

NOTE: ROAD RECONSTRUCTION WITH IN SOMERSET, FOX AND FRANKLIN STREETS ARE SHOWN ON THE ASSOCIATED INTERSECTION RECONSTRUCTION ROADWAY PLANS

TEST PITS TO DETERMINE PIPE ELEVATION (TYP.)

SOMERSET STREET  
PAVED - PUBLIC 50' WIDE

REMOVE EXIST CB ABANDON SD PIPE

FOX STREET

FRANKLIN STREET

REMOVE EXISTING OHE LINES, GUY WIRES & UTILITY POLE BY CMP

REMOVE EXISTING CB AND OUTLET PIPE

EXISTING CB2293  
STA., OFF.: +0.0, 0  
RIM: 8.20'  
IE IN: 8" VIT CLAY, 4.1'  
SUMP: 1.70'

REMOVE EXISTING OHE LINES BY CMP

REMOVE 4 RESET CB RIM = 8.25

EXISTING SMH2312  
STA., OFF.: +0.0, 0  
RIM: 9.45'  
IE IN: 30" VIT CLAY, 31'  
IE OUT: 8" PIPE W/ GASCO TRAP, 5.03'  
SUMP: 1.78'  
8" IN. IN=3.5

REMOVE EXISTING OHE LINES BY CMP

EXISTING CB2311  
STA., OFF.: +0.0, 0  
RIM: 8.52'  
IE IN: 8" STEEL, 4.44'  
IE OUT: 8" PIPE W/ GASCO TRAP, 5.03'  
SUMP: 3.27'

REMOVE CB 4 OUTLET PIPE

EXISTING CB2310  
STA., OFF.: +0.0, 0  
RIM: 8.72'  
IE IN: 8" STEEL, 5.01'  
SUMP: 5.20'

REMOVE CB 4 OUTLET PIPE

EXISTING SMH2326  
STA., OFF.: +0.0, 0  
RIM: 10.11'  
IE IN: 48" VIT CLAY, 2.64'  
IE OUT: 48" VIT CLAY, 3.47'  
SUMP: 4.91'

REMOVE EXISTING UTILITY POLE AND OHE LINES BY CMP

EXISTING SMH2325  
STA., OFF.: +0.0, 0  
RIM: 10.33'  
IE IN: 24" VIT CLAY, 3.99'  
IE IN: 8" VIT CLAY, 4.56'  
SUMP: 5.29'

REMOVE EXISTING UTILITY POLE AND OHE LINES BY CMP

EXISTING SMH2325  
STA., OFF.: +0.0, 0  
RIM: 10.33'  
IE IN: 24" VIT CLAY, 3.99'  
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CONSTRUCTION NOTES

1. ALL WORK SHALL CONFORM TO THE APPLICABLE CODES AND ORDINANCES.
2. CONTRACTOR SHALL VISIT THE SITE AND FAMILIARIZE HIM OR HERSELF WITH ALL CONDITIONS AFFECTING THE PROPOSED WORK AND SHALL MAKE PROVISIONS AS TO THE COST THEREOF. CONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARIZING HIM OR HERSELF WITH ALL CONTRACT DOCUMENTS, FIELD CONDITIONS AND DIMENSIONS AND CONFIRMING THAT THE WORK MAY BE ACCOMPLISHED AS SHOWN PRIOR TO PROCEEDING WITH CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO THE COMMENCEMENT OF WORK.
3. CONTRACTOR SHALL NOTIFY ENGINEER OF ALL PRODUCTS OR ITEMS NOTED AS "EXISTING" WHICH ARE NOT FOUND IN THE FIELD.
4. INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND OWNER'S REQUIREMENTS UNLESS SPECIFICALLY OTHERWISE INDICATED OR WHERE LOCAL CODES OR REGULATIONS TAKE PRECEDENCE.
5. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO FABRICATION AND ERECTION OF ANY MATERIAL. ANY UNUSUAL CONDITIONS SHALL BE REPORTED TO THE ATTENTION OF THE ENGINEER.
6. CONTRACTOR SHALL CLEAN AND REMOVE DEBRIS AND SEDIMENT DEPOSITED ON PUBLIC STREETS, SIDEWALKS, ADJACENT AREAS, OR OTHER PUBLIC WAYS DUE TO CONSTRUCTION.
7. CONTRACTOR SHALL INCORPORATE PROVISIONS AS NECESSARY IN CONSTRUCTION TO PROTECT EXISTING STRUCTURES, PHYSICAL FEATURES, AND MAINTAIN SITE STABILITY DURING CONSTRUCTION. CONTRACTOR SHALL RESTORE ALL AREAS TO ORIGINAL CONDITION AND AS DIRECTED BY DESIGN DRAWINGS.
8. SITE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS PRIOR TO CONSTRUCTION.
9. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH "MAINE EROSION AND SEDIMENTATION CONTROL HANDBOOK FOR CONSTRUCTION; BEST MANAGEMENT PRACTICES" PUBLISHED BY THE CUMBERLAND COUNTY SOIL CONSERVATION DISTRICT AND MAINE DEPARTMENT OF ENVIRONMENTAL IMPROVEMENTS SHOWN ON THESE PLANS. IF A UTILITY CONFLICT ARISES, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER, THE MUNICIPALITY AND APPROPRIATE UTILITY COMPANY PRIOR TO PROCEEDING WITH ANY RELOCATION.
10. THE CONTRACTOR IS HEREBY CAUTIONED THAT ALL SITE FEATURES SHOWN HEREON ARE BASED ON FIELD OBSERVATIONS BY THE SURVEYOR AND BY INFORMATION PROVIDED BY UTILITY COMPANIES. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR SHALL CONTACT DIG SAFE (1-888-DIGSAFE) AT LEAST THREE (3) FEET PRIOR TO ANY EXCAVATION OR DEMOLITION TO VERIFY HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITIES.
11. CONTRACTOR SHALL BE AWARE THAT DIG SAFE ONLY NOTIFIES ITS "MEMBER" UTILITIES ABOUT THE DIG. WHEN NOTIFIED, DIG SAFE WILL ADVISE CONTRACTOR OF MEMBER UTILITIES IN THE AREA. CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING AND CONTACTING NON-MEMBER UTILITIES DIRECTLY. NON-MEMBER UTILITIES MAY INCLUDE TOWN OR CITY WATER AND SEWER DISTRICTS AND SMALL LOCAL UTILITIES, AS WELL AS U.S. PUBLIC WORKS SYSTEMS.
12. CONTRACTORS SHALL BE RESPONSIBLE FOR COMPLIANCE WITH THE REQUIREMENTS OF 23 MRS.A 336@-A. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE WITH THE APPROPRIATE UTILITIES TO OBTAIN AUTHORIZATION PRIOR TO RELOCATION OF ANY EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THESE PLANS. IF A UTILITY CONFLICT ARISES, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER, THE MUNICIPALITY AND APPROPRIATE UTILITY COMPANY PRIOR TO PROCEEDING WITH ANY RELOCATION.
13. ALL PAVEMENT MARKINGS AND DIRECTIONAL SIGNAGE SHOWN ON THE PLAN SHALL CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) STANDARDS.
14. ALL PAVEMENT JOINTS SHALL BE SAWCUT PRIOR TO PAVING TO PROVIDE A DURABLE AND UNIFORM JOINT.
15. NO HOLES, TRENCHES OR STRUCTURES SHALL BE LEFT OPEN OVERNIGHT IN ANY EXCAVATION ACCESSIBLE TO THE PUBLIC OR IN PUBLIC RIGHTS-OF-WAY.
16. ALL WORK WITHIN THE PUBLIC RIGHT-OF-WAY SHALL REQUIRE A M.D.O.T. PERMIT AS WELL AS PERMITS FROM THE TOWN AS APPLICABLE.
17. THE PROPOSED LIMITS OF CLEARING SHOWN HEREON ARE APPROXIMATE BASED UPON THE PROPOSED LIMITS OF SITE GRADING. THE APPLICANT RESERVES THE RIGHT TO PERFORM NORMAL FOREST MANAGEMENT ACTIVITIES OUTSIDE OF THE CLEARING LIMIT AS SHOWN. TREE REMOVAL OUTSIDE OF THE CLEARING LIMIT MAY BE NECESSARY TO REMOVE DEAD OR DYING TREES OR TREE LIMBS. THIS REMOVAL IS DUE TO POTENTIAL SAFETY HAZARDS AND TO PROMOTE PROPER FOREST GROWTH.
18. IMMEDIATELY UPON COMPLETION OF CUTS/FILLS, THE CONTRACTOR SHALL STABILIZE DISTURBED AREAS IN ACCORDANCE WITH EROSION CONTROL NOTES AND AS SPECIFIED ON PLANS.
19. THE CONTRACTOR SHALL BE FULLY AND SOLELY RESPONSIBLE FOR THE REMOVAL, REPLACEMENT AND REIFICATION OF ALL DAMAGED AND DEFECTIVE MATERIAL AND WORKMANSHIP IN CONNECTION WITH THE CONTRACT. THE CONTRACTOR SHALL REPLACE OR REPAIR AS DIRECTED BY THE OWNER ALL SUCH DAMAGED OR DEFECTIVE MATERIALS WHICH APPEAR WITHIN A PERIOD OF ONE YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION.
20. ALL WORK PERFORMED BY THE GENERAL CONTRACTOR AND/OR TRADE SUBCONTRACTOR SHALL CONFORM TO THE REQUIREMENTS OF LOCAL, STATE OR FEDERAL LAWS, AS WELL AS ANY OTHER GOVERNING REQUIREMENTS, WHETHER OR NOT SPECIFIED ON THE DRAWINGS.
21. WHERE THE TERMS "APPROVED EQUAL", "OTHER APPROVED", "EQUAL TO", "ACCEPTABLE" OR OTHER GENERAL QUALIFYING TERMS ARE USED IN THESE NOTES, IT SHALL BE UNDERSTOOD THAT REFERENCE IS MADE TO THE RULING AND JUDGMENT OF SEBAGO TECHNIQS, INC.
22. THE GENERAL CONTRACTOR SHALL PROVIDE ALL NECESSARY PROTECTION FOR THE WORK UNTIL TURNED OVER TO THE OWNER.
23. THE GENERAL CONTRACTOR SHALL MAINTAIN A CURRENT AND COMPLETE SET OF CONSTRUCTION DRAWINGS ON SITE DURING ALL PHASES OF CONSTRUCTION FOR USE OF ALL TRADES.
24. THE CONTRACTOR SHALL TAKE FULL RESPONSIBILITY FOR ANY CHANGES AND DEVIATION OF APPROVED PLANS NOT AUTHORIZED BY THE ARCHITECT/ENGINEER AND/OR CLIENT/OWNER.
25. DETAILS ARE INTENDED TO SHOW END RESULT OF DESIGN. ANY MODIFICATION TO SUIT FIELD DIMENSION AND CONDITION SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO ANY WORK.
26. BEFORE THE FINAL ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL REMOVE ALL EQUIPMENT AND MATERIALS, REPAIR OR REPLACE PRIVATE OR PUBLIC PROPERTY WHICH MAY HAVE BEEN DAMAGED OR DESTROYED DURING CONSTRUCTION, CLEAN THE AREAS WITHIN AND ADJACENT TO THE PROJECT WHICH HAVE BEEN OBSTRUCTED BY HIS/HER OPERATIONS, AND LEAVE THE PROJECT AREA NEAT AND PRESENTABLE.
27. ALL SUBSURFACE UTILITY LINES SHOWN HEREON ARE BASED SOLELY ON THE FIELD LOCATION OF VISIBLE STRUCTURES, SHIM'S, CB'S, HYDRANTS, ETC. IN CONJUNCTION WITH DESIGN AND/OR AS-BUILT PLANS SUPPLIED TO CONTRACTOR. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION, DEPTH AND MATERIAL OF ALL SUBSURFACE UTILITY LINES SHOWN HEREON AND ANY AND ALL OTHERS LOCATED ON SITE WITHIN THE CONSTRUCTION AREA.
28. EXISTING SEWER, STORM DRAIN, WATER, GAS AND ELECTRICAL SERVICES TO THE EXISTING BUILDINGS THAT ARE TO BE DEMOLISHED SHALL BE ABANDONED IN ACCORDANCE WITH THE UTILITY COMPANY OR CITY OF PORTLAND REQUIREMENTS.
29. DOWN STREAM DEFENDER SIZING BASED ON ONE YEAR STORM PEAK FLOW OF DD#1 = 140 CFS.

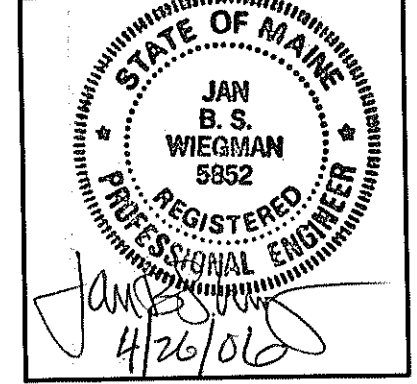
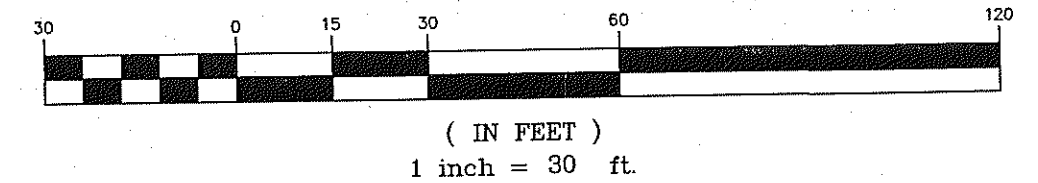
LEGEND

EXISTING	DESCRIPTION	PROPOSED
---	PROPERTY/ROW	---
▨	BUILDING	▨
—	SIGN	—
—	EDGE PAVEMENT	—
—	CURBLINE	—
⊙ B-9	BORING	⊙ B-9
---	CONTOURS	---
6" G	GAS	6" G
8" W	WATER	8" W
8" S	SEWER	8" S
12" SD	STORM DRAIN	12" SD
OHE	OVERHEAD ELEC. & TEL.	OHE 4T
UGE	UNDERGROUND ELEC. & TEL.	UGE 4T
⊠	TRANSFORMER PAD	⊠
⊠	GATE VALVE	⊠
⊠	LIGHT POLE	⊠
⊠	UTILITY POLE	⊠
⊠	HYDRANT	⊠
⊠	CATCH BASIN	⊠
⊠	MANHOLE	⊠
⊠	SPOT GRADE	+ 3@20
⊠	CHAIN LINK FENCE	⊠
⊠ TP-A	TEST PIT	⊠ TP-A

LIGHTING LEGEND

- PFM-H25-V5-F  
250W MH  
2 luminaires per location, candelas file 'L5200PFX.ies'  
1 lamp(s) per luminaire, 21000 initial lumens per lamp  
Light Loss Factor = 0.720, watts per luminaire = 295  
Outreach (from mounting axis to photometric center) = 24 in  
number locations= 6, number luminaires= 12  
kw all locations= 3.5
- PFM-H25-V4-F-HS  
250W MH  
candelas file 'L9276PFX.ies'  
1 lamp(s) per luminaire, 21000 initial lumens per lamp  
Light Loss Factor = 0.720, watts per luminaire = 295  
Outreach (from mounting axis to photometric center) = 24 in  
number locations= 3, number luminaires= 3  
kw all locations= 0.9
- WD18x4/250MHxxx/xx  
250W MH  
candelas file 'Wh425m.ies'  
1 lamp(s) per luminaire, 21000 initial lumens per lamp  
Light Loss Factor = 0.720, watts per luminaire = 295  
number locations= 2, number luminaires= 2  
kw all locations= 0.5  
Occurrences= 2 at mounting height 20 ft
- PFM-H25-V5-F  
250W MH  
candelas file 'L5200PFX.ies'  
1 lamp(s) per luminaire, 21000 initial lumens per lamp  
Light Loss Factor = 0.720, watts per luminaire = 295  
Outreach (from mounting axis to photometric center) = 24 in  
number locations= 1, number luminaires= 1  
kw all locations= 0.3

GRAPHIC SCALE



REV.	DATE	BY	STATUS
3	04-24-06	JBSW	REVISED SITE GRADING PER ROADWAY PLANS
2	04-19-06	JBSW	REVISED SITE GRADING AND UTILITIES
1	04-04-06	JBSW	CONSTRUCTION UPDATE

THIS PLAN SHALL NOT BE MODIFIED WITHOUT WRITTEN PERMISSION FROM SEBAGO TECHNIQS, INC. ANY ALTERATIONS, AUTHORIZED OR OTHERWISE, SHALL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO SEBAGO TECHNIQS, INC.

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PROJECT NO. FIELD BOOK DESIGN CHKD DRAWN  
04187 JBSW NUS SAB

GRADING AND UTILITY PLAN  
OF  
**SOMERSET MARKETPLACE**  
FRANKLIN ARTERIAL & FOX STREET  
PORTLAND, MAINE  
FOR  
**FRANKLIN & SOMERSET PORTLAND ME, LLC**  
550 BOWIE ST. 6TH FLOOR  
AUSTIN, TX 78703

DATE SCALE  
10-28-04 1" = 30'

SHEET C-4 041870U