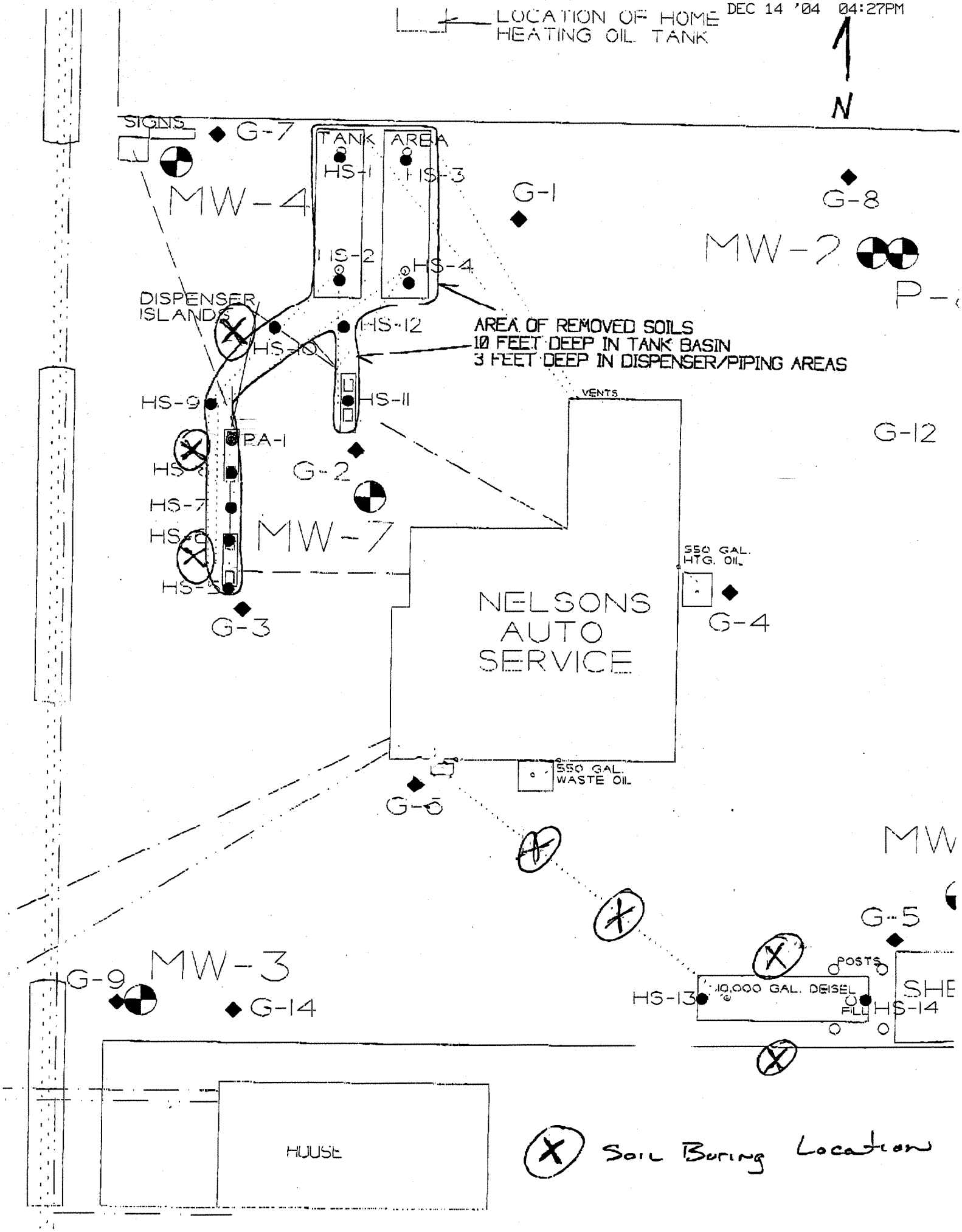
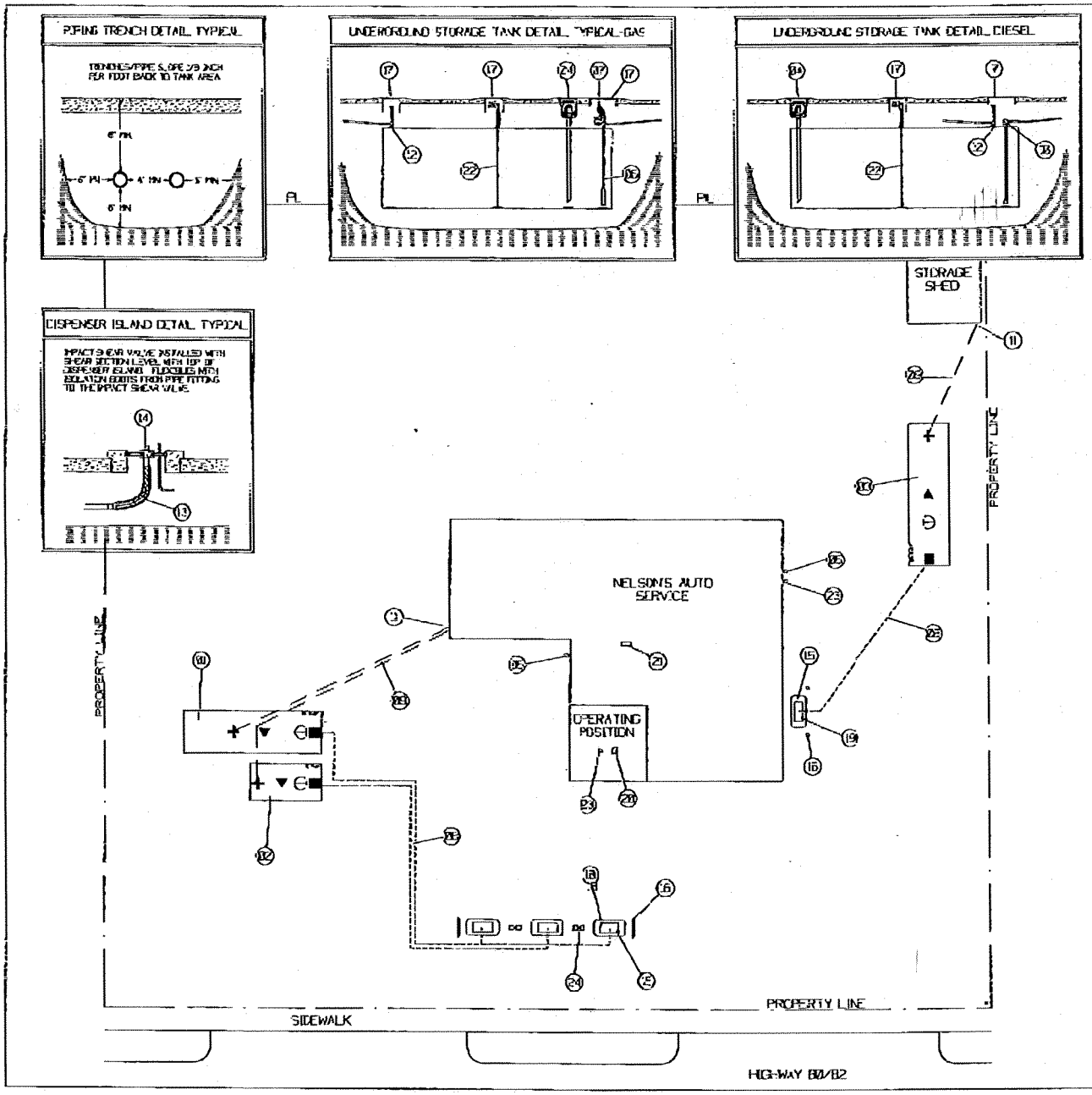

LOCATION OF HOME HEATING OIL TANK
N
SIGNS
G-7
TANK AREA
HS-1
HS-3
MW-4
G-1
G-8
MW-2
HS-2
HS-4
DISPENSER ISLANDS
HS-12
HS-10
AREA OF REMOVED SOILS
10 FEET DEEP IN TANK BASIN
3 FEET DEEP IN DISPENSER/PIPING AREAS
HS-9
HS-11
VENTS
G-12
PA-1
G-2
HS-7
MW-7
550 GAL. HTG. OIL
NELSONS AUTO SERVICE
G-3
G-4
550 GAL. WASTE OIL
G-6
G-5
MW-3
G-9
G-14
POSTS
HS-13
10,000 GAL. DEISEL
FILL
HS-14
HOUSE
Soil Boring Location

- Existing UST System -



METCO
102 ENTERPRISE DRIVE
P.O. BOX 448
HILLSBORO, WI 54634
PHONE: (608) 489-2198
FAX: (608) 489-2389

DATE: 04-4-99
JOB NUMBER: FSI-99-5290

LOCATION:
NELSON AUTO SERVICE
1410 ACADEMY STREET
ELROY, WI 53929
JUNEAU COUNTY

CONTACT: BRIAN NELSON
PHONE: 462-5138

FIRE DEPT: #2905
ELROY FIRE DEPT.

LPO: WESTERN WISCONSIN INSP.
INSPECTOR: BLICK LEAR
PHONE: (715) 633-7671

SCALE: 1 IN = 30 FT
PAGE: 1 OF 1
DRAWN BY: BRIAN HORA

PLAN REVISIONS:
1) Diesel tank location changed
2) New gas dispensers installed instead of the four existing
3) Vent locations changed
4) Two overfill alarms installed instead of one
5) Outside e-stop installed for diesel pump
6) Check valve installed at the tank on the diesel pipeline

N

SCOPE OF WORK REVISION TO PLAN #995800261

Upgrade of an existing retail fueling system including new underground storage tanks, new underground piping, and new automatic tank gauging equipment.

MATERIAL LIST

DWG ID #	ITEM DESCRIPTION	ITEM MANUFACTURER	MODEL NUMBER	WISCONSIN MATL APP. #
01	New 10000 gallon single-wall Sti-P3 unleaded tank, 8x27	Usenco		
02	New 4000 gallon single-wall Sti-P3 premium tank, 8x14	Usenco		
03	New 10000 gallon single-wall Sti-P3 diesel tank, 8x27	Usenco		
04	New 5 gal grade level spill	EBW	705-470-01	
05	New overfill alarm	Esco		
06	Reuse submersibles for both gas systems, diesel is suction	Red Jacket		
07	Reuse flow restrictors	Vaporless	LD-2000	960007-U
08	New 2" single-wall fiberglass underground supply pipe	Smith	1002-069-1	980015-U
09	New 2" single-wall fiberglass underground vent pipe	Smith	1002-069-1	980015-U
10	Suction stub w/ check valve	Morrison Bros		
11	2" vent riser pipe			
12	Vent assembly at tank			
13	New isolated teflon flexibles -15' at dispensers -2' at tank end of supply pipe -2' at each end of vent pipe	Rosenstar	1CPM	970074-U
14	New 15" shear valves -pressure at gas dispensers -suction at diesel pump	OPW	10BFC-5726 10SBFCP-5726	
15	New islands			
16	Island guards			
17	New manholes -30" sq over submersibles and suction stub -18" TM round over tank probes -12" round over vent riser			
18	New gas dispensers	Tokheim		
19	Existing diesel suction pump	Gilbarco		
20	Console			
21	New tank monitor	Enca Whipton	EECO-1500	970083-U
22	New tank probes			
23	Emergency stop switches			
24	Existing island lights			