

Site Plans

for

Smelt Brook Daylighting

Weymouth Landing, Weymouth, Massachusetts

Issued For: Notice of Intent
Date Issued: May 18, 2017
Latest Issue: July 26, 2017

SHEET INDEX

EBI Consulting Drawings

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Landscape Architecture Drawings

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L-1	Landscape Plan	6/26/2017
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Reference Drawings - Survey

SHEET NO.	SHEET TITLE	LATEST ISSUE
1	Existing Conditions Plan	6/29/2016
2	Existing Conditions Plan	6/29/2016

LOCUS MAP



PROPERTY INFORMATION

OWNERS

Angeliki Papadopoulos
107 Buchanan Road
Boston, MA 02132
Parcels 3006-0-7 & 8 (Braintree)

Landing Apartments LLC
625 Mt Auburn Street
Cambridge, MA 02138
Parcel 3006-0-12 (Braintree)

APPLICANT

Nicholas & George Delegas TRS
96 Ridge Street
Winchester, MA 01890
Parcel 3006-0-20 (Braintree)
Parcels 20-202-19 & 20 (Weymouth)

Town of Weymouth
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PROJECT TEAM

CIVIL/STRUCTURAL ENGINEER

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SURVEYOR

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Christopher M. Harbuzzi, P.E.

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SUBMITTALS

NO.	DATE	DESCRIPTION	BY
1	7/26/2017	AGENCY COMMENTS	JLS

DATE:
May 18, 2017

PROJECT NUMBER:
1616000008

PROJECT TITLE:

Smelt Brook Daylighting

Weymouth Landing
Weymouth, Massachusetts 02188
Norfolk County

ISSUED FOR:
Notice of Intent
(NOT FOR CONSTRUCTION)

SHEET TITLE:

Title Sheet

SCALE:
N.T.S.

DESIGNED BY:
JLS

CHECKED BY:
CMI

SHEET NO:

C-1

1 OF 10



Dig Safe Systems, Inc.
1-888-DIG-SAFE
(1-888-344-7233)

LEGEND

General		
	PROPERTY LINE	
	RIGHT-OF-WAY	
	INTERNAL LOT LINE	
	ABUTTING PROPERTY LINE	
	EASEMENT	
	BORDERING LAND SUBJECT TO FLOODING	
	200' RIVERFRONT AREA	
	100' RIVERFRONT AREA	
	100' WETLAND BUFFER ZONE	
	NO DISTURB ZONE	
	LIMIT OF DISTURBANCE	
	BORING LOCATION	BL 10 EL=98.5
	MONITORING WELL	MW 2 EL=100.5
	TEST PIT LOCATION	TP 5 EL=112.7
	MATCHLINE	

Erosion Control		
	EROSION CONTROL BARRIER	
	STRAW BALES	
	STABILIZED CONSTRUCTION EXIT	
	SILT SACK SEDIMENT TRAP	

Grading		
	MAJOR CONTOUR	10'
	MINOR CONTOUR	
	SPOT ELEVATION	100.5 TC 100.0 BC
	DETENTION BASIN	
	SWALE	
	BIORETENTION AREA	
	100-YEAR FLOOD ELEVATION	
	10-YEAR FLOOD ELEVATION	

	RIPRAP SLOPE	
--	--------------	--

Layout and Materials

	BUILDING	
	BUILDING ENTRANCE	
	LOADING DOCK	
	PARKING GARAGE	
	BUILDING SETBACK	
	BASELINE	
	LIMIT OF WORK	
	SAWCUT LINE	
	GRAVEL ROAD	
	EDGE OF PAVEMENT	
	VERTICAL GRANITE CURB	
	LIMIT OF CURB TYPE	
	CONCRETE SIDEWALK	
	PAVER SIDEWALK	
	LANDSCAPE BUFFER	
	PARKING SETBACK	
	TOTAL PARKING COUNT	50
	STANDARD STALL COUNT	20
	COMPACT STALL COUNT	C10
	ACCESSIBLE PARKING	
	VAN ACCESSIBLE PARKING	
	ACCESSIBLE CURB RAMP	
	CROSSWALK	
	PARKING BUMPER	
	DIRECTIONAL SIGN	
	BOLLARD	
	PEDESTRIAN LIGHT POLE	
	PARKING LOT LIGHT POLE	
	UTILITY POLE	
	GUY POLE	
	OVERHEAD WIRE	
	RETAINING WALL	
	STONE WALL	
	BARB WIRE FENCE	
	CHAIN LINK FENCE	
	CONSTRUCTION FENCE	
	STOCKADE FENCE	
	STEEL GUARDRAIL	
	WOOD GUARDRAIL	
	PATH	
	TREE LINE	

Drainage		
	DRAIN	
	ROOF DRAIN	
	UNDER DRAIN	
	SINGLE CATCH BASIN	
	DOUBLE CATCH BASIN	
	DRAIN MANHOLE	
	CLEANOUT	
	FLARED END SECTION	
	HEADWALL	
	RIPRAP OUTFALL	

Utilities		
	SEWER	
	FORCE MAIN	
	SEWER MANHOLE	
	PLUG OR CAP	
	WATER	
	DOMESTIC WATER	
	FIRE PROTECTION	
	CURB STOP AND BOX	
	FIRE HYDRANT	
	POST INDICATOR VALVE	
	REDUCER	
	SHUT-OFF VALVE	
	SIAMESE CONNECTION	
	TAPPING SLEEVE AND VALVE	
	WATER VALVE AND BOX	
	WATER METER	
	GAS	
	GAS GATE	
	GAS METER	
	UNDERGROUND ELECTRIC	
	ELECTRIC MANHOLE	
	ELECTRIC METER	
	TRANSFORMER PAD	
	UNDERGROUND TELEPHONE	
	TELEPHONE MANHOLE	
	CABLE TV	
	FIBER OPTICS	
	CONDUIT	
	HAND HOLE	
	PULL BOX	

ABBREVIATIONS

General		Utilities	
ACR	ACCESSIBLE CURB RAMP	ABAN	ABANDON
ADA	AMERICANS WITH DISABILITIES ACT	ADJ	ADJUST
APPROX	APPROXIMATE	CATV	CABLE TV
ARCH	ARCHITECTURAL	CIP	CAST IRON PIPE
BC	BOTTOM OF CURB	CMP	CORRUGATED METAL PIPE
BCB	BITUMINOUS CONCRETE BERM	CO	CLEANOUT
BCC	BITUMINOUS CONCRETE CURB	COND	CONDUIT
BIT	BITUMINOUS	CS	CURB STOP AND BOX
BLDG	BUILDING	DIA	DIAMETER
BLSF	BORDERING LAND SUBJECT TO FLOODING	DCB	DOUBLE CATCH BASIN
BOT	BOTTOM	DET	DETENTION
BS	BOTTOM OF SLOPE	DIP	DUCTILE IRON PIPE
BW	BOTTOM OF WALL	DMH	DRAIN MANHOLE
BWLL	BROKEN WHITE LANE LINE	DW	DOMESTIC WATER
CCB	CAPE COD BERM	EMH	ELECTRIC MANHOLE
CLF	CHAIN LINK FENCE	FA	FIRE ALARM
CONC	CONCRETE	FES	FLARED END SECTION
DPW	DEPARTMENT OF PUBLIC WORKS	FP	FIRE PROTECTION
DYCL	DOUBLE YELLOW CENTER LINE	FM	FORCE MAIN
ECC	EXTRUDED CONCRETE CURB	FO	FIBER OPTICS
ELEV	ELEVATION	F&C	FRAME AND COVER
EOP	EDGE OF PAVEMENT	F&G	FRAME AND GRATE
EX	EXISTING	GG	GAS GATE
EXIST	EXISTING	GI	GUTTER INLET
FDN	FOUNDATION	GM	GAS METER
FFE	FIRST FLOOR ELEVATION	GT	GREASE TRAP
GRAN	GRANITE	HDPE	HIGH DENSITY POLYETHYLENE PIPE
GTD	GRADE TO DRAIN	HH	HAND HOLE
HP	HIGH POINT	HW	HEADWALL
LA	LANDSCAPE AREA	HYD	HYDRANT
LOD	LIMIT OF DISTURBANCE	INF	INFILTRATION
LOW	LIMIT OF WORK	INV	INVERT ELEVATION
LP	LOW POINT	I=	INVERT ELEVATION
MAX	MAXIMUM	MES	METAL END SECTION
MCC	MONOLITHIC CONCRETE CURB	MW	MONITORING WELL
ME	MATCH EXISTING	OHW	OVERHEAD WIRE
MIN	MINIMUM	PB	PULL BOX
NDZ	NO DISTURB ZONE	PIV	POST INDICATOR VALVE
NIC	NOT IN CONTRACT	PVC	POLYVINYLCHLORIDE PIPE
NTS	NOT TO SCALE	RCP	REINFORCED CONCRETE PIPE
PCC	PRECAST CONCRETE CURB	RD	ROOF DRAIN
PL	PROPERTY LINE	R=	RIM ELEVATION
PROP	PROPOSED	SAS	SOIL ABSORPTION SYSTEM
R	RADIUS	SCB	SINGLE CATCH BASIN
RA	RIVERFRONT AREA	SLP	SITE LIGHT POLE
REM	REMOVE	SMH	SEWER MANHOLE
RET	RETAIN	SYS	SYSTEM
ROW	RIGHT-OF-WAY	TMH	TELEPHONE MANHOLE
R&D	REMOVE AND DISPOSE	TSV	TAPPING SLEEVE, VALVE, AND BOX
R&R	REMOVE AND RESET	UD	UNDERDRAIN
SGE	SLOPED GRANITE EDGING	UG	UNDERGROUND
SWEL	SOLID WHITE EDGE LINE	UP	UTILITY POLE
SWLL	SOLID WHITE LANE LINE	WM	WATER METER
TC	TOP OF CURB	WQI	WATER QUALITY INLET
TR	TRASH BAY	WQS	WATER QUALITY STRUCTURE
TS	TOP OF SLOPE	WV	WATER VALVE AND BOX
TW	TOP OF WALL		
TYP	TYPICAL		
VGC	VERTICAL GRANITE CURB		

GENERAL NOTES

General Information:

- CONTRACTOR SHALL NOTIFY "DIG-SAFE" (1-888-344-7233) AT LEAST 72 HOURS BEFORE EXCAVATING.
- CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SECURITY AND JOB SAFETY. CONSTRUCTION ACTIVITIES SHALL BE IN ACCORDANCE WITH OSHA STANDARDS AND LOCAL REQUIREMENTS.
- ACCESSIBLE ROUTES, PARKING SPACES, RAMPS, SIDEWALKS, AND WALKWAYS SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE FEDERAL AMERICANS WITH DISABILITIES ACT AND WITH STATE AND LOCAL LAWS AND REGULATIONS (WHICHEVER ARE MORE STRINGENT).
- AREAS DISTURBED DURING CONSTRUCTION AND NOT RESTORED WITH IMPERVIOUS SURFACES (BUILDINGS, PAVEMENTS, WALKS, ETC.) SHALL RECEIVE 6 INCHES LOAM AND SEED.
- WITHIN THE LIMITS OF THE BUILDING FOOTPRINT, THE SITE CONTRACTOR SHALL PERFORM EARTHWORK OPERATIONS REQUIRED TO SUBGRADE ELEVATIONS.
- WORK WITHIN THE LOCAL RIGHTS-OF-WAY SHALL CONFORM TO LOCAL MUNICIPAL STANDARDS. WORK WITHIN STATE RIGHTS-OF-WAY SHALL CONFORM TO THE LATEST EDITION OF THE STATE HIGHWAY DEPARTMENTS STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES.
- UPON AWARD OF CONTRACT, CONTRACTOR SHALL MAKE NECESSARY CONSTRUCTION NOTIFICATIONS AND APPLY FOR AND OBTAIN NECESSARY PERMITS, PAY FEES, AND POST BONDS ASSOCIATED WITH THE WORK INDICATED ON THE DRAWINGS, IN THE SPECIFICATIONS, AND IN THE CONTRACT DOCUMENTS. DO NOT CLOSE OR OBSTRUCT ROADWAYS, SIDEWALKS, AND FIRE HYDRANTS, WITHOUT APPROPRIATE PERMITS.
- TRAFFIC SIGNAGE AND PAVEMENT MARKINGS SHALL CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.).
- AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
- IN THE EVENT THAT SUSPECTED CONTAMINATED SOIL, GROUNDWATER, AND OTHER MEDIA ARE ENCOUNTERED DURING EXCAVATION AND CONSTRUCTION ACTIVITIES BASED ON VISUAL, OLFACTORY, OR OTHER EVIDENCE, THE CONTRACTOR SHALL STOP WORK IN THE VICINITY OF THE SUSPECT MATERIAL TO AVOID FURTHER SPREADING OF THE MATERIAL, AND SHALL NOTIFY THE OWNER IMMEDIATELY SO THAT THE APPROPRIATE TESTING AND SUBSEQUENT ACTION CAN BE TAKEN.
- CONTRACTOR SHALL PREVENT DUST, SEDIMENT, AND DEBRIS FROM EXITING THE SITE AND SHALL BE RESPONSIBLE FOR CLEANUP, REPAIRS, AND CORRECTIVE ACTION IF SUCH OCCURS.
- DAMAGE RESULTING FROM CONSTRUCTION LOADS SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- CONTRACTOR SHALL CONTROL STORMWATER RUNOFF DURING CONSTRUCTION TO PREVENT ADVERSE IMPACTS TO OFF SITE AREAS, AND SHALL BE RESPONSIBLE TO REPAIR RESULTING DAMAGES, IF ANY, AT NO COST TO OWNER.

Existing Conditions:

- THE EXISTING CONDITIONS SHOWN ARE BASED ON THE EXISTING CONDITIONS PLAN PREPARED BY KELLY ENGINEERING GROUP, INC. DATED JUNE 29, 2016.
- THE LOCATION OF ALL UNDERGROUND UTILITIES SHOWN HEREON ARE APPROXIMATE AND ARE BASED ON THE FIELD LOCATION OF ALL VISIBLE STRUCTURES SUCH AS CATCH BASINS, MANHOLES, WATER GATES, ETC. AND COMPILED FROM PLANS SUPPLIED BY VARIOUS UTILITY COMPANIES AND GOVERNMENT AGENCIES.
- ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88). TOWN OF WEYMOUTH DATUM IS 6.63 FEET BELOW NAVD 88 DATUM.

Erosion Control:

- PRIOR TO STARTING ANY OTHER WORK ON THE SITE, THE CONTRACTOR SHALL NOTIFY APPROPRIATE AGENCIES AND SHALL INSTALL EROSION CONTROL MEASURES AS SHOWN ON THE PLANS AND AS IDENTIFIED IN FEDERAL, STATE, AND LOCAL APPROVAL DOCUMENTS PERTAINING TO THIS PROJECT.
- CONTRACTOR SHALL INSPECT AND MAINTAIN EROSION CONTROL MEASURES, AND REMOVE SEDIMENT THEREFROM ON A WEEKLY BASIS AND WITHIN TWELVE HOURS AFTER EACH STORM EVENT AND DISPOSE OF SEDIMENTS IN AN UPLAND AREA SUCH THAT THEY DO NOT ENCUMBER OTHER DRAINAGE STRUCTURES AND PROTECTED AREAS.
- CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CONTROL CONSTRUCTION SUCH THAT SEDIMENTATION SHALL NOT AFFECT REGULATORY PROTECTED AREAS, WHETHER SUCH SEDIMENTATION IS CAUSED BY WATER, WIND, OR DIRECT DEPOSIT.
- CONTRACTOR SHALL PERFORM CONSTRUCTION SEQUENCING SUCH THAT EARTH MATERIALS ARE EXPOSED FOR A MINIMUM OF TIME BEFORE THEY ARE COVERED, SEEDED, OR OTHERWISE STABILIZED TO PREVENT EROSION.
- UPON COMPLETION OF CONSTRUCTION AND ESTABLISHMENT OF PERMANENT GROUND COVER, CONTRACTOR SHALL REMOVE AND DISPOSE OF EROSION CONTROL MEASURES AND CLEAN SEDIMENT AND DEBRIS FROM ENTIRE DRAINAGE AND SEWER SYSTEMS.

Demolition:

- CONTRACTOR SHALL REMOVE AND DISPOSE OF EXISTING MANMADE SURFACE FEATURES WITHIN THE LIMIT OF WORK INCLUDING BUILDINGS, STRUCTURES, PAVEMENTS, SLABS, CURBING, FENCES, UTILITY POLES, SIGNS ETC. UNLESS INDICATED OTHERWISE ON THE DRAWINGS, REMOVE AND DISPOSE OF EXISTING UTILITIES, FOUNDATIONS AND UNSUITABLE MATERIAL BENEATH AND FOR A DISTANCE OF 10 FEET BEYOND THE PROPOSED BUILDING FOOTPRINT INCLUDING EXTERIOR COLUMNS.
- EXISTING UTILITIES SHALL BE TERMINATED, UNLESS OTHERWISE NOTED, IN CONFORMANCE WITH LOCAL, STATE, AND INDIVIDUAL UTILITY COMPANY STANDARD SPECIFICATIONS AND DETAILS. THE CONTRACTOR SHALL COORDINATE UTILITY SERVICE DISCONNECTS WITH THE UTILITY REPRESENTATIVES.
- CONTRACTOR SHALL DISPOSE OF DEMOLITION DEBRIS IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS, ORDINANCES AND STATUTES.

Layout and Materials:

- DIMENSIONS ARE FROM THE FACE OF CURB, FACE OF BUILDING, FACE OF WALL, AND CENTER LINE OF PAVEMENT MARKINGS, UNLESS OTHERWISE NOTED.
- CURBING SHALL BE PRECAST CONCRETE CURB (PCC) AND CURB RADII SHALL BE THREE FEET (3') WITHIN THE SITE, UNLESS OTHERWISE INDICATED ON THE SITE PLANS.
- SEE ARCHITECTURAL DRAWINGS FOR EXACT BUILDING DIMENSIONS AND DETAILS CONTIGUOUS TO THE BUILDING, INCLUDING SIDEWALKS, RAMPS, BUILDING ENTRANCES, STAIRWAYS, UTILITY PENETRATIONS, CONCRETE DOOR PADS, COMPACTOR PAD, LOADING DOCKS, BOLLARDS, ETC.
- PROPOSED BOUNDS AND ANY EXISTING PROPERTY LINE MONUMENTATION DISTURBED DURING CONSTRUCTION SHALL BE SET OR RESET BY A PROFESSIONAL LICENSED SURVEYOR.
- SYMBOLS AND LEGENDS OF PROJECT FEATURES ARE GRAPHIC REPRESENTATIONS AND ARE NOT NECESSARILY SCALED TO THEIR ACTUAL DIMENSIONS OR LOCATIONS ON THE DRAWINGS. THE CONTRACTOR SHALL REFER TO THE DETAIL SHEET DIMENSIONS, MANUFACTURER'S LITERATURE, SHOP DRAWINGS AND FIELD MEASUREMENTS OF SUPPLIED PRODUCTS FOR LAYOUT OF THE PROJECT FEATURES.
- CONTRACTOR SHALL NOT RELY SOLELY ON ELECTRONIC VERSIONS OF PLANS, SPECIFICATIONS, AND DATA FILES THAT ARE OBTAINED FROM THE DESIGNERS, BUT SHALL VERIFY LOCATION OF PROJECT FEATURES IN ACCORDANCE WITH THE PAPER COPIES OF THE PLANS AND SPECIFICATIONS THAT ARE SUPPLIED AS PART OF THE CONTRACT DOCUMENTS.

Utilities:

- THE LOCATIONS, SIZES, AND TYPES OF EXISTING UTILITIES ARE SHOWN AS AN APPROXIMATE REPRESENTATION ONLY. THE OWNER OR ITS REPRESENTATIVES HAVE NOT INDEPENDENTLY VERIFIED THIS INFORMATION AS SHOWN ON THE PLANS. THE UTILITY INFORMATION SHOWN DOES NOT GUARANTEE THE ACTUAL EXISTENCE, SERVICEABILITY, OR OTHER DATA CONCERNING THE UTILITIES, NOR DOES IT GUARANTEE AGAINST THE POSSIBILITY THAT ADDITIONAL UTILITIES MAY BE PRESENT THAT ARE NOT SHOWN ON THE PLANS. PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY AND DETERMINE THE EXACT LOCATIONS, SIZES, AND ELEVATIONS OF THE POINTS OF ALL CONNECTIONS TO EXISTING UTILITIES AND, SHALL CONFIRM THAT THERE ARE NO INTERFERENCES WITH EXISTING UTILITIES AND THE PROPOSED UTILITY ROUTES, INCLUDING ROUTES WITHIN THE PUBLIC RIGHTS OF WAY.
- WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, OR EXISTING CONDITIONS DIFFER FORM THOSE SHOWN SUCH THAT THE WORK CANNOT BE COMPLETED AS INTENDED, THE LOCATION, ELEVATION, AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION FURNISHED IN WRITING TO THE OWNER'S REPRESENTATIVE FOR THE RESOLUTION OF THE CONFLICT AND CONTRACTOR'S FAILURE TO NOTIFY PRIOR TO PERFORMING ADDITIONAL WORK RELEASES OWNER FROM OBLIGATIONS FOR ADDITIONAL PAYMENTS WHICH OTHERWISE MAY BE WARRANTED TO RESOLVE THE CONFLICT.
- CONTRACTOR SHALL MAKE ARRANGEMENTS FOR AND SHALL BE RESPONSIBLE FOR PAYING FEES FOR POLE RELOCATION AND FOR THE ALTERATION AND ADJUSTMENT OF GAS, ELECTRIC, TELEPHONE, FIRE ALARM, AND ANY OTHER PRIVATE UTILITIES, WHETHER WORK IS PERFORMED BY CONTRACTOR OR BY UTILITIES COMPANY.
- UTILITY PIPE MATERIALS SHALL BE AS FOLLOWS, UNLESS OTHERWISE NOTED ON THE PLAN:
 - STORM DRAINAGE PIPES SHALL BE HIGH DENSITY POLYETHYLENE (HDPE)
 - SANITARY SEWER PIPES SHALL BE POLYVINYL CHLORIDE (PVC), SDR 35 SEWER PIPE
 - WATER PIPES SHALL BE CEMENT LINED DUCTILE IRON, CLASS 52



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1616000008

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Weymouth, Massachusetts 02188
Norfolk County

ISSUED FOR:

Notice of Intent
(NOT FOR CONSTRUCTION)

SHEET TITLE:

Legend & General Notes

SCALE:

N.T.S.

DESIGNED BY:

JLS

CHECKED BY:

CMI

SHEET NO:

C-2



- NOTES
1. LANDING 53 PROJECT IN BRAintree IS CURRENTLY UNDER CONSTRUCTION AND IS DEPICTED AS THE EXISTING CONDITIONS FOR THE PURPOSE OF THESE PLANS. IMPROVEMENTS ARE SHOWN BASED ON PLANS ENTITLED "LANDING APARTMENTS, COMMERCIAL STREET, BRAintree, MA", DATED APRIL 17, 2015 AND LAST REVISED MARCH 8, 2016, PREPARED BY KELLY ENGINEERING GROUP, INC.
 2. PROPOSED BROOKPOINT DEVELOPMENT IS DEPICTED BASED ON PLANS ENTITLED "BROOKPOINT MIXED-USED DEVELOPMENT", DATED JANUARY 25, 2017, PREPARED BY SITEC ENVIRONMENTAL. THIS PROJECT IS CURRENTLY UNDERGOING LOCAL PERMITTING REVIEW AND MAY BE SUBJECT TO CHANGE. FINAL DESIGN IS TO BE COORDINATED WITH THE SMELT BROOK DAYLIGHTING PROJECT.

EBI Consulting
environmental | engineering | due diligence

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Weymouth Landing
Weymouth, Massachusetts 02188
Norfolk County

ISSUED FOR:
Notice of Intent
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SHEET TITLE:
Overall Site Plan

SCALE: 1" = 30'

DESIGNED BY: JLS

CHECKED BY: CMI

SHEET NO: **C-3**

3 OF 10



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Weymouth, Massachusetts 02188
Norfolk County

ISSUED FOR:
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SHEET TITLE:

**Demolition and Erosion
Control Plan**

SCALE:
1" = 10'

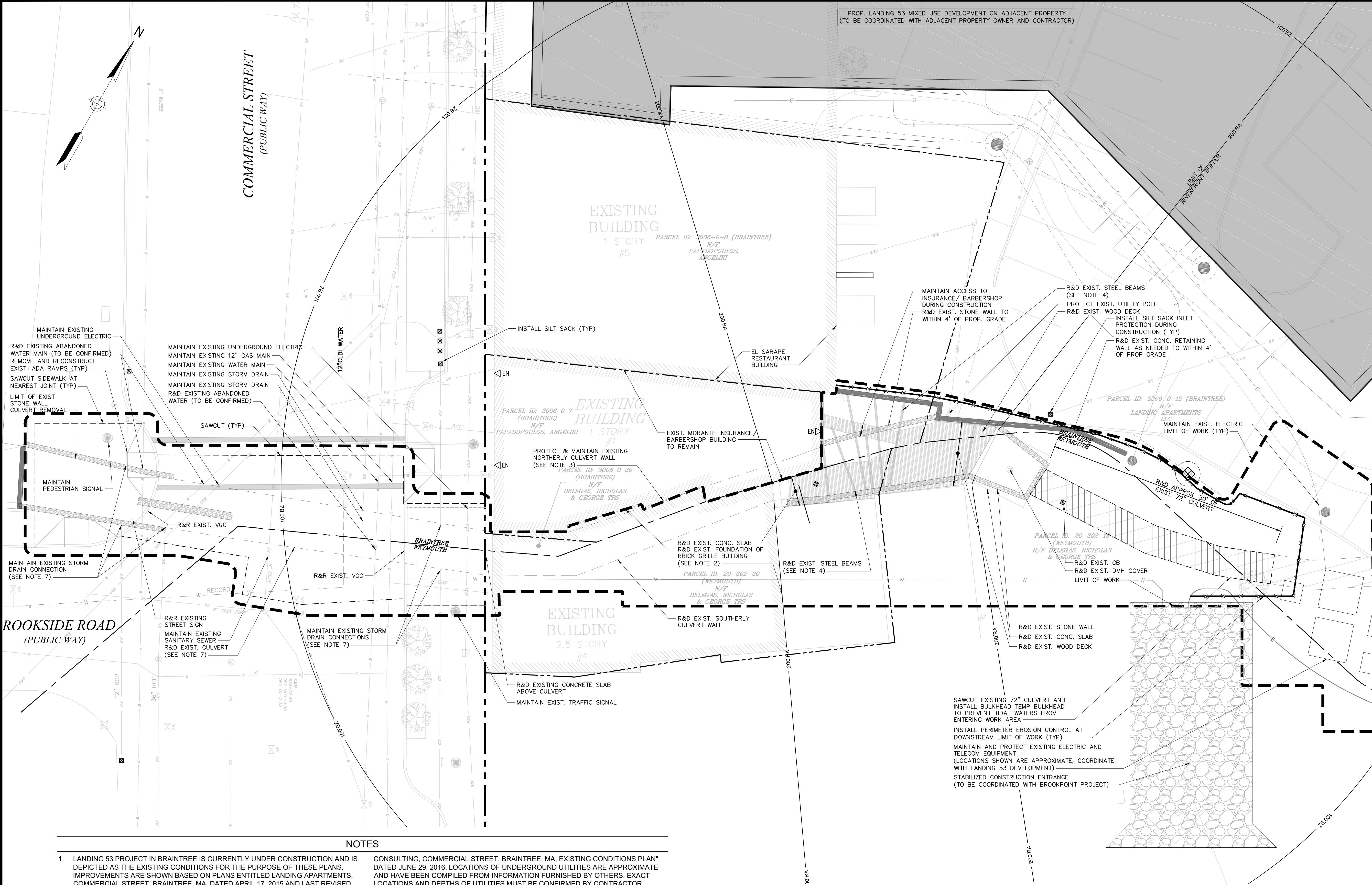
DESIGNED BY:
JLS

CHECKED BY:
CMI

SHEET NO:

C-4

4 OF 10



NOTES

1. LANDING 53 PROJECT IN BRAINTREE IS CURRENTLY UNDER CONSTRUCTION AND IS DEPICTED AS THE EXISTING CONDITIONS FOR THE PURPOSE OF THESE PLANS. IMPROVEMENTS ARE SHOWN BASED ON PLANS ENTITLED LANDING APARTMENTS, COMMERCIAL STREET, BRAINTREE, MA, DATED APRIL 17, 2015 AND LAST REVISED MARCH 8, 2016, PREPARED BY KELLY ENGINEERING GROUP, INC.

2. UPPER FLOORS OF THE BRICK GRILLE BUILDING WERE DEMOLISHED IN FEBRUARY 2012. FOUNDATION AND GROUND LEVEL TIMBER FLOORING REMAINS. REMAINDER OF DEMOLITION TO BE COORDINATED WITH PRIVATE DEVELOPER OF BROOKPOINT PROJECT.

3. EXISTING NORTHERLY WALL OF SMELT BROOK CULVERT ACTS AS FOUNDATION WALL FOR PROPOSED INSURANCE/ BARBERSHOP BUILDING. IT SHALL BE PROTECTED DURING CONSTRUCTION AND MAINTAINED.

4. EXISTING STEEL BEAMS SPANNING SMELT BROOK BENEATH PORTION OF THE INSURANCE/ BARBERSHOP BUILDING SHALL NOT BE REMOVED UNTIL BACKFILL IS PLACED BENEATH BUILDING.

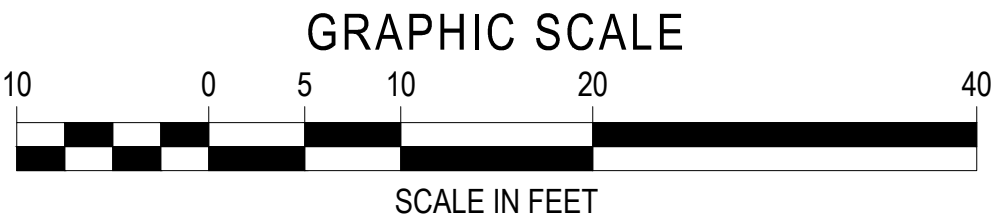
5. ALL EXISTING UTILITY INFORMATION WAS OBTAINED FROM AN EXISTING CONDITIONS SURVEY BY KELLY ENGINEERING GROUP, INC. PLAN IS ENTITLED "EBI
- CONSULTING, COMMERCIAL STREET, BRAINTREE, MA. EXISTING CONDITIONS PLAN" DATED JUNE 29, 2016. LOCATIONS OF UNDERGROUND UTILITIES ARE APPROXIMATE AND HAVE BEEN COMPILED FROM INFORMATION FURNISHED BY OTHERS. EXACT LOCATIONS AND DEPTHS OF UTILITIES MUST BE CONFIRMED BY CONTRACTOR PRIOR TO CONSTRUCTION.

ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88). TOWN OF WEYMOUTH DATUM IS 6.63 FEET BELOW NAVD 88 DATUM.

STORM DRAIN INLETS TO BE DIVERTED FROM ENTERING THE CULVERT THROUGHOUT THE DURATION OF CONSTRUCTION AND RECONNECTED TO THE NEW CULVERT UPON COMPLETION.

PEDESTRIAN AND VEHICULAR TRAFFIC IN COMMERCIAL STREET TO BE MAINTAINED FOR DURATION OF CONSTRUCTION. CONSTRUCTION AND TRAFFIC MANAGEMENT PLAN TO BE DEVELOPED AND PROVIDED TO TOWNS OF WEYMOUTH AND BRAINTREE PRIOR TO CONSTRUCTION.

EROSION CONTROL AND CONSTRUCTION SEQUENCING TO BE COORDINATED WITH BROOKPOINT DEVELOPMENT, PROPOSED IMMEDIATELY ADJACENT TO PROJECT.





Christopher M. Harbuzzi, P.E.

PREPARED FOR:
Town of Weymouth

75 Middle Street
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Tel: (781) 335-2000
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SUBMITTALS

NO.	DATE	DESCRIPTION	BY
1	7/26/2017	AGENCY COMMENTS	JLS

DATE:
May 18, 2017

PROJECT NUMBER:
1616000008

PROJECT TITLE:
Smelt Brook Daylighting

Weymouth Landing
Weymouth, Massachusetts 02188
Norfolk County

ISSUED FOR:
Notice of Intent
(NOT FOR CONSTRUCTION)

SHEET TITLE:

Layout & Materials Plan

SCALE:
1" = 10'

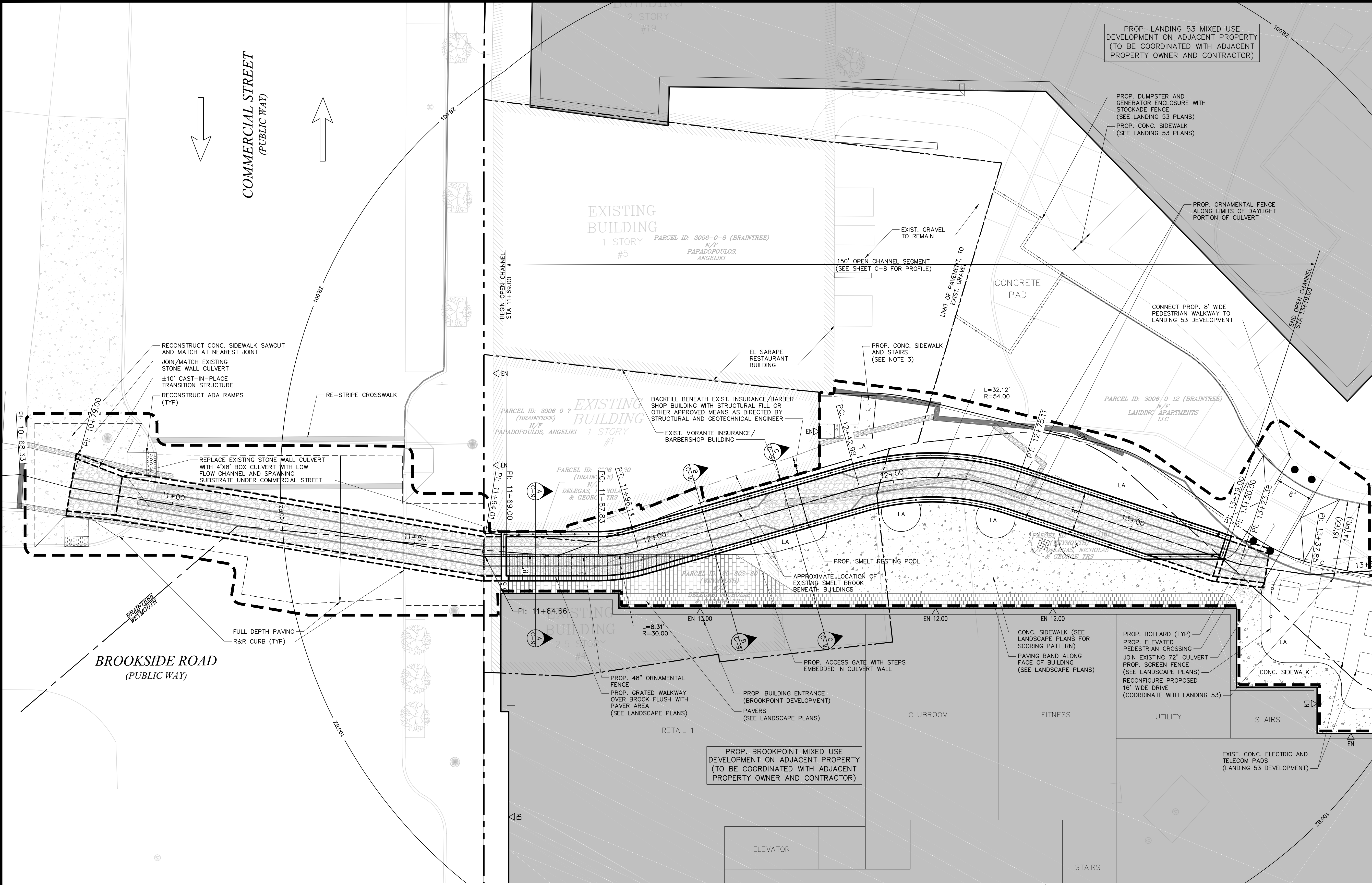
DESIGNED BY:
JLS

CHECKED BY:
CMI

SHEET NO:

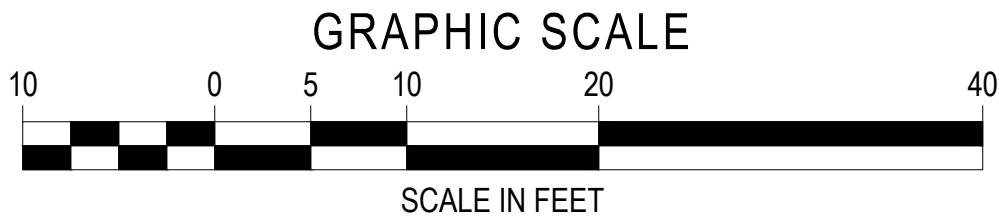
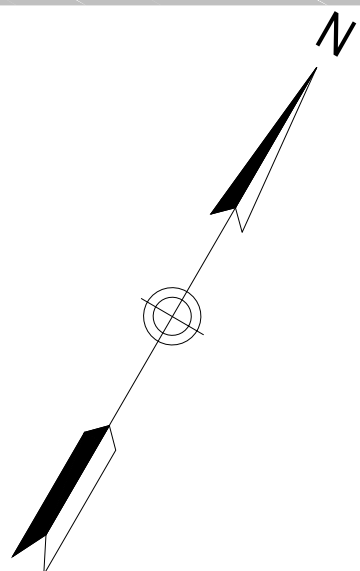
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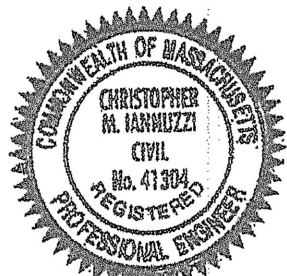
5 OF 10



NOTES

- LANDING 53 PROJECT IN BRAINTREE IS CURRENTLY UNDER CONSTRUCTION AND IS DEPICTED AS THE EXISTING CONDITIONS FOR THE PURPOSE OF THESE PLANS. IMPROVEMENTS ARE SHOWN BASED ON PLANS ENTITLED "LANDING APARTMENTS, COMMERCIAL STREET, BRAINTREE, MA", DATED APRIL 17, 2015 AND LAST REVISED MARCH 8, 2016, PREPARED BY KELLY ENGINEERING GROUP, INC.
- PROPOSED BROOKPOINT DEVELOPMENT IS DEPICTED BASED ON PLANS ENTITLED "BROOKPOINT MIXED-USED DEVELOPMENT", DATED JANUARY 25, 2017, PREPARED BY SITEC ENVIRONMENTAL. THIS PROJECT IS CURRENTLY UNDERGOING LOCAL PERMITTING REVIEW AND MAY BE SUBJECT TO CHANGE. FINAL DESIGN IS TO BE COORDINATED WITH THE SMELT BROOK DAYLIGHTING PROJECT.
- APPROPRIATE PERMISSIONS AND AUTHORIZATIONS SHALL BE OBTAINED FROM PRIVATE PROPERTY OWNERS PRIOR TO CONSTRUCTION.
- ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88). TOWN OF WEYMOUTH DATUM IS 6.63 FEET BELOW NAVD 88 DATUM.
- UPPER FLOORS OF THE BRICK GRILLE BUILDING WERE DEMOLISHED IN FEBRUARY 2012. FOUNDATION AND GROUND LEVEL TIMBER FLOORING REMAINS. REMAINDER OF DEMOLITION TO BE COORDINATED WITH PRIVATE DEVELOPER OF BROOKPOINT PROJECT.





Christopher M. Harbuzzi, P.E.

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SUBMITTALS

NO.	DATE	DESCRIPTION	BY
1	7/26/2017	AGENCY COMMENTS	JLS

DATE:
May 18, 2017

PROJECT NUMBER:
1616000008

PROJECT TITLE:
Smelt Brook Daylighting

Weymouth Landing
Weymouth, Massachusetts 02188
Norfolk County

ISSUED FOR:
Notice of Intent
(NOT FOR CONSTRUCTION)

SHEET TITLE:
Grading & Drainage Plan

SCALE:

1" = 10'

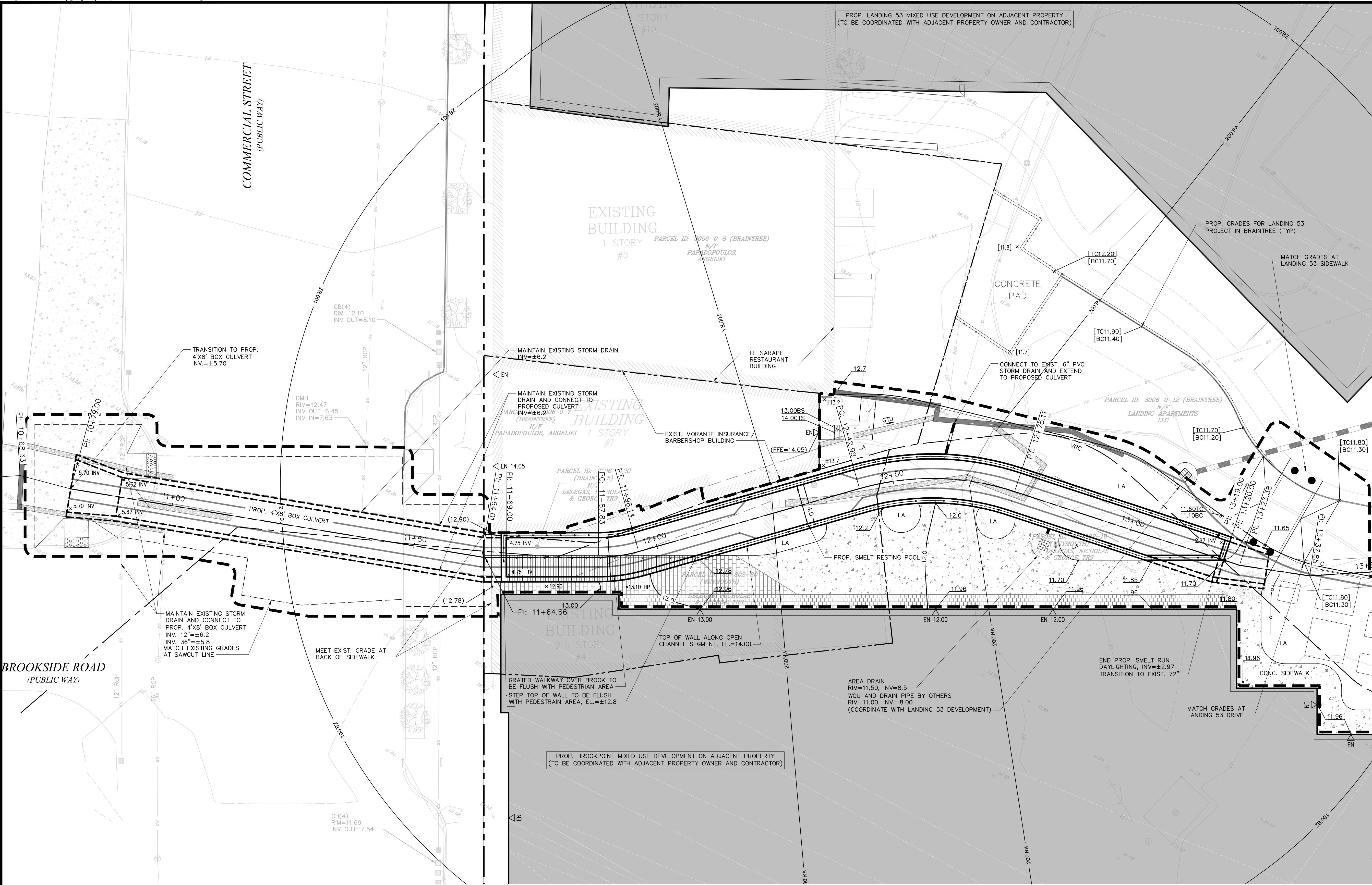
DESIGNED BY:
JLS

CHECKED BY:
CMI

SHEET NO:

C-6

6 OF 10

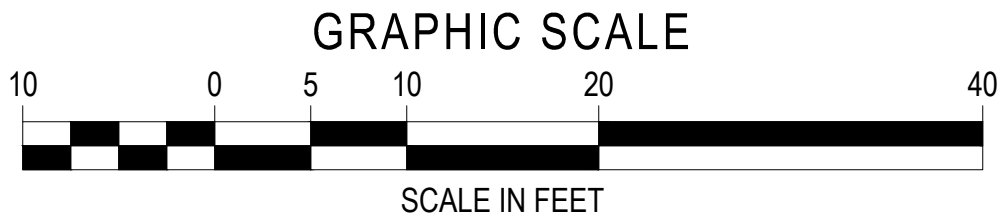
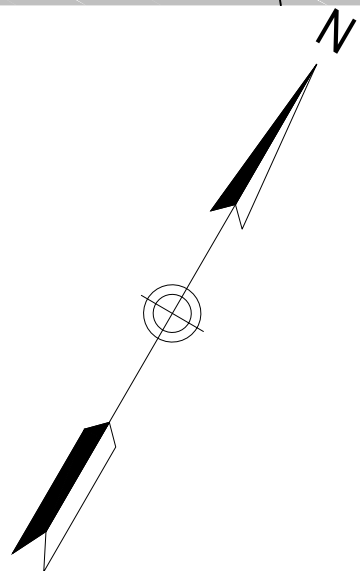


NOTES

- LANDING 53 PROJECT IN BRAINTREE IS CURRENTLY UNDER CONSTRUCTION AND IS DEPICTED AS THE EXISTING CONDITIONS FOR THE PURPOSE OF THESE PLANS. IMPROVEMENTS ARE SHOWN BASED ON PLANS ENTITLED "LANDING APARTMENTS, COMMERCIAL STREET, BRAINTREE, MA", DATED APRIL 17, 2015 AND LAST REVISED MARCH 8, 2016, PREPARED BY KELLY ENGINEERING GROUP, INC.
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- APPROPRIATE PERMISSIONS AND AUTHORIZATIONS SHALL BE OBTAINED FROM PRIVATE PROPERTY OWNERS PRIOR TO CONSTRUCTION.
- ALL EXISTING UTILITY INFORMATION WAS OBTAINED FROM AN EXISTING CONDITIONS SURVEY BY KELLY ENGINEERING GROUP, INC. PLAN IS ENTITLED "EBI CONSULTING, COMMERCIAL STREET, BRAINTREE, MA, EXISTING CONDITIONS PLAN" DATED JUNE 29, 2016. LOCATIONS OF UNDERGROUND UTILITIES ARE APPROXIMATE AND HAVE BEEN COMPILED FROM INFORMATION FURNISHED BY OTHERS. EXACT LOCATIONS AND DEPTHS OF UTILITIES MUST BE CONFIRMED BY CONTRACTOR PRIOR TO CONSTRUCTION.
- ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88). TOWN OF WEYMOUTH DATUM IS 6.63 FEET BELOW NAVD 88 DATUM.
- SEQUENCE AND PHASING OF CONSTRUCTION TO BE COORDINATED WITH BROOKPOINT DEVELOPMENT PROPOSED IMMEDIATELY ADJACENT TO PROJECT.
- GRADES IN ACCESSIBLE ROUTE ALONG OPEN CHANNEL SEGMENT ARE NOT TO EXCEED A MAXIMUM OF 2% IN ANY DIRECTION.

LEGEND

- | | |
|-------|--------------------------------------|
| XX.XX | EXISTING GRADE |
| XX.XX | GRADE PROPOSED BY LANDING 53 PROJECT |
| XX.XX | PROPOSED GRADE |





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May 18, 2017

PROJECT NUMBER:
1616000008

PROJECT TITLE:
Smelt Brook Daylighting

Weymouth Landing
Weymouth, Massachusetts 02188
Norfolk County

ISSUED FOR:
Notice of Intent
(NOT FOR CONSTRUCTION)

SHEET TITLE:

Utilities Plan

SCALE:
1" = 10'

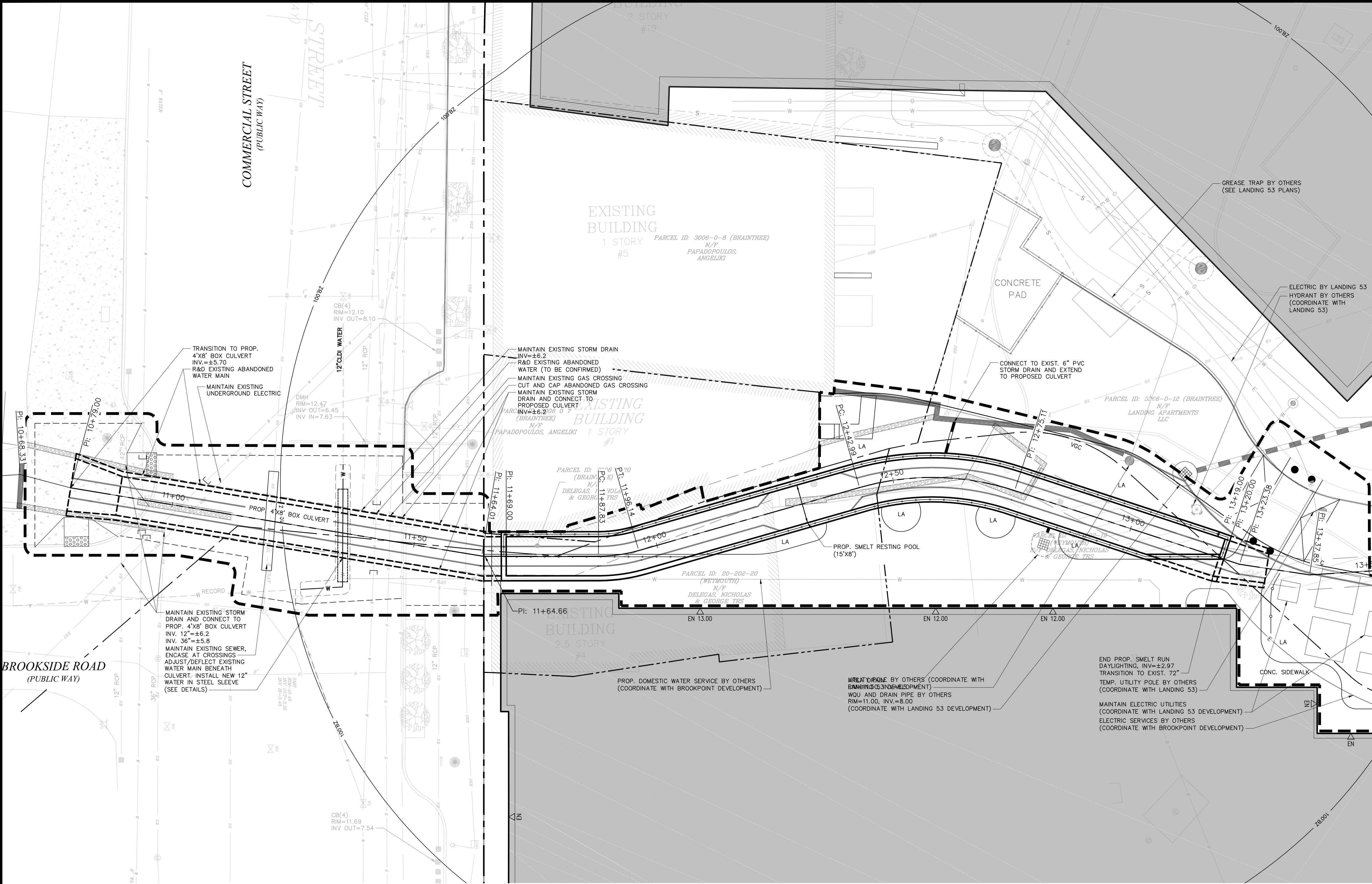
DESIGNED BY:
JLS

CHECKED BY:
CMI

SHEET NO:

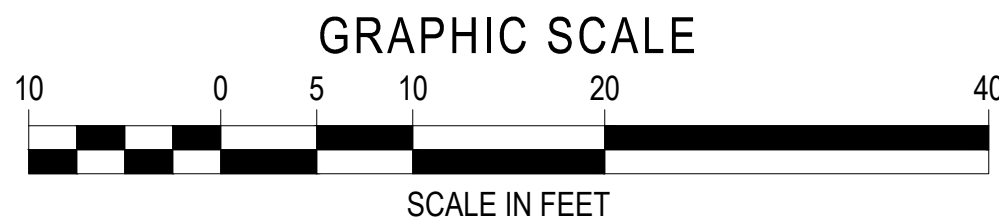
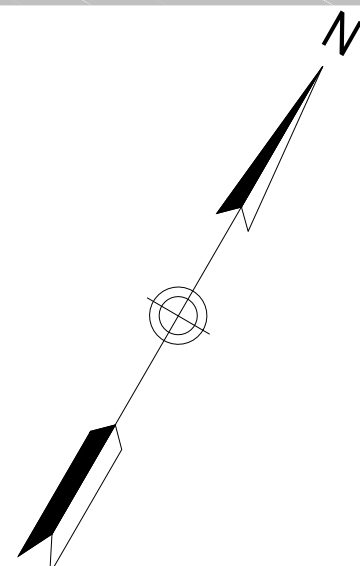
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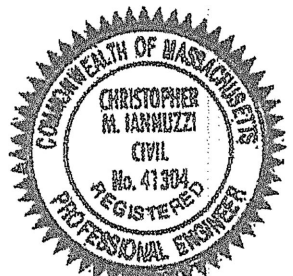
7 OF 10



NOTES

- LANDING 53 PROJECT IN BRAINTREE IS CURRENTLY UNDER CONSTRUCTION AND IS DEPICTED AS THE EXISTING CONDITIONS FOR THE PURPOSE OF THESE PLANS. IMPROVEMENTS ARE SHOWN BASED ON PLANS ENTITLED "LANDING APARTMENTS, COMMERCIAL STREET, BRAINTREE, MA", DATED APRIL 17, 2015 AND LAST REVISED MARCH 8, 2016, PREPARED BY KELLY ENGINEERING GROUP, INC.
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DATE:
May 18, 2017

PROJECT NUMBER:
1616000008

PROJECT TITLE:

Smelt Brook Daylighting

Weymouth Landing
Weymouth, Massachusetts 02188
Norfolk County

ISSUED FOR:
Notice of Intent
(NOT FOR CONSTRUCTION)

SHEET TITLE:

Plan and Profile

SCALE:
AS NOTED

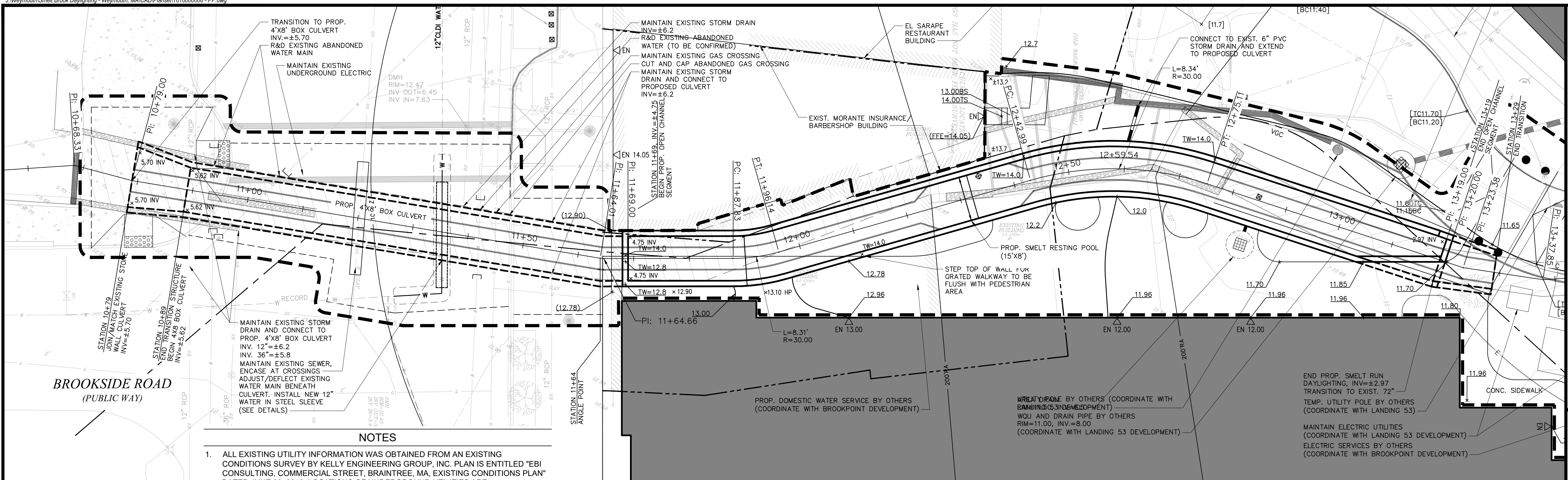
DESIGNED BY:
JLS

CHECKED BY:
CMI

SHEET NO:

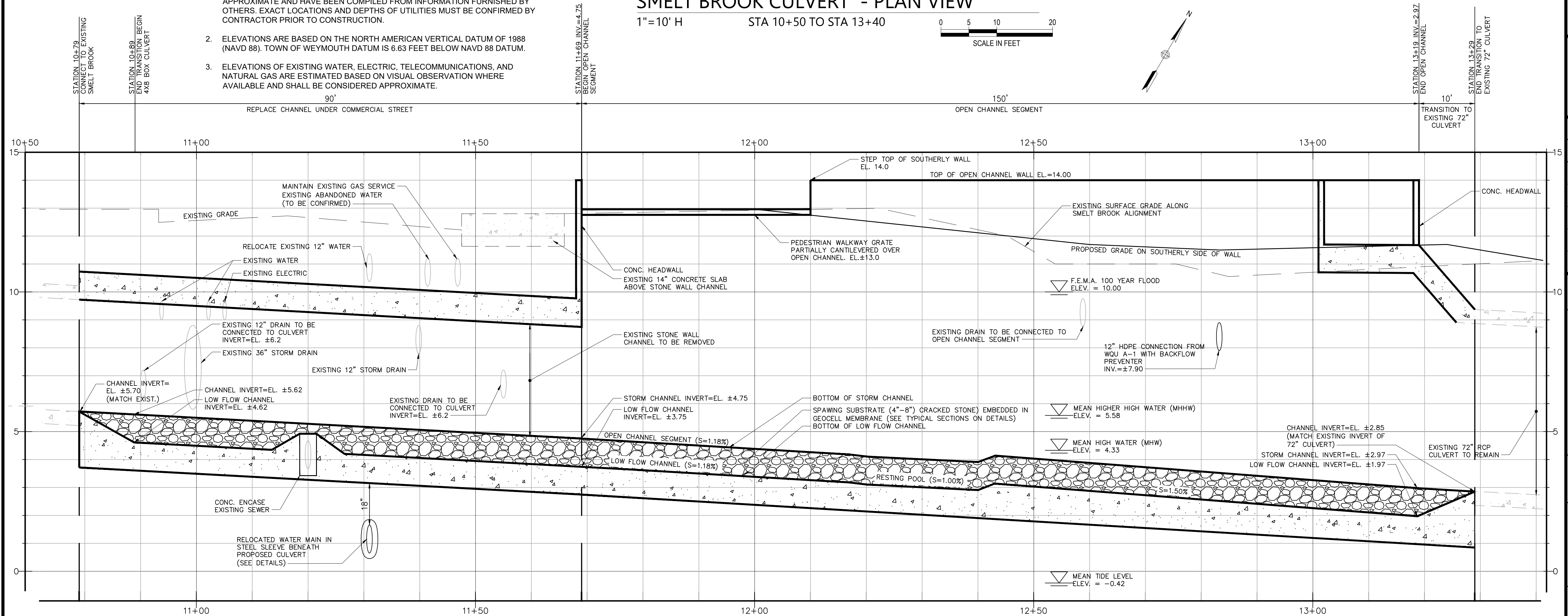
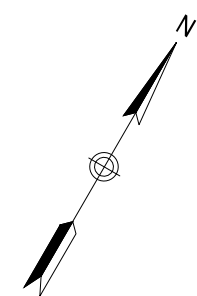
C-8

8 OF 10



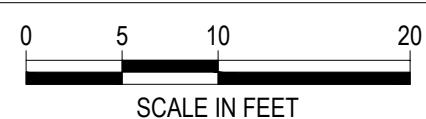
SMELT BROOK CULVERT - PLAN VIEW

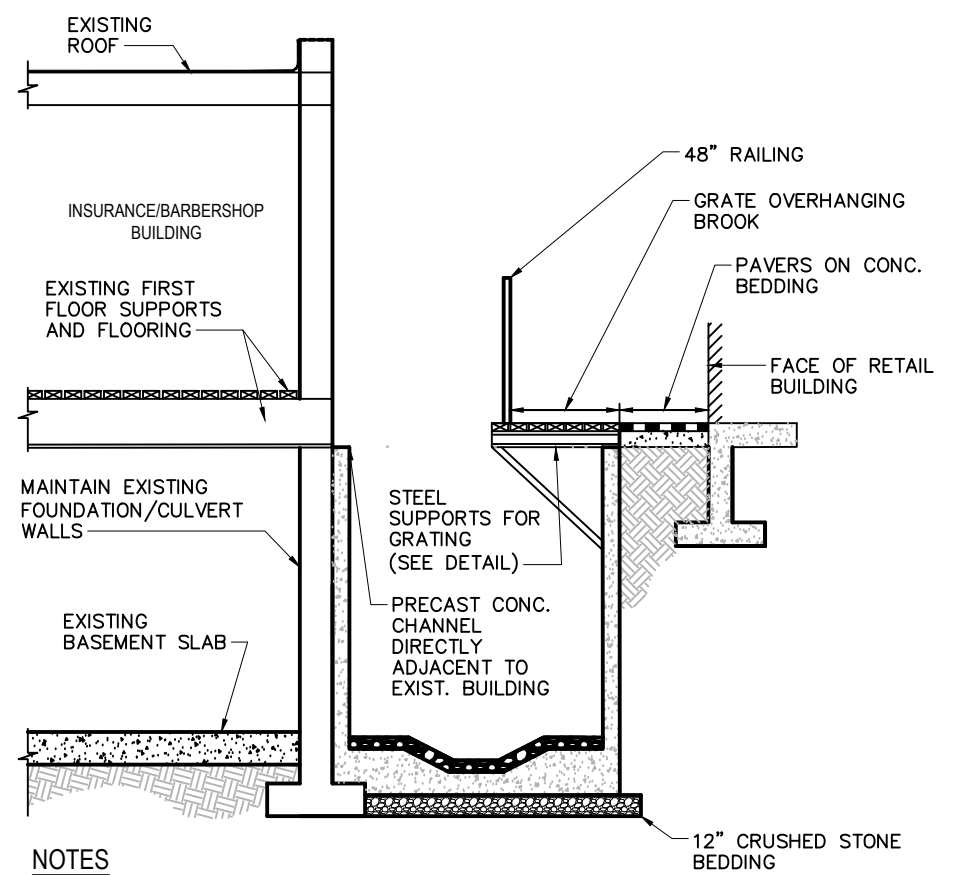
1"=10' H STA 10+50 TO STA 13+40



SMELT BROOK CULVERT - PROFILE VIEW

1"=10' H STA 10+50 TO STA 13+40

$$1'' = 2' \text{ V}$$


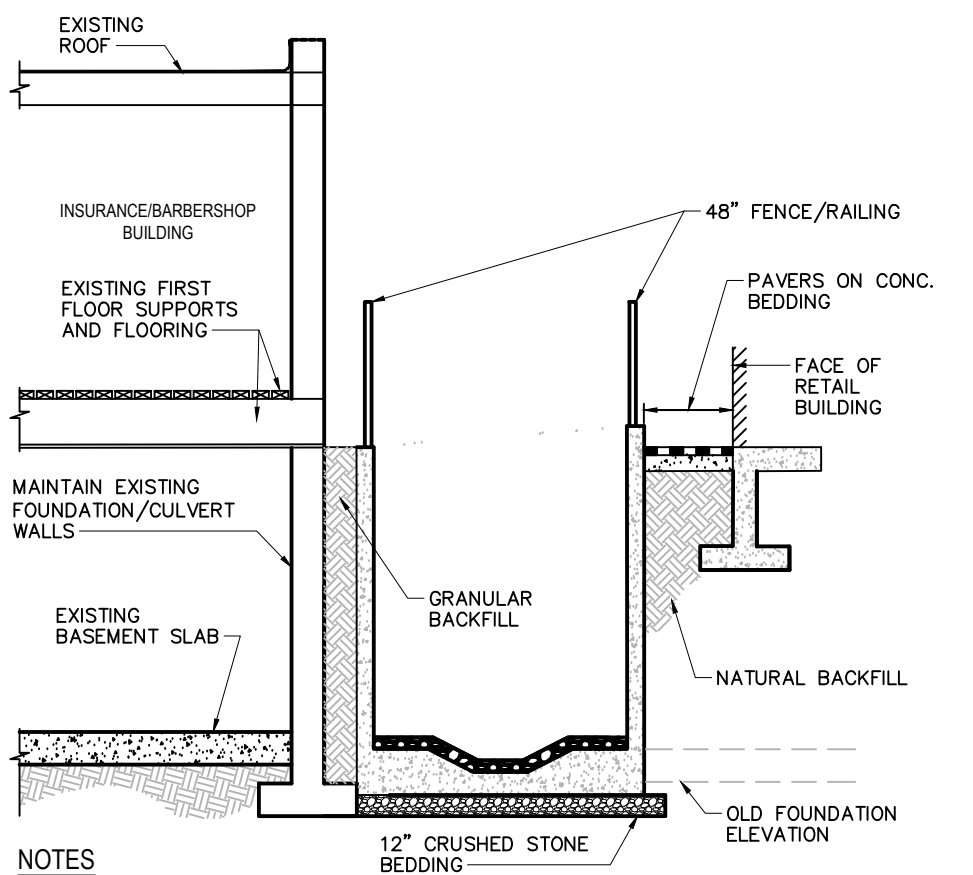


- NOTES
1. TYPICAL SECTION IS A GRAPHICAL REPRESENTATION OF EXISTING BUILDING ELEMENTS FOR THE BRICK GRILLE BUILDING, INSURANCE/BARBERSHOP BUILDING AND THE SMELT BROOK CULVERT BASED ON VISUAL OBSERVATION. DEMOLITION ACTIVITY AS DEPICTED ON THIS PLAN IS A GENERAL REPRESENTATION OF PROPOSED WORK AND IS NOT INTENDED TO INCLUDE AND DETAIL ALL ASPECTS OF THE DEMOLITION AND/OR RESTORATION WORK.
 2. REFER TO THE BRICK GRILLE DEMOLITION CONSIDERATIONS MEMORANDUM PREPARED BY EBI CONSULTING DATED OCTOBER 18, 2016 FOR ADDITIONAL DETAIL.

SECTION A - GRATING OVER SMELT BROOK

SCALE: N.T.S.

C-3

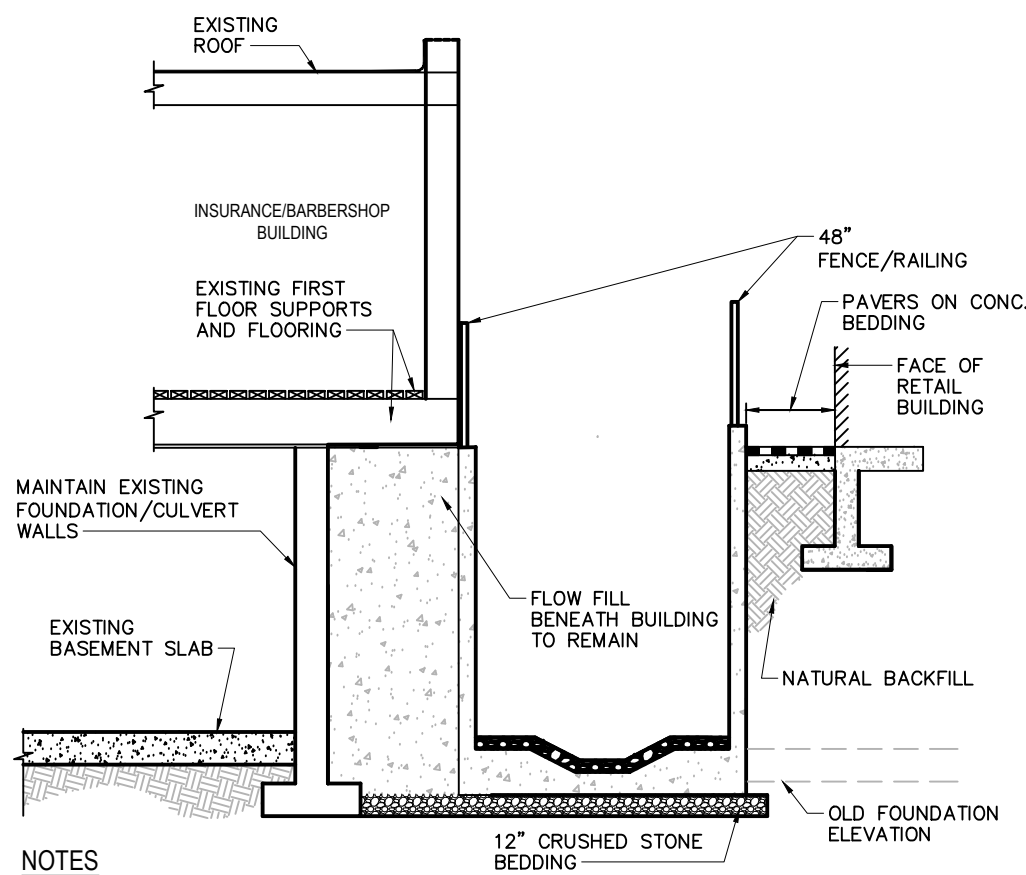


- NOTES
1. TYPICAL SECTION IS A GRAPHICAL REPRESENTATION OF EXISTING BUILDING ELEMENTS FOR THE BRICK GRILLE BUILDING, INSURANCE/BARBERSHOP BUILDING AND THE SMELT BROOK CULVERT BASED ON VISUAL OBSERVATION. DEMOLITION ACTIVITY AS DEPICTED ON THIS PLAN IS A GENERAL REPRESENTATION OF PROPOSED WORK AND IS NOT INTENDED TO INCLUDE AND DETAIL ALL ASPECTS OF THE DEMOLITION AND/OR RESTORATION WORK.
 2. REFER TO THE BRICK GRILLE DEMOLITION CONSIDERATIONS MEMORANDUM PREPARED BY EBI CONSULTING DATED OCTOBER 18, 2016 FOR ADDITIONAL DETAIL.

SECTION B - OPEN CHANNEL SECTION

SCALE: N.T.S.

C-3

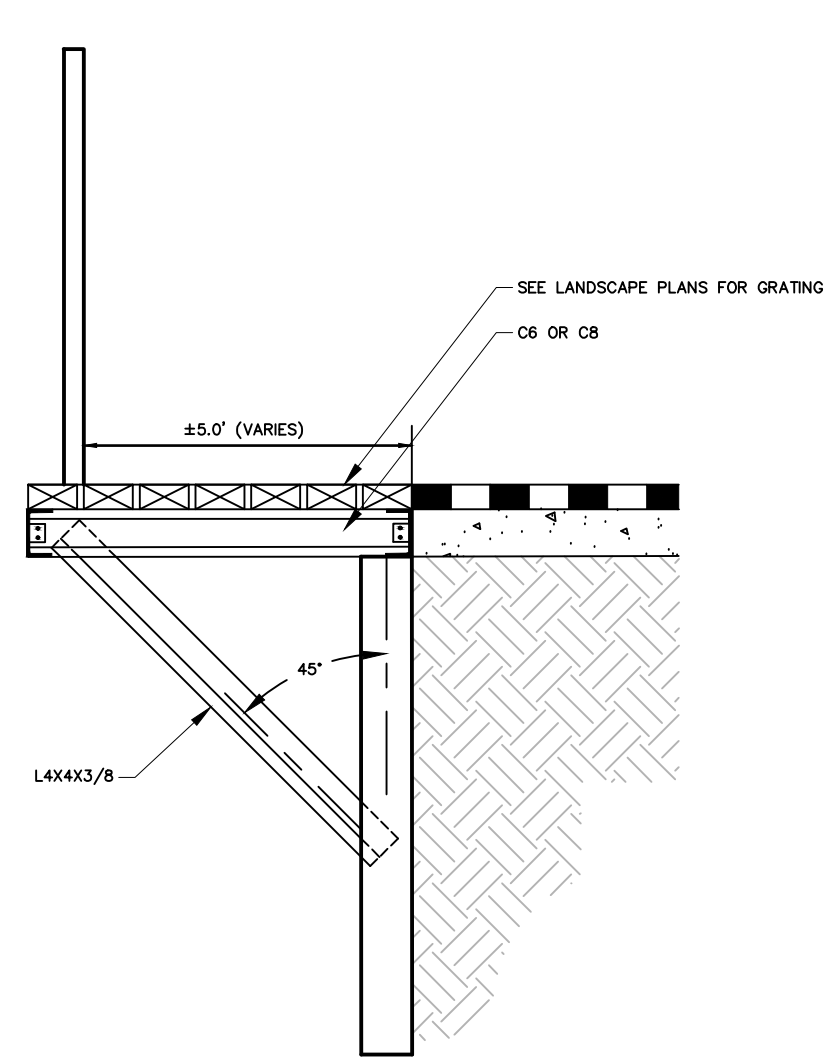


- NOTES
1. TYPICAL SECTION IS A GRAPHICAL REPRESENTATION OF EXISTING BUILDING ELEMENTS FOR THE BRICK GRILLE BUILDING, INSURANCE/BARBERSHOP BUILDING AND THE SMELT BROOK CULVERT BASED ON VISUAL OBSERVATION. DEMOLITION ACTIVITY AS DEPICTED ON THIS PLAN IS A GENERAL REPRESENTATION OF PROPOSED WORK AND IS NOT INTENDED TO INCLUDE AND DETAIL ALL ASPECTS OF THE DEMOLITION AND/OR RESTORATION WORK.
 2. REFER TO THE BRICK GRILLE DEMOLITION CONSIDERATIONS MEMORANDUM PREPARED BY EBI CONSULTING DATED OCTOBER 18, 2016 FOR ADDITIONAL DETAIL.

SECTION C - EXISTING BUILDING OVERHANGING BROOK

SCALE: N.T.S.

C-3

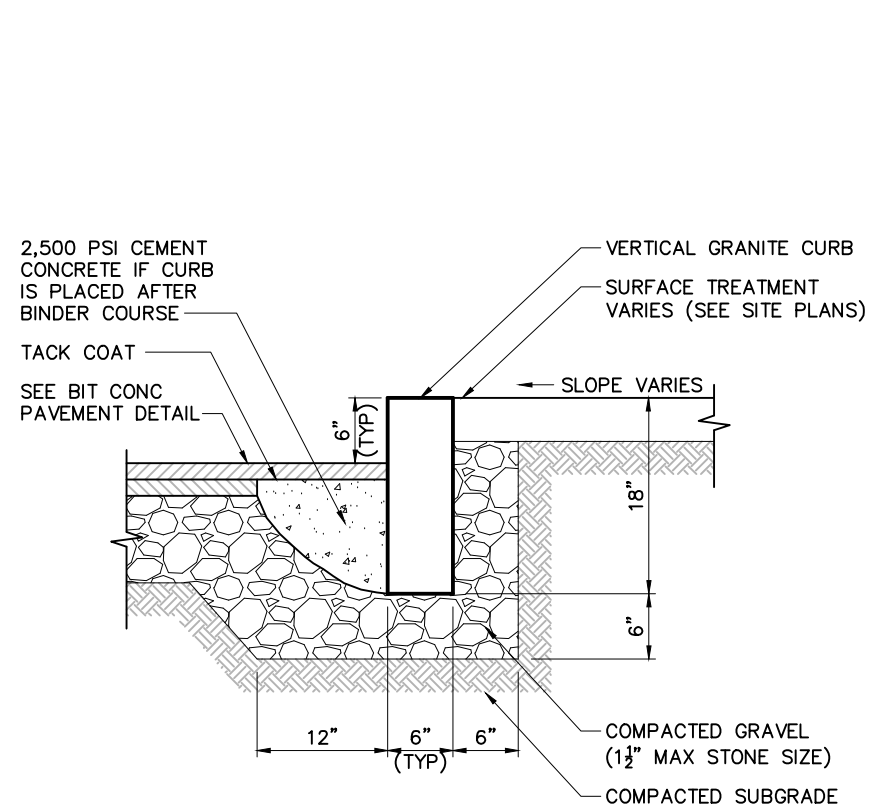


- NOTES
1. REINFORCEMENT FOR GRATING IS PRELIMINARY AND SUBJECT TO CHANGE FOR FINAL DESIGN.

GRATING OVER SMELT BROOK

SCALE: N.T.S.

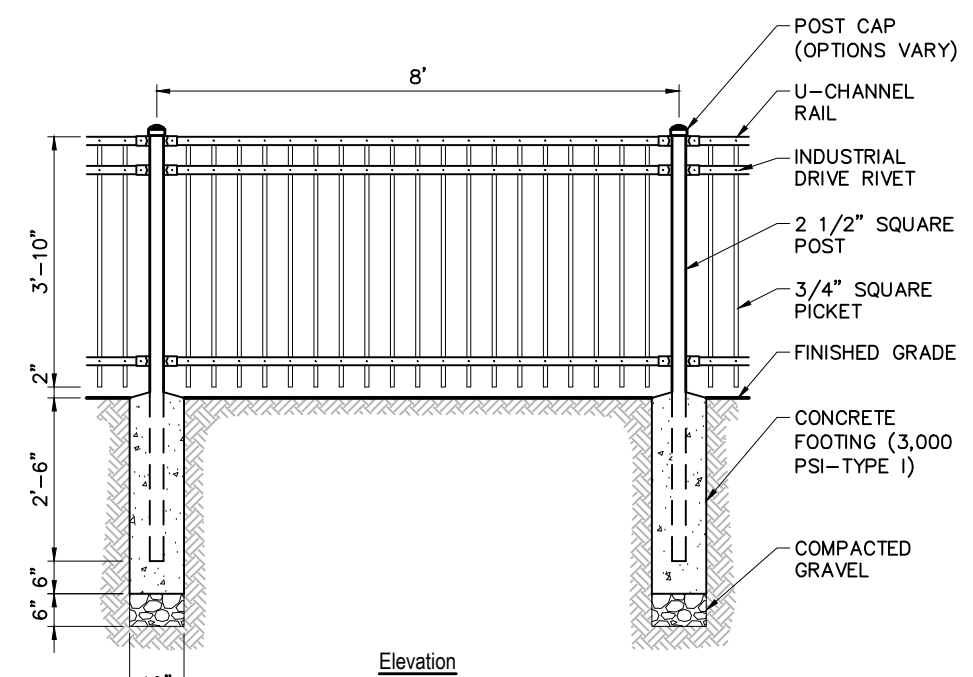
C-3



VERTICAL GRANITE CURB (VGC)

SCALE: N.T.S.

C-3



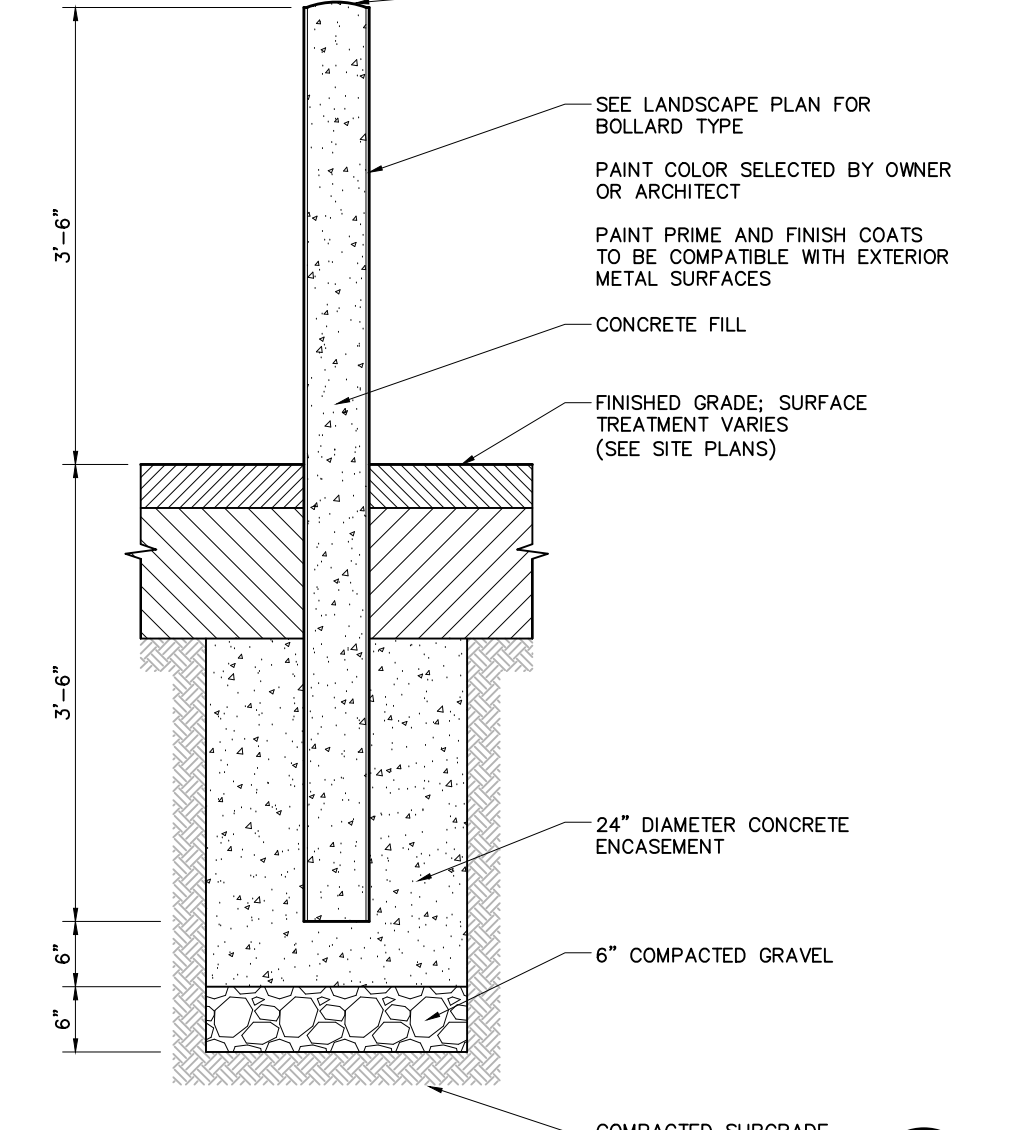
CONSTRUCTION NOTES

1. FENCE TO BE INSTALLED PER MANUFACTURERS RECOMMENDATIONS.
2. POSTS SHALL MAINTAIN A MINIMUM DEPTH OF 2'-6" IN GROUND AND SHALL NOT BE RACKED TO ACCOMMODATE CHANGES IN GRADE.
3. LINE OF FENCE TOP AND BOTTOM SHALL BE INSTALLED STRAIGHT AND TRUE. POSTS AND PICKETS SHALL BE INSTALLED PARALLEL AND PLUMB. RAILS SHALL BE INSTALLED PARALLEL TO GROUND SURFACE AND EACH OTHER.

4' ORNAMENTAL METAL FENCE

SCALE: N.T.S.

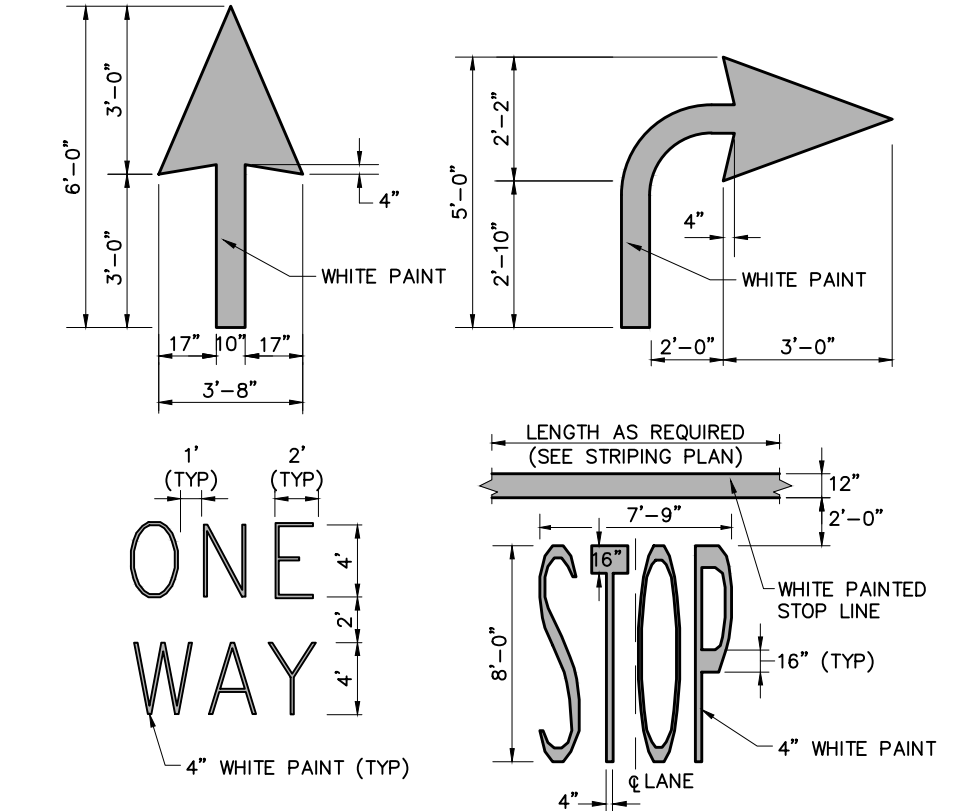
C-3



BOLLARD

SCALE: N.T.S.

DWG#



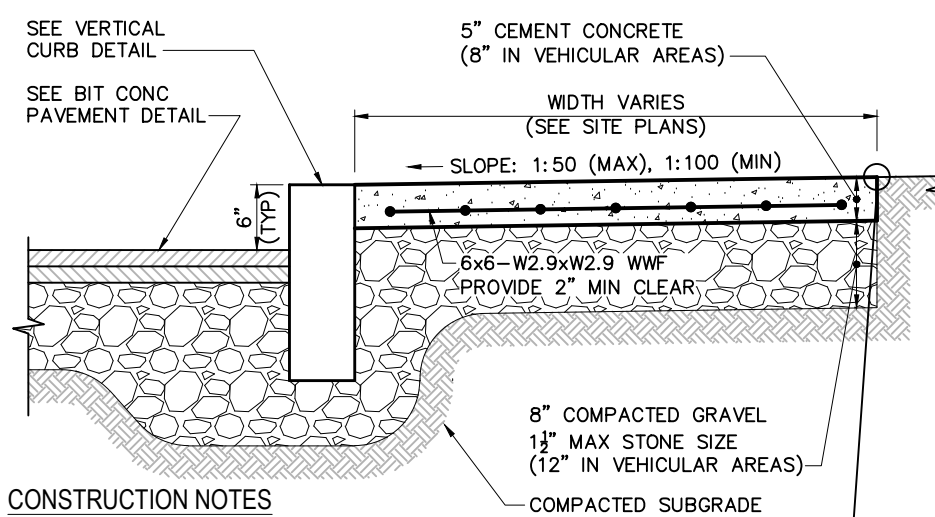
CONSTRUCTION NOTES

1. PAVEMENT MARKINGS TO BE INSTALLED FOR ON-SITE WORK IN THE LOCATIONS SHOWN ON THE LAYOUT AND MATERIALS PLAN.

PAINTED PAVEMENT MARKINGS

SCALE: N.T.S.

C-3



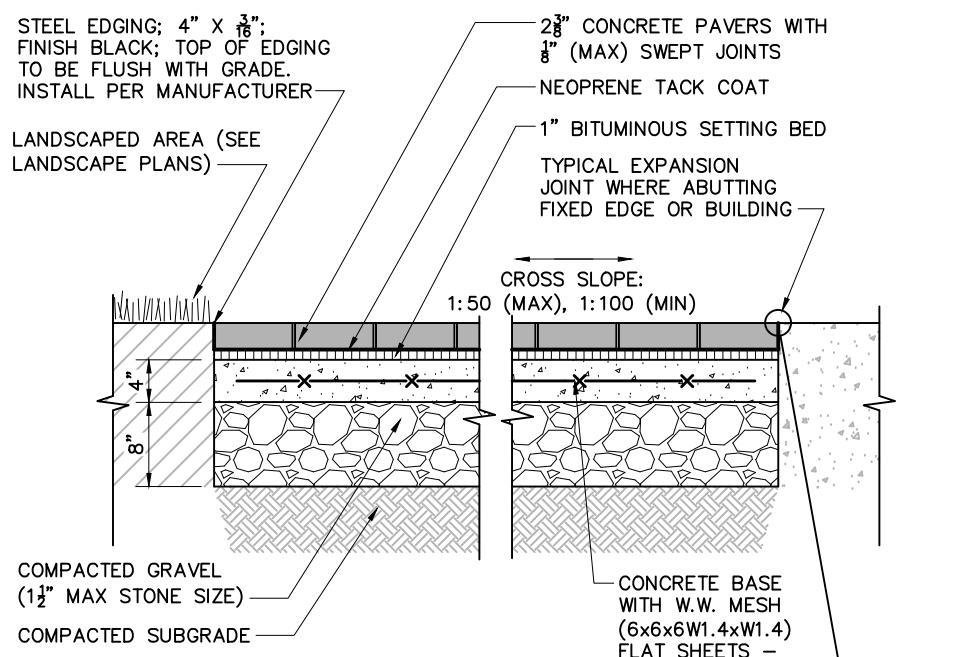
CONSTRUCTION NOTES

1. CEMENT CONCRETE SHALL BE 4,000 PSI-TYPE II.
2. PROVIDE EXPANSION JOINTS AT A MINIMUM 30 FEET ON-CENTER WITH PRE-FORMED EXPANSION JOINT FILLER AND SEALER.
3. PROVIDE TOOLED CONTROL JOINTS AT A MINIMUM SIX (6) FEET ON-CENTER.
4. PROVIDE BROOM FINISH IN DIRECTION PERPENDICULAR TO CURB.
5. FOR ACCESSIBLE ROUTES, SIDEWALKS SHALL CONFORM TO THE REQUIREMENTS SET FORTH IN THE AMERICANS WITH DISABILITIES ACT (ADA) STANDARDS FOR ACCESSIBLE DESIGN AND THE MASSACHUSETTS ARCHITECTURAL ACCESS BOARD (AAB) RULES AND REGULATIONS (S21 CMR).
6. FOR ACCESSIBLE ROUTES, THE RUNNING SLOPE OF WALKING SURFACES SHALL NOT BE GREATER THAN 1:20. THE CROSS SLOPE OF WALKING SURFACES SHALL NOT BE GREATER THAN 1:50 OR LESS THAN 1:100.
7. FOR ACCESSIBLE ROUTES, WHERE THE SIDEWALK IS LESS THAN FIVE (5) FEET IN WIDTH, EXCLUDING CURBING, A 5' X 5' PASSING AREA SHALL BE PROVIDED AT INTERVALS NOT TO EXCEED 200 FEET.
8. FOR ACCESSIBLE ROUTES, A MINIMUM CLEARANCE OF THREE (3) FEET SHALL BE MAINTAINED AT ANY PERMANENT OBSTACLE, HYDRANTS, UTILITY POLES, SIGN POSTS, ETC.

CONCRETE SIDEWALK

SCALE: N.T.S.

C-3



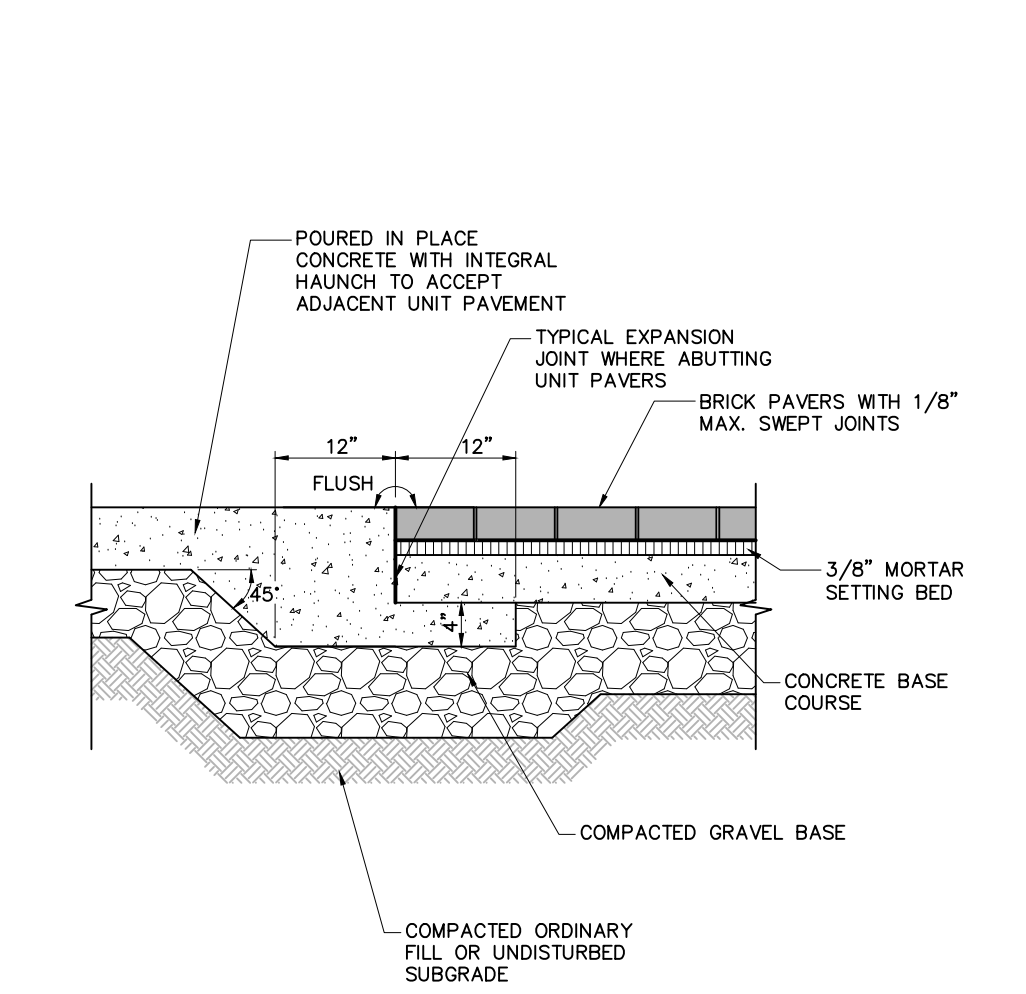
CONSTRUCTION NOTES

1. CEMENT CONCRETE SHALL BE 4,000 PSI-TYPE II.
2. FOR ACCESSIBLE ROUTES, SIDEWALKS SHALL CONFORM TO THE REQUIREMENTS SET FORTH IN THE AMERICANS WITH DISABILITIES ACT (ADA) STANDARDS FOR ACCESSIBLE DESIGN AND THE MASSACHUSETTS ARCHITECTURAL ACCESS BOARD (AAB) RULES AND REGULATIONS (S21 CMR).
3. FOR ACCESSIBLE ROUTES, THE RUNNING SLOPE OF WALKING SURFACES SHALL NOT BE GREATER THAN 1:20. THE CROSS SLOPE OF WALKING SURFACES SHALL NOT BE GREATER THAN 1:50 OR LESS THAN 1:100.
4. FOR ACCESSIBLE ROUTES, WHERE THE SIDEWALK IS LESS THAN FIVE (5) FEET IN WIDTH, EXCLUDING CURBING, A 5' X 5' PASSING AREA SHALL BE PROVIDED AT INTERVALS NOT TO EXCEED 200 FEET.
5. FOR ACCESSIBLE ROUTES, A MINIMUM CLEARANCE OF THREE (3) FEET SHALL BE MAINTAINED AT ANY PERMANENT OBSTACLE, HYDRANTS, UTILITY POLES, SIGN POSTS, ETC.

CONCRETE UNIT PAVERS

SCALE: N.T.S.

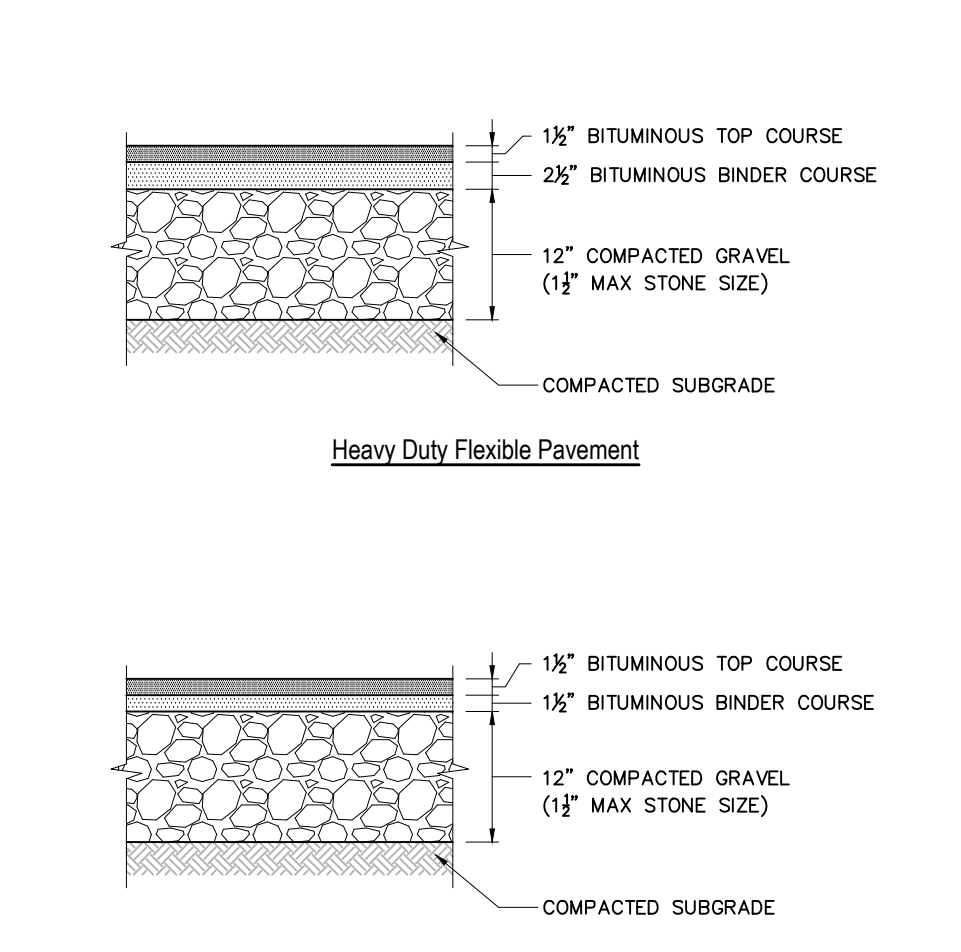
C-3



POURED IN PLACE CONCRETE TO UNIT PAVERS TRANSITION

SCALE: N.T.S.

C-3



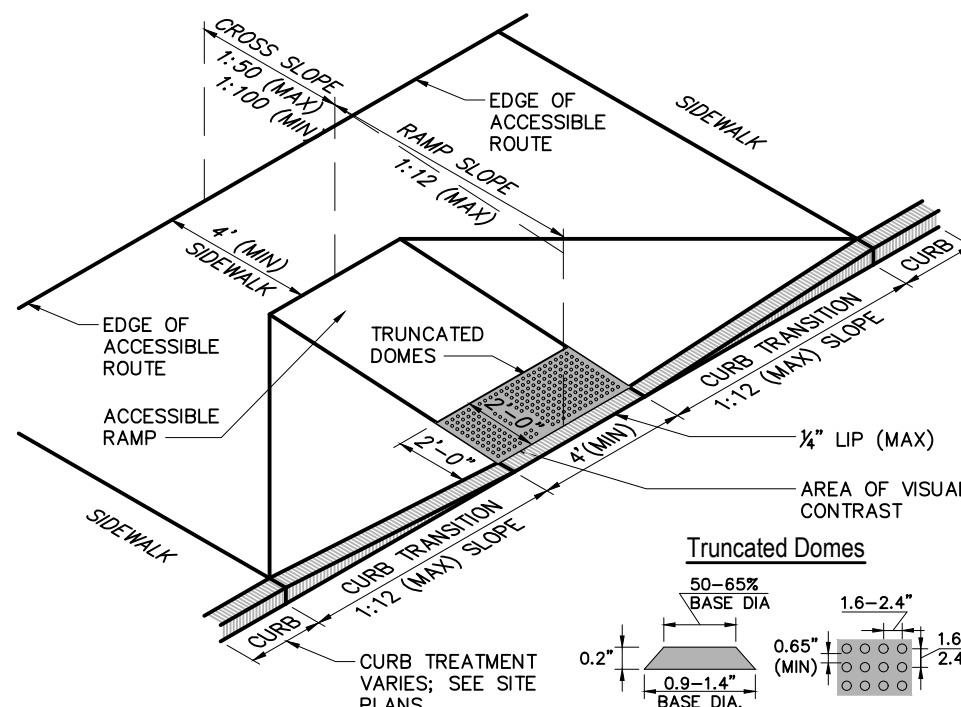
CONSTRUCTION NOTES

1. PAVEMENT SECTIONS ARE SUBJECT TO CHANGE AND WILL BE BASED ON THE RESULTS OF FURTHER GEOTECHNICAL INVESTIGATIONS.

BITUMINOUS CONCRETE PAVEMENT

SCALE: N.T.S.

C-3



CONSTRUCTION NOTES

1. CURB RAMPS SHALL CONFORM TO THE REQUIREMENTS SET FORTH IN THE AMERICANS WITH DISABILITIES ACT (ADA) STANDARDS FOR ACCESSIBLE DESIGN AND THE MASSACHUSETTS ARCHITECTURAL ACCESS BOARD (AAB) RULES AND REGULATIONS (S21 CMR).
2. THE RUNNING SLOPE OF CURB RAMPS SHALL NOT BE GREATER THAN 1:12. THE RUNNING SLOPE OF WALKING SURFACES SHALL NOT BE GREATER THAN 1:20. THE CROSS SLOPE OF CURB RAMPS AND WALKING SURFACES SHALL NOT BE GREATER THAN 1:50 OR LESS THAN 1:100.
3. LANDINGS SHALL BE PROVIDED AT THE TOPS OF CURB RAMPS. THE LANDING CLEAR LENGTH SHALL BE 36 INCHES (3 FEET) MINIMUM. THE LANDING CLEAR WIDTH SHALL BE AT LEAST AS WIDE AS THE CURB RAMP, EXCLUDING FLARED SIDES, LEADING TO THE LANDING.
4. COUNTER SLOPES OF ADJOINING SURFACES IMMEDIATELY ADJACENT TO THE CURB RAMP SHALL NOT BE STEEPER THAN 1:20.
5. DETECTABLE WARNINGS SHALL CONTRAST VISUALLY WITH ADJACENT WALKING SURFACES AND BE INSTALLED PERPENDICULAR TO THE ACCESSIBLE ROUTE.

ACCESSIBLE CURB RAMP (ACR) TYPE 'D'

SCALE: N.T.S.

C-3

1400 Hancock Street, 4th Floor
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Tel: 617.481.5985
www.ebiconsulting.com



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PREPARED FOR:

Town of Weymouth

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1616000008

PROJECT TITLE:

Smelt Brook Daylighting

Weymouth Landing
Weymouth, Massachusetts 02188
Norfolk County

ISSUED FOR:

Notice of Intent
(NOT FOR CONSTRUCTION)

SHEET TITLE:

Site Details 1

SCALE:

N.T.S.

DESIGNED BY:

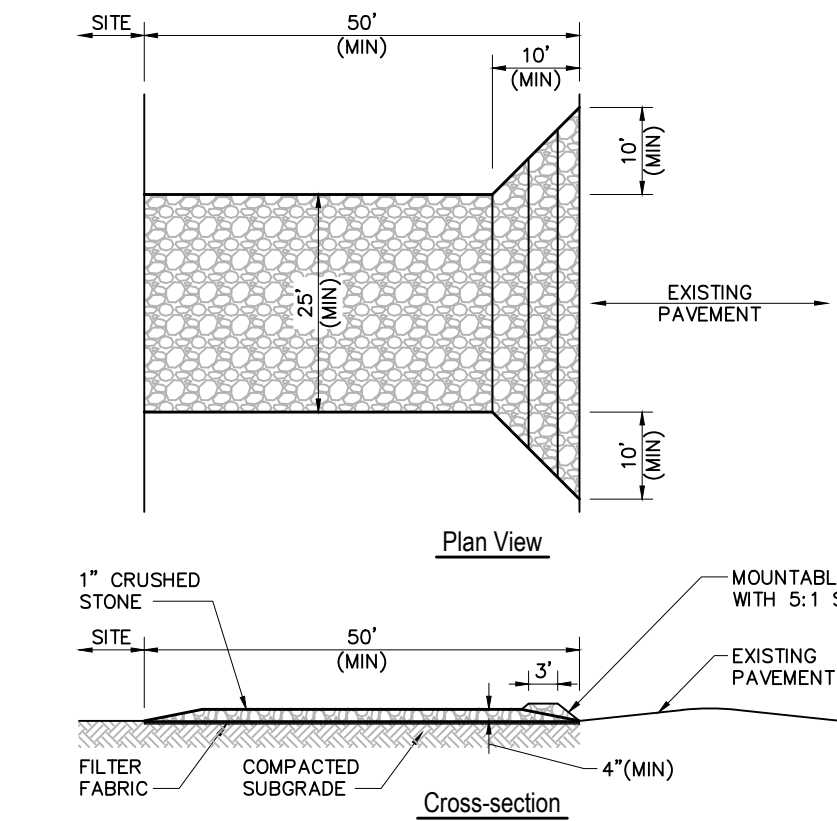
JLS

CHECKED BY:

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SHEET NO:

C-9



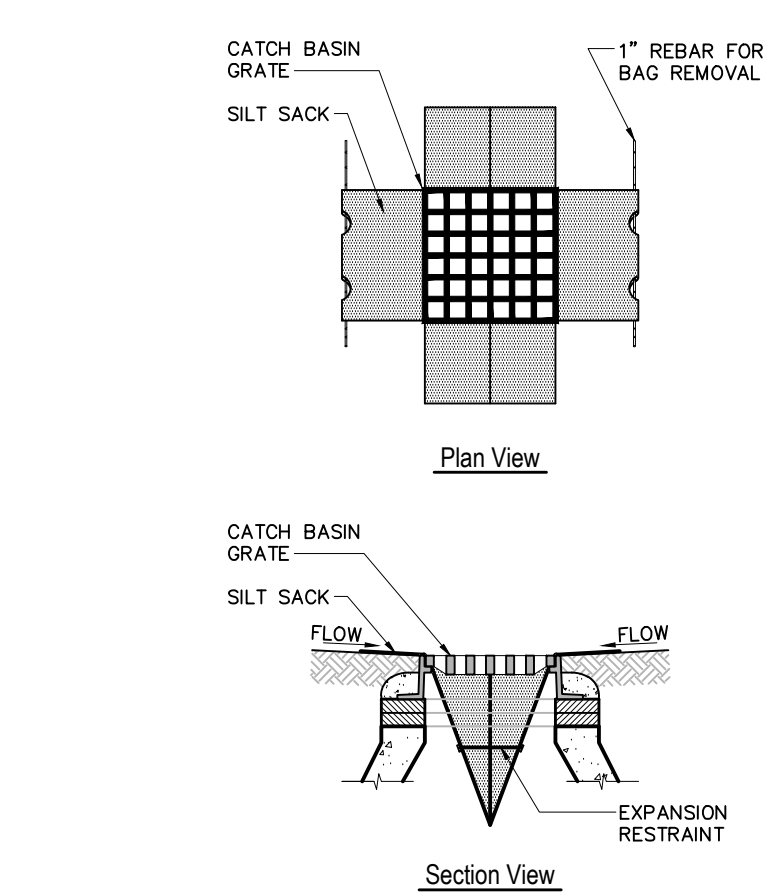
CONSTRUCTION NOTES

- ENTRANCE WIDTH SHALL BE A TWENTY-FIVE (25) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
- THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH SHALL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY. PERIODIC INSPECTION AND MAINTENANCE SHALL BE PROVIDED AS NEEDED.
- STABILIZED CONSTRUCTION ENTRANCE SHALL BE REMOVED PRIOR TO FINAL FINISHED MATERIALS BEING INSTALLED.

STABILIZED CONSTRUCTION EXIT

SCALE: N.T.S.

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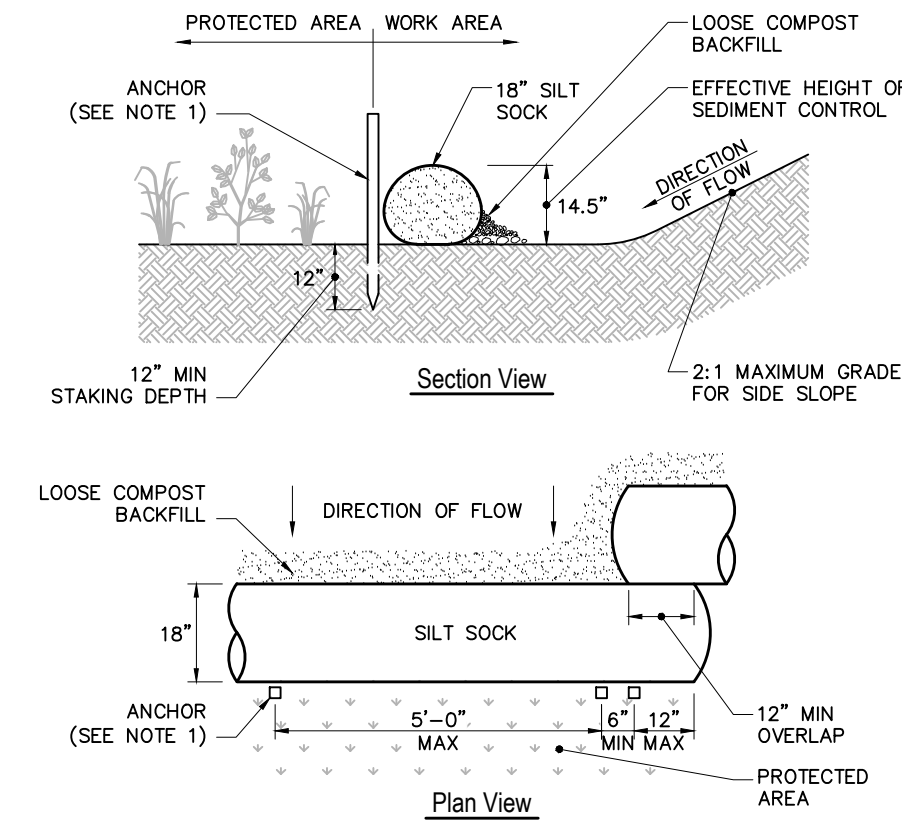
CONSTRUCTION NOTES

- INSTALL SILT SACKS IN ALL CATCH BASINS WHERE INDICATED ON THE SITE PLANS BEFORE COMMENCING WORK OR IN PAVED AREAS AFTER THE BINDER COURSE IS PLACED AND EROSION CONTROL BARRIERS HAVE BEEN REMOVED.
- GRATE TO BE PLACED OVER SILT SACK.
- SILT SACKS SHALL BE INSPECTED PERIODICALLY AND AFTER ALL STORM EVENTS. CLEANING OR REPLACEMENT SHALL BE PERFORMED AS NEEDED. MAINTAIN SILT SACKS UNTIL UPSTREAM AREAS HAVE BEEN PERMANENTLY STABILIZED.

SILT SACK - INLET PROTECTION

SCALE: N.T.S.

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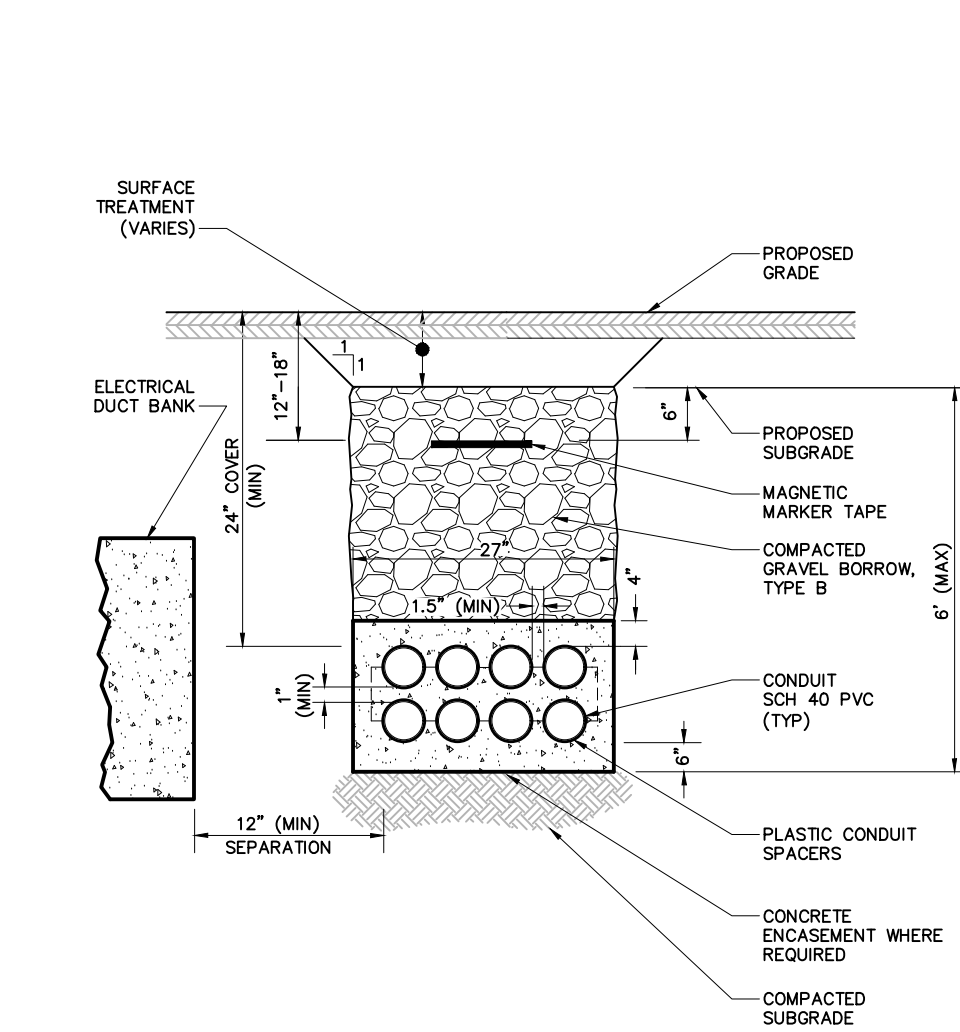
CONSTRUCTION NOTES

- ANCHOR TO BE A 2" X 2" X 36" HARD WOOD STAKE, OR APPROVED EQUAL.
- COMPOST FOR SILT SOCK FILL MATERIAL TO BE PROVIDED BY THE MANUFACTURER IN CONJUNCTION WITH THE ENGINEER TO PROVIDE THE REQUIRED REMOVAL OF SEDIMENT OR OTHER POLLUTANTS FROM RUNOFF.
- COMPOST MATERIAL SHALL BE DISPERSED ON SITE, AS DETERMINED BY THE LOCAL CONSERVATION AGENT OR THE DESIGN ENGINEER.
- SILT SOCK SHALL BE INSPECTED AT LEAST ONCE EVERY SEVEN DAYS OR PER LOCAL AND STATE REQUIREMENTS. REPAIR OR REPLACEMENT SHALL BE PERFORMED PROMPTLY, AS NEEDED.
- METHOD OF INSTALLATION SHALL BE AS PER MANUFACTURER'S RECOMMENDATIONS.

SILT SOCK - EROSION CONTROL BARRIER

SCALE: N.T.S.

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CONSTRUCTION NOTES

- DETAIL SHOWN FOR TYPICAL UTILITY DUCTBANK CONFIGURATION. REFER TO PRIVATE UTILITY COMPANY DETAILS AND SPECIFICATIONS FOR INDIVIDUAL DUCTBANK DETAILS.

TYPICAL TELEPHONE / CATV / FIRE ALARM DUCTBANK

SCALE: N.T.S.

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Table Of Dimensions											
BENDS	B	C	D	E	F	BENDS	B	C	D	E	F
6"	11 1/4"	8"	15"	12"	24"	6"	45"	8"	30"	12"	24"
6"	22 1/2"	"	19"	"	13"	6"	90"	"	30"	"	24"
8"	11 1/4"	"	20"	"	12"	8"	45"	"	30"	"	24"
8"	22 1/2"	"	22"	"	17"	8"	90"	"	36"	"	36"
12"	11 1/4"	"	30"	"	15"	12"	45"	"	40"	"	40"
12"	22 1/2"	"	35"	"	25"	12"	90"	"	60"	"	52"

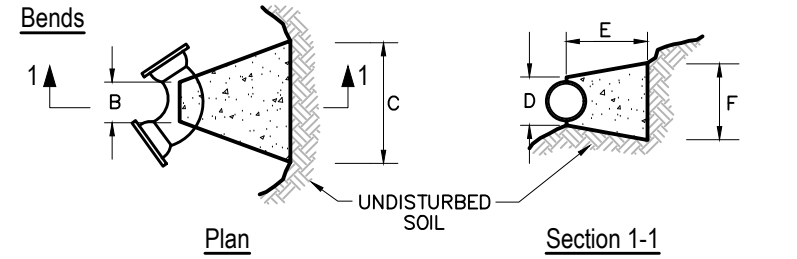
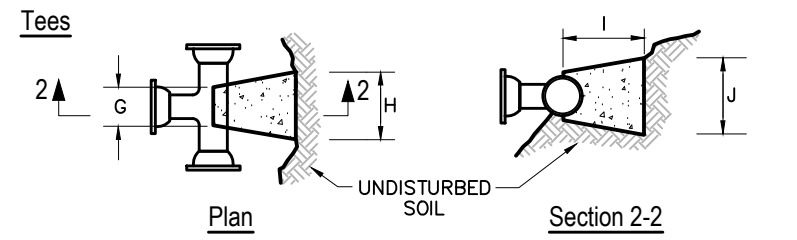


Table Of Dimensions									
TEES	G	H	I	J	TEES	G	H	I	J
6" x 6" x 6"	12"	24"	24"	18"	12" x 12" x 6"	12"	24"	24"	18"
8" x 8" x 6"	"	"	"	"	12" x 12" x 8"	"	"	"	24"
8" x 8" x 8"	"	"	"	24"	12" x 12" x 12"	"	36"	"	36"



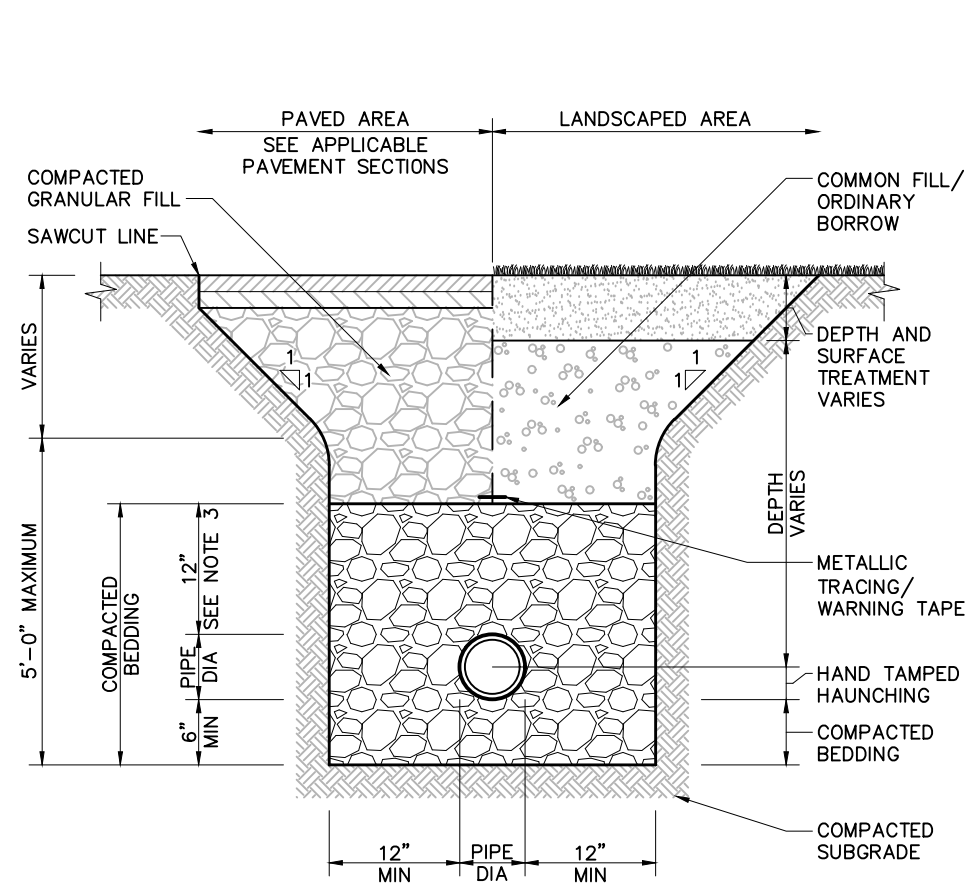
CONSTRUCTION NOTES

- PROVIDE BLOCKS FOR TAPPING SLEEVES, DEAD ENDS, GATE VALVES, AND VERTICAL BENDS - SAME SIZE AS REQUIRED FOR TEES. PROVIDE ANCHOR RODS AT VERTICAL BENDS AND GATE VALVES.
- CONCRETE SHALL NOT BE PLACED AGAINST PIPE BEYOND FITTING.
- CONCRETE SHALL BE 3000 PSI-TYPE I.

CONCRETE THRUST BLOCK

SCALE: N.T.S.

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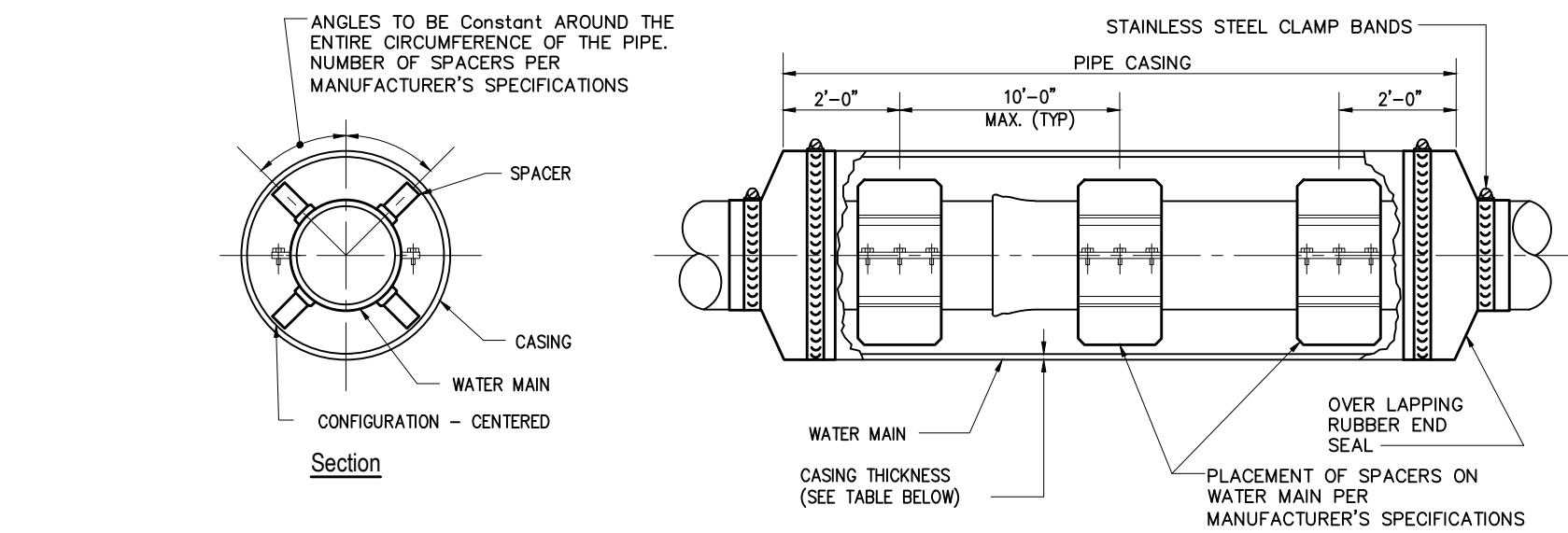
CONSTRUCTION NOTES

- WHERE UTILITY TRENCHES ARE CONSTRUCTED THROUGH DETENTION BASIN BERMS OR OTHER SUCH SPECIAL SECTIONS, PLACE TRENCH BACKFILL WITH MATERIALS SIMILAR TO THE SPECIAL SECTION REQUIREMENTS.
- USE METALLIC TRACING/WARNING TAPE OVER ALL PIPES.
- FOR HIGH DENSITY POLYETHYLENE (HDPE) PIPE, DIMENSION IS 24 INCHES.

UTILITY TRENCH

SCALE: N.T.S.

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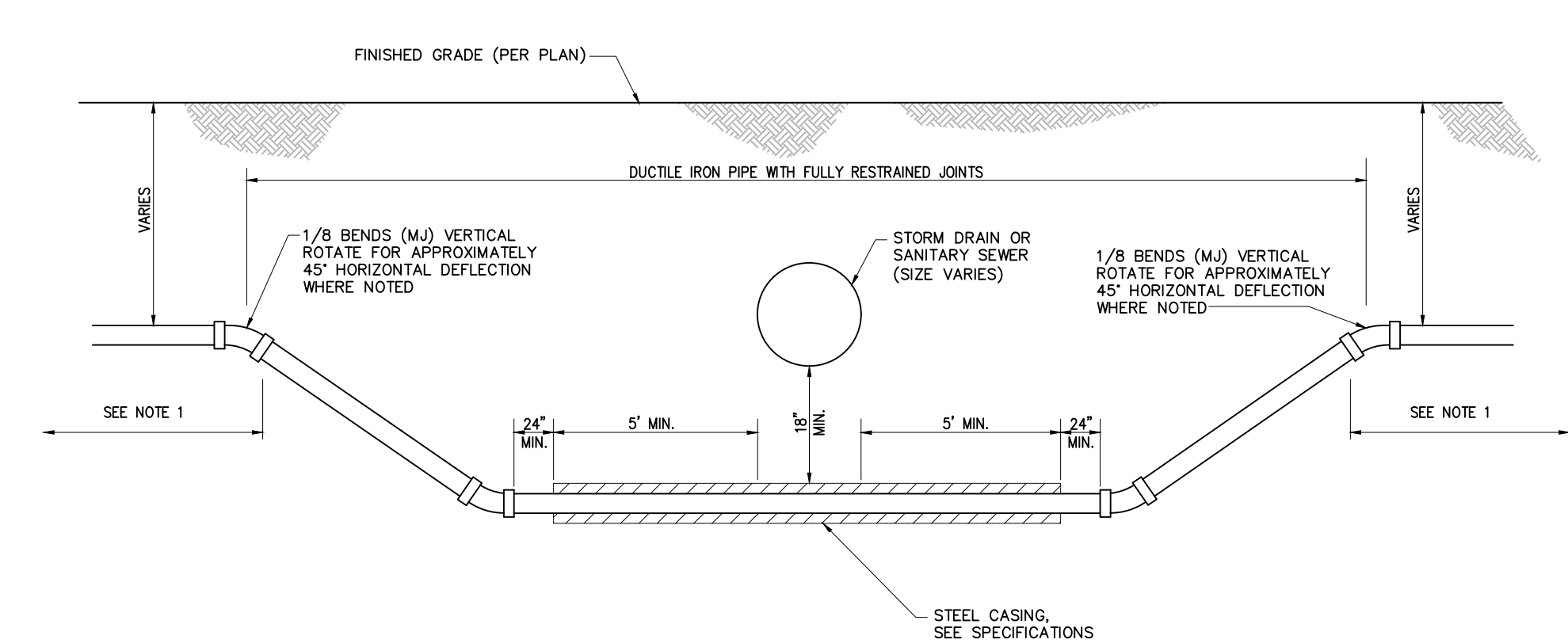
CONSTRUCTION NOTES

- STEEL PIPE CASING SHALL CONFORM TO THE REQUIREMENTS OF ASTM A283, GRADE B, C OR D. ALL JOINTS SHALL BE WELDED. INTERIOR JOINTS SHALL BE GROUNDED TO A SMOOTH FINISH. ALL WELDING SHALL BE PERFORMED IN ACCORDANCE WITH AWWA C206, "AWWA STANDARD FOR FIELD WELDING OF STEEL WATER PIPE." COATINGS FOR STEEL CASING ARE NOT REQUIRED.
- STEEL PIPE CASING SHALL BE INSTALLED SYMMETRICAL ABOUT WATER MAIN CENTERLINE (TYP). PIPE CASING SHALL BE LAID TRUE TO LINE AND GRADE WITH NO BENDS OR CHANGES IN GRADE FOR THE FULL LENGTH OF THE CASING.
- APPROVED CASING SPACERS AND END SEALS SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS. USE A "CENTERED" CONFIGURATION AND PROVIDE THE MANUFACTURER WITH THE FOLLOWING: (PIPE OD, CASING ID, AND CASING LENGTH).
- ALL PIPE JOINTS WITHIN THE CASING ARE TO BE EXTERNALLY RESTRAINED.
- CASING TO BE FILLED (IF REQUIRED). SEE SPECIFICATIONS FOR FILL MATERIALS AND ADDITIONAL REQUIREMENTS.

WATER SERVICE STEEL CASING INSTALLATION

SCALE: N.T.S.

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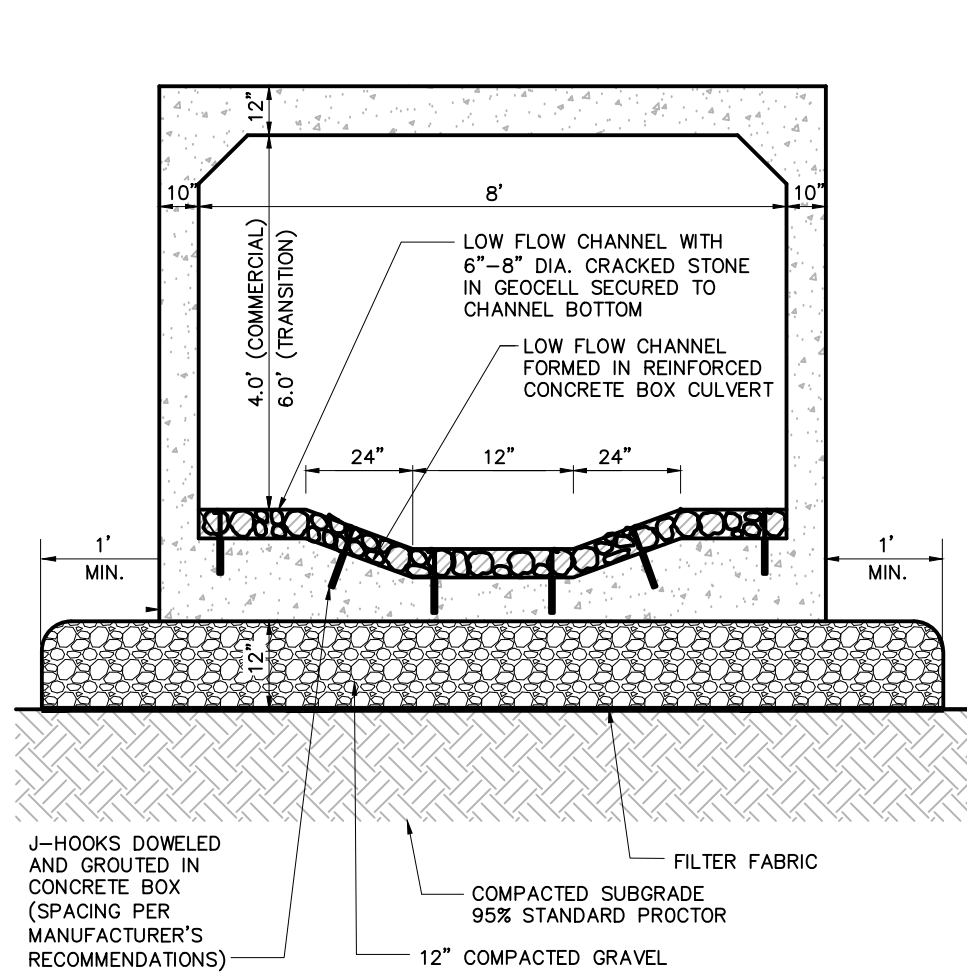
CONSTRUCTION NOTES

- PROVIDE LENGTH OF RESTRAINED JOINTS PAST 1/8 BEND.
- IDENTIFY TRANSITION FROM DUCTILE PIPE ON PLANS IF PIPE MATERIAL CHANGES.
- SEE SPECIFICATIONS FOR TRENCH BACKFILL REQUIREMENTS.

WATER MAIN CROSSING BENEATH STORM DRAIN OR SEWER

SCALE: N.T.S.

DWG#



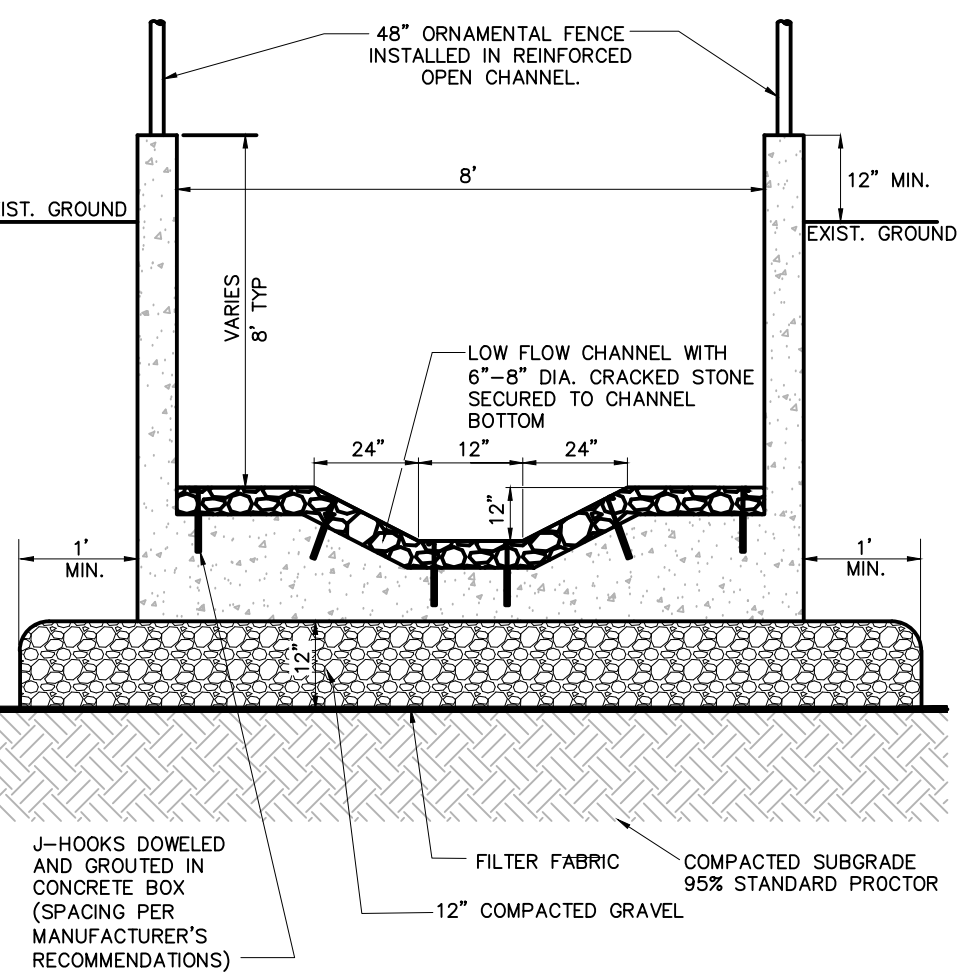
CONSTRUCTION NOTES

- ALL UNSUITABLE MATERIALS ENCOUNTERED DURING EXCAVATION ARE TO BE REMOVED.
- REFER TO MANUFACTURER'S DRAWINGS AND SPECIFICATIONS FOR STRUCTURAL DESIGN OF CULVERT.

TYPICAL CULVERT CROSS SECTION

SCALE: N.T.S.

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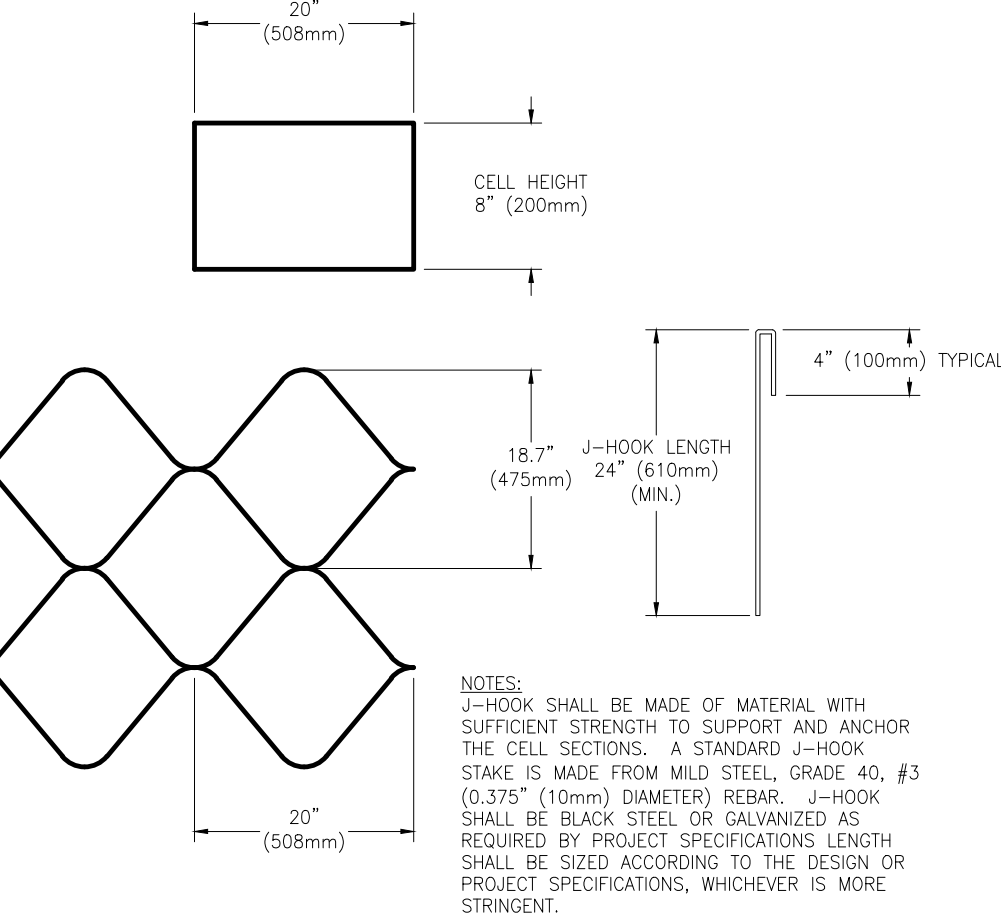
CONSTRUCTION NOTES

- ALL UNSUITABLE MATERIALS ENCOUNTERED DURING EXCAVATION ARE TO BE REMOVED.
- REFER TO MANUFACTURER'S DRAWINGS AND SPECIFICATIONS FOR STRUCTURAL DESIGN OF CULVERT.

TYPICAL OPEN CHANNEL CROSS SECTION

SCALE: N.T.S.

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STRATAWEB 712 DETAIL

N.T.S.

TYPICAL J-HOOK DETAIL

N.T.S.

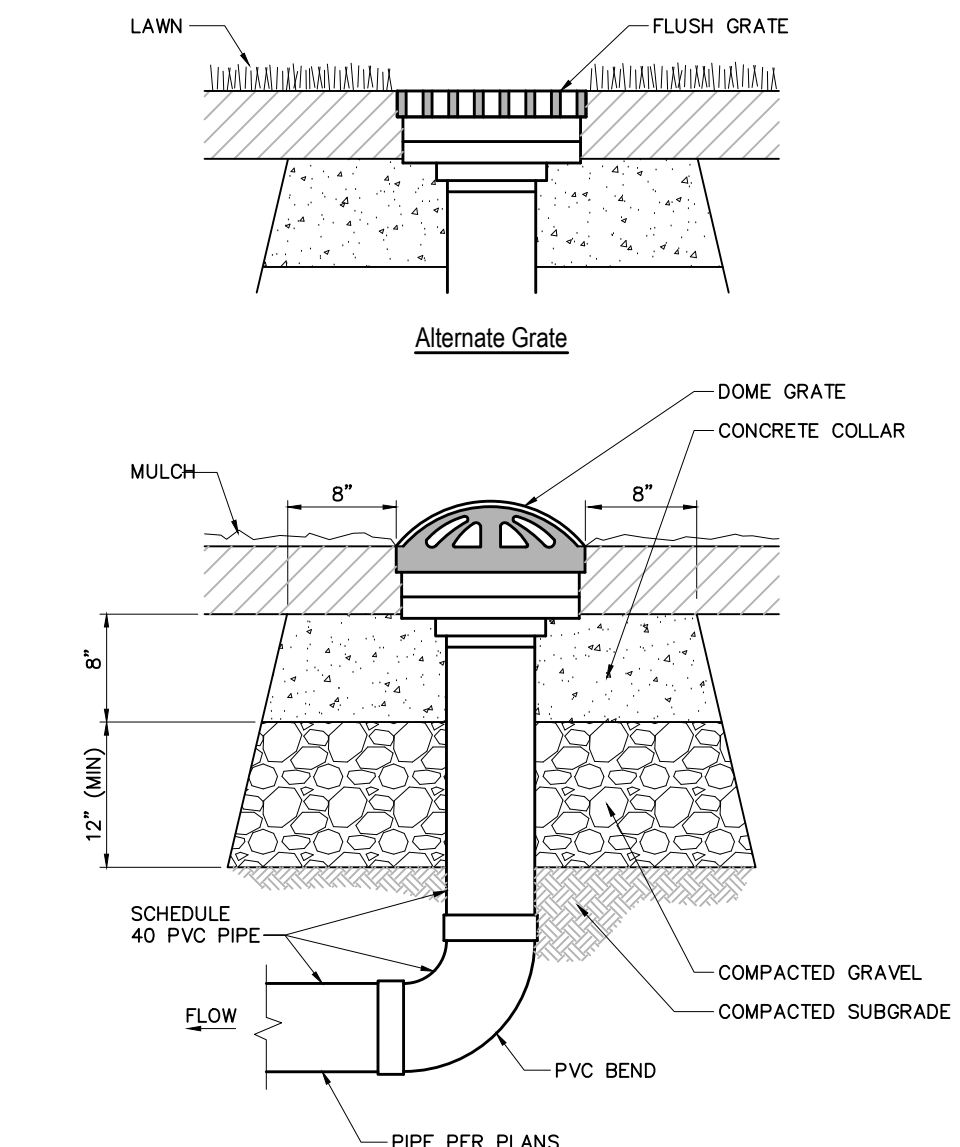


STONE GEOCELL

SCALE: N.T.S.

(DETAIL PROVIDED BY MANUFACTURER)

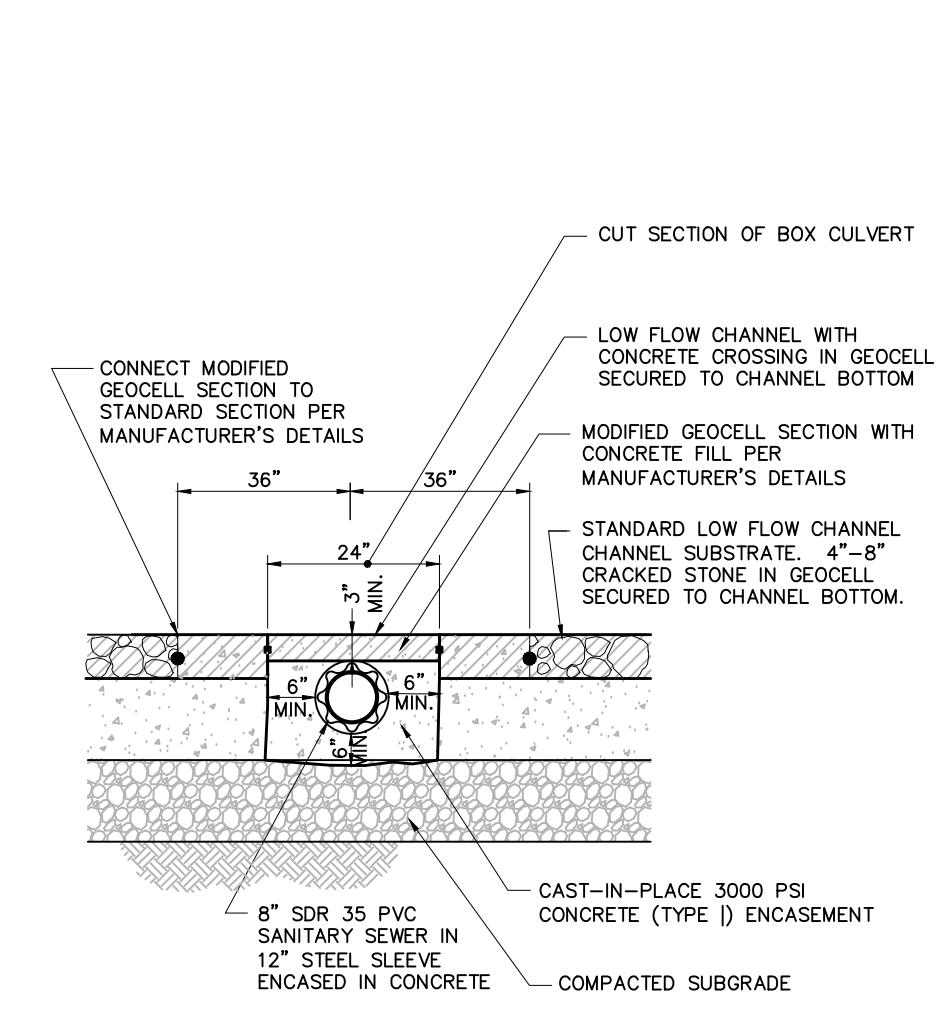
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AREA DRAIN

SCALE: N.T.S.

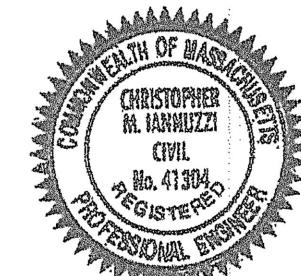
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SANITARY SEWER CULVERT CROSSING

SCALE: N.T.S.

C-5



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SUBMITTALS

NO.	DATE	DESCRIPTION	BY
1	7/26/2017	AGENCY COMMENTS	JLS

DATE:
May 18, 2017

PROJECT NUMBER:
1616000008

PROJECT TITLE:

Smelt Brook Daylighting

Weymouth Landing
Weymouth, Massachusetts 02188
Norfolk County

ISSUED FOR:

Notice of Intent
(NOT FOR CONSTRUCTION)

SHEET TITLE:

Site Details 2

SCALE:

N.T.S.

DESIGNED BY:

JLS

CHECKED BY:

CM

SHEET NO:

C-10