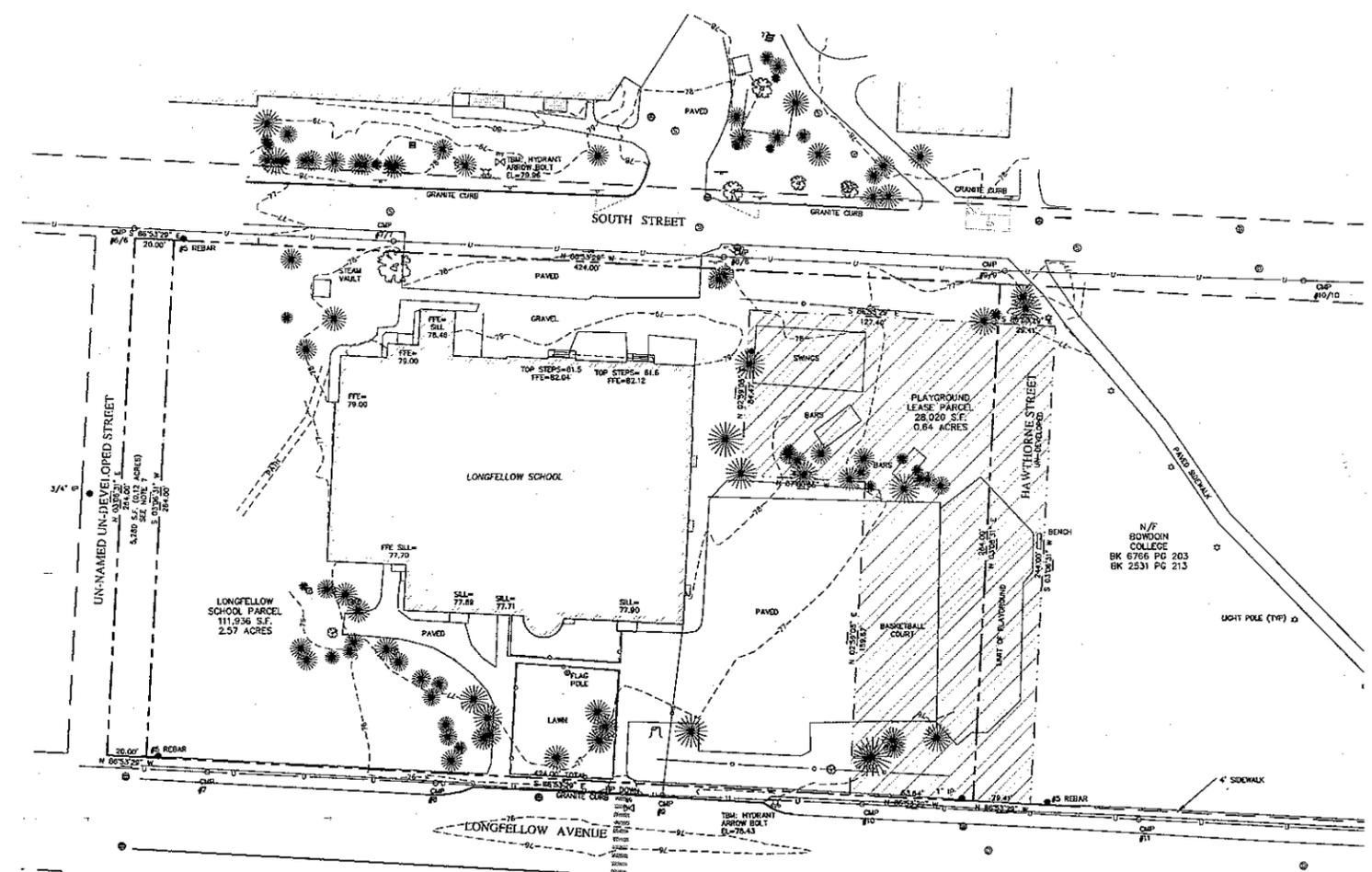


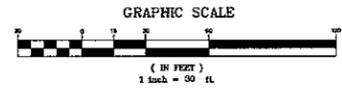
LOCATION MAP
SCALE: 1" = 500'



- NOTES:**
- FILE REFERENCE FOR SURVEYED PARCEL:**
BOOK 1922B, PAGE 242.
 - PLAN REFERENCES:**
A) PLAN ENTITLED "OFF CAMPUS PROPERTIES OF BOWDOIN COLLEGE", DATED OCT. 1966.
B) PLAN ENTITLED "PLAN OF PROPERTY FOR JOSHUA L. CHAMBERLAIN BY J. W. CHAMBERS", DATED JULY 1, 1987 AND RECORDED IN PLAN BOOK 197 PAGE 90.
C) PLAN ENTITLED "STANDARD BOUNDARY SURVEY FOR BOWDOIN COLLEGE, LONGFELLOW AVENUE, BRUNSWICK, MAINE" DATED APRIL 17, 1997, BY DREGO LAND SERVICES, INC.
 - AREA INFORMATION:**
LOTS 14, 15, 16, 17, 18, 40, 41, 42, 43 & 44: 2.27 ACRES (111,936 S.F.)
UN-NAMED STREET: 0.12 ACRES (5,290 S.F.)
 - TAX MAP REFERENCE:**
TAX MAP U-12, LOT 33.
 - BASES OF BEARINGS:**
BEARINGS ARE MAGNETIC (1997) AND ARE BASED ON HAND COMPASS BEARINGS ALONG RANDOM TRAVERSE LINES.
 - ROAD INFORMATION:**
LONGFELLOW STREET IS 60 FEET WIDE. INFORMATION IS TAKEN FROM THE PLAN REFERENCE IN NOTE 2(B) ABOVE.
SOUTH STREET IS ASSUMED AT 40 FEET WIDE. INFORMATION IS TAKEN FROM THE PLAN REFERENCE IN NOTE 2(B) ABOVE. TOWN CLERK'S RECORDS ALSO REFER TO SOUTH STREET BEING 40 FEET WIDE AT CORTY STREET.
HAWTHORNE STREET IS SHOWN AS 41.25' (2.5 ROADS) WIDE AS TAKEN FROM THE PLAN REFERENCE IN NOTE 2(B) ABOVE. THIS PORTION OF HAWTHORNE STREET IS UN-DEVELOPED AND SUBJECT TO THE RIGHTS OF OTHERS AS DESCRIBED IN BOOK 2531, PAGE 213.
UN-NAMED STREET IS ASSUMED AT 40 FEET WIDE. INFORMATION IS TAKEN FROM THE PLAN REFERENCE IN NOTE 2(B) ABOVE.
 - UN-NAMED STREET:**
OWNERSHIP IS ASSUMED TO EXTEND TO THE CENTERLINE OF THE UN-NAMED STREET PER 33 MRS. 469-A, TITLE TO PROPOSED UNACCEPTED WAYS.
 - ELEVATION DATA:**
TOP MPT ON THE HYDRANT ON LONGFELLOW AVENUE PER LONGFELLOW ELEMENTARY SCHOOL PLAN, BY THE DESIGN ALLIANCE, PORTLAND, MAINE, DATED 1997.

- LEGEND**
- MOVEMENT FOUND
 - IRON MARKER FOUND
 - 3/4" REBAR TAPPED WITH AN ALUMINUM CAP READING "BRUCE W. WARDHON - PLS 2137" TO BE SET
 - BOUNDARY LINE OF SURVEYED PARCEL
 - - - BOUNDARY LINE OF ADJUTERS (APPROX.)
 - - - ROAD RIGHT OF WAY LINE (APPROX.)
 - - - COMPUTATIONAL BE LINE
 - ○ ○ ○ ○ STONE WALL (APPROX.)
 - EDGE OF TRAVELLED WAY
 - UTILITY LINE
 - /○/○ UTILITY POLE WITH NUMBER
 - IRON PIPE FOUND
 - IRON ROD FOUND
 - DRILL HOLE
 - △ 4 ARBITRARY TRANSVERSE POINT WITH NUMBER
 - 12, 1001 ARBITRARY COMPUTATIONAL POINT NUMBER
 - BK 10674, PG 197 DEED BOOK & PAGE IN COUNTY REGISTRY OF DEEDS
 - PG 195, PG 130 PLAN BOOK & PAGE IN COUNTY REGISTRY OF DEEDS
 - R/W RIGHT OF WAY
 - N/F NOW OR FORMERLY HELD BY
 - AC ACRES
 - ± MORE OR LESS
 - SEWER MANHOLE
 - LIGHT POLE
 - CATCH BASIN
 - WATER SHUT OFF
 - HYDRANT
 - SIGN
 - WATER VALVE
 - ELEVATION TEMPORARY BOND MARK
 - TEST PIT

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1-888-344-7233
STATE LAW REQUIRES ADVANCE NOTICE OF AT LEAST 3 BUSINESS DAYS BEFORE YOU DIG, GRADE OR EXCAVATE FOR THE MARKING OF UNDERGROUND UTILITIES



SURVEYOR'S CERTIFICATION:
THE PREPARER HEREBY CERTIFIES THAT THIS SURVEY HAS BEEN UNDERTAKEN IN CONFORMANCE WITH THE RULES SET FORTH BY THE BOARD OF LICENSURE FOR PROFESSIONAL LAND SURVEYORS, DATED APRIL 1, 2001, FOR A BOUNDARY SURVEY.

STATE OF MAINE
KENNETH P. CLARK
PLS 2245
DATE: _____
KENNETH P. CLARK, PLS 2245
NOT VALID UNLESS EMBOSSED HERE

Bowdoin

Bowdoin College
Longfellow Arts Building

DATE	SCALE	NO.

SITELINES, PA
ENGINEERS • PLANNERS • SURVEYORS
LANDSCAPE ARCHITECTS
8 CUNSELAND STREET, BRUNSWICK, ME 04011
207.725.1200 www.sitelinespa.com

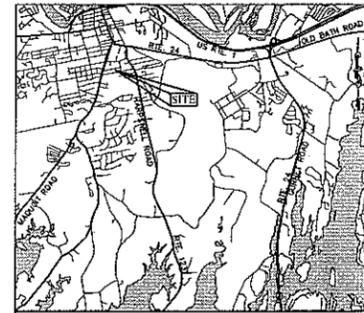
Cambridge Seven Associates, Inc.

Architects and Planners
1036 Massachusetts Avenue
Cambridge, MA 02138
617.452.1200 Fax 617.530.9807

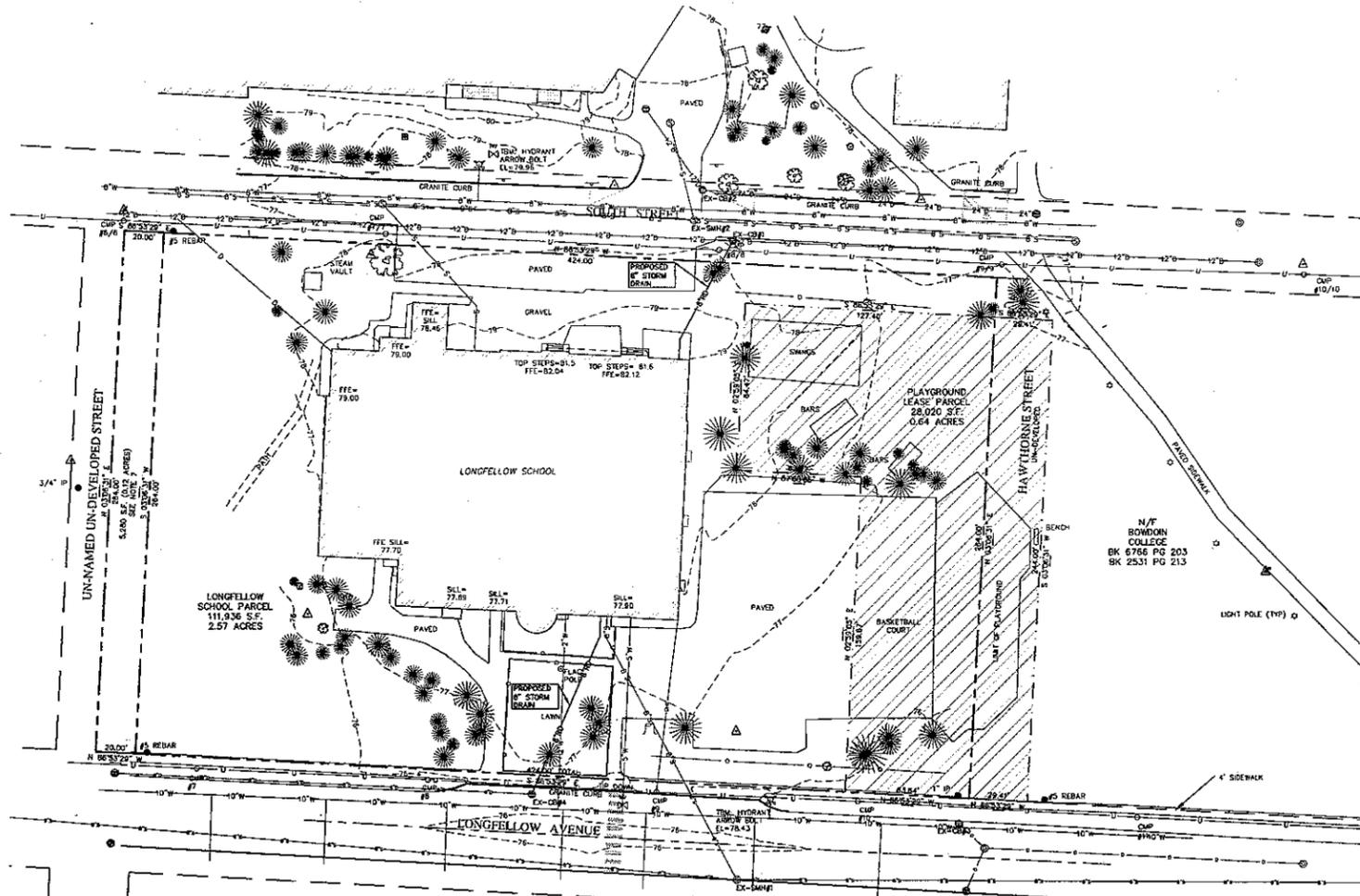
1220
Project: Longfellow Arts Building
Prep. By: Author
Checked: Checker
Date: 2 Oct 2012

Plan No. 714
SURVEY PLAN

C1.1



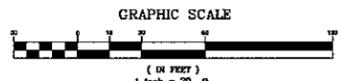
LOCATION MAP
SCALE: 1" = 500'



LEGEND

■	MONUMENT FOUND
●	IRON MARKER FOUND
○	3/8" IRISAN TOPPED WITH AN ALUMINUM CAP READING "BRUCE W. MARRISTON - FLS 2127" TO BE SET
---	BOUNDARY LINE OF SURVEYED PARCEL
- - - -	BOUNDARY LINE OF ADJUTERS (APPROX.)
---	ROAD RIGHT OF WAY LINE (APPROX.)
---	COMPUTATIONAL TIE LINE
○ ○ ○ ○ ○	STONE WALL (APPROX.)
---	EDGE OF TRAVELED WAY
---	UTILITY LINE
○-C-13	UTILITY POLE WITH NUMBER
---P---	IRON PIPE FOUND
---R---	IRON ROD FOUND
○-H-	DRILL HOLE
△-4	ARBITRARY TRAVERSE POINT WITH NUMBER
12, 1001	ARBITRARY COMPUTATIONAL POINT NUMBER
BK 10674, PG 127	DEED BOOK & PAGE IN COUNTY REGISTRY OF DEEDS
PB 155, PG 130	PLAN BOOK & PAGE IN COUNTY REGISTRY OF DEEDS
R/W	RIGHT OF WAY
N/F	NOW OR FORMERLY HELD BY
AC	ACRES
±	MORE OR LESS
○	SEWER MANHOLE
○	LIGHT POLE
○	CATCH BASIN
○	WATER SHUT OFF
○	HYDRANT
○	SIGN
○	WATER VALVE
○	ELEVATION TEMPORARY BENCH MARK
○	TEST PIT

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- NOTES:**
- FILE REFERENCE FOR SURVEYED PARCEL:
BOOK 29229, PAGE 242.
 - PLAN REFERENCES:
A) PLAN ENTITLED "OFF CAMPUS PROPERTIES OF BOWDOIN COLLEGE", DATED OCT. 1966.
B) PLAN ENTITLED "PLAN OF PROPERTY FOR JESSIE L. CHAMBERLAIN BY J. W. GRAYSON", DATED JULY 1, 1907 AND RECORDED IN PLAN BOOK 157 PAGE 38.
C) PLAN ENTITLED "STANDARD BOUNDARY SURVEY FOR BOWDOIN COLLEGE, LONGFELLOW AVENUE, BRUNSWICK, MAINE" DATED APRIL 17, 1997, BY DRINGO LAND SERVICES, INC.
 - AREA INFORMATION:
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UN-NAMED STREET: 0.12 ACRES (5,290 S.F.)
 - TAX MAP REFERENCE:
TAX MAP U-12, LOT 33.
 - SHAPE OF BEARINGS:
BEARINGS ARE MAGNETIC (MAG) AND ARE BASED ON HAND COMPASS BEARINGS ALONG RANDOM TRAVERSE LINES.
 - ROAD INFORMATION:
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 - UN-NAMED STREET:
OWNERSHIP IS ASSUMED TO EXTEND TO THE CENTERLINE OF THE UN-NAMED STREET PER 33 MRS. 409-A, WILE TO PROPOSED UNACCEPTED WAYS.
 - ELEVATION DATA:
TOP NUT ON FIRE HYDRANT ON LONGFELLOW AVENUE PER LONGFELLOW ELEMENTARY SCHOOL PLAN BY THE DESIGN ALLIANCE, PORTLAND, MAINE DATED 1987.

EXISTING CATCH BASIN DATA:

EX-CB#1	RM=75.73
IN/IN=72.13 (FROM 15' WEST)	
IN/OUT=75.00 (TO 15' EAST)	
EX-CB#2	RM=77.12
IN/IN=72.52 (FROM 12' NORTHEAST)	
IN/OUT=73.12 (FROM BLOCKED LINE SOUTH)	
IN/OUT=73.02 (TO 24' EAST)	
EX-CB#3	RM=74.55
IN/OUT=72.49 (TO 12' SOUTHWEST)	
CB FULL OF SLT	
EX-CB#4	RM=75.76
IN/OUT=70.36 (TO 8' WEST)	
CB FULL OF SLT	

EXISTING SEWER MANHOLE DATA:

EX-SM#1	RM=75.56
IN/IN=66.33 (FROM 8' WEST)	
IN/OUT=67.88 (FROM 8' NORTH WEST)	
IN/OUT=66.73 (TO 6' EAST)	
EX-SM#2	RM=77.75
IN/IN=69.84 (FROM 8' WEST)	
IN/IN=69.84 (FROM 8' NORTH WEST)	
IN/OUT=69.04 (TO 6' EAST)	

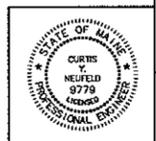
Bowdoin

Bowdoin College
Longfellow Arts Building

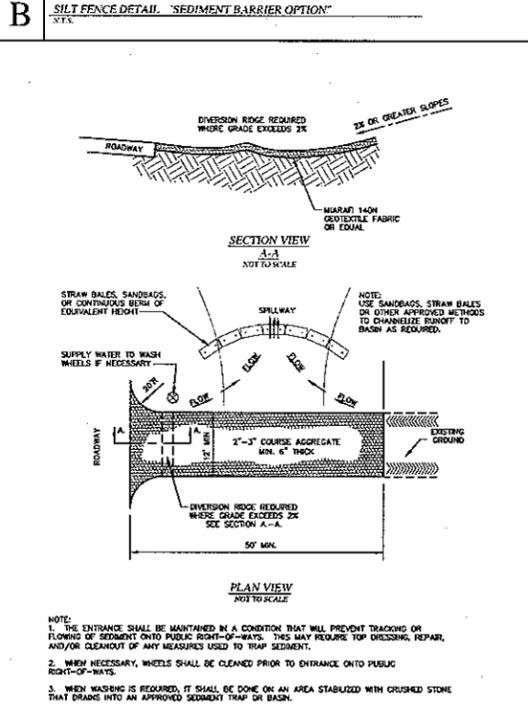
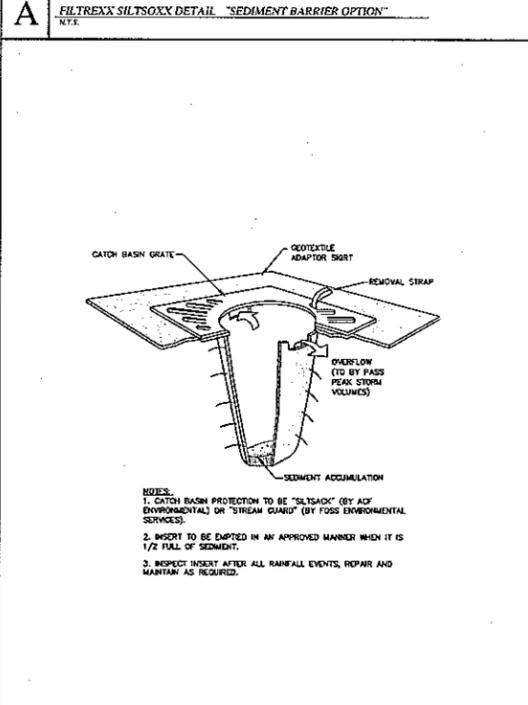
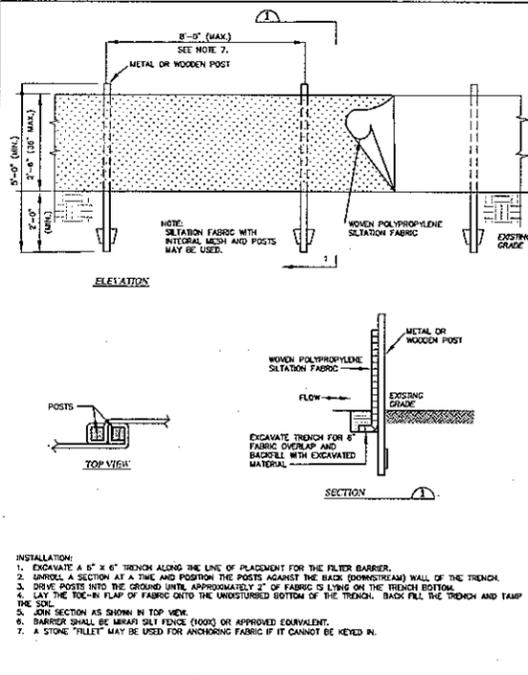
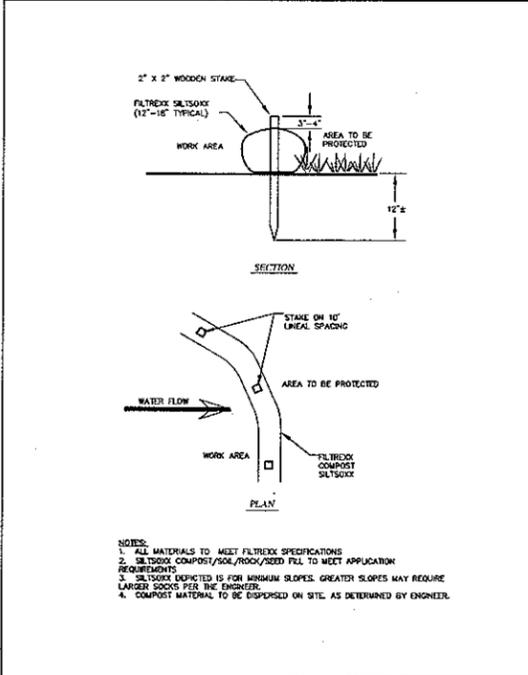
SITELINES, PA
ENGINEERS - PLANNERS - SURVEYORS
LANDSCAPE ARCHITECTS
8 CUMBERLAND STREET, BRUNSWICK, ME 04011
207.725.1200 www.sitelinespa.com

Cambridge Seven Associates, Inc.
Architects and Planners
1650 Massachusetts Avenue
Cambridge, MA 02138
617.452.7004 Fax 452.7007

DATE	1220
PROJECT	Longfellow Arts Building
DESIGNED BY	Author
CHECKED BY	Checker
DATE	2 Oct 2012



SITE UTILITY PLAN
C1.2



EROSION AND SEDIMENTATION NOTES:

1. CONTRACTOR SHALL FOLLOW BEST MANAGEMENT PRACTICES OF THE CUMBERLAND COUNTY SOIL CONSERVATION SERVICE AND THE MAINE DEP BEST MANAGEMENT PRACTICES HANDBOOK.

GENERAL EROSION AND SEDIMENTATION CONTROL PRACTICES:

EROSION/SEDIMENT CONTROL DEVICES:

1. SEDIMENT BARRIER: SILT SOCKS OR APPROVED EQUIV. WILL BE INSTALLED ALONG THE DOWN GRADING EDGES OF DISTURBED AREAS TO TRAP RUNOFF BORN SEDIMENTS UNTIL THE SITE IS STABILIZED. IN AREAS WHERE STORMWATER DISCHARGES THE SEDIMENT BARRIER WILL BE REINFORCED WITH HAY BALES TO HELP MAINTAIN THE INTEGRITY OF THE SEDIMENT BARRIER AND TO PROVIDE ADDITIONAL TREATMENT.
2. HAY BALES: HAY BALES TO BE PLACED IN LOW FLOW DRAINAGE SWALES AND PATHS TO TRAP SEDIMENTS AND REDUCE RUNOFF VELOCITIES. DO NOT PLACE HAY BALES IN FLOWING WATER OR STREAMS.
3. RIPRAP: PROVIDE RIPRAP IN AREAS WHERE CULVERTS DISCHARGE OR AS SHOWN ON THE PLANS.
4. LOAM, SEED, & MULCH: ALL DISTURBED AREAS, WHICH ARE NOT OTHERWISE TREATED, SHALL RECEIVE PERMANENT SEEDING AND MULCH TO STABILIZE THE DISTURBED AREAS. THE DISTURBED AREAS WILL BE REVEGETATED WITHIN 3 DAYS OF FINAL GRADING. SEEDING REQUIREMENTS ARE PROVIDED AT THE END OF THIS SPECIFICATION.
5. STRAW AND HAY MULCH: USED TO COVER DISTURBED AREAS UNTIL PERMANENT SEED OR EROSION CONTROL MEASURES ARE IN PLACE. MULCH BY ITSELF CAN BE USED ON SLOPES LESS THAN 1:1 IN SUMMER AND OR IN WINTER. JUTE MESH IS TO BE USED OVER MULCH ONLY.
6. IN LIEU OF MULCH, USE EROSION CONTROL BLANKET (EQUAL TO NORTH AMERICAN GREEN SCISS) TO STABILIZE AREAS OF CONCENTRATED FLOW AND DRAINAGE WAYS.

TEMPORARY EROSION/SEDIMENTATION CONTROL MEASURES:

PROVIDE THE FOLLOWING TEMPORARY EROSION/SEDIMENTATION CONTROL MEASURES DURING CONSTRUCTION OF THE DEVELOPMENT:

1. SEDIMENT BARRIER ALONG THE DOWNSTREAM SIDE OF THE PARKING AREAS AND OF ALL FILL SECTIONS. THE SEDIMENT BARRIER WILL REMAIN IN PLACE UNTIL THE SITE IS 85% REVEGETATED.
2. HAY BALES PLACED AT KEY LOCATIONS TO SUPPLEMENT THE SEDIMENT BARRIER.
3. PROTECT TEMPORARY STOCKPILES OF STAMPS, GRASSHOPS, OR COMMON EXCAVATION AS FOLLOWS:
 - A. SOIL STOCKPILE: SIDE SLOPES SHALL NOT EXCEED 2:1.
 - B. AVOID PLACING TEMPORARY STOCKPILES IN AREAS WITH SLOPES OVER 10 PERCENT, OR NEAR DRAINAGE SWALES.
 - C. SEE ITEM 3 IN CONSTRUCTION PHASE NOTES BELOW.
 - D. STABILIZE STOCKPILES WITHIN 15 DAYS BY TEMPORARILY SEEDING WITH A HYDROSEED METHOD CONTAINING AN ENRICHED MULCH TACKLING OR BY COVERING THE STOCKPILE WITH MULCH.
 - E. SURROUNDING STOCKPILE SOIL WITH SEDIMENT BARRIER AT BASE OF PILE.
4. ALL DISTURBED AREAS WHICH HAVE BEEN ROUGH GRADED AND ARE NOT LOCATED WITHIN THE BUILDING PAD, OR PARKING AND DRIVEWAY SURFACE AREA SHALL RECEIVE MULCH WITHIN 30 DAYS OF INITIAL DISTURBANCE OF SOIL OR WITHIN 15 DAYS AFTER COMPLETING THE ROUGH GRADING OPERATIONS. IN THE EVENT THE CONTRACTOR COMPLETES FINAL GRADING AND INSTALLATION OF LOAM AND SOO WITHIN THE TIME PERIODS PRESENTED ABOVE, INSTALLATION OF MULCH AND NETTING, WHERE APPLICABLE, IS NOT REQUIRED.
5. IF WORK IS CONDUCTED BETWEEN OCTOBER 15 AND APRIL 15, ALL DISTURBED AREAS ARE TO BE COVERED WITH HAY MULCH APPLIED AT TWICE THE NORMAL APPLICATION RATE, AND ANCHORED WITH FABRIC NETTING. THE PERIOD BETWEEN FINAL GRADING AND MULCHING SHALL BE REDUCED TO A 15 DAY MAXIMUM.
6. TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED ONCE THE SITE HAS BEEN STABILIZED OR IN AREAS WHERE PERMANENT EROSION CONTROL MEASURES HAVE BEEN INSTALLED.

PERMANENT EROSION CONTROL MEASURES:

THE FOLLOWING PERMANENT EROSION CONTROL MEASURES ARE REQUIRED BY THIS EROSION/SEDIMENTATION CONTROL PLAN:

1. ALL AREAS DISTURBED DURING CONSTRUCTION BUT NOT SUBJECT TO OTHER RESTORATION (PAVING, RIPRAP, ETC.) WILL BE LOAMED, LIMED, FERTILIZED AND SEEDDED. NATIVE TOPSOIL SHALL BE STOCKPILED AND REUSED FOR FINAL RESTORATION WHEN IT IS OF SUFFICIENT QUALITY.
2. SLOPES GREATER THAN 2:1 WILL RECEIVE RIPRAP. (NONE ANCHORED)

CONSTRUCTION PHASE:

THE FOLLOWING GENERAL PRACTICES WILL BE USED TO PREVENT EROSION DURING CONSTRUCTION OF THIS PROJECT.

1. ONLY THOSE AREAS UNDER ACTIVE CONSTRUCTION WILL BE CLEARED AND LEFT IN AN UNTREATED OR UNVEGETATED CONDITION. IF FINAL GRADING, LOAMING AND SEEDING WILL NOT OCCUR WITHIN 15 DAYS, SEE ITEM NO. 4.
2. PRIOR TO THE START OF CONSTRUCTION IN A SPECIFIC AREA, SEDIMENT BARRIER AND/OR HAY BALES WILL BE INSTALLED AT THE TOE OF SLOPE AND IN AREAS AS LOCATED ON THE PLANS TO PROTECT AGAINST ANY CONSTRUCTION RELATED EROSION. IMMEDIATELY FOLLOWING CONSTRUCTION OF CULVERTS AND SWALES, RIP RAP APPROX SHALL BE INSTALLED, AS SHOWN ON THE PLANS.
3. TOPSOIL WILL BE STOCKPILED WHEN NECESSARY IN AREAS WHICH HAVE MINIMUM POTENTIAL FOR EROSION AND WILL BE KEPT AS FAR AS POSSIBLE FROM THE EXISTING DRAINAGE COURSE, AND STOCKPILES SHALL BE CLOSER THAN 100' OF A RESERVOIR INCLUDING, BUT NOT LIMITED TO, WETLANDS, STREAMS, AND OPEN WATER BODIES. ALL STOCKPILES SHALL HAVE A SEDIMENT BARRIER BELOW THEM REGARDLESS OF TIME OF PROSESSOR. ALL STOCKPILES EXPECTED TO REMAIN LONGER THAN 15 DAYS SHALL BE:
 - A. TREATED WITH ANCHORED MULCH WITHIN 3 DAYS OF THE LAST DEPOSIT OF STOCKPILED SOIL.
 - B. SEEDDED WITH CONSERVATION MIX AND MULCHED IMMEDIATELY.
 - C. INSTALLED SEDIMENT BARRIER AROUND STOCKPILE AT BASE OF PILE. STOCKPILES TO BE STOCKPILED BARRIER INSTALLED AT TIME OF ESTABLISHMENT AT BASE OF PILE.
4. ALL DISTURBED AREAS EXPECTED TO REMAIN LONGER THAN 30 DAYS SHALL BE EITHER:
 - A. TREATED WITH ANCHORED MULCH IMMEDIATELY, OR
 - B. SEEDDED WITH CONSERVATION MIX OF ANNUAL RYE GRASS (0.9 LBS/1000 SQ. FT.) AND MULCHED IMMEDIATELY.
5. ALL GRADING WILL BE HELD TO A MAXIMUM 2:1 SLOPE WHERE PRACTICAL. ALL SLOPES WILL BE STABILIZED WITH PERMANENT SEEDING, OR WITH STONE, WITHIN 3 DAYS AFTER FINAL GRADING IS COMPLETE. (SEE POST-CONSTRUCTION REVEGETATION FOR SEEDING SPECIFICATIONS.)
6. ALL CULVERTS WILL BE PROTECTED WITH STONE RIPRAP (500 = 4" UNLESS OTHERWISE SPECIFIED) AT INLETS AND OUTLETS.
7. EXISTING TREES REMOVED WITHIN THE LIMITS OF CONSTRUCTION SHALL BE GRINDING AND USED FOR MULCH OR HAULED OFF-SITE TO AN APPROVED FACILITY FOR GRINDING OR OTHER DISPOSAL. STUMPS SHALL ALSO BE GRINDING AND USED FOR MULCH OR REMOVED FROM THE SITE TO AN APPROVED FACILITY FOR GRINDING OR OTHER DISPOSAL. BUILDING OF STUMPS IS PROHIBITED.

EROSION CONTROL DURING WINTER CONSTRUCTION:

1. WINTER CONSTRUCTION PERIOD: NOVEMBER 1 THROUGH APRIL 15.
2. WINTER EXCAVATION AND EARTHWORK SHALL BE COMPLETED SUCH THAT NO MORE THAN 1 ACRE OF THE SITE IS WITHOUT STABILIZATION AT ANY ONE TIME.
3. EXPOSED AREA SHALL BE LIMITED TO THOSE AREAS TO BE MULCHED IN ONE DAY PRIOR TO ANY SNOW EVENT. AT THE END OF EACH WORK WEEK NO AREAS MAY BE LEFT UNSTABILIZED OVER THE WEEKEND.
4. CONTINUATION OF EARTHWORK OPERATIONS ON ADDITIONAL AREAS SHALL NOT BEGIN UNTIL THE EXPOSED SOIL SURFACE ON THE AREA BEING WORKED HAS BEEN STABILIZED, SUCH THAT NO LARGER AREA OF THE SITE IS WITHOUT EROSION CONTROL PROTECTION AS LISTED IN ITEM 2 ABOVE.
5. AN AREA SHALL BE CONSIDERED TO HAVE BEEN STABILIZED WHEN EXPOSED SURFACES HAVE BEEN EITHER MULCHED WITH STRAW OR HAY AT A RATE OF 150 LB. PER 1000 SQ. FT. (WEEK OR WITHOUT SEEDING) OR DOMINANT SEEDED, MULCHED AND ANCHORED SUCH THAT SOIL SURFACE IS NOT MOBILE THROUGH THE WINTER. NOTE: AN AREA IS ALSO CONSIDERED STABLE IF STOCKPILES COVERED WITH GRAVEL (PARKING LOTS) OR STRUCTURAL SAND.
6. BETWEEN THE DATES OF OCTOBER 15 AND APRIL 15, LOAM OR SEED WILL NOT BE REQUIRED. DURING PERIODS OF ABOVE FREEZING TEMPERATURES THE SLOPES SHALL BE FINE GRADED AND EITHER PROTECTED WITH MULCH OR TEMPORARILY SEEDED AND MULCHED UNTIL SUCH TIME AS THE FINAL TREATMENT CAN BE APPLIED. IF THE DATE IS AFTER NOVEMBER 1 AND IF THE EXPOSED AREA HAS BEEN LOAMED, FINAL GRADED WITH A UNIFORM SURFACE, THEN THE AREA MAY BE DOMINANT SEEDDED AT A RATE OF 3 TIMES HIGHER THAN SPECIFIED FOR PERMANENT SEED AND THEN MULCHED. IF CONSTRUCTION CONTINUES DURING FREEZING WEATHER, ALL EXPOSED AREAS SHALL BE CONTINUOUSLY GRADED BEFORE FREEZING AND THE SURFACE TEMPORARILY PROTECTED FROM EROSION BY THE APPLICATION OF MULCH. SLOPES SHALL NOT BE LEFT UNPROTECTED OVER THE WINTER OR ANY OTHER EXTENDED TIME OF WORK SUSPENSION UNLESS RELEASED IN THE ABOVE MANNER. UNTIL SUCH TIME AS WEATHER CONDITIONS ALLOW, DITCHES TO BE FINISHED BY THE PERMANENT SURFACE TREATMENT. EROSION SHALL BE CONTROLLED BY THE INSTALLATION OF BALES OF HAY, SEDIMENT BARRIER OR STONE CHECK DAMS IN ACCORDANCE WITH THE STANDARD DETAILS SHOWN ON THE DESIGN DRAWINGS. NOTE: DOMINANT SEEDING SHOULD NOT BE ATTEMPTED UNLESS SOIL TEMPERATURE REMAINS BELOW 50 DEGREES AND DAY TIME TEMPERATURES REMAIN IN THE 30S.
7. MULCH NETTING SHALL BE USED TO ANCHOR MULCH IN ALL DRAINAGE WAYS, SLOPES GREATER THAN 2:1 FOR SLOPES EXPOSED TO DIRECT WINDS AND FOR ALL OTHER SLOPES GREATER THAN 2:1 VEGETATED DRAINAGE SWALES SHALL BE LINED WITH EXCERDOR OR CURLEX.
8. BETWEEN THE DATES OF OCTOBER 15 TO NOVEMBER 1, WINTER RYE IS RECOMMENDED FOR STABILIZATION. AFTER NOVEMBER 1, WINTER RYE IS NOT EFFECTIVE. AROUND NOVEMBER 15 OR LATER, ONCE TEMPERATURES OF THE AIR AND SOIL PERMIT, DOMINANT SEEDING IS EFFECTIVE.
9. IN THE EVENT OF SHOWAL (FRESH OR EQUVALENT) GREATER THAN 1 INCH DURING WINTER CONSTRUCTION PERIOD ALL SNOW SHALL BE REMOVED FROM THE AREAS OF SEEDING AND MULCHING PRIOR TO PLACEMENT.

SITE INSPECTION AND MAINTENANCE:

1. VISUAL INSPECTIONS, AS WELL AS ROUTINE INSPECTIONS FOLLOWING RAIN FALLS, SHALL BE CONDUCTED BY THE GENERAL CONTRACTOR OF ALL TEMPORARY AND PERMANENT EROSION CONTROL DEVICES UNTIL FINAL ACCEPTANCE OF THE PROJECT (PLUS GRASS GROWTH). NECESSARY REPAIRS SHALL BE MADE TO CORRECT UNDERMINING OR DETERIORATION. FINAL ACCEPTANCE SHALL INCLUDE A SITE INSPECTION TO VERIFY THE STABILITY OF ALL DISTURBED AREAS AND SLOPES. UNTIL FINAL INSPECTION, ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL IMMEDIATELY BE CLEANED, AND REPAIRED BY THE GENERAL CONTRACTOR AS REQUIRED. DISPOSAL OF ALL TEMPORARY EROSION AND CONTROL DEVICES SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
2. SHORT-TERM SEDIMENTATION MAINTENANCE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CLEAN OUT ALL SWALES AND STRUCTURES PRIOR TO TURNING PROJECT OVER.
3. LONG-TERM PROVISIONS FOR PERMANENT MAINTENANCE OF ALL EROSION AND SEDIMENTATION CONTROL DEVICES AFTER ACCEPTANCE OF THE PROJECT SHALL BE THE RESPONSIBILITY OF THE OWNER.

POST-CONSTRUCTION REVEGETATION:

THE FOLLOWING GENERAL PRACTICES WILL BE USED TO PREVENT EROSION AS SOON AS AN AREA IS READY TO UNDERGO FINAL GRADING.

1. A MINIMUM OF 6" OF LOAM WILL BE SPREAD OVER DISTURBED AREAS AND GRADED TO A UNIFORM DEPTH AND NATURAL APPEARANCE, OR STONE WILL BE PLACED ON SLOPES TO STABILIZE SURFACES.
2. IF FINAL GRADING IS REACHED DURING THE NORMAL GROWING SEASON (4/15 TO 9/15), PERMANENT SEEDING WILL BE DONE AS SPECIFIED BELOW. PRIOR TO SEEDING, LIMESTONE SHALL BE APPLIED AT A RATE OF 1.00 LBS/1000 SQ. FT. AND 10 TO 20 FERTILIZER AT A RATE OF 1.84 LBS/1000 SQ. FT. WILL BE APPLIED. BROADCAST SEEDING AT THE FOLLOWING RATES:
 - GRASS SHALL BE: ALLEN, STEELING & LATHROP "TUFFTOP", 70% BROMUS, 30% PLEASURE GRASS PERENNIAL, HYBRID, 50% BROMUS KENTUCKY BLUEGRASS. SEEDING RATE SHALL BE 7.15 LB./1000 SQ. FT.
 - SWALES SHALL BE: MELROSE MEADOW (SEED) FESTUCA OVINA SHEEP FESCUE, SOU AT A RATE OF 12 OZ. PER 1000 SQ. FT., TRIFOLIUM REPENS WHITE CLOVER, SOU AT A RATE OF 1/2 OZ. PER 1000 SQ. FT. (FLOWERS) ACHILLEA MILEFOLIUM YARROW, ANEMONE CANADENSIS COLUMBINE, AGROPYRUS TRIBESE BUTTERFLY MILKWEED, ASTER HOWAE-ANGULAE, RHEUM-BULBOSUM ASTER, BAPTISIA AUSTRALIS MILK WOOD, ERYTHRONIUM ALBUM BUTTERFLY MILKWEED, CHRYSANTHEMUM LEUCANTHEMUM DANCY, DIGITALIS PURPUREA FOXGLOVE, EDWARDSIA PURPUREA PURPLE CONEFLOWER, LUPULUS PERENNIS LUPINE, MONARDA FISTULOSA REDWAGON, PARNASSIA ORIENTALIS ORNITHAL, POPPY, RUSSCOEA WHITE BLACK-HEED SOOTH, SALIX OFFICINALE SAGE, SOU AT A RATE OF 1/3 OZ. EACH PER 1000 SQ. FT. ON 4 OZ. PER 1000 SQ. FT. IN COMBINATION.
3. AN AREA SHALL BE MULCHED IMMEDIATELY AFTER IT HAS BEEN SEEDDED. MULCHING SHALL CONSIST OF HAY MULCH, HYDRO-MULCH, JUTE NET OVER MULCH, PRE-MANUFACTURED EROSION MATS OR ANY SUITABLE SUBSTITUTE DEEMED ACCEPTABLE BY THE ENGINEER.
 - A. HAY MULCH SHALL BE APPLIED AT THE RATE OF 2 TONS PER ACRE. HAY MULCH SHALL BE SECURED BY EITHER:
 - I. BEING DRIVEN OVER BY TRACKED CONSTRUCTION EQUIPMENT ON GRADES OF 5% AND LESS.
 - II. BEING NETTED BY TAPEED PHOTOGRAPHABLE/BROADCASTABLE NETTING, OR WITH SPRAY, ON GRADES GREATER THAN 5%.
 - B. SEE NOTE 8, GENERAL NOTES, AND NOTE 8, WINTER CONSTRUCTION.
 - C. HYDRO-MULCH SHALL CONSIST OF A MIXTURE OF EITHER ASPHALT, WOOD FIBER OR PAPER FIBER AND WATER SPRAYED OVER A SEEDED AREA. HYDRO-MULCH SHALL NOT BE USED BETWEEN 9/15 AND 4/15.
4. CONSTRUCTION SHALL BE PLANNED TO ELIMINATE THE NEED FOR SEEDING BETWEEN SEPTEMBER 15 AND APRIL 15. SHOULD SEEDING BE NECESSARY BETWEEN SEPTEMBER 15 AND APRIL 15 THE FOLLOWING PROCEDURE SHALL BE FOLLOWED. ALSO REFER TO NOTE 8 OF WINTER CONSTRUCTION.
 - A. ONLY UNFROZEN LOAM SHALL BE USED.
 - B. LOAMING, SEEDING AND MULCHING WILL NOT BE DONE OVER SNOW OR ICE COVER, IF SNOW EXISTS, IT MUST BE REMOVED PRIOR TO PLACEMENT OF SEED.
 - C. WHERE PERMANENT SEEDING IS NECESSARY, ANNUAL WINTER RYE (2.6 LBS/1000 SQ. FT.) SHALL BE SOWN INSTEAD OF THE PERVIOUSLY NOTED SEEDING RATE.
 - D. WHERE TEMPORARY SEEDING IS REQUIRED, ANNUAL WINTER RYE (2.6 LBS/1000 SQ. FT.) SHALL BE SPREAD BY MACHINERY. IF ALTERNATIVE HAY MULCH SHALL BE SECURED WITH PHOTOGRAPHABLE/BROADCASTABLE NETTING, TRACKING BY MACHINERY ALONG WILL NOT SUFFICE.
 - E. FERTILIZING, SEEDING AND MULCHING SHALL BE APPLIED TO LOAM THE DAY THE LOAM IS SPREAD BY MACHINERY.
 - F. ALTERNATIVE HAY MULCH SHALL BE SECURED WITH PHOTOGRAPHABLE/BROADCASTABLE NETTING, TRACKING BY MACHINERY ALONG WILL NOT SUFFICE.
5. FOLLOWING FINAL SEEDING, THE SITE WILL BE INSPECTED EVERY 30 DAYS UNTIL 85% COVER HAS BEEN ESTABLISHED. RESEEDING WILL BE CARRIED OUT BY THE CONTRACTOR WITHIN 10 DAYS OF NOTIFICATION BY THE ENGINEER THAT THE EXISTING CATCH IS INADEQUATE.

MONITORING SCHEDULE:

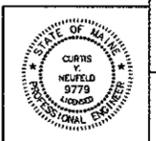
THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING, MONITORING, MAINTAINING, REPAIRING, REPLACING AND REMOVING ALL OF THE EROSION AND SEDIMENTATION CONTROLS OR APPOINTING A QUALIFIED SUBCONTRACTOR TO DO SO. MAINTENANCE MEASURES WILL BE APPLIED AS NEEDED DURING THE ENTIRE CONSTRUCTION CYCLE. AFTER EACH RAINFALL, A VISUAL INSPECTION WILL BE MADE OF ALL EROSION AND SEDIMENTATION CONTROLS AS FOLLOWS:

1. HAY BALE BARRIERS, SEDIMENT BARRIERS AND STONE CHECK DAMS SHALL BE INSPECTED AND REPAIRED ONCE A WEEK OR IMMEDIATELY FOLLOWING ANY SIGNIFICANT RAINFALL. SEDIMENT TRAPPED BEHIND THESE BARRIERS SHALL BE EXCAVATED WHEN IT REACHES A DEPTH OF 6" AND REDISTRIBUTED TO AREAS UNDERGOING FINAL GRADING. SHOULD THE HAY BALE BARRIERS PROVE TO BE INEFFECTIVE, THE CONTRACTOR SHALL INSTALL SEDIMENT BARRIERS BEHIND THE HAY BALES.
2. VISUALLY INSPECT RIPRAP ONCE A WEEK OR AFTER EACH SIGNIFICANT RAINFALL, AND REPAIR AS NEEDED. REMOVE SEDIMENT TRAPPED BEHIND THESE DEVICES ONCE IT ATTAINS A DEPTH EQUAL TO 1/2 THE HEIGHT OF THE DAM OR RIPRAP. DISTRIBUTE REMOVED SEDIMENT OFF-SITE OR TO AN AREA UNDERGOING FINAL GRADING.
3. REVEGETATION OF DISTURBED AREAS WITHIN 25' OF DRAINAGE-COURSE/STREAM WILL BE SEEDDED WITH THE "MEADOW AREA MIX" AND INSPECTED ON A WEEKLY BASIS OR AFTER EACH SIGNIFICANT RAINFALL AND RESEEDDED AS NEEDED. EXPOSED AREAS WILL BE RESEEDDED AS NEEDED UNTIL THE AREA HAS OBTAINED 100% GROWTH RATE. PROVIDE PERMANENT RIPRAP FOR SLOPES IN EXCESS OF 2:1 AND WITHIN 25' OF DRAINAGE COURSE.

C TEMPORARY INLET PROTECTION DETAIL
N.E.S.

D STABILIZED CONSTRUCTION ENTRANCE
N.E.S.

CALL DIO SAFE UTILITY LOCATION
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STATE LAW REQUIRES ADVANCE NOTICE OF AT LEAST 3 BUSINESS DAYS BEFORE YOU DIG, GRADE OR EXCAVATE FOR THE MARKING OF UNDERGROUND UTILITIES



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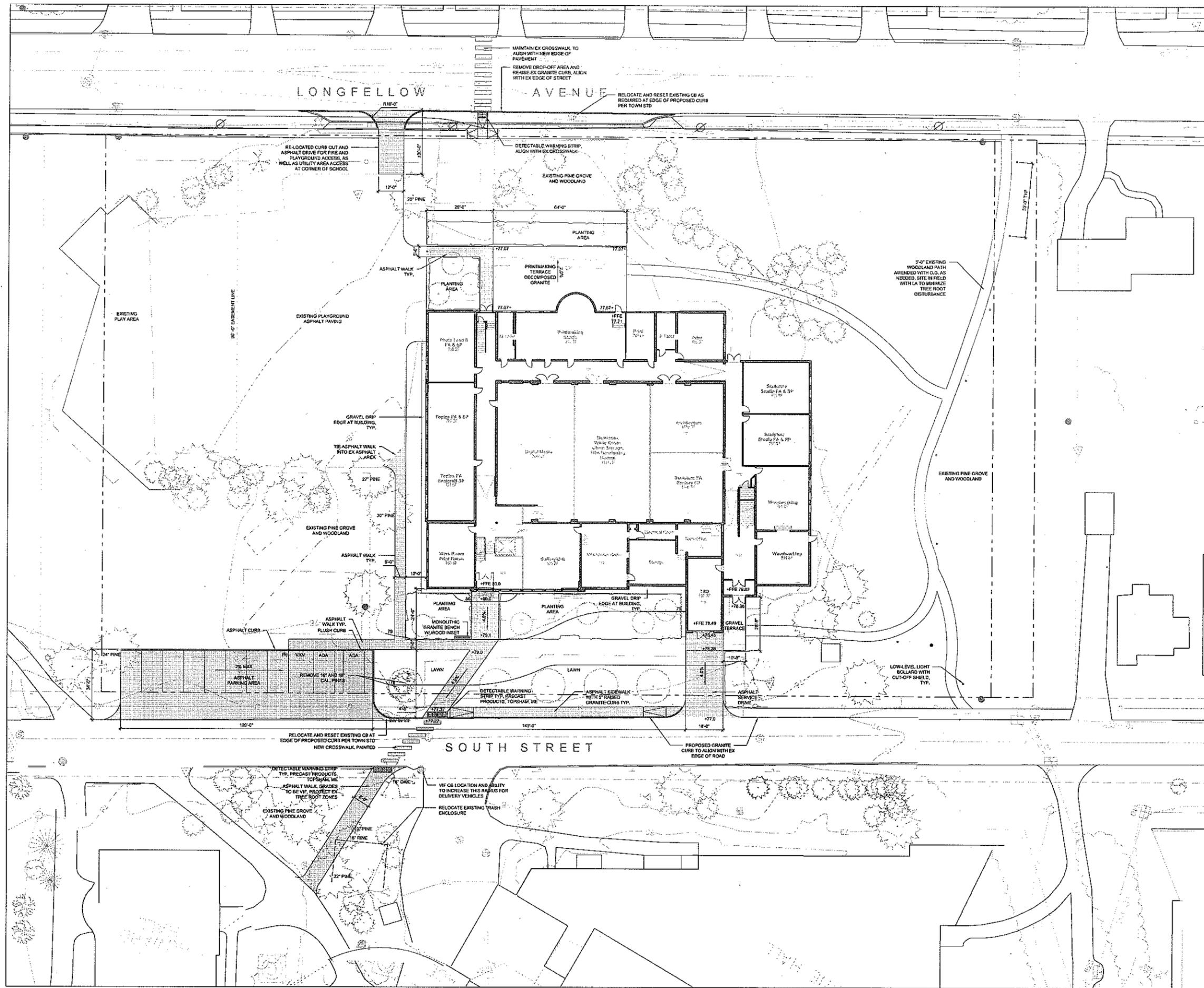
Cambridge Seven Associates, Inc.
Architects and Planners
1350 Massachusetts Avenue
Cambridge, MA 02138
617.452.7000 Fax 617.452.7007

1220
Longfellow Arts Building
Author: [Signature] Checker: [Signature]
2 Oct 2012

EROSION CONTROL
DETAILS AND
NOTES

C1.3

Bowdoin College Longfellow Arts Building



NOTES:
ALL SIDEWALKS AND DETECTABLE WARNING STRIPS TO MEET TOWN OF BRUNSWICK CODE AND REGULATIONS

2	Planning Submission	10.17.12
1	Planning Submission	10.02.12

STEPHEN STIMSON ASSOCIATES LANDSCAPE ARCHITECTS
125 BROAD STREET 2ND FLOOR, CAMBRIDGE, MA 02138
TEL: 617-452-7000 FAX: 617-452-7001

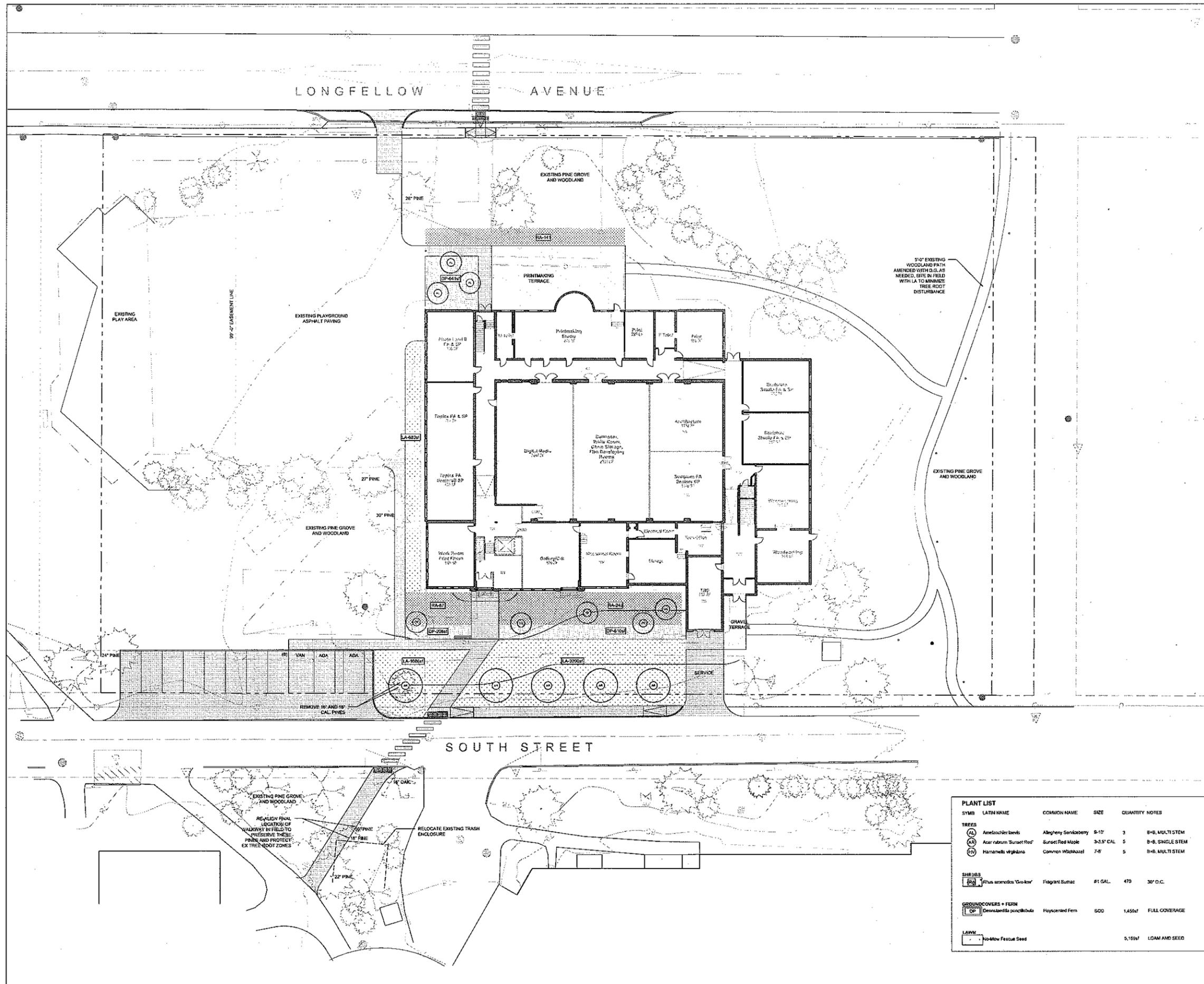
Cambridge Seven Associates, Inc.
Architects and Planners
1550 Massachusetts Avenue
Cambridge, MA 02138
617-452-7000 Fax 423-7967

REV: 1220
PROJECT: Longfellow Arts Building
TYPE: LT
DATE: 17 Oct 2012
SCALE: 1/16" = 1'-0"

SITE PLAN

L1.0

Bowdoin College Longfellow Arts Building



2	Planning Submission	10.17.12
1	Planning Submission	10.02.12

STEPHEN STIMSON ASSOCIATES LANDSCAPE ARCHITECTS
149 WASHINGTON STREET, FALMOUTH, MA 02541
508-548-1111 FAX 508-548-1112
WWW.STIMSON-ASSOCIATES.COM

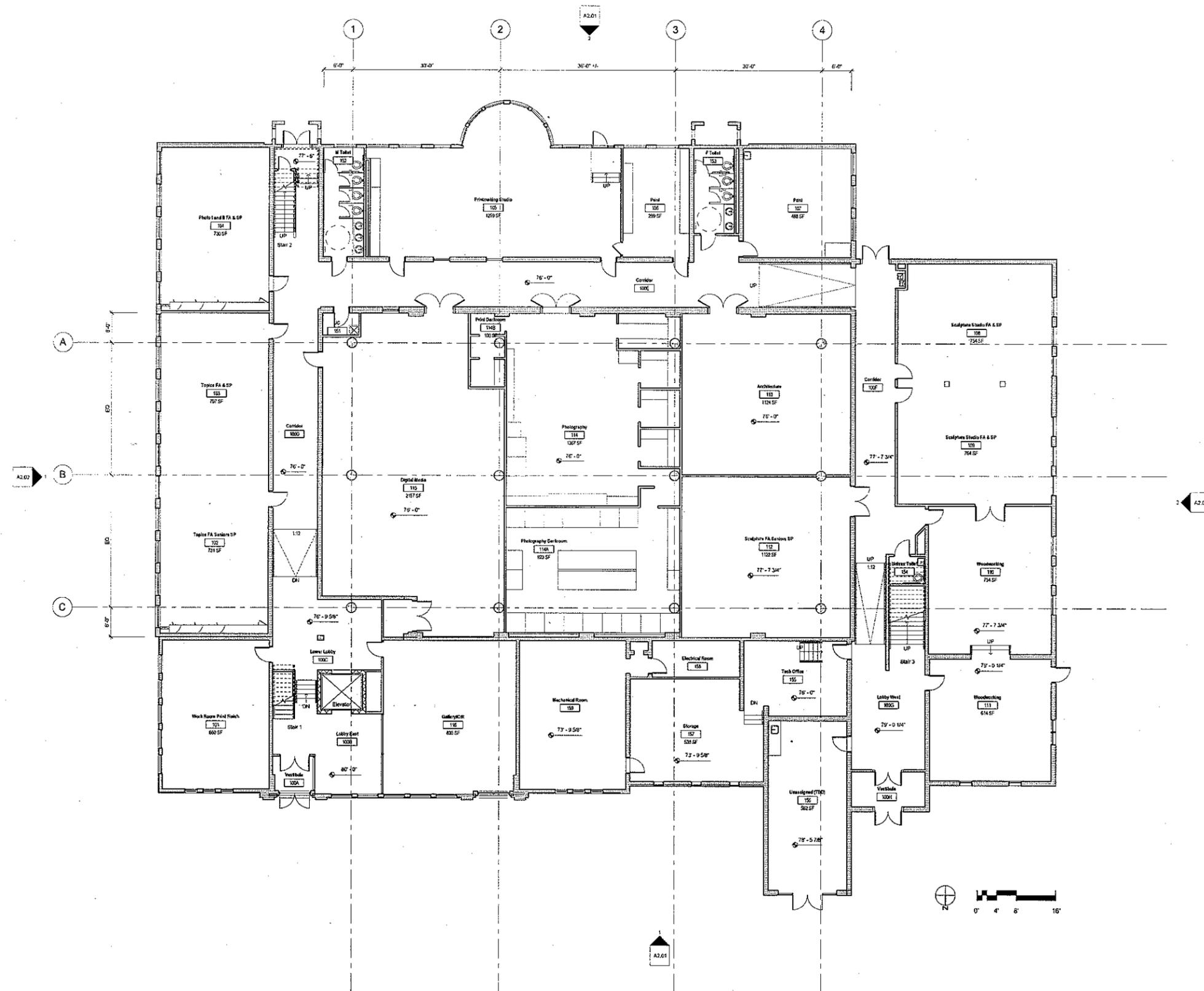
Cambridge Seven Associates, Inc.
Architects and Planners
1550 Massachusetts Avenue
Cambridge, MA 02138
617-452-7600 Fax 617-452-7607

DATE	1220
PROJECT	Longfellow Arts Building
SCALE	LT 1" = 4' SS
DATE	17 Oct 2012
SCALE	1/16" = 1'-0"

PLANTING PLAN

L2.0

SYMB	LATIN NAME	COMMON NAME	SIZE	QUANTITY	NOTES
(A)	Amygdaloides	Albany Honeyberry	8-10'	3	B+B, MULTI STEM
(B)	Acer rubrum 'Sunset Red'	Sunset Red Maple	3-3.5' CAL	5	B+B, SINGLE STEM
(C)	Hamelis virginiana	Common Witchhazel	7-8'	5	B+B, MULTI STEM
(D)	Rhus aromatica 'Gro-low'	Flagrant Sumac	#1 GALL	470	30" O.C.
(E)	Dennstaedtia punctilobula	Hayscented Fern	500	1,450sf	FULL COVERAGE
(F)	No-Mow Fescue Seed			5,150sf	LOAM AND SEED



DEVELOPMENT REVIEW
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 2 Oct 2012

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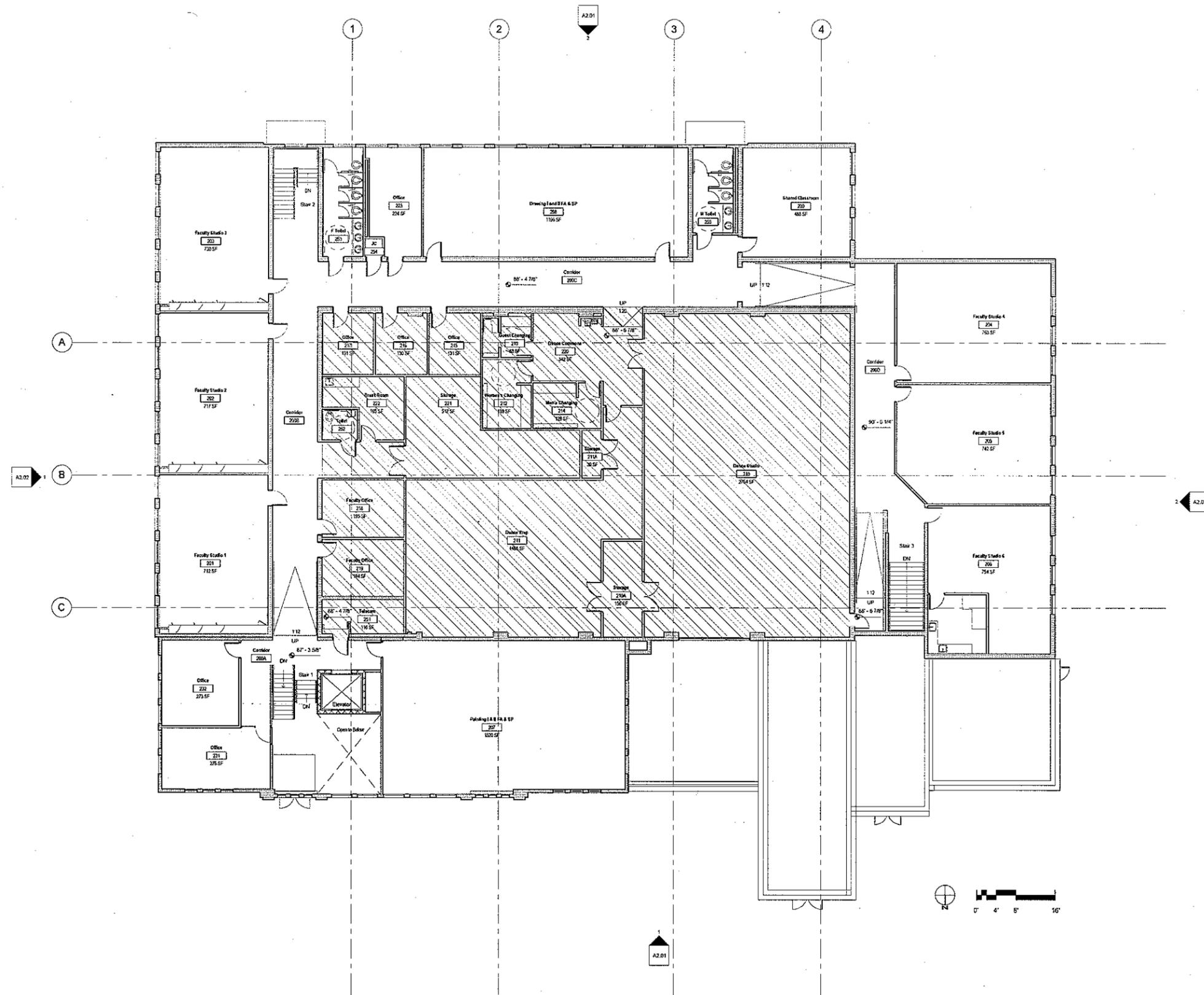
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 Project: Longfellow Arts Building
 Date: 2 Oct. 2012
 Scale: As Noted

FIRST FLOOR PLAN

A1.01

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1 LEVEL 1
 148' x 110'



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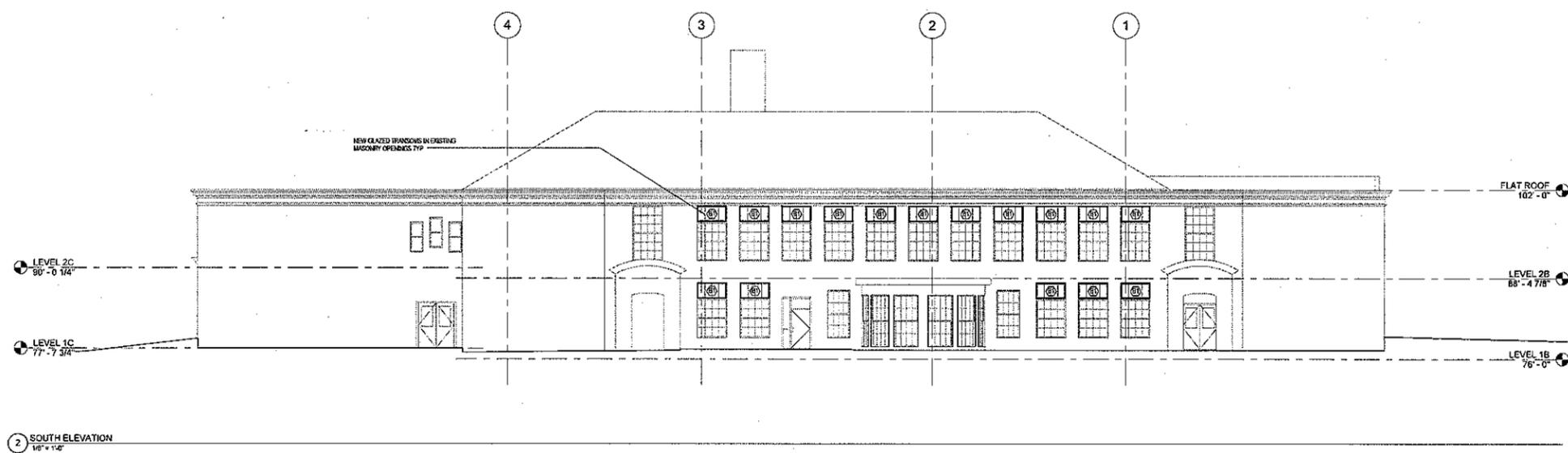
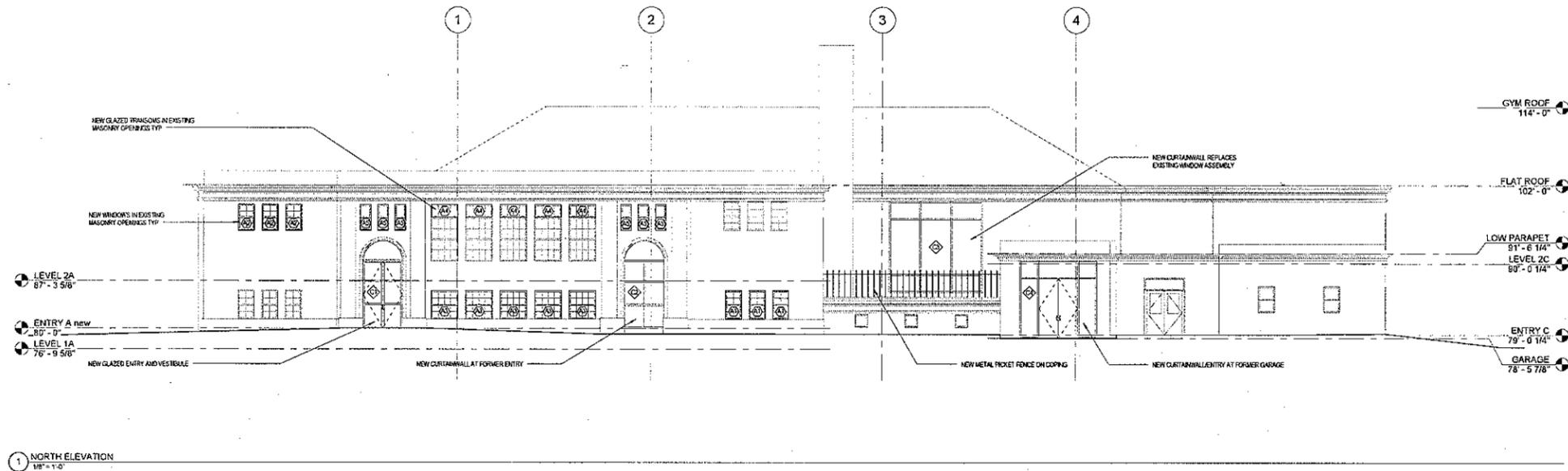
SECOND FLOOR PLAN

A1.02

10/12/2012 3:47:26 PM

LEVEL 2
 16' x 9'0"

Bowdoin College
Longfellow Arts Building



DEVELOPMENT REVIEW
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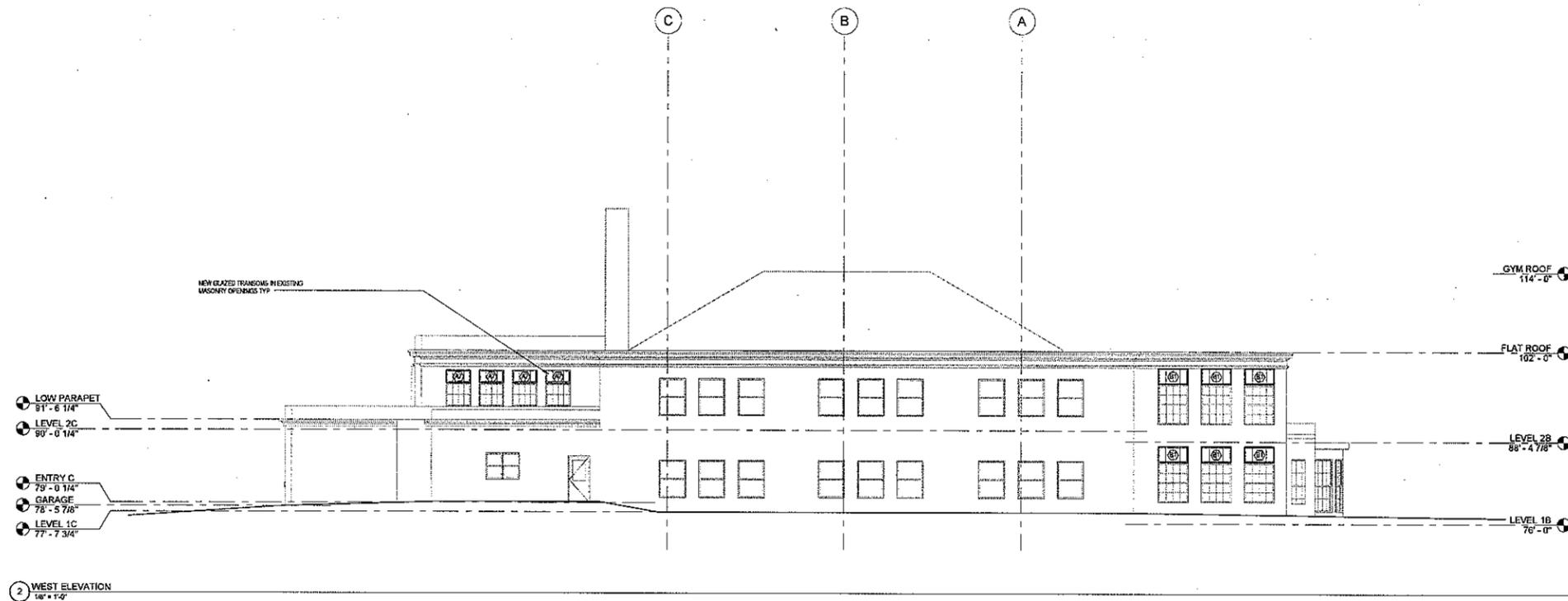
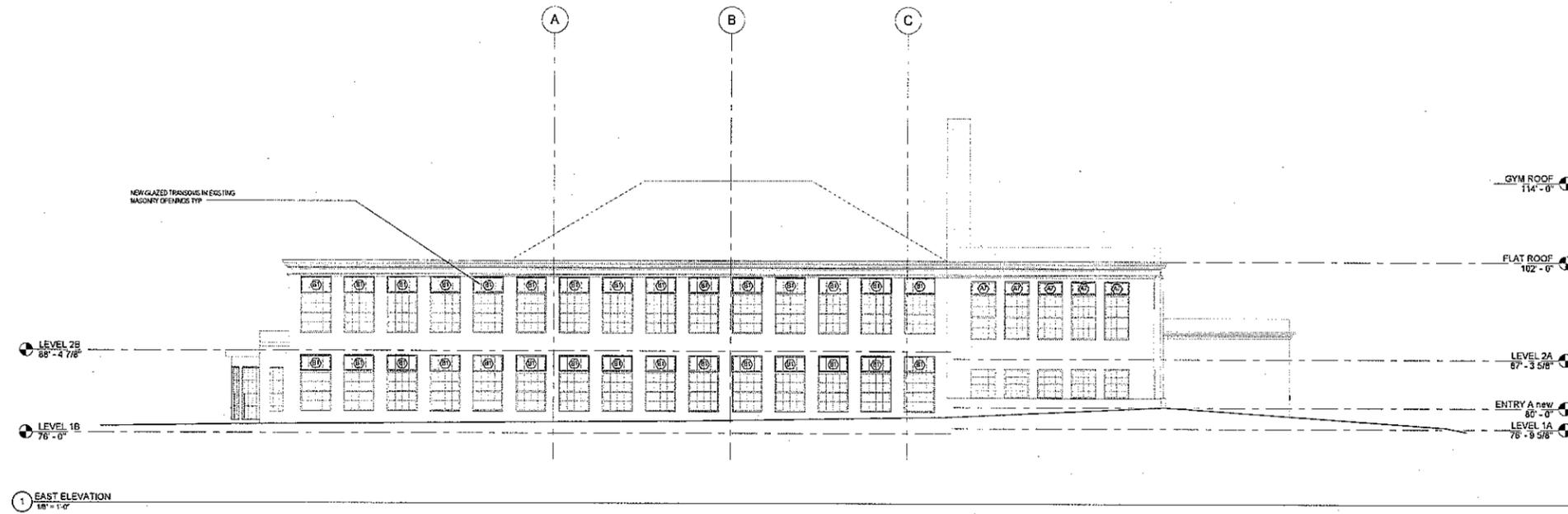
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 Date: BB/MZ
 Date: 2 Oct, 2012
 Scale: As Noted

EXTERIOR
 ELEVATIONS

A2.01

Bowdoin College
Longfellow Arts Building



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EXTERIOR
 ELEVATIONS

A2.02