

**LEGEND**

8.38	EXIST. CONTOUR	—	FENCE
OH	EXIST. OVERHEAD UTILITY LINE	—	GUARDRAIL
ott	EXIST. TELEPHONE LINE	●	SINGLE TREE
e	EXIST. ELECTRIC LINE	○	TREE OR BRUSH LIMIT
g	EXIST. GAS LINE	○ F	EXIST. BOULDER
catv	EXIST. CABLE LINE	○ F	FOUND IRON PIPE
f.o.	EXIST. FIBER OPTIC LINE	○ F	FOUND MONUMENT
ug coax	EXIST. COAX LINE	○ FIR	FOUND IRON ROD
w	EXIST. WATER MAIN	—	SECTION CORNER
h	EXIST. HYDRANT	—	EXISTING WETLANDS
g	EXIST. GATE VALVE IN BOX	—	PROPOSED AQUITARD
g	EXIST. GATE VALVE IN WELL	—	PROPOSED ROCK SWALE OR OUTLET
r	EXIST. STORM SEWER	—	PROPOSED SAND SEEPAGE BERM
c	EXIST. CATCH BASIN OR INLET	—	PROPOSED BRUSH TOE
—	END SECTION	—	PROPOSED RIFFLE
—	CULVERT	—	PROPOSED LOG VANE
—	EXIST. SANITARY SEWER	—	
—	EDGE OF WATER	—	
—	SIGN	—	
—	FIBER	—	
—	FIBER MARKER	—	
—	TELEPHONE RISER	—	
—	GAS METER	—	
—	POST	—	

**NOTES**

- ALL LONGITUDINAL STATIONING IS ALONG THE CENTERLINE OF THE PROPOSED CHANNEL UNLESS OTHERWISE NOTED ON THE PLANS. THE PROPOSED STREAMBED ELEVATION WILL BE TIED TO EXISTING CHANNEL FEATURES UPSTREAM AND DOWNSTREAM OF EACH REACH WHERE WORK IS PROPOSED. THE PROPOSED STREAMBANK AND BANKFULL ELEVATIONS ARE TIED TO THE PROPOSED CHANNEL FEATURES. TRANSITIONS FROM PROPOSED CHANNEL FEATURES TO EXISTING GROUND WILL BE SMOOTH, ROUNDED, AND EVENLY GRADED.
- FILL PLACED IN EXISTING CHANNEL SECTIONS TO ACHIEVE THE PROPOSED GRADES SHALL BE **COMPACTED BETWEEN 80% AND 85% OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY** DETERMINED IN ACCORDANCE WITH ASTM D1557 (LATEST EDITION) "MODIFIED EFFORT"
- GRADING NEAR THE UPPER SIDE SLOPE BOUNDARIES MAY NEED TO BE ADJUSTED SLIGHTLY TO ACCOMMODATE EXISTING HARDWOOD TREES, ANOMALIES IN GRADE, OR OTHER SITE CONSTRAINT TO ACHIEVE STABLE SIDE SLOPES.
- THE CONTRACTOR SHALL PROTECT AND MINIMIZE IMPACTS TO EXISTING NATIVE VEGETATION AND/OR WETLANDS DURING CONSTRUCTION.
- VEHICLE ACCESS AND DISTURBANCE SHALL BE LIMITED TO APPROVED ACCESS, HAUL ROADS, AND STAGING AREAS UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE OWNER. PRELIMINARY ACCESS ROUTES ARE SHOWN ON THE PLANS. THE CONTRACTOR SHALL MAKE THEIR OWN DETERMINATION OF SIZE AND QUANTITY OF CONSTRUCTION MATS THAT MAY BE NECESSARY BASED ON THEIR MEANS AND METHODS AT NO ADDITIONAL COST.
- ANY LOCALIZED AREAS WHERE THE STREAMBANK MATERIAL CONSISTS OF CLAY TILL ALONG PROPOSED CHANNEL ALIGNMENT MAY NEED TO BE OVER-EXCAVATED AND FILLED WITH ADDITIONAL STONE AS DIRECTED IN THE FIELD.

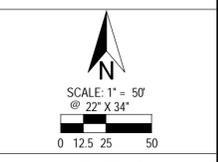
**TREE PROTECTION NOTES**

- THE VALLEY GRADING MAY REQUIRE LOCALIZED ADJUSTMENTS WHERE TREES ON THE LOW TERRACE ARE FLAGGED FOR PROTECTION NEAR THE GRADING IN LIMITS. STEEPEN THE GRADE (1:1 MAX.) AROUND THE DRIP LINE OF THE PROTECTED TREE. STABILIZE THE AREA WITH A 3 FT HIGH STONE WALL USING ROCK SWALE MATERIALS OVER A 6"-8" THICK GRAVEL FILTER LAYER.

**BELL BRANCH RESTORATION AT BLUEGRASS PARK**

ECT PROJECT No.:	230320
DESIGNED BY:	RM
DRAWN BY:	MK
CHECKED BY:	CH
APPROVED BY:	
STATUS:	
FINAL DESIGN	03-08-2024
REVISIONS:	
ADDENDUM 1:	03-29-2024

**PROPOSED CONDITIONS - OVERALL**



3/29/2024 9:45 AM by Maria Kuentzer