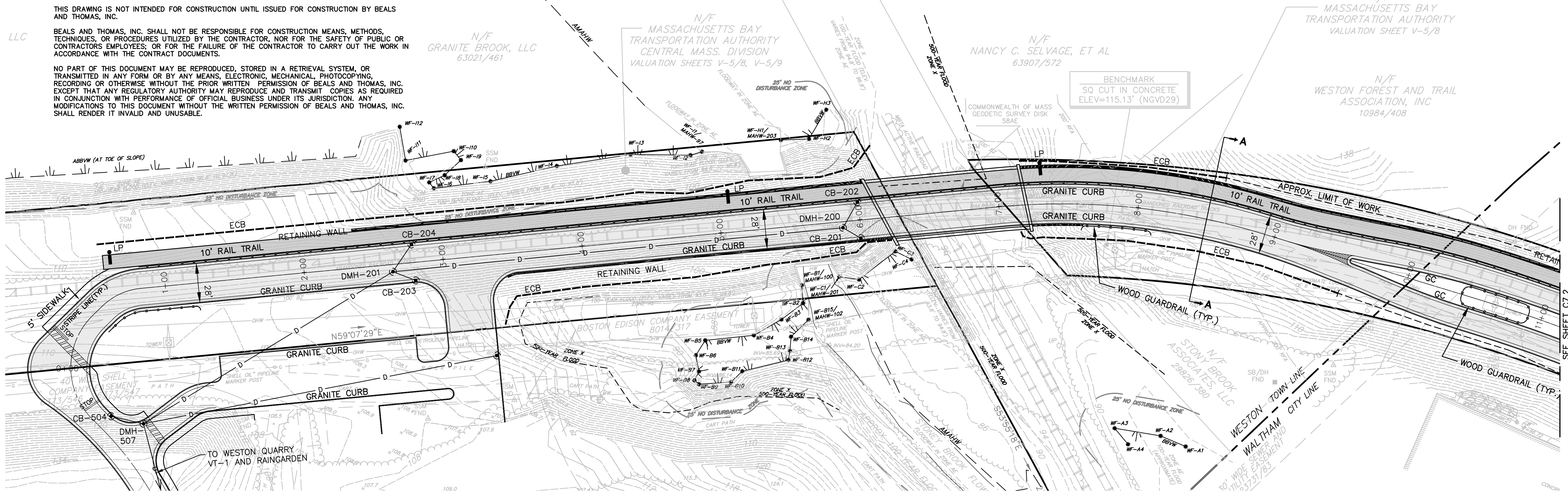
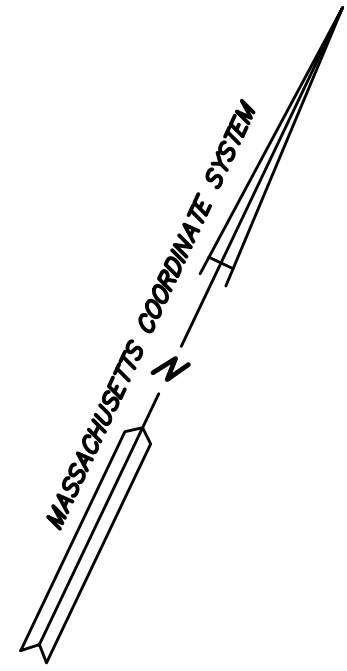


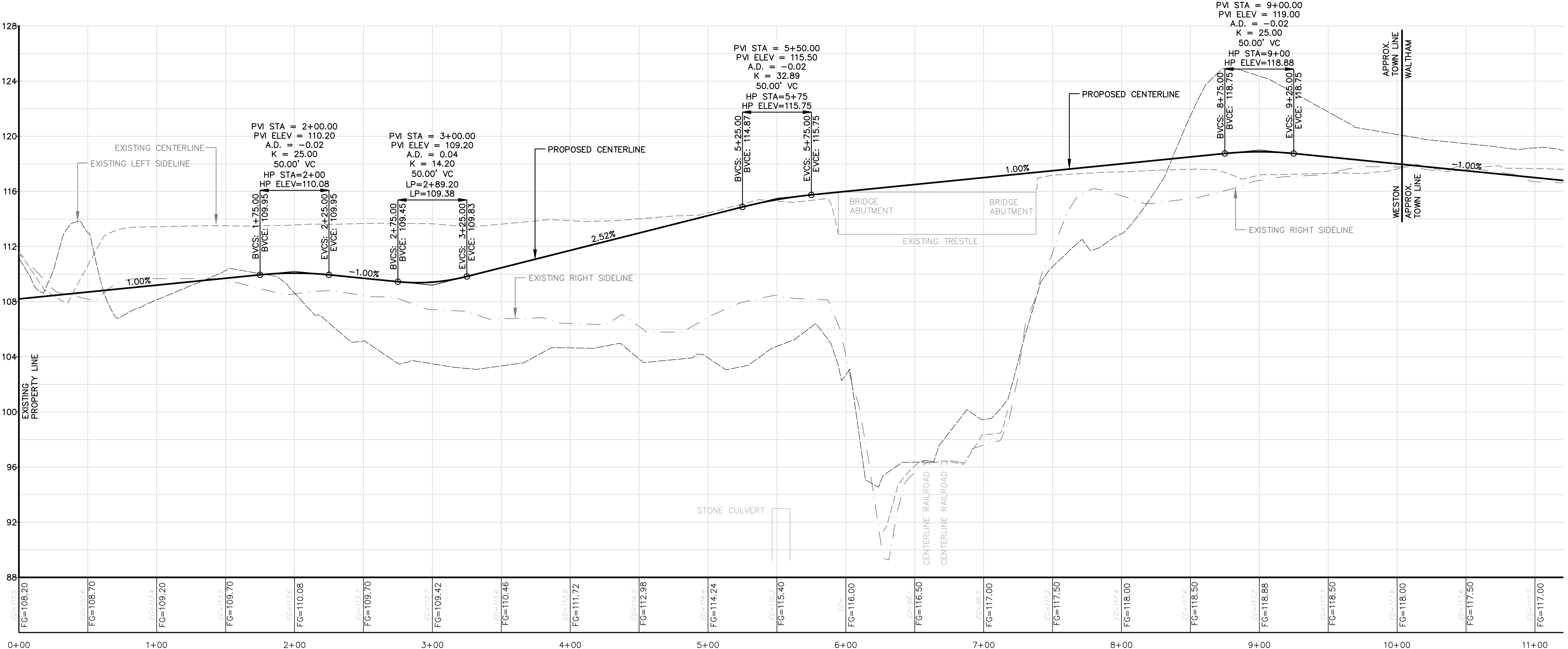
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**PLAN VIEW** SCALE: 1" = 40'



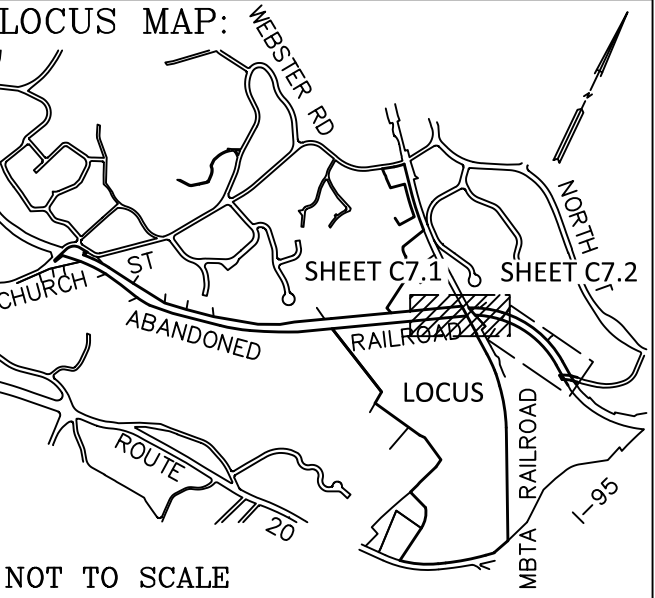
**PROFILE** STA 00+0 TO 11+00 SCALE: 1" = 40' HORIZONTAL  
SCALE: 1" = 4' VERTICAL

PREPARED FOR:

**BP WESTON QUARRY LLC**

PRUDENTIAL CENTER  
800 BOYLSTON STREET  
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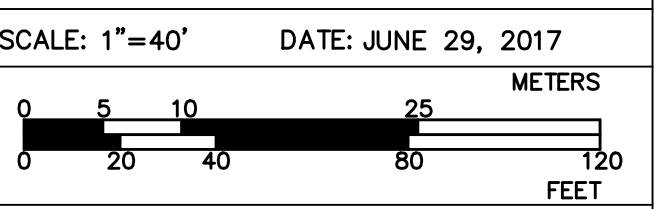
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MASSACHUSETTS  
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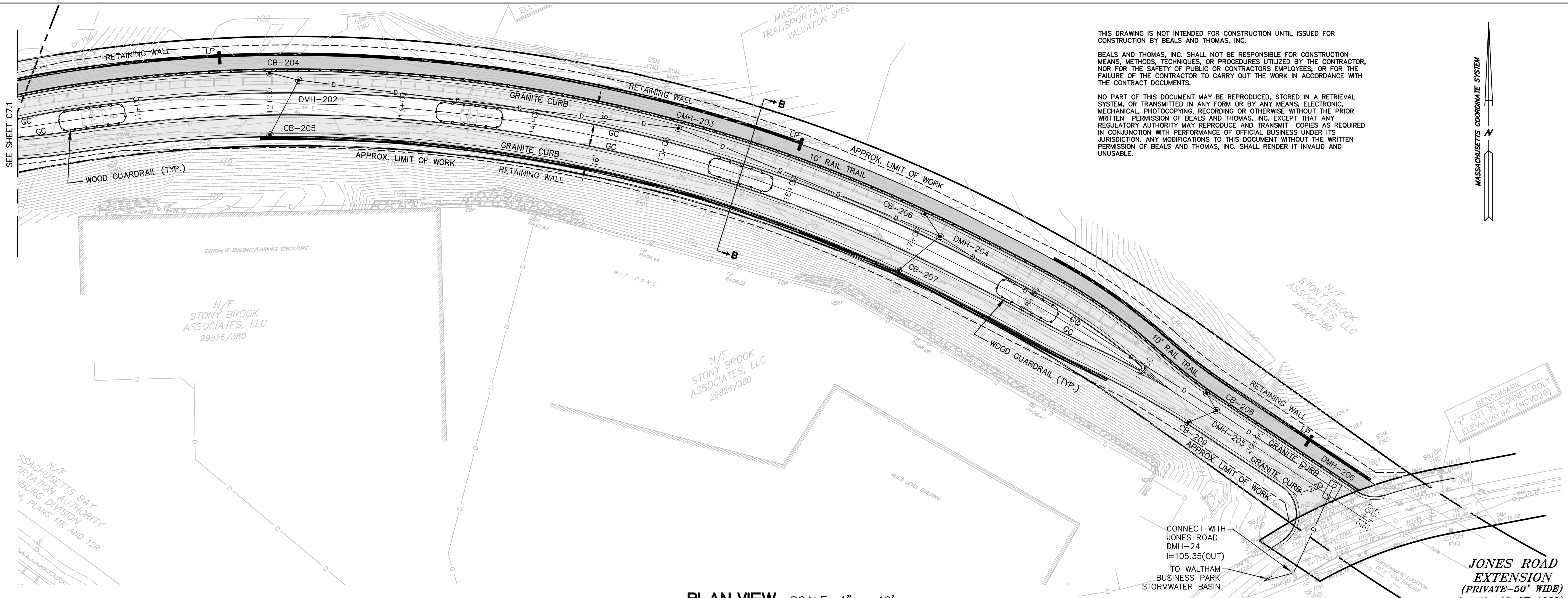


**JONES ROAD ACCESS DRIVE PLAN AND PROFILE**

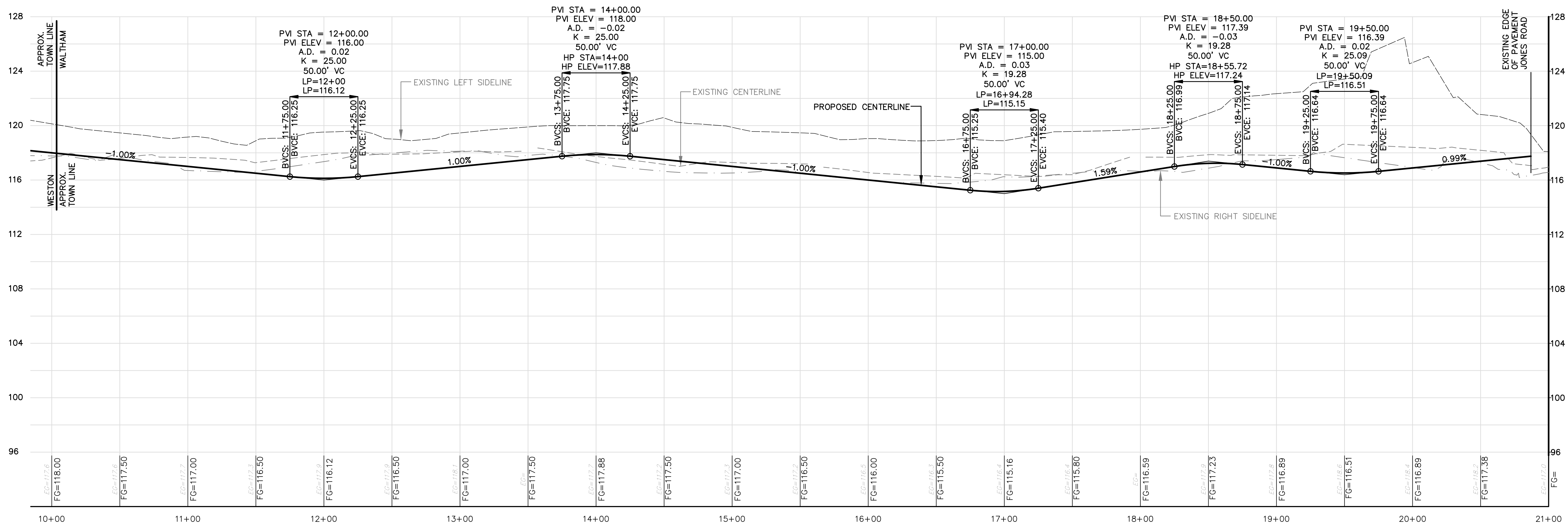
B+T JOB NO. 0193.51  
B+T PLAN NO. 019351P101A-001

**C7.1**

FOR NOTES, REFERENCES AND LEGEND, SEE SHEET C7.3



**PLAN VIEW** SCALE: 1" = 40'



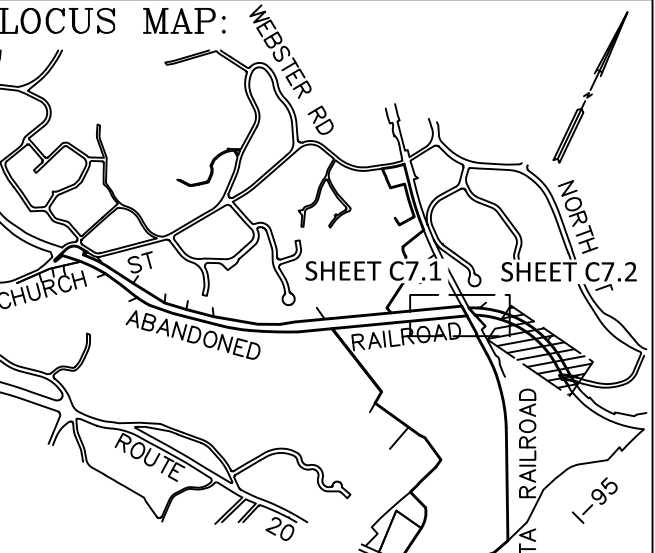
**PROFILE STA 11+00 TO END** SCALE: 1" = 40' HORIZONTAL  
SCALE: 1" = 4' VERTICAL

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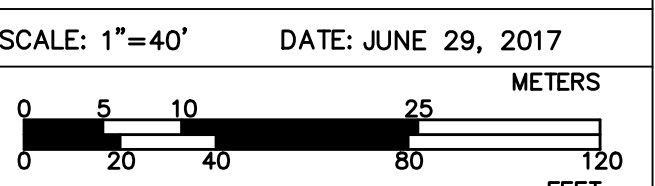
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MASSACHUSETTS  
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**JONES ROAD ACCESS DRIVE PLAN AND PROFILE**

B+T JOB NO. 0193.51

B+T PLAN NO. 019351P101A-002

**C7.2**

FOR NOTES, REFERENCES AND LEGEND, SEE SHEET C7.3

**GENERAL NOTES**

THE CONTRACTOR SHALL MAKE ALL NECESSARY CONSTRUCTION NOTIFICATIONS AND APPLY FOR AND OBTAIN ALL NECESSARY CONSTRUCTION PERMITS. THE CONTRACTOR SHALL ALSO PAY ALL FEES AND POST ALL BONDS ASSOCIATED WITH THE SAME, AND COORDINATE WITH THE ENGINEER AND ARCHITECT AS REQUIRED.

CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOB SITE SAFETY AND ALL CONSTRUCTION MEANS AND METHODS.

LIMIT OF WORK SHALL BE EROSION CONTROL BARRIERS, LIMIT OF GRADING AND SITE PROPERTY LINES AND/OR AS INDICATED ON DRAWINGS.

PORTIONS OF THE ROADWAY, SIDEWALK AND ROADSIDE AREA DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED TO THEIR CONDITIONS PRIOR TO DISTURBANCE.

CONTRACTOR TO VERIFY UTILITY STUB LOCATIONS AND ELEVATIONS IN THE FIELD PRIOR TO COMMENCING WORK.

ANY ALTERATION TO THESE DRAWINGS MADE IN THE FIELD DURING CONSTRUCTION SHALL BE RECORDED BY THE CONTRACTOR ON RECORD DOCUMENTS.

ANY AREA OUTSIDE THE LIMIT OF WORK THAT IS DISTURBED SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT NO COST TO OWNER.

EXISTING TREES AND SHRUBS OUTSIDE THE LIMITS OF GRADING SHALL BE REMOVED ONLY UPON PRIOR APPROVAL OF THE OWNER.

FOR DRAWING LEGIBILITY, ALL EXISTING TOPOGRAPHIC FEATURES, EXISTING UTILITIES, PROPERTY BOUNDARIES, EASEMENTS, ETC. MAY NOT BE SHOWN ON ALL DRAWINGS. REFER TO ALL REFERENCED DRAWINGS AND OTHER DRAWINGS IN THIS SET FOR ADDITIONAL INFORMATION.

ALL EXCAVATORS OR CONTRACTORS MUST REFER TO 520 CMR 14.00 TO OBTAIN A TRENCH PERMIT PRIOR TO ANY CONSTRUCTION RELATED TRENCHES ON SITE.

**EROSION CONTROL AND SEDIMENTATION NOTES**

AN EROSION CONTROL BARRIER SHALL BE INSTALLED ALONG THE EDGE OF PROPOSED DEVELOPMENT AS INDICATED IN THE PLAN PRIOR TO THE COMMENCEMENT OF DEMOLITION OR CONSTRUCTION OPERATIONS.

CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL MEASURES DURING ENTIRE CONSTRUCTION PERIOD.

ANY SEDIMENT TRACKED ONTO PUBLIC RIGHT-OF-WAYS SHALL BE SWEEPED AT THE END OF EACH WORKING DAY.

ALL STOCKPILE AREAS SHALL BE LOCATED WITHIN LIMIT OF WORK LINE AND STABILIZED TO PREVENT EROSION.

ALL DEBRIS GENERATED DURING SITE PREPARATION ACTIVITIES SHALL BE LEGALLY DISPOSED OF OFF SITE.

PROVIDE CRIBBING AS NECESSARY TO PROTECT EXISTING UTILITY LINES DURING CONSTRUCTION.

SITE ELEMENTS TO REMAIN MUST BE PROTECTED FOR DURATION OF PROJECT.

ALL TOPSOIL ENCOUNTERED WITHIN WORK AREA SHALL BE STRIPPED TO ITS FULL DEPTH AND STOCKPILED FOR REUSE. EXCESS TOPSOIL SHALL BE DISPOSED OF ON SITE AS DIRECTED BY OWNER. TOPSOIL PILES SHALL REMAIN SEGREGATED FROM EXCAVATED SUBSURFACE SOIL MATERIALS.

ADDITIONAL EROSION CONTROL MEASURES SHALL BE IMPLEMENTED AS CONDITIONS WARRANT OR AS DIRECTED BY THE OWNER OR OWNER'S REPRESENTATIVE.

ALL POINTS OF CONSTRUCTION EGRESS OR INGRESS SHALL BE MAINTAINED TO PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC ROADS.

ALL AREAS IDENTIFIED AS CRITICAL AREA SEEDING SHALL BE STABILIZED DURING CONSTRUCTION BY SEEDING WITH ANNUAL RYE GRASS AT THE RATE OF FORTY (40) LBS/ACRE.

TEMPORARY DIVERSION DITCHES, PERMANENT DITCHES, CHANNELS, EMBANKMENTS AND ANY DENUDE SURFACE WHICH WILL BE EXPOSED FOR A PERIOD OF ONE MONTH OR MORE SHALL BE CONSIDERED CRITICAL VEGETATION AREAS. THESE AREAS SHALL BE MULCHED WITH STRAW. MULCH SHALL BE SPREAD UNIFORMLY IN A CONTINUOUS BLANKET OF SUFFICIENT THICKNESS TO COMPLETELY HIDE THE SOIL FROM VIEW.

SOIL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSPECTED AND MAINTAINED ON A DAILY BASIS DURING CONSTRUCTION TO INSURE THAT CHANNELS, DITCHES AND PIPES ARE CLEAR OF DEBRIS AND THAT THE EROSION CONTROL BARRIERS ARE INTACT.

CONTRACTOR SHALL PROVIDE DUST CONTROL FOR CONSTRUCTION OPERATIONS AS APPROVED BY OWNER.

DUST SHALL BE CONTROLLED BY SPRINKLING OR OTHER APPROVED METHODS AS NECESSARY, OR AS DIRECTED BY THE OWNER OR HIS REPRESENTATIVE.

STRAW BALE CHECK DAMS SHALL BE PROVIDED AROUND ALL EXISTING DRAIN INLETS PRIOR TO CONSTRUCTION ACTIVITIES AND AROUND ALL PROPOSED DRAIN INLETS PRIOR TO PERMANENT PAVEMENT TO CONTROL SILTATION.

STRAW BALE CHECK DAMS ARE TO BE PROVIDED ON TWO HUNDRED (200) FOOT SPACINGS WITHIN ALL DRAINAGE SWALES AND DITCHES AND AT UPSTREAM SIDES OF ALL DRAINAGE INLETS.

RIP RAP SPLASH PADS SHALL BE INSTALLED AT THE OUTLETS FOR ALL CULVERTS DISCHARGING ADJACENT TO A WATERWAY.

EXTREME CARE SHALL BE EXERCISED SO AS TO PREVENT ANY UNSUITABLE MATERIAL FROM ENTERING THE WETLANDS.

ADDITIONAL STRAW BALES SHALL BE LOCATED AS CONDITIONS WARRANT OR AS DIRECTED BY THE OWNER OR HIS REPRESENTATIVE.

CLEAN AND MAINTAIN EROSION CONTROL BARRIER AS REQUIRED DURING CONSTRUCTION OPERATIONS TO ENSURE ITS CONTINUED FUNCTIONALITY.

**LAYOUT AND MATERIALS NOTES**  
ALL LINES AND DIMENSIONS ARE PARALLEL OR PERPENDICULAR TO THE LINES FROM WHICH THEY ARE MEASURED UNLESS OTHERWISE INDICATED.

COORDINATE THE LOCATION OF ALL SITE LIGHT STANDARDS WITH IMPROVEMENTS SHOWN ON PLANS PREPARED BY SASAKI ASSOCIATES, INC.

CONTRACTOR SHALL REPORT SIGNIFICANT CONFLICTS TO THE OWNER AND THE ENGINEER FOR RESOLUTION.

DIMENSIONS OF PARKING SPACES AND DRIVEWAYS ARE FROM FACE OF CURB TO FACE OF CURB.

DIMENSIONS FROM BUILDING ARE FROM FACE OF BUILDING TO FACE OF CURB. CONTRACTOR SHALL VERIFY ALL CONDITIONS IN THE FIELD AND REPORT ANY DISCREPANCIES TO THE ENGINEER. THE CONTRACTOR SHALL STAKE OUT BUILDING FROM THE LATEST ARCHITECTURAL DRAWINGS.

THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN SITE PLAN DIMENSIONS AND BUILDING PLANS BEFORE PROCEEDING WITH ANY PORTION OF SITE WORK WHICH MAY BE AFFECTED SO THAT PROPER ADJUSTMENTS TO THE SITE LAYOUT CAN BE MADE IF NECESSARY.

SEE ARCHITECTURAL DRAWINGS FOR EXACT BUILDING DIMENSIONS AND ALL DETAIL CONTIGUOUS TO THE BUILDING, LIGHTING, ENTRANCE PATIO, DOORWAY PADS, LOADING DOCK DETAILS, ETC.

ACCESSIBLE RAMPS SHALL BE PER MASSACHUSETTS STATE CODE AND THE AMERICANS WITH DISABILITIES ACT (ADA) ACCESSIBILITY GUIDELINES (WHICHEVER IS MORE STRINGENT).

EACH HANDICAP PARKING SPACE SHALL BE IDENTIFIED BY A SIGN SIX (6) FEET IN HEIGHT LOCATED AT THE FACE OF THE CURBLINE. THE SIGN SHALL CONTAIN THE INTERNATIONAL SYMBOL OF ACCESSIBILITY AS DESCRIBED IN THE AMERICANS WITH DISABILITIES ACT, PUBLIC LAW 101-336, (SEE DETAIL).

PROTECT EXISTING PROPERTY MONUMENTS AND ABUTTING PROPERTIES DURING CONSTRUCTION ACTIVITIES.

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**GRADING, DRAINAGE AND UTILITY NOTES**

UNDERGROUND UTILITIES WERE COMPILED FROM AVAILABLE RECORD PLANS OF UTILITY COMPANIES AND PUBLIC AGENCIES, ARE APPROXIMATE AND ASSUMED. BEFORE COMMENCING SITE WORK IN ANY AREA, CONTACT "DIG SAFE" AT 1-888-344-7233 TO ACCURATELY LOCATE UNDERGROUND UTILITIES. NO DAMAGE TO EXISTING UTILITIES OR STRUCTURES SHALL BE THE CONTRACTOR'S RESPONSIBILITY. ANY EXCAVATION SHALL BE DONE UNTIL UTILITY COMPANIES ARE PROPERLY NOTIFIED IN ADVANCE.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT CONFLICT WITH ANY KNOWN EXISTING OR OTHER PROPOSED IMPROVEMENTS. IF ANY CONFLICTS ARE DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE OWNER AND THE ENGINEER PRIOR TO INSTALLATION OF ANY PORTION OF THE SITE WORK WHICH WOULD BE AFFECTED.

ALL WORK PERFORMED AND ALL MATERIALS FURNISHED SHALL CONFORM WITH THE LINES, GRADES AND OTHER SPECIFIC REQUIREMENTS OR SPECIFICATIONS OF THE TOWN OF WESTON OR WALTHAM DPW (AS APPLICABLE).

AT ALL LOCATIONS WHERE EXISTING CURBING OR PAVEMENT ABUTS NEW CONSTRUCTION, THE EDGE OF THE EXISTING CURB OR PAVEMENT SHALL BE SAW CUT TO A CLEAN, SMOOTH EDGE. BLEND NEW PAVEMENT, CURBS AND EARTHWORK SMOOTHLY INTO EXISTING BY MATCHING LINES, GRADES AND JOINTS. PITCH EVENLY BETWEEN SPOT GRADES. GRADE ALL AREAS TO DRAIN.

THE CONTRACTOR SHALL VERIFY EXISTING GRADES IN THE FIELD AND REPORT ANY DISCREPANCIES IMMEDIATELY TO THE ENGINEER. THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS FOR THE ALTERATION AND ADJUSTMENT OF GAS, ELECTRIC, TELEPHONE AND ANY OTHER PRIVATE UTILITIES BY THE UTILITY COMPANIES, AS REQUIRED. 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 OWNER AND ENGINEER FOR RESOLUTION.

ALL UTILITY COVERS, GRATES, ETC. SHALL BE ADJUSTED TO BE FLUSH WITH THE PAVEMENT FINISH GRADE UNLESS OTHERWISE NOTED. RIM ELEVATIONS OF DRAINAGE STRUCTURES AND SANITARY SEWER MANHOLES ARE APPROXIMATE.

INSTALL ALL UTILITIES (INCLUDING CONCRETE PADS) PER UTILITY COMPANY AND DPW STANDARDS. AN EROSION CONTROL BARRIER SHALL BE INSTALLED ALONG THE EDGE OF PROPOSED DEVELOPMENT AS SHOWN ON THE PLAN PRIOR TO THE COMMENCEMENT OF CONSTRUCTION OPERATIONS.

ALL DRAINAGE PIPES SHALL BE SMOOTH WALLED CORRUGATED POLYETHYLENE PIPE (ADS N-12 OR APPROVED EQUAL) EXCEPT WHERE NOTED OTHERWISE.

ALL SANITARY PIPE SHALL BE SDR-35 PVC UNLESS OTHERWISE NOTED.

WATER LINE SHALL BE CLASS 52 CEMENT LINED DUCTILE IRON.

INSULATE SANITARY PIPES WHERE DEPTH OF EARTH COVER IS LESS THAN FOUR (4) FEET BELOW FINISHED GRADE.

CONTRACTOR SHALL PROTECT ALL UNDERGROUND DRAINAGE, SEWER AND UTILITY FACILITIES FROM EXCESSIVE VEHICULAR LOADS DURING CONSTRUCTION. ANY DAMAGE TO THESE FACILITIES RESULTING FROM CONSTRUCTION LOADS WILL BE RESTORED TO ORIGINAL CONDITION.

ALL WATER WORKS SHALL CONFORM TO WESTON OR WALTH DPW (AS APPLICABLE), WATER DIVISION SPECIFICATIONS, DETAILS, RULES AND REGULATIONS AND HAVE FIVE (5) FEET OF MINIMUM COVER. GAS, ELECTRIC, TELEPHONE AND FIRE ALARM CONNECTION LOCATIONS AND ROUTING ARE SUBJECT TO REVIEW AND APPROVAL BY APPROPRIATE UTILITY COMPANIES AND FIRE DEPARTMENT.

ABANDON EXISTING UTILITY SERVICES ON SITE ACCORDING TO UTILITY COMPANY AND TOWN OF WESTON OR WALTHAM REQUIREMENTS (AS APPLICABLE).

THE CONTRACTOR SHALL REMOVE ALL EROSION CONTROL BARRIERS AFTER REVEGETATION OF DISTURBED AREAS AND AFTER APPROVAL OF THE CONSERVATION COMMISSION AND WETLAND SPECIALIST.

ALL WATER UTILITY IMPROVEMENTS SHALL COMPLY WITH THE AMERICAN WATERWORKS ASSOCIATION STANDARDS AND THE TOWN OF WESTON OR WALTHAM (AS APPLICABLE) WATER DEPARTMENT SPECIFICATIONS.

RIP RAP APRONS SHALL BE INSTALLED AT THE OUTLETS FOR ALL CULVERTS.

WETLANDS ARE TO REMAIN UNDISTURBED. NO ENCROACHMENT PERMITTED.

EXCAVATION REQUIRED WITHIN THE PROXIMITY OF EXISTING UTILITY LINES SHALL BE DONE BY HAND. CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING UTILITY LINES OR STRUCTURES INCURRED DURING CONSTRUCTION OPERATIONS AT NO COST TO THE OWNER.

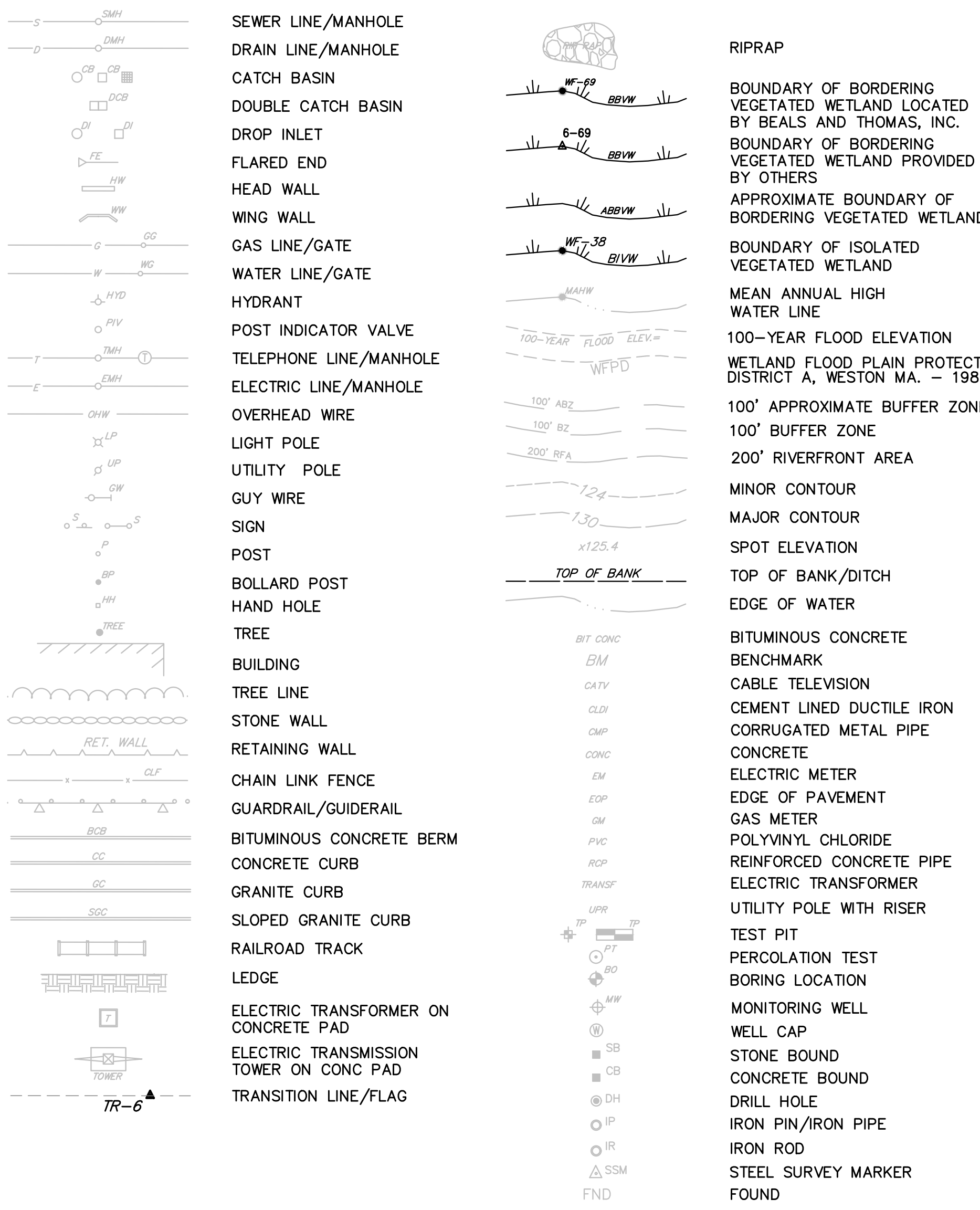
STOCKPILED TOPSOIL SHALL BE PLACED NEATLY IN AN AREA INDICATED BY THE OWNER.

PITCH EVENLY BETWEEN SPOT GRADES. ALL PAVED AREAS MUST PITCH TO DRAIN AT A MINIMUM OF 1/8" PER FOOT UNLESS SPECIFIED. ANY DISCREPANCIES NOT ALLOWING THIS MINIMUM PITCH SHALL BE REPORTED TO THE ENGINEER PRIOR TO CONTINUING WORK.

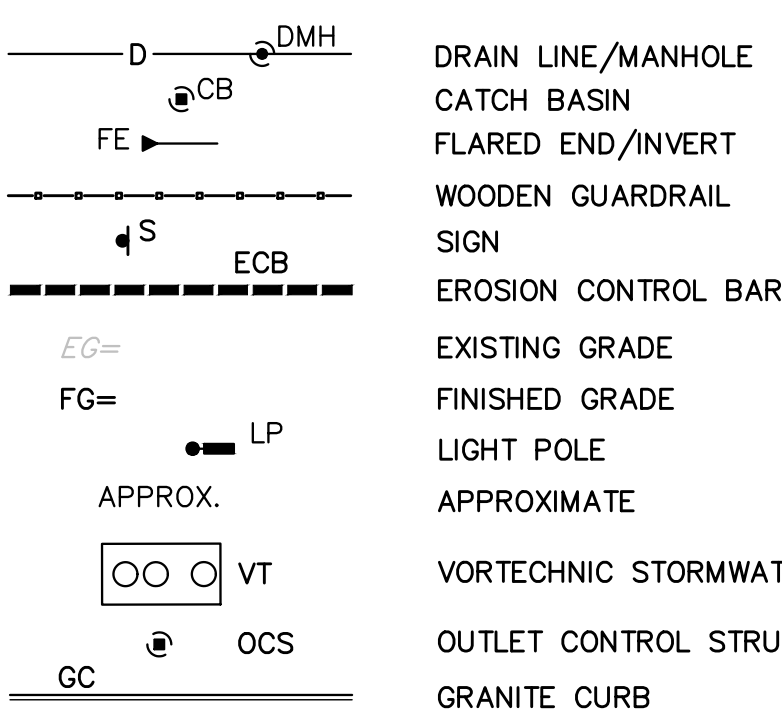
THE CONTRACTOR SHALL SCHEDULE HIS WORK TO ALLOW THE FINISHED SUBGRADE ELEVATIONS TO DRAIN PROPERLY WITHOUT PUDDLING. SPECIFICALLY, ALLOW WATER TO ESCAPE WHERE PROPOSED CURB MAY RETAIN RUNOFF PRIOR TO APPLICATION OF THE FINISH SUBGRADE AND/OR SURFACE PAVING. PROVIDE TEMPORARY POSITIVE DRAINAGE AS REQUIRED.

UNLESS OTHERWISE INDICATED, ABANDONED EXISTING UTILITY LINES SHALL BE CAPPED AND ABANDONED IN PLACE UNLESS THEY CONFLICT WITH PROPOSED IMPROVEMENTS. CAP REMAINING PORTIONS WHERE PARTIALLY REMOVED.

**LEGEND**



**PROPOSED LEGEND**



**NOTES**

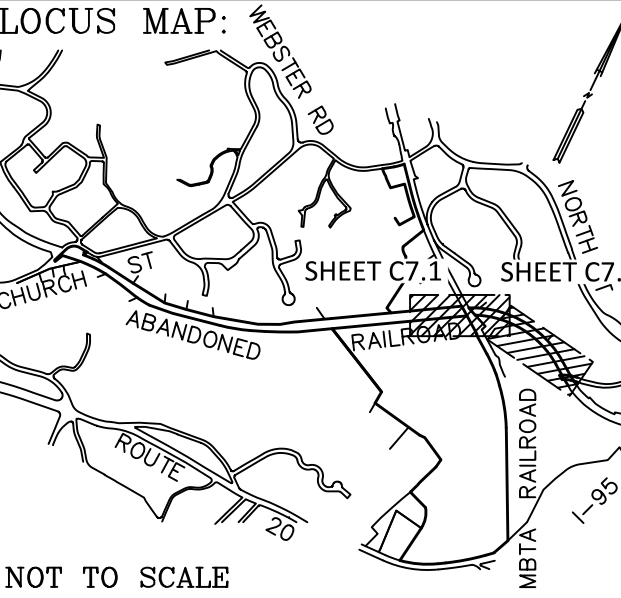
- 1) UNDERGROUND UTILITIES WERE COMPILED FROM AVAILABLE RECORD PLANS OF UTILITY COMPANIES AND PUBLIC AGENCIES AND ARE APPROXIMATE ONLY. BEFORE CONSTRUCTION CALL "DIG SAFE" 1-888-344-7233.
- 2) THIS PLAN WAS PREPARED FROM AN ACTUAL SURVEY MADE ON THE GROUND USING TOTAL STATION METHODS ON OR BETWEEN NOVEMBER 02, 2016 AND JANUARY 20, 2017.
- 3) ALL ELEVATIONS REFER TO THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD29).
- 4) WETLAND RESOURCE AREA FLAGS LOCATED BY TOTAL STATION METHODS BY BEALS AND THOMAS, INC. BETWEEN NOVEMBER 02, 2016 AND JANUARY 20, 2017.
- 5) THIS PLAN IS NOT INTENDED TO BE USED FOR PROPERTY LINE PURPOSES.
- 6) EASEMENTS OF RECORD ARE NOT SHOWN.
- 7) PORTIONS OF SITE SHOWN ARE LOCATED IN ZONE AE (SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD; BASE FLOOD ELEVATIONS DETERMINED) AND LOCATED IN ZONE A (SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD; NO BASE FLOOD ELEVATIONS DETERMINED), AS SHOWN ON "FLOOD INSURANCE RATE MAP, MIDDLESEX COUNTY, MASSACHUSETTS (ALL JURISDICTIONS) PANEL 393 OF 656", MAP NUMBER 25017C0393E, PANEL 394 OF 656", MAP NUMBER 25017C0394E, PANEL 531 OF 656", MAP NUMBER 25017C0531E, PANEL 532 OF 656", MAP NUMBER 25017C0532E, EFFECTIVE DATE JUNE 4, 2010.

PREPARED FOR:

**BP WESTON QUARRY LLC**

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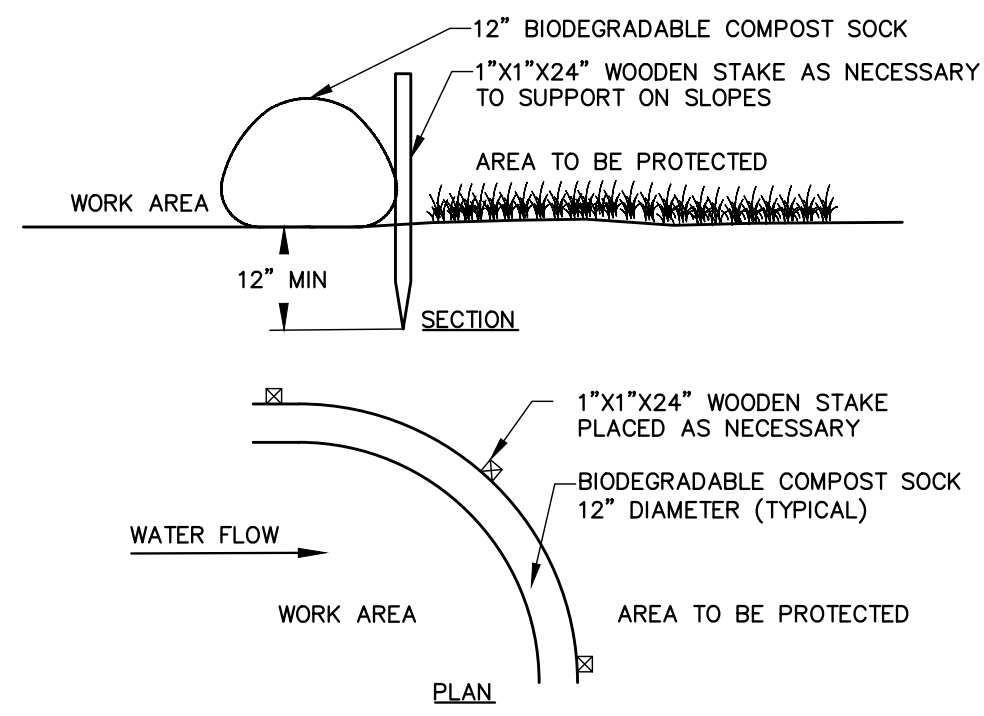
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PROJECT:  
**WESTON QUARRY**  
WALTHAM AND WESTON  
MASSACHUSETTS  
(MIDDLESEX COUNTY)

SCALE: N.T.S.      DATE: JUNE 29, 2017

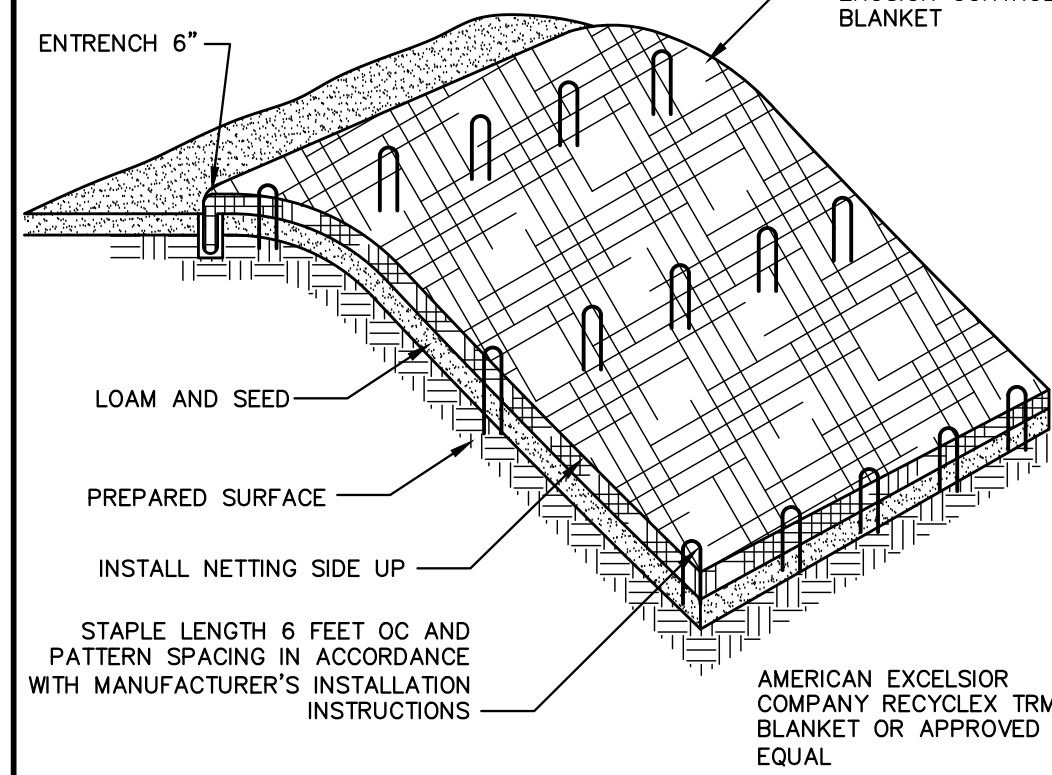
**JONES ROAD ACCESS DRIVE, NOTES REFERENCES AND LEGEND**

B+T JOB NO. 0193.51	<b>C7.3</b>
B+T PLAN NO. 019351P106A-001	



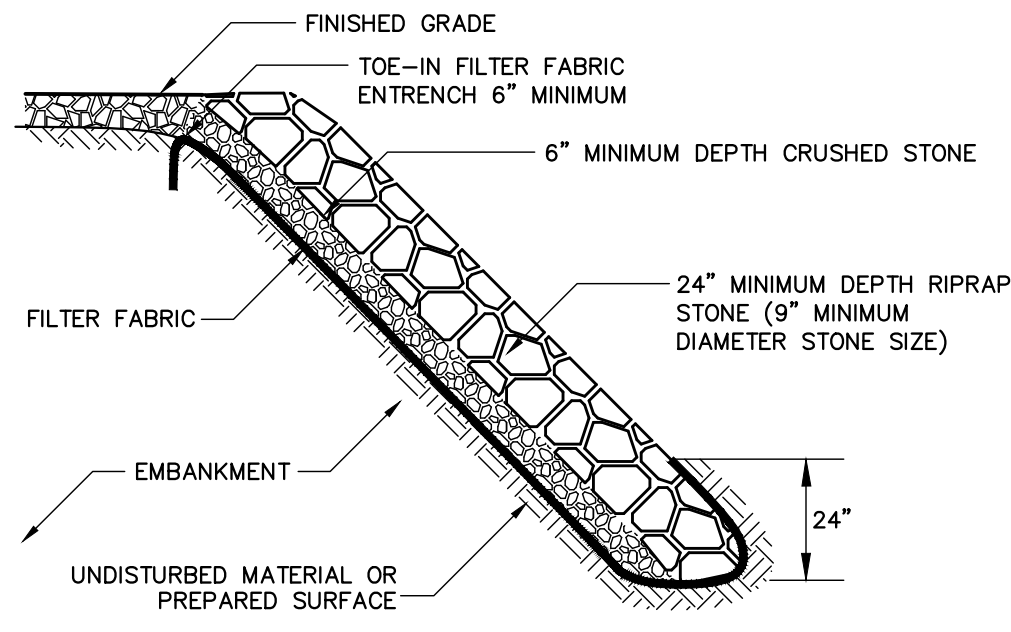
**BIODEGRADABLE COMPOST SOCK (ECB)**

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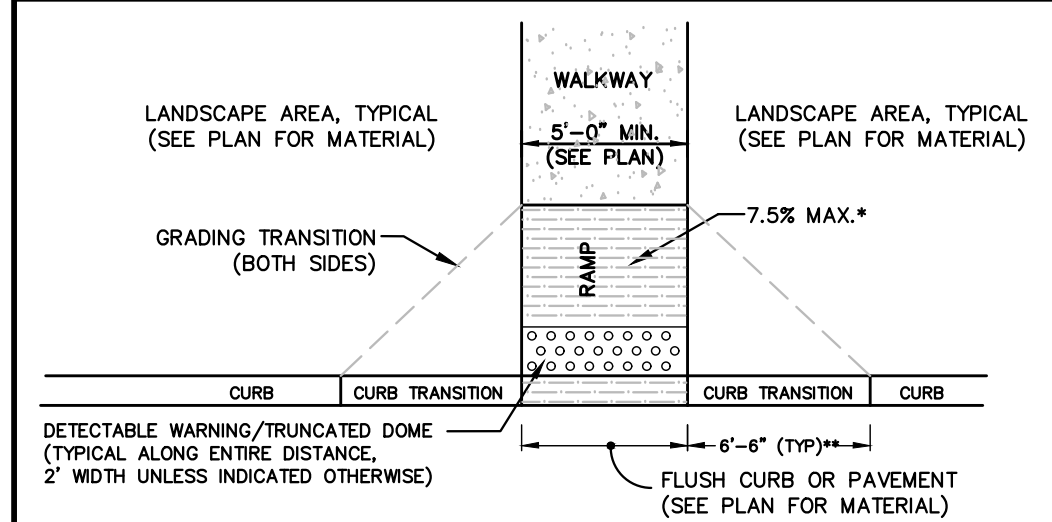
**SLOPE STABILIZATION**

NOT TO SCALE



**RIPRAP SLOPE PROTECTION**

NOT TO SCALE



**CURB RAMP (PERPENDICULAR)**

NOT TO SCALE

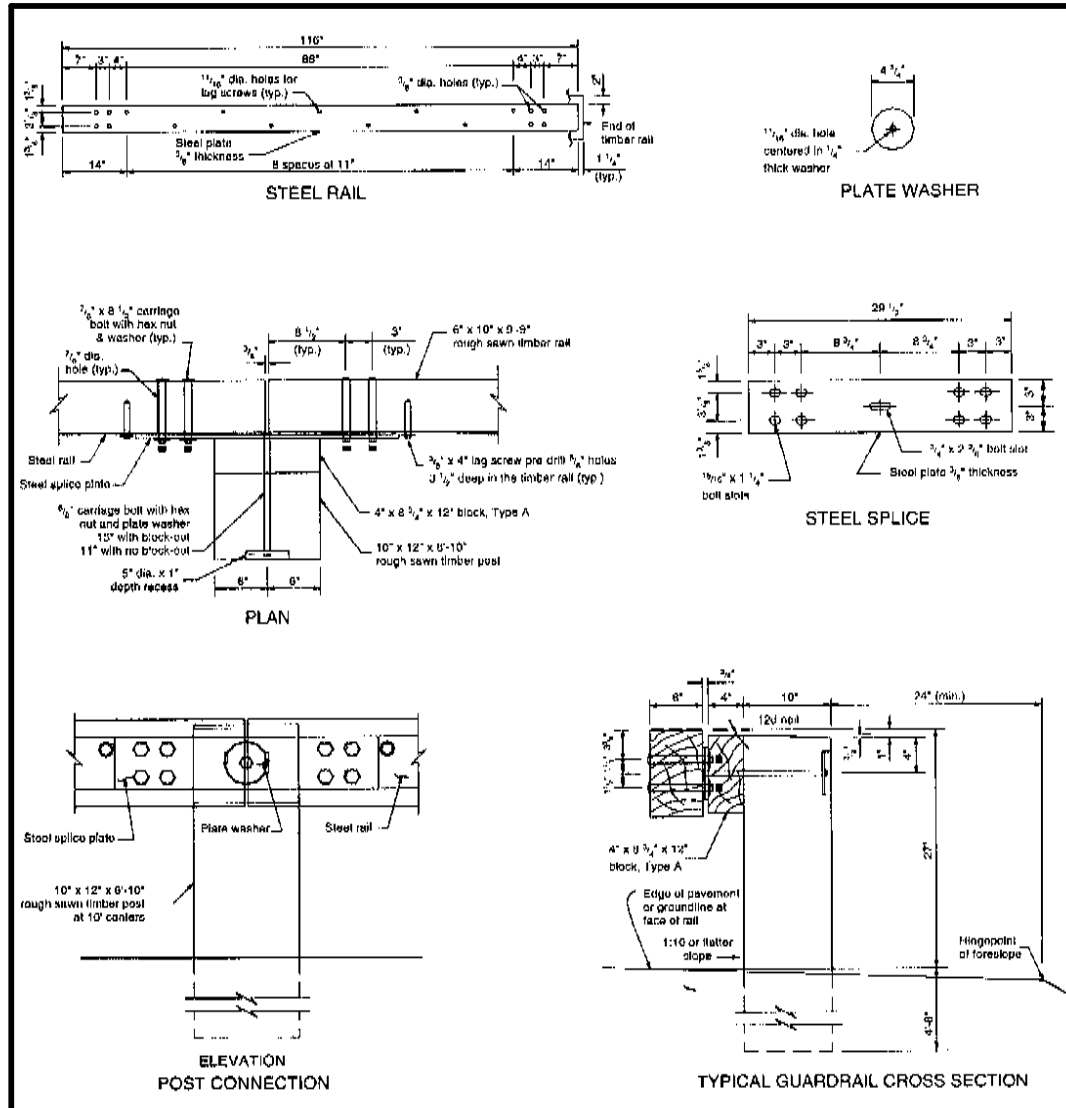
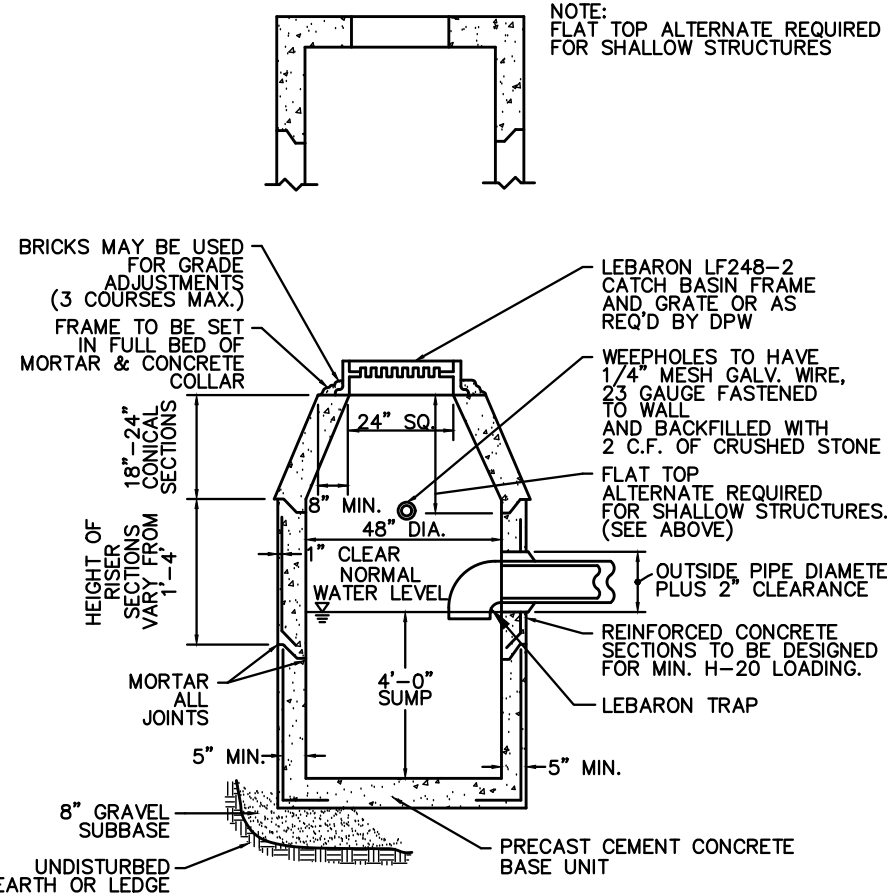


FIGURE B.6b Steel-backed wood rail [U.S. customary units]

AASHTO Designation: None  
 Post Type: 10 in. x 12 in. x 7 in. rough sawn timber  
 Beam Type: 6 in. x 10 in. timber with steel plate backing  
 Nominal Barrier Height: 27 in.

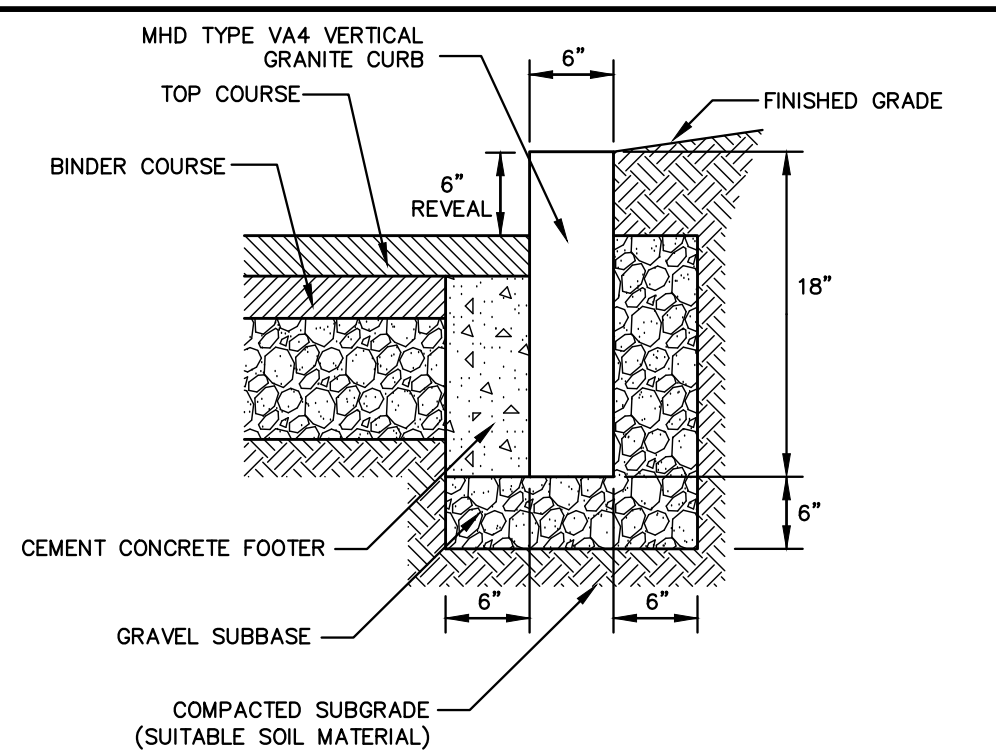
**WOOD GUARDRAIL**

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**PRECAST CONCRETE CATCH BASIN**

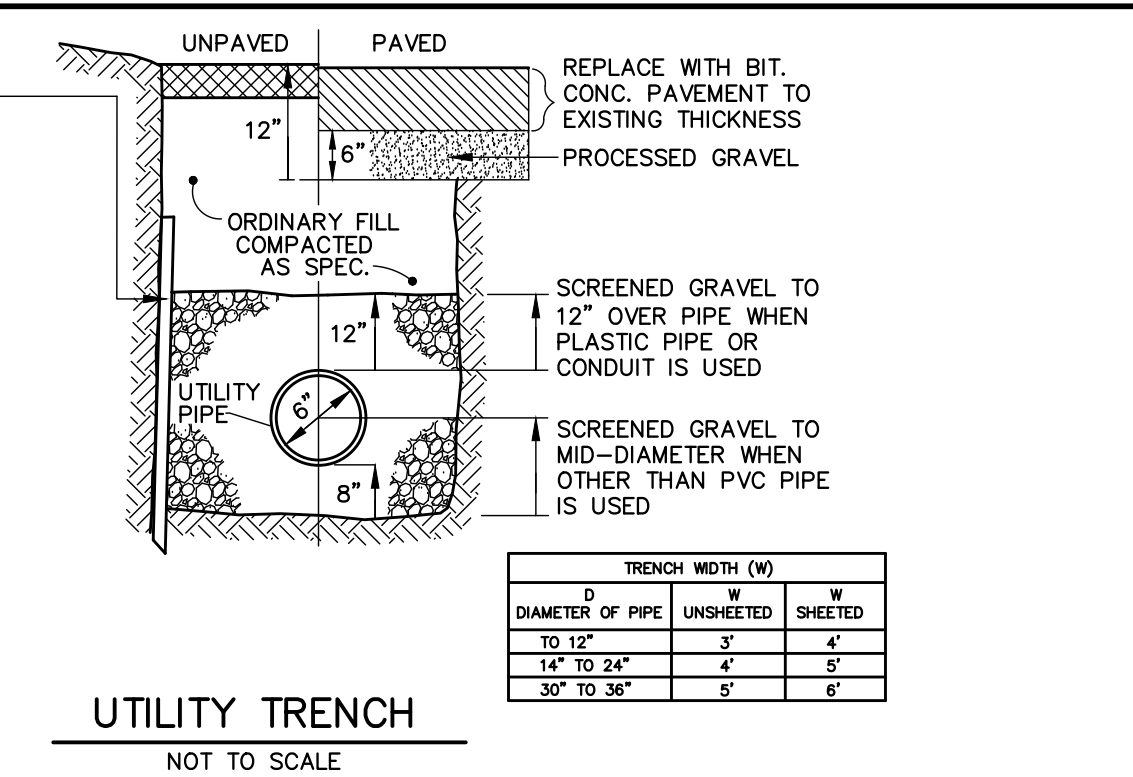
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**VERTICAL GRANITE CURB**

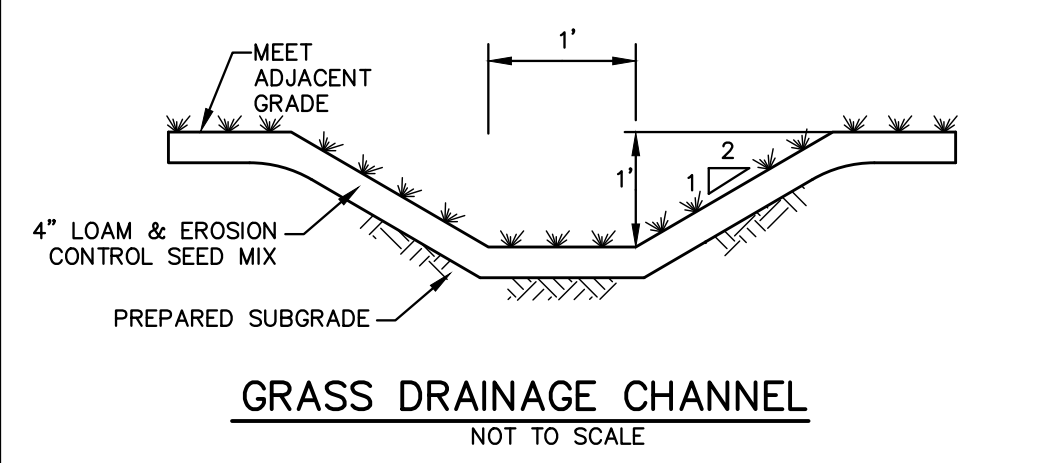
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**NOTES:**  
 1. WHENEVER SEWER LINES MUST CROSS WATER SUPPLY LINES BOTH PIPES SHALL BE CONSTRUCTED OF CLASS 150 PRESSURE PIPE AND SHALL BE PRESSURE TESTED TO ASSURE WATER TIGHTNESS.  
 2. SEWER LINES SHALL BE INSTALLED A MINIMUM OF 10 FEET HORIZONTALLY FROM ANY EXISTING OR PROPOSED WATER MAIN. FOR CROSSINGS OR WHEN CONDITIONS PREVENT A 10 FOOT LATERAL SEPARATION, THE SEWER MAY BE LAID CLOSER THAN 10 FEET IF IN A SEPARATE TRENCH. THE CROWN ELEVATION OF SEWER PIPE IS AT LEAST 18" BELOW WATER MAIN INVERT FOR SEWER WATER LINE CROSSINGS.  
 3. RECLAIMED WATER LINES SHALL BE INSTALLED A MINIMUM OF 3' HORIZONTALLY FROM ANY EXISTING OR PROPOSED WATER MAIN.  
 4. INSTALLATION SHALL MAXIMIZE DISTANCE FROM CROSSING TO JOINT LOCATIONS, AND ENCASE IN CONCRETE A MINIMUM OF 10 FEET FROM CROSSING LOCATION.



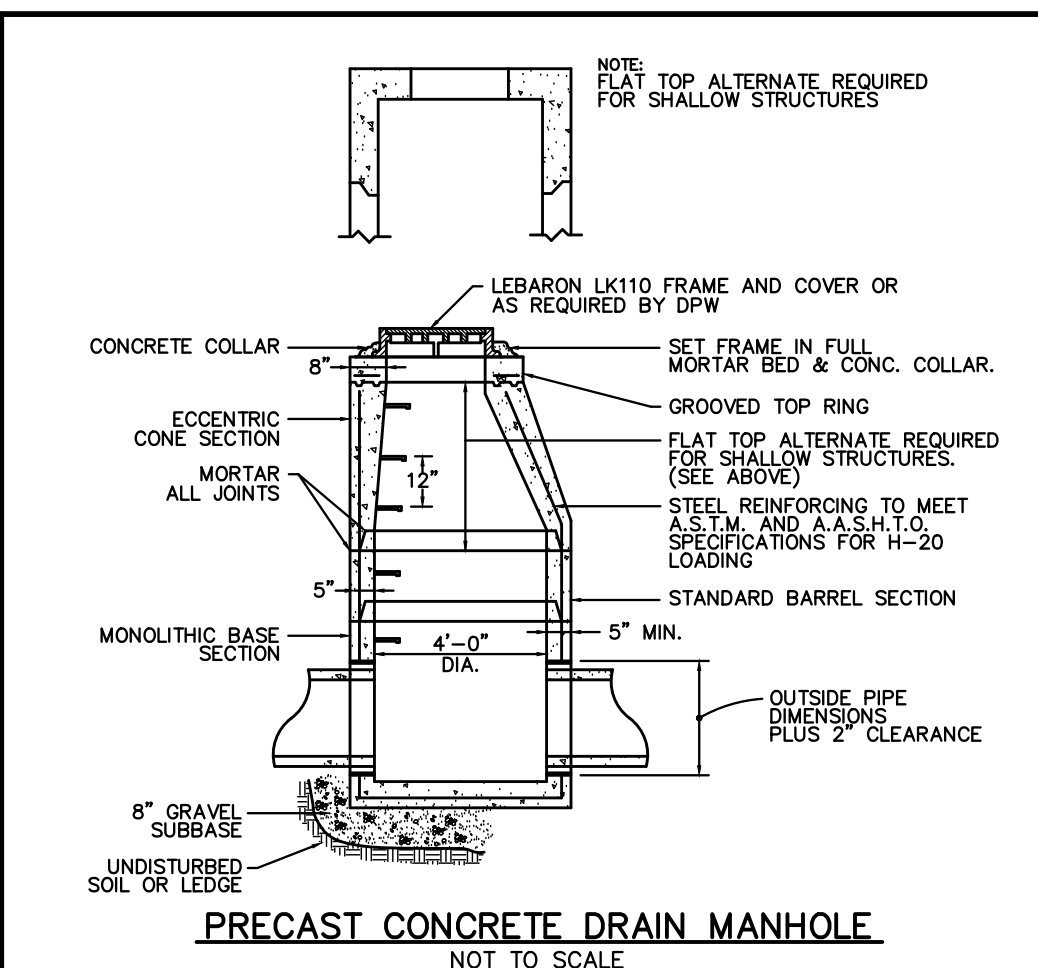
**UTILITY TRENCH**

NOT TO SCALE



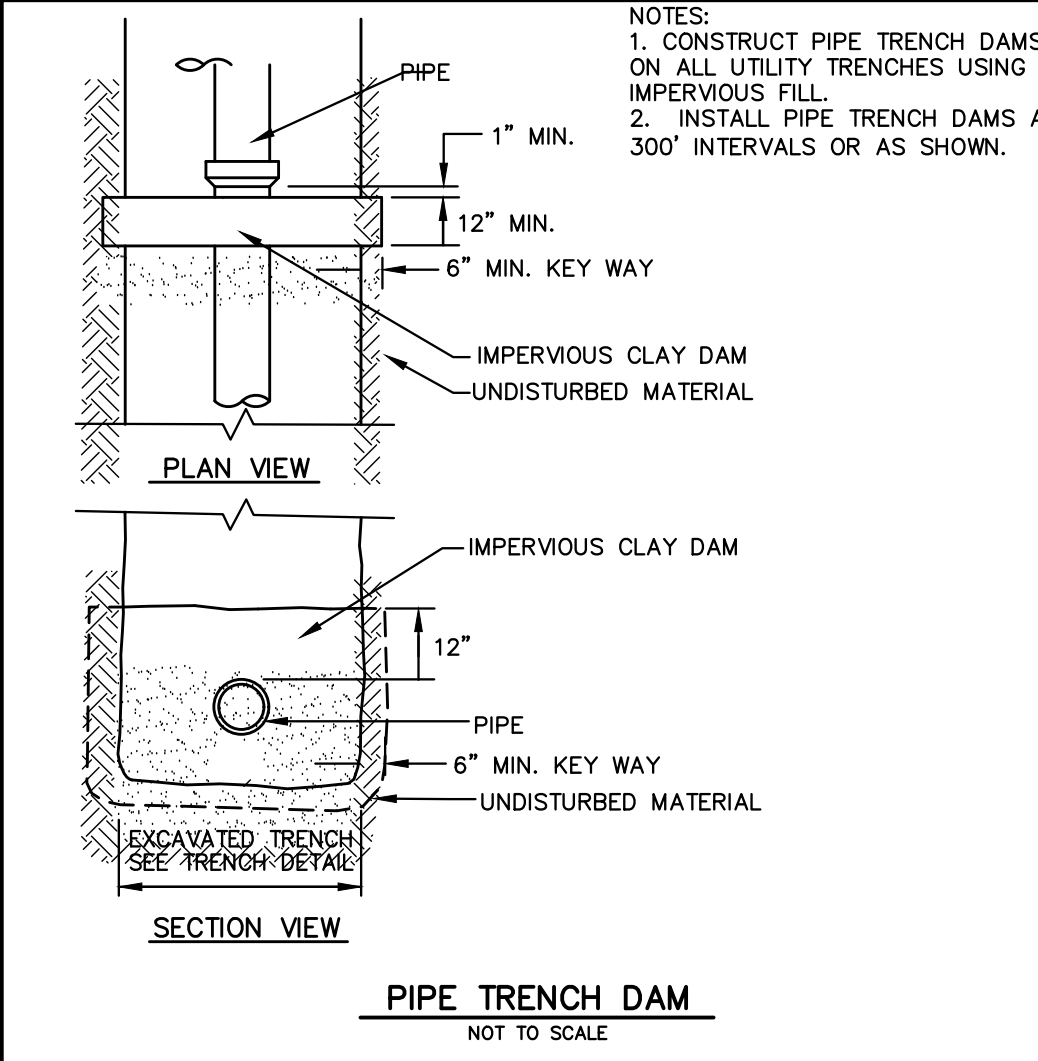
**GRASS DRAINAGE CHANNEL**

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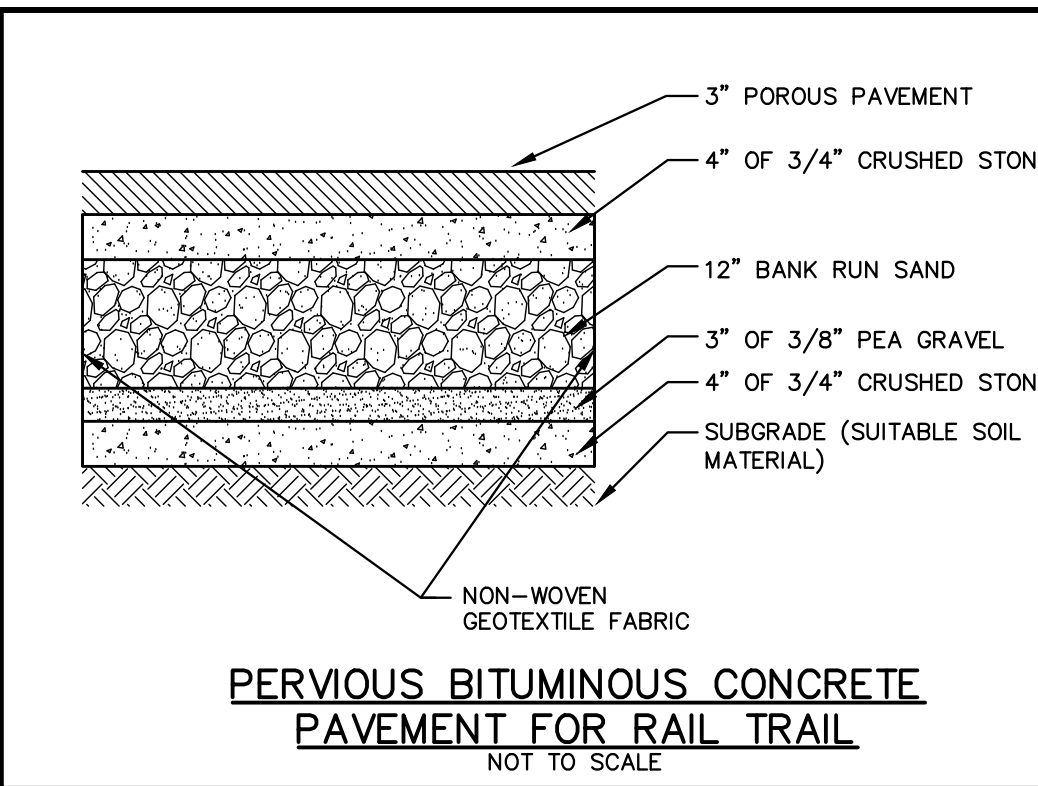
**PRECAST CONCRETE DRAIN MANHOLE**

NOT TO SCALE



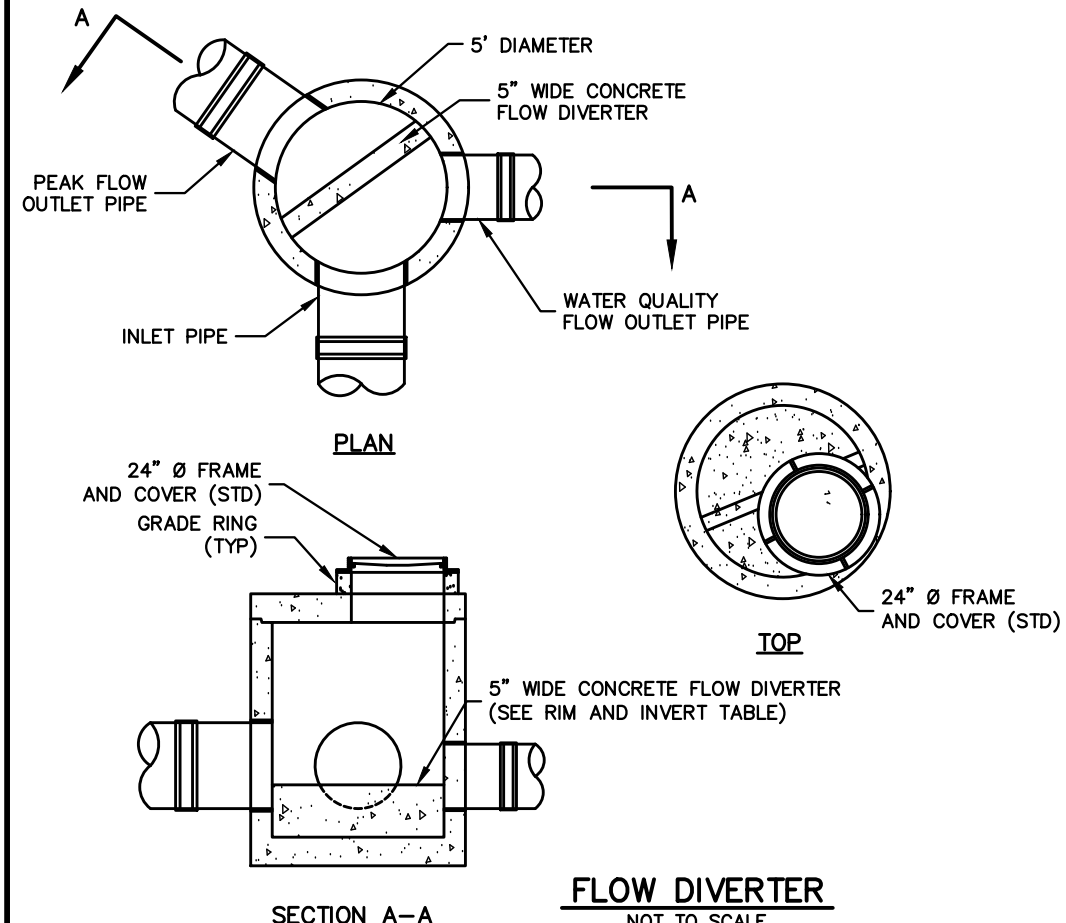
**PIPE TRENCH DAM**

NOT TO SCALE



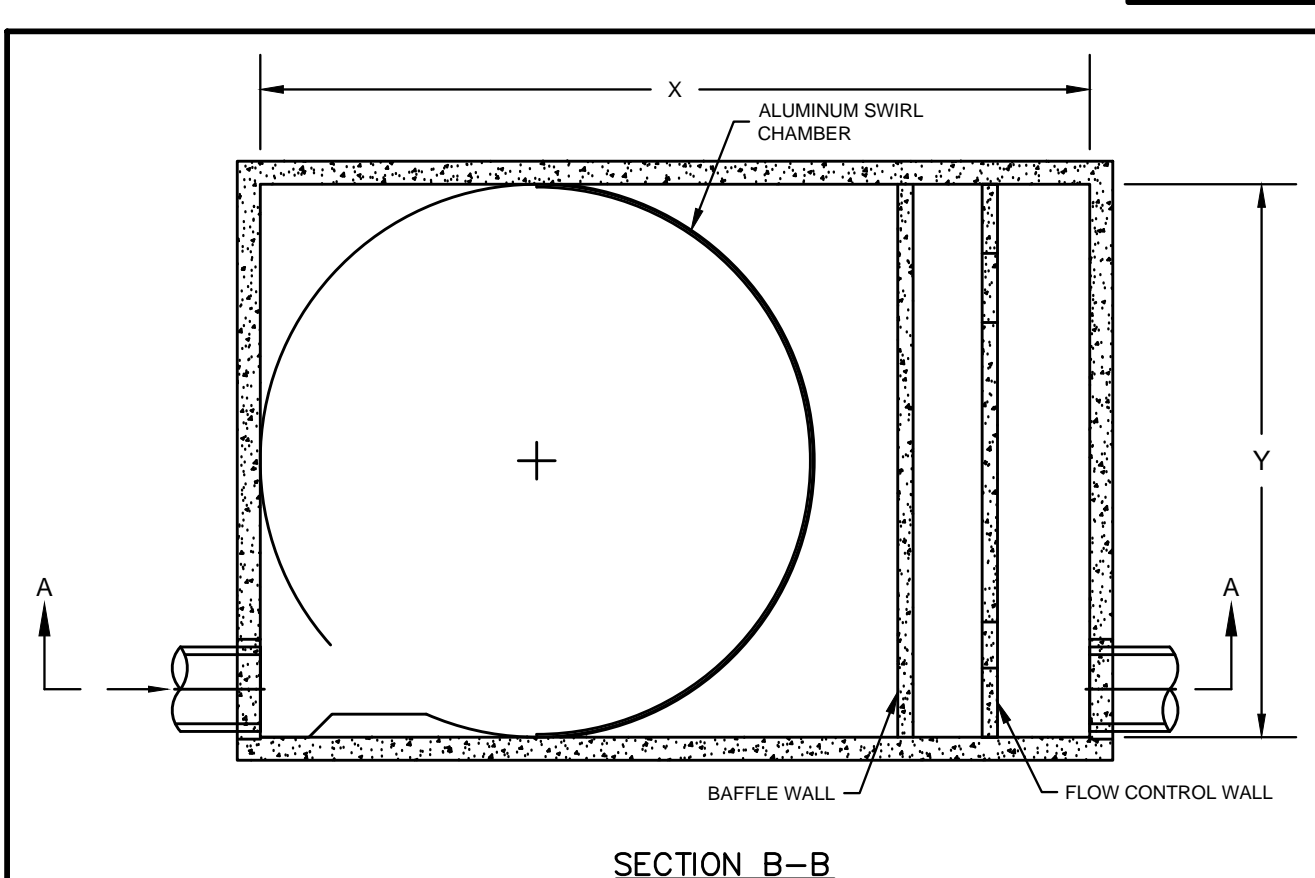
**PERVIOUS BITUMINOUS CONCRETE PAVEMENT FOR RAIL TRAIL**

NOT TO SCALE



**FLOW DIVERTER**

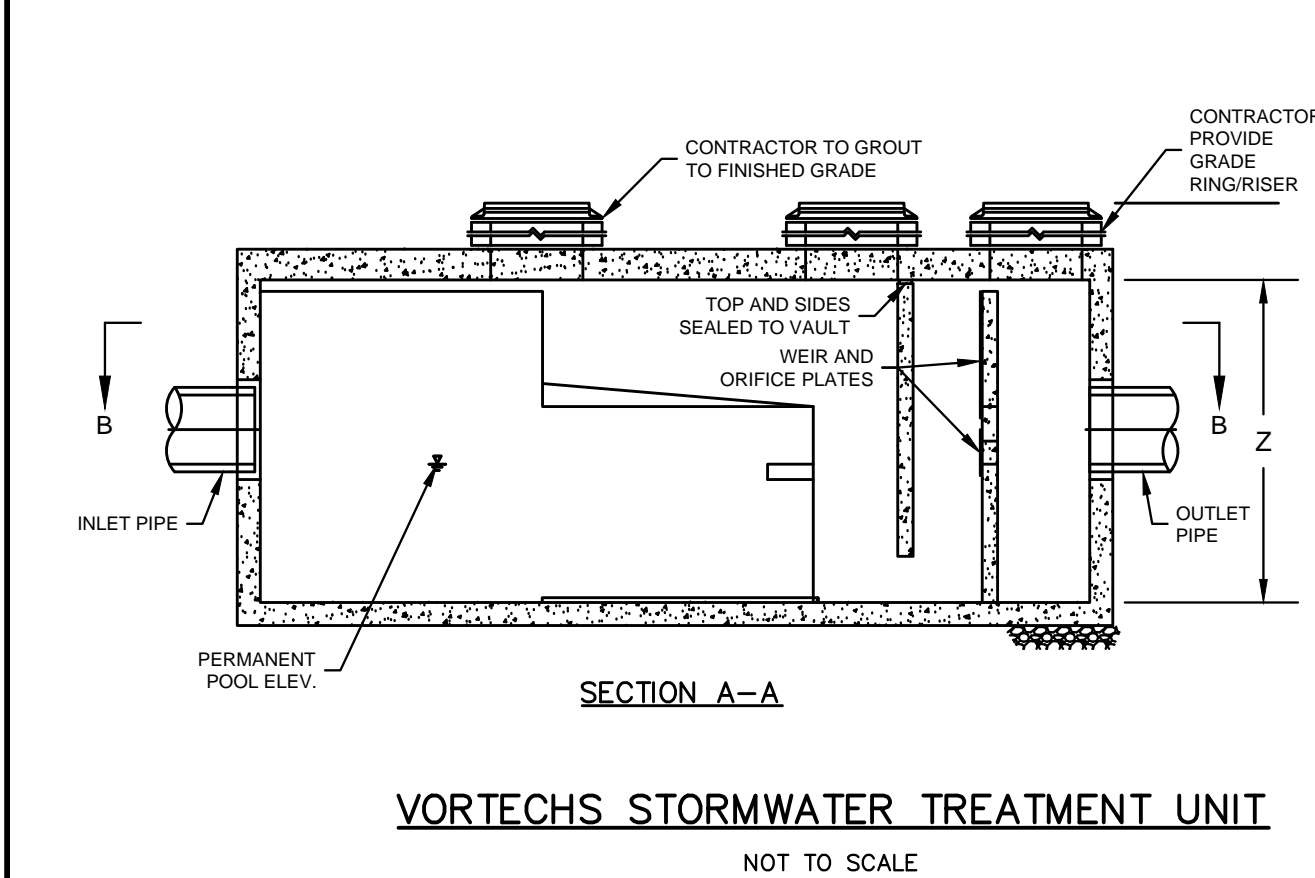
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**SECTION B-B**

**VORTECHS STORMWATER TREATMENT UNIT**

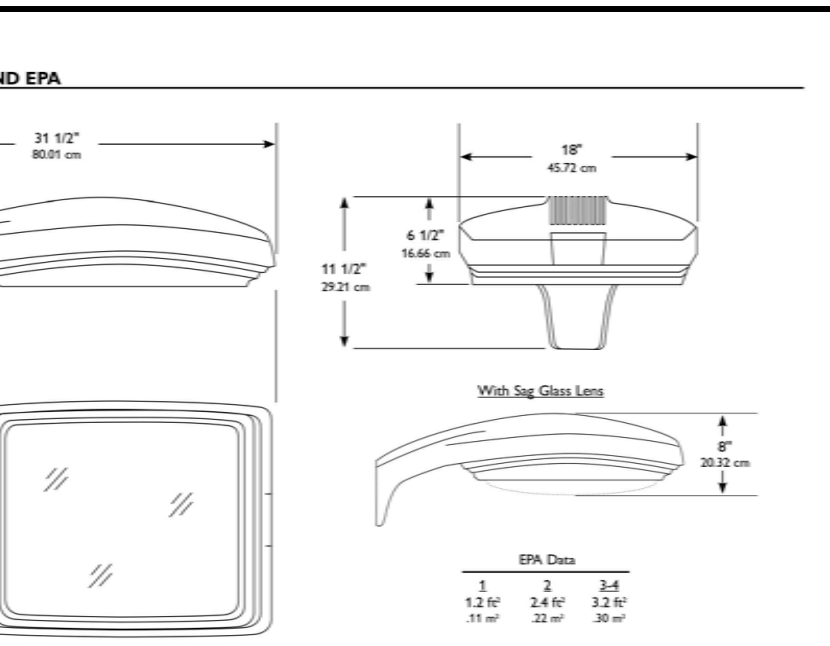
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**SECTION A-A**

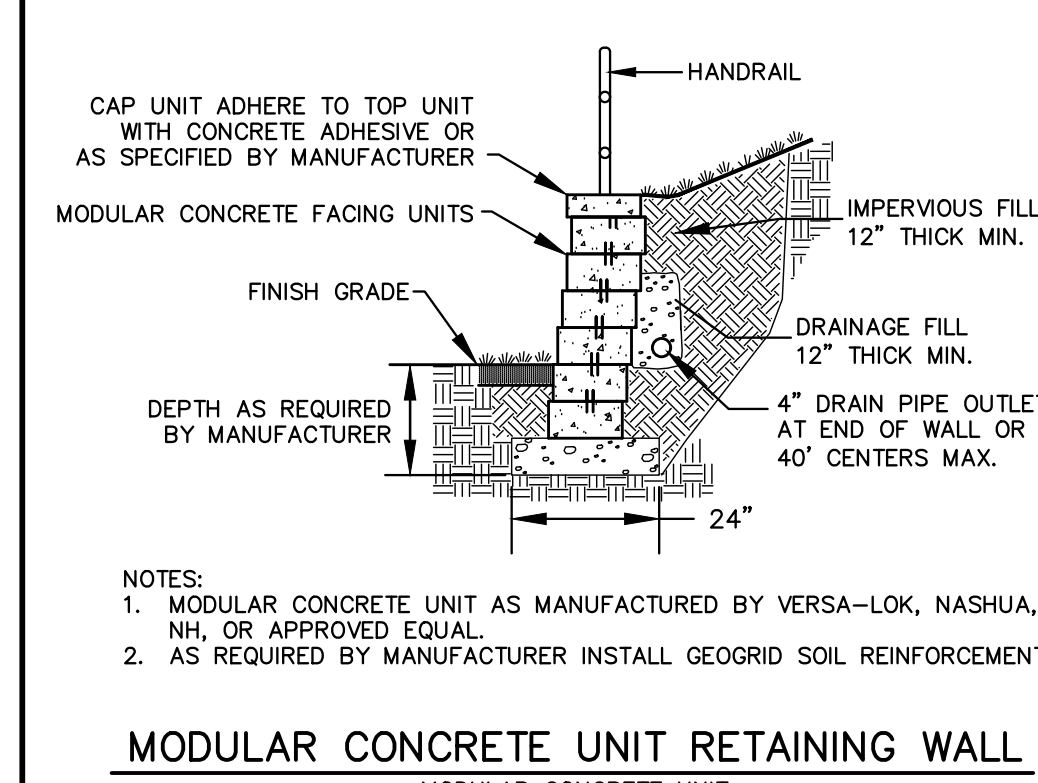
**VORTECHS STORMWATER TREATMENT UNIT**

NOT TO SCALE



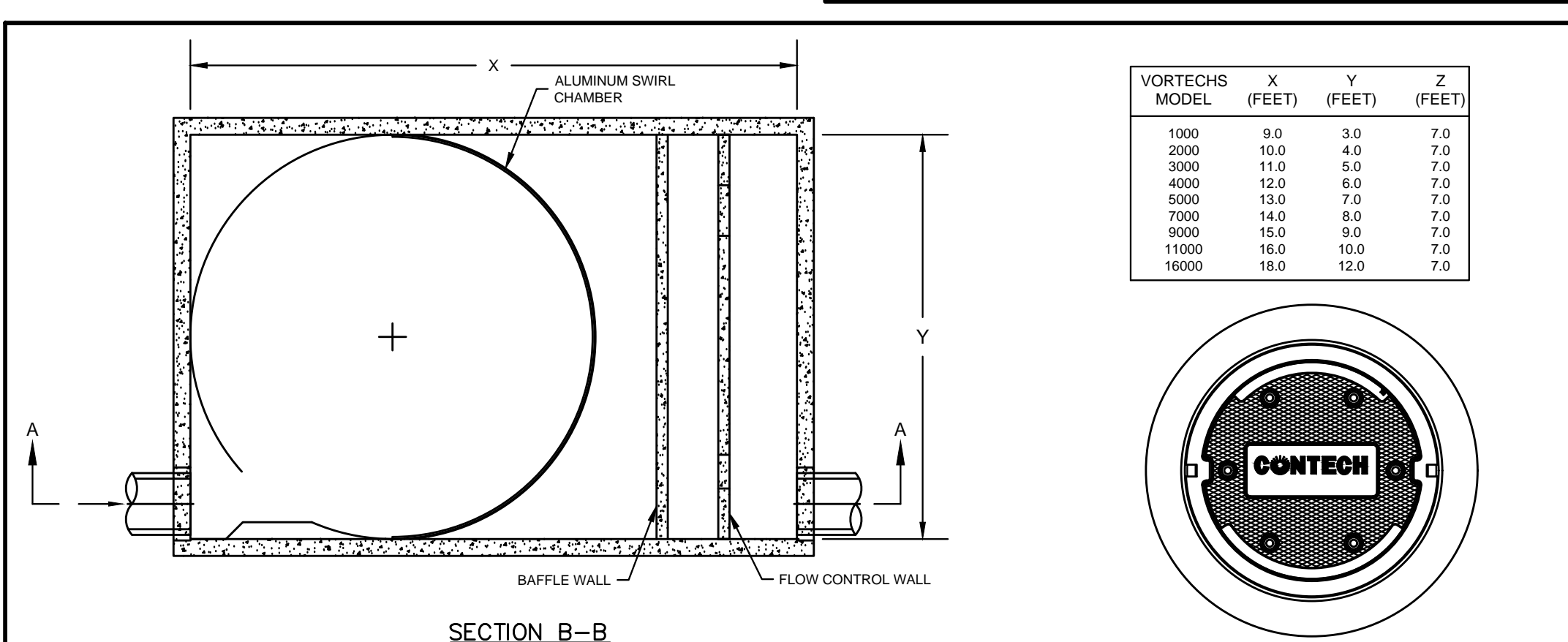
**DRIVEWAY LIGHTING DETAIL**

NOT TO SCALE



**MODULAR CONCRETE UNIT RETAINING WALL**

NOT TO SCALE



**FRAME AND COVER**

(DIAMETER VARIES) N.T.S.

**GENERAL NOTES:**  
 1. CONTECH TO PROVIDE ALL MATERIALS UNLESS NOTED OTHERWISE.  
 2. DIMENSIONS MARKED WITH ( ) ARE REFERENCE DIMENSIONS. ACTUAL DIMENSIONS MAY VARY.  
 3. FOR FABRICATION DRAWINGS WITH DETAILED STRUCTURE DIMENSIONS AND WEIGHT, PLEASE CONTACT YOUR CONTECH ENGINEERED SOLUTIONS LLC REPRESENTATIVE. www.contech.com  
 4. VORTECHS WATER QUALITY STRUCTURE SHALL BE IN ACCORDANCE WITH ALL DESIGN DATA AND INFORMATION CONTAINED IN THIS DRAWING.  
 5. STRUCTURE SHALL MEET AASHTO H209 AND CASTINGS SHALL MEET AASHTO M306 LOAD RATING, ASSUMING GROUNDWATER ELEVATION AT OR BELOW THE OUTLET PIPE INVERT ELEVATION. ENGINEER OF RECORD TO CONFIRM ACTUAL GROUNDWATER ELEVATION.  
 6. INLET PIPE(S) MUST BE PERPENDICULAR TO THE VAULT AND AT THE CORNER TO INTRODUCE THE FLOW TANGENTIALLY TO THE SWIRL CHAMBER. DUAL INLETS NOT TO HAVE OPPOSING TANGENTIAL FLOW DIRECTIONS.  
 7. OUTLET PIPE(S) MUST BE DOWN STREAM OF THE FLOW CONTROL BAFFLE AND MAY BE LOCATED ON THE SIDE OR END OF THE VAULT. THE FLOW CONTROL WALL MAY BE TURNED TO ACCOMMODATE OUTLET PIPE KNOCKOUTS ON THE SIDE OF THE VAULT.  
**INSTALLATION NOTES:**  
 A. ANY SUB-BASE, BACKFILL DEPTH, AND/OR ANTI-FLOTATION PROVISIONS ARE SITE-SPECIFIC DESIGN CONSIDERATIONS AND SHALL BE SPECIFIED BY ENGINEER OF RECORD.  
 B. CONTRACTOR TO PROVIDE EQUIPMENT WITH SUFFICIENT LIFTING AND REACH CAPACITY TO LIFT AND SET THE VORTECHS STRUCTURE (LIFTING CLUTCHES PROVIDED).  
 C. CONTRACTOR TO INSTALL JOINT SEALANT BETWEEN ALL STRUCTURE SECTIONS AND ASSEMBLE STRUCTURE.  
 D. CONTRACTOR TO PROVIDE, INSTALL, AND GROUT PIPES. MATCH PIPE INVERTS WITH ELEVATIONS SHOWN.  
 E. CONTRACTOR TO TAKE APPROPRIATE MEASURES TO ASSURE UNIT IS WATER TIGHT. HOLDING WATER TO FLOWLINE INVERT MINIMUM. IT IS SUGGESTED THAT ALL JOINTS BELOW PIPE INVERTS ARE GROUTED.

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FOR NOTES, REFERENCES AND LEGEND, SEE SHEET C7.3

PREPARED FOR:  
**BP WESTON QUARRY LLC**  
 PRUDENTIAL CENTER  
 800 BOYLSTON STREET  
 BOSTON, MASSACHUSETTS  
 02199-8001

**FOR PERMITTING ONLY**

LOCUS MAP:  

 SHEET C7.1 SHEET C7.2  
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PROJECT:  
**WESTON QUARRY**  
 WALTHAM AND WESTON MASSACHUSETTS (MIDDLESEX COUNTY)

SCALE: N.T.S. DATE: JUNE 29, 2017

**JONES ROAD ACCESS DRIVE AND SITE DETAILS**

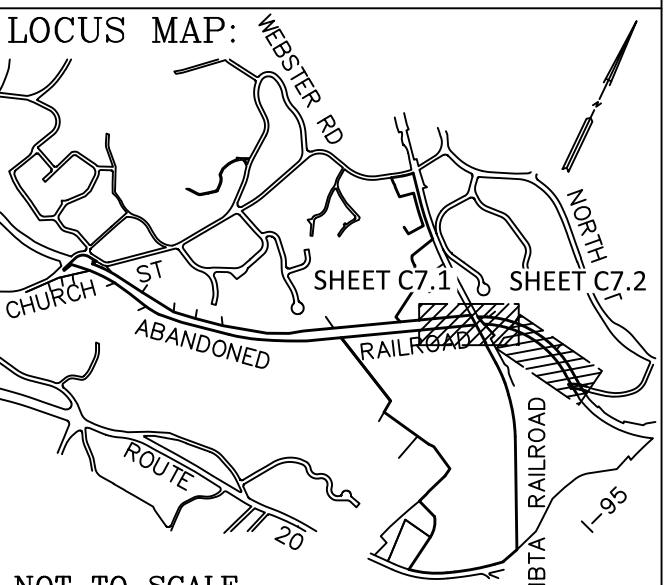
B+T JOB NO. 0193.51  
 B+T PLAN NO. 019351P106A-002  
**C7.4**

PREPARED FOR:

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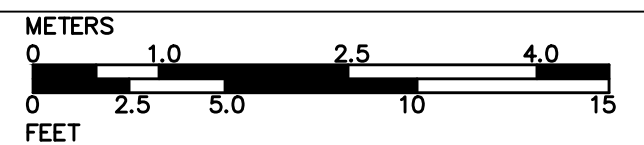
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PROJECT:

**WESTON QUARRY**  
WALTHAM AND WESTON  
MASSACHUSETTS  
(MIDDLESEX COUNTY)

SCALE: AS SHOWN DATE: JUNE 29, 2017



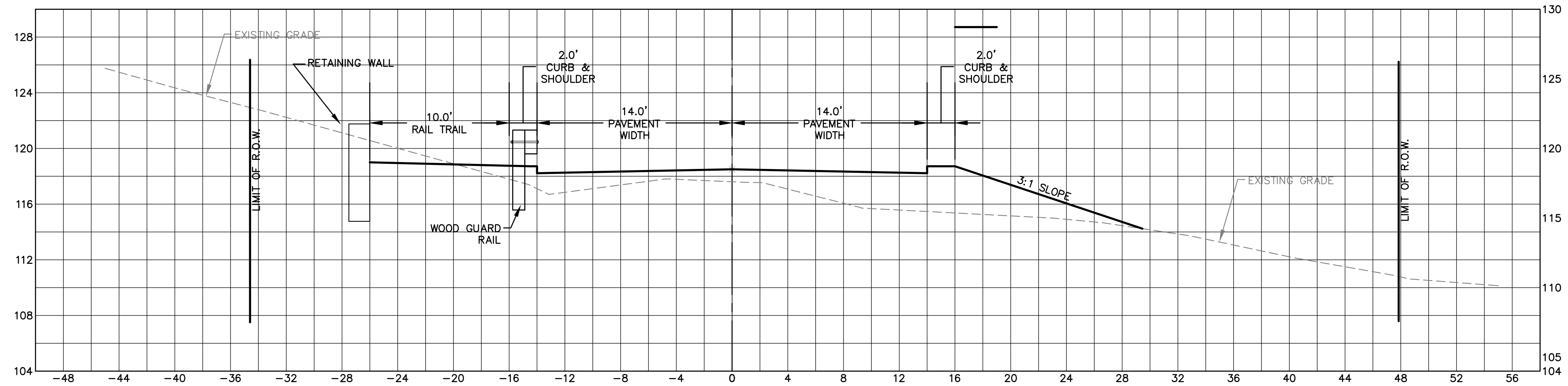
**JONES ROAD  
ACCESS DRIVE  
CROSS SECTIONS**

B+T JOB NO. 0193.51

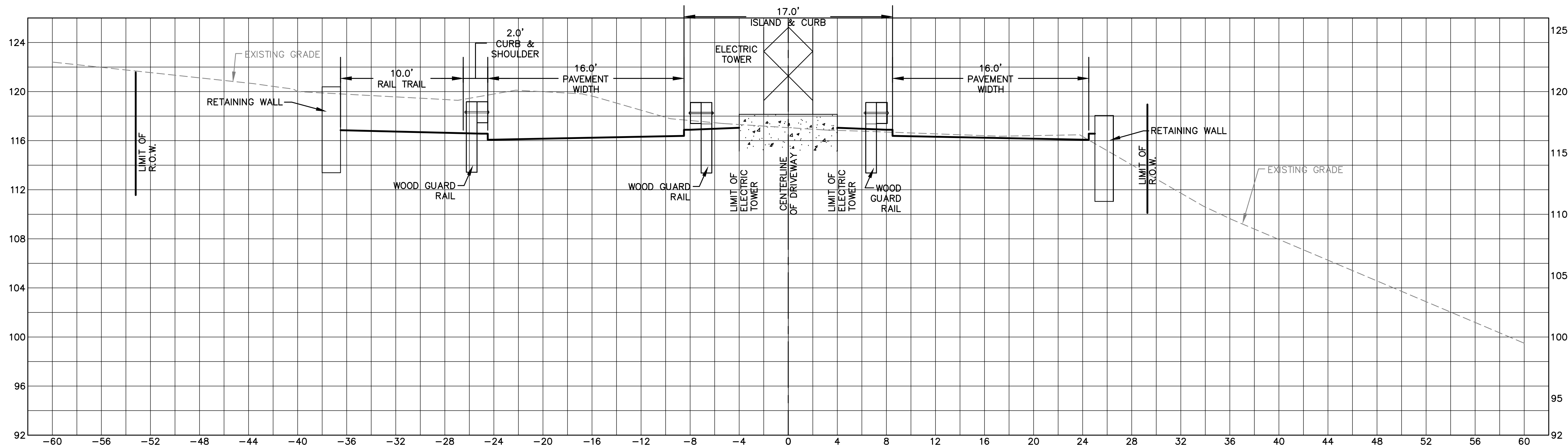
B+T PLAN NO.  
019351P106A-003

**C7.5**

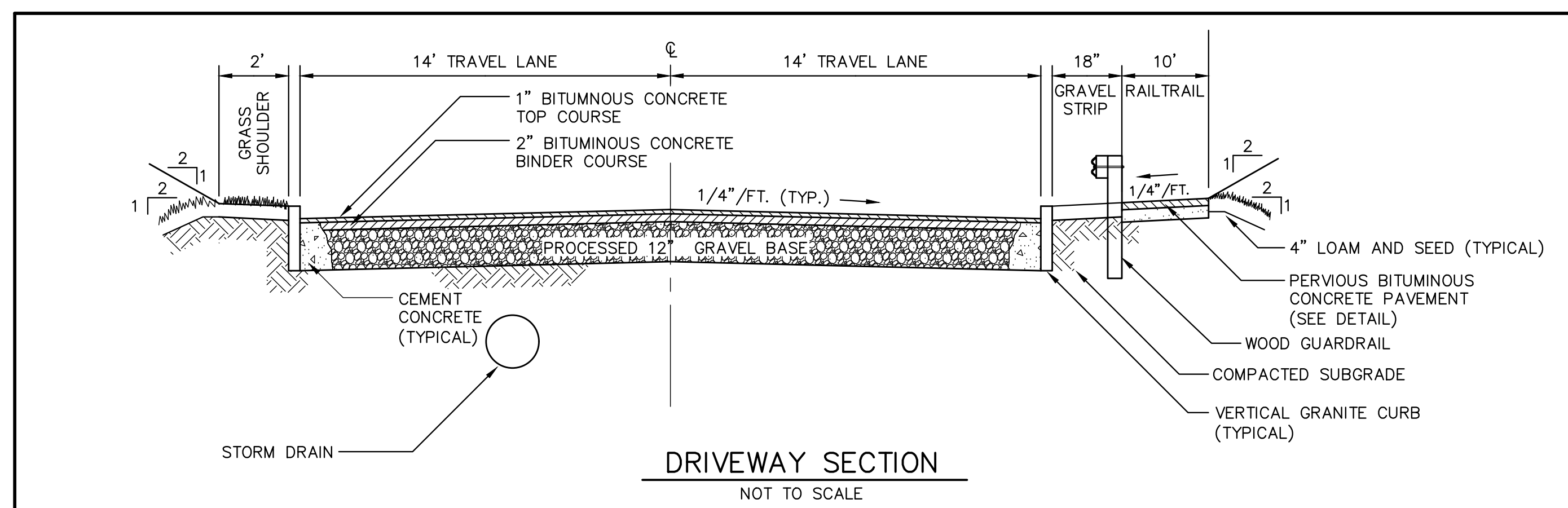
FOR NOTES, REFERENCES AND LEGEND, SEE SHEET C7.3



**SECTION A-A STA.= 8+50** SCALE: 1" = 5'



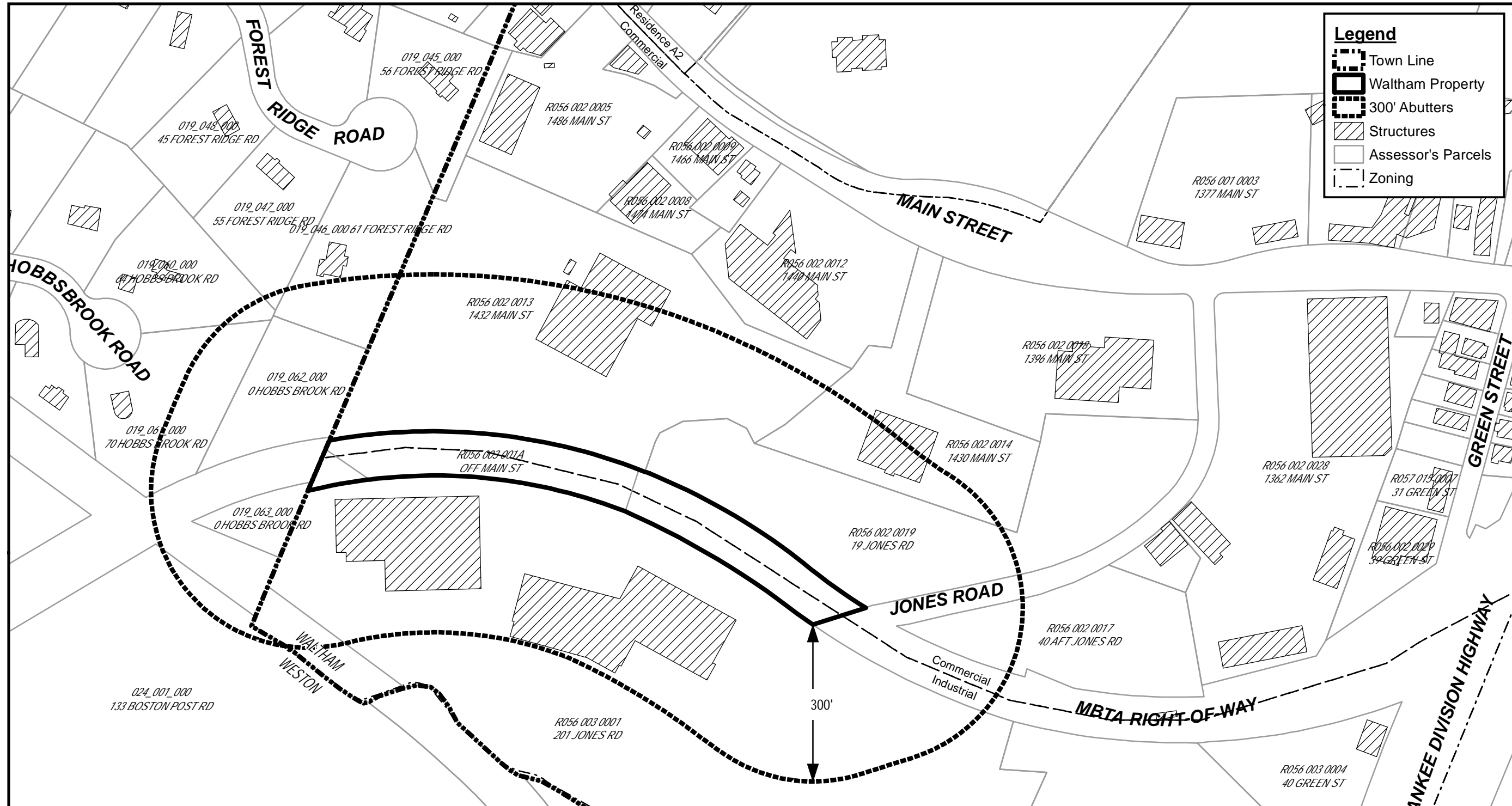
**SECTION B-B STA.= 15+61.22** SCALE: 1" = 5'



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ISSUE DATE	DESCRIPTION
06/28/2017	FOR PERMITTING

PROJECT:  
**WESTON QUARRY**  
 WALTHAM AND WESTON, MASSACHUSETTS  
 (MIDDLESEX COUNTY)

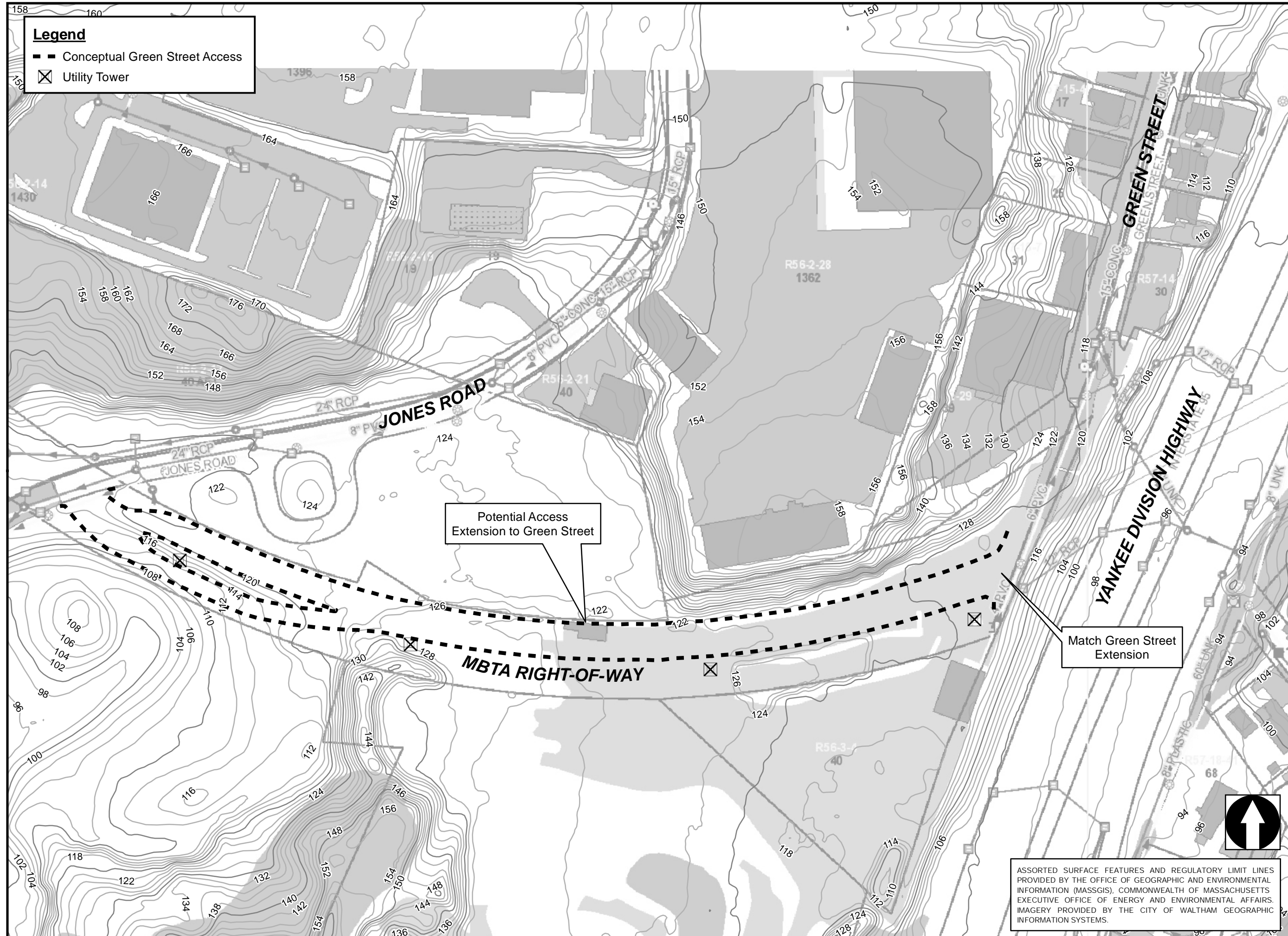
SCALE: 1" = 200' DATE: JUNE 28, 2017

**300-FOOT ABUTTERS EXHIBIT**

B+T JOB NO. 0193.51  
 B+T PLAN NO. 019351P102A

Abutter Parcel Legend			
Parcel ID	Parcel Address	Owner	Mailing Address
019_046_000	61 FOREST RIDGE RD	BANKER ETAL TRS, RAJNI	SIXTY ONE FOREST RIDGE RD RLTY TR 61 FOREST RIDGE RD WESTON MA 02493
019_047_000	55 FOREST RIDGE RD	MAGUIRE, ROBERT G	55 FOREST RIDGE RD WESTON MA 02493
019_060_000	64 HOBBS BROOK RD	MUCCINI, ALFRED E.	MUCCINI, GERALDINE E. 64 HOBBS BROOK RD WESTON MA 02493
019_061_000	70 HOBBS BROOK RD	MATHER, ELI S	BEIERLE, PHOEBE S 70 HOBBS BROOK RD WESTON MA 02493
019_062_000	0 HOBBS BROOK RD	WESTON FOREST & TRAIL	C/O GEORGE BATES 268 GLEN RD WESTON MA 02493
019_063_000	0 HOBBS BROOK RD	STONY BROOK	C/O BOSTON PROPERTIES 800 BOYLSTON ST, SUITE.1900 BOSTON MA 02199
024_001_000	133 BOSTON POST RD	BP WESTON QUARRY LLC	CARE OF BOSTON PROP PRUDENTIAL CENTER 800 BOYLSTON ST SUITE 1900 BOSTON MA 02199-8103
R056 002 0013	1432 MAIN ST	FD SPECIAL OPPORTUNITIES II-A	LLC. C/O TRANSWESTERN 534 KING ST LITTLETON MA 01480
R056 002 0014	1430 MAIN ST	JEWISH FAMILY & CHILDRENS	FOUNDATION, INC. 1430 MAIN ST. WALTHAM MA 02451
R056 002 0017	40 AFT JONES RD	STONY BROOK ASSOCIATES LLC.	C/O BOSTON PROPERTIES, INC. TAX DEPT 800 BOYLSTON ST.#1900 BOSTON MA 02199-8103
R056 002 0019	19 JONES RD	STONY BROOK ASSO. LLC.	C/O BOSTON PROPERTIES, INC. TAX DEPT 800 BOYLSTON ST.#1900 BOSTON MA 02199-8103
R056 003 0001	201 JONES RD	STONY BROOK ASSOCIATES LLC.	% BOSTON PROPERTIES, TAX DEPT 800 BOYLSTON ST.#1900 BOSTON MA 02199-8103
R056 003 001A	0 OFF MAIN ST	BOSTON EDISON CO.	C/O NSTAR ELECTRIC CO. PROPERTY TAX DEPT. P.O. BOX 270 HARTFORD CT 06141-0270

ASSORTED SURFACE FEATURES AND REGULATORY LIMIT LINES PROVIDED BY THE OFFICE OF GEOGRAPHIC AND ENVIRONMENTAL INFORMATION (MASSGIS), COMMONWEALTH OF MASSACHUSETTS EXECUTIVE OFFICE OF ENERGY AND ENVIRONMENTAL AFFAIRS. IMAGERY PROVIDED BY THE CITY OF WALTHAM GEOGRAPHIC INFORMATION SYSTEMS.



**Legend**

- Conceptual Green Street Access
- X Utility Tower

Potential Access Extension to Green Street

Match Green Street Extension



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PREPARED FOR:  
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ISSUE DATE	DESCRIPTION

PROJECT:  
**WESTON QUARRY**  
 WALTHAM AND WESTON, MASSACHUSETTS  
 (MIDDLESEX COUNTY)

SCALE: 1" = 100' DATE: JUNE 28, 2017

**GREEN STREET EXTENSION EXHIBIT**

B+T JOB NO. 0193.51  
 B+T PLAN NO. 019351P105A