

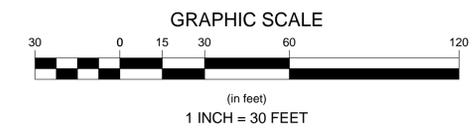
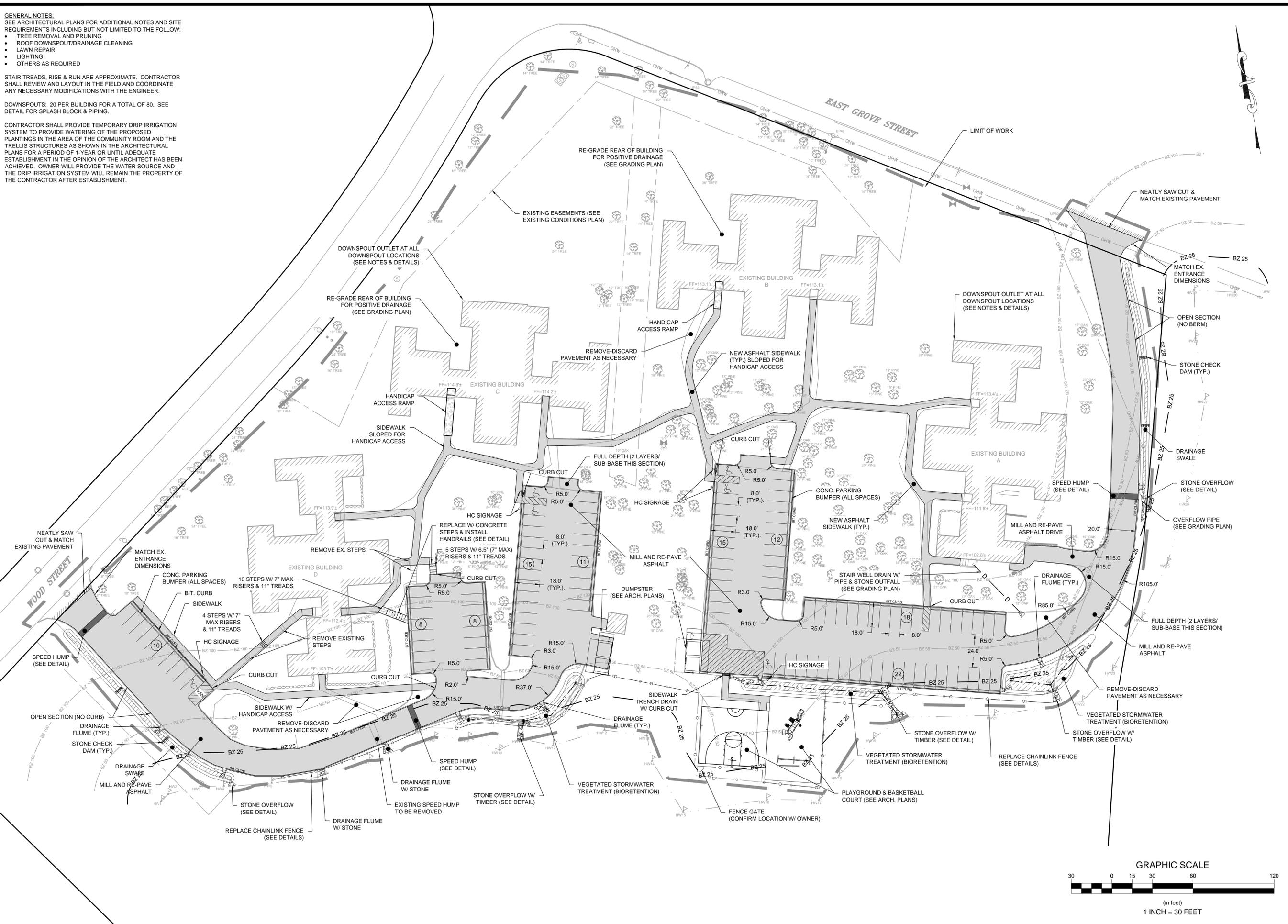
- GENERAL NOTES:
 SEE ARCHITECTURAL PLANS FOR ADDITIONAL NOTES AND SITE REQUIREMENTS INCLUDING BUT NOT LIMITED TO THE FOLLOWO:
 • TREE REMOVAL AND PRUNING
 • ROOF DOWNSPOUT/DRAINAGE CLEANING
 • LAWN REPAIR
 • LIGHTING
 • OTHERS AS REQUIRED

STAIR TREADS, RISE & RUN ARE APPROXIMATE. CONTRACTOR SHALL REVIEW AND LAYOUT IN THE FIELD AND COORDINATE ANY NECESSARY MODIFICATIONS WITH THE ENGINEER.

DOWNSPOUTS: 20 PER BUILDING FOR A TOTAL OF 80. SEE DETAIL FOR SPLASH BLOCK & PIPING.

CONTRACTOR SHALL PROVIDE TEMPORARY DRIP IRRIGATION SYSTEM TO PROVIDE WATERING OF THE PROPOSED PLANTINGS IN THE AREA OF THE COMMUNITY ROOM AND THE TRELIS STRUCTURES AS SHOWN IN THE ARCHITECTURAL PLANS FOR A PERIOD OF 1-YEAR OR UNTIL ADEQUATE ESTABLISHMENT IN THE OPINION OF THE ARCHITECT HAS BEEN ACHIEVED. OWNER WILL PROVIDE THE WATER SOURCE AND THE DRIP IRRIGATION SYSTEM WILL REMAIN THE PROPERTY OF THE CONTRACTOR AFTER ESTABLISHMENT.

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Revisions	Date	By	Appr	Description
1	10/18/13	MJC/JEL		Revised Road Layout
2				
3				
4				
5				

Horsley Witten Group, Inc.
 Sustainable Environmental Solutions
 90 Route 6A
 Sandwich, MA 02563
 Phone: (508) 833-6600
 Fax: (508) 833-3150
 Email: info@hws.com

Checked By: JEL
 Drawn By: MJC
 Designed By: MJC/CAL
 Date: 07-29-2013

Plan Set:
MIDDLEBURY ARMS IMPROVEMENTS
89 EAST GROVE STREET
MIDDLEBOROUGH, MASSACHUSETTS

Plan Title:
PROPOSED SITE PLAN

Prepared For:
Peabody Properties
 536 Granite Street
 Braintree, MA 02184
 Phone: 781 794-1000
 Fax: 781 794-1001

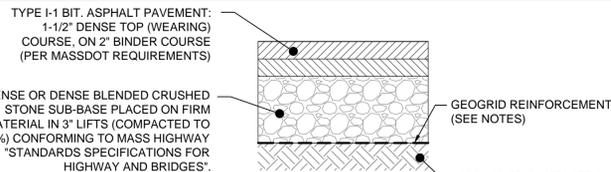
Survey Provided By:
Horsley Witten Group, Inc.
 90 Route 6A
 Sandwich, MA 02563
 Phone: (508) 833-6600
 Fax: (508) 833-3150
 Date: SEPT. 2011

Registration:

Project Number: **11075** Sheet: **4 of 8**

Sheet Number: **C - 4**

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- GENERAL NOTES:**
1. SANDY-LOAM AND/OR LOAMY-SAND TOPSOIL MATERIAL SHALL BE EXCAVATED FROM ALL PAVED AREAS PRIOR TO SUB-BASE INSTALLATION.
 2. SUB-GRADE (EXISTING MATERIAL) SHALL CONSIST OF INERT MATERIAL THAT IS HARD, DURABLE STONE AND/OR COURSE SAND, FREE FROM LOAM AND CLAY TO A DEPTH NOT LESS THAN THE ELEVATION OF THE GEOTEXTILE GRID.
 3. SUBGRADE FILL SHALL BE COMPACTED TO 95% COMPACTION UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
 4. SEE SITE LAYOUT PLAN FOR PAVEMENT WIDTH AND LOCATION.
 5. SEE GRADING PLANS FOR PAVEMENT SLOPE AND CROSS SLOPE.
 6. PRIOR TO INSTALLING THE WEARING COURSE THE EXISTING BINDER COURSE SURFACE SHALL BE SWEEPED COMPLETELY CLEAN BY A STREET SWEEPING MACHINE AND A TACK COAT SHALL BE INSTALLED TO A LEVEL APPROVED BY THE ENGINEER.
 7. GEOGRID REINFORCEMENT SHALL BE TENSAR TX5 OR ENGINEER APPROVED EQUAL INSTALLED IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS.

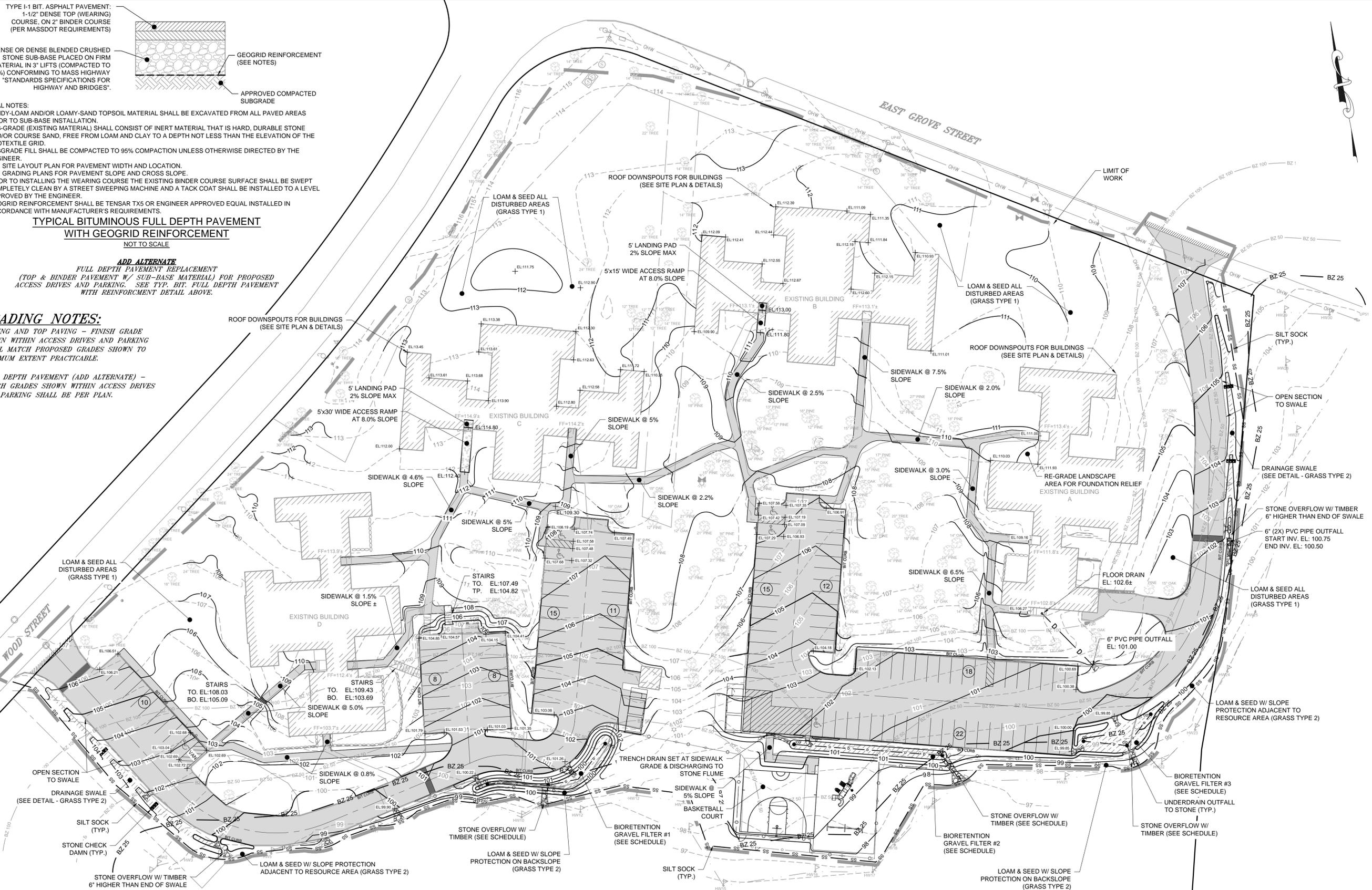
TYPICAL BITUMINOUS FULL DEPTH PAVEMENT WITH GEOGRID REINFORCEMENT
NOT TO SCALE

ADD ALTERNATE
FULL DEPTH PAVEMENT REPLACEMENT (TOP & BINDER PAVEMENT W/ SUB-BASE MATERIAL) FOR PROPOSED ACCESS DRIVES AND PARKING. SEE TYP. BIT. FULL DEPTH PAVEMENT WITH REINFORCEMENT DETAIL ABOVE.

GRADING NOTES:

MILLING AND TOP PAVING - FINISH GRADE SHOWN WITHIN ACCESS DRIVES AND PARKING SHALL MATCH PROPOSED GRADES SHOWN TO MAXIMUM EXTENT PRACTICABLE.

FULL DEPTH PAVEMENT (ADD ALTERNATE) - FINISH GRADES SHOWN WITHIN ACCESS DRIVES AND PARKING SHALL BE PER PLAN.

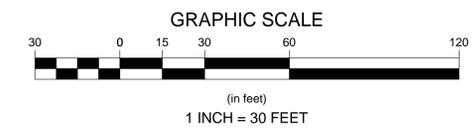


VEGETATED STORMWATER FILTER SCHEDULE:

No.	Bottom Surface Area (sf)	Backslope Top Berm Elevation (ft)	Design Freeboard (ft)	OVF Rim Elevation (ft)	Ponding Depth (ft)	Bottom Elev. (ft)	OVF Type	Depth (ft)	Bottom Pea Gravel (ft)	Min. Stone cover (in.)	Underdrain Pipe Size (in.)	Underdrain Inv (ft)	Length Underdrain (ft)	Slope Underdrain (ft/ft)	Underdrain Inv Out of Bio (ft)	Length of Pipe to Outfall (ft)	Slope Underdrain to Outfall (ft/ft)	Outlet Inv to Outfall (ft)	Bottom Underdrain Stone (ft)	Distal Stone Depth (ft)	Outlet Depth Stone (ft)
1.00	550.00	101.00	0.50	100.50	0.50	100.00	Spillway	1.00	99.00	3.00	4.00	98.38	50.00	0.005	98.13	10.00	0.005	98.08	97.84	0.92	1.17
2.00	630.00	101.25	0.50	100.75	0.50	100.25	Spillway	1.00	99.25	3.00	4.00	98.63	100.00	0.005	98.13	20.00	0.005	98.03	97.84	0.92	1.42
3.00	830.00	100.25	0.50	99.75	0.50	99.25	Spillway	0.75	98.50	3.00	4.00	97.88	30.00	0.005	97.73	10.00	0.005	97.68	97.44	0.92	1.07

Abbreviations: SA Bottom Surface Area, OVF Overflow, Inv Invert

Notes: 1 Bottom elevation = Surface of level treatment area, 2 See pipe schedule for outlet pipe size



<p>Revisions</p> <table border="1"> <tr> <th>No.</th> <th>Date</th> <th>By</th> <th>Appr.</th> <th>Description</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>		No.	Date	By	Appr.	Description					
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<p>Horsley Witten Group, Inc. Sustainable Environmental Solutions 90 Route 6A Sandwich, MA 02563 Phone: (508) 833-6600 Fax: (508) 833-3150 Date: SEPT. 2011</p>											
<p>Project Number: 11075 Sheet: 5 of 8</p>											
<p>Sheet Number: C-5</p>											