



LOCUS MAP
1" = 1,000'

COMPREHENSIVE PERMIT PLANS FOR McCARTHY VILLAGE II ACTON, MA

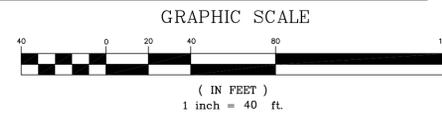
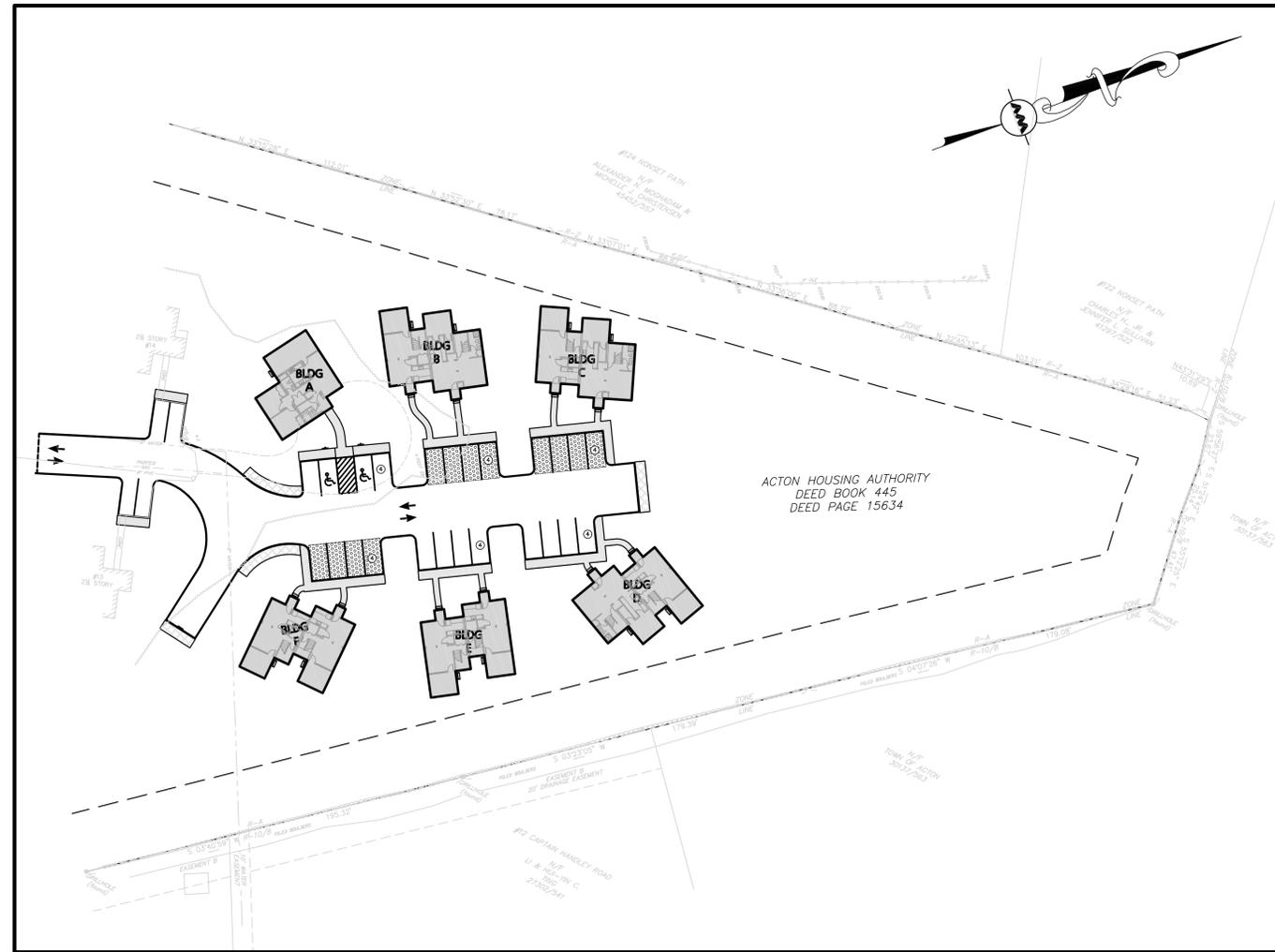
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McCARTHY VILLAGE I - SITE LAYOUT PLAN	X-1	RECORD	-----
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PROFESSIONAL ENGINEER FOR
ALLEN & MAJOR ASSOCIATES, INC.

ISSUED FOR TOWN OF ACTON, MA COMPREHENSIVE PERMIT: JUNE 25, 2010
TOWN COMMENTS: AUGUST 13, 2010
TOWN COMMENTS: SEPTEMBER 15, 2010

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Development
of McCarthy
Village II

ACTON HOUSING AUTHORITY

COMPREHENSIVE
PERMIT

NOT FOR
CONSTRUCTION


ALLEN & MAJOR ASSOCIATES, INC.

BAKER/WOHL ARCHITECTS



132 LINCOLN STREET, #4
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TEL: 617.350.7420
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Project No: 1298-08

Drawn By: BDJ

Checked By: TJW

Issue Date: JUNE 25, 2010

Revisions			
No	Date	Description	By
1	08/13/10	Town Comments	A&M
2	09/15/10	Town Comments	A&M

Drawing Title:

COVER SHEET

Drawing Number:

Copyright Baker/Wohl Architects

GENERAL NOTES:

- THE EXISTING CONDITIONS INFORMATION IS TAKEN FROM A PLAN TITLED "SITE SURVEY", CREATED BY PRECISION LAND SURVEYING INC., DATED 2/10/2010.
- ZONING DISTRICT IS RESIDENCE R-A.
- THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AND STRUCTURES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THIS INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE LOCATION OF ALL UNDERGROUND UTILITIES AND STRUCTURES SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR MUST CONTACT THE APPROPRIATE UTILITY COMPANY, ANY GOVERNING PERMITTING AUTHORITY, AND "DIGSAFE" AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION WORK TO REQUEST EXACT FIELD LOCATION OF UTILITIES AND THE ENGINEER SHALL BE NOTIFIED IN WRITING OF ANY UTILITIES INTERFERING WITH THE PROPOSED CONSTRUCTION AND APPROPRIATE REMEDIAL ACTION TAKEN BEFORE PROCEEDING WITH THE WORK. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
- ALL SITE WORK DONE FOR THIS PROJECT SHALL BE IN ACCORDANCE WITH THE SITE PLANS AND SITE WORK SPECIFICATIONS FOR CONSTRUCTION.
- ANY DAMAGE TO PRIVATE OR PUBLIC PROPERTIES DUE TO THE CONTRACTOR'S ACTIVITIES SHALL BE REPAIRED AND RESTORED BY THE CONTRACTOR AT THEIR OWN EXPENSE.
- ALL PROPERTY MARKERS AND STREET LINE MONUMENTS SHALL BE PROPERLY PROTECTED DURING CONSTRUCTION. ANY DAMAGE TO THESE ITEMS SHALL BE REPAIRED AND RESTORED BY A SURVEYOR REGISTERED IN THE STATE OF MASSACHUSETTS AT THE CONTRACTORS EXPENSE.
- ALL DISTURBED AREAS SHALL BE MAINTAINED IN ACCORDANCE WITH THE EROSION CONTROL PLAN, MADEP, AND THE REQUIREMENTS OF THE CAMBRIDGE CONSERVATION COMMISSION.
- ALL APPLICABLE PERMITS AND AN APPROVED SET OF PLANS SHALL BE AVAILABLE AT THE CONSTRUCTION SITE.
- THE CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE CONSTRUCTION MEETING WITH THE TOWN, THE APPROPRIATE UTILITY COMPANIES, THE OWNER AND OWNER'S REPRESENTATIVE. THE MEETING SHALL TAKE PLACE PRIOR TO THE START OF CONSTRUCTION AND THE CONTRACTOR MUST PROVIDE 48 HOURS NOTICE TO ALL ATTENDEES PRIOR TO THE START OF THE MEETING.
- APPROPRIATE WARNING SIGNS, MARKERS, BARRICADES AND/OR FLAG MEN SHALL BE PROVIDED TO REGULATE TRAFFIC. CONSTRUCTION TRAFFIC CONTROL SHALL BE IMPLEMENTED AND OPERATED ACCORDING TO THE MASS DEPARTMENT OF TRANSPORTATION, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND THE LOCAL AUTHORITY.
- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ADDITIONAL BENCHMARK INFORMATION IF REQUIRED. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING BENCHMARKS. IF IT IS NECESSARY TO RELOCATE A BENCHMARK, IT SHALL BE RELOCATED BY A MASSACHUSETTS PROFESSIONAL LAND SURVEYOR AND DONE SO AT THE CONTRACTOR'S EXPENSE.
- ALL PERMITS AND APPROVALS NECESSARY FROM AGENCIES GOVERNING THE WORK SHALL BE OBTAINED BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF WORK. PROVIDE THE SITE DEVELOPMENT MANAGER COPIES OF ALL PERMITS AND APPROVALS.
- IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE THAT EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO THE COMMENCEMENT OF ANY SITE WORK OR EARTHWORK OPERATIONS, SHALL BE MAINTAINED DURING CONSTRUCTION, AND SHALL REMAIN IN PLACE UNTIL ALL SITE WORK IS COMPLETE AND GROUND COVER IS ESTABLISHED. ADDITIONAL EROSION CONTROL MEASURES SHALL BE INSTALLED IF NECESSARY BY ON SITE INSPECTIONS OF THE OWNER, THEIR REPRESENTATIVES, OR REGULATORY AGENCIES HAVING JURISDICTION AT NO ADDITIONAL COST TO THE OWNER.
- CONSTRUCTION DURING WET WEATHER OR WINTER CONDITIONS IS TO BE ANTICIPATED AND PROVISIONS TO ADEQUATELY ADDRESS THESE CONDITIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

UTILITY NOTES:

- THE LATEST STANDARDS OF THE TOWN OF ACTON SHALL BE FOLLOWED WHEN INSTALLING ANY SANITARY SEWER, WATER AND GAS MAIN WORK. ALL WORK WILL BE INSPECTED BY TOWN OF ACTON PERSONNEL AND ALL COSTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL REFER TO ARCHITECTS PLANS AND SPECIFICATIONS FOR ACTUAL LOCATION OF ALL ROOF DRAIN LATERALS. UTILITY ENTRANCES TO INCLUDE SANITARY SEWER LATERALS, DOMESTIC AND FIRE PROTECTION WATER SERVICE, ELECTRIC, TELEPHONE, AND GAS SERVICE. THE CONTRACTOR SHALL COORDINATE INSTALLATION OF UTILITIES IN SUCH A MANNER AS TO AVOID CONFLICTS, THE CONTRACTOR SHALL COORDINATE WITH THE PROPER AGENCY THE LOCATION AND SCHEDULING OF UTILITY CONNECTIONS.
- WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION FURNISHED TO THE ENGINEER FOR RESOLUTION.
- ABANDONED EXISTING UTILITIES AND UTILITIES TO BE ABANDONED SHALL EITHER BE ABANDONED IN PLACE AS NOTED OR SHALL BE REMOVED AND DISPOSED OF AS SPECIFIED. ALL UTILITIES SCHEDULED FOR ABANDONMENT OR REMOVAL AND DISPOSAL MUST BE COORDINATED BY THE CONTRACTOR WITH THE RESPECTIVE UTILITY OWNER. WHEN ABANDONED UTILITIES ARE TO BE LEFT IN PLACE, PLUG OR CAP THE ENDS OF THE CONDUITS AND PIPES. REMOVE ABANDONED UTILITY MANHOLES, JUNCTION BOXES AND SIMILAR STRUCTURES TO A MINIMUM DEPTH OF 4 FEET BELOW FINISHED GRADE AND PUNCTURE OR BREAK THE BOTTOM SLABS OF MANHOLES AND SIMILAR STRUCTURE TO ALLOW DRAINAGE. BACK FILL AND COMPACT EXCAVATIONS RESULTING FROM REMOVAL OF UTILITY FACILITIES, AS REQUIRED TO RESTORE THE ORIGINAL GRADE.
- THE CONTRACTOR SHALL MAKE ARRANGEMENTS FOR THE ALTERATION AND ADJUSTMENTS OF NATURAL GAS, ELECTRIC, TELEPHONE AND ANY OTHER UTILITY WITH THE UTILITY OWNER.
- THE CONTRACTOR SHALL USE THE FOLLOWING PIPE MATERIALS:
SEWER - PVC (POLYVINYL CHLORIDE), SDR 35
DRAIN - HDPE (HIGH DENSITY CORRUGATED POLYETHYLENE PIPE WITH SMOOTH INNER WALL), ASTM D2321 (UNLESS OTHERWISE SPECIFIED ON PLAN)
- RCP CLASS IV (REINFORCED CONCRETE PIPE, WHERE SPECIFIED ON PLAN)
WATER - C-900 PVC (BLUE BRUTE), CLDI (CONCRETE LINED DUCTILE IRON)
- BEFORE WORK BEGINS ON THE SEWER OR STORM DRAIN, THE CONTRACTOR WILL COORDINATE WITH THE TOWN OF ACTON THE APPROPRIATE PERMIT FEE AND INSPECTION FEE.
- ALL UTILITY CONNECTIONS THROUGH THE BUILDING WALL SHALL BE BY MEANS OF FLEXIBLE JOINTS.
- A MINIMUM OF 10 FEET CLEAR HORIZONTALLY SHALL BE MAINTAINED BETWEEN WATER MAINS AND SANITARY SEWER MAINS AND/OR STORM DRAINS. WHENEVER CONDITIONS PREVENT A LATERAL SEPARATION OF 10 FEET TO A WATER MAIN, THE WATER MAIN SHALL BE LAID IN A SEPARATE TRENCH AND THE DIFFERENCE IN ELEVATION BETWEEN THE WATER MAIN AND THE SEWER MAIN SHALL BE AT LEAST 18 INCHES.
- IN THE CASE THAT WATER MAINS CROSS SANITARY SEWER MAINS AND/OR STORM DRAINS AND ARE SEPARATED BY LESS THAN 18" OF VERTICAL CLEARANCE, THE CROSSING SHALL BE ENCASED IN CONCRETE FOR THE ENTIRE WIDTH OF THE TRENCH AND FOR A DISTANCE OF 10 LINEAR FEET ON EITHER SIDE OF THE CROSSING.

GRADING/DRAINAGE NOTES:

- THE STORMWATER DRAINAGE SYSTEM IMPROVEMENTS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE LATEST STANDARDS OF THE TOWN OF ACTON AND THE STATE OF MASSACHUSETTS. STORM DRAIN WORK WILL BE INSPECTED BY TOWN OF ACTON PERSONNEL AND ALL COSTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- EXISTING PAVEMENT SHALL BE SAW-CUT AND PAVEMENT JOINT SHALL BE INSTALLED WHERE NECESSARY TO ENSURE A SMOOTH CONTINUOUS GRADE.
- THE ARCHITECTURAL PLANS SHALL BE REFERRED TO IN ORDER TO DETERMINE THE EXACT LOCATIONS OF VESTIBULE, SLOPED PAVING, EXIT PORCHES, HANDICAPPED RAMPS, TRUCK DOCKS, DUMPSTER PADS, ROOF DRAIN LATERALS AND PRECISE BUILDING DIMENSIONS.

GRADING/DRAINAGE NOTES CONTINUED:

- ALL GRADING OPERATIONS SHALL BE COORDINATED WITH THE APPROPRIATE UTILITY COMPANIES.
- WHEN INSTALLING ALL PIPES ENTERING STORM SEWER STRUCTURES THE LATEST STANDARDS OF THE TOWN OF ACTON SHALL BE FOLLOWED TO ENSURE WATER TIGHT CONNECTIONS. WATER TIGHT FITTINGS SHALL BE USED ON ALL PIPE CONNECTIONS.
- IN LANDSCAPED AREAS THE TOP ELEVATION OF MANHOLES SHALL BE FLUSH WITH FINISH GRADE. IN PAVED AREAS THE TOP ELEVATIONS OF MANHOLES SHALL MATCH FINISH GRADE.
- ALL AREAS DISTURBED DURING CONSTRUCTION SHALL BE STABILIZED AS SOON AS POSSIBLE UPON COMPLETION OF CONSTRUCTION WORK IN THE AREA. REFER TO EROSION CONTROL PLANS.
- SILT SACKS (OR APPROVED EQUAL) SHALL BE INSTALLED AND MAINTAINED AT ALL EXISTING AND NEWLY INSTALLED DRAINAGE STRUCTURES DURING CONSTRUCTION.

EROSION AND SEDIMENTATION CONTROL NOTES:

- SILT CONTROL SHALL BE INSTALLED PRIOR TO CONSTRUCTION AND SHALL BE ADEQUATE TO MAINTAIN SEDIMENT ON SITE. ANY MODIFICATIONS TO SILT CONTROLS SHOWN ON THE APPROVED PLANS AS A RESULT OF ACTUAL FIELD CONDITIONS OR CONSTRUCTION PRACTICES SHALL BE INSTALLED IN ACCORDANCE WITH B.M.P. (BEST MANAGEMENT PRACTICES) PER THE E.P.A. 2008 "STORMWATER MANAGEMENT FOR CONSTRUCTION ACTIVITIES" MANUAL. ANY SUCH MODIFICATIONS SHALL BE INSTALLED AS APPROVED THE ENGINEER.
- THE CONTRACTOR SHALL CONDUCT INSPECTIONS AFTER EACH RAINFALL EVENT IN ADDITION TO WEEKLY INSPECTIONS CONDUCTED IN ACCORDANCE WITH THE CITY OF CAMBRIDGE REQUIREMENTS, MADEP AND THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP).
- AREAS OF EXPOSED SOIL UNDERGOING CONSTRUCTION THAT WILL NOT BE COVERED AND OR FINISHED GRADED WITHIN 14 DAYS OF EXPOSURE SHALL BE ANCHORED WITH TEMPORARY EROSION CONTROL MEASURES WITHIN 14 DAYS OF DISTURBANCE. TEMPORARY EROSION CONTROL MEASURES SHALL INCLUDE EROSION CONTROL MESH, NETTING OR MULCH AS DIRECTED BY THE OWNER'S REPRESENTATIVE AND SHOWN ON THE DESIGN PLANS. IF MULCH IS USED, HAY OR STRAW MULCH SHALL BE APPLIED AT THE RATE OF 2 BALS PER 1,000 SQUARE FEET. APPLICATION AREA SHALL BE SUFFICIENTLY COVERED WITH MULCH TO AVOID ANY VISIBLE SOIL EXPOSURE. MULCH SHALL BE KEPT MOIST TO AVOID LOSS DUE TO WIND. MULCH AND NETTING SHALL BE APPLIED IN THE BASE OF ALL GRASSED WATERWAYS AND IN VEGETATIVE SLOPES WHICH EXCEED 15% AND DISTURBED AREAS WITHIN 100 FEET OF WETLANDS OR STREAMS.
- IF DISTURBED AREAS DO NOT RECEIVE FINAL SEEDING BY SEPTEMBER 15 OF THE CONSTRUCTION YEAR, THEN ALL DISTURBED AREAS SHALL BE SEEDDED WITH A WINTER COVER CROP AT THE RATE OF 3 LBS PER 1,000 SQUARE FEET. WINTER SEEDING SHALL BE COVERED WITH EROSION CONTROL MESH (MULCH AND NETTING). HEAVY GRADE MATS SHALL BE USED IN THE BASE OF ALL GRASSED WATERWAYS ON VEGETATED SLOPES IN EXCESS OF 15%, AND ANY DISTURBED AREAS WITHIN 100 FEET OF WETLANDS OR STREAMS. MULCH AND NETTING SHALL ALSO BE PROVIDED FOR ADDITIONAL WINTER PROTECTION.
- ALL TOPSOIL SHALL BE COLLECTED, STOCKPILED, SEEDDED WITH RYE AT 3LBS PER 1,000 SQUARE FOOT AND MULCHED, AND REUSED AS REQUIRED. SILTATION FENCING SHALL BE PLACED DOWN GRADIENT FROM STOCKPILED LOAM. LOAM SHALL BE STOCKPILED AT LOCATIONS DESIGNATED BY THE OWNER AND ENGINEER.
- ALL FILTER BARRIERS, SILT SACKS, AND EROSION CONTROL BERMS SHALL BE INSTALLED ACCORDING TO THE EROSION CONTROL PLAN. THESE SHALL BE MAINTAINED DURING DEVELOPMENT TO REMOVE SEDIMENT FROM RUNOFF WATER. ALL THE FILTER BARRIERS AND EROSION CONTROL BERMS SHALL BE INSPECTED AFTER ANY RAINFALL OR RUNOFF EVENT, MAINTAINED AND CLEANED UNTIL ALL AREAS HAVE AT LEAST 85-90% VIGOROUS PERENNIAL COVER OF GRASSES.
- ROADWAYS SHALL BE SWEEP OR WASHED, ON A DAILY BASIS, TO AVOID TRACKING MUD, DUST OR DEBRIS FROM THE CONSTRUCTION AREA. A WATERING TRUCK WILL BE USED TO FREQUENTLY SPRINKLE CONSTRUCTION AREAS IN ORDER TO KEEP THE LEVEL OF DUST TO A MINIMUM DURING THE DRY MONTHS.
- THE CONTRACTOR SHALL USE EXTREME CAUTION TO AVOID ALLOWING SEDIMENTS TO ENTER THE STORM DRAIN SYSTEM DURING CONSTRUCTION. CATCH BASIN INLETS SHALL BE PROTECTED DURING CONSTRUCTION BY THE USE OF STRAW BALE BARRIERS AROUND EACH INLET. SILT SACKS SHALL BE INSTALLED IN ALL EXISTING BASINS. INLET PROTECTION MAY BE REMOVED ONLY AFTER FINISHED AREAS ARE PAVED AND THE VEGETATED SLOPES ARE ESTABLISHED WITH AT LEAST 85-90% OF VIGOROUS PERENNIAL GROWTH.
- REVEGETATION MEASURES SHALL COMMENCE IMMEDIATELY UPON THE COMPLETION OF CONSTRUCTION.
- LOAM WILL BE SPREAD OVER DISTURBED AREAS AND SMOOTHED TO A UNIFORM SURFACE PER SPECIFICATIONS. LOAM SHALL BE FREE OF SUBSOIL, CLAY LUMPS, STONES AND OTHER OBJECTS OVER 1 INCH IN DIAMETER, AND WITHOUT WEEDS, ROOTS OR OTHER OBJECTIONABLE MATERIAL.
- IN LIEU OF SOIL TESTS, SOIL AMENDMENTS MAY BE APPLIED AS FOLLOVED:
 - 10-20-20 FERTILIZER (N-P205-K20 OR EQUAL) -APPLICATION RATE= 18.4 LB/1,000 S.F.
 - GROUND LIMESTONE (50% CALCIUM & MAGNESIUM OXIDE) -APPLICATION RATE= 138 LB/1,000 S.F.
- FOLLOWING SEED BED PREPARATION, SWALE AREAS, FILL AREAS AND BACK SLOPES SHALL BE SEEDDED AT A RATE OF 3LBS PER 1,000 S.F. WITH A MIXTURE OF 35% CREEPING RED FESCUE, 6% RED TOP, 24% KENTUCKY BLUEGRASS, 10% PERENNIAL RYE GRASS, 20% ANNUAL RYE GRASS AND 5% WITH DUTCH COVER.
- EROSION CONTROL MESH SHALL BE APPLIED IN ACCORDANCE WITH THE PLANS OVER ALL FINISHED SEEDDED AREAS AS SPECIFIED ON THE DESIGN PLANS.
- ALL FILTER FABRIC SHALL REMAIN IN PLACE UNTIL SEEDINGS HAVE BECOME 85-90% ESTABLISHED AND THEN REMOVED WITHIN 10 DAYS.
- AT THE OWNER'S DISCRETION AND FROM REQUESTS MADE BY THE TOWN OF ACTON, ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED TO MAINTAIN STABILITY OF EARTHWORKS AND FINISHED GRADED AREAS. THE CONTRACTOR, AT HIS EXPENSE, WILL BE RESPONSIBLE FOR PROVIDING AND INSTALLING ANY ADDITIONAL MEASURES AS SPECIFIED BY THE OWNER. THIS INCLUDES BUT IS NOT LIMITED TO REQUESTS BY MA DEP, AND THE MUNICIPALITY, AS AUTHORIZED BY THE OWNER. FAILURE TO COMPLY WITH THE OWNER'S DIRECTIONS WILL RESULT IN DISCONTINUATION OF CONSTRUCTION ACTIVITIES.
- INSPECTIONS AND MONITORING MAINTENANCE MEASURES SHALL BE APPLIED AS NEEDED DURING THE ENTIRE CONSTRUCTION CYCLE. WEEKLY INSPECTIONS SHALL BE HELD THROUGH THE DURATION OF CONSTRUCTION ACTIVITY. WEEKLY INSPECTION REPORTS SHALL BE MAINTAINED IN THE CONTRACTORS FIELD OFFICE. IN ADDITION TO THE NORMAL WEEKLY INSPECTIONS, THE CONTRACTOR SHALL PERFORM AN INSPECTION OF ALL EROSION CONTROL MEASURES AFTER EACH RAINFALL OR RUNOFF EVENT, AND PERFORM THE NECESSARY REPAIRS. THE INSPECTIONS SHALL INCLUDE BUT NOT BE LIMITED TO THE SITE'S DOWN STREAM DISCHARGE POINTS.
- IF ANY EVIDENCE OF SEDIMENTATION IS OBSERVED AT THE STORMWATER MANAGEMENT POND AREA INLETS, THE CONTRACTOR SHALL, AT HIS OWN EXPENSE, PROVIDE A PLAN TO THE ENGINEER TO REMOVE ANY ACCUMULATED SEDIMENT IN THESE AREAS. THE CONTRACTOR SHALL ALSO IMMEDIATELY PROVIDE ADDITIONAL ON SITE EROSION AND SEDIMENTATION CONTROL MEASURES TO PREVENT FURTHER DEGRADATION OF THE AREA.
- FOLLOWING THE TEMPORARY OR FINAL SEEDINGS, THE CONTRACTOR SHALL INSPECT THE WORK AREA SEMIMONTHLY TO ENSURE THE AREAS HAVE A MINIMUM OF 85-90% VEGETATED VIGOROUS GROWTH. RE-SEEDING SHALL BE CARRIED OUT BY THE CONTRACTOR WITH FOLLOW UP INSPECTIONS IN THE EVENT OF ANY FAILURES UNTIL VEGETATION IS ADEQUATELY ESTABLISHED.
- THE CONTRACTOR SHALL CONTACT "DIGSAFE" AND THE TOWN OF ACTON HIGHWAY DEPARTMENT AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION WORK TO REQUEST THE LOCATION OF THE EXISTING UTILITIES.

DIGSAFE: 1-800-344-7233
ACTON HIGHWAY DEPT.: 1-978-929-7740

CONTRACTOR TO POST SIGNAGE ON THE SITE THAT LISTS THE DPW 24-HOUR HOTLINE NUMBER (617) 349-4800, WITH THE NAME AND NUMBER OF THE RESPONSIBLE CITY PROJECT MANAGER / INSPECTOR.FOR THE SITE.

POST-DEVELOPMENT NOTES

- PAVED AREAS - PAVED AREAS SHOULD BE SWEEP AS PART OF THE ROUTINE SITE MAINTENANCE. PAVEMENT SWEEPING IS AN EXCELLENT SOURCE CONTROL FOR SEDIMENTATION TO THE EXISTING DRAINAGE SYSTEM AND IS TYPICALLY PERFORMED IN THE SPRING OF EACH YEAR FOLLOWING THE SNOW MELT.
- SALT FOR DE-ICING ON THE PAVED AREAS DURING THE WINTER MONTHS SHALL BE LIMITED TO THE MINIMUM AMOUNT PRACTICABLE. SAND CONTAINING THE MINIMUM AMOUNT OF CALCIUM CHLORIDE (OR APPROVED EQUIVALENT) NEEDED FOR HANDLING MAY BE APPLIED AS PART OF THE ROUTINE WINTER MAINTENANCE ACTIVITIES.

ABBREVIATIONS

ABAN	ABANDON	L	LENGTH
ADJ	ADJUST	LB	LEACHING BASIN
		LP	LIGHT POLE
B	BORING	MAT	MATERIAL
BC	BOTTOM OF CURB	MAX	MAXIMUM
BIT	BITUMINOUS	MH	MANHOLE
BCB	BITUMINOUS CONCRETE BERM	MIN	MINIMUM
BLDG	BUILDING	MISC	MISCELLANEOUS
BM	BENCH MARK	MTD	MOUNTED
BOS	BOTTOM OF SLOPE	MW	MONITORING WELL
BOW	BOTTOM OF WALL		
BRK	BRICK	N	NORTH
BV&B	BUTTERFLY VALVE & BOX	NC	NOT IN CONTRACT
BVW	BORDERING VEGETATED WETLAND	NO	NUMBER
		NTS	NOT TO SCALE
CATV	CABLE TELEVISION	OC	ON CENTER
CB	CATCH BASIN	OD	OUTSIDE DIAMETER
CF	CUBIC FEET	OHW	OVERHEAD WIRE
CFS	CUBIC FEET PER SECOND	OVHD	OVERHEAD
CI	CAST IRON (PIPE)	OW	OBSERVATION WELL
CL	CENTERLINE		
CLDI	CEMENT LINED DUCTILE IRON (PIPE)	PC	POINT OF CURVATURE
CM	CONSTRUCTION MANAGER	PCC	POINT OF COMPOUND CURVATURE
CMP	CORRUGATED METAL PIPE	PI	POINT OF INTERSECTION
CO	CLEAN OUT	PKG	PARKING
CONC	CONCRETE	PL	PROPERTY LINE
CONST	CONSTRUCTION	PLMB	PLUMBING
CONT	CONTRACTOR	POC	POINT ON CURVATURE
CRD	COORDINATE	POT	POINT ON TANGENT
CPP	CORRUGATED POLYETHYLENE PIPE	PRC	POINT OF REVERSE CURVATURE
CUL	CULVERT	PROP. P	PROPOSED POINT (OR POINT OF TANGENT)
CY	CUBIC YARD	PT	POINT
		PVC	POLYVINYL CHLORIDE (PIPE)
		R&R	REMOVE & RESET/REPLACE
DB	DISTRIBUTION BOX	R&S	REMOVE & STACK
DBL	DOUBLE	RPCD	REINFORCED CONCRETE PIPE ROAD (OR ROOF DRAIN)
DEM	DEMOLISH	RED	REDUCER
DET	DETENTION	RELOC	RELOCATE
DI	DUCTILE IRON (PIPE)	REM	REMOVE
DIA	DIAMETER	RET	RETAIN, RETAINING OR RETENTION
DIM	DIMENSION	ROW	RIGHT OF WAY
DMH	DRAIN MANHOLE	RR	RAILROAD
DW	DOMESTIC WATER (OR DRY WELL)	RWL	RAIN WATER LEADER
DWG	DRAWING	RWY	ROADWAY
DYCL	DOUBLE YELLOW CENTERLINE		
		SD	SUBDRAIN
EHL	ELECTRIC HANDHOLE	SF	SQUARE FEET
ELEV	ELEVATION	SGC	SLOPED GRANITE CURB
ELEC	ELECTRIC	SMH	SEWER MANHOLE
EMH	ELECTRIC MANHOLE	SP	STANDPIPE
EOP	EDGE OF PAVEMENT	SPEC	SPECIFICATION
EOR	EDGE OF ROAD	STA	STATION
EOW	EDGE OF WETLANDS	STC	STANDARD
ETC	ELECTRIC, TELEPHONE, CABLE	STRTL	STRUCTURAL
EXIST	EXISTING	SWEL	SOLID WHITE EDGE LINE
EXT	EXTERIOR	SWL	SIDEWALK
		SWLL	SOLID WHITE LANE LINE
FA	FIRE ALARM	SYCL	SOLID YELLOW CENTERLINE
FCC	FLUSH CONCRETE CURB		
FES	FLARED END SECTION	TB	TEST BORING
FFE	FINISH FLOOR ELEVATION	TC	TOP OF CURB
FLNP	FIRE LANE NO PARKING	TD	TRENCH DRAIN
FPS	FEET PER SECOND	TEL, T	TELEPHONE
FS	FIRE SERVICE	TMH	TELEPHONE MANHOLE
FT	FOOT/FEET	TOS	TOP OF SLOPE
		TOW	TOP OF WALL
GC	GENERAL CONTRACTOR	TP	TEST PIT
GEN	GENERAL	TS&V	TAPPING SLEEVE & VALVE
GG	GAS GATE	TYP	TYPICAL
GR	GUIDE RAIL		
GRAN	GRANITE	UD	UNDERDRAIN
GV	GATE VALVE	UL	UNDERWRITERS LABORATORY
GV&B	GATE VALVE & BOX	UP	UTILITY POLE
GW	GROUND WATER		
		VCP	VITRIFIED CLAY PIPE
HOR	HORIZONTAL	VERT	VERTICAL
HT	HEIGHT	VGC	VERTICAL GRANITE CURB
HW	HEADWALL		
HWY	HIGHWAY	WD	WOOD
HYD	HYDRANT	WG	WATER GATE
		WM	WATER MAIN
ID	INSIDE DIAMETER	WMH	WATER MANHOLE
IN	INCHES	WSO	WATER SHUTOFF
INCL	INCLUDE		
INST	INSTALLED		
INV, I.E.	INVERT, INVERT ELEVATION		

POST-DEVELOPMENT NOTES CONTINUED

- CATCH BASINS AND OUTLET STRUCTURE - GRATES AND DEEP SUMPS SHALL BE INSPECTED AND CLEANED FOUR TIMES PER YEAR FOR THE FIRST THREE YEARS AND THEN TWICE YEARLY THEREAFTER. CATCH BASINS AND OUTLET STRUCTURE SHALL BE INSPECTED FOLLOWING HEAVY RAINFALLS TO VERIFY THAT THE INLET OPENINGS ARE NOT CLOGGED BY DEBRIS. DEBRIS SHALL BE REMOVED FROM THE GRATES AND DISPOSED OF PROPERLY. MATERIAL REMOVED FROM STRUCTURES SHALL BE DISPOSED OF IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.
- ALL SEDIMENTS REMOVED FROM SITE DRAINAGE FACILITIES SHALL BE DISPOSED OF PROPERLY, AND IN ACCORDANCE WITH APPLICABLE LOCAL AND STATE REGULATIONS.
- ALL VEGETATED AREAS ON THE SITE SHALL BE STABILIZED AND MAINTAINED TO CONTROL EROSION. ANY DISTURBED AREAS SHALL BE RE-SEEDDED AS SOON AS PRACTICABLE.
- WORK WITHIN ANY DRAINAGE STRUCTURES SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST OSHA REGULATIONS, AND ONLY BY INDIVIDUALS WITH APPROPRIATE OSHA CERTIFICATION.
- MAINTENANCE RESPONSIBILITIES - ALL POST-CONSTRUCTION MAINTENANCE ACTIVITIES SHALL BE DOCUMENTED AND KEPT ON FILE AND MADE AVAILABLE TO THE PROPER TOWN AUTHORITIES UPON REQUEST.



PROFESSIONAL ENGINEER FOR ALLEN & MAJOR ASSOCIATES, INC.

Development of McCarthy Village II

ACTON HOUSING AUTHORITY

COMPREHENSIVE PERMIT NOT FOR CONSTRUCTION



BAKER/WOHL ARCHITECTS



132 LINCOLN STREET, #4

BOSTON, MA 0 2 1 1 1

TEL: 617.350.7420

FAX: 617.350.5383

Project No: 1298-08

Drawn By: BDJ

Checked By: TJW

Issue Date: JUNE 25, 2010

Revisions			
No	Date	Description	By
1	08/13/10	Town Comments	A&M
2	09/15/10	Town Comments	A&M

Drawing Title:

ABBREVIATION & NOTES

Drawing Number:

A-1

ACTON HOUSING AUTHORITY

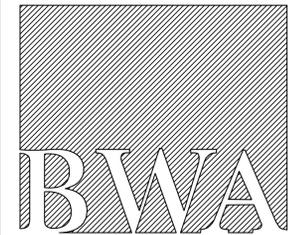
McCARTHY VILLAGE II

SACHEM WAY, ACTON, MA

COMPREHENSIVE PERMIT REV. 1

NOT FOR CONSTRUCTION

BAKER/WOHL ARCHITECTS



132 LINCOLN STREET, #4
 BOSTON, MA 02111
 TEL: 617.350.7420
 FAX: 617.350.5383

Project No: 2915
 Drawn By: JT
 Checked By: AI/BB
 Issue Date: 15 SEPTEMBER 2010

Revisions	No	Date	Description	By

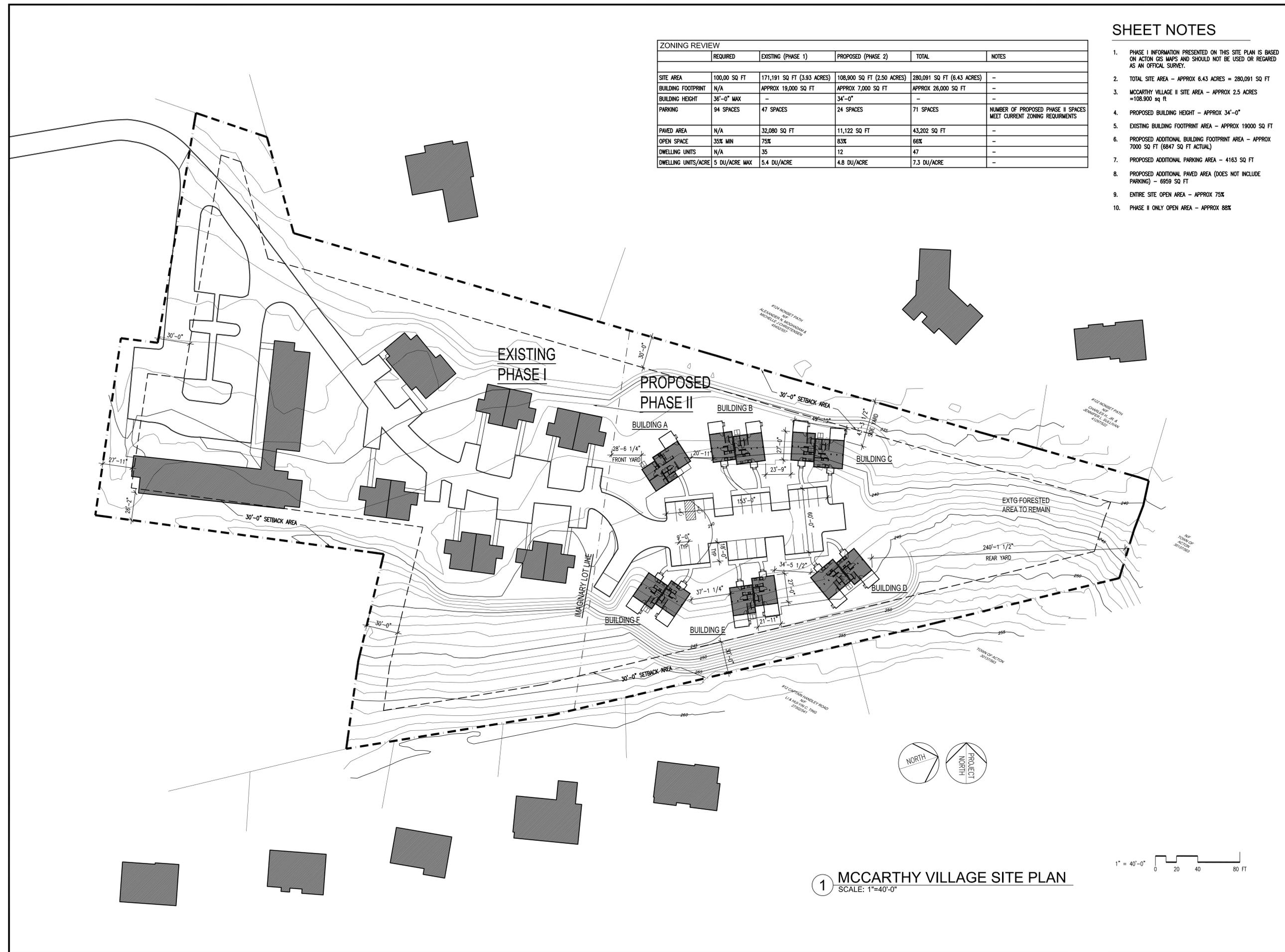
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COMBINED SITE PLAN

Drawing Number:
A-2

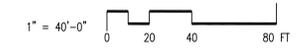
SHEET NOTES

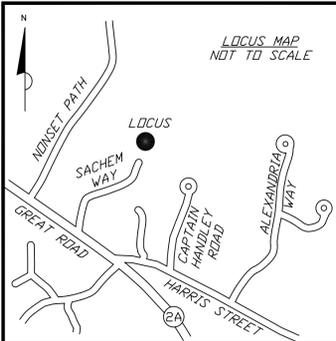
- PHASE I INFORMATION PRESENTED ON THIS SITE PLAN IS BASED ON ACTON GIS MAPS AND SHOULD NOT BE USED OR REGARDED AS AN OFFICIAL SURVEY.
- TOTAL SITE AREA - APPROX 6.43 ACRES = 280,091 SQ FT
- MCCARTHY VILLAGE II SITE AREA - APPROX 2.5 ACRES = 108,900 sq ft
- PROPOSED BUILDING HEIGHT - APPROX 34'-0"
- EXISTING BUILDING FOOTPRINT AREA - APPROX 19000 SQ FT
- PROPOSED ADDITIONAL BUILDING FOOTPRINT AREA - APPROX 7000 SQ FT (6847 SQ FT ACTUAL)
- PROPOSED ADDITIONAL PARKING AREA - 4163 SQ FT
- PROPOSED ADDITIONAL PAVED AREA (DOES NOT INCLUDE PARKING) - 6959 SQ FT
- ENTIRE SITE OPEN AREA - APPROX 75%
- PHASE II ONLY OPEN AREA - APPROX 88%

ZONING REVIEW					
	REQUIRED	EXISTING (PHASE 1)	PROPOSED (PHASE 2)	TOTAL	NOTES
SITE AREA	100,00 SQ FT	171,191 SQ FT (3.93 ACRES)	108,900 SQ FT (2.50 ACRES)	280,091 SQ FT (6.43 ACRES)	-
BUILDING FOOTPRINT	N/A	APPROX 19,000 SQ FT	APPROX 7,000 SQ FT	APPROX 26,000 SQ FT	-
BUILDING HEIGHT	36'-0" MAX	-	34'-0"	-	-
PARKING	94 SPACES	47 SPACES	24 SPACES	71 SPACES	NUMBER OF PROPOSED PHASE II SPACES MEET CURRENT ZONING REQUIREMENTS
PAVED AREA	N/A	32,080 SQ FT	11,122 SQ FT	43,202 SQ FT	-
OPEN SPACE	35% MIN	75%	83%	66%	-
DWELLING UNITS	N/A	35	12	47	-
DWELLING UNITS/ACRE	5 DU/ACRE MAX	5.4 DU/ACRE	4.8 DU/ACRE	7.3 DU/ACRE	-



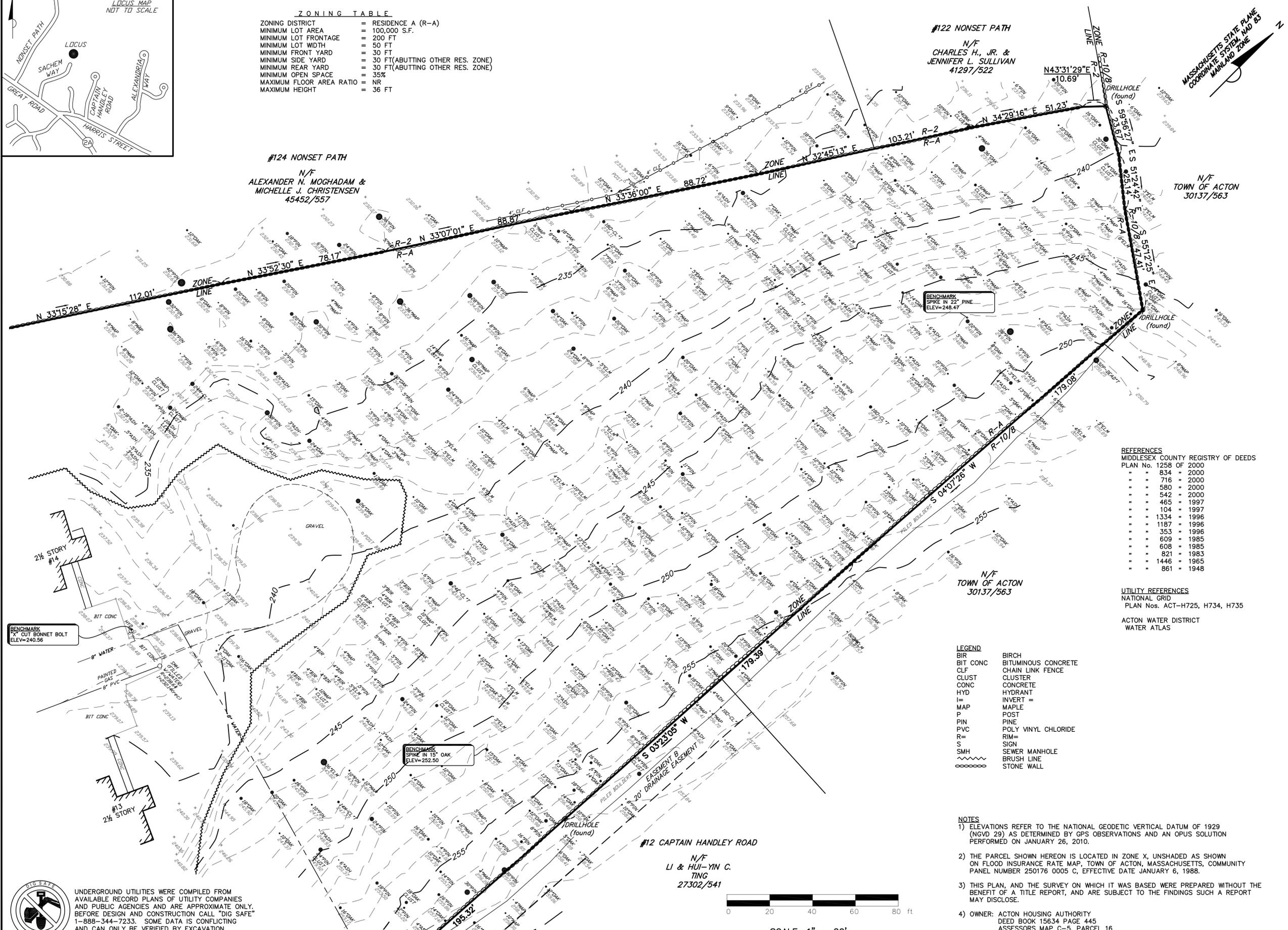
1 MCCARTHY VILLAGE SITE PLAN
 SCALE: 1"=40'-0"





ZONING TABLE

ZONING DISTRICT	= RESIDENCE A (R-A)
MINIMUM LOT AREA	= 100,000 S.F.
MINIMUM LOT FRONTAGE	= 70 FT
MINIMUM LOT WIDTH	= 50 FT
MINIMUM FRONT YARD	= 30 FT
MINIMUM SIDE YARD	= 30 FT (ABUTTING OTHER RES. ZONE)
MINIMUM REAR YARD	= 30 FT (ABUTTING OTHER RES. ZONE)
MINIMUM OPEN SPACE	= 35%
MAXIMUM FLOOR AREA RATIO	= NR
MAXIMUM HEIGHT	= 36 FT



REFERENCES

MIDDLESEX COUNTY REGISTRY OF DEEDS

PLAN No.	1258	OF	2000
"	834	"	2000
"	716	"	2000
"	580	"	2000
"	542	"	2000
"	465	"	1997
"	104	"	1997
"	1334	"	1996
"	1187	"	1996
"	353	"	1996
"	609	"	1985
"	608	"	1985
"	821	"	1983
"	1446	"	1965
"	861	"	1948

UTILITY REFERENCES

NATIONAL GRID

PLAN Nos. ACT-H725, H734, H735

ACTON WATER DISTRICT
WATER ATLAS

LEGEND

BIR	BIRCH
BIT CONC	BITUMINOUS CONCRETE
CLF	CHAIN LINK FENCE
CLUST	CLUSTER
CONC	CONCRETE
HYD	HYDRANT
I=	INVERT =
M=	MAPLE
P	POST
PIN	PINE
PVC	POLY VINYL CHLORIDE
R=	RIM=
S	SIGN
SMH	SEWER MANHOLE
~~~~~	BRUSH LINE
~~~~~	STONE WALL

- NOTES**
- ELEVATIONS REFER TO THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD 29) AS DETERMINED BY GPS OBSERVATIONS AND AN OPUS SOLUTION PERFORMED ON JANUARY 26, 2010.
 - THE PARCEL SHOWN HEREON IS LOCATED IN ZONE X, UNSHADED AS SHOWN ON FLOOD INSURANCE RATE MAP, TOWN OF ACTON, MASSACHUSETTS, COMMUNITY PANEL NUMBER 250176 0005 C, EFFECTIVE DATE JANUARY 6, 1988.
 - THIS PLAN, AND THE SURVEY ON WHICH IT WAS BASED WERE PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT, AND ARE SUBJECT TO THE FINDINGS SUCH A REPORT MAY DISCLOSE.
 - OWNER: ACTON HOUSING AUTHORITY
DEED BOOK 15634 PAGE 445
ASSESSORS MAP C-5, PARCEL 16



UNDERGROUND UTILITIES WERE COMPILED FROM AVAILABLE RECORD PLANS OF UTILITY COMPANIES AND PUBLIC AGENCIES AND ARE APPROXIMATE ONLY. BEFORE DESIGN AND CONSTRUCTION CALL "DIG SAFE" 1-888-344-7233. SOME DATA IS CONFLICTING AND CAN ONLY BE VERIFIED BY EXCAVATION.

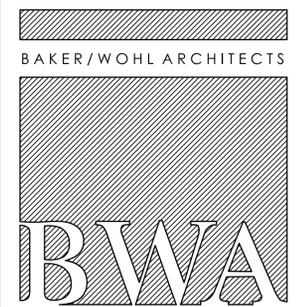
ACTON HOUSING AUTHORITY

McCARTHY VILLAGE II

SACHEM WAY
ACTON, MA



Precision Land Surveying, Inc.
32 Tumpike Road
Southborough, Massachusetts 01772
TELE No: (508) 460-1789 FAX No: (508) 970-0096
3678TP1.DWG



132 LINCOLN STREET, #4
BOSTON, MA 02111
TEL: 617.350.7420
FAX: 617.350.5383

Project No:	2915
Drawn By:	MAP
Checked By:	DJT/MAP
Issue Date:	2/10/2010

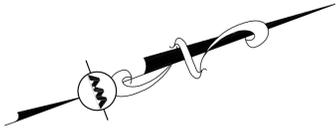
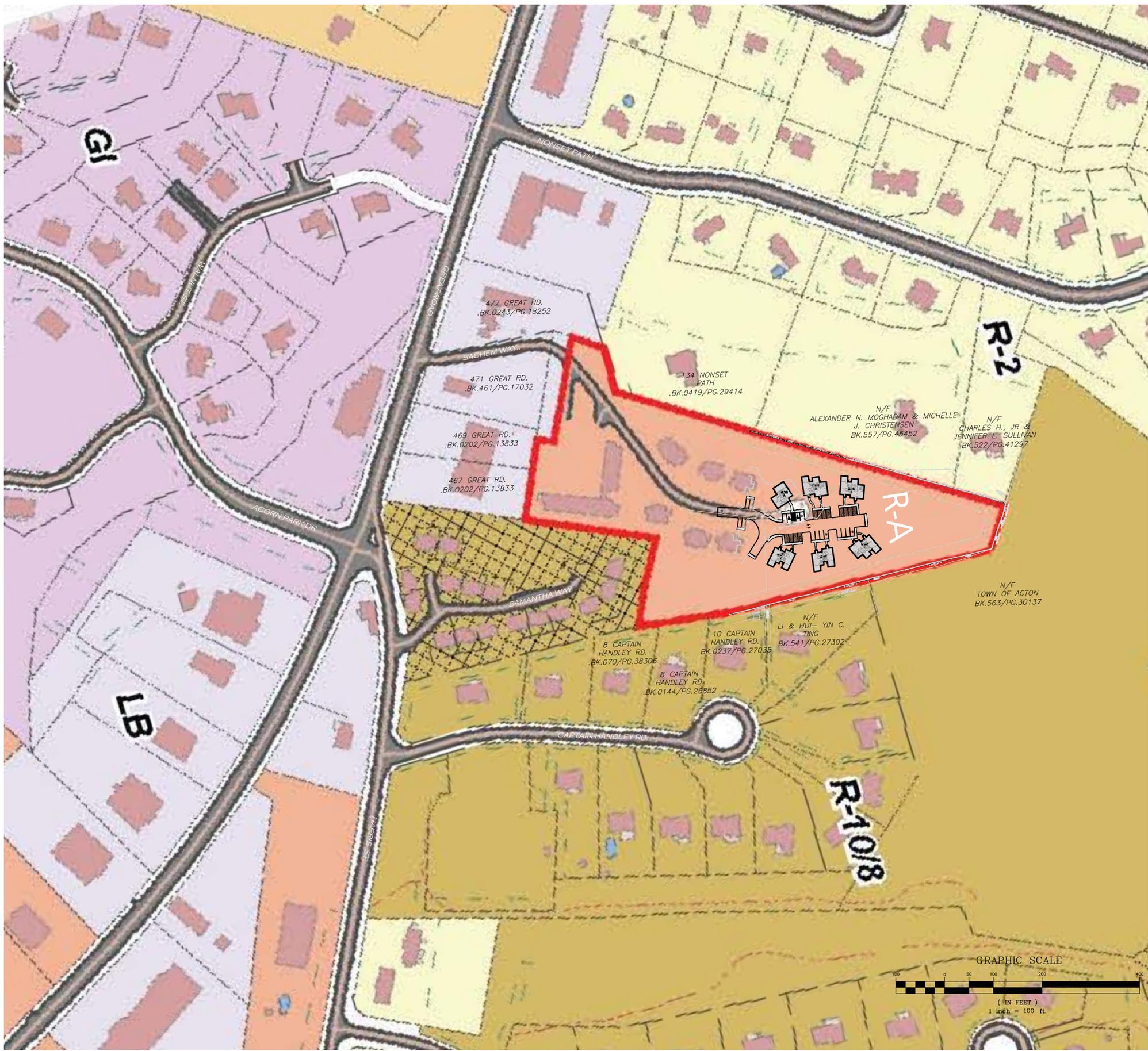
Revisions

No	Date	Description	By

Drawing Title:
SITE SURVEY

Drawing Number:
X-1

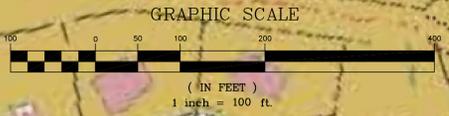
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LAND USAGE TABLE - RESIDENTIAL ZONE R-A

ITEM	REQUIRED	EXISTING (PHASE 1)	PROPOSED (PHASES 1&2)
LOT AREA (MIN.)	100,000 S.F.	280,091± S.F.	280,091± S.F.
LOT FRONTAGE (MIN.)	200'	0'	0'
LOT WIDTH (MIN.)	50'	96'±	96'±
FRONT YARD SETBACK (MIN.)	30'	N/A	N/A
SIDE YARD SETBACK (MIN.)	30'	26'±	38'±
REAR YARD SETBACK (MIN.)	30'	504'±	232'±
OPEN SPACE (MIN.)	35%	75%±	66%±
DWELLING UNIT DENSITY	N.R.	5.4± UNIT/AC.	7.3± UNIT/AC.
FLOOR AREA RATIO (MAX.)	N.R.	6.7%±	9.3%±
BUILDING COVERAGE	N.R.	19,000± S.F.	26,000± S.F.
IMPERVIOUS COVERAGE(TOTAL)	N.R.	51,924± S.F.	70,023± S.F.
BUILDING HEIGHT (MAX)	36'	34'	34'

- NOTES:**
- EXISTING CONDITIONS DATA IS TAKEN FROM A PLAN TITLED "SITE SURVEY" CREATED BY PRECISION LAND SURVEYING, INC. DATED 2/10/2010.
 - ZONE LINE AND ABUTTER INFORMATION SCALED FROM TOWN OF ACTON GIS DATA.
 - BOOK/PAGE AND PLAN REFERENCES ARE TAKEN FROM TOWN OF ACTON GIS DATA.



PROFESSIONAL ENGINEER FOR ALLEN & MAJOR ASSOCIATES, INC.

Development of McCarthy Village II

ACTON HOUSING AUTHORITY

COMPREHENSIVE PERMIT

NOT FOR CONSTRUCTION



BAKER/WOHL ARCHITECTS



132 LINCOLN STREET, #4
BOSTON, MA 02111
TEL: 617.350.7420
FAX: 617.350.5383

Project No:	1298-08
Drawn By:	BDJ
Checked By:	TJW
Issue Date:	JUNE 25, 2010

No	Date	Description	By
1	08/13/10	Town Comments	A&M
2	09/15/10	Town Comments	A&M

Drawing Title:

MASTER PLAN

Drawing Number:

C-1

Development of McCarthy Village II

ACTON HOUSING AUTHORITY

COMPREHENSIVE PERMIT

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BAKER/WOHL ARCHITECTS



132 LINCOLN STREET, #4
BOSTON, MA 02111
TEL: 617.350.7420
FAX: 617.350.5383

Project No: 1298-08
Drawn By: BDJ
Checked By: TJW
Issue Date: JUNE 25, 2010

Revisions	No	Date	Description	By
	1	08/13/10	Town Comments	A&M
	2	09/15/10	Town Comments	A&M

Drawing Title:
LAYOUT & MATERIAL PLAN

Drawing Number:
C-2

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OFF-STREET PARKING SUMMARY								
MULTIFAMILY DWELLING: 2 SPACES PER UNIT REQUIRED								
35 UNITS EXISTING								
12 UNITS PROPOSED								
47 UNITS TOTAL								
USE	STANDARD SPACES		ACCESSIBLE SPACES		TOTAL SPACES			
	EXISTING (PHASE 1)	PROPOSED (PHASE 2)	EXISTING (PHASE 1)	PROPOSED (PHASE 2)	EXISTING (PHASE 1)	PROPOSED (PHASE 2)	TOTAL (PHASES 1&2)	REQUIRED (TOTAL)
SITE TOTAL	45	22	2	2	47	24	71	94

LAND USAGE TABLE - RESIDENTIAL ZONE R-A			
ITEM	REQUIRED	EXISTING (PHASE 1)	PROPOSED (PHASES 1&2)
LOT AREA (MIN.)	100,000 S.F.	280,091± S.F.	280,091± S.F.
LOT FRONTAGE (MIN.)	200'	0'	0'
LOT WIDTH (MIN.)	50'	96'±	96'±
FRONT YARD SETBACK (MIN.)	30'	N/A	N/A
SIDE YARD SETBACK (MIN.)	30'	26'±	38'±
REAR YARD SETBACK (MIN.)	30'	504'±	232'±
OPEN SPACE (MIN.)	35%	75%±	66%±
DWELLING UNIT DENSITY	N.R.	5.4± UNIT/AC.	7.3± UNIT/AC.
FLOOR AREA RATIO (MAX.)	N.R.	6.7%±	9.3%±
BUILDING COVERAGE	N.R.	19,000± S.F.	26,000± S.F.
IMPERVIOUS COVERAGE(TOTAL)	N.R.	51,924± S.F.	70,023± S.F.
BUILDING HEIGHT (MAX)	36'	34'	34'

LEGEND:	
PROPERTY LINE	---
SIGN	⊠
BUILDING	▭
BUILDING ARCHITECTURE	▭
CAPE COD BERM CURB	▬
PARKING STRIPING	▬
TRAFFIC ARROWS	→
SIDEWALK	▬
ADA ACCESSIBLE RAMP	▬
ADA DET. WARNING SURFACE	▬
SNOW STORAGE	▬
SAWCUT LINE	▬
SETBACK LINE	---
BASELINE	---
BASELINE DATA LABEL	⊠
BASELINE STATIONING	10+00
PARKING COUNT	⊠



PROFESSIONAL ENGINEER FOR ALLEN & MAJOR ASSOCIATES, INC.

GRAPHIC SCALE

(IN FEET)
1 inch = 20 ft

10 20 30 40 50 60 70 80

Professional Engineer Seal: TIMOTHY MCGAMIS, CIVIL No. 43119, REGISTERED PROFESSIONAL ENGINEER, dated 4/15/10.

Development of McCarthy Village II

ACTON HOUSING AUTHORITY

COMPREHENSIVE PERMIT

NOT FOR CONSTRUCTION



BAKER/WOHL ARCHITECTS



132 LINCOLN STREET, #4
BOSTON, MA 02111
TEL: 617.350.7420
FAX: 617.350.5383

Project No: 1298-08
Drawn By: BDJ
Checked By: TJW
Issue Date: JUNE 25, 2010

Revisions			
No	Date	Description	By
1	08/13/10	Town Comments	A&M
2	09/15/10	Town Comments	A&M

Drawing Title:

GRADING & DRAINAGE PLAN

Drawing Number:

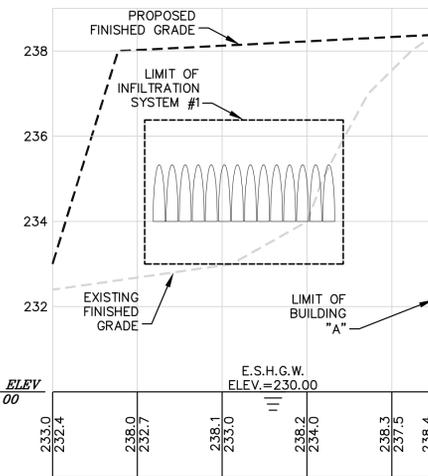
C-3

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TEST PIT INFORMATION

PERFORMED BY: UTS OF MASSACHUSETTS

DEPTH	DESCRIPTION	ELEVATION
0"	ORGANIC FOREST MAT	ELEV.=232.00
6"	RUST BROWN, FINE SAND & SILT, TRACE LOAM, ROOTS, ORGANICS, WET	230.00
30"	BROWN, FINE TO MEDIUM SAND, SOME SILT, LITTLE TO TRACE GRAVEL, COBBLES, WET	210.00

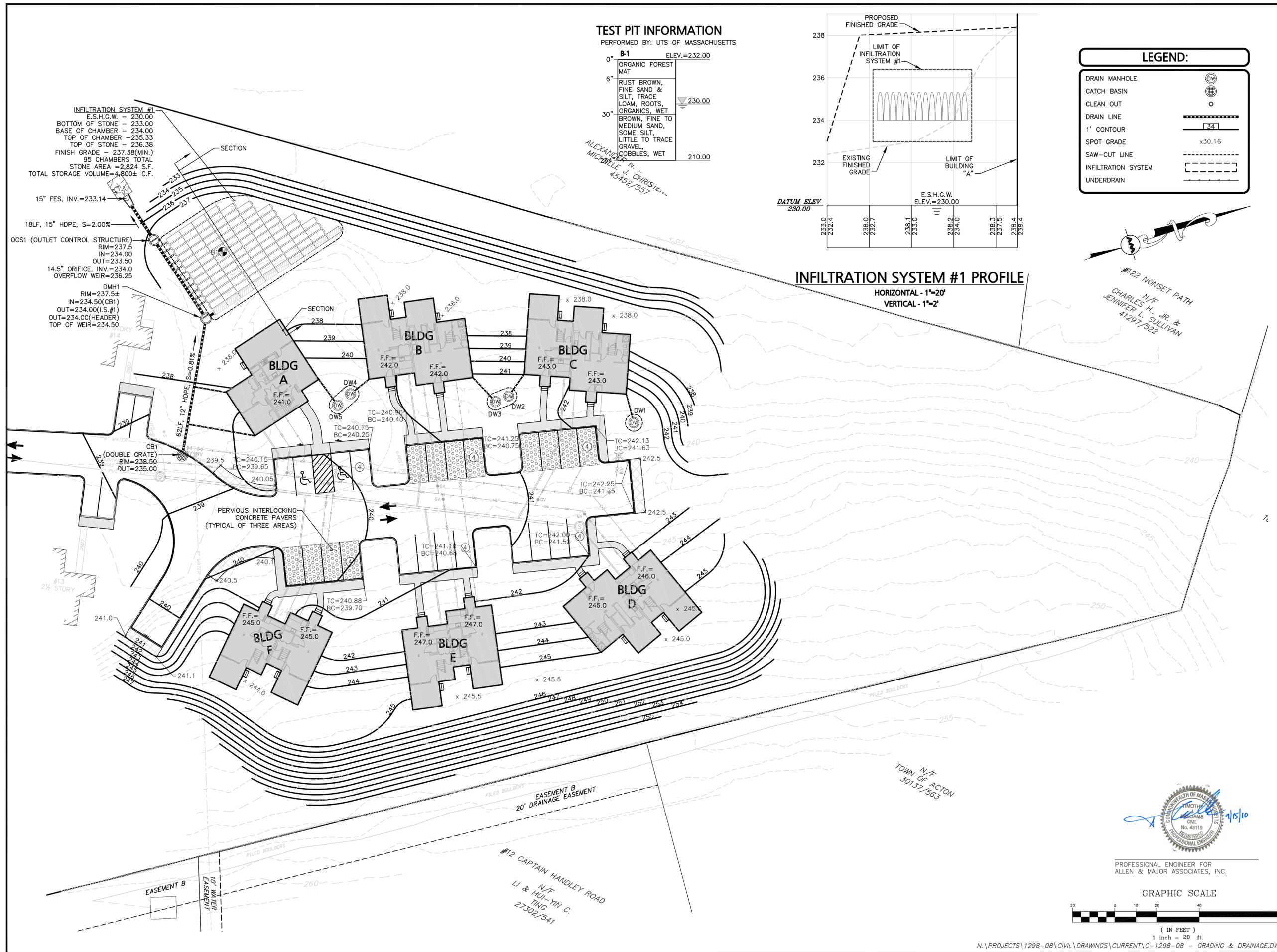


INfiltration System #1 PROFILE

HORIZONTAL - 1"=20'
VERTICAL - 1"=2'

LEGEND:

- DRAIN MANHOLE
- CATCH BASIN
- CLEAN OUT
- DRAIN LINE
- 1' CONTOUR
- SPOT GRADE
- SAW-CUT LINE
- INFILTRATION SYSTEM
- UNDERDRAIN



Development of McCarthy Village II

ACTON HOUSING AUTHORITY

COMPREHENSIVE PERMIT

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BAKER/WOHL ARCHITECTS



132 LINCOLN STREET, #4
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 TEL: 617.350.7420
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Revisions			
No	Date	Description	By
1	08/13/10	Town Comments	A&M
2	09/15/10	Town Comments	A&M

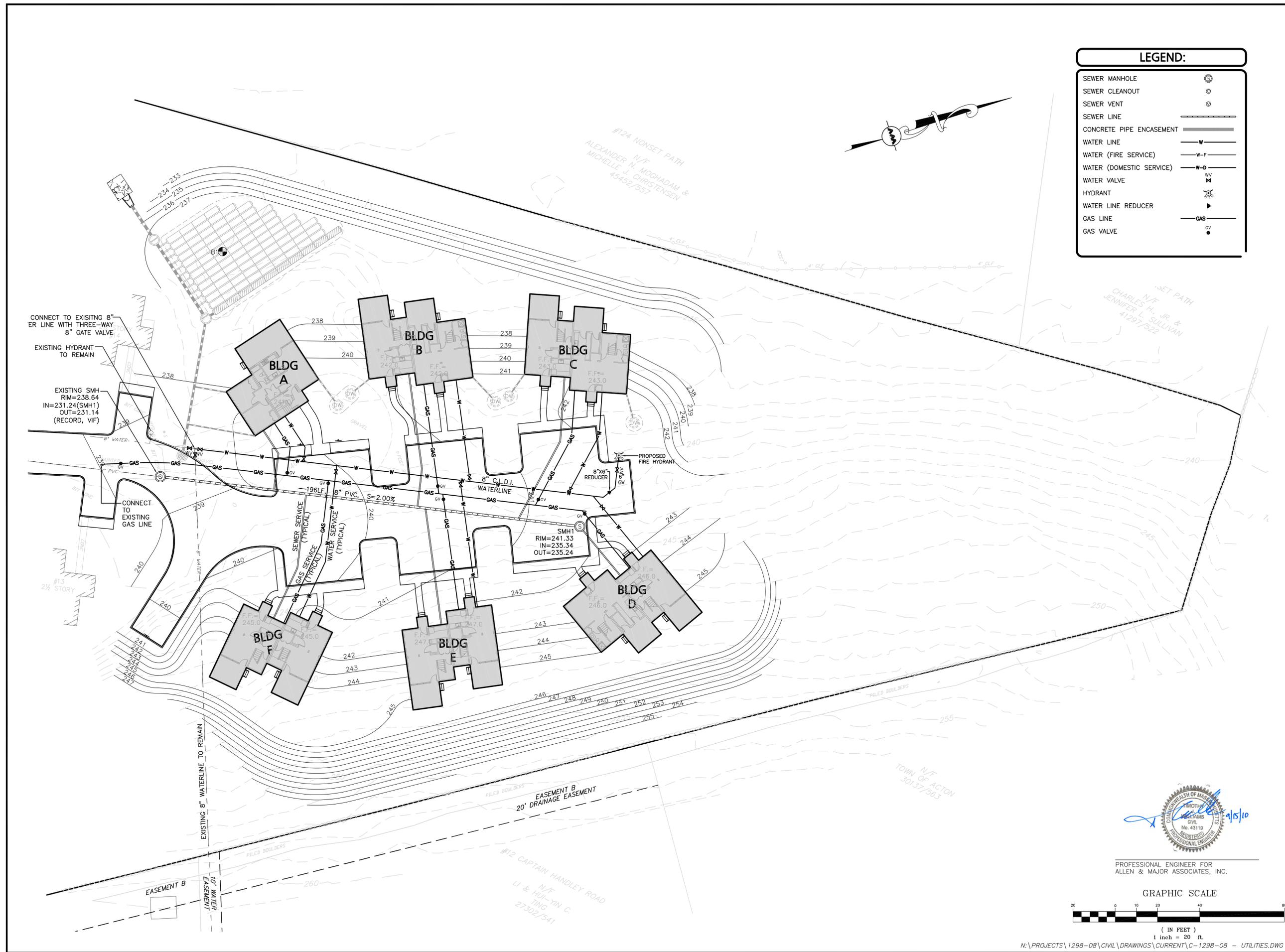
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UTILITY PLAN

Drawing Number:

C-4

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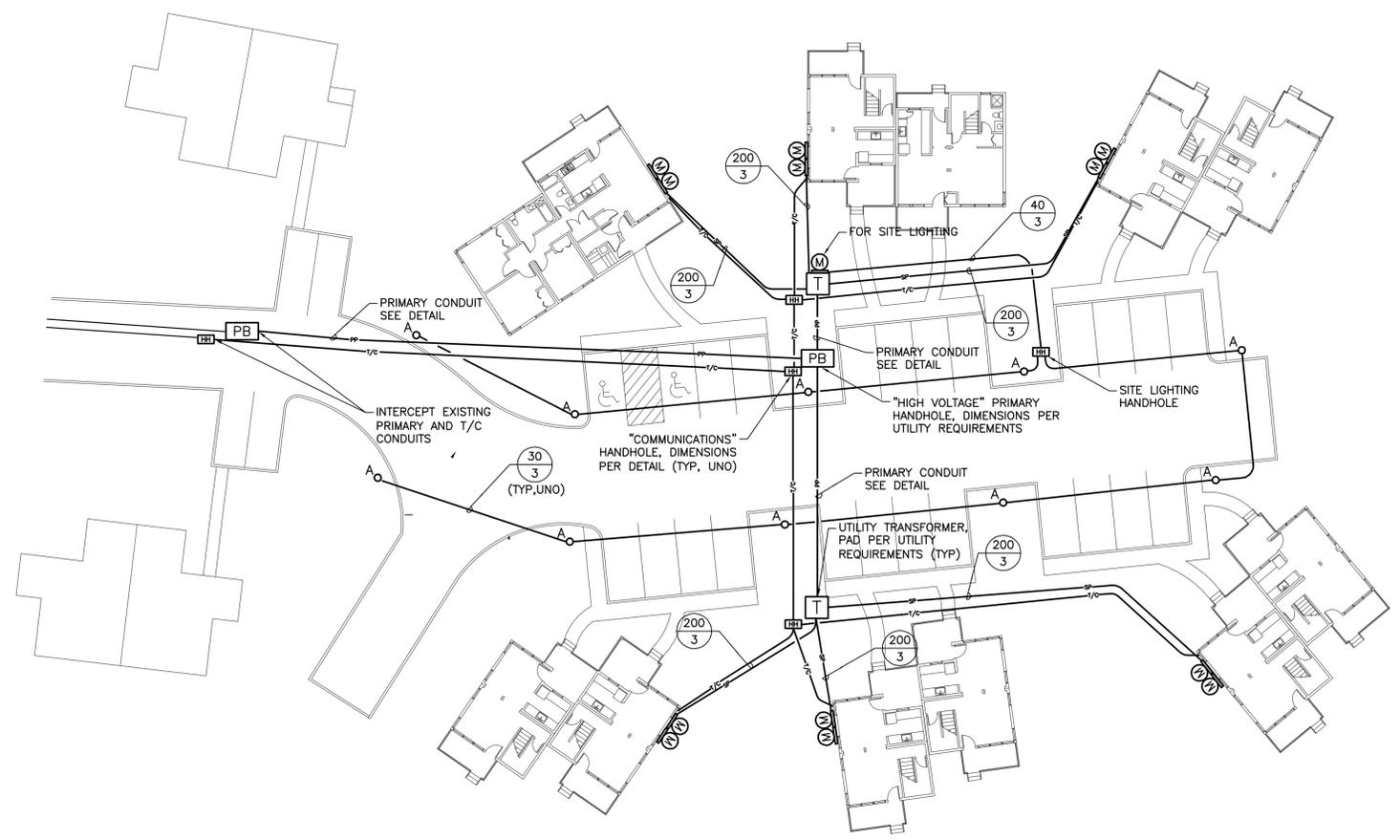
Revisions			
No	Date	Description	By
1	9/15/10	COMPREHENSIVE PERMIT	

BRANCH CIRCUIT AND FEEDER SCHEDULE

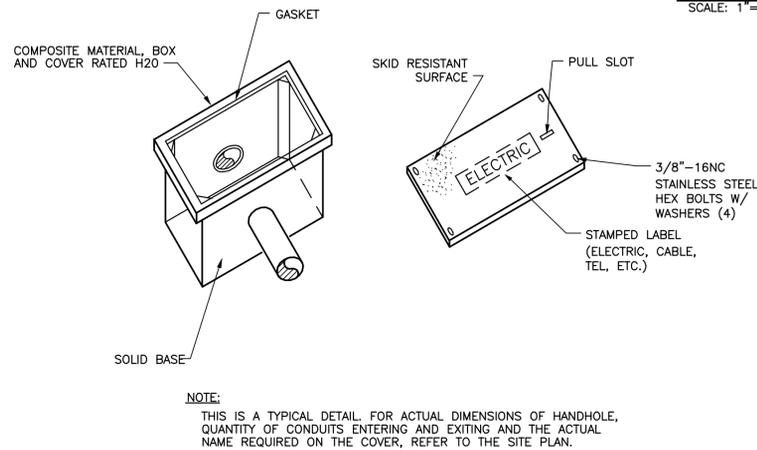
(X) INDICATES NOMINAL AMPACITY
 (X) INDICATES QUANTITY OF PHASE AND/OR NEUTRAL CONDUCTORS

NOM. AMPACITY	QTY. OF COND.	PHASE AND/OR NEUTRAL CONDUCTORS AND GROUND	RACEWAY SIZE	
			EMT	RMC
30	2	(2)#10 & 1#10 GND.	3/4"	3/4"
	3	(3)#10 & 1#10 GND.	3/4"	3/4"
	4	(4)#10 & 1#10 GND.	3/4"	3/4"
40	2	(2)#8 & 1#10 GND.	3/4"	3/4"
	3	(3)#8 & 1#10 GND.	3/4"	3/4"
	4	(4)#8 & 1#10 GND.	3/4"	3/4"
50	2	(2)#8 & 1#10 GND.	3/4"	3/4"
	3	(3)#8 & 1#10 GND.	3/4"	3/4"
	4	(4)#8 & 1#10 GND.	3/4"	3/4"
60	2	(2)#6 & 1#10 GND.	3/4"	3/4"
	3	(3)#6 & 1#10 GND.	3/4"	3/4"
	4	(4)#6 & 1#10 GND.	1"	1"
70	2	(2)#4 & 1#8 GND.	1"	1"
	3	(3)#4 & 1#8 GND.	1"	1"
	4	(4)#4 & 1#8 GND.	1 1/4"	1 1/4"
100	2	(2)#3 & 1#8 GND.	1"	1"
	3	(3)#3 & 1#8 GND.	1"	1"
	4	(4)#3 & 1#8 GND.	1 1/4"	1 1/4"
125	3	(3)#1 & 1#6 GND.	1 1/4"	1 1/4"
	4	(4)#1 & 1#6 GND.	1 1/2"	1 1/2"
	3	(3)#1/0 & 1#6 GND.	1 1/2"	1 1/4"
150	4	(4)#1/0 & 1#6 GND.	1 1/2"	1 1/2"
	3	(3)#2/0 & 1#6 GND.	1 1/2"	1 1/2"
	4	(4)#2/0 & 1#6 GND.	2"	2"
200	3	(3)#3/0 & 1#6 GND.	2"	2"
	4	(4)#3/0 & 1#6 GND.	2"	2"
	3	(3)#4/0 & 1#4 GND.	2"	2"
225	4	(4)#4/0 & 1#4 GND.	2 1/2"	2 1/2"
	3	(3)-250 KCMIL & 1#4 GND.	2"	2"
	4	(4)-250 KCMIL & 1#4 GND.	2 1/2"	2 1/2"
250	3	(3)-350 KCMIL & 1#4 GND.	2 1/2"	2 1/2"
	4	(4)-350 KCMIL & 1#4 GND.	2 1/2"	3"
	3	(3)-500 KCMIL & 1#3 GND.	2 1/2"	3"
300	4	(4)-500 KCMIL & 1#3 GND.	3"	3"
	3	(3)-500 KCMIL & 1#3 GND.	2 1/2"	3"
	4	(4)-500 KCMIL & 1#3 GND.	3"	3"
500	3	(6)-250 KCMIL & 2#2 GND.	(2)2 1/2"	(2)2 1/2"
	4	(8)-250 KCMIL & 2#2 GND.	(2)2 1/2"	(2)2 1/2"
	3	(6)-350 KCMIL & 2#1 GND.	(2)2 1/2"	(2)2 1/2"
600	4	(8)-350 KCMIL & 2#1 GND.	(2)2 1/2"	(2)3"
	3	(6)-500 KCMIL & 2#1/0 GND.	(2)2 1/2"	(2)3"
	4	(8)-500 KCMIL & 2#1/0 GND.	(2)3"	(2)3"
800	3	(9)-400 KCMIL & 3#2/0 GND.	(3)2 1/2"	(3)3"
	4	(12)-400 KCMIL & 3#2/0 GND.	(3)3"	(3)3"
	3	(9)-600 KCMIL & 3#3/0 GND.	(3)3"	(3)3"
1000	4	(12)-600 KCMIL & 3#3/0 GND.	(3)3 1/2"	(3)3 1/2"
	3	(9)-600 KCMIL & 4#4/0 GND.	(4)3"	(4)3"
	4	(16)-600 KCMIL & 4#4/0 GND.	(4)3 1/2"	(4)3 1/2"

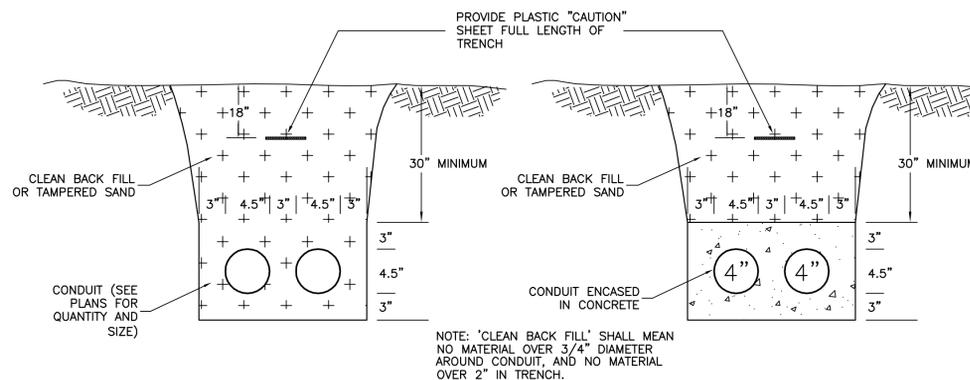
NOTE - RACEWAY SIZE BASED ON EMT/RMC TYPE THIN COPPER CONDUCTORS. ADJUST AS REQUIRED FOR OTHER RACEWAY OR CONDUCTOR TYPES.



SITE PLAN
 SCALE: 1"=20'-0"



ELECTRIC HANDHOLE DETAIL
 N.T.S.



SECONDARY CONDUIT/TRENCH DETAIL
 NO SCALE

PRIMARY CONDUIT/TRENCH DETAIL
 NO SCALE

NOTES:

- REFER TO DRAWING E0.01 FOR LEGEND AND GENERAL NOTES.
- COMPLY STRICTLY WITH ALL UTILITY COMPANY CONSTRUCTION REQUIREMENTS AND DETAILS. CONFIRM SCOPE AND LAYOUT WITH UTILITY COMPANIES PRIOR TO STARTING WORK.
- ALL T/C (TEL/CABLE) CONDUITS ARE (2) 3" PVC, W/PULL STRING.
- COORDINATE ALL ELECTRICAL, TEL/CABLE CONDUITS AND STRUCTURES WITH DRAINAGE, SANITARY, GAS, WATER, AND OTHER UTILITY LINES AND STRUCTURES.

CALCULATIONS

ALLOWED LIGHTING POWER: 0.1 WATTS/SF - PARKING LOTS, DRIVEWAYS, WALKWAYS, BIKEWAYS
 CALCULATED PARKING AREA: 11,300 SF
 CALCULATED FIXTURE POWER CONSUMPTION: 10x60 WATTS = 600 WATTS
 ACTUAL LIGHTING POWER: 600 WATTS/11,300 SF = 0.053 WATTS/SF

LEGEND

- SP— UNDERGROUND CONDUIT, PRIMARY POWER
- SP— UNDERGROUND CONDUIT, SECONDARY POWER
- T/C— UNDERGROUND CONDUIT, TELEPHONE/CABLE
- HH HANDHOLE (SEE DETAIL)
- PB PULLBOX (UTILITY STANDARD XXX-XX)
- M METER/SOCKET
- T UTILITY TRANSFORMER/PAD
- A SITE LIGHTING: ARCHITECTURAL AREA LIGHTING PROV-T5-60LED-BW

ACTON HOUSING AUTHORITY

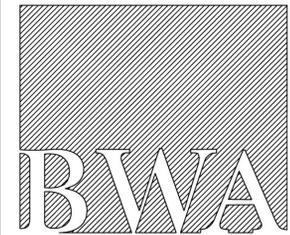
McCARTHY VILLAGE II

SACHEM WAY, ACTON, MA

COMPREHENSIVE PERMIT REV. 1

NOT FOR CONSTRUCTION

BAKER/WOHL ARCHITECTS



132 LINCOLN STREET, #4
BOSTON, MA 02111
TEL: 617.350.7420
FAX: 617.350.5383

Project No: 2915
Drawn By: JT
Checked By: AI/BB
Issue Date: 15 SEPTEMBER 2010

Revisions	No	Date	Description	By

Drawing Title:
PLANTING PLAN

Drawing Number:
L1.1

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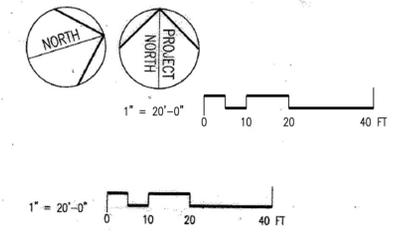


LEGEND

SYMBOL	DESCRIPTION
	GRASS
	PROPOSED TREE
	EXISTING TREE TO REMAIN
	PROPOSED SHRUBS

PLANT LIST

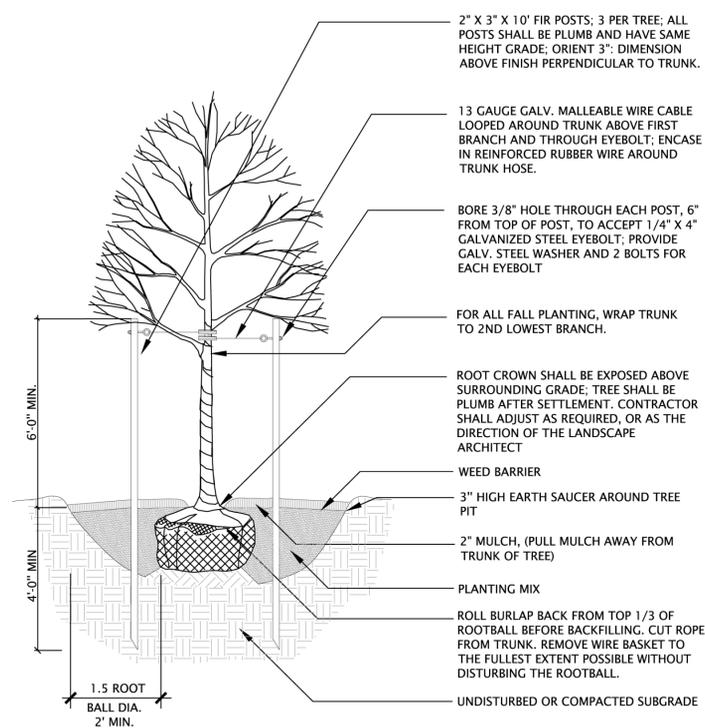
QTY.	KEY	BOTANICAL NAME	COMMON NAME	SIZE	MATURE HT.
Trees					
4	AC	Abies concolor	White Fir	8-10'	60-70'
4	AS	Acer saccharum 'Green Mountain'	Green Mountain Sugar Maple	2.5-3'	60-70'
4	HC	Halesia Carolina	Carolina Silverbell	8-10'	20-25'
16	JC	Juniperus chinensis columnaris	Green Columnar Juniper	6-7'	20-35'
1	MJ	Magnolia 'Jane'	Jane Magnolia	7-8'	15-20'
3	PA	Platanus acerifolia 'Bloodgood'	Bloodgood London Planetree	2.5-3'	70-100'
8	PAB	Picea abies	Norway Spruce	10-12'	40-60'
5	PS	Pinus strobus	White Pine	8-10'	50-80'
1	QP	Quercus palustris	Pin Oak	3.5-4'	60-70'
2	QR	Quercus rubra	Red Oak	2.5-3'	60-75'
4	TP	Thuja plicata	Western Arborvitae	8-10'	60-70'
2	ZS	Zelkova serrata 'Village Green'	Village Green Zelkova	2.5-3'	50-60'
Shrubs					
6	ENK	Enkianthus campanulatus	Redvein Enkianthus	2.5-3'	
11	FG	Fothergilla gardenii	Dwarf Fothergilla	18-24"	
6	HPW	Hydrangea paniculata 'Pinky Winky'	Pinky Winky Hydrangea	18-24"	
3	HPL	Hydrangea paniculata 'Limelight'	Limelight Hydrangea	18-24"	
18	IG	Ilex glabra 'Densa'	Densa Inkberry	2-2.5'	
7	PMF	Pieris 'Mountain Fire'	Mountain Fire Andromeda	2-2.5'	
4	RCA	Rhododendron catawbiense 'Album'	White Catawba Rhododendron	2.5-3'	
10	SAW	Spiraea 'Anthony Waterer'	Anthony Waterer Spiraea	18-24"	
22	TCG	Taxus cuspidata 'Greenwave'	Greenwave Yew	2-2.5'	
3	VPT	Viburnum plicatum tomentosum	Doublefile Viburnum	3-4'	



1 PLANTING PLAN
SCALE: 1"=20'-0"



Revisions			
No	Date	Description	By



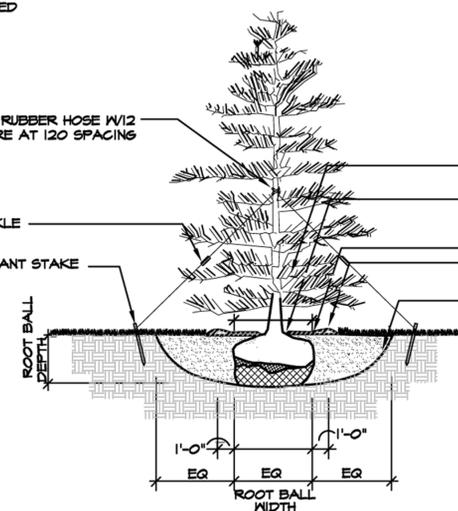
DECIDUOUS TREE PLANTING
NOT TO SCALE

NOTE: GUYS REQUIRED ON TREES 14' OR TALLER UNLESS OTHERWISE NOTED

TWO-PLY REINFORCED RUBBER HOSE W/1/2 GAGE GALVANIZED WIRE AT 120 SPACING

GALVANIZED TURNBUCKLE

2"X2"X24" ROT-RESISTANT STAKE



EVERGREEN TREE PLANTING IN LAWN AND PLANTING BEDS
Not to Scale

Development of McCarthy Village II

ACTON HOUSING AUTHORITY

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BAKER/WOHL ARCHITECTS



132 LINCOLN STREET, #4
BOSTON, MA 02111
TEL: 617.350.7420
FAX: 617.350.5383

Project No: 1298-08

Drawn By: BDJ

Checked By: TJW

Issue Date: JUNE 25, 2010

Revisions			
No	Date	Description	By
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2	09/15/10	Town Comments	A&M

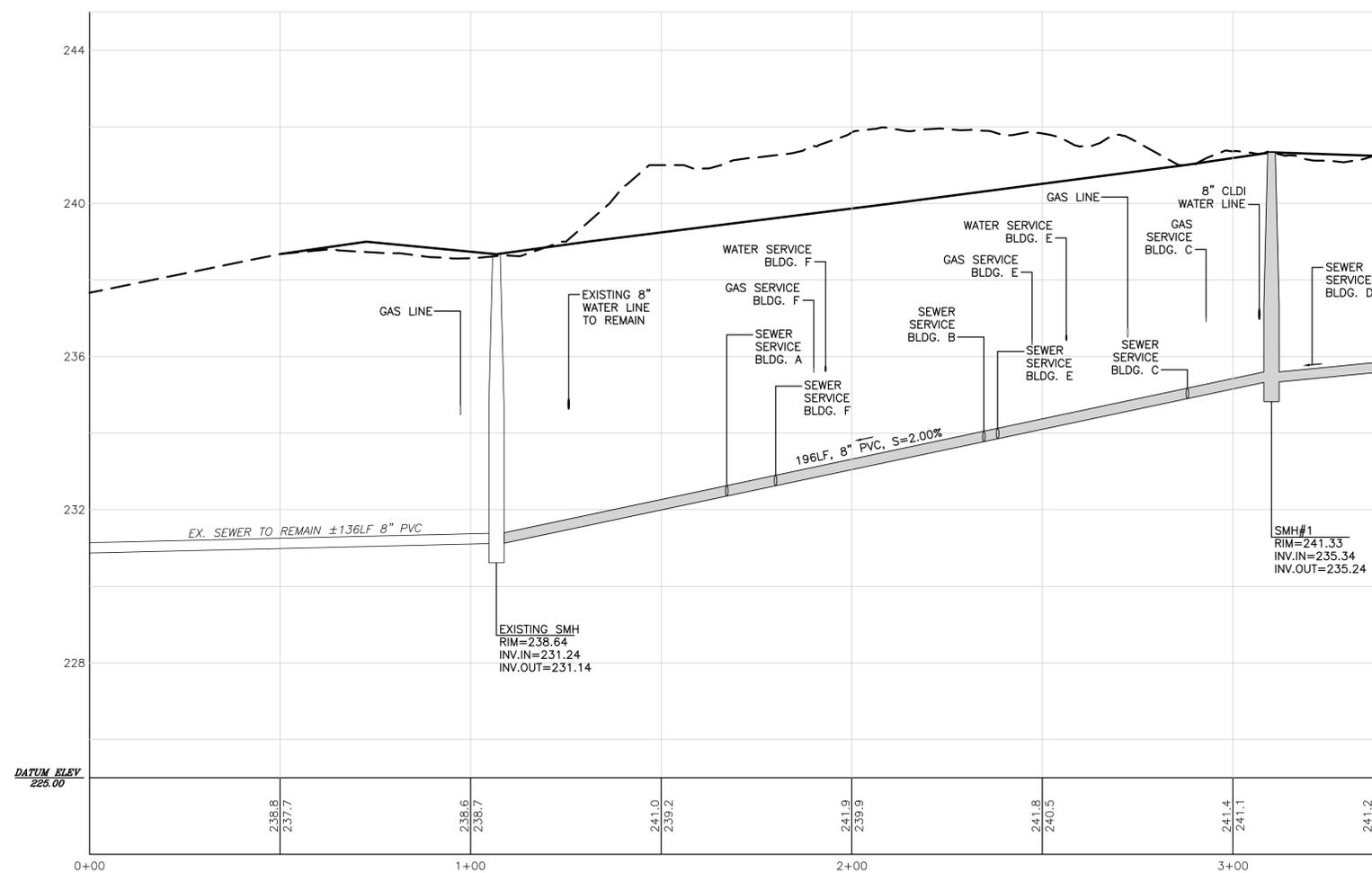
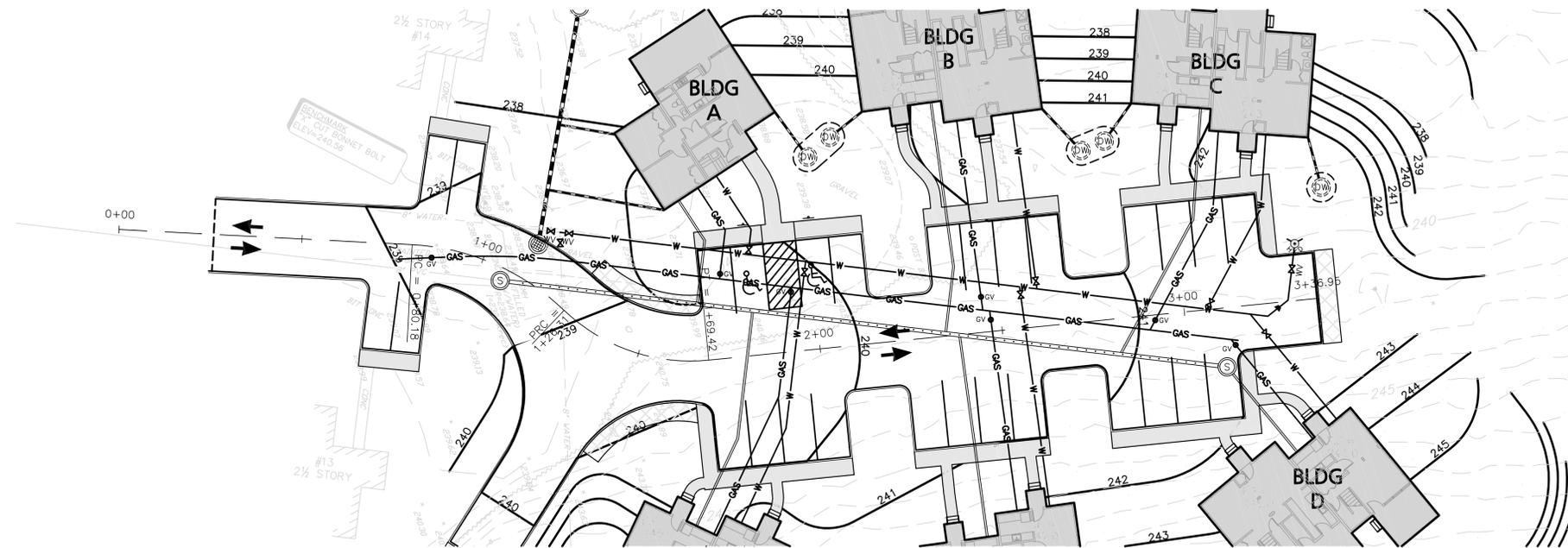
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**SITE PLAN
&
PROFILE**

Drawing Number:

C-5

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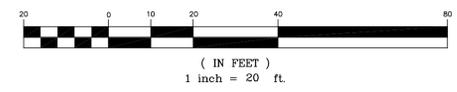


LEGEND:	
PROP. SEWER LINE	———
EX. SEWER LINE	———
PROP. WATER LINE	———
PROP. DRAIN LINE	———
PROP. GAS LINE	———
EXISTING GRADE	———
PROPOSED GRADE	———



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GRAPHIC SCALE



N:\PROJECTS\1298-08\CIVIL\DRAWINGS\CURRENT\C-1298-08-PROFILE.DWG

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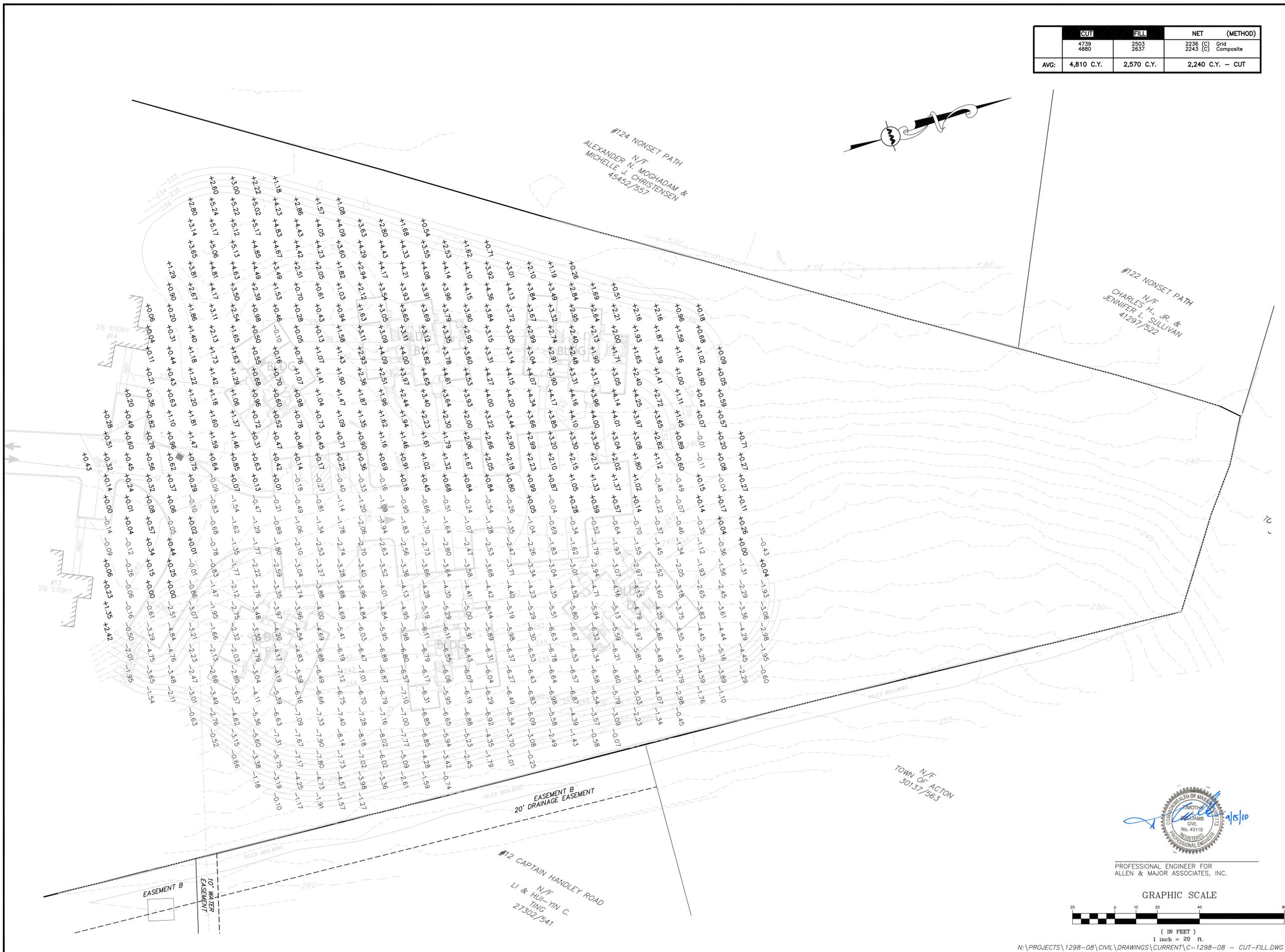
EARTH WORK PLAN

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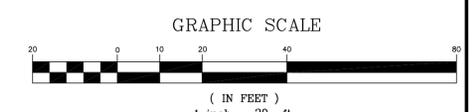
C-6

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	CUT	FILL	NET	(METHOD)
	4739 4880	2503 2637	2236 (C) 2243 (C)	Grid Composite
AVG:	4,810 C.Y.	2,570 C.Y.	2,240 C.Y. - CUT	



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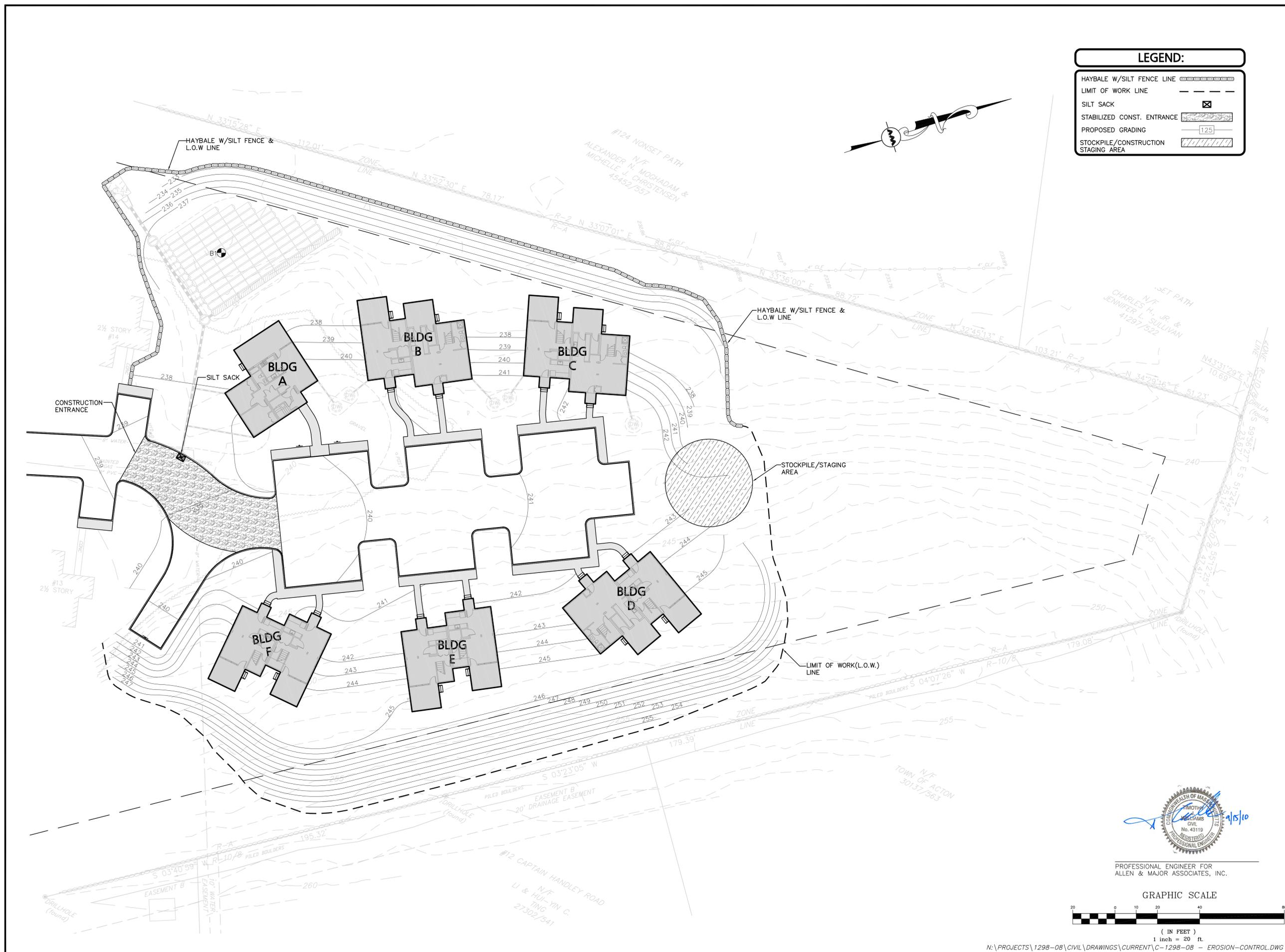
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EROSION CONTROL PLAN

Drawing Number:

C-7

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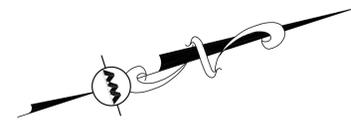
Drawing Title:

LIGHTING PLAN

Drawing Number:

XX

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LEGEND:

LIGHT FIXTURE

SITE LIGHTING NOTES:

1. ALL LIGHTING FIXTURES SHALL BE MANUFACTURED BY ARCHITECTURAL AREA LIGHTING OR APPROVED EQUAL AS SUPPLIED BY VANGUARD LIGHTING.

CONTACT INFORMATION:
MIKE SMITH
VANGUARD LIGHTING
44 SIXTH ROAD
WOBURN, MA 01801
(781) 935-8500



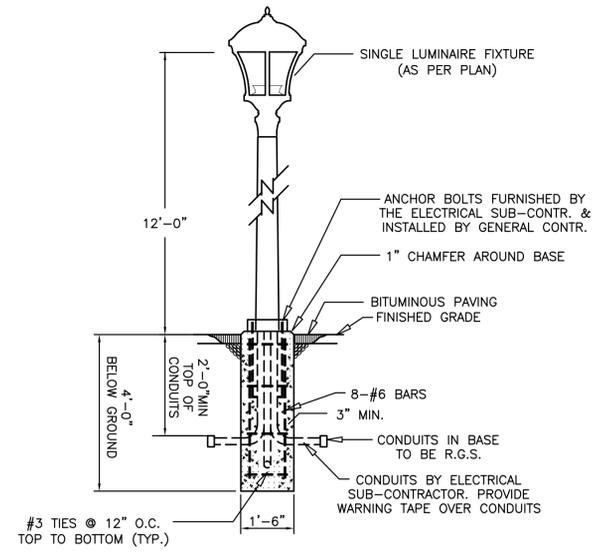
ARCHITECTURAL AREA LIGHTING PRODUCTS (SITE LIGHTING)

TYPE: 'T5'
FIXTURE: PROV-T5-60LED-BW
POLE: MOUNTED ON A DB6-4R12 BLACK
COLOR: BLACK



2. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AND STRUCTURES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THIS INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE LOCATION OF ALL UNDERGROUND UTILITIES AND STRUCTURES SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR MUST CONTACT THE APPROPRIATE UTILITY COMPANY, ANY GOVERNING PERMITTING AUTHORITY, AND "DIGSAFE" AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION WORK TO REQUEST EXACT FIELD LOCATION OF UTILITIES AND THE ENGINEER SHALL BE NOTIFIED IN WRITING OF ANY UTILITIES INTERFERING WITH THE PROPOSED CONSTRUCTION AND APPROPRIATE REMEDIAL ACTION TAKEN BEFORE PROCEEDING WITH THE WORK. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.

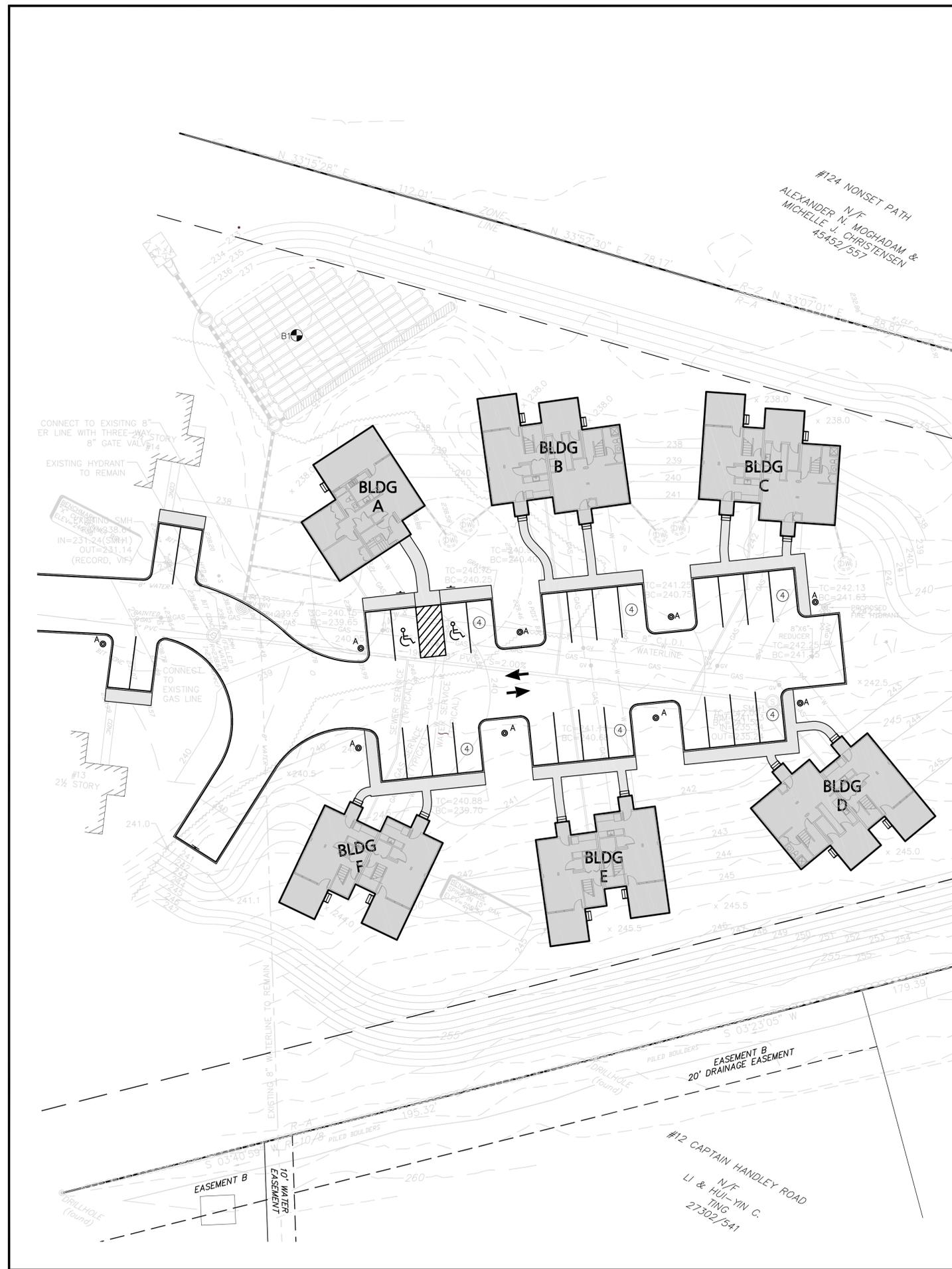
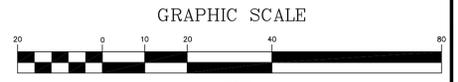
3. THE INFORMATION SHOWN ON THIS PLAN IS THE SOLE PROPERTY OF ALLEN & MAJOR ASSOCIATES, INC. IT'S INTENDED USE IS TO PROVIDE INFORMATION, ANY ALTERATION, MISUSE, OR RECALCULATION OF INFORMATION OR DATA WITHOUT THE EXPRESSED, WRITTEN CONSENT OF ALLEN & MAJOR ASSOCIATES, INC. IS STRICTLY PROHIBITED.



SITE LIGHTING TYPE 'T3' & 'T5' POLE BASE DETAIL
NOT TO SCALE



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Development of McCarthy Village II

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BAKER/WOHL ARCHITECTS

BWA

132 LINCOLN STREET, #4
BOSTON, MA 02111
TEL: 617.350.7420
FAX: 617.350.5383

Project No: 1298-08

Drawn By: BDJ

Checked By: TJW

Issue Date: JUNE 25, 2010

Revisions

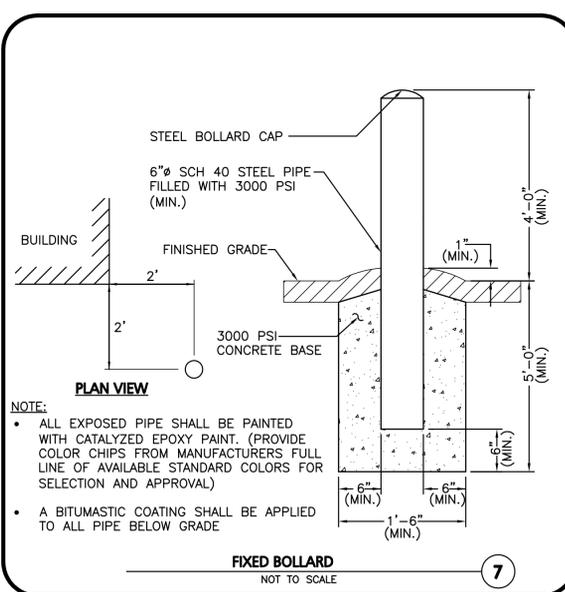
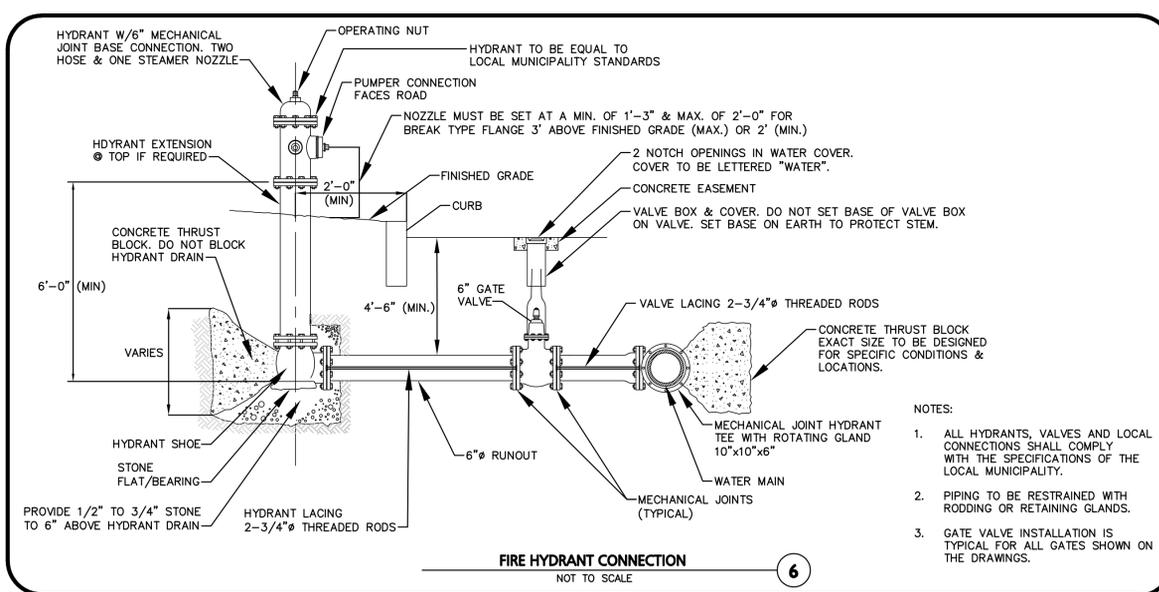
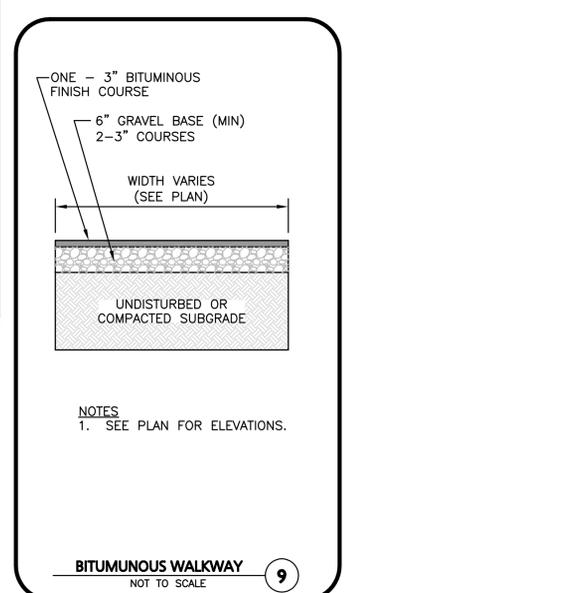
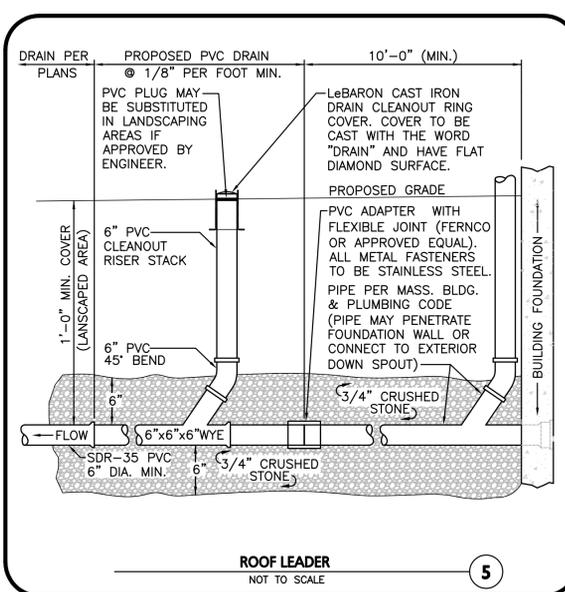
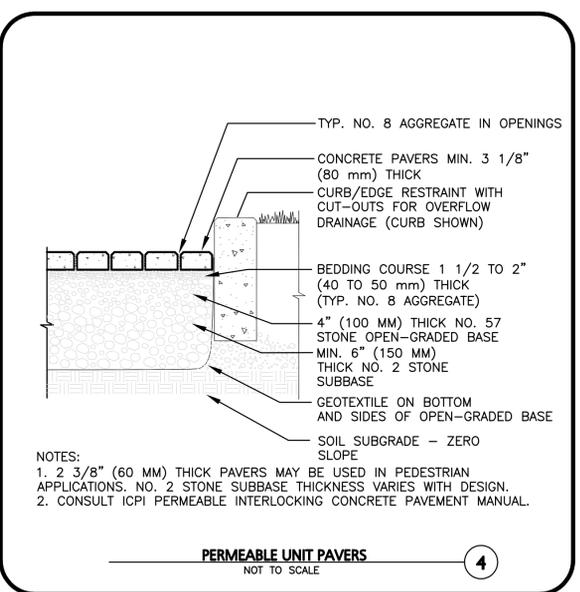
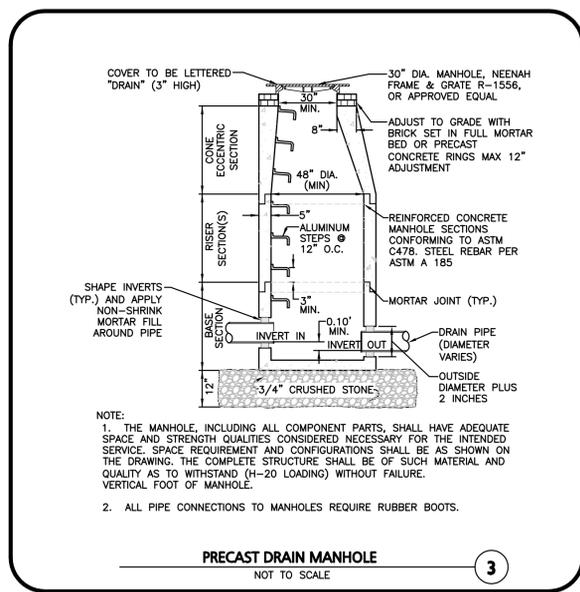
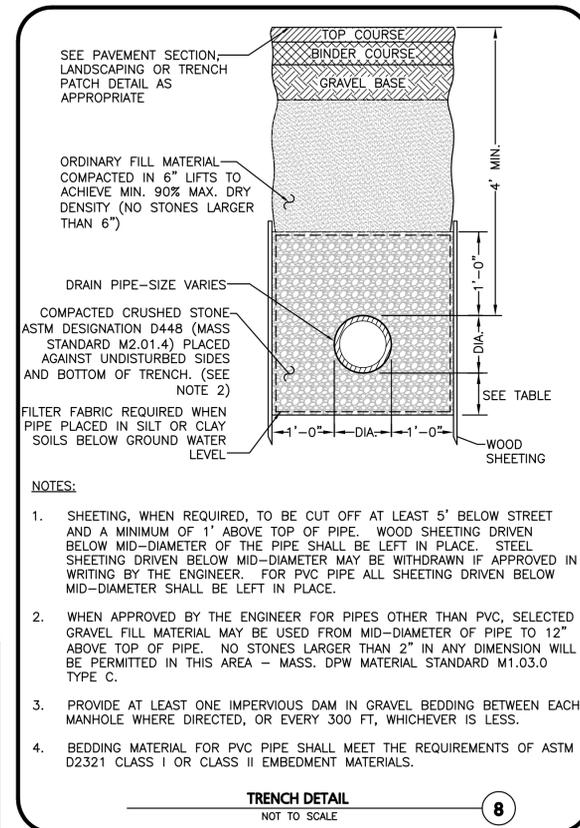
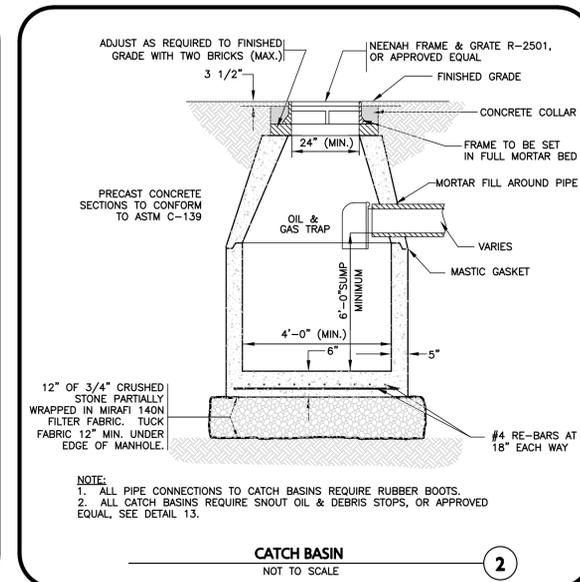
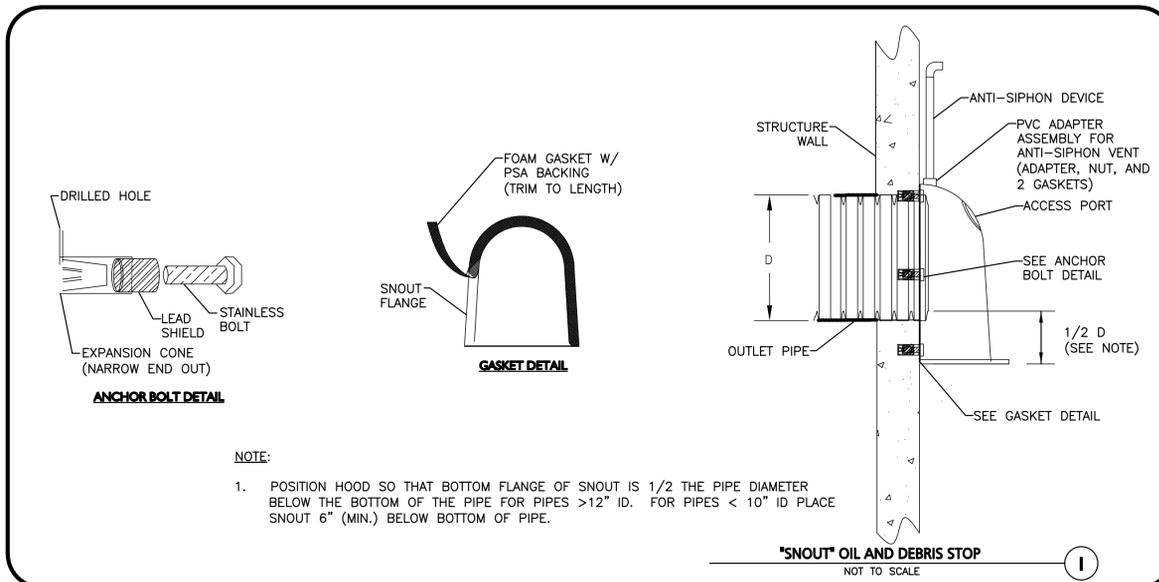
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1	08/13/10	Town Comments	A&M
2	09/15/10	Town Comments	A&M

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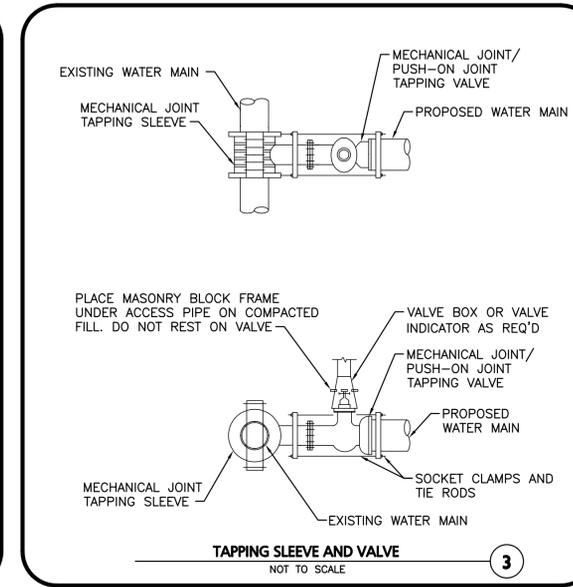
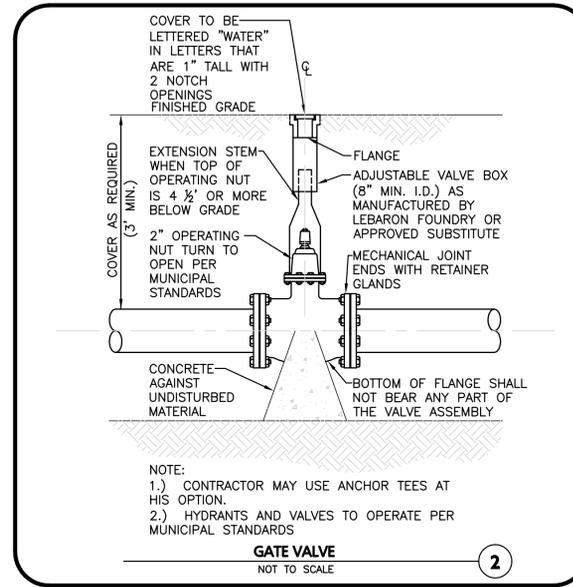
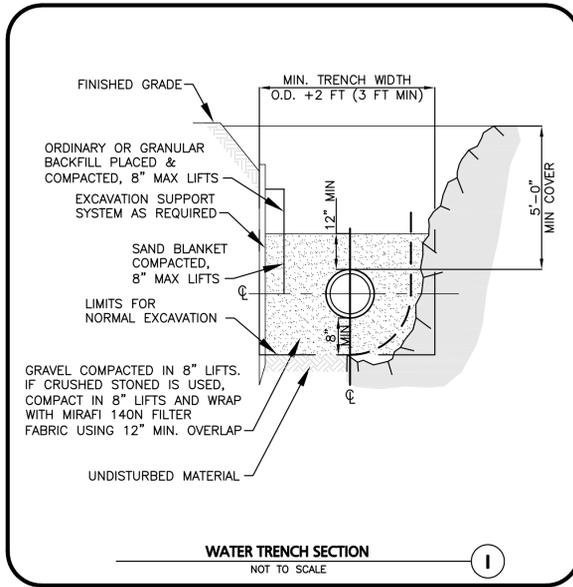
DETAILS

Drawing Number:

C-9



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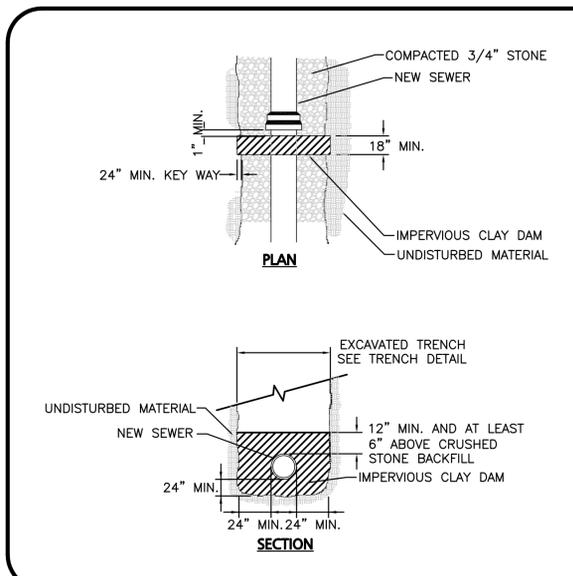


PIPE DIAMETER	MINIMUM THRUST BLOCK BEARING AREAS			
	90° BEND (SQ. FT.)	45° BEND (SQ. FT.)	22.5° BEND (SQ. FT.)	TEES, PLUGS, CAPS & HYDRANTS (SQ. FT.)
6"	5	3	3	4
8"	9	6	3	9
10"	13	7	4	12
12"	20	10	5	16

SOFT CLAY 4
SAND 2
SAND & GRAVEL 1.33
SHALE 0.4

THRUST BLOCKS
SCALE: N.T.S.

- NOTES:
- ALL WATER MAIN FITTINGS, BENDS, TEES, PLUGS ETC. SHALL BE RESTRAINED W/ THRUST BLOCKS EXCEPT WHERE NOTED.
 - ALL THRUST BLOCKS & COLLARS SHALL BE INSTALLED SO THAT THEY BEAR AGAINST UNDISTURBED EARTH.
 - SIZE OF CONCRETE THRUST BLOCKS SHALL BE AS NOTED BELOW.
 - MINIMUM COMPRESSIVE STRENGTH OF THRUST BLOCK CONCRETE SHALL BE 3,000 P.S.I.
 - KEEP CONCRETE CLEAR OF MECHANICAL JOINTS.
 - THE BELOW PREDICATED ON A WATER PRESSURE OF 225 PSI AND A SOIL RESISTANCE OF 2000 PSF (TILL). FOR OTHER SOILS THE VALUES IN THE ABOVE TABLE SHALL BE MULTIPLIED BY:
 - ALL CAST-IN-PLACE THRUST BLOCKS SHALL BE FORMED UP WITH PLYWOOD SO THAT CONCRETE IS NOT CAST AROUND FITTINGS OR MECHANICAL JOINTS.



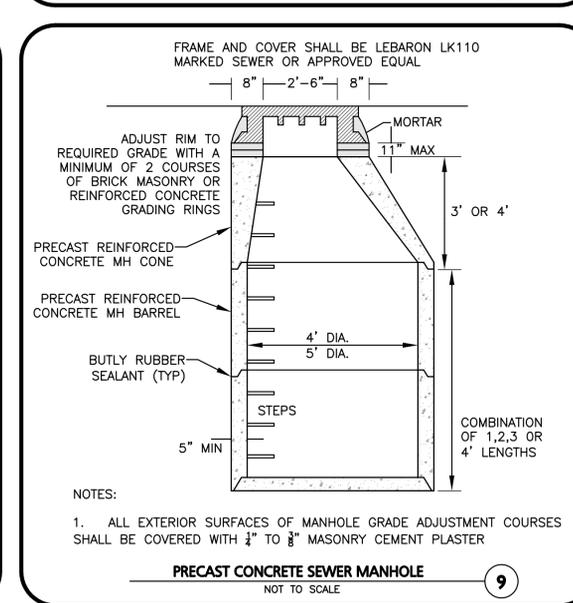
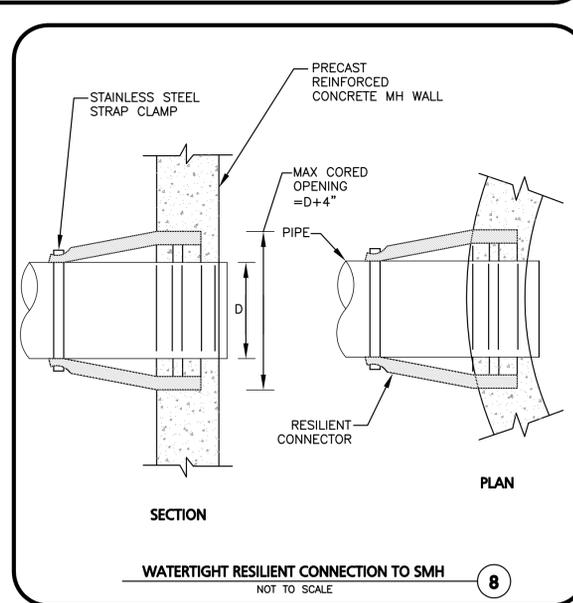
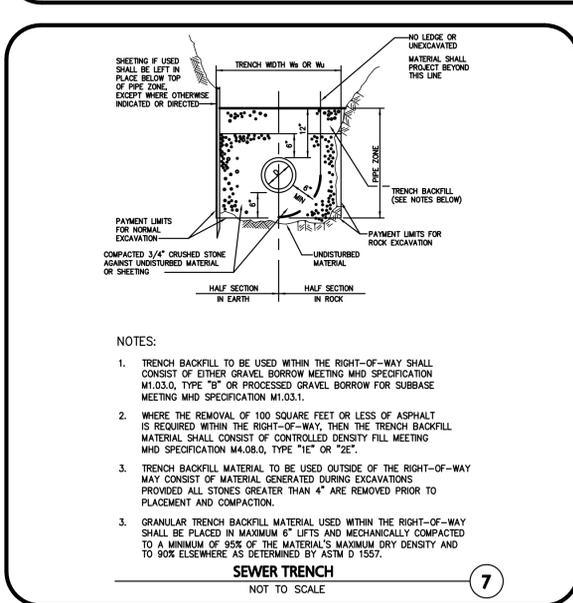
- NOTES:
- IMPERVIOUS CLAY Baffles SHALL BE CONSTRUCTED WITH SOIL HAVING A HYDRAULIC CONDUCTIVITY OF 1X10⁻⁷ CM/SEC (CLAY) THAT IS PLACED IN A CONTROLLED MANNER AND COMPACTED TO THE REQUIRED DENSITY FOR TRENCH BACKFILL OR FLOWABLE FILL.
 - THE TOP OF THE TRENCH DAM SHALL EXTEND A MINIMUM OF 5'-0" ABOVE THE GROUND WATER LEVEL, AS DETERMINED BY THE NEAREST BORING OR BY THE ENGINEER, BUT SHALL NOT EXCEED A DEPTH OF 1'-0" BELOW FINISH GRADE.

FOR PIPE TRENCHES

- PIPE TRENCHES MAY BE EXCAVATED WIDER THAN TRENCH WIDTH W_s (SHEETED) OR W_u (UNSHEETED) ABOVE THE TOP OF PIPE ZONE.
- TRENCHES SHALL NOT BE EXCAVATED BEYOND THE TRENCH WIDTH W_u BELOW THE TOP OF PIPE ZONE.
- SHEETING MUST BE USED IF EXCAVATION AND BACKFILL, BELOW NORMAL DEPTH, IS REQUIRED. SHEETING SHALL BE LEFT IN PLACE AS SPECIFIED.
- ALL ROCK WITHIN 3'-0" HORIZONTALLY OF THE ENDS OF BUILDING CONNECTIONS, BRANCHES OR STUBS AND DOWN TO A HORIZONTAL PLANE 6" BELOW THE BOTTOMS OF SUCH CONNECTIONS, BRANCHES OR STUBS, SHALL BE EXCAVATED.
- WHERE INDICATED ON THE DRAWINGS, GEOTEXTILE FILTER FABRIC SHALL BE PROVIDED FOR SEWER AND BUILDING CONNECTION FOUNDATIONS. OVERLAP FABRIC ABOVE THE PIPE CROWN AND PROVIDE A MINIMUM OF 12" FABRIC OVERLAP.

NOMINAL PIPE DIAMETER D	DEPTH OF PIPE INVERT BELOW GROUND SURFACE	
	0 TO 12'	12' TO 20'
24" AND SMALLER	5'-0"	7'-0"
OVER 24"	D + 3'-0"	D + 5'-0"

GENERAL NOTES
NOT TO SCALE



NOTES:

- ALL EXTERIOR SURFACES OF MANHOLE GRADE ADJUSTMENT COURSES SHALL BE COVERED WITH 1/2" TO 3/8" MASONRY CEMENT PLASTER

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Development of McCarthy Village II

ACTON HOUSING AUTHORITY

COMPREHENSIVE PERMIT NOT FOR CONSTRUCTION



BAKER/WOHL ARCHITECTS



132 LINCOLN STREET, #4
BOSTON, MA 02111
TEL: 617.350.7420
FAX: 617.350.5383

Project No: 1298-08
Drawn By: BDJ
Checked By: TJW
Issue Date: JUNE 25, 2010

No	Date	Description	By
1	08/13/10	Town Comments	A&M
2	09/15/10	Town Comments	A&M

Drawing Title:

DETAILS

Drawing Number:

C-10

Development of McCarthy Village II

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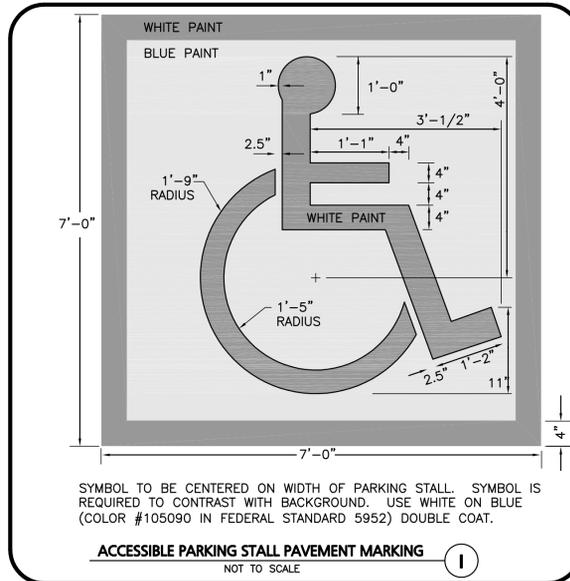
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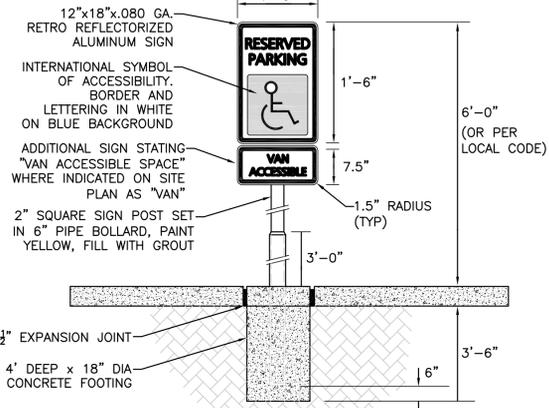
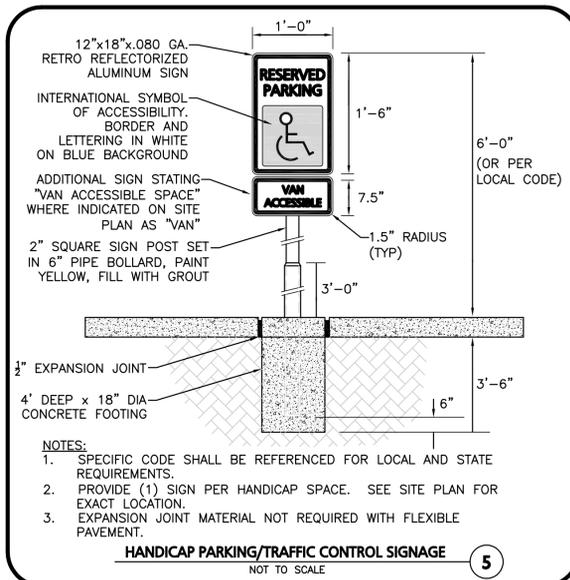
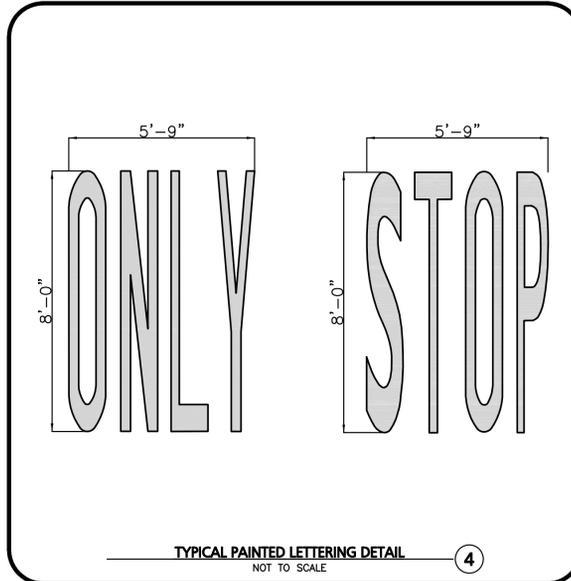
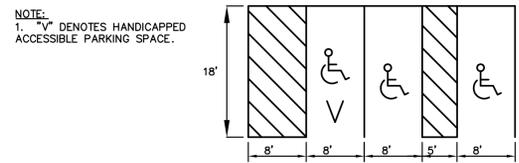
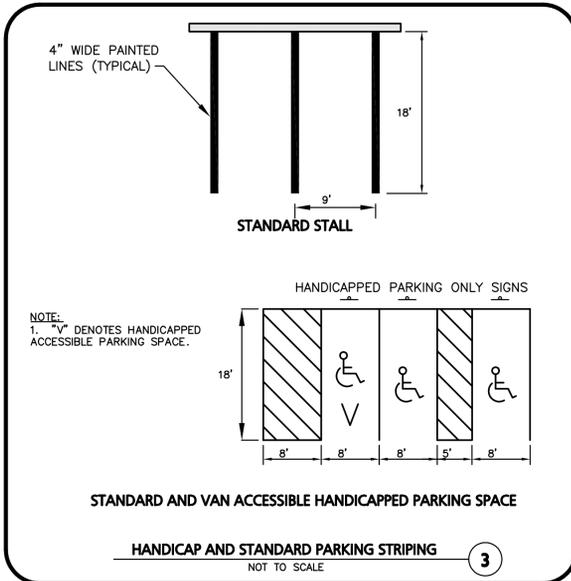
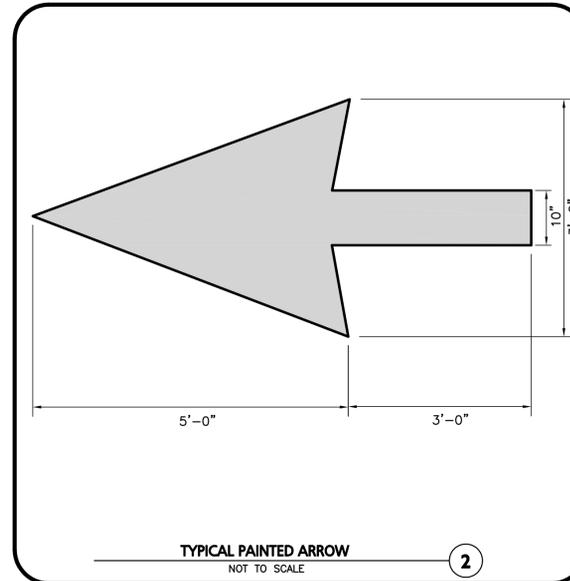
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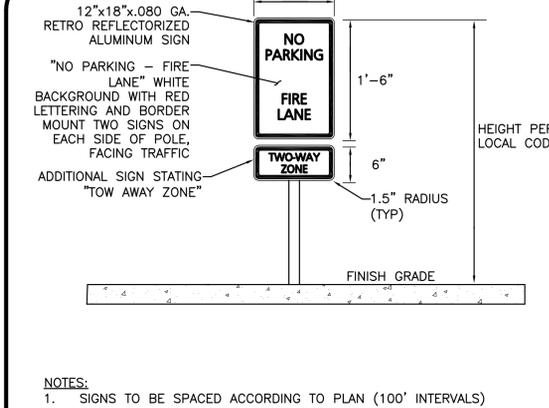
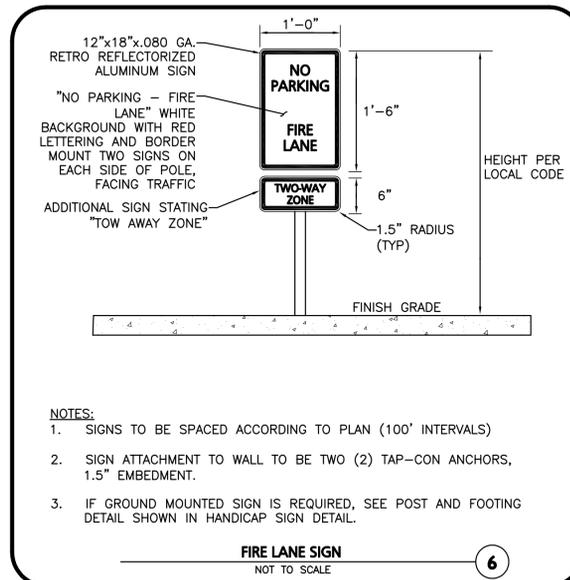
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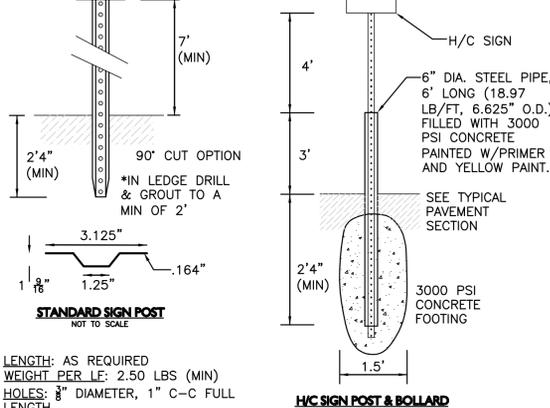
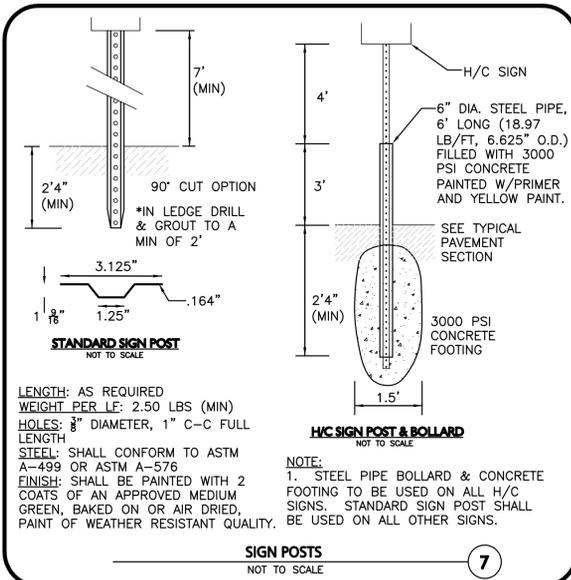
SYMBOL TO BE CENTERED ON WIDTH OF PARKING STALL. SYMBOL IS REQUIRED TO CONTRAST WITH BACKGROUND. USE WHITE ON BLUE (COLOR #105090 IN FEDERAL STANDARD 5952) DOUBLE COAT.



NOTES:
1. SPECIFIC CODE SHALL BE REFERENCED FOR LOCAL AND STATE REQUIREMENTS.
2. PROVIDE (1) SIGN PER HANDICAP SPACE. SEE SITE PLAN FOR EXACT LOCATION.
3. EXPANSION JOINT MATERIAL NOT REQUIRED WITH FLEXIBLE PAVEMENT.



NOTES:
1. SIGNS TO BE SPACED ACCORDING TO PLAN (100' INTERVALS)
2. SIGN ATTACHMENT TO WALL TO BE TWO (2) TAP-CON ANCHORS, 1.5" EMBEDMENT.
3. IF GROUND MOUNTED SIGN IS REQUIRED, SEE POST AND FOOTING DETAIL SHOWN IN HANDICAP SIGN DETAIL.

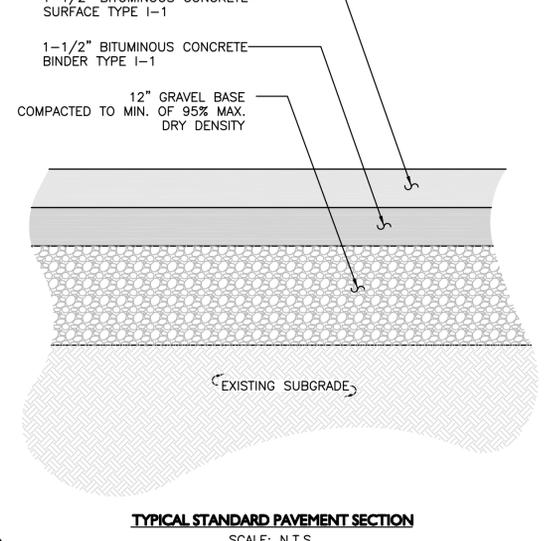
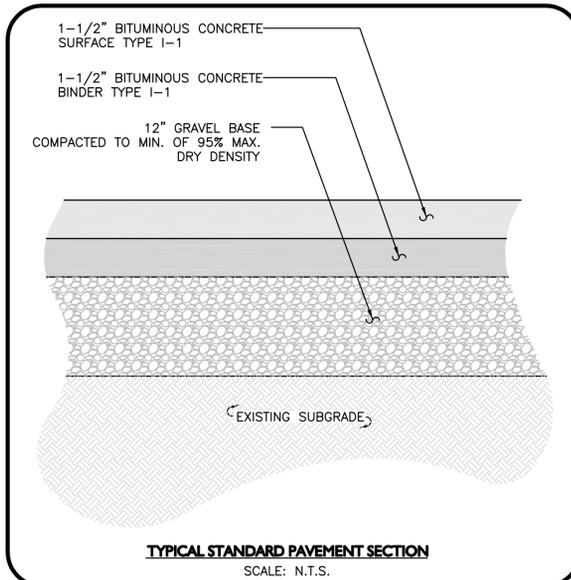
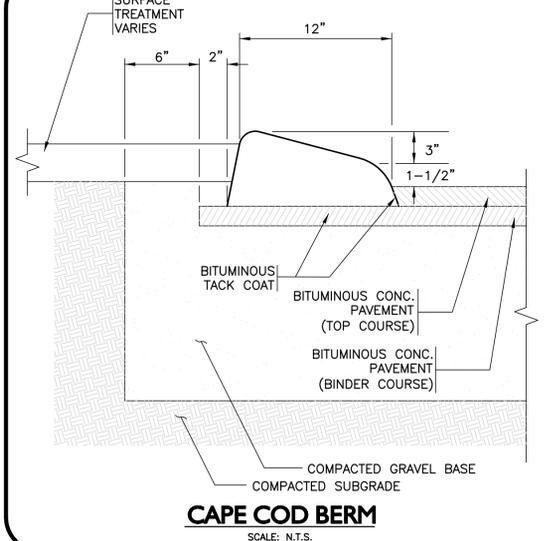
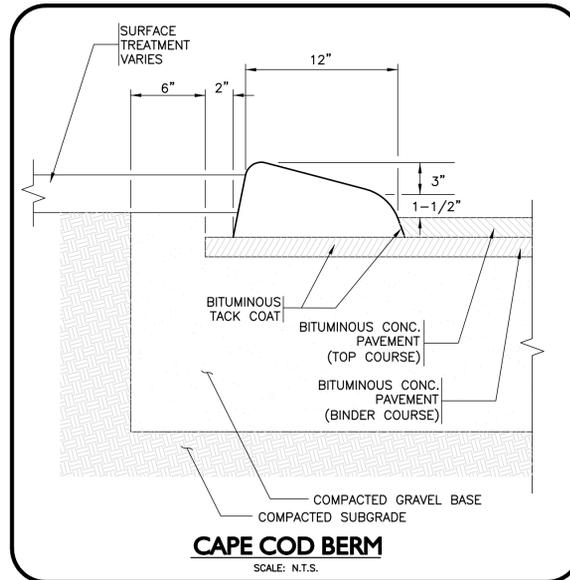
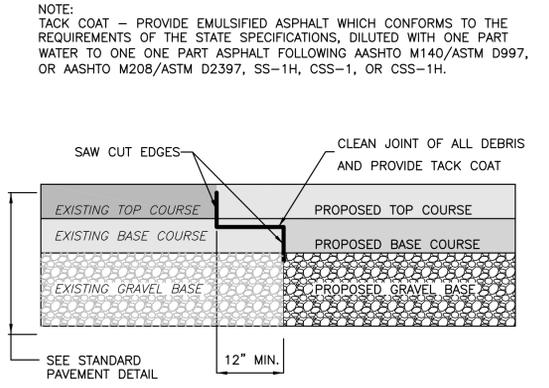
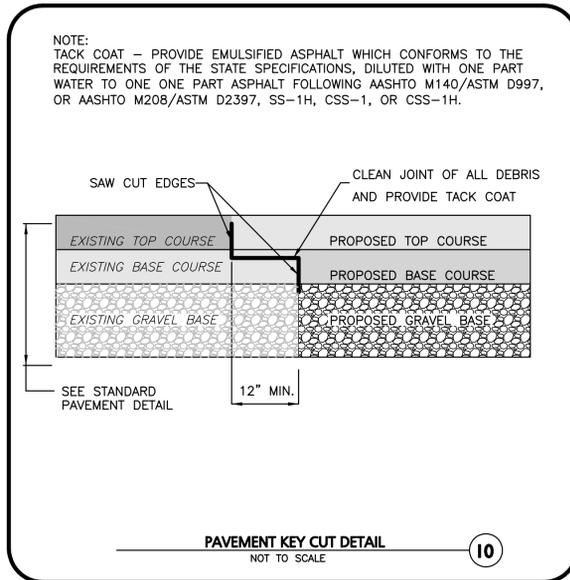


LENGTH: AS REQUIRED
WEIGHT PER LE: 2.50 LBS (MIN)
HOLES: 3/8" DIAMETER, 1" C-C FULL LENGTH
STEEL: SHALL CONFORM TO ASTM A-499 OR ASTM A-576
FINISH: SHALL BE PAINTED WITH 2 COATS OF AN APPROVED MEDIUM GREEN, BAKED ON OR AIR DRIED, PAINT OF WEATHER RESISTANT QUALITY.

NOTE:
1. STEEL PIPE BOLLARD & CONCRETE FOOTING TO BE USED ON ALL H/C SIGNS. STANDARD SIGN POST SHALL BE USED ON ALL OTHER SIGNS.

DESC.	SIGN	SIZE	MOUNTING HEIGHT	DESCRIPTION	REFLECTORIZED
R1-1	STOP	30" x 30"	7' - 0"	WHITE ON RED	YES
R5-1	DO NOT ENTER	30" x 30"	7' - 0"	RED ON WHITE	YES
R6-1	ONE WAY	36" x 12"	7' - 0"	WHITE ARROW ON BLACK	YES
R7-8 (MODIFIED)	RESERVED PARKING	12" x 20"	7' - 0"	GREEN & BLUE ON WHITE	NO
R7-8	RESERVED PARKING	12" x 20"	7' - 0"	GREEN & BLUE ON WHITE	NO
R8-1 (MODIFIED)	NO PARKING FIRE LANE	12" x 18"	7' - 0"	RED ON WHITE	NO

SIGN TABLE
NOT TO SCALE



PROFESSIONAL ENGINEER FOR ALLEN & MAJOR ASSOCIATES, INC.

Development of McCarthy Village II

ACTON HOUSING AUTHORITY

COMPREHENSIVE PERMIT

NOT FOR CONSTRUCTION



BAKER/WOHL ARCHITECTS



132 LINCOLN STREET, #4
BOSTON, MA 02111
TEL: 617.350.7420
FAX: 617.350.5383

Project No: 1298-08

Drawn By: BDJ

Checked By: TJW

Issue Date: JUNE 25, 2010

Revisions			
No	Date	Description	By
1	08/13/10	Town Comments	A&M
2	09/15/10	Town Comments	A&M

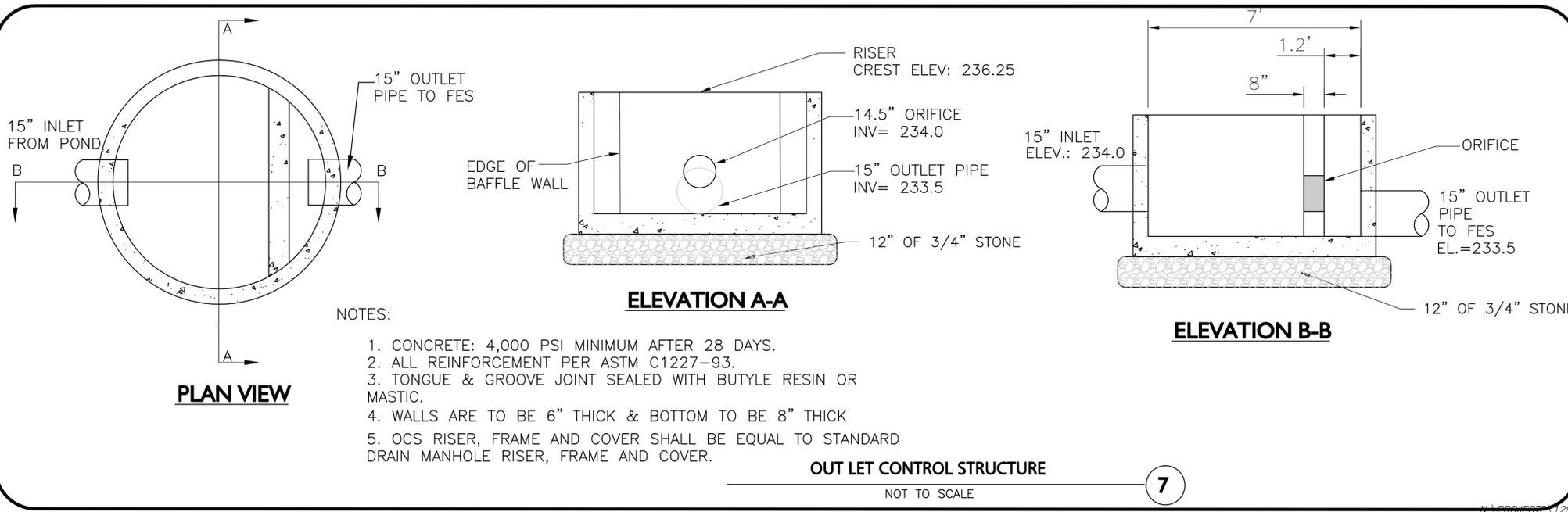
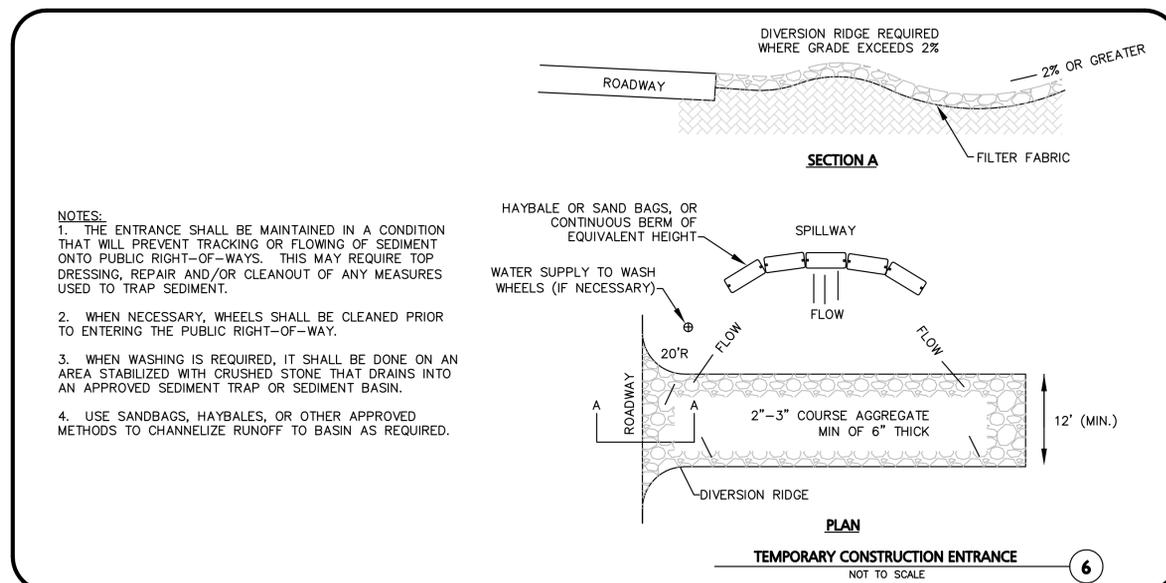
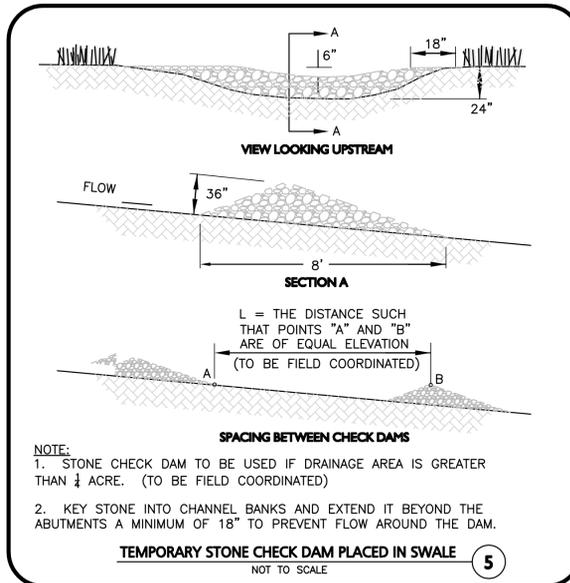
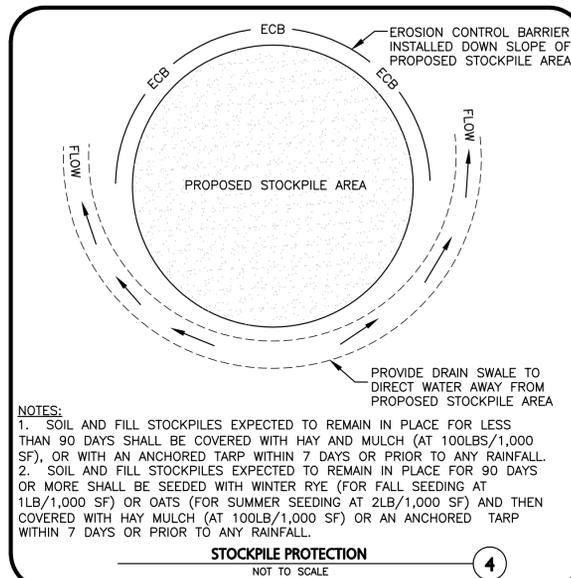
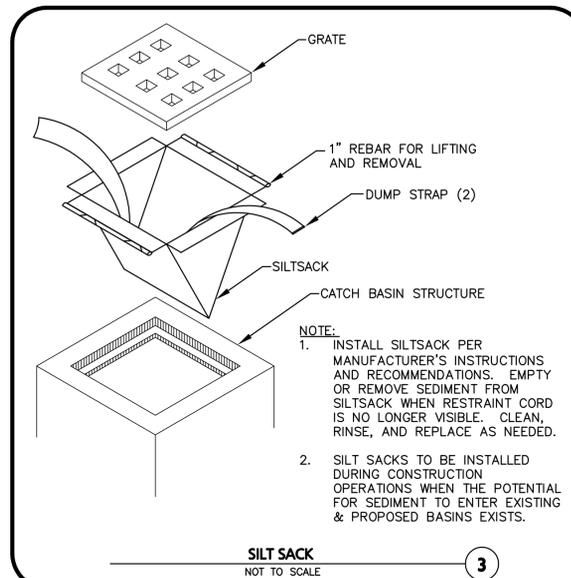
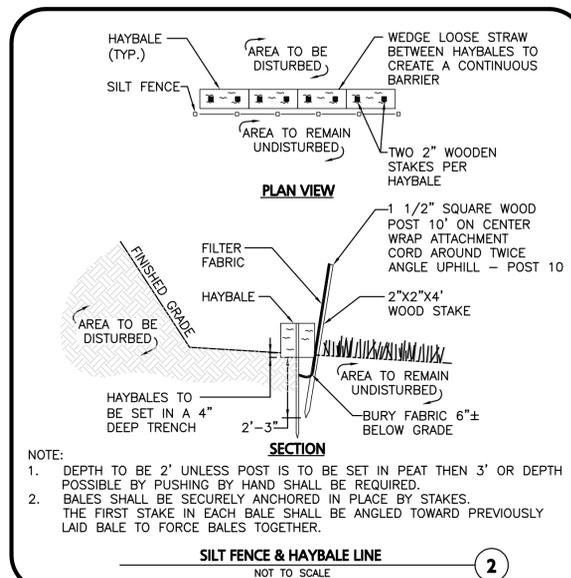
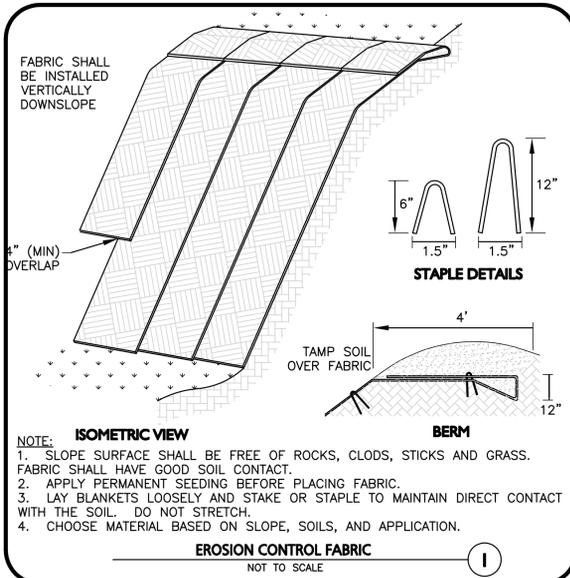
Drawing Title:

DETAILS

Drawing Number:

C-12

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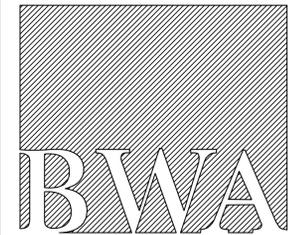
**ACTON
HOUSING
AUTHORITY**
**McCARTHY
VILLAGE
II**

SACHEM WAY, ACTON, MA

**COMPREHENSIVE
PERMIT REV. 1**

**NOT FOR
CONSTRUCTION**

BAKER / WOHL ARCHITECTS



132 LINCOLN STREET, #4
BOSTON, MA 02111
TEL: 617.350.7420
FAX: 617.350.5383

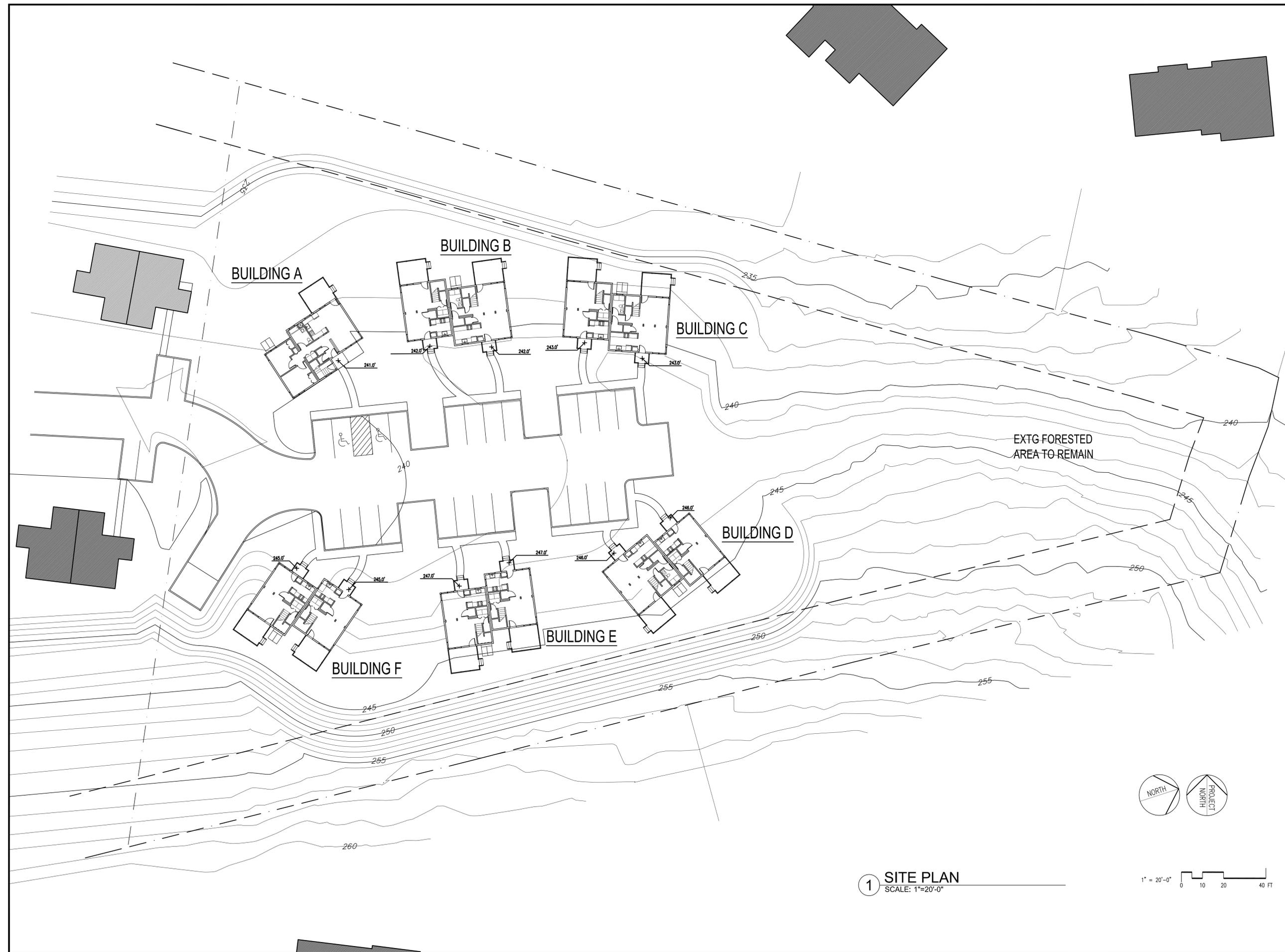
Project No: 2915
Drawn By: JT
Checked By: AI/BB
Issue Date: 15 SEPTEMBER 2010

Revisions	No	Date	Description	By

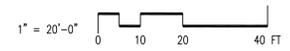
Drawing Title:
SITE PLAN

Drawing Number:
A1.1

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1 SITE PLAN
SCALE: 1"=20'-0"



ACTON HOUSING AUTHORITY

MCCARTHY VILLAGE II

SACHEM WAY, ACTON, MA

COMPREHENSIVE PERMIT REV. 1

NOT FOR CONSTRUCTION

BAKER/WOHL ARCHITECTS



132 LINCOLN STREET, #4
BOSTON, MA 02111
TEL: 617.350.7420
FAX: 617.350.5383

Project No: 2915

Drawn By: JT

Checked By: AI/BB

Issue Date: 15 SEPTEMBER 2010

Revisions			
No	Date	Description	By

Drawing Title:
BUILDING A FLOOR PLANS

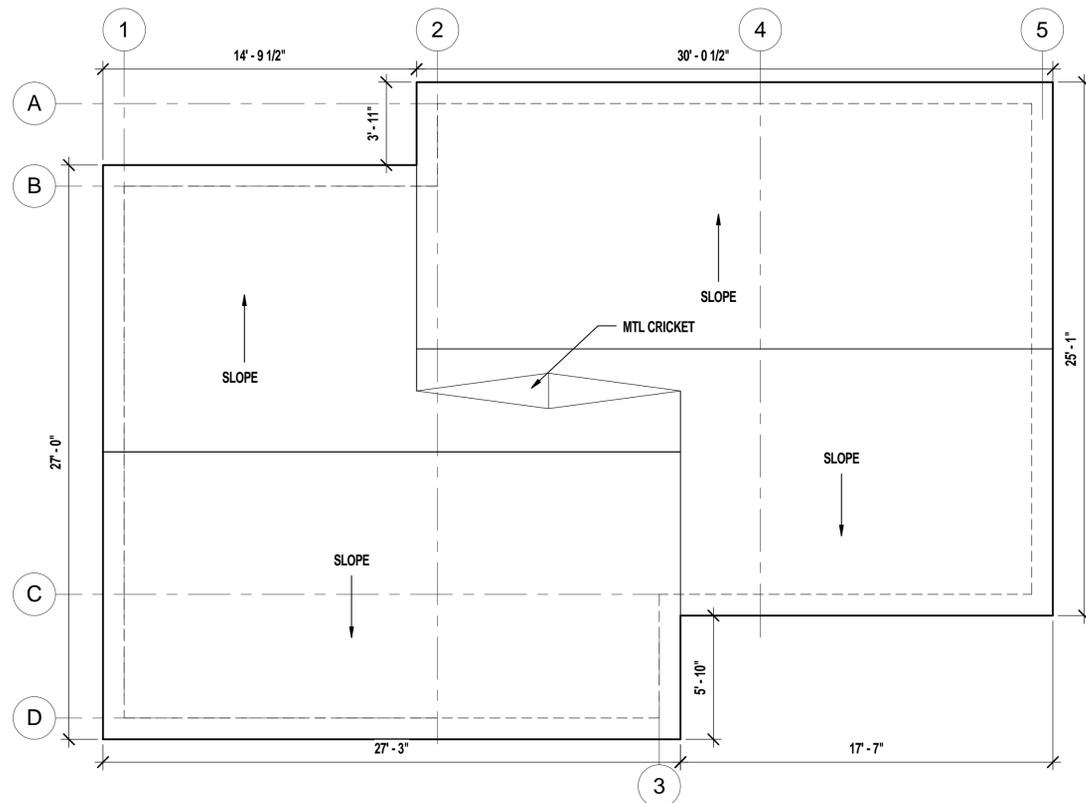
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A2.1

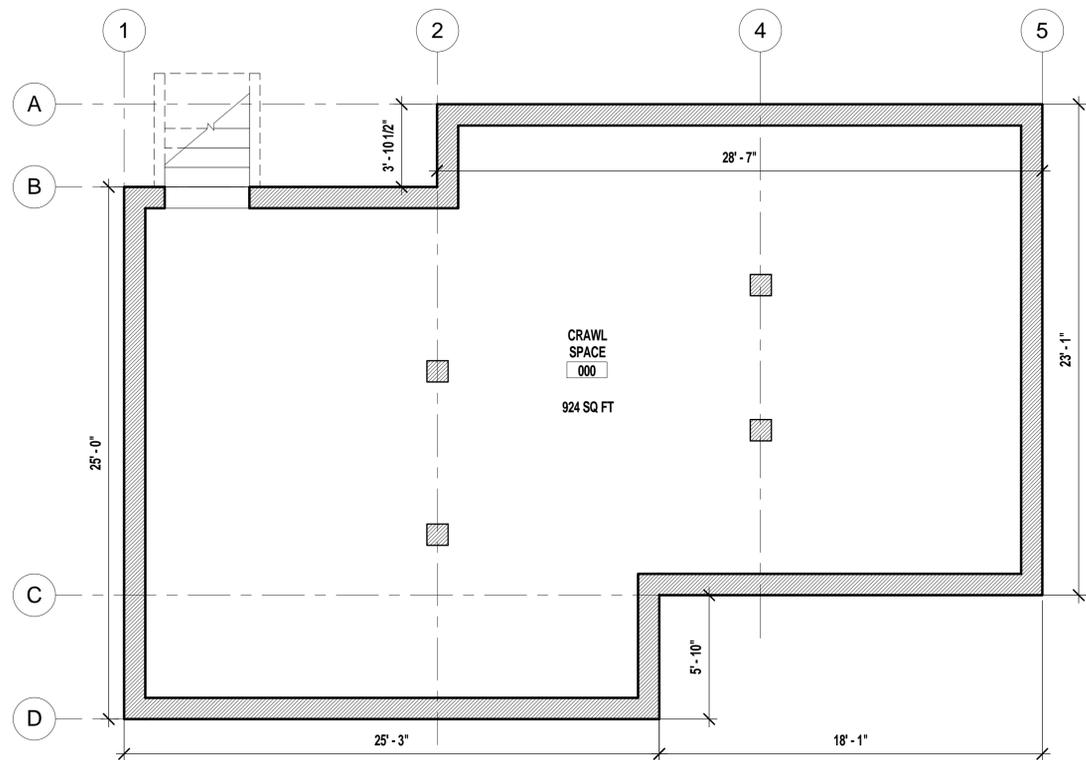
©Copyright Baker/Wohl Architects

UNIT TYPE 1 (ACC FLAT)
NET AREA - 883 SQ FT
GROSS AREA - 1089 SQ FT

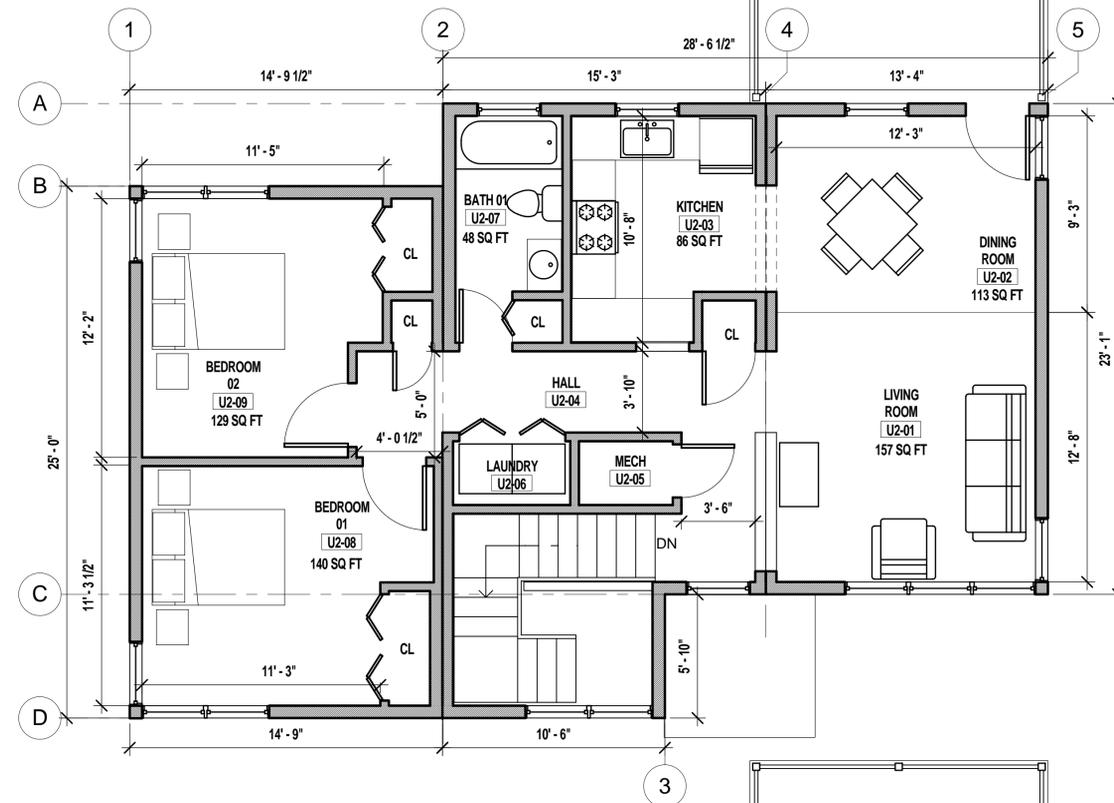
UNIT TYPE 2 (2 BED FLAT)
NET AREA - 864 SQ FT
GROSS AREA - 1089 SQ FT



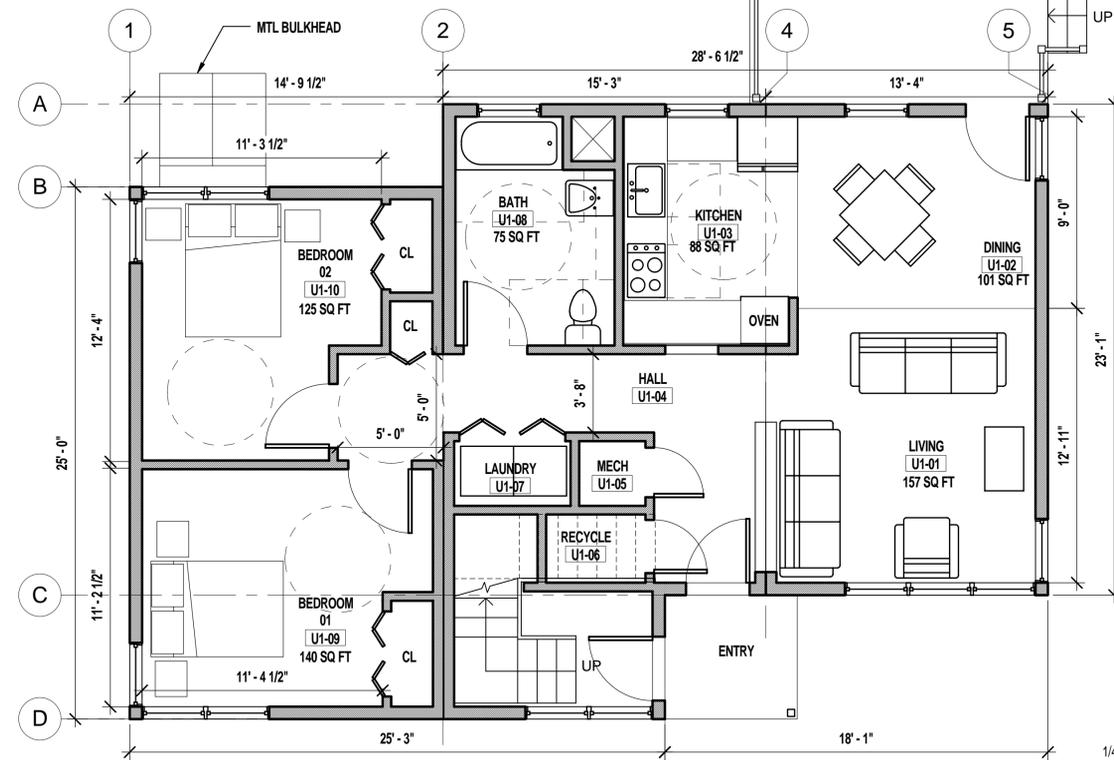
4 ROOF PLAN
SCALE: 1/4" = 1'-0"



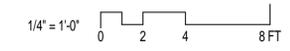
3 CRAWL SPACE PLAN
SCALE: 1/4" = 1'-0"



2 SECOND FLOOR
SCALE: 1/4" = 1'-0" UNIT TYPE 2



1 FIRST FLOOR
SCALE: 1/4" = 1'-0" UNIT TYPE 1



ACTON HOUSING AUTHORITY

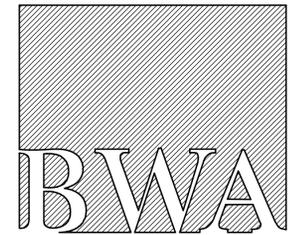
MCCARTHY VILLAGE II

SACHEM WAY, ACTON, MA

COMPREHENSIVE PERMIT REV. 1

NOT FOR CONSTRUCTION

BAKER/WOHL ARCHITECTS



132 LINCOLN STREET, #4
BOSTON, MA 02111
TEL: 617.350.7420
FAX: 617.350.5383

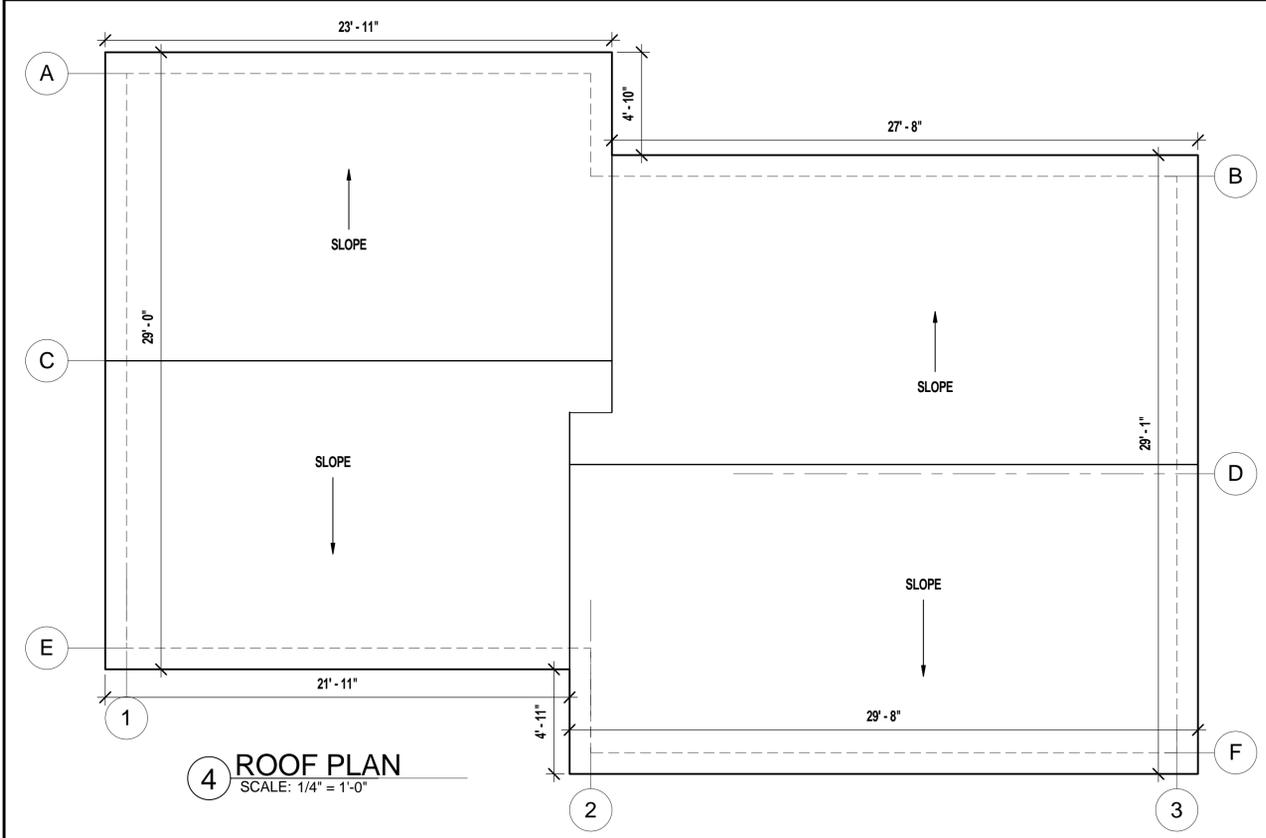
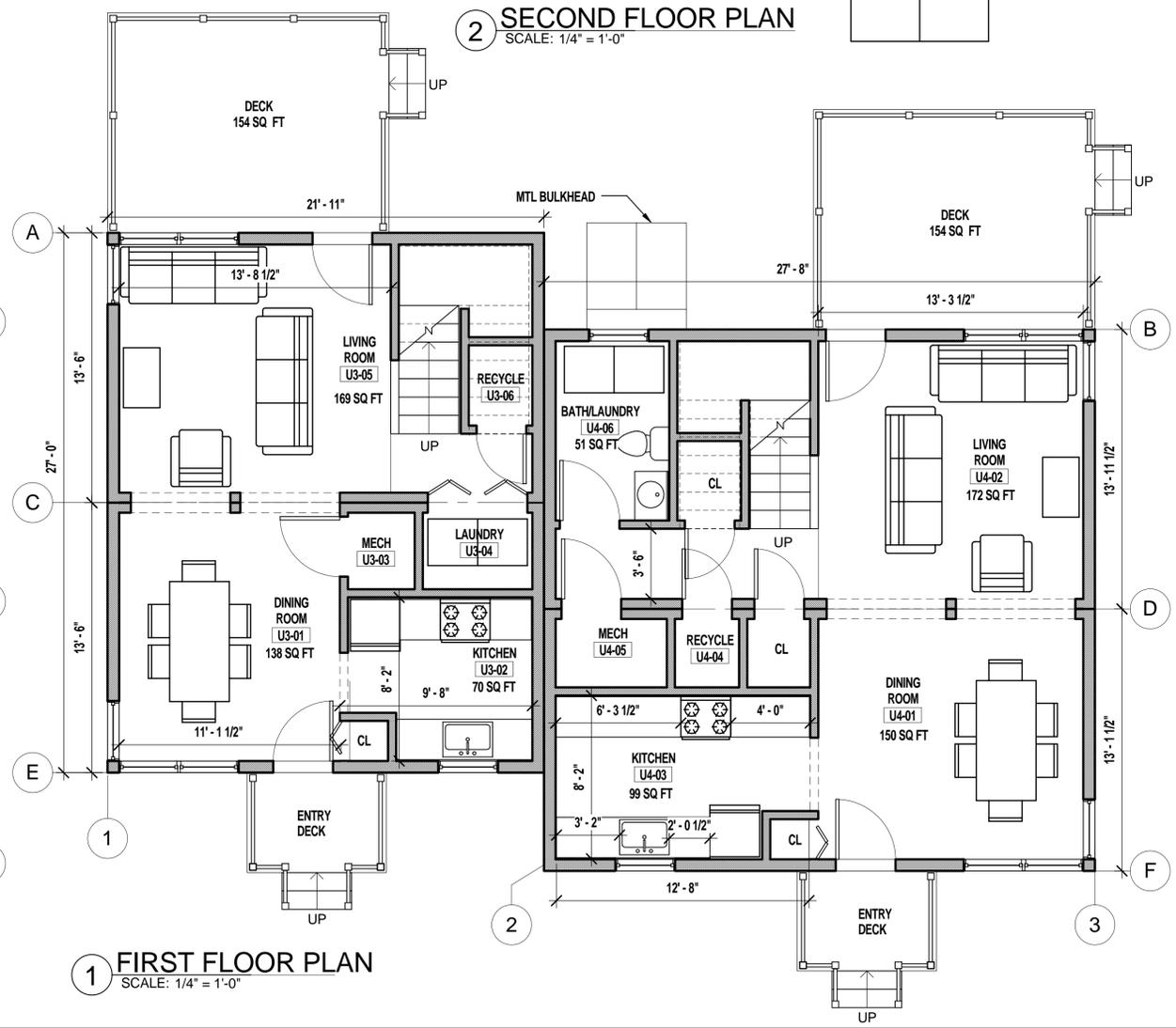
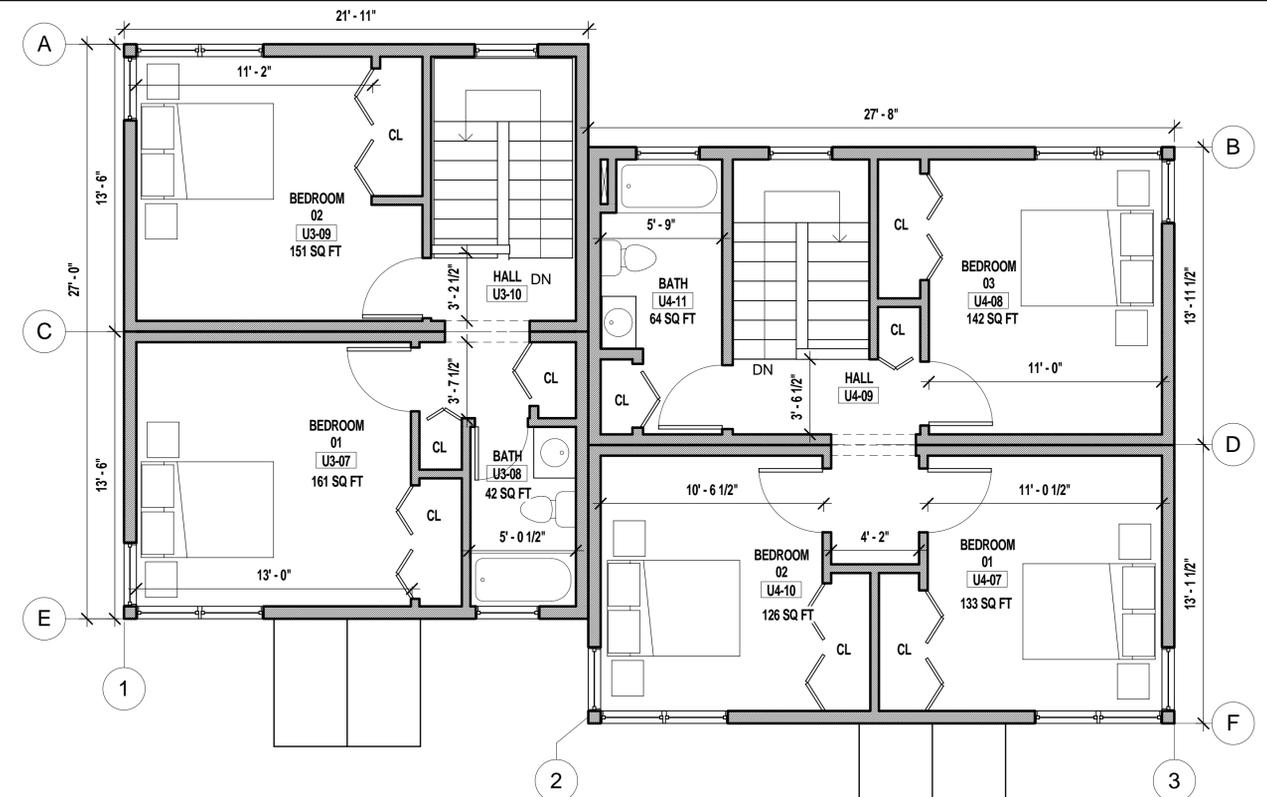
Project No: 2915
Drawn By: JT
Checked By: AI/BB
Issue Date: 15 SEPTEMBER 2010

Revisions			
No	Date	Description	By

Drawing Title:
BUILDINGS B-D FLOOR PLANS

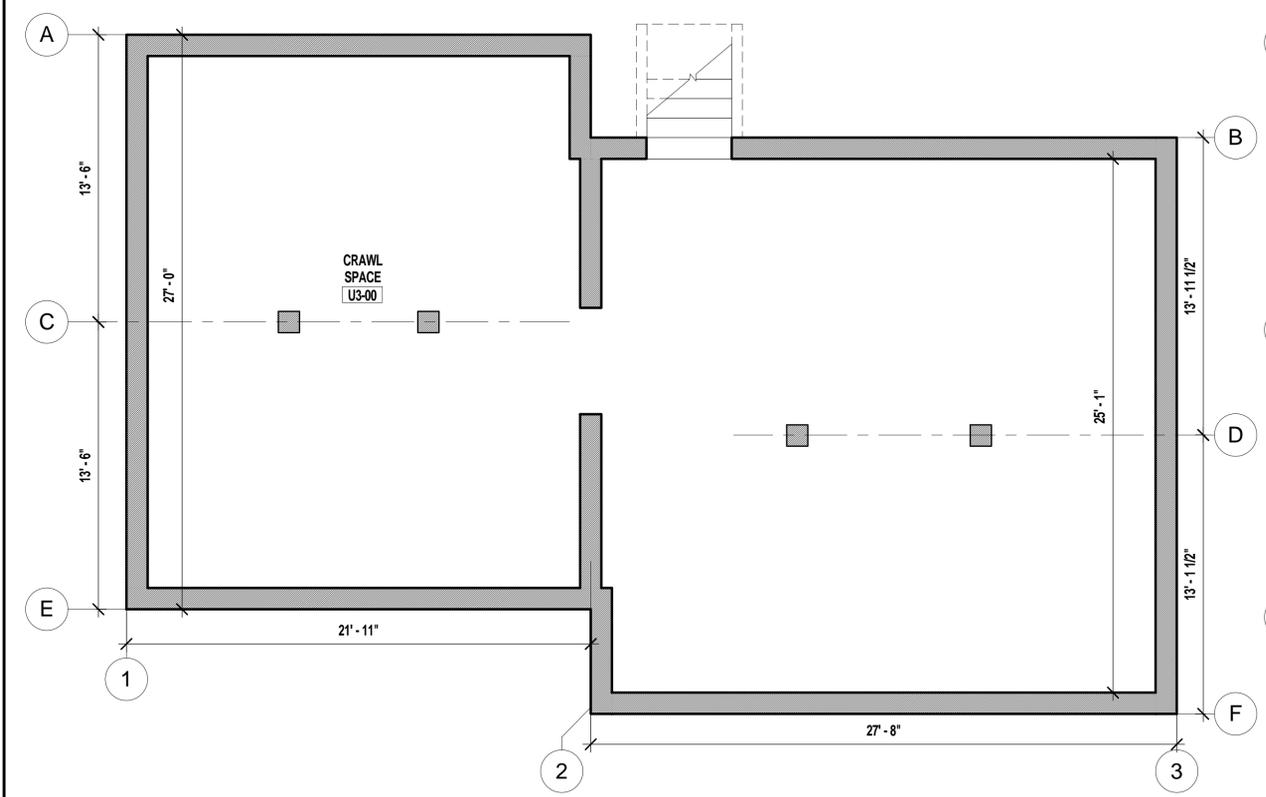
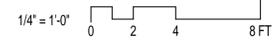
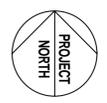
Drawing Number:

A2.2



UNIT TYPE 03 (2 BED)
NET AREA - 911 SQ FT
GROSS AREA - 1184 SQ FT

UNIT TYP 04 (3 BED)
NET AREA - 1194 SQ FT
GROSS AREA - 1498 SQ FT



ACTON HOUSING AUTHORITY

MCCARTHY VILLAGE II

SACHEM WAY, ACTON, MA

COMPREHENSIVE PERMIT REV. 1

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BAKER/WOHL ARCHITECTS



132 LINCOLN STREET, #4
 BOSTON, MA 02111
 TEL: 617.350.7420
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Project No: 2915

Drawn By: JT

Checked By: AI/BB

Issue Date: 15 SEPTEMBER 2010

Revisions			
No	Date	Description	By

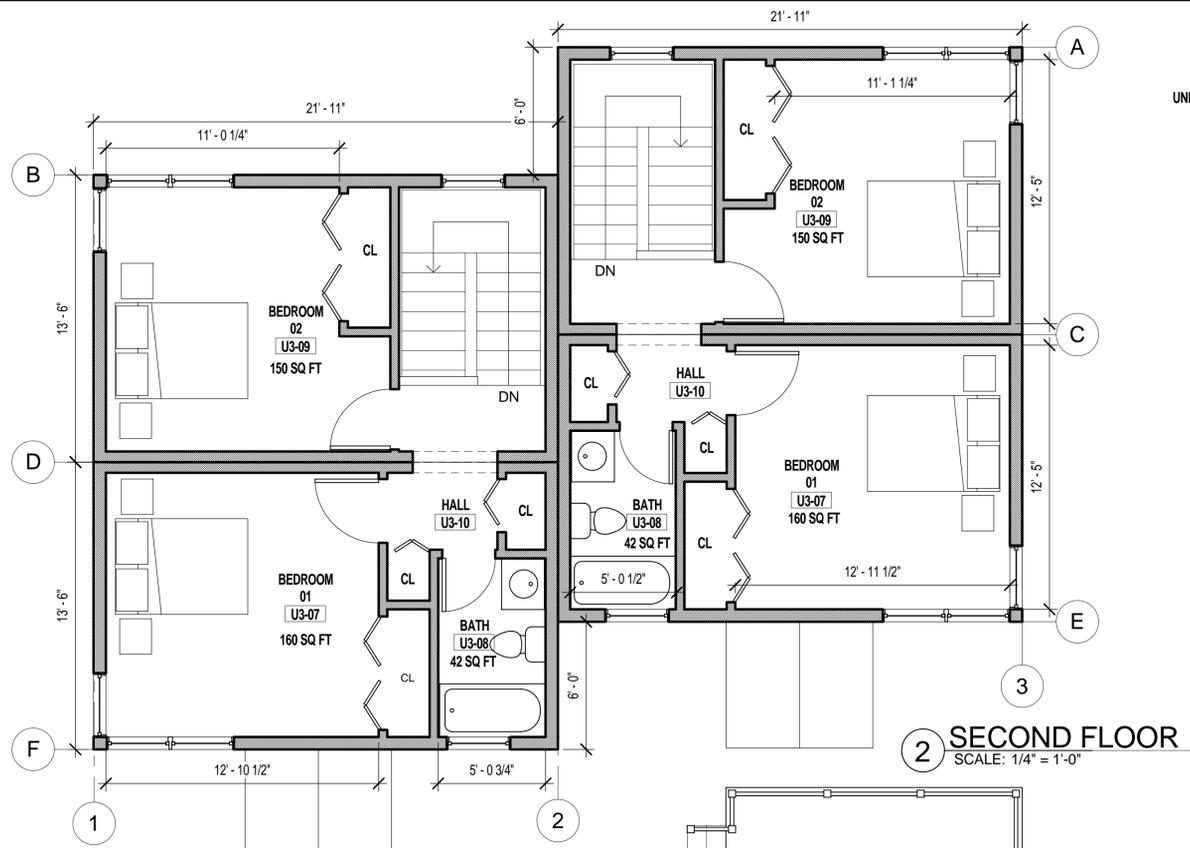
Drawing Title:
BUILDINGS E-F FLOOR PLANS

Drawing Number:

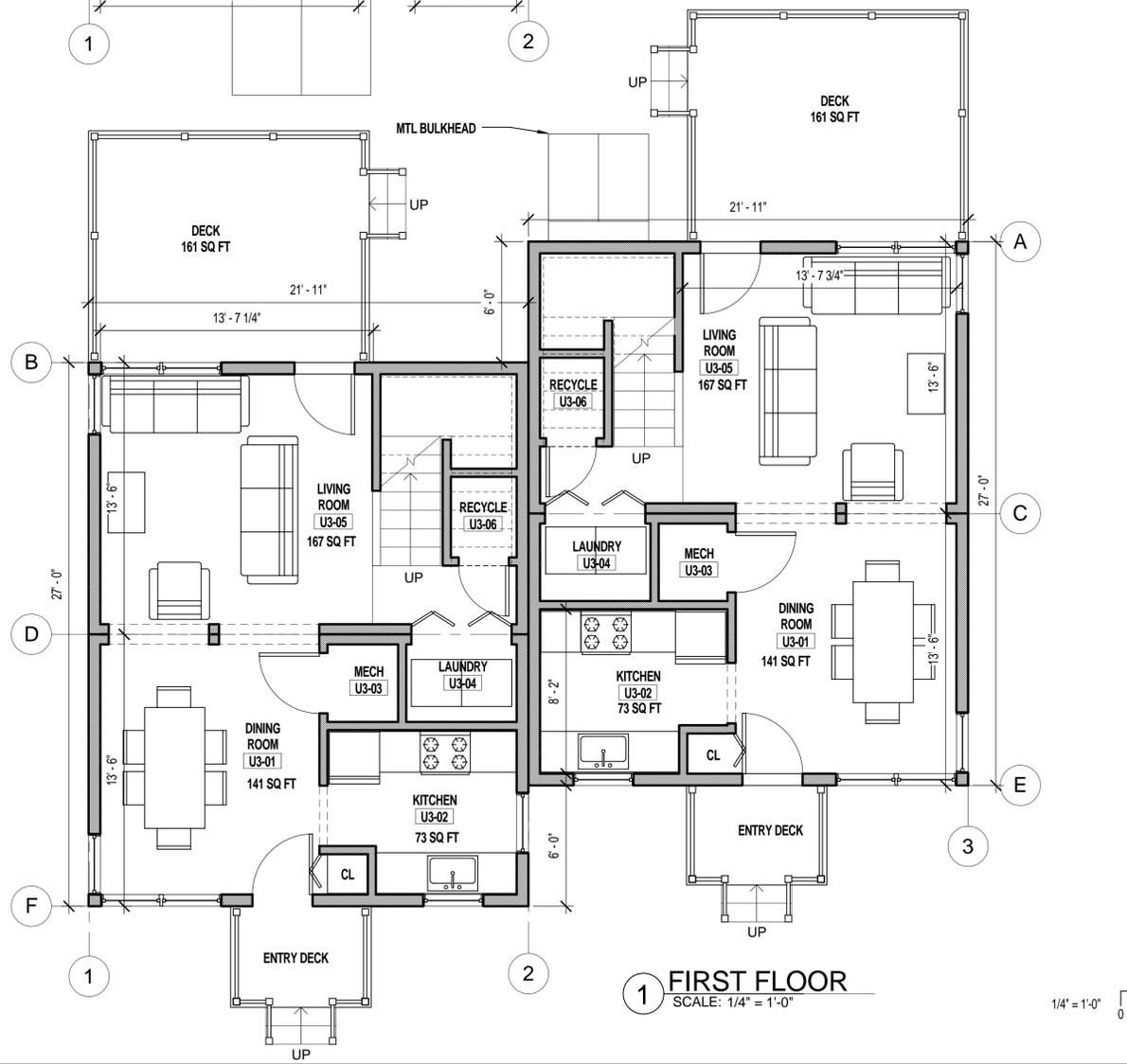
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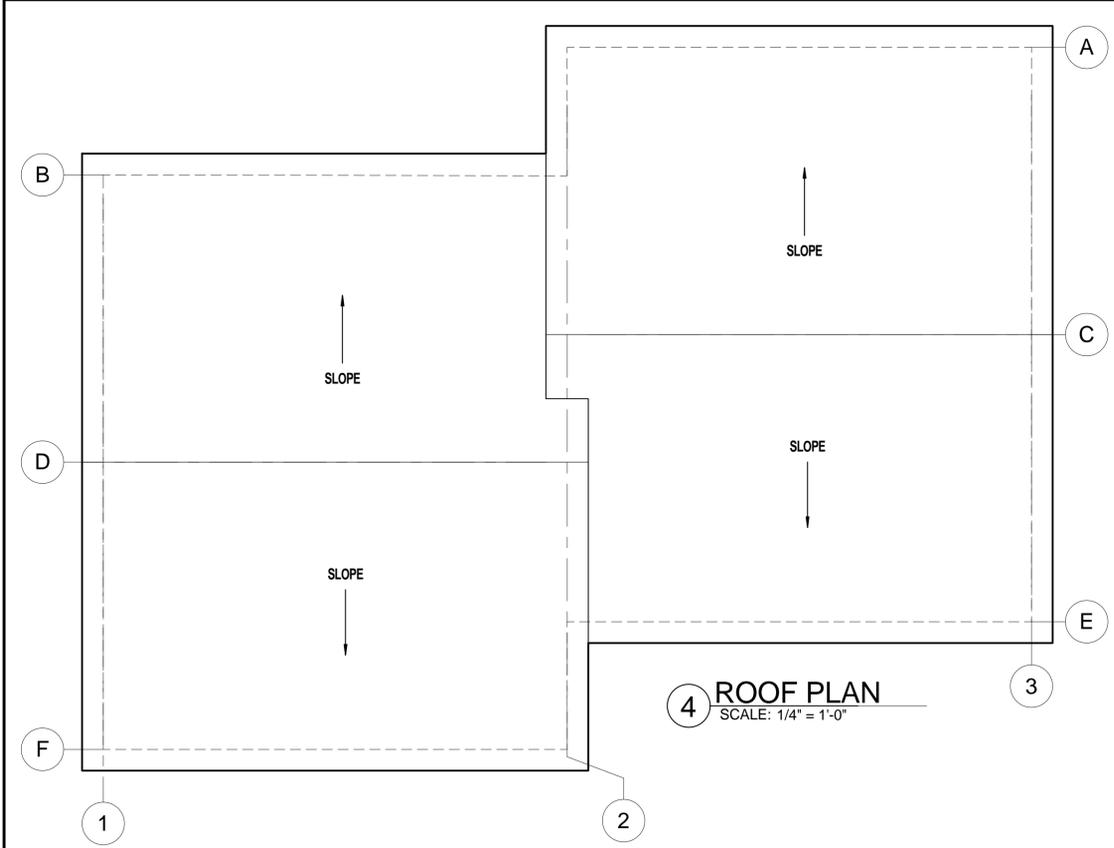
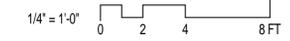
UNIT TYPE 03 (2 BED)
 NET AREA - 913 SQ FT
 GROSS AREA - 1184 SQ FT



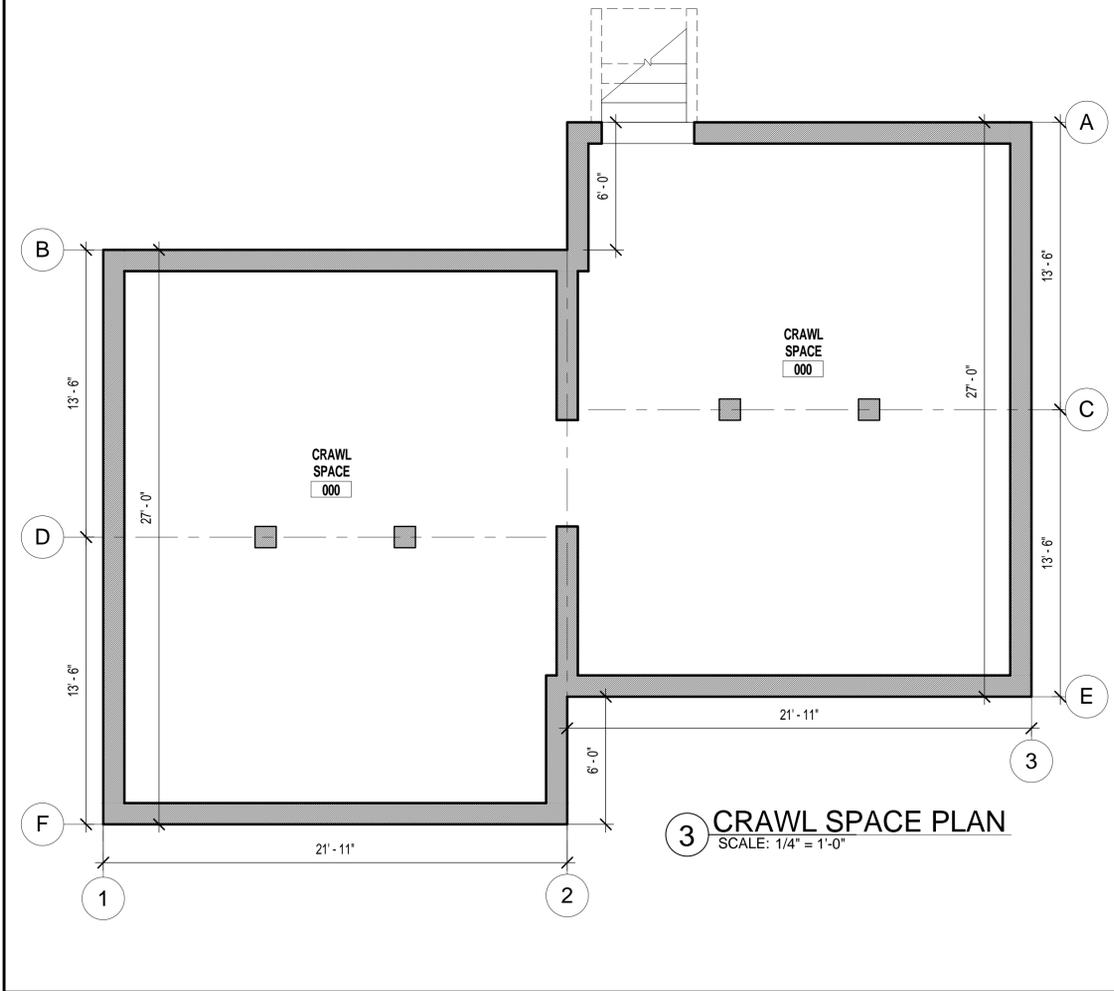
2 SECOND FLOOR
 SCALE: 1/4" = 1'-0"



1 FIRST FLOOR
 SCALE: 1/4" = 1'-0"



4 ROOF PLAN
 SCALE: 1/4" = 1'-0"



3 CRAWL SPACE PLAN
 SCALE: 1/4" = 1'-0"

ACTON HOUSING AUTHORITY

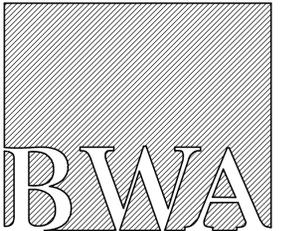
MCCARTHY VILLAGE II

SACHEM WAY, ACTON, MA

COMPREHENSIVE PERMIT REV. 1

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BAKER/WOHL ARCHITECTS



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Project No: 2915
Drawn By: JT
Checked By: AI/BB
Issue Date: 15 SEPTEMBER 2010

Revisions			
No	Date	Description	By

Drawing Title:
BUILDING A ELEVATIONS

Drawing Number:

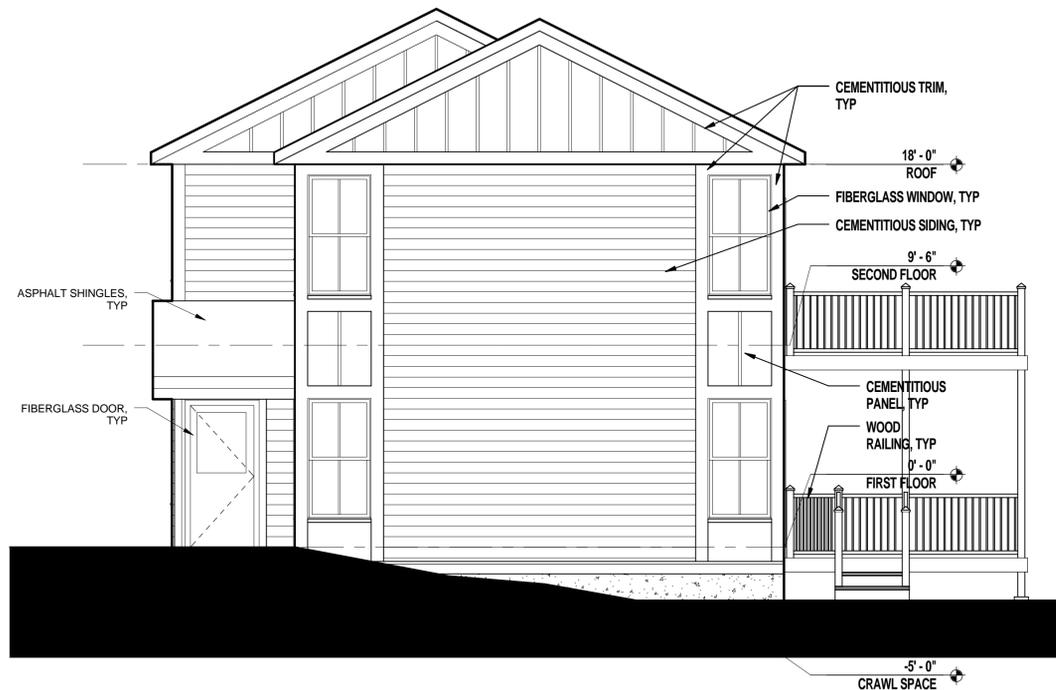
A3.1



4 WEST ELEVATION
SCALE: 1/4" = 1'-0"



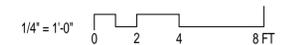
2 NORTH ELEVATION
SCALE: 1/4" = 1'-0"



3 EAST ELEVATION
SCALE: 1/4" = 1'-0"



1 SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



ACTON HOUSING AUTHORITY

MCCARTHY VILLAGE II

SACHEM WAY, ACTON, MA

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Drawn By: JT

Checked By: AI/BB

Issue Date: 15 SEPTEMBER 2010

Revisions

No	Date	Description	By

Drawing Title:

BUILDINGS B-D ELEVATIONS

Drawing Number:

A3.2

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4 WEST ELEVATION
SCALE: 1/4" = 1'-0"



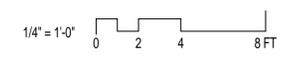
2 NORTH ELEVATION
SCALE: 1/4" = 1'-0"

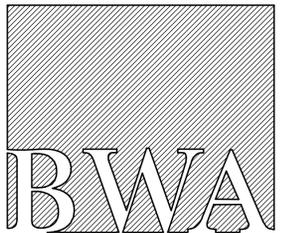


3 SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



1 EAST ELEVATION
SCALE: 1/4" = 1'-0"





Revisions			
No	Date	Description	By



4 NORTH ELEVATION
SCALE: 1/4" = 1'-0"



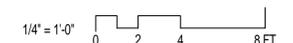
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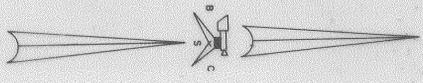
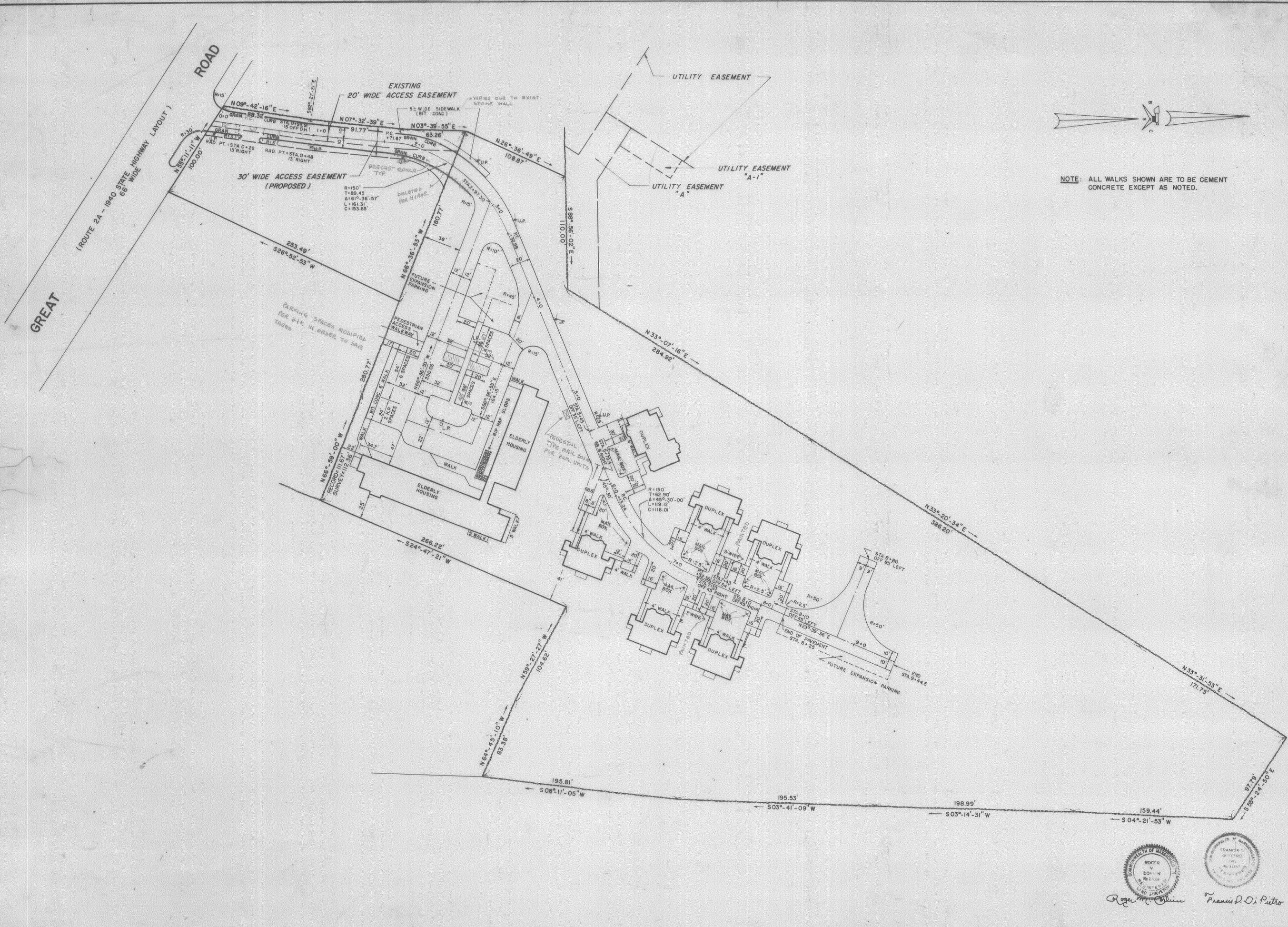


3 WEST ELEVATION
SCALE: 1/4" = 1'-0"



1 SOUTH ELEVATION
SCALE: 1/4" = 1'-0"





NOTE: ALL WALKS SHOWN ARE TO BE CEMENT CONCRETE EXCEPT AS NOTED.

REVISION DATE:
FEB. 22, 1984
REVISED 11/5/84
REVISED 2/1/85
REVISED 2/26/85

JOSEPH W. MOORE CO.
16 RAILROAD AVENUE
BEDFORD, MASS. 01730
617 275-7979

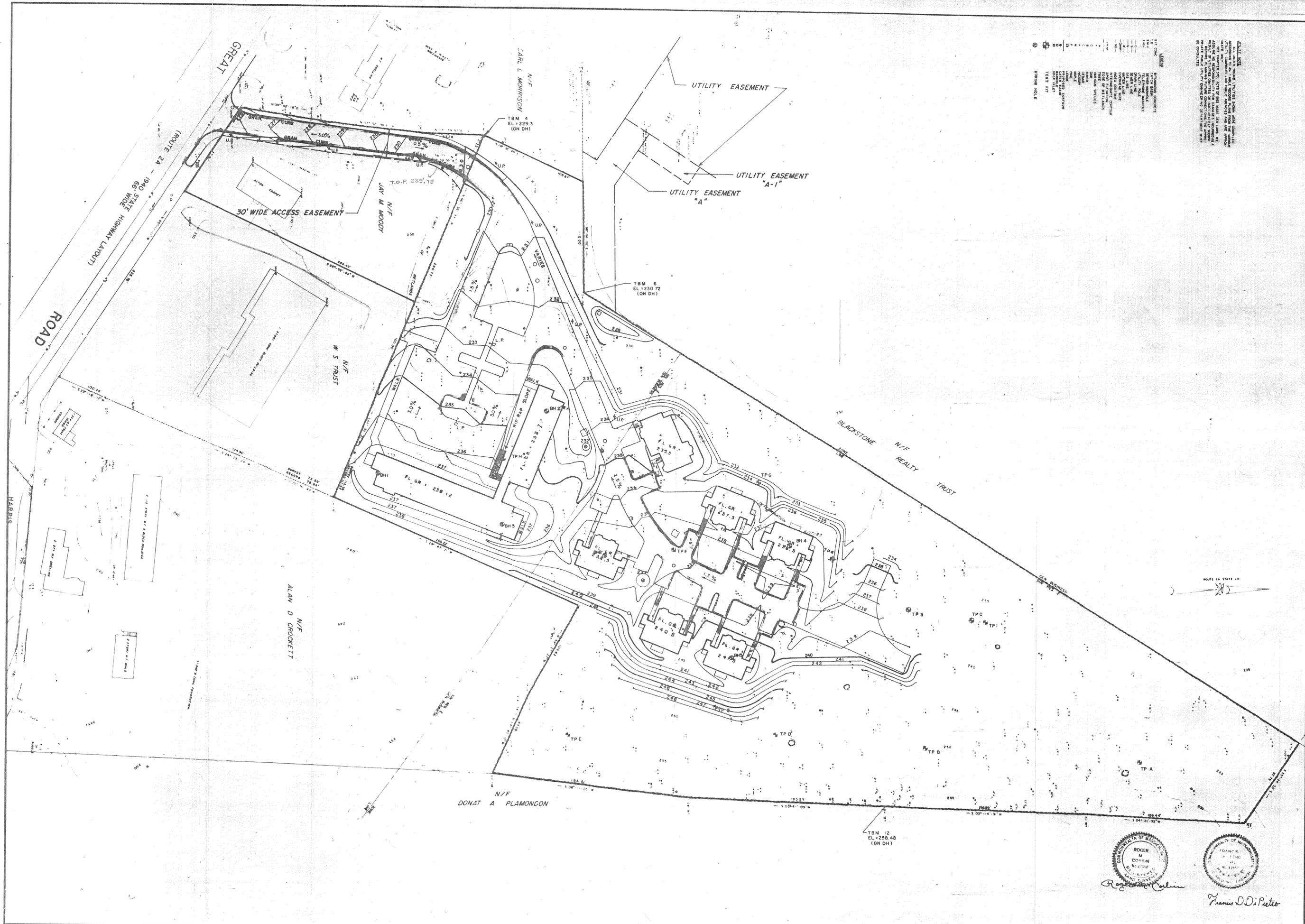
HUGHES & MCCARTHY, INC.
ARCHITECTS & ENGINEERS
20 SPEEN STREET FRAMINGHAM, MASSACHUSETTS

Acton Housing
667-2 and 705-1
Acton, Massachusetts

DRAWING TITLE:
SITE LAYOUT

SCALE: 1" = 40'
DATE:
FEB. 13, 1984
DRAWING NO.





NOTE:
FOR DETAILS OF WORK WITHIN
AND ALONG STATE RIGHT OF WAY
SEE: **DETAIL "A"** (THIS SHEET)



UTILITY NOTES:
ALL UTILITIES SHOWN ARE BASED ON
EXISTING RECORD DRAWINGS AND FIELD
SURVEY DATA. THE CONTRACTOR SHALL
VERIFY THE LOCATION, DEPTH AND
CONDITION OF ALL UTILITIES PRIOR TO
CONSTRUCTION. ANY UNEXPECTED
UTILITIES SHALL BE STOPPED AND
REPORTED TO THE ENGINEER IMMEDIATELY.
THE CONTRACTOR SHALL BE RESPONSIBLE
FOR OBTAINING ALL NECESSARY
PERMITS FROM THE APPROPRIATE
AGENCIES.

DETAIL "A"
NOTE:
1) EXISTING TREES AND SHRUBS WITHIN
WORK AREA ARE TO BE REMOVED AND
RESTORED AT COMPLETION OF WORK.
2) ALL DISTURBED AREAS ARE TO BE
RESTORED TO AT LEAST ORIGINAL
CONDITION.
3) EXISTING SIGN TO BE REMOVED AND
REPLACED AFTER COMPLETION OF
WORK.

- NOTES:**
1. PLUMBING CONTRACTOR SHALL CONTINUE WORK TO 10'-0" OUTSIDE BUILDING.
 2. FOR LAYOUT AND DETAILS OF PROPOSED ELECTRIC SYSTEM, SEE ELECTRIC UTILITIES PLAN DRAWING PLAN "E-1".
 3. GAS LINES AND SERVICES ARE TO BE INSTALLED BY BOSTON GAS PER CONFIRMATION LETTER DATED JANUARY 3, 1985.

REVISION DATE:	
REVISED 2/22/84	
REVISED 11/5/84	
REVISED 2/1/85	
DRAWING TITLE:	
SITE UTILITIES	
SCALE: 1" = 40'	
DATE: FEB. 13, 1984	
DRAWING NO. X-3	
JOSEPH W. MOORE CO. 16 RAILROAD AVENUE BEDFORD, MASS. 01750 617 275-7979	
HUGHES & MacCARTHY, INC. ARCHITECTS & ENGINEERS 20 SPEEN STREET FRAMINGHAM, MASSACHUSETTS	
Acton Housing 667-2 and 705-1 Acton, Massachusetts	

