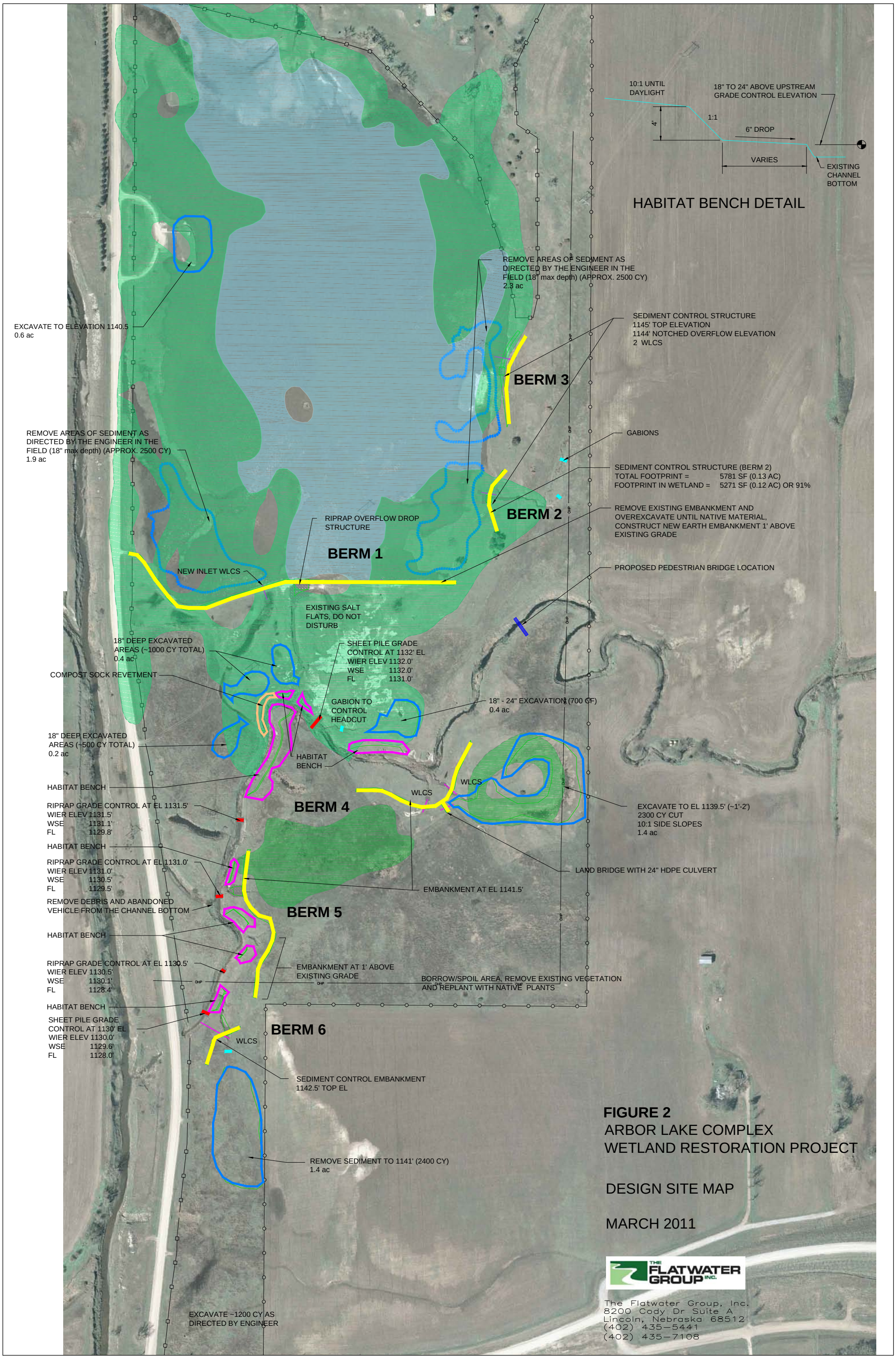
10:1 UNTIL DAYLIGHT
18" TO 24" ABOVE UPSTREAM GRADE CONTROL ELEVATION
1:1
4'
6" DROP
VARIES
EXISTING CHANNEL BOTTOM
HABITAT BENCH DETAIL
REMOVE AREAS OF SEDIMENT AS DIRECTED BY THE ENGINEER IN THE FIELD (18" max depth) (APPROX. 2500 CY) 2.3 ac
EXCAVATE TO ELEVATION 1140.5 0.6 ac
SEDIMENT CONTROL STRUCTURE 1145' TOP ELEVATION 1144' NOTCHED OVERFLOW ELEVATION 2 WLCS
BERM 3
GABIONS
REMOVE AREAS OF SEDIMENT AS DIRECTED BY THE ENGINEER IN THE FIELD (18" max depth) (APPROX. 2500 CY) 1.9 ac
SEDIMENT CONTROL STRUCTURE (BERM 2)
TOTAL FOOTPRINT = 5781 SF (0.13 AC)
FOOTPRINT IN WETLAND = 5271 SF (0.12 AC) OR 91%
BERM 2
REMOVE EXISTING EMBANKMENT AND OVEREXCAVATE UNTIL NATIVE MATERIAL, CONSTRUCT NEW EARTH EMBANKMENT 1' ABOVE EXISTING GRADE
RIPRAP OVERFLOW DROP STRUCTURE
BERM 1
PROPOSED PEDESTRIAN BRIDGE LOCATION
NEW INLET WLCS
EXISTING SALT FLATS, DO NOT DISTURB
18" DEEP EXCAVATED AREAS (~1000 CY TOTAL) 0.4 ac
SHEET PILE GRADE CONTROL AT 1132' EL
WIER ELEV 1132.0'
WSE 1132.0'
FL 1131.0'
COMPOST SOCK REVETMENT
GABION TO CONTROL HEADCUT
18" - 24" EXCAVATION (700 CY) 0.4 ac
18" DEEP EXCAVATED AREAS (~500 CY TOTAL) 0.2 ac
HABITAT BENCH
HABITAT BENCH
WLCS
WLCS
RIPRAP GRADE CONTROL AT EL 1131.5'
WIER ELEV 1131.5'
WSE 1131.1'
FL 1129.8'
BERM 4
EXCAVATE TO EL 1139.5' (~1'-2')
2300 CY CUT
10:1 SIDE SLOPES
1.4 ac
HABITAT BENCH
RIPRAP GRADE CONTROL AT EL 1131.0'
WIER ELEV 1131.0'
WSE 1130.5'
FL 1129.5'
LAND BRIDGE WITH 24" HDPE CULVERT
EMBANKMENT AT EL 1141.5'
REMOVE DEBRIS AND ABANDONED VEHICLE FROM THE CHANNEL BOTTOM
BERM 5
HABITAT BENCH
RIPRAP GRADE CONTROL AT EL 1130.5'
WIER ELEV 1130.5'
WSE 1130.1'
FL 1128.4'
EMBANKMENT AT 1' ABOVE EXISTING GRADE
BORROW/SPOIL AREA, REMOVE EXISTING VEGETATION AND REPLANT WITH NATIVE PLANTS
HABITAT BENCH
SHEET PILE GRADE CONTROL AT 1130' EL
WIER ELEV 1130.0'
WSE 1129.6'
FL 1128.0'
BERM 6
WLCS
SEDIMENT CONTROL EMBANKMENT 1142.5' TOP EL
REMOVE SEDIMENT TO 1141' (2400 CY) 1.4 ac
EXCAVATE ~1200 CY AS DIRECTED BY ENGINEER
FIGURE 2
ARBOR LAKE COMPLEX
WETLAND RESTORATION PROJECT
DESIGN SITE MAP
MARCH 2011
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