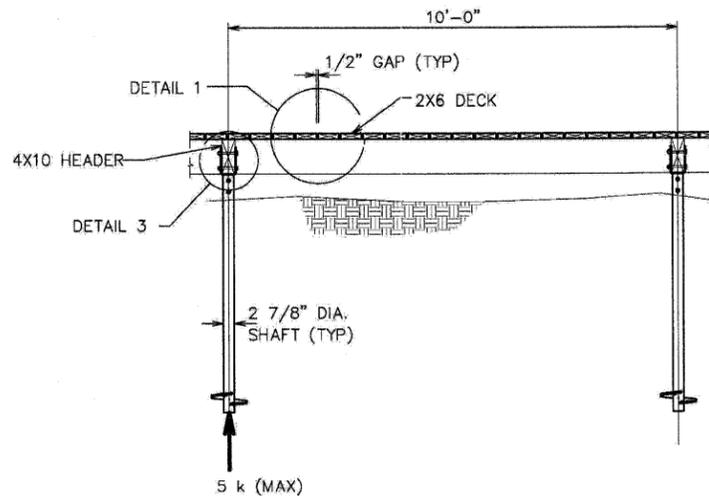
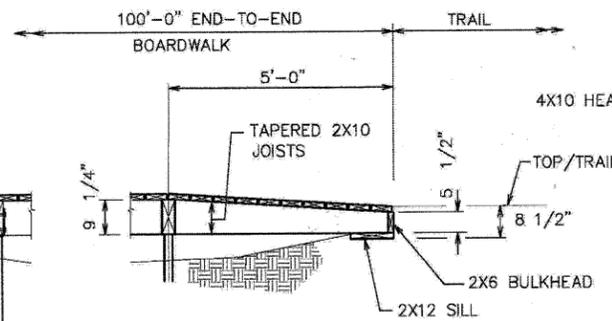


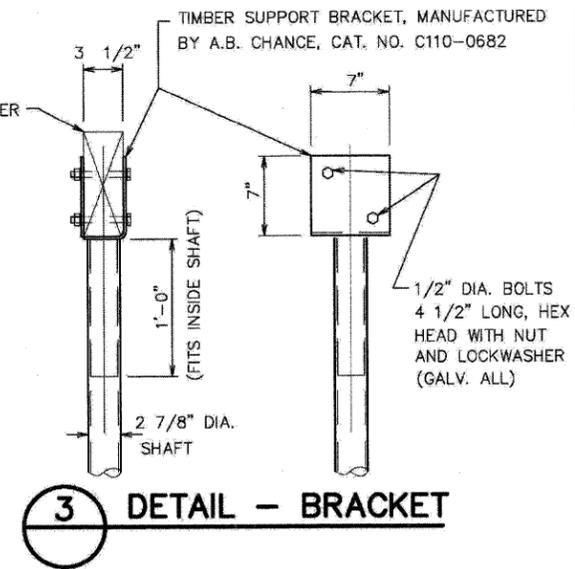
DETAIL - BOARDWALK



SECTION - TYPICAL SPAN



SECTION - END SPANS



DETAIL - BRACKET

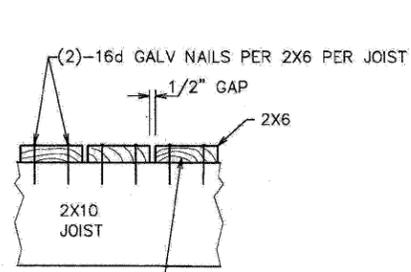
BOARDWALK STRUCTURAL NOTES

- DESIGN LOADS:
DEAD LOAD = 10 PSF
LIVE LOAD = 85 PSF
- TIMBER: PRESSURE TREATED SOUTHERN YELLOW PINE OR DOUGLAS FIR, SELECT STRUCTURAL WITH MINIMUM F_b = 1200 PSI.

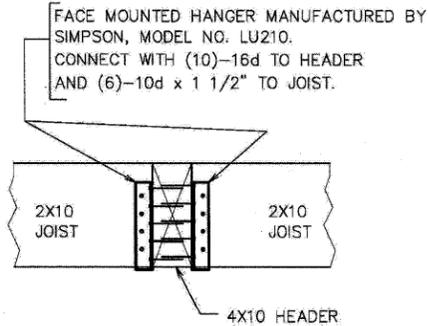
PRESERVATIVE AND TREATMENT PROCESS IN ACCORDANCE WITH AMERICAN WOOD PRESERVERS ASSOCIATION (AWPA). ALL PRESSURE TREATED TIMBER COMPONENTS SHALL BE FREE OF ARSENIC AND SHALL HAVE AN APPROPRIATE ALKALINE COPPER QUATERNARY (ACQ) FORMATION FOR THE SELECTED WOOD MATERIALS WITH MINIMUM RETENTION OF 0.25 LBS/C.F. (ABOVE GROUND) AND 0.40 LBS/C.F. (BELOW GROUND).

FOR INFORMATION ON JOIST HANGERS, REFER TO CATALOGS PUBLISHED AT WEBSITE <http://www.simpsonanchors.com>
- GALVANIZE ALL STEEL.
- HELICAL PIERS SHALL BE DESIGNED AND INSTALLED TO SUPPORT THE BOARDWALK TO SUPPORT A 5 KIP SERVICE LOAD WITH A MINIMUM FACTOR OF SAFETY OF 2. THE CONTRACTOR SHALL SUBMIT SIGNED SHOP DRAWINGS, DESIGN CALCULATIONS AND INSTALLATION PROCEDURES FROM THE MANUFACTURER, FOR APPROVAL PRIOR TO INSTALLATION.

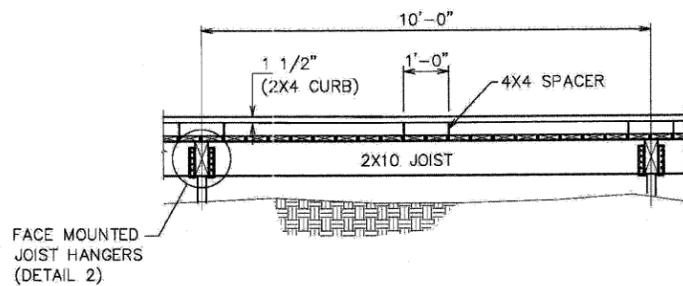
FOR INFORMATION ON HELICAL PILES, REFER TO CATALOGS AT WEBSITE <http://www.abchance.com>



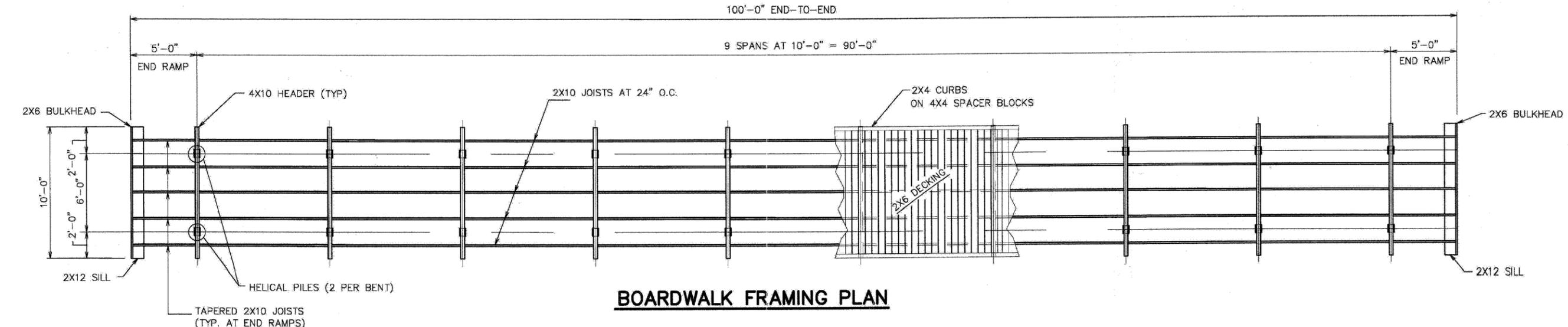
DETAIL



DETAIL - HANGERS



ELEVATION - SHOWING CURB



BOARDWALK FRAMING PLAN

FILE NAME = M:\Projects\2011\110131_Supermarket\2A\Boardwalk\110131.dgn

<p>McDonough Associates Inc. Engineers / Architects 130 East Randolph Street Chicago, Illinois 60601 312 946-8600</p>	USER NAME = nparr18	DESIGNED - KJH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MCLEAN BLVD ENVIRONMENTAL ADAPTIVE MANAGEMENT PLANS BOARDWALK STRUCTURE DETAILS			F.A.P. RTE. 361	SECTION 06-00214-11-LS	COUNTY KANE	TOTAL SHEETS 54	SHEET NO. 38
	PLOT SCALE =	CHECKED - KJH	REVISED -		SCALE: SHEET NO. 38 OF 54 SHEETS STA. TO STA.			CONTRACT NO.63638				
	PLOT DATE = 8/30/2011	DATE - 8/29/11	REVISED -					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				