NOTES

1. Determine actual location of 16" ϕ water main in field. Adjust field inlet, culvert #5, and SD #5 as required, maintaining a 1% minimum slope, to allow crossing of storm drainage over verified existing 16" water main, allowing minimum clearance at 6" at crossing.

2. Provide a 40' long slope transition to existing sewer stub now at sta. 22+74, as follows:
   a) Remove 20' length of pipe from existing stub at sta. 22+74 , and re-lay pipe with +0.14' of pitch (S=0.0070±) to a new invert of 62.07 at sta. 22+74;
   b)Install new 20' length of pipe, with +0.12' pitch (S=0.0060±) from sta. 22+74 (Inv.=62.07) to sta. 23+34 (Inv.=62.20);
   c)Install 162' length of new pipe at slope 0.0030 from sta. 22+34 to new manhole (SMH #3) at sta. 20+90 , Inv.=63.01.

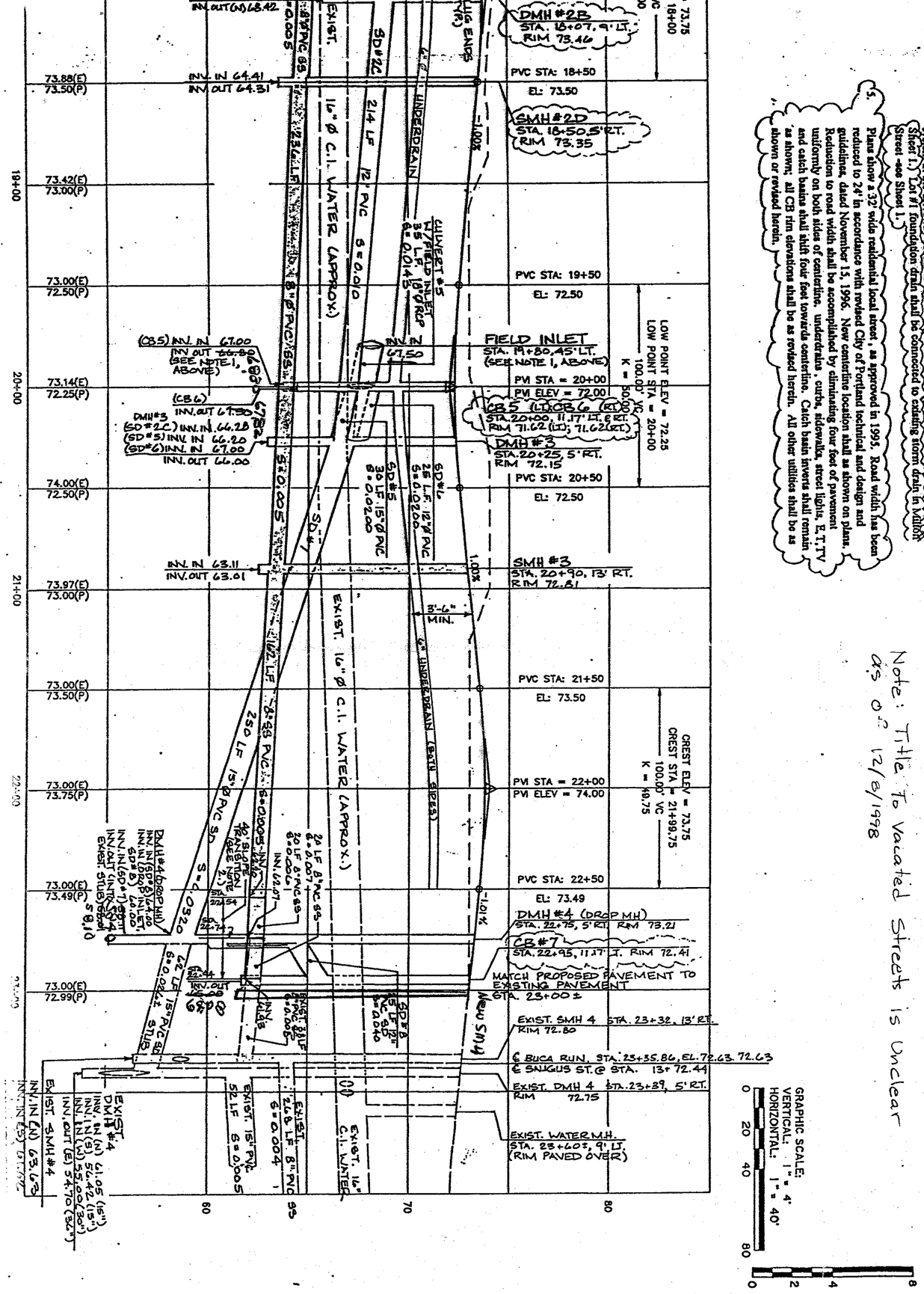
3. Transformer pads shall be located each on one lot entirely, on private property, outside of the public right-of-way. Installations of transformer pads shall be as shown on Detail Sheet 4, at locations as recommended per CMP Co. and utility companies. As a condition for approval of this subdivision, prior to construction, the developer shall coordinate with the utility companies the exact location of transformer pads.

4. All house drain connection laterals shall be fitted with approved backflow prevention devices. Cellar floor and foundation drains shall be connected to the storm drain system in Buca Run. Lot #20 (Sheet 2) foundation drains shall be connected to a storm drain system in the driveway access to lot #22 (portion of Bingham Street to be vacated, Sheet 1.) Lot #1 foundation drain shall be connected to existing storm drain in Milton Street -see Sheet 1.

5. Plans show a 32' wide residential local street, as approved in 1995. Road width has been reduced to 24' in accordance with revised City of Portland technical and design and guidelines, dated November 15, 1996. New centerline location shall as shown on plans. Reduction to road width shall be accomplished by eliminating four feet of pavement uniformly on both sides of centerline. underdrains , curbs, sidewalks, street lights, E.T.TV and catch basins shall shift four feet towards centerline. Catch basin inverts shall remain as shown; all CB rim elevations shall be as revised herein. All other utilities shall be as shown or revised herein.

SEE SHEET 1 FOR UTILITY SERVICE LEADS FOR LOTS 22, 23, & 24, OFF SAUGUS STREET.

Note: Title To Vacated Streets is Unclear as of 12/8/1998


STA. 18+50
PVC STA: 18+50
EL: 73.50
PVC STA: 19+50
EL: 72.50
PVC STA: 20+50
EL: 72.50
PVC STA: 21+50
EL: 73.50
PVC STA: 22+50
EL: 73.49
DMH #2B STA. 15+07, 9' LT. RIM 73.46
SMH #2D STA. 18+50.5' RT. RIM 73.35
FIELD INLET STA. 19+80, 45' LT. (SEE NOTE 1, ABOVE)
CB 5 (LIGHT) (RIM) STA. 20+00, 11.17' LT. & RT. RIM 71.62 (IN); 71.62 (EL)
DMH #3 STA. 20+25, 5' RT. RIM 72.15
SMH #3 STA. 20+90, 13' RT. RIM 72.81
DMH #4 (DROP MH) STA. 22+75, 5' RT. RIM 73.21
CB #7 STA. 22+95, 11.17' LT. RIM 72.41
MATCH PROPOSED PAVEMENT TO EXISTING PAVEMENT STA. 23+00 ±
EXIST. SMH 4 STA. 23+32, 13' RT. RIM 72.80
℄ BUCA RUN, STA. 23+35.86, EL. 72.63, 72.63
℄ SNUGUS ST. @ STA. 13+72.44
EXIST. DMH 4 STA. 23+39, 5' RT. RIM 72.75
EXIST. WATER M.H. STA. 23+40±, 9' LT. (RIM PAVED OVER)
LOW POINT ELEV = 72.25
LOW POINT STA = 20+00
100.00' VC
K = 50.00
CREST ELEV = 73.75
CREST STA = 21+98.75
100.00' VC
K = 49.75
PVI STA = 20+00
PVI ELEV = 72.00
PVI STA = 22+00
PVI ELEV = 74.00
16" ϕ C.I. WATER (APPROX.)
8" ϕ PVC SD
12" PVC
15" ϕ PVC SD
SD #6
SD #5
SD #7
CULVERT #5 W/FIELD INLET 35 LF 18" ϕ RCP S= 0.0143
EXIST. 16" ϕ C.I. WATER
EXIST. 8" ϕ C.I. WATER
EXIST. 12" ϕ C.I. WATER
EXIST. 8" ϕ PVC SD
EXIST. 15" PVC SD
EXIST. 8" PVC SD
EXIST. 8" ϕ C.I. WATER
EXIST. 6" ϕ C.I. WATER
EXIST. 12" ϕ C.I. WATER
EXIST. 16" ϕ C.I. WATER
EXIST. 8" ϕ C.I. WATER
EXIST. 8" ϕ C.I. WATER
EXIST. 8