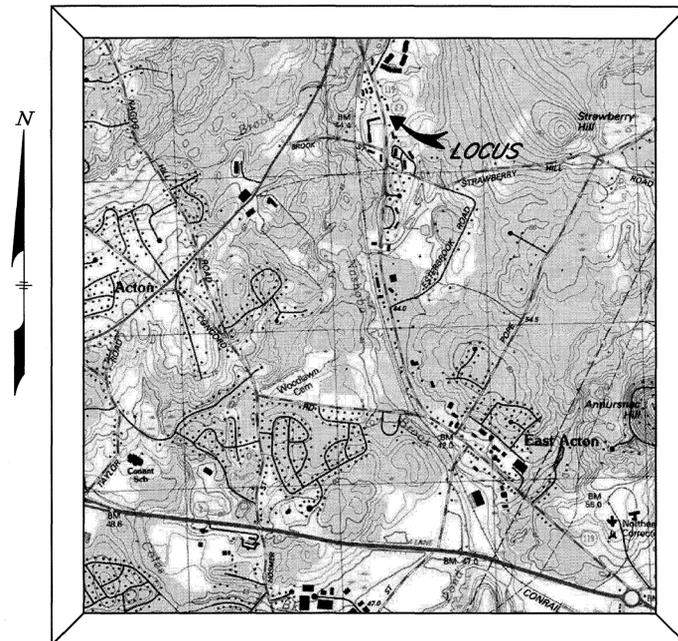


SITE PLAN FOR ACTON MANAGEMENT, INC. 267 GREAT ROAD ACTON, MASSACHUSETTS

DATE: JUNE 27, 2014
 REVISED: OCTOBER 10, 2014
 REVISED: NOVEMBER 3, 2014
 REVISED: OCTOBER 16, 2015

INDEX

SHEET 1	TITLE SHEET
SHEET 2	EXISTING CONDITIONS PLAN
SHEET 3	GRADING & DRAINAGE PLAN
SHEET 4	LAYOUT PLAN
SHEET 5-6	CONSTRUCTION DETAILS



LOCUS PLAN

RECORD OWNER:
SPS-ACTON, LLC

APPLICANT:
ACTON MANAGEMENT, INC.
P.O. BOX 2350, 69 GREAT ROAD
ACTON, MA

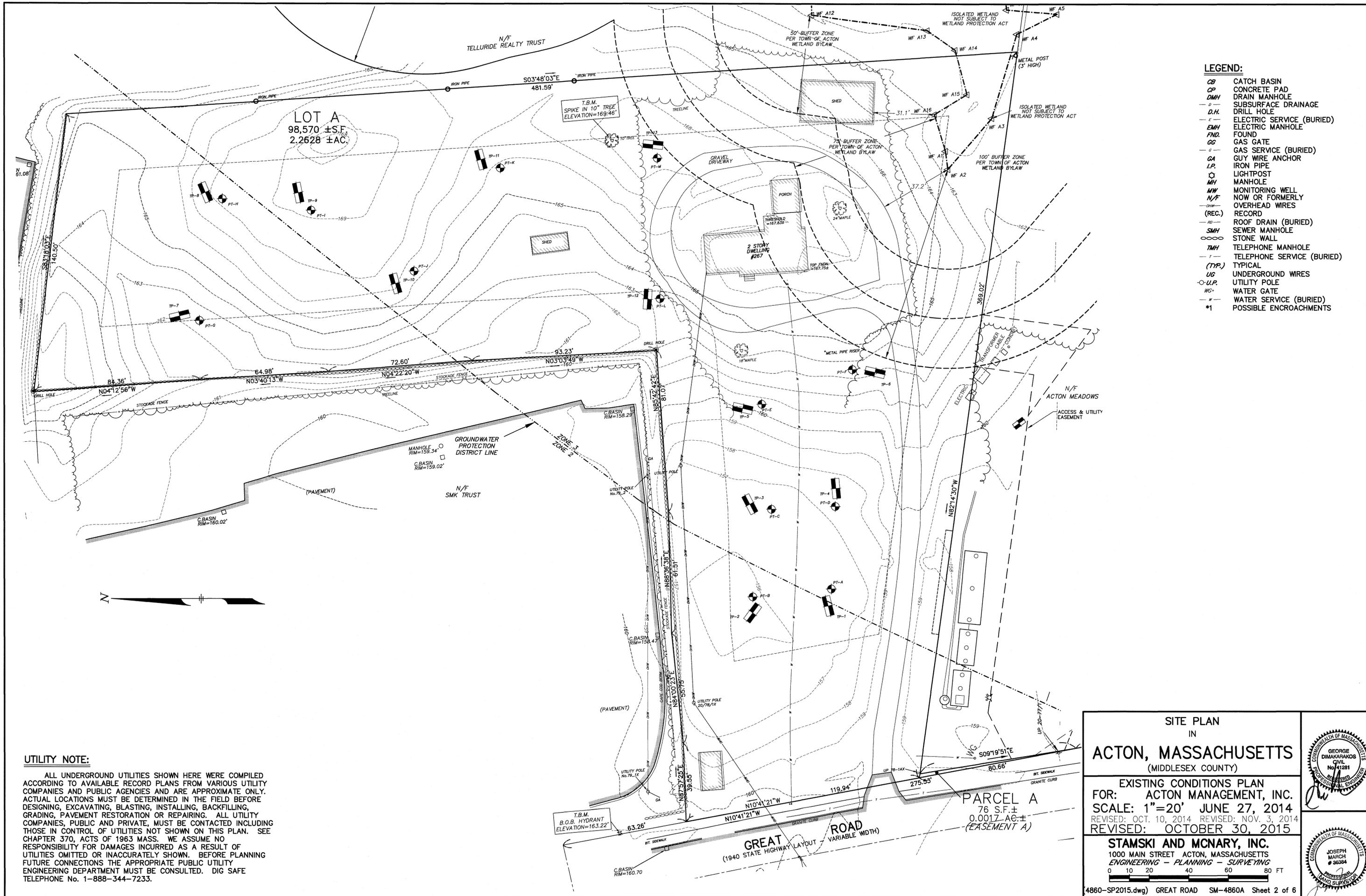
ZONING DISTRICT:
LIMITED BUSINESS
GROUNDWATER PROTECTION DISTRICTS
ZONES 2 AND 3

REFERENCES:
MIDDLESEX REGISTRY OF DEEDS
SOUTH DISTRICT
TOWN MAP E5 PARCEL 13
DEED BOOK 59933 PAGE 547
DEED BOOK 60658 PAGE 414
PLAN No. 269 OF 1933
PLAN No. 878 OF 2012



ENGINEER/SURVEYOR
STAMSKI AND MCNARY, INC
1000 MAIN STREET
ACTON, MASSACHUSETTS 01720
(978) 263-8585





LEGEND:

CB	CATCH BASIN
CP	CONCRETE PAD
DMH	DRAIN MANHOLE
-D-	SUBSURFACE DRAINAGE
D.H.	DRILL HOLE
-E-	ELECTRIC SERVICE (BURIED)
EMH	ELECTRIC MANHOLE
FND.	FOUND
GC	GAS GATE
-G-	GAS SERVICE (BURIED)
GA	GUY WIRE ANCHOR
I.P.	IRON PIPE
○	LIGHTPOST
MH	MANHOLE
MW	MONITORING WELL
N/F	NOW OR FORMERLY
-OW-	OVERHEAD WIRES
(REC.)	RECORD
-RD-	ROOF DRAIN (BURIED)
SMH	SEWER MANHOLE
○○○	STONE WALL
TMH	TELEPHONE MANHOLE
-T-	TELEPHONE SERVICE (BURIED)
(TYP.)	TYPICAL
UG	UNDERGROUND WIRES
○ U.P.	UTILITY POLE
WG	WATER GATE
-W-	WATER SERVICE (BURIED)
*1	POSSIBLE ENCROACHMENTS

UTILITY NOTE:
 ALL UNDERGROUND UTILITIES SHOWN HERE WERE COMPILED ACCORDING TO AVAILABLE RECORD PLANS FROM VARIOUS UTILITY COMPANIES AND PUBLIC AGENCIES AND ARE APPROXIMATE ONLY. ACTUAL LOCATIONS MUST BE DETERMINED IN THE FIELD BEFORE DESIGNING, EXCAVATING, BLASTING, INSTALLING, BACKFILLING, GRADING, PAVEMENT RESTORATION OR REPAIRING. ALL UTILITY COMPANIES, PUBLIC AND PRIVATE, MUST BE CONTACTED INCLUDING THOSE IN CONTROL OF UTILITIES NOT SHOWN ON THIS PLAN. SEE CHAPTER 370, ACTS OF 1963 MASS. WE ASSUME NO RESPONSIBILITY FOR DAMAGES INCURRED AS A RESULT OF UTILITIES OMITTED OR INACCURATELY SHOWN. BEFORE PLANNING FUTURE CONNECTIONS THE APPROPRIATE PUBLIC UTILITY ENGINEERING DEPARTMENT MUST BE CONSULTED. DIG SAFE TELEPHONE No. 1-888-344-7233.

SITE PLAN
 IN
ACTON, MASSACHUSETTS
 (MIDDLESEX COUNTY)

EXISTING CONDITIONS PLAN
 FOR: **ACTON MANAGEMENT, INC.**
 SCALE: 1"=20' JUNE 27, 2014
 REVISED: OCT. 10, 2014 REVISED: NOV. 3, 2014
 REVISED: OCTOBER 30, 2015

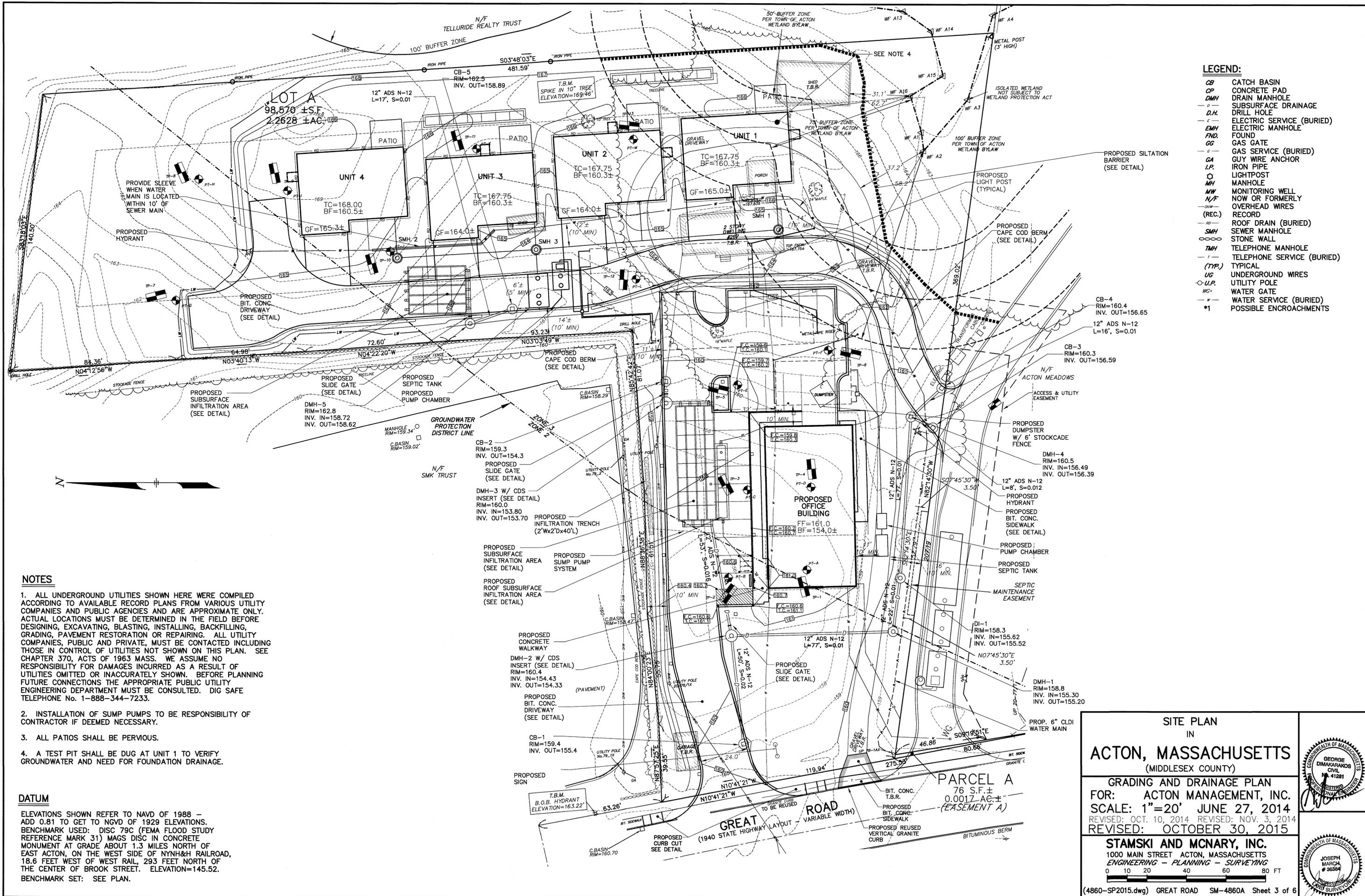
STAMSKI AND MCNARY, INC.
 1000 MAIN STREET ACTON, MASSACHUSETTS
 ENGINEERING - PLANNING - SURVEYING

0 10 20 40 60 80 FT

(4860-SP2015.dwg) GREAT ROAD SM-4860A Sheet 2 of 6

COMMONWEALTH OF MASSACHUSETTS
 GEORGE DIMAKARAKOS
 CIVIL
 No. 41281
 REGISTERED PROFESSIONAL ENGINEER

COMMONWEALTH OF MASSACHUSETTS
 JOSEPH MARCH
 No. 36384
 REGISTERED PROFESSIONAL LAND SURVEYOR



LEGEND:

CB	CATCH BASIN
CP	CONCRETE PAD
DMH	DRAIN MANHOLE
-o-	SUBSURFACE DRAINAGE
D.H.	DRILL HOLE
-E-	ELECTRIC SERVICE (BURIED)
EMH	ELECTRIC MANHOLE
FND.	FOUND
GG	GAS GATE
-G-	GAS SERVICE (BURIED)
GA	GUY WIRE ANCHOR
I.P.	IRON PIPE
○	LIGHTPOST
MH	MANHOLE
MW	MONITORING WELL
N/F	NOW OR FORMERLY
-OH-	OVERHEAD WIRES
(REC.)	RECORD
-RD-	ROOF DRAIN (BURIED)
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(TYP.)	TYPICAL
UG	UNDERGROUND WIRES
○ U.P.	UTILITY POLE
WG	WATER GATE
-W-	WATER SERVICE (BURIED)
*1	POSSIBLE ENCROACHMENTS

NOTES

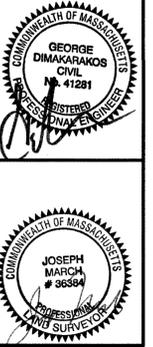
1. ALL UNDERGROUND UTILITIES SHOWN HERE WERE COMPILED ACCORDING TO AVAILABLE RECORD PLANS FROM VARIOUS UTILITY COMPANIES AND PUBLIC AGENCIES AND ARE APPROXIMATE ONLY. ACTUAL LOCATIONS MUST BE DETERMINED IN THE FIELD BEFORE DESIGNING, EXCAVATING, BLASTING, INSTALLING, BACKFILLING, GRADING, PAVEMENT RESTORATION OR REPAIRING. ALL UTILITY COMPANIES, PUBLIC AND PRIVATE, MUST BE CONTACTED INCLUDING THOSE IN CONTROL OF UTILITIES NOT SHOWN ON THIS PLAN. SEE CHAPTER 370, ACTS OF 1963 MASS. WE ASSUME NO RESPONSIBILITY FOR DAMAGES INCURRED AS A RESULT OF UTILITIES OMITTED OR INACCURATELY SHOWN. BEFORE PLANNING FUTURE CONNECTIONS THE APPROPRIATE PUBLIC UTILITY ENGINEERING DEPARTMENT MUST BE CONSULTED. DIG SAFE TELEPHONE No. 1-888-344-7233.
2. INSTALLATION OF SUMP PUMPS TO BE RESPONSIBILITY OF CONTRACTOR IF DEEMED NECESSARY.
3. ALL PATIOS SHALL BE PERVIOUS.
4. A TEST PIT SHALL BE DUG AT UNIT 1 TO VERIFY GROUNDWATER AND NEED FOR FOUNDATION DRAINAGE.

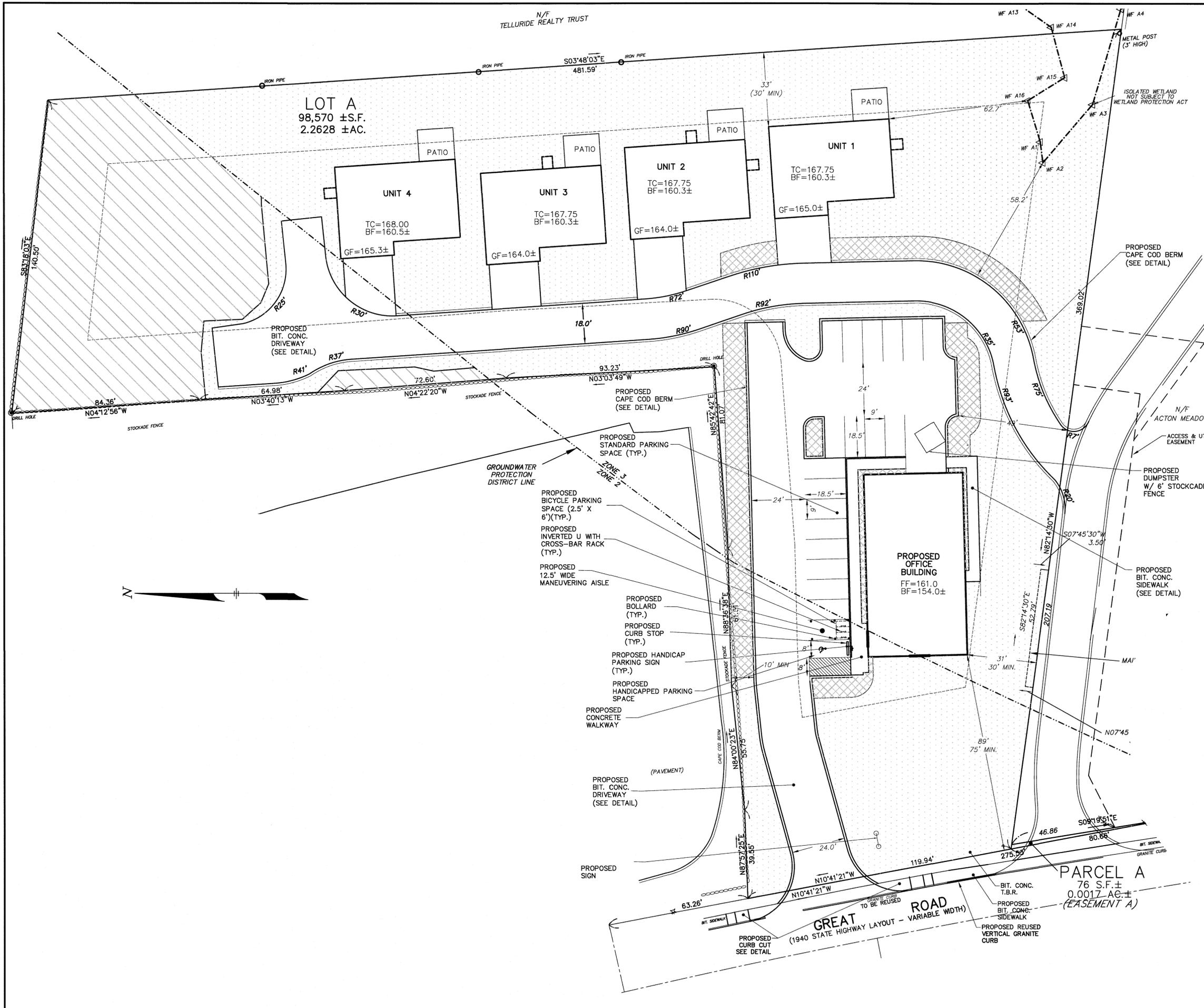
DATUM

ELEVATIONS SHOWN REFER TO NAVD OF 1988 - ADD 0.81 TO GET TO NGVD OF 1929 ELEVATIONS. BENCHMARK USED: DISC 79C (FEMA FLOOD STUDY REFERENCE MARK 31) MAGS DISC IN CONCRETE MONUMENT AT GRADE ABOUT 1.3 MILES NORTH OF EAST ACTON, ON THE WEST SIDE OF NYNH&H RAILROAD, 18.6 FEET WEST OF WEST RAIL, 293 FEET NORTH OF THE CENTER OF BROOK STREET. ELEVATION=145.52. BENCHMARK SET: SEE PLAN.

SITE PLAN
IN
ACTON, MASSACHUSETTS
(MIDDLESEX COUNTY)
GRADING AND DRAINAGE PLAN
FOR: **ACTON MANAGEMENT, INC.**
SCALE: 1"=20' JUNE 27, 2014
REVISED: OCT. 10, 2014 REVISED: NOV. 3, 2014
REVISED: OCTOBER 30, 2015

STAMSKI AND McNARY, INC.
1000 MAIN STREET ACTON, MASSACHUSETTS
ENGINEERING - PLANNING - SURVEYING
0 10 20 40 60 80 FT
(4860-SP2015.dwg) GREAT ROAD SM-4860A Sheet 3 of 6





LAND USE DATA

ZONING REQUIREMENTS	
ZONING DISTRICT:	LIMITED BUSINESS (LB)
MIN LOT AREA:	20,000 SF
MIN LOT FRONTAGE:	200 FT
MIN LOT WIDTH:	50 FT
MIN FRONT YARD:	75 FT
MIN SIDE & REAR YARD:	30 FT
MIN OPEN SPACE:	LOT AREA IN ZONE 2: 31,067 SF
	LOT AREA IN ZONE 3: 67,579 SF
GWPD ZONE 2:	70% (21,747 SF)
GWPD ZONE 3:	50% (33,790 SF)
MIN UNDISTURBED OPEN SPACE:	
GWPD ZONE 2:	40% (12,427 SF)
MAX. IMPERVIOUS COVERAGE:	
GWPD ZONE 2:	30% (9,320 SF)
FLOOR AREA REQUIREMENTS	
LOT AREA =	98,646 SF
DEVELOPABLE SITE AREA (DSA) =	97,484 SF
MAX NET FLOOR AREA ALLOWED :	19,496 SF
PROPOSED NET FLOOR AREA =	17,891 SF
PROPOSED OFFICE NET FLOOR AREA =	3,183 SF
PROPOSED DWELLING NET FLOOR AREA =	14,708 SF
PROPOSED NET FLOOR AREA RATIO =	0.184
PARKING REQUIREMENTS:	
(FROM SECTION 5.4.6.2)	
MAXIMUM # PARKING SPACES:	
1 SPACE / 3,000 SF OF DSA X 97,484 SF =	32 SPACES
(FROM SECTION 6.3.1)	
OFFICE USE :	
1 SPACE / 250 SF OF NFA X 3,183 SF =	13 SPACES
RESIDENTIAL USE :	
2 SPACE / DWELLING UNIT =	8 SPACES
NUMBER OF SPACES REQ'D =	21 SPACES
NUMBER OF SPACES PROVIDED =	27 SPACES*
*STANDARD SIZE = 26 AND HANDICAPPED SPACE(S) = 1	
SEWAGE FLOW:	
3,183 SF OFFICE X 75 GPD/1000 SF =	239 GPD (OFFICE)
16 BEDROOMS X 110 GPD/BDRM =	1,760 GPD (RESIDENTIAL)
TOTAL =	1,999 GPD

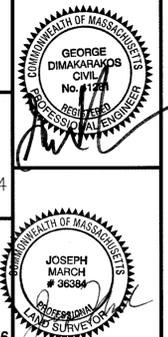
SITE PLAN
IN
ACTON, MASSACHUSETTS
(MIDDLESEX COUNTY)

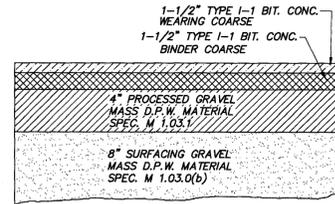
LAYOUT PLAN
FOR: **ACTON MANAGEMENT, INC.**
SCALE: 1"=20' JUNE 27, 2014
REVISED: OCT. 10, 2014 REVISED: NOV. 3, 2014
REVISED: **OCTOBER 30, 2015**

STAMSKI AND McNARY, INC.
1000 MAIN STREET ACTON, MASSACHUSETTS
ENGINEERING - PLANNING - SURVEYING

0 10 20 40 60 80 FT

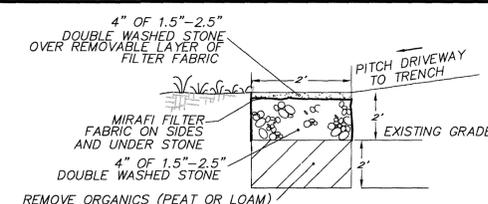
(4860-SP2015.dwg) GREAT ROAD SM-4860A Sheet 4 of 6





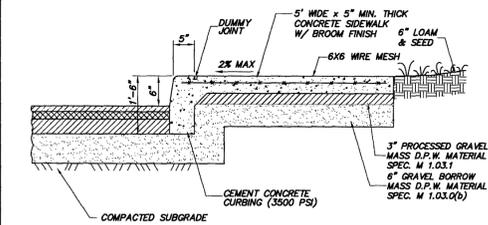
NOTES
 1. ALL GRAVEL IS TO BE COMPACTED TO 95% MAX. DRY DENSITY.
 2. AREA UNDER GRAVEL BASE COURSE TO BE FREE OF ORGANIC MATERIAL, TRASH, ETC. FILL WHERE REQUIRED SHALL CONFORM TO MASS. D.P.W. 1.03.c. 6" MAX. STONE.
 3. GRAVEL SHALL EXTEND 6" BEYOND ALL EDGE OF PAVEMENT LOCATIONS MATERIAL, TRASH, ETC. FILL WHERE REQUIRED SHALL CONFORM TO MASS. D.P.W. 1.03.c. 6" MAX. STONE.

PAVEMENT DETAIL
NOT TO SCALE



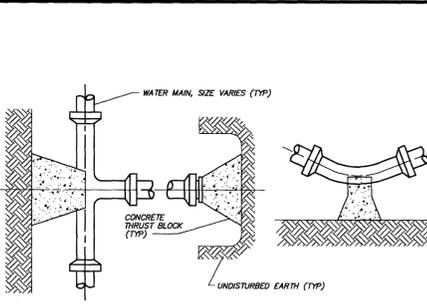
REMOVE ORGANICS (PEAT OR LOAM) REMOVE ROCK OR LEDGE AND REPLACE WITH CLEAN SAND

INFILTRATION TRENCH DETAIL
NOT TO SCALE

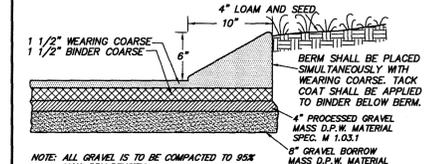


NOTES:
 1. ALL SIDEWALKS SHALL BE 5" THICK.
 2. CONSTRUCTION JOINTS SHALL BE SPACED AT INTERVALS EQUAL TO SIDEWALK WIDTH FOR SIDEWALKS LESS THAN 10'-0" WIDE UNLESS OTHERWISE NOTED.
 3. FOR 10' OR WIDER SIDEWALKS SPACE CONTRACTION JOINTS AT 5'-0" INTERVALS AND A LONGITUDINAL CONTRACTION JOINT IN THE CENTER OF THE SIDEWALK.
 4. CONTRACTION JOINTS SHALL BE 1" DEEP AND EDGED WITH A 1/8" RADIUS.
 5. USE 1/2" EXPANSION MATERIAL WHERE CONCRETE SIDEWALK ABUTS CONCRETE STRUCTURE AND NOT MORE THAN 20 FEET LONGITUDINALLY ACROSS THE WALK.
 6. ALL GRAVEL IS TO BE COMPACTED TO 95% MAX. DRY DENSITY.

CONCRETE SIDEWALK W/ CURB DETAIL
NTS

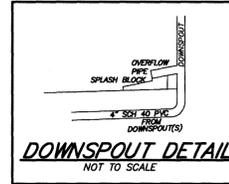


TYPICAL THRUST BLOCK DETAIL
NOT TO SCALE

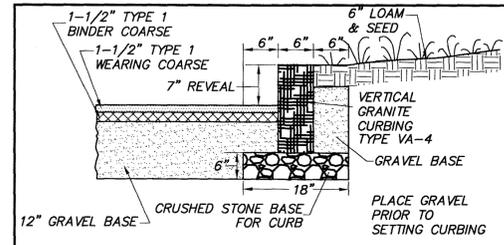


NOTE: ALL GRAVEL IS TO BE COMPACTED TO 95% MAX. DRY DENSITY.

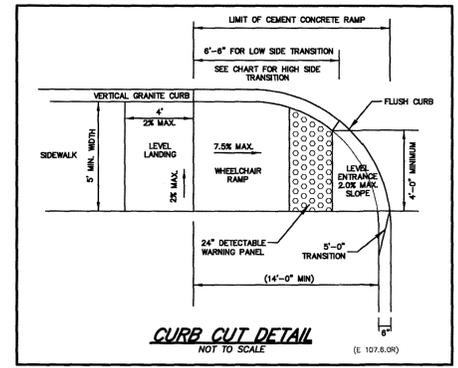
CAPE COD BERM DETAIL
NTS



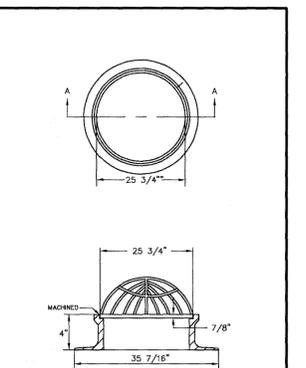
DOWNSPOUT DETAIL
NOT TO SCALE



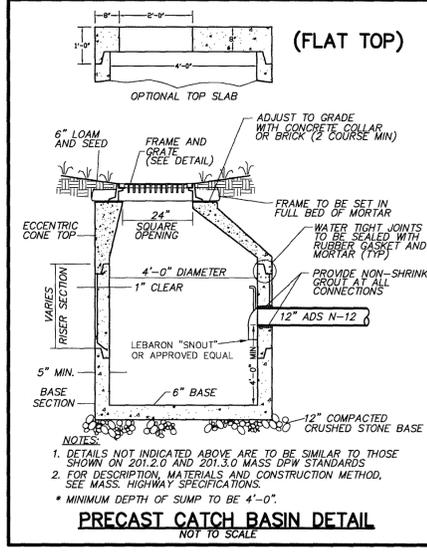
VERTICAL GRANITE CURBING DETAIL
NOT TO SCALE



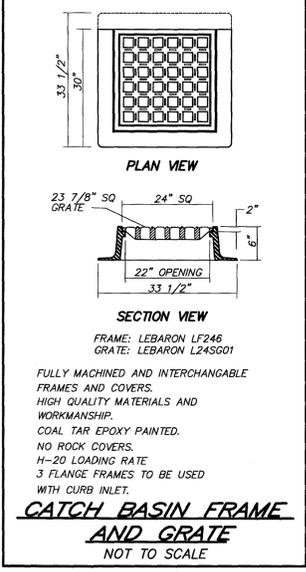
CURB CUT DETAIL
NOT TO SCALE



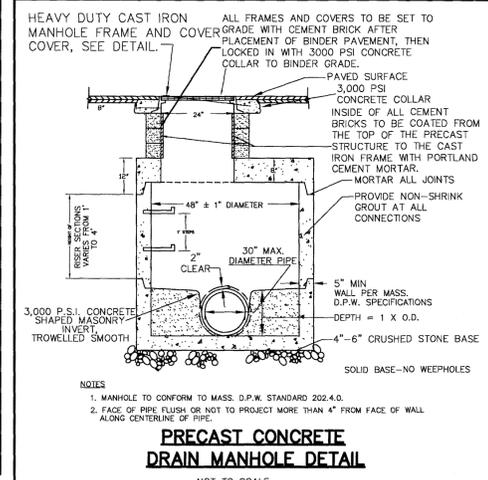
BEEHIVE FRAME AND GRATE
N.T.S.



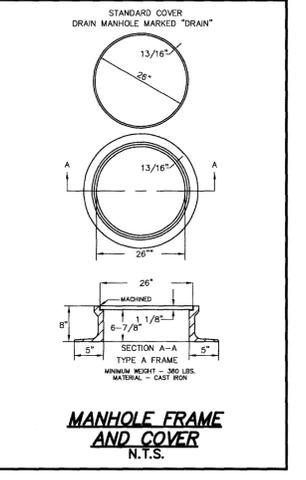
PRECAST CATCH BASIN DETAIL
NOT TO SCALE



CATCH BASIN FRAME AND GRATE
NOT TO SCALE



PRECAST CONCRETE DRAIN MANHOLE DETAIL
NOT TO SCALE



MANHOLE FRAME AND COVER
N.T.S.

CDS2015-4-C DESIGN NOTES

CDS2015-4-C RATED TREATMENT CAPACITY IS 1.4 GPD, OR PER LOCAL REGULATIONS. THE STANDARD CDS2015-4-C CONFIGURATION IS SHOWN. ALTERNATE CONFIGURATIONS ARE AVAILABLE AND ARE LISTED BELOW. SOME CONFIGURATIONS MAY BE COMBINED TO SUIT SITE REQUIREMENTS.

CONFIGURATION DESCRIPTION	REMARKS
GRATED INLET ONLY (NO BALET PIPES)	
GRATED INLET WITH INLET PIPE OR PIPES	
CURB INLET ONLY (NO BALET PIPES)	
CURB INLET WITH INLET PIPE OR PIPES	

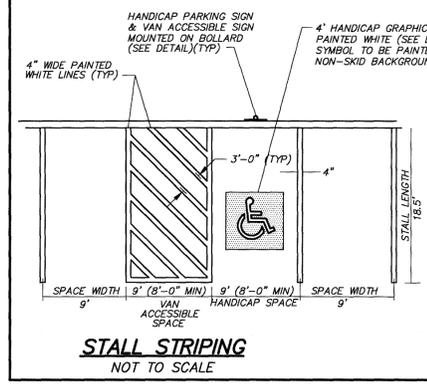
CONTECH SOLUTIONS

FRAME AND COVER
N.T.S.

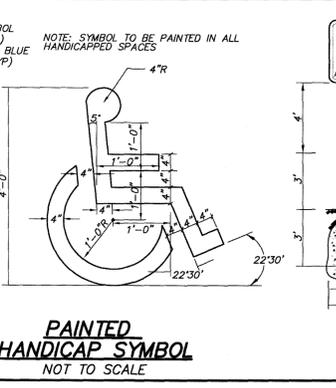
SITE SPECIFIC DATA REQUIREMENTS

STRUCTURE ID	ENTER QUALITY FLOW RATE (GPD)	PEAK FLOW RATE (GPD)	RETURN PERIOD OF PEAK FLOW (YRS)	SCREEN OPERATING PRESSURE (PSI)

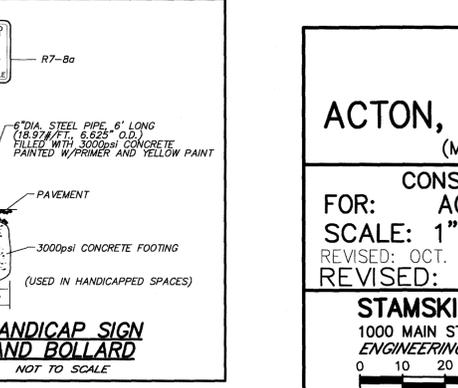
GENERAL NOTES:
 1. CONTRACTOR TO REMOVE ALL MATERIALS UNLESS NOTED OTHERWISE.
 2. DIMENSIONS MARKED WITH (1) ARE REFERENCE DIMENSIONS. ACTUAL DIMENSIONS MAY VARY.
 3. FOR FABRICATOR OR SHIPPER WITH DETAILED STRUCTURE DIMENSIONS AND HEIGHTS, PLEASE CONTACT YOUR CONTECH CONSTRUCTION PRODUCTS REPRESENTATIVE: www.contech-usa.com
 4. CDS FRAME QUALITY STRUCTURE SHALL BE IN ACCORDANCE WITH ALL DESIGN DATA AND INFORMATION CONTAINED IN THIS DRAWING.
 5. STRUCTURE SHALL MEET ASHTO HDSD AND CAPTIONS SHALL MEET ASHTO MSHD LOAD RATING. ASSUMING GROUNDWATER ELEVATION AT OR BELOW THE CURB/PIPE INVERT ELEVATION. DIMENSIONS OF RECORD TO CORRECT ACTUAL BREAKDOWN/ BURSTION.
 6. PVC HYDRAULIC SHEAR PLATE IS PLACED ON SHELF AT BOTTOM OF SCREEN CYLINDER. REMOVE AND REPLACE AS NECESSARY DURING MAINTENANCE CLEARANCE.
 7. ANY SUB-BASE, SUMP-FILL DEPTH, AND/OR ANTI-FLOTATION PROVISIONS ARE SITE-SPECIFIC DESIGN CONSIDERATIONS AND SHALL BE SPECIFIED BY ENGINEER OF RECORD.
 8. CONTRACTOR TO PROVIDE EQUIPMENT WITH SUFFICIENT LIFTING AND REACH CAPACITY TO LIFT AND SET THE CDS MANHOLE STRUCTURE LIFTING SOLUTIONS PROVIDED.
 9. CONTRACTOR TO ADD JOINT SEALANT BETWEEN ALL STRUCTURE SECTIONS AND ASSEMBLY STRUCTURE.
 10. CONTRACTOR TO PROVIDE, INSTALL, AND GROUT PIPES. MATCH PIPE SIZES WITH ELEVATION CHOWN.
 11. CONTRACTOR TO TAKE APPROPRIATE MEASUREMENTS TO DETERMINE LEFT IS WATER TIGHT, HOLDING WATER TO FLOWLINE INVERT MINIMUM. IT IS SUGGESTED THAT ALL JOINTS BELOW PIPE INVERTS ARE GROUTED.



STALL STRIPING
NOT TO SCALE



PAINTED HANDICAP SYMBOL
NOT TO SCALE



HANDICAP SIGN AND BOLLARD
NOT TO SCALE

SITE PLAN
IN
ACTON, MASSACHUSETTS
(MIDDLESEX COUNTY)

CONSTRUCTION DETAILS
FOR: **ACTON MANAGEMENT, INC.**
SCALE: 1"=20' JUNE 27, 2014
REVISED: OCT. 10, 2014 REVISED: NOV. 3, 2014
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STAMSKI AND MCNARY, INC.
1000 MAIN STREET ACTON, MASSACHUSETTS
ENGINEERING - PLANNING - SURVEYING
0 10 20 40 60 80 FT

(4860-SP2015.dwg) GREAT ROAD SM-4860A Sheet 5 of 6



GENERAL NOTES

- ALL UNDERGROUND UTILITIES SHOWN HEREON WERE COMPILED ACCORDING TO AVAILABLE RECORD PLANS FROM VARIOUS UTILITY COMPANIES AND PUBLIC AGENCIES AND ARE APPROXIMATE ONLY. ACTUAL LOCATIONS MUST BE DETERMINED IN THE FIELD BEFORE EXCAVATING, BLASTING, INSTALLING, BACKFILLING, GRADING, PAVEMENT RESTORATION OR REPAIRING. ALL UTILITY COMPANIES, PUBLIC AND PRIVATE, MUST BE CONTACTED INCLUDING THOSE IN CONTROL OF UTILITIES NOT SHOWN ON THIS PLAN. SEE CHAPTER 370, ACTS OF 1963 MASS. WE ASSUME NO RESPONSIBILITY FOR DAMAGE INCURRED AS A RESULT OF UTILITIES OMITTED OR INACCURATELY SHOWN. BEFORE PLANNING FUTURE CONNECTIONS, THE APPROPRIATE PUBLIC UTILITY ENGINEERING DEPARTMENT MUST BE CONSULTED. DIG-SAFE TELE. NO. (888) 344-7233.
- UNLESS OTHERWISE SPECIFIED ON THESE PLANS, ALL CONSTRUCTION METHODS AND MATERIALS SHALL COMPLY WITH SPECIFICATIONS OUTLINED IN THE ACTON ZONING BYLAW AND THE ACTON RULES AND REGULATIONS FOR SITE PLAN SPECIAL PERMITS.
- ALL LIMITS OF WORK SHALL BE LOCATED IN THE FIELD PRIOR TO CONSTRUCTION OR SITE CLEARING.
- ALL WATER PIPES, HYDRANTS, GATE VALVES AND OTHER APPURTENANCES SHALL BE INSTALLED IN ACCORDANCE WITH THE ACTON WATER SUPPLY DISTRICT REQUIREMENTS.
- ALL STUMPS AND OTHER CONSTRUCTION DEBRIS SHALL BE PROPERLY REMOVED ANY FILL MATERIAL USED SHALL BE FREE OF HAZARDOUS MATERIALS OR WASTE.
- ALL DRAIN PIPES SHALL BE ADS N-12 UNLESS OTHERWISE SHOWN.
- TRANSPORTATION OF FILL, EARTH, OR CONSTRUCTION DEBRIS TO OR FROM THE SITE SHALL BE RESTRICTED TO DAYTIME HOURS (9 AM TO 4 PM) MONDAY THROUGH FRIDAY.
- CONSTRUCTION SHALL BE IN ACCORDANCE WITH 521 CMR - ARCHITECTURAL ACCESS BOARD REGULATIONS. ALL PROPOSED SIDEWALKS SHALL HAVE A MAX. CROSS SLOPE OF 2% THE PROPOSED HANDICAP PARKING STALLS AND ADJACENT AREAS SHALL HAVE A MAX. SLOPE OF 2% IN ALL DIRECTIONS. A WAIVER TO THE REGULATIONS MAY BE NEEDED FOR HANDICAPPED PARKING SPACE LOCATIONS AND MUST BE CONFIRMED BY OWNER OR ARCHITECT.
- IT IS ANTICIPATED THE EXISTING SEPTIC TANKS, SOIL ABSORPTION SYSTEM, AND WATER LINE WILL BE ENCOUNTERED DURING CONSTRUCTION. THE EXISTING ONSITE SOIL ABSORPTION SYSTEM AND ASSOCIATED TANKS SHALL BE ABANDONED PURSUANT TO 310CMR 15.354 ABANDONMENT OF SYSTEMS OR REMOVED FROM SITE.
- TURNING RADIUS HAS BEEN DESIGNED TO ACCOMMODATE A SU-30 VEHICLE.
- ANY FILL MATERIAL USED SHALL BE FREE OF HAZARDOUS MATERIALS OR WASTE.
- USE THE EXISTING GRANITE CURBING AT THE PROPOSED ENTRANCE TO FILL IN THE EXISTING ENTRANCE.
- THE DEVELOPER IS RESPONSIBLE FOR CLEAN UP OF ANY SAND, DIRT OR DEBRIS WHICH ERODES FROM THE SITE ONTO GREAT ROAD AND TO REMOVE SILT OR DEBRIS THAT ENTERS ANY EXISTING DRAINAGE SYSTEM INCLUDING, BUT NOT LIMITED TO, CATCH BASIN SUMPS, PIPE LINES, MANHOLES, AND DITCHES IMMEDIATELY UPON DISCOVERY.
- SIGNAGE LOCATION AND PERMIT SUBJECT TO TOWN APPROVAL.

DRAINAGE SYSTEM OPERATION AND MAINTENANCE PLAN

- BMP OWNER:

OFFICE	RESIDENTIAL
ACTON MANAGEMENT, INC.	HOMEOWNER'S ASSOCIATION
69 GREAT ROAD	
ACTON, MA 01720	
- PARTIES RESPONSIBLE FOR MAINTENANCE: SAME AS ABOVE
- SCHEDULE FOR INSPECTION AND MAINTENANCE:

DEEP SUMP AND HOODED CATCH BASIN:
THE DEEP SUMPS FOR THE CATCH BASINS SHALL BE INSPECTED AND CLEANED QUARTERLY. THE CATCH BASINS HAVE A FOUR FOOT DEEP SUMP AND THE WATER LEVEL IS MAINTAINED BY THE DISCHARGE PIPE AT FOUR FEET. THE DISCHARGE PIPE IS HIDDEN FROM VIEW BY A HOODED OUTLET.
THE DEPTH OF THE SEDIMENT IN THE BASIN SHALL NOT EXCEED A DEPTH OF 18 INCHES AS DETERMINED BY PROBING WITH A STICK. IF THE STICK HITS THE BOTTOM WITHIN 30 INCHES OF THE WATER LEVEL, MORE THAN 18 INCHES OF SEDIMENT HAS ACCUMULATED AND MUST BE REMOVED. LICENSED PERSONS SHOULD REMOVE AND DISPOSE OF THE CONTENTS OF THE SUMP IN ACCORDANCE WITH APPLICABLE REGULATIONS.

VORTISENTRY HS
INSPECTION AND MAINTENANCE OF THE VORTISENTRY HS CAN BE PERFORMED FROM THE SURFACE, WITHOUT ENTRY INTO THE UNIT. PERFORM MAINTENANCE A MINIMUM OF TWICE PER YEAR. THE VORTISENTRY HS SHOULD BE CLEANED ONCE THE SEDIMENT HAS REACHED A DEPTH OF TWO FEET IN THE CHAMBER. PERFORM FREQUENT INSPECTIONS DURING THE FIRST YEAR OF INSTALLATION TO ACCURATELY ESTABLISH THE MAINTENANCE SCHEDULE.
REMOVE OIL AND SEDIMENT THROUGH THE MANHOLE COVER WITH THE USE OF A VACUUM TRUCK.

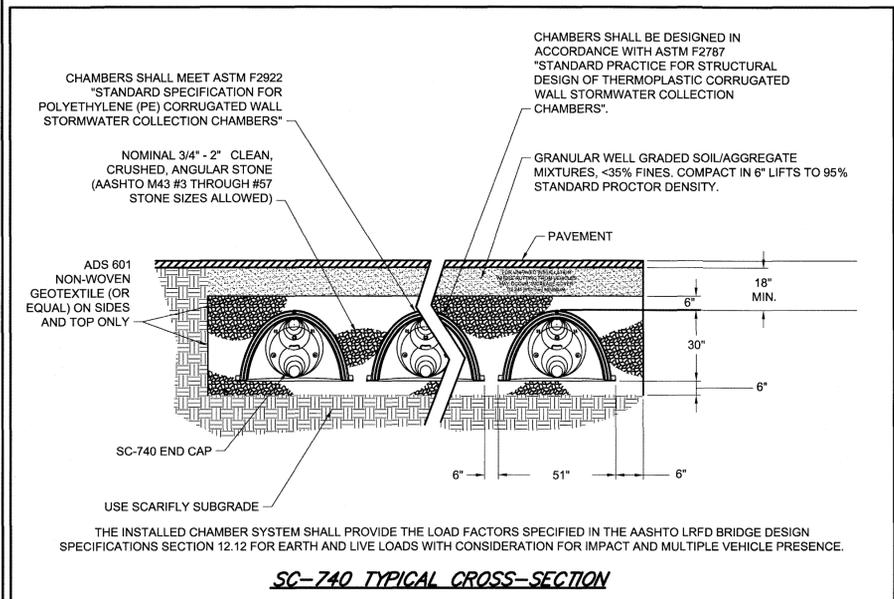
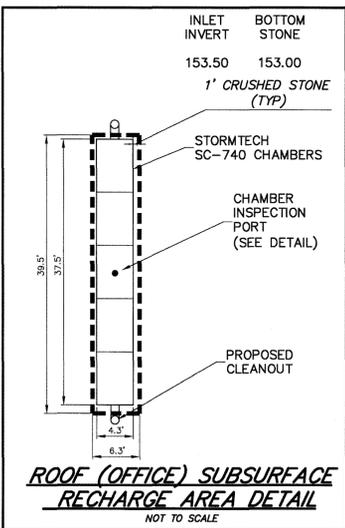
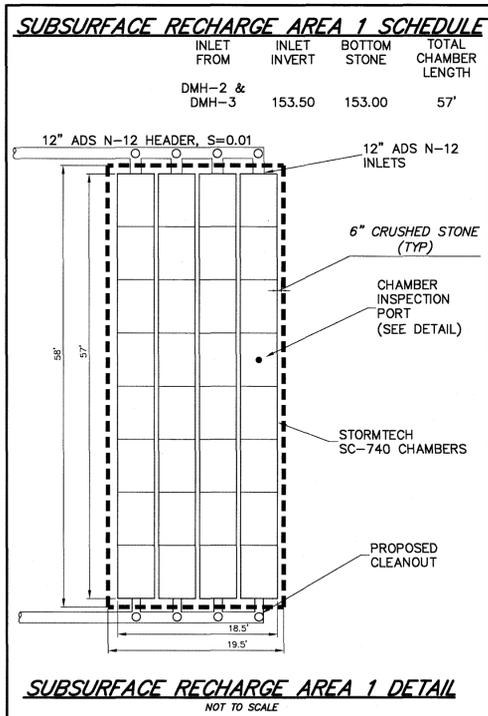
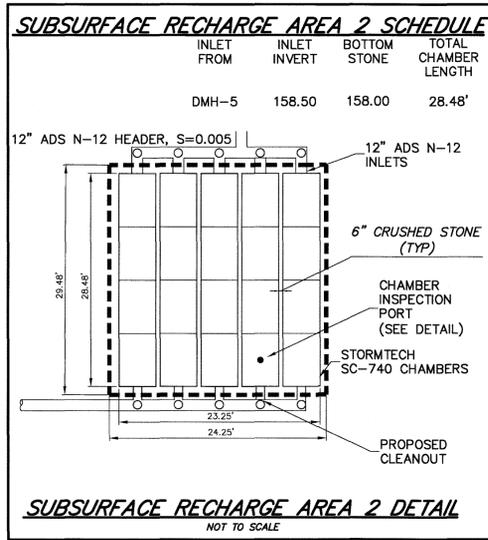
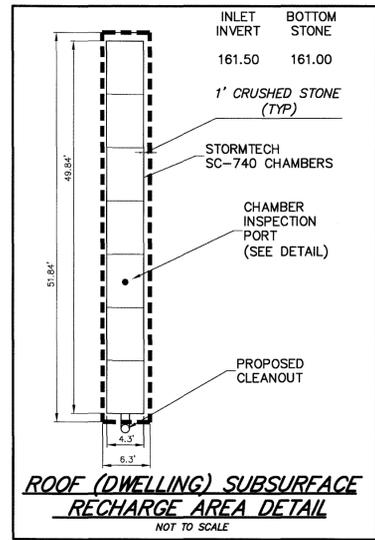
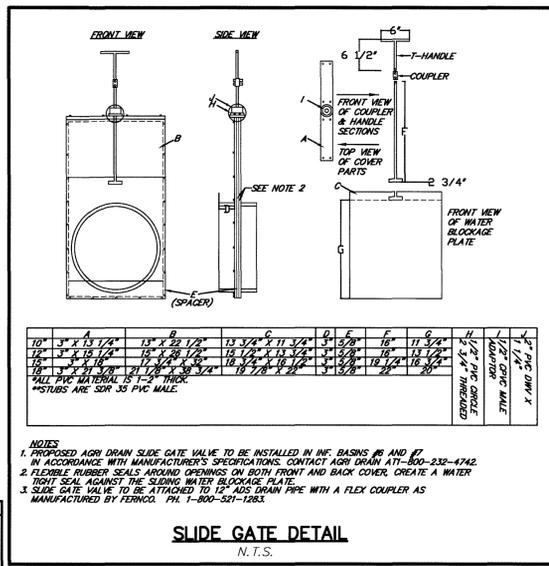
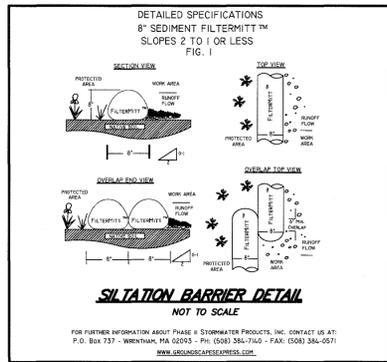
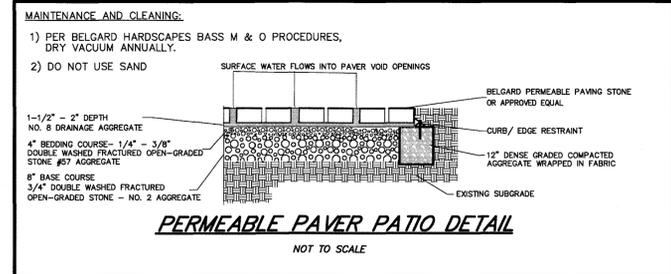
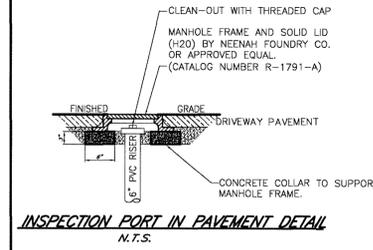
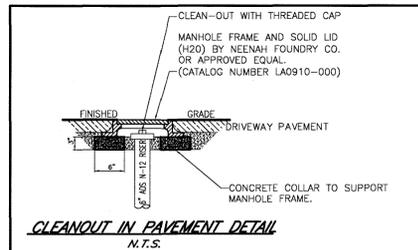
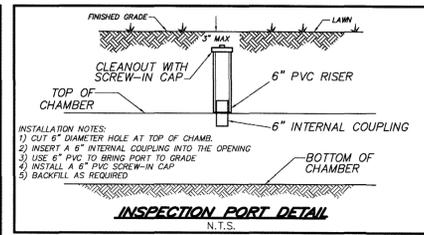
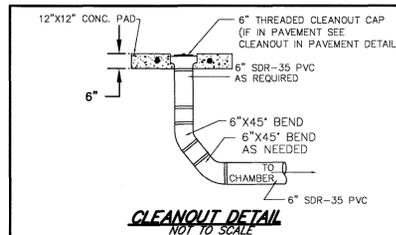
DISPOSAL FROM THE VORTISENTRY HS ARE SIMILAR TO THAT OF ANY OTHER BEST MANAGEMENT PRACTICE (BMP). CONSULT LOCAL GUIDELINES OR YOUR VORTISENTRY HS AREA MARKETING MANAGER PRIOR TO LOCATING THE SEPARATOR CONTENTS.
- SUBSURFACE RECHARGE AREAS:

THE INFILTRATION BED CLEANOUTS SHALL BE OPENED AND INSPECTED ANNUALLY. IF THE WATER LEVEL IS MORE THAN 24 INCHES ABOVE THE BOTTOM OF STONE ELEVATION, THE CHAMBERS SHALL BE FLUSHED WITH A PRESSURE HOSE, AND IF AFTER 24 HOURS THE WATER LEVEL HAS NOT DROPPED, THE INFILTRATION BED MAY HAVE TO BE REPLACED. (NOTE: THE RELATIVE ELEVATIONS OF CLEANOUT RIMS AND THE BOTTOM OF STONE SHALL BE TAKEN FROM THE SITE PLAN AS-BUILT. THIS INSPECTION SHOULD NOT BE DONE WITHIN 72 HOURS OF A RAIN EVENT.)

POROUS PATIO
CLEAN THE PAVERS EACH SPRING WITH A COARSE BRISTLE BROOM. APPLY WEED PREVENTATIVE AS NEEDED. BE CAREFUL USING A POWER WASHER AS IT MAY EXPOSE THE AGGREGATE ON THE PAVER'S SURFACE.
- EMERGENCY CONTACTS:

IN THE EVENT OF A HAZARDOUS MATERIALS SPILL ON THE SITE THE FOLLOWING PARTIES SHALL BE CONTACTED: FIRE DEPARTMENT: PH: 978-264-9645
- RECORDS:

THE OWNER SHALL MAINTAIN AN INSPECTION LOG OF ALL ELEMENTS OF THE STORM WATER MANAGEMENT PLAN. THE OWNER SHALL MAINTAIN A MAINTENANCE LOG DOCUMENTING THE INSPECTION AND MAINTENANCE OF THE DRAINAGE STRUCTURES UNDER HIS CONTROL. A COPY OF THE EROSION CONTROL AND STORM WATER MAINTENANCE PLAN AND INSPECTION LOGS SHALL BE KEPT ONSITE AT ALL TIMES.



SITE PLAN
IN
ACTON, MASSACHUSETTS
(MIDDLESEX COUNTY)

CONSTRUCTION DETAILS
FOR: ACTON MANAGEMENT, INC.
SCALE: 1"=20' JUNE 27, 2014
REVISED: OCT. 10, 2014 REVISED: NOV. 3, 2014
REVISED: OCTOBER 30, 2015

STAMSKI AND McNARY, INC.
1000 MAIN STREET ACTON, MASSACHUSETTS
ENGINEERING - PLANNING - SURVEYING
0 10 20 40 60 80 FT
(4860-SP2015.dwg) GREAT ROAD SM-4860A Sheet 6 of 6

