISTING		LEGEND		PROPOSED	
	EXISTING RIGHT OF WAY		PROPOSED GAS LINE		PROPOSED SANITARY SEWER
	EXISTING PROPERTY LINE		PROPOSED WATER MAIN		PROPOSED WATER MAIN W/ CASING
	EXISTING GAS LINE		PROPOSED STORM SEWER		PROPOSED TELEPHONE LINE
	EXISTING SANITARY SEWER		PROPOSED UNDERGROUND ELECTRIC LINE		PROPOSED FIBER OPTIC LINE
	EXISTING WATER MAIN		PROPOSED FENCE		PROPOSED FENCE
	EXISTING STORM SEWER		PROPOSED SILT FENCE		PROPOSED SILT FENCE
	EXISTING TELEPHONE LINE		PROPOSED SHEET PILING		PROPOSED SHEET PILING
	EXISTING UNDERGROUND ELECTRIC LINE		PROPOSED INLET PROTECTION		PROPOSED INLET PROTECTION
	EXISTING OVERHEAD ELECTRIC LINE		PROPOSED END CAP		PROPOSED END CAP
	EXISTING FIBER OPTIC LINE		PROPOSED WATER VALVE		PROPOSED WATER VALVE
	EXISTING FENCE		PROPOSED FIRE HYDRANT		PROPOSED FIRE HYDRANT
	CONTROL POINT		PROPOSED SANITARY SEWER MANHOLE		PROPOSED SANITARY SEWER MANHOLE
	EXISTING BENCHMARK		PROPOSED STORM SEWER MANHOLE		PROPOSED STORM SEWER MANHOLE
	SOIL BORING		PROPOSED INLET		PROPOSED INLET
	EXISTING DECIDUOUS/CONIFEROUS TREE		FUTURE PROJECT BY OTHERS		FUTURE PROJECT BY OTHERS
	EXISTING TREE STUMP		MAJOR CONTOUR		MAJOR CONTOUR
	EXISTING MANHOLE		MINOR CONTOUR		MINOR CONTOUR
	EXISTING INLET		PROPOSED STORM SEWER		PROPOSED STORM SEWER
	EXISTING CATCH BASIN		TREE TO BE REMOVED		TREE TO BE REMOVED
	EXISTING POWER POLE				
	EXISTING LIGHT POLE				
	EXISTING GAS VALVE				
	EXISTING WATER VALVE				
	EXISTING WATER MANHOLE				
	EXISTING FIRE HYDRANT				
	WETLAND DELINEATION				
	WETLAND BUFFER				
	EXISTING APRON END WALL				
	IRON PIPE				
	PROPERTY LINE				
	MAINTENANCE PATH				
	FUTURE MUTLI-USE PATH				
	EXISTING SAND BAGS				

GENERAL NOTES & LEGEND
1020.129
CITY OF MADISON
LOWER BADGER MILL CREEK FLOOD MITIGATION
 S:\MAD1000-1099\1020\129\Drawings\CAD\Civil 3d\Sheets\Plan\General Notes & Legend.dwg
CONTRACT NO.: 9030
1020.129
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