

LEGEND	
EXISTING	PROPOSED
ROAD	ROAD
PROPERTY LINE	RIGHT-OF-WAY LINE
ABUTTERS PROPERTY LINE	EASEMENT
PROPERTY SETBACK	CL ALIGNMENT
INDEX CONTOUR	INTERMEDIATE CONTOUR
BITUMINOUS PAVEMENT	GRAVEL
STORM DRAIN MANHOLE	STORM DRAIN LINE
WATERLINE	HYDRANT
OVERHEAD UTILITY	UNDERGROUND UTILITY
UTILITY POLE	GUARD RAIL
	RIPRAP

**CUT AND FILL BREAKDOWN:**

STOCKPILES ON-SITE AS OF 10/22/2020 PER DRONE FLIGHT  
 TOTAL CUT: 30,100± CUBIC YARDS (ASSUMED REMOVED FROM SITE)

FIRE POND EXCAVATION  
 TOTAL CUT: 50,670± CUBIC YARDS

SITE GRADING (DISREGARDING STOCKPILES)  
 TOTAL CUT: 7,320± CUBIC YARDS  
 TOTAL FILL: 17,360± CUBIC YARDS

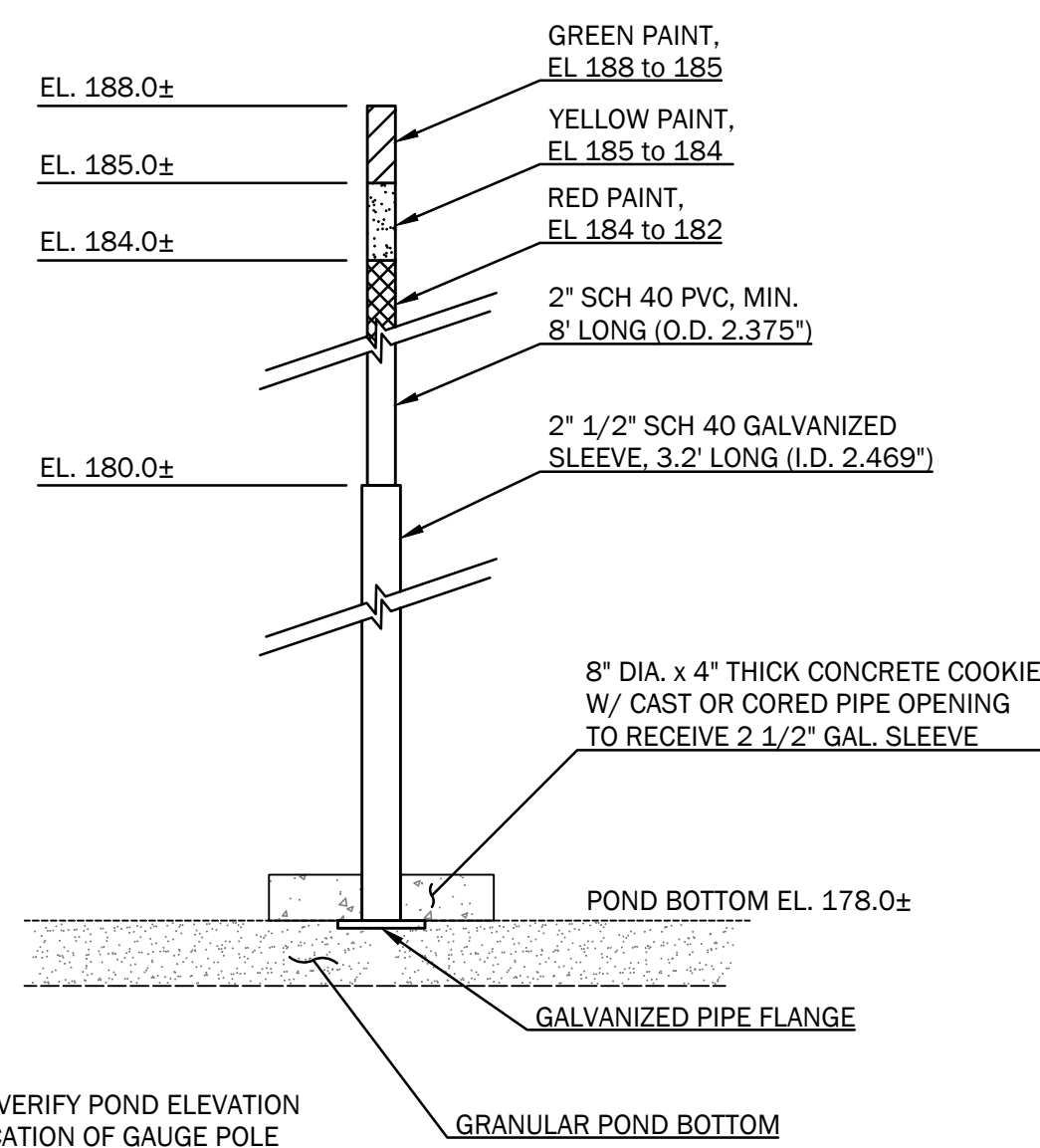
TOTAL SITE CHANGES (STOCKPILES NOT INCLUDED)  
 TOTAL CUT: 57,990± CUBIC YARDS  
 TOTAL FILL: 17,360± CUBIC YARDS  
 NET CUT: 40,630± CUBIC YARDS

ROAD CONSTRUCTION VOLUMES (NOT INCLUDED IN TOTAL SITE CALCULATIONS)  
 1.5" OF 9.5MM PAVEMENT: 329 TONS  
 2" OF 19.0MM PAVEMENT: 438 TONS  
 3" OF TYPE "A" GRAVEL: 403 YARDS  
 15" TYPE "D" GRAVEL: 2,014 YARDS  
 COMMON BORROW IS BALANCED FOR ROAD CONSTRUCTION ALONE

LOAM FOR SITE: 14,500± YARDS (NOT INCLUDED IN TOTAL SITE CALCULATIONS)

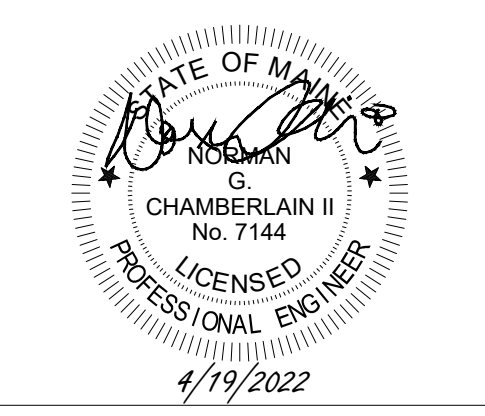
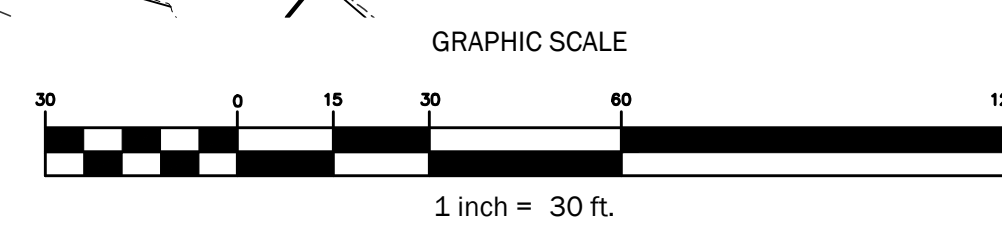
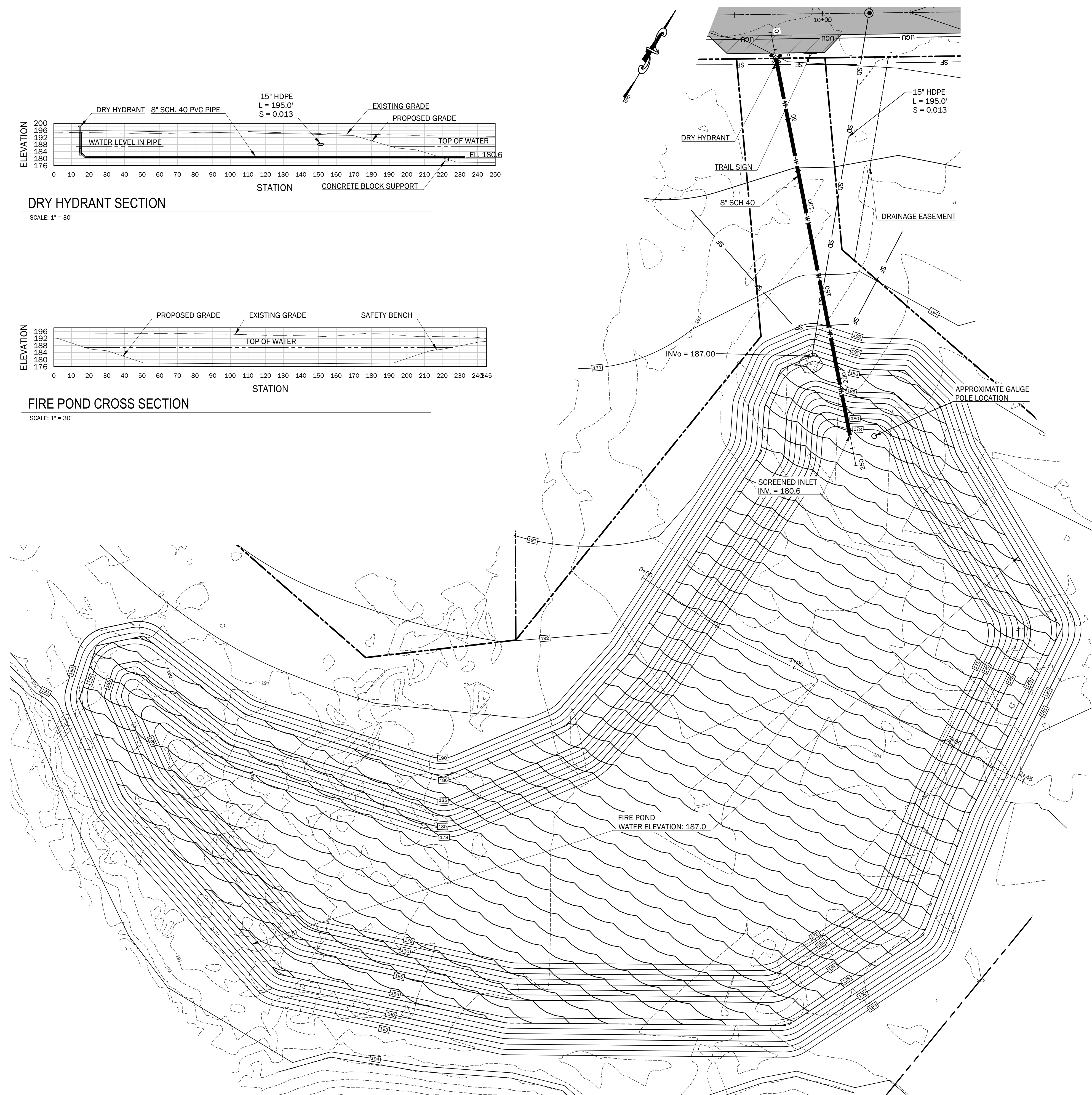
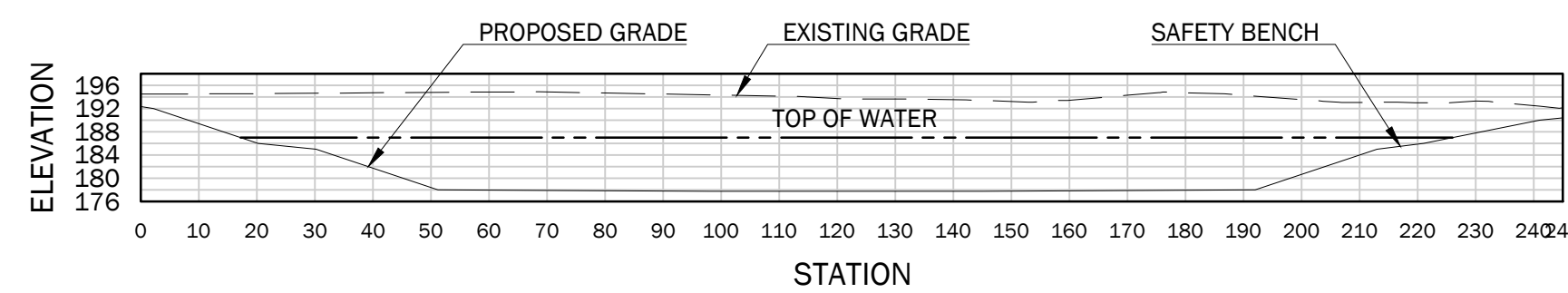
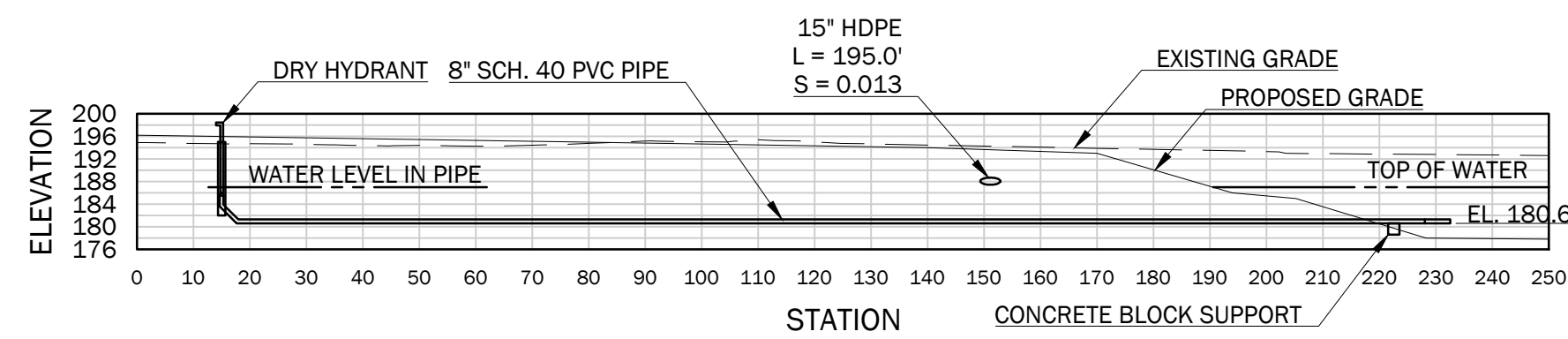
**FIRE POND VOLUME:**

BOTTOM ELEVATION: 178.0  
 BOTTOM AREA: 55,520 Sq. Ft.  
 PERMANENT POOL ELEVATION: 187.0  
 DRY HYDRANT PIPE ELEVATION: 180.6  
 TOTAL POND VOLUME (EL. 176 - 187): 676,202 Cu. Ft.  
 AVAILABLE VOLUME FOR HYDRANT (EL. 182.5 - 185): 199,535 Cu. Ft. or 1,492,625 GALLONS



NOTE: VERIFY POND ELEVATION AT LOCATION OF GAUGE POLE

**1 GAUGE POLE DETAIL**  
 NOT TO SCALE



**PARKER RIDGE SUBDIVISION**  
 QUARRY ROAD  
 PERRY OLIVER ROAD  
 WELLS, MAINE  
 PREPARED FOR:  
**TROY PARKER**  
 183 DROWNING ROAD  
 ARUNDEL, MAINE 04048

ISSUED FOR PERMITTING - NOT FOR CONSTRUCTION

Rev.	Date	Description	Drawn	Check
1	3/24/2021	Updated L&S Lines, Relocated Drainage	JWG	NGC
2	5/24/2021	Updated per Town Comments	JWG	NGC
3	6/16/2021	Updated per Town Comments	JWG	NGC
4	10/22/2021	Added loam & road quantities	JWG	NGC
5	3/17/2022	Updated per Town Comments	JWG	NGC
6	4/19/2022	Updated per Town Comments	JWG	NGC

Sheet Title:  
**POND PLAN**

Job No.: 676 Sheet No.:  
 Date: MAR 18, 2020  
 Scale: 1" = 30'  
 Drawn: MTL/JWG  
 Checked: NGC

**C2.1**