REFERENCE

- PROJECT LOCATION: NEWTON CENTER FOR ACTIVE LIVING, 345 WALNUT STREET, NEWTON, MASSACHUSETTS 02460. ASSESSOR'S MAP 24, LOT 1.
- 2. EXISTING CONDITIONS MAPPING TAKEN FROM PLAN ENTITLED "BOUNDARY, TOPOGRAPHIC, & UTILITY SURVEY" PREPARED BY CONTROL POINT ASSOCIATES, INC., DATED SEPTEMBER 25, 2020

GENERAL NOTES

- THE COMMONWEALTH OF MASSACHUSETTS STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGE CONSTRUCTION, 2021 EDITION OR LATEST REVISION, AND THE MASSACHUSETTS DEPARTMENT OF TRANSPORTATION CONSTRUCTION STANDARD DETAILS ARE MADE A PART HEREOF AS FULLY AND COMPLETELY AS IF ATTACHED HERETO. ALL WORK SHALL MEET OR EXCEED THE MASSACHUSETTS STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION, WITH LATEST REVISIONS. THE LATEST REVISION OF THE STANDARD SPECIFICATIONS MAY BE OBTAINED AT THE MASSACHUSETTS DEPARTMENT OF TRANSPORTATION.
- THE CONTRACTOR SHALL MAKE ALL NECESSARY CONSTRUCTION NOTIFICATIONS AND APPLY FOR AND OBTAIN ALL NECESSARY 2. CONSTRUCTION PERMITS, PAY ALL FEES AND POST ALL BONDS ASSOCIATED WITH THE SAME, AND COORDINATE WITH THE ENGINEER AND OWNER'S REPRESENTATIVE AS REQUIRED.
- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOB SITE SAFETY. THE CONTRACTOR SHALL PROVIDE TEMPORARY FENCING 3. AND/OR BARRIERS AROUND ALL OPEN EXCAVATED AREAS IN ACCORDANCE WITH OSHA FEDERAL, STATE, AND LOCAL REQUIREMENTS.
- 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. NO FIELD ADJUSTMENTS IN THE LOCATION OF SITE ELEMENTS SHALL BE MADE WITHOUT THE ENGINEERS APPROVAL.
- 5. IF ANY DEVIATION OR ALTERATION OF THE WORK PROPOSED ON THESE DRAWINGS IS REQUIRED, THE CONTRACTOR SHALL IMMEDIATELY CONTACT AND COORDINATE ANY DEVIATIONS WITH THE ENGINEER AND OWNER.
- 6. ANY AREA OUTSIDE OF THE LIMIT OF WORK THAT IS DISTURBED SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT NO ADDITIONAL COST TO THE OWNER.
- 7. ALL SITE WORK SHALL MEET OR EXCEED THE SITE WORK SPECIFICATIONS PREPARED FOR THIS PROJECT.
- 8. ALL SIGNS SHALL BE REFLECTORIZED TYPE III SHEETING AND CONFORM WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, LATEST REVISION.
- 9. ALL UTILITIES (LOCATION AND ELEVATION) DEPICTED SHALL BE CONSIDERED APPROXIMATE ONLY. BEFORE COMMENCING SITE WORK IN ANY AREA, CONTACT "DIG SAFE" AT 1-888-DIG-SAFE (1-888-344-7233) TO ACCURATELY LOCATE UNDERGROUND UTILITIES. ALL DAMAGE TO EXISTING UTILITIES OR STRUCTURES, AND THE COST TO REPAIR THE DAMAGES TO INITIAL CONDITIONS, AS SHOWN ON THE PLANS SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
- 10. NO EXCAVATION SHALL BE DONE UNTIL COMPANIES ARE PROPERLY NOTIFIED IN ADVANCE. NOTE THAT NOT ALL EXISTING UNDERGROUND UTILITIES ARE SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT ALL RESPECTIVE UTILITY COMPANIES TO VERIFY AND LOCATE EXISTING UTILITIES.
- 11. AS OF JANUARY 1, 2009, ALL TRENCH EXCAVATION CONTRACTORS SHALL COMPLY WITH MASSACHUSETTS GENERAL LAWS CHAPTER 82A, TRENCH EXCAVATION SAFETY REQUIREMENTS, TO PROTECT THE GENERAL PUBLIC FROM UNAUTHORIZED ACCESS TO UNATTENDED TRENCHES. TRENCH EXCAVATION PERMIT REQUIRED. THIS APPLIES TO ALL TRENCHES ON PUBLIC AND PRIVATE PROPERTY.
- 12. PRIOR TO OCCUPANCY PERMIT BEING ISSUED, AN AS-BUILT PLAN SHALL BE SUBMITTED TO THE ENGINEERING DIVISION IN BOTH DIGITAL FORMAT AND IN HARD COPY. THE PLAN SHOULD SHOW ALL UTILITIES AND FINAL GRADES, ANY EASEMENTS AND FINAL GRADING.
- 13. THE APPLICANT WILL HAVE TO APPLY FOR A STREET OPENING & UTILITIES CONNECTION PERMITS AS WELL AS A SIDEWALK CROSSING PERMIT WITH THE DPW.
- 14. CONTRACTOR SHALL PROVIDE A CONSTRUCTION MANAGEMENT PLAN FOR THIS PROJECT. AT A MINIMUM, IT MUST ADDRESS THE FOLLOWING: STAGING SITE FOR CONSTRUCTION EQUIPMENT, CONSTRUCTION MATERIALS, PARKING OF CONSTRUCTION WORKER'S VEHICLES, PHASING OF THE PROJECT WITH ANTICIPATED COMPLETION DATES AND MILESTONES, SAFETY PRECAUTIONS, EMERGENCY CONTACT PERSONNEL OF CONTRACTOR. IT SHALL ALSO ADDRESS ANY ANTICIPATED DEWATERING DURING CONSTRUCTION, SITE SAFETY & STABILITY, AND IMPACT TO ABUTTING PROPERTIES.

LAYOUT NOTES

- 1. ALL LINES ARE PERPENDICULAR OR PARALLEL TO THE LINES FROM WHICH THEY ARE MEASURED UNLESS OTHERWISE INDICATED.
- 2 ACCESSIBLE RAMPS SHALL BE PER THE AMERICAN WITH DISABILITIES ACT (ADA) ACCESSIBILITY GUIDELINES AND CODE OF MASSACHUSETTS REGULATIONS (CMR) TITLE 521 OF THE ARCHITECTURAL ACCESS BOARD REGULATIONS.
- PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL PERFORM BENCHMARK FIELD LEVEL VERIFICATION AND COORDINATE LAYOUT 3. CHECK. THE CONTRACTOR SHALL CONTACT PARE CORPORATION IF ANY DISCREPANCIES ARE FOUND.
- 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.
- 5. ALIGN WALKWAYS ON DOORWAYS THEY SERVE TO PROVIDE MINIMUM REQUIRED MANEUVERING CLEARANCE IN ACCORDANCE WITH THE AMERICAN WITH DISABILITIES ACT (ADA) ACCESSIBILITY GUIDELINES AND CODE OF MASSACHUSETTS REGULATIONS (CMR) TITLE 521 OF THE ARCHITECTURAL ACCESS BOARD REGULATIONS.

DEMOLITION NOTES

- 1. THE CONTRACTOR SHALL COORDINATE ALL DEMOLITION OF STRUCTURES, PAVEMENT AND CONCRETE MATERIALS, AND UTILITIES WITH APPROPRIATE PROPOSED SITE GENERAL, GRADING, UTILITY, AND LANDSCAPING DRAWINGS.
- 2. ALL NOTED UTILITIES TO BE REMOVED AND DISPOSED OF, RELOCATED OR CAPPED REPRESENT ALL KNOWN SITE CONDITIONS TO BE DEMOLISHED. THE CONTRACTOR SHALL COORDINATE ALL UNFORESEEN CONDITIONS WITH THE PROJECT ENGINEER, OWNER AND/OR RESPECTIVE UTILITY COMPANIES PRIOR TO PROCEEDING WITH WORK.
- WATER, SEWER, DRAINAGE, GAS, AND OTHER SITE UTILITIES SERVICING THE EXISTING FACILITIES ARE TO REMAIN ACTIVE THROUGHOUT CONSTRUCTION.
- 4. THERE SHALL BE NO INTERRUPTION OF UTILITY SERVICES DURING THE CONSTRUCTION OPERATION WITHOUT APPROVAL OF THE OWNER.

<u>GR</u>	ADING AND UTILITY NOTES	ER	OSION AN
1.	UNDERGROUND UTILITIES DEPICTED WERE COMPILED FROM AVAILABLE RECORD PLANS AND SHALL BE CONSIDERED APPROXIMATE ONLY. BEFORE COMMENCING SITE WORK IN ANY AREA, CONTACT "DIG SAFE" AT 1-888-DIG-SAFE (1-888-344-7233) TO ACCURATELY LOCATE UNDERGROUND UTILITIES. ANY DAMAGE TO EXISTING UTILITIES OR STRUCTURES DEPICTED OR NOT DEPICTED ON THE PLANS SHALL BE THE CONTRACTOR'S RESPONSIBILITY. COSTS TO REPAIR SUCH DAMAGES SHALL BE THE CONTRACTOR'S RESPONSIBILITY. NO EXCAVATION SHALL BE DONE UNTIL UTILITY COMPANIES ARE PROPERLY NOTIFIED.	1. 2.	THE CONTR SEDIMENT (DISCHARGE THE CONTR
2.	ALL WORK PERFORMED AND ALL MATERIALS FURNISHED SHALL CONFORM WITH THE LINES AND GRADES ON THE PLANS AND SITE WORK SPECIFICATIONS.	3.	CONSTRUC
3.	AT ALL LOCATIONS. AT ALL LOCATIONS WHERE EXISTING CURBING OR PAVEMENT ABUT NEW CONSTRUCTION, THE EDGE OF THE EXISTING CURB OR PAVEMENT SHALL BE SAW CUT TO A CLEAN, SMOOTH EDGE. BLEND NEW PAVEMENT AND CURBS SMOOTHLY INTO EXISTING BY MATCHING LINES, GRADES AND JOINTS.	4.	WITH THE N SOIL EROSI EROSION AI
4.	ALL UTILITY COVERS, GRATES, ETC. SHALL BE ADJUSTED TO BE FLUSH WITH THE SURROUNDING SURFACE OR PAVEMENT FINISH GRADE. RIM ELEVATIONS OF STRUCTURES AND MANHOLES ARE APPROXIMATE. FINAL ELEVATIONS ARE TO BE SET FLUSH AND CONSISTENT WITH THE GRADING PLANS.	5.	IN THIS PLA THE EROSIC CONTROLS CONDITION
5.	THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS FOR THE ALTERATION OF PRIVATE UTILITIES BY THE UTILITY COMPANIES, AS REQUIRED.	6.	REQUIRED I
6.	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 SHALL BE PROVIDED ON A SKETCH TO SCALE OF THE EXISTING UTILITY WITH TIES TO KNOWN POINTS, PHOTOS AND FURNISHED TO THE ENGINEER FOR RESOLUTION.		INITIATING A REPRESEN ^T THE LIMIT C
7.	THE 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 SHALL BE RESTORED TO ORIGINAL CONDITION.	7.	AS FEASIBL ALL DISTUR COMPLETIC
8.	GAS, ELECTRIC, AND COMMUNICATIONS ROUTING ARE SUBJECT TO REVIEW AND APPROVAL BY APPROPRIATE UTILITY COMPANIES.	8.	THE CONTR WITH THE C
9.	DURING CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL PROTECT EXISTING UTILITIES BY PROVIDING TEMPORARY SUPPORTS OR SHEETING AS REQUIRED AT NO ADDITIONAL COST TO THE OWNER.	9.	EROSION AI AFTER EAC BARRIERS A
10.	ALL GRAVITY SANITARY PIPING SHALL BE SDR-35 PVC. ALL SEWER CONSTRUCTION SHALL CONFORM TO THE TOWN OF NEWTON UTILITIES DIVISION STANDARDS AND SPECIFICATIONS.	10.	CLEAN AND
11.	ALL WATER LINE BENDS AND TEES SHALL BE REINFORCED WITH THRUST BLOCKS. ALL WATER DISTRIBUTION PIPING AND FITTINGS MUST ADHERE TO THE TOWN OF NEWTON UTILITIES DIVISION STANDARDS AND SPECIFICATIONS AND SHALL BE INSPECTED BEFORE, DURING, AND AFTER CONSTRUCTION PRIOR TO TAPPING THE SERVICE MAIN.	11.	THE BARRIE DISPOSED I THE CONTR
12.	EXCAVATION REQUIRED WITHIN THE PROXIMITY OF EXISTING UTILITY LINES SHALL BE DONE BY HAND. CONTRACTOR SHALL REPAIR ANY		TIMES FOR
13.	DAMAGE TO EXISTING UTILITY LINES OR STRUCTURES INCURRED DURING CONSTRUCTION OPERATIONS AT NO COST TO THE OWNER. PITCH EVENLY BETWEEN SPOT GRADES. ALL PAVED AREAS MUST PITCH TO DRAIN AT A MIN. OF 1/8" PER FOOT UNLESS SPECIFIED.	12.	THE CONTR WITHOUT P PAVING. PR
14.	THE PROPOSED WALKWAYS SHALL HAVE A MAXIMUM CROSS SLOPE OF 2% AND A MAXIMUM RUNNING SLOPE OF 5% AS SHOWN ON	13.	SOIL AND O
15.	CONSTRUCTION DETAILS AND GRADING PLAN. THE NEW SEWER SERVICE AND/OR STRUCTURES SHALL BE PRESSURE TESTED OR VIDEOTAPED AFTER FINAL INSTALLATION IS COMPLETE.	14.	APPROPRIA CRUSHED S
101	METHOD OF FINAL INSPECTION SHALL BE DETERMINED SOLELY BY THE CONSTRUCTION INSPECTOR FROM THE CITY ENGINEERING DIVISION. THE SEWER SERVICE WILL NOT BE ACCEPTED UNTIL ONE OF THE TWO METHODS STATED ABOVE IS COMPLETED.	15.	TEMPORAR LOGS, OR S
16.	THE CONTRACTOR NEEDS TO NOTIFY THE ENGINEERING DIVISION 48-HOURS IN ADVANCE AND SCHEDULE AN APPOINTMENT TO HAVE THE DRAINAGE SYSTEM, WATER & SEWER SERVICES INSPECTED. THE SYSTEM & UTILITIES MUST BE FULLY EXPOSED FOR THE INSPECTOR. ONCE THE INSPECTOR IS SATISFIED, THE SYSTEM & UTILITIES MAY THEN BE BACK FILLED.	16.	TEMPORAR
17.	ALL NEW SEWER SERVICE AND/OR STRUCTURES SHALL BE PRESSURE TESTED OR VIDEOTAPED AFTER FINAL INSTALLATION IS COMPLETE. METHOD OF FINAL INSPECTION SHALL BE DETERMINED SOLELY BY THE CONSTRUCTION INSPECTOR FROM THE CITY ENGINEERING DIVISION. ALL SEWER MANHOLES SHALL BE VACUUM TESTED IN ACCORDANCE WITH THE CITY'S CONSTRUCTION STANDARDS & SPECIFICATIONS. THE	17.	DUST SHALI OWNER OR
	SEWER SERVICE WILL NOT BE ACCEPTED UNTIL ONE OF THE TWO METHODS STATED ABOVE IS COMPLETED. ALL TESTING MUST BE WITNESSED BY A REPRESENTATIVE OF THE ENGINEERING DIVISION. A CERTIFICATE OF OCCUPANCY WILL NOT BE RECOMMENDED UNTIL THIS TEST IS COMPLETED AND A WRITTEN REPORT IS RECEIVED BY THE CITY ENGINEER.	18.	CATCH BAS CONTRIBUT
18.	ALL SEWER MANHOLES SHALL BE VACUUM TESTED IN ACCORDANCE WITH THE CITY'S CONSTRUCTION STANDARDS & SPECIFICATIONS. THE SEWER SERVICE WILL NOT BE ACCEPTED UNTIL ONE OF THE TWO METHODS STATED ABOVE IS COMPLETED. ALL TESTING MUST BE	19.	DEWATERIN DISCHARGE
	WITNESSED BY A REPRESENTATIVE OF THE ENGINEERING DIVISION. A CERTIFICATE OF OCCUPANCY WILL NOT BE RECOMMENDED UNTIL THIS TEST IS COMPLETED AND A WRITTEN REPORT IS RECEIVED BY THE CITY ENGINEER.	20.	CONSTRUC
19.	FIRE FLOW TESTING IS REQUIRED FOR THE PROPOSED FIRE SUPPRESSION SYSTEM. THE APPLICANT MUST COORDINATE THIS TEST WITH BOTH THE NEWTON FIRE DEPARTMENT AND THE UTILITIES DIVISION; REPRESENTATIVES OF EACH DEPARTMENT SHALL WITNESS THE	21.	RIPRAP OR
	TESTING; TEST RESULTS SHALL BE SUBMITTED IN A WRITE REPORT. HYDRAULIC CALCULATION SHALL BE SUBMITTED TO THE NEWTON FIRE DEPARTMENT FOR APPROVAL.	22.	ANY EQUIPI DISTURBAN ONGOING C
20.	ALL WATER CONNECTIONS SHALL BE CHLORINATED & PRESSURE TESTED IN ACCORDANCE WITH AWWA AND THE CITY OF NEWTON CONSTRUCTION STANDARDS AND SPECIFICATIONS PRIOR TO OPENING THE CONNECTION TO EXISTING PIPES.	23.	NEWLY VEG STABLE VEG
21.	FINALIZED UTILITY CONNECTION PLAN REFLECTING THE ABOVE CHANGES THAT MEETS THE MINIMAL DESIGN STANDARDS OF THE CITY OF NEWTON MUST BE SUBMITTED FOR APPROVAL BY THE CONTRACTOR OF RECORD WITH APPROPRIATE BONDS & INSURANCE. THE ENGINEERING DIVISION MAKES NO REPRESENTATIONS AND ASSUMES NO RESPONSIBILITY FOR THE DESIGN(S) IN TERMS OF SUITABILITY FOR	24.	THE CONTR CONTRIBUT
	THE PARTICULAR SITE CONDITIONS OR OF THE FUNCTIONABILITY OR PERFORMANCE OF ANY ITEMS CONSTRUCTED IN ACCORDANCE WITH THE DESIGN(S). THE CITY OF NEWTON ASSUMES NO LIABILITIES FOR DESIGN ASSUMPTION, ERROR OR OMISSIONS BY THE ENGINEER OF RECORD.	25.	ALL DRAINA PROJECT. T PROPERLY PRIOR TO A DISCHARGE

- 3

CONSTRUCTION NOTES - MASSDOT STANDARDS

(106.3.0) 107.6.0 (107.6.5)

AND SEDIMENTATION CONTROL NOTES - MASSACHUSETTES

TRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING AND MAINTAINING ALL TEMPORARY SOIL EROSION AND CONTROLS IN ACCORDANCE WITH THE ENVIRONMENTAL PROTECTION AGENCY'S (EPA) NATIONAL POLLUTANT GE ELIMINATION SYSTEM (NPDES) CONSTRUCTION GENERAL PERMIT (CGP) AND THE CONTRACT DOCUMENTS.

TRACTOR SHALL PREPARE AND SUBMIT A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) PRIOR TO JCTION.

TRACTOR SHALL PREPARE AND SUBMIT AN ELECTRONIC NOTICE OF INTENT (eNOI) WITH THE EPA IN ACCORDANCE ENDPES PERMIT REQUIREMENTS PRIOR TO CONSTRUCTION.

SION AND SEDIMENTATION CONTROLS SHALL BE PROVIDED IN ACCORDANCE WITH THE "MASSACHUSETTS AND SEDIMENT CONTROL GUIDELINES FOR URBAN AND SUBURBAN AREAS" AND THE NOTES AND DETAILS SHOWN LAN SET.

SION AND SEDIMENTATION CONTROLS SHOWN ON THE PLANS ARE INTENDED TO REPRESENT THE MINIMUM LS NECESSARY TO MEET ANTICIPATED SITE CONDITIONS. ADDITIONAL MEASURES SHALL BE IMPLEMENTED AS INS WARRANT OR AS DIRECTED BY THE OWNER OR OWNER'S REPRESENTATIVE.

D PERIMETER CONTROL SHALL BE PROPERLY ESTABLISHED, CLEARLY VISIBLE AND IN OPERATION PRIOR TO G ANY LAND CLEARING ACTIVITY AND/OR OTHER CONSTRUCTION RELATED WORK. SUCH FACILITIES SHALL INT THE LIMIT OF WORK. WORKERS SHALL BE INFORMED THAT NO CONSTRUCTION ACTIVITY IS TO OCCUR BEYOND OF WORK AT ANY TIME THROUGHOUT THE CONSTRUCTION PERIOD.

BLE, CONSTRUCTION SHALL BE PHASED TO LIMIT THE AREA OF EXPOSED SOIL AND THE DURATION OF EXPOSURE. JRBED AREAS SHALL BE TEMPORARILY AND/OR PERMANENTLY STABILIZED WITHIN 14 DAYS FOLLOWING ION OF GRADING ACTIVITIES.

TRACTOR SHALL INSPECT AND MAINTAIN ALL EROSION AND SEDIMENTATION CONTROL MEASURES IN ACCORDANCE CONTRACT DOCUMENTS.

AND SEDIMENTATION CONTROL MEASURES SHALL BE INSPECTED AND MAINTAINED ON A WEEKLY BASIS AND ACH STORM EVENT OF 0.25 INCH OR GREATER DURING CONSTRUCTION TO ENSURE THAT THE EROSION CONTROL SARE INTACT.

ND MAINTAIN SEDIMENTATION CONTROL BARRIERS WHEN SEDIMENT ACCUMULATES TO ONE HALF THE HEIGHT OF RIER. MATERIAL COLLECTED FROM THE SEDIMENTATION BARRIER SHALL BE REMOVED AS NECESSARY AND O IN AN UPLAND AREA.

TRACTOR SHALL MAINTAIN A SUFFICIENT RESERVE OF VARIOUS EROSION CONTROL MATERIALS ONSITE AT ALL R EMERGENCY PURPOSES OR ROUTINE MAINTENANCE.

TRACTOR SHALL SCHEDULE HIS WORK TO ALLOW THE FINISHED SUB GRADE ELEVATIONS TO DRAIN PROPERLY PUDDLING. SPECIFICALLY, ALLOW WATER TO ESCAPE WHERE PROPOSED CURB MAY RETAIN RUNOFF PRIOR TO PROVIDE TEMPORARY POSITIVE DRAINAGE, AS REQUIRED, TO STABILIZED DISCHARGE POINTS.

OTHER MATERIALS RESULTING FROM SITE CLEARING MAY BE RECYCLED AND/OR REUSED ON THE SITE AS RIATE. WASTE MATERIALS SHALL BE REMOVED FROM THE SITE.

) STONE CONSTRUCTION ENTRANCES SHALL BE ESTABLISHED AT ALL POINTS OF INGRESS AND EGRESS.

ARY DIVERSIONS (TD) MAY CONSIST OF A DITCH OR SWALE, OR MAY BE ACHIEVED USING WOOD CHIP PILES, COIR SIMILAR MATERIALS.

ARY SEDIMENT TRAPS (TST) AND TEMPORARY SWALES (TS) SHALL BE SIZED BY THE CONTRACTOR USING THE ERS CONTAINED IN THE MASSACHUSETTS EROSION AND SEDIMENT CONTROL GUIDELINES.

ALL BE CONTROLLED BY SPRINKLING OR OTHER APPROVED METHODS AS NECESSARY, OR AS DIRECTED BY THE OR OWNER'S REPRESENTATIVE.

ASINS AND STORM DRAINS SHALL BE PROTECTED WITH HAY BALES OR SEDIMENT BAGS IN PAVED AREAS UNTIL UTING AREA IS PERMANENTLY STABILIZED.

RING WASTEWATER PUMPED FROM EXCAVATIONS SHALL BE CONVEYED BY HOSE TO AN UPLAND AREA AND GED INTO A DEWATERING BASIN, HAY BALE CORRALS, OR SEDIMENTATION BAGS.

JCTION SITE WASTE MATERIALS SHALL BE PROPERLY CONTAINED ONSITE AND DISPOSED OFF SITE AT A LOCATION DANCE WITH THE LOCAL AND STATE REGULATIONS

R OTHER ENERGY DISSIPATERS SHALL BE USED WHERE NECESSARY TO CONTROL EROSION.

IPMENT THAT IS NOT READILY MOBILE (TRACK MACHINERY) SHALL BE PARKED WITHIN THE PROJECT LIMIT OF ANCE. LARGE AND/OR BULKY MATERIALS SHALL BE STORED SUCH THAT THEY DO NOT INTERFERE WITH THE CONSTRUCTION ACTIVITIES OR EROSION CONTROL MEASURES.

EGETATED AREAS SHALL BE REGULARLY INSPECTED AND MAINTAINED TO ENSURE THE ESTABLISHMENT OF 'EGETATED SURFACES.

TRACTOR SHALL NOT REMOVE ANY COMPOST FILTER SOCKS OR OTHER EROSION CONTROLS UNTIL THE UTING AREA IS PERMANENTLY STABILIZED.

NAGE STRUCTURES SHALL BE CLEARED OF ACCUMULATED SEDIMENT PRIOR TO ACCEPTANCE OF THE FINAL . THE CONTRACTOR SHALL SCHEDULE HIS WORK TO ALLOW THE FINISHED SUB GRADE ELEVATIONS TO DRAIN LY WITHOUT PONDING. SPECIFICALLY, ALLOW WATER TO ESCAPE WHERE PROPOSED CURB MAY RETAIN RUNOFF APPLICATION OF SURFACE PAVING. PROVIDE TEMPORARY POSITIVE DRAINAGE, AS REQUIRED, TO STABILIZED GE POINTS.

26. INSTALLATION OF THE EROSION CONTROL BARRIERS AS ILLUSTRATED IS INTENDED TO REPRESENT THE MINIMUM SEDIMENTATION CONTROL FACILITIES NECESSARY TO MEET ANTICIPATED SITE CONDITIONS. ADDITIONAL EROSION CONTROL MEASURES SHALL BE IMPLEMENTED AS CONDITIONS WARRANT OR AS DIRECTED BY THE OWNER OR OWNER'S REPRESENTATIVE.

27. ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 14 DAYS UPON COMPLETION OF WORK IN THAT AREA.

STATE RIGHT-OF-WAY NOTES

1. ALL WORK TO BE PERFORMED WITHIN THE COMMON WEALTH OF MASSACHUSETTS PUBLIC RIGHT-OF-WAY (ROW) SHALL CONFORM TO THE MASSDOT STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGE CONSTRUCTION, 1988 EDITION OR LATEST REVISION, AND THE MASSACHUSETTS DEPARTMENT OF TRANSPORTATION CONSTRUCTION STANDARD DETAILS.

THE CONTRACTOR SHALL APPLY FOR AND OBTAIN A UTILITY PERMIT FROM THE MASSDOT FOR UTILITY WORK WITHIN THE PUBLIC ROW AND MAKE ALL NECESSARY CONSTRUCTION NOTIFICATIONS, PAY ALL FEES AND POST ALL BONDS ASSOCIATED WITH THE SAME, AND COORDINATE WITH THE ENGINEER AND OWNER'S REPRESENTATIVE AS REQUIRED.

THE CONTRACTOR SHALL PREPARE A TRANSPORTATION MANAGEMENT PLAN INCLUDING A TEMPORARY TRAFFIC CONTROL PLAN AS REQUIRED FOR THE MASSDOT UTILITY PERMIT APPLICATION AT NO ADDITIONAL EXPENSE TO THE OWNER.

4. ALL TEMPORARY TRAFFIC CONTROLS SHALL BE IN ACCORDANCE WITH THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), LATEST REVISION.

= METHOD OF SETTING VERTICAL CURB - M.A. STD. 106.3.0

= WHEELCHAIR RAMPS FOR ONE CONTINUOUS DIRECTION OF PEDESTRIAN TRAVEL - M.A. STD. 107.6.0

= DETECTABLE WARNING PANEL FOR WHEELCHAIR RAMPS - M.A. STD. 107.6.5

(201.4.0) = PRECAST CONCRETE CATCH BASIN - M.A. STD. 201.4.0

ARCHITEC1 bh+a

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PROJECT NAME

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CI IFNT City of Newton

PROJECT TEAM

CIVIL ENGINEER Pare Corporatior 0 Lincoln Rd, Suite 210 Foxboro, MA 02035 Tel: 508.543.1755

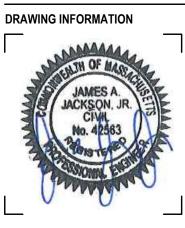
CIVIL ENGINEER Kyle Zick Landscape Architecture, Inc. 136 Bromfield St, Suite 202 Boston, MA 02108 Tel: 617.451.1018

REVISIONS

DATE

DRAWING TITLE

NOTES



e Plan Approva Not to Scale

DRAWING NUMBER

FILE NAME

GENERAL	
AADT	ANNUAL AVERAGE DAILY TRAFFIC
ABAN	ABANDON
ADA	AMERICANS WITH DISABILITIES ACT
ADD	ADJUST
APPROX	
AC ACCM PIPE	ASPHALT CONCRETE ASPHALT COATED CORRUGATED METAL PIPE
ASSF	AREA SUBJECT TO STORM FLOWAGE
ATD	ASPHALT TURNDOWN (SEE DETAIL)
ATG	ADJUST TO GRADE
BB	BITUMINOUS BERM
BC	BOTTOM OF CURB (FINISHED GRADE ON LOW SIDE OF CURB)
BD	BOUND
BIT	BITUMINOUS
BL	BASELINE
BLDG	BUILDING
BM	BENCHMARK
BMP	BEST MANAGEMENT PRACTICE
BO	BY OTHERS
BOL	BOLLARD
BOS	BOTTOM OF SLOPE
BOT	BOTTOM
BPM	BLACKOUT PAVEMENT MARKING
BR	BRIDGE
BS	BOTTOM OF STAIR (FINISHED GRADE AT BOTTOM STAIR)
BW	BOTTOM OF WALL (FINISHED GRADE ON LOW SIDE OF WALL)
BWL	BROKEN WHITE LINE
BYL	BROKEN YELLOW LINE
C=	CURVE LENGTH
CB	CATCH BASIN
CBCI	CATCH BASIN WITH CURB INLET
CC	CEMENT CONCRETE
ССМ	CEMENT CONCRETE MASONRY
CCW	CEMENT CONCRETE WALK
CD	CHECK DAM (SEE DETAIL)
CE	CONSTRUCTION ENTRANCE
CEM	CEMENT
CFS	COMPOST FILTER SOCK (SEE DETAIL)
CG	CLEAR AND GRUB VEGETATION
СН	CHORD LENGTH
CI	CURB INLET
CIP	CAST IRON PIPE
CL	CENTERLINE
CLDI	CEMENT-LINED DUCTILE IRON
CLF	CHAIN LINK FENCE
CLSM	CONTROLLED LOW STRENGTH MATERIAL
CLR	CLEAR
CLS	CLASS
CM	SAWCUT AND MATCH
CMP	
CO	CLEANOUT
CONC	
CONT	CONTINUOUS
CONST CMR	CONSTRUCTION CODE OF MASSACHUSETTS REGULATIONS
CMIK	CODE OF MASSACHUSETTS REGULATIONS CONCRETE PAD
CP CR GR	CONCRETE PAD CROWN GRADE
CRW	CROSSWALK (SEE DETAIL)
CSP	CORRUGATED STEEL PIPE
CSF	CONCRETE STAIRS (SEE DETAIL)
CTE	CONNECT TO EXISTING
CW	CROSSWALK (SEE DETAIL)
DEMO	DEMOLITION
DEMO	DETECTABLE
DET	DESIGN HOURLY VOLUME
DI	DROP INLET
DIA	DIAMETER
DIP	DUCTILE IRON PIPE
DIV	DIVERSION
DMH	DRAIN MANHOLE
DTP	DRIPLINE TREE PROTECTION
DWL	DOTTED WHITE LINE
DWLEx	DOTTED WHITE LINE EXTENSION
DBWL	DOUBLE WHITE LINE
DWP	DETECTABLE WARNING PAVER (SEE DETAIL)
DYL	DOTTED YELLOW LINE
DYLEx	DOTTED YELLOW LINE EXTENSION
	DOUBLE YELLOW LINE
DBYL	STEADY DON'T WALK - PORTLAND ORANGE
DBYL DW	
	DOTTED WHITE LINE
DW	DOTTED WHITE LINE DRIVEWAY
DW DWL	
DW DWL DWY	DRIVEWAY

EOP ETR	EDGE OF PAVEMENT EXISTING TO REMAIN. PROTECT DURING CONSTRUCTION.	RA RCP	RAILING REINFORCED CONCRETE PIPE		LEGEND	
		RDWY	REINFORCED CONCRETE PIPE ROADWAY	EXISTING		PROPOSED
EXIST (or EX)	EXISTING	REM	REMOVE		PROPERTY LINE	
EXC	EXCAVATION	RET	RETAIN			
F&C	FRAME AND COVER	RET WALL	RETAINING WALL		SETBACKS	
F&G FDN	FRAME AND GRATE FOUNDATION	RRLS ROW	RIPRAP LEVEL SPREADER (SEE DETAIL)		EASEMENT LINE	
FES	FLARED END SECTION	ROW	RIGHT OF WAY RAILROAD	<i>255</i>	CONTOUR	
FFE	FINISH FLOOR ELEVATION	RRS	RIPRAP SLOPE (SEE DETAIL)	Y		× (261.5)
FLDSTN	FIELDSTONE	RS	RIPRAP SPILLWAY (SEE DETAIL)	X 407.5	SPOT ELEVATION	× (201.5)
FND	FOUND FOOT	RT	RIGHT	DDD	DRAINAGE LINE	DDD
FT GAR	GARAGE	RTAD	REFER TO ARCHITECTURAL DRAWINGS	WWW	WATER LINE	www
GD	GROUND	RTED RTFPD	REFER TO ELECTRICAL DRAWINGS REFER TO FIRE PROTECTION DRAWINGS			
GG	GAS GATE	RTLD	REFER TO LANDSCAPE DRAWINGS		FIRE WATER LINE	FWFW
GI	GUTTER INLET	RTMD	REFER TO MECHANICAL DRAWINGS	SSS	SANITARY SEWER LINE	sss
GIP GRAN	GALVANIZED IRON PIPE GRANITE	RTPD	REFER TO PLUMBING DRAWINGS	GGG	GAS LINE	GGG
GRAN	GRAVEL	RTSD	REFER TO STRUCTURAL DRAWINGS			
GRD	GUARD	S SB	SLOPE SAND BAG EROSION CONTROL BARRIER (SEE DETAIL)	——————————————————————————————————————	ELECTRIC	——Е ——Е ——Е ——
GTD	GRADE TO DRAIN	SDR	STANDARD DIMENSIONAL RATIO	T T T	TELEPHONE LINE	TTTT
GV	GATE VALVE	SED	SEDIMENT			онw
HCPS	HANDICAP ACCESSIBLE PARKING SIGN (SEE DETAIL)	SESC	SOIL EROSION AND SEDIMENT CONTROL	OHW	OVERHEAD ELECTRIC LINE	on w
HDBC HDPE	HEAVY DUTY BITUMINOUS CONCRETE (SEE DETAIL) HIGH DENSITY POLYETHYLENE PIPE	SFL	STATE FREEWAY LINE		LIMIT OF DISTURBANCE	LOD
HDPE	HANDICAP ACCESSIBLE PARKING SIGN (SEE DETAIL)	SFCD	SEDIMENT FOREBAY CHECK DAM (SEE DETAIL)	LIMIT	OF DISTURBANCE/COMPOST FILTER SO	DCK LOD/CFS
HDW	HEADWALL	SG SHL	SWING GATE STATE HIGHWAY LINE			
HMA	HOT MIX ASPHALT	SHLD	SHOULDER		CATCH BASIN	
HMAW	HOT MIXED ASPHALT WALKWAY (SEE DETAIL)	SHLO	STATE HIGHWAY LAYOUT		HYDRANT	(ā)
HOR		SHP	HANDICAP PARKING PAVEMENT MARKING (SEE DETAIL)	\square	DRAINAGE MANHOLE	•
HPR HYD	HEADWALL PROTECTION RACK HYDRANT	SM	SEDIMENT MARKER			-
ID	INSIDE DIAMETER	SMH SSD	SEWER MANHOLE STOPPING SIGHT DISTANCE	S	SEWER MANHOLE	•
INV	INVERT	SSD	STOPPING SIGHT DISTANCE STREET		UTILITY POLE	
JCT	JUNCTION	STA	STATION	$\mathbb{W}\mathbb{V} \textcircled{\bullet} \mathbb{W}^{\mathbb{V}}$	WATER VALVE	M
L=	LENGTH OF CURVE	SW	SIDEWALK			~
LB LOD	LEACH BASIN LIMIT OF DISTURBANCE	SWL	SINGLE SOLID WHITE LINE	GG 🔘	GAS GATE	
LOD	LOW POINT	SWR SYL	SEWER SINGLE SOLID YELLOW LINE		LIGHT POLE	
LS	LOAM AND SEED (SEE DETAIL)	T	TANGENT DISTANCE OF CURVE/TRUCK %		TREE LINE	
LSOD	LOAM AND SOD (SEE DETAIL)	TAN	TANGENT			
LT	LEFT	TD	TEMPORARY DIVERSION	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	STONE WALL	
		TEMP	TEMPORARY	XXXX	CHAIN LINK FENCE	ooo
MAX MB	MAXIMUM MAILBOX	TC TD	TOP OF CURB TEMPORARY DIVERSION			
MCW	MONOLITHIC CONCRETE WALK	TDS	TEMPORARY DIVERSION TEMPORARY DIVERSION SWALE		CURBING	
MH	MANHOLE	TGP	TREE GROUP PROTECTION (SEE DETAIL)		EDGE OF PAVEMENT	
MHB	MASSACHUSETTS HIGHWAY BOUND	TIP	TEMPORARY INLET PROTECTION		SAWCUT LINE	
MIN	MINIMUM MONITORING	ТМН	TELEPHONE MANHOLE		SIGN	_
MON MUTCD	MONITORING MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION	TOS	TOP OF SLOPE			
NIC	NOT IN CONTRACT	TP TRAN	TEST PIT TRANSITION		COMPOST FILTER SOCK	
NO.	NUMBER	TRM	TURF REINFORCEMENT MAT		SAND BAGS	
NTS	NOT TO SCALE	TS	TOP OF STAIR (FINISHED GRADE OF TOP STAIR)		NO. OF PARKING SPACES	#
OCS OD	OUTLET CONTROL STRUCTURE OUTSIDE DIAMETER	TST	TEMPORARY SEDIMENT TRAP	— — — — WF A52 — — — WF A51 —	WETLAND EDGE	\bigcirc
OSHA	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION	TSW	TEMPORARY SWALE			
OWS	OIL WATER SEPARATOR	TW TYP	TOP OF WALL TYPICAL		50' PERIMETER WETLAND	
PC	POINT OF CURVATURE	UP	UTILITY POLE		200' RIVERBANK	
PCC		VAR	VARIES			
PCFES PDTC	PRECAST CONCRETE FLARED END SECTION PRECAST CONCRETE TRANSITION CURB	VERT	VERTICAL			
PHMA	PRECAST CONCRETE TRANSITION CORB POROUS HOT MIXED ASPHALT PAVEMENT (SEE DETAIL)	VC				
PCR	PEDESTRIAN CURB RAMP	VCC VCP	VERTICAL CONCRETE CURB VEHICULAR CONCRETE PAVEMENT			
PE	POLYETHYLENE	VFC	VITRIFIED CLAY			
PERF		VEG	VEGETATION			
P.G.L. Pl	PROFILE GRADE LINE POINT OF INTERSECTION	VEH				
PI	POINT OF INTERSECTION POINT ON CURVE	VFS VGC	VEGETATED FILTER STRIP VERTICAL GRANITE CURB			
POT	POINT ON TANGENT	VGC VGTC	VERTICAL GRANITE CURB VERTICAL GRANITE TRANSITION CURB			
PM	PAVEMENT MARKING	VLF	VINYL FENCE			
PRC	POINT OF REVERSE CURVATURE	w/	WITH			
PROJ PROP	PROJECT PROPOSED	WG	WATER GATE			
PSB	PLANTABLE SOIL BORROW	WIP				
PT	POINT OF TANGENCY	WM WMH	WATER METER/WATER MAIN WATER MANHOLE			
PVC	POINT OF VERTICAL CURVATURE	WPM	WATER MANHOLE WATER PAINT MARK			
PVCH		X-SECT	CROSS SECTION			
PVI PVT	POINT OF VERTICAL INTERSECTION POINT OF VERTICAL TANGENCY	YD	YARD DRAIN			
PVMT	PAVEMENT	4DY	4" DOUBLE YELLOW EPOXY RESIN PAVEMENT MARKING			
PWW	PAVED WATER WAY	4W 12W	4" SOLID WHITE EPOXY RESIN PAVEMENT MARKING 12" SOLID WHITE EPOXY RESIN PAVEMENT MARKING			
QPA	QUALIFYING PERVIOUS AREA	1 ∠ V V				
R&D	REMOVE AND DISPOSE					
R&R R&S	REMOVE AND RESET REMOVE AND STACK	MASSACH	HUSETTS ABBREVIATIONS			
R=X'	RADIUS					
		GENERAL				
		CMR	CODE OF MASSACHUSETTS REGULATIONS			

<u>GENERAL</u>	
CMR	CODE OF MASSACHUSETTS REGULATIONS
MASSDEP	MASSACHUSETTS DEPARTMENT OF ENVIRONMENTAL PROTECTION
MASSDOT	MASSACHUSETTS DEPARTMENT OF TRANSPORTATION
MA STD.	MASSACHUSETTS STANDARD

CLIENT City of Ne	wton
PROJECT TEAM CIVIL ENGINEER Pare Corporation 10 Lincoln Rd, Suite Foxboro, MA 02035 Tel: 508.543.1755	210
CIVIL ENGINEER Kyle Zick Landscape 136 Bromfield St, Su Boston, MA 02108 Tel: 617.451.1018	
REVISIONS	
	DATE
DRAWING TITLE	END
DRAWING INFORM	ATION
06/15/2022 DATE OF ISSUE	
Site Plan Approval	

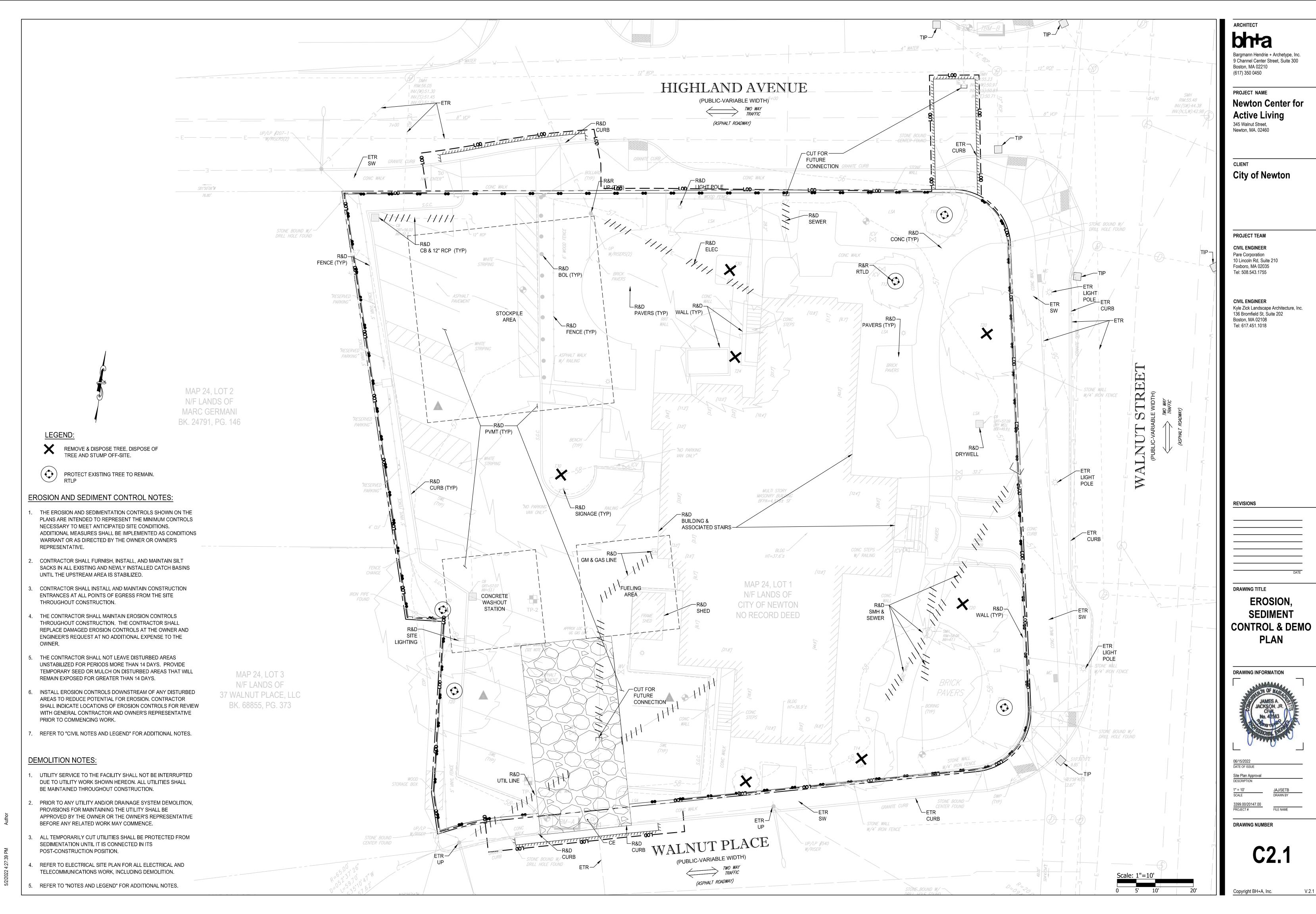
ARCHITECT

bhta

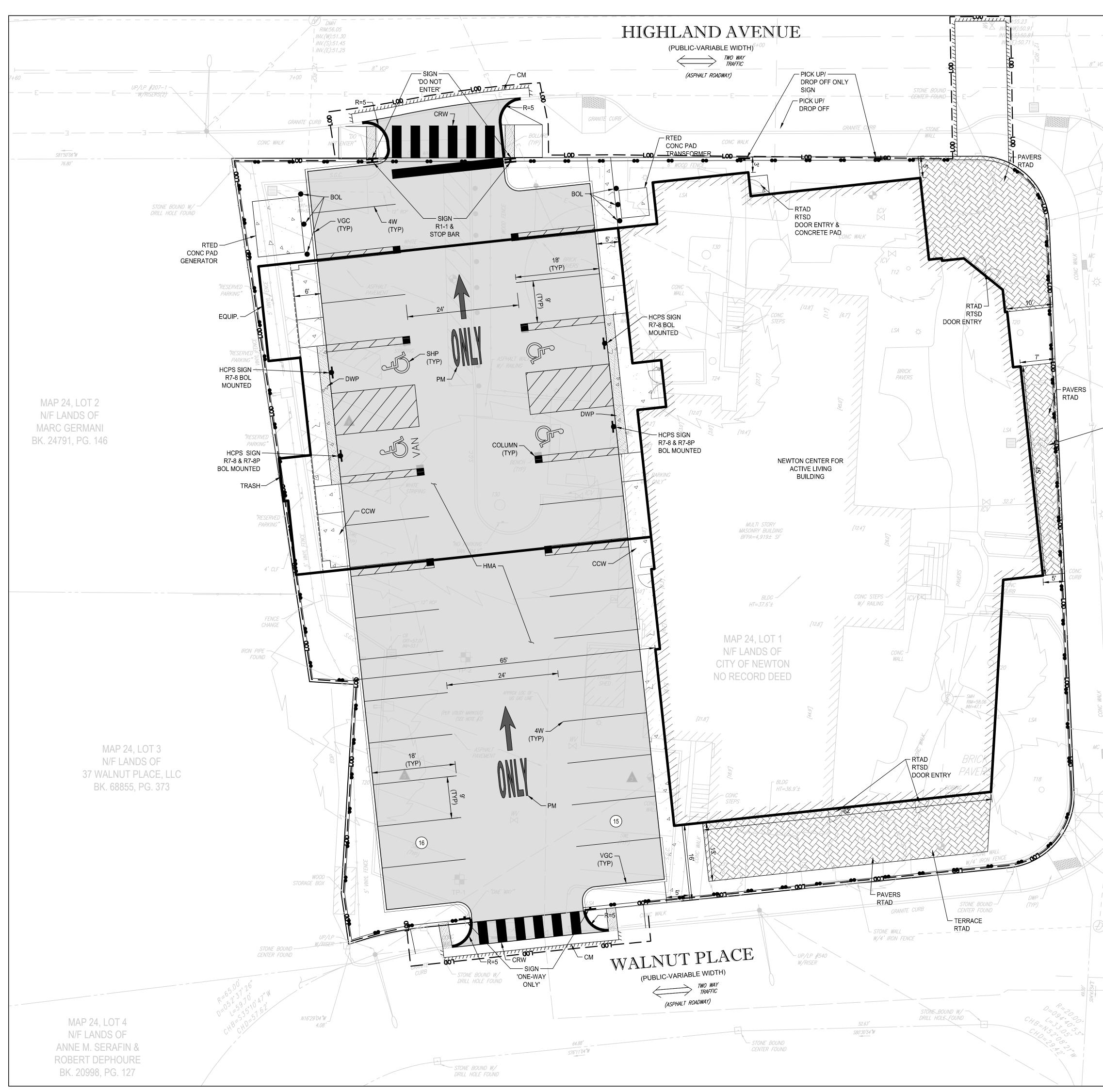
Bargmann Hendrie + Archetype, Inc. 9 Channel Center Street, Suite 300 Boston, MA 02210 (617) 350 0450

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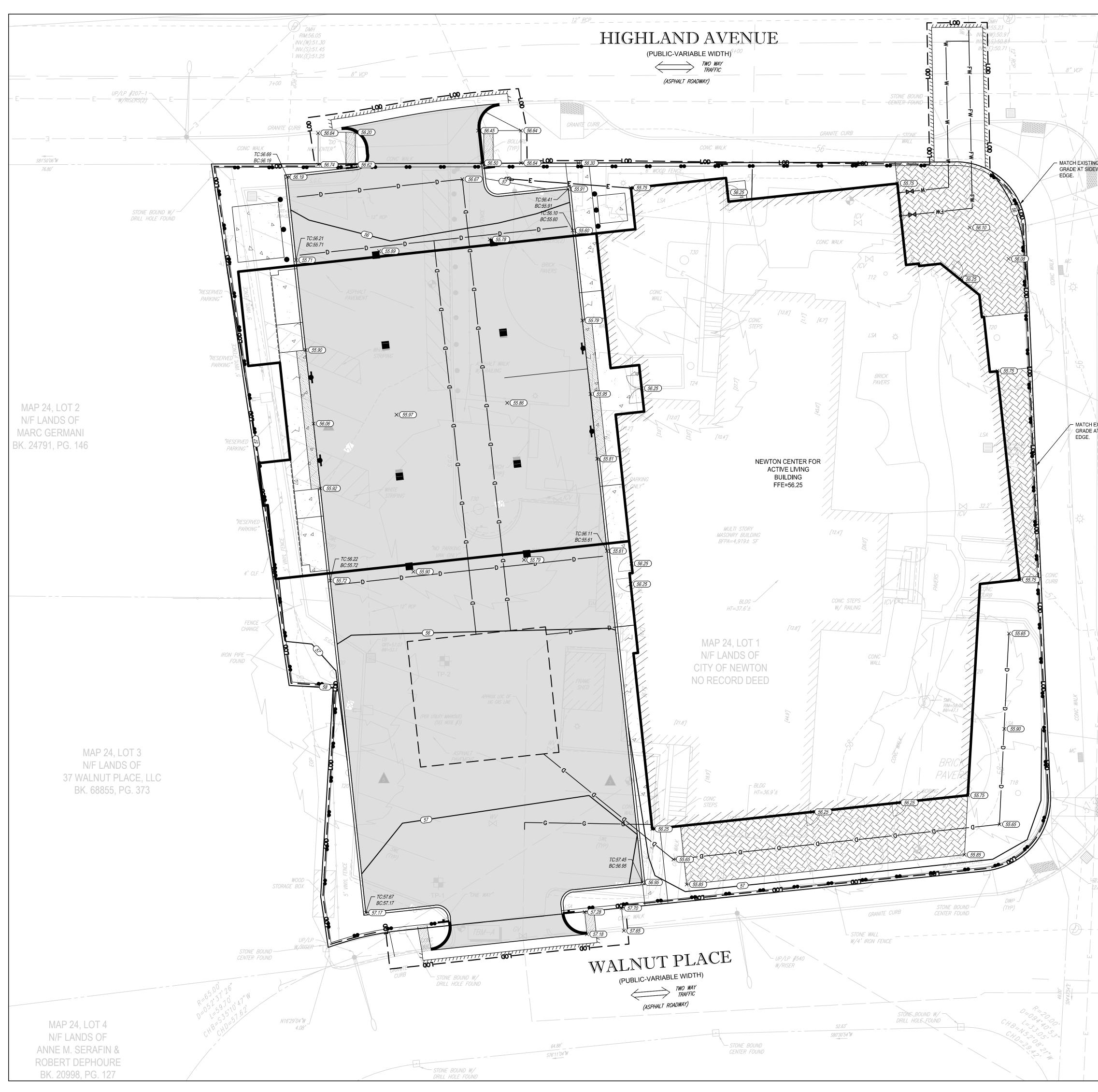
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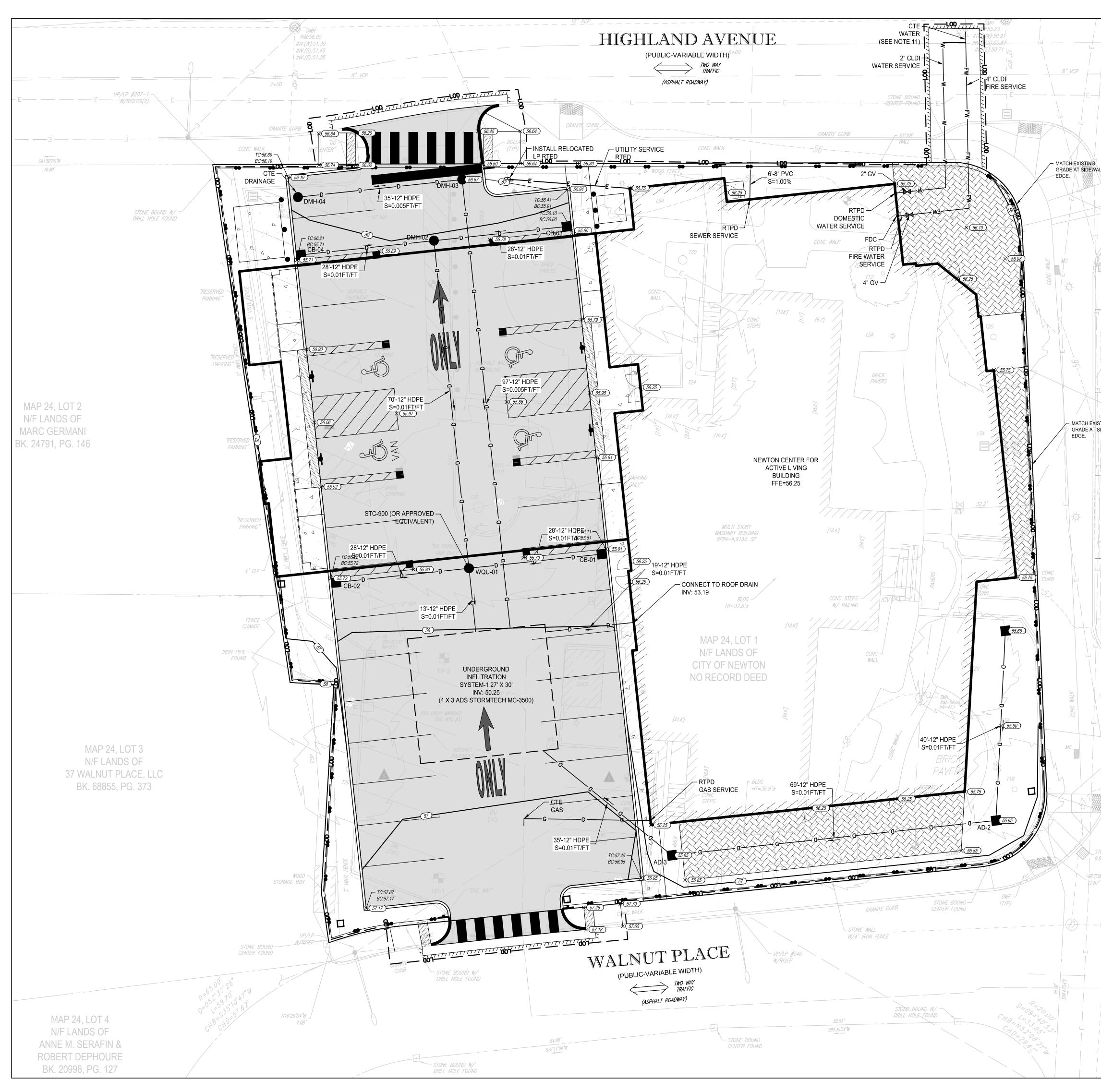


				ARCHITECT
Lu L	ZON	ING TABLE		bhta
NV.(5 NV.(1,	EXISTING ZONE:		PUBLIC USE	Bargmann Hendrie + Archetype, Inc. 9 Channel Center Street, Suite 300
	TOTAL LOT AREA AP 24 LOT 1	= 0.602± ACRES		Boston, MA 02210 (617) 350 0450
	EXISTING USE: OFFICE	PROPOSED US	E:	
		REQUIRED	PROVIDED	PROJECT NAME Newton Center for
	BUILDING SETBACK			Active Living
	FRONT SETBACK SIDE SETBACK	25 FT 10 FT	5 FT 3 FT	345 Walnut Street, Newton, MA. 02460
	REAR SETBACK	6 FT	65 FT	
	MAX. BUILDING HEIGHT MIN. FRONTAGE	40 FT 150 FT	<40 FT 188 FT ±	CLIENT
STONE BOUND W/	MIN. LOT AREA	60,000 SF	26,223 SF	City of Newton
STONE WALL STONE WALL W/4' IRON FENCE TERRACE RTAD (POBILIC-VARIABLE WIDTH) (POBILIC-VARIABLE WIDTH) (POBILIC-VARIA				PROJECT TEAM CIVIL ENGINEER Pare Corporation 10 Lincoln Rd, Suite 210 Foxboro, MA 02035 Tei: 508.543.1755 CIVIL ENGINEER Kyle Zick Landscape Architecture, Inc. 136 Bromfield St, Suite 202 Boston, MA 02108 Tei: 617.451.1018
				REVISIONS
			— W	DRAWING TITLE
		st_		
AC STONE WALL W/4' IRON FENCE				GENERAL PLAN
STONE BOUND W/ DRILL HOLE FOUND	 <u>NOTES:</u>			DRAWING INFORMATION
	ALL DISTURBED	SHALL PROVIDE LOA) AREAS UNLESS NO)SCAPE DRAWINGS.	TED OTHERWISE.	Contraction
D + - D		E RAMPS SHALL BE		06/15/2022 DATE OF ISSUE
	3. PRIOR TO COMI SHALL EMPLOY REGISTERED IN MASSACHUSET SITE AND TO PE REQUIRED TO L AND SITE IMPR SURVEYOR SHA LAYOUT WITH T	BLE WARNING PAVE MENCING WORK, TH A PROFESSIONAL L THE COMMONWEAL TS TO ESTABLISH CO ERFORM FIELD MEAS AYOUT THE PROPOSOVEMENTS. THE CO ALL COORDINATE THE HE PROJECT LAND SOCATE THE BUILDIN	E CONTRACTOR AND SURVEYOR _TH OF ONTROL ON THE SUREMENTS AS SED BUILDING NTRACTOR'S IE BUILDING SURVEYOR TO	Site Plan Approval DESCRIPTION 1" = 10' JAJ/SETB DRAWN BY 3399.00/20147.00 PROJECT # FILE NAME DRAWING NUMBER C3.1
		Scale: 1"=10'		
		0 5' 10'	20'	Copyright BH+A, Inc. V.2.1



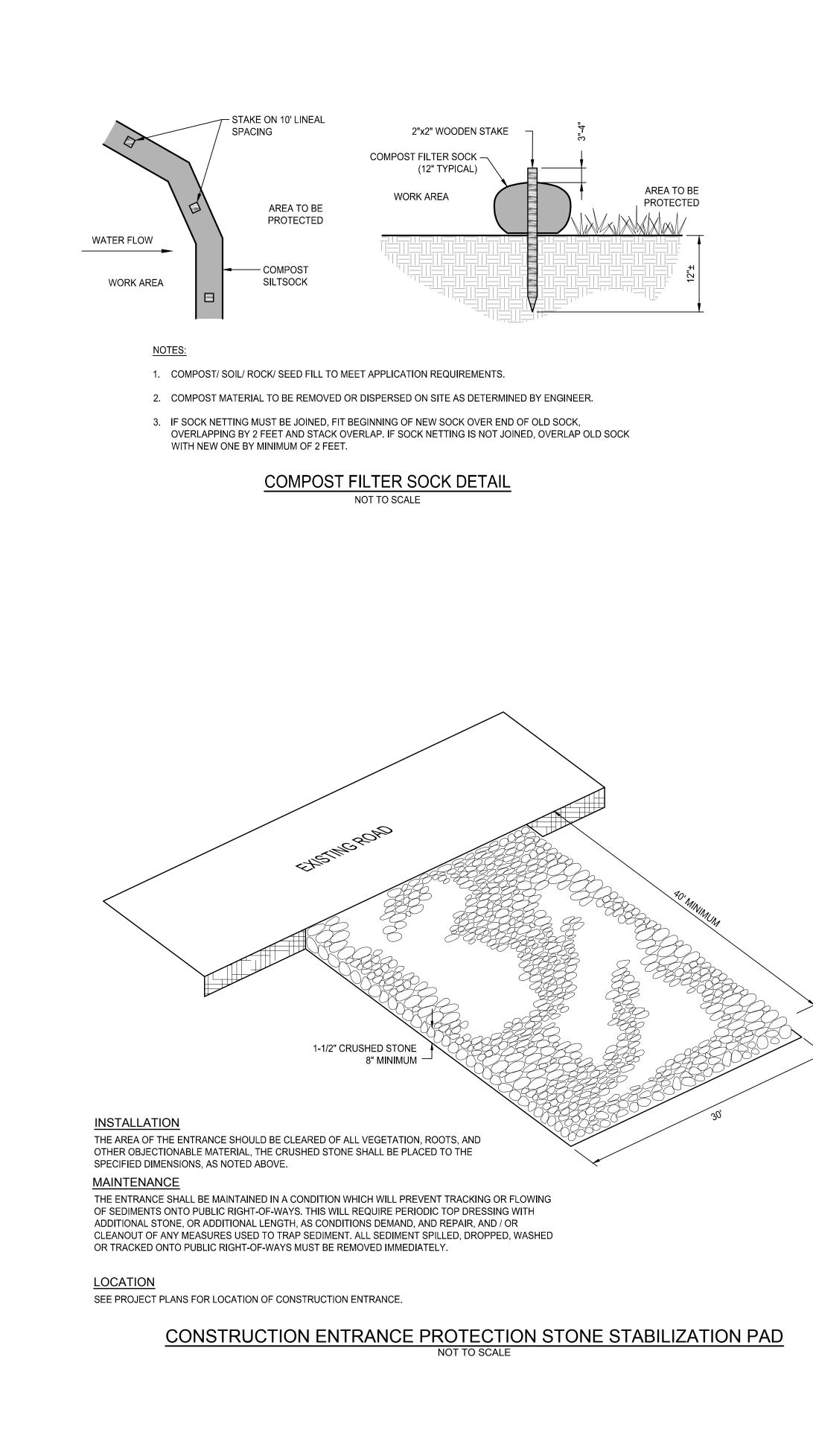
_ocal Revit\3399 Newton Community Center_345 Walnut St_CWI

	Б. С.		ARCHITECT Jobita Bargmann Hendrie + Archetype, Inc. 9 Channel Center Street, Suite 300 Boston, MA 02210 (017) 350 0450 PROJECT NAME Newton Center for Jobita Stanut Street, Newton, MA. 02460
STONE BOUND W/ DRILL HOLE FOUND			CLIENT City of Newton PROJECT TEAM CIVIL ENGINEER Pare Corporation 10 Lincoln Rd, Suite 210 Foxboro, MA 02035 Tel: 508.543.1755
EXISTING AT SIDEWALK	(PUBLIC-VARIABLE WIDTH)		CIVIL ENGINEER Kyle Zick Landscape Architecture, Inc. 136 Bromfield St, Suite 202 Boston, MA 02108 Te: 617.451.1018
		NOTES:	DATE
STONE WALL STONE WALL W/4' IRON FENCE		 AT ALL LOCATIONS WHERE EXISTING CURBING OR PAVEMENT ABUT NEW CONSTRUCTION, THE EDGE OF THE EXISTING CURB OR PAVEMENT SHALL BE SAW CUT TO A CLEAN, SMOOTH EDGE. BLEND NEW PAVEMENT AND CURBS SMOOTHLY INTO EXISTING BY MATCHING LINES, GRADES AND JOINTS. ALL UTILITY COVERS, GRATES, ETC. SHALL BE ADJUSTED 	DRAWING TITLE
1 00000 1 0 00000 1 0 0 0 0 0 0 0 0 0 0 0 0 0		TO BE FLUSH WITH THE SURROUNDING SURFACE OR PAVEMENT FINISH GRADE. RIM ELEVATIONS OF STRUCTURES AND MANHOLES ARE APPROXIMATE. FINAL ELEVATIONS ARE TO BE SET FLUSH AND CONSISTENT WITH THE GRADING PLANS.	
S10'30'10''E		3. PITCH EVENLY BETWEEN SPOT GRADES. ALL PAVED AREAS MUST PITCH TO DRAIN AT A MIN. OF 1/8" PER FOOT UNLESS SPECIFIED.	JAMES A. JACKSON, JR.
9.85' 23'58'40 "E 2.87'		4. THE PROPOSED WALKWAYS SHALL HAVE A MAXIMUM CROSS SLOPE OF 2% AND A MAXIMUM RUNNING SLOPE OF 5% AS SHOWN ON CONSTRUCTION DETAILS.	THE REAL PROPERTY AND A RE
		5. ALL GRADING AT ACCESSIBLE ROUTES SHALL COMPLY WITH THE RULES AND REGULATIONS OF THE AMERICANS WITH DISABILITIES ACT (ADA) OF 2010, LATEST EDITION.	06/15/2022 DATE OF ISSUE Site Plan Approval
		 BASIN BERM SHALL BE CONSTRUCTED WITH COMMON BORROW PLACED IN 12" LEFTS AND COMPACTED TO 95% TO FINISH GRADE. REMOVE ALL EXISTING TOPSOIL AND ORGANIC MATERIAL PRIOR TO CONSTRUCTING BASIN BERM. 	DESCRIPTION 1" = 10' JAJ/SETB SCALE DRAWN BY 3399.00/20147.00
		 TURF REINFORCEMENT MAT SHALL BE INSTALLED ON ALL SLOPES 3:1 OR GREATER. 	PROJECT # FILE NAME
		 REFER TO "CIVIL NOTES AND LEGEND" FOR ADDITIONAL NOTES. Scale: 1"=10' 	C4.1
		0 5' 10' 20'	Copyright BH+A, Inc. V.2.1



ical Revit\3399 Newton Community Center_345 Walnut St_C 022 4:27:39 PM Author

				DRAIN	INVERT	-	ARCHITECT
		4		TA	BLE		bhta
	INV. (SW). INV. (N, S, W	:44.38	STRUCTURE	RIM (FT)	INV. IN (FT)	INV. OUT (FT)	Bargmann Hendrie + Archetype, Inc. 9 Channel Center Street, Suite 300
			AD-1	55.65		52.65 S	Boston, MA 02210 (617) 350 0450
		\times	AD-2 AD-3	55.65 55.66	52.25 N 51.50 E	52.15 W 51.40 NW	PROJECT NAME
	/	E	CB-01	55.65		50.82 W	Newton Center for
			CB-02	55.75		53.00 E	Active Living 345 Walnut Street,
3			CB-03 CB-04	55.67 55.75		53.79 W 53.79 E	Newton, MA. 02460
VALK		~	DMH-02	55.90	53.64 W 53.64 E	51.14 S	
I STONE BOUND W/			DMH-03	56.67	52.49 S	52.39 W	CLIENT
DRILL HOLE FOUND			DMH-04	56.10	52.20 E		City of Newton
			WQU-01	55.85	50.50 E 52.70 W 50.40 N	50.40 S	
							PROJECT TEAM
							CIVIL ENGINEER Pare Corporation
							10 Lincoln Rd, Suite 210 Foxboro, MA 02035
CLT RB		↓ ↓					Tel: 508.543.1755
E -							CIVIL ENGINEER
	Ĩ						Kyle Zick Landscape Architecture, Inc. 136 Bromfield St, Suite 202
							Boston, MA 02108 Tel: 617.451.1018
STONE WALL W/4' IRON FENCE			F				
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		- <u> </u>	— — E				
					m		DATE
			W		V	E-	DRAWING TITLE
	×						DRAWING HILE
STONE WALL W/4' IRON FENCE	NOTES:			H	F		DRAINAGE &
		NS AND DRAIN MAN	IHOLES SHALL E	BE 4' DIA. PF	RECAST CONC	RETE UNLESS	UTILITY PLAN
	NOTED OTHERWI	SE.					
	2. ALL DRAIN PIPES UNLESS NOTED (SHALL BE SMOOT DTHERWISE.	H IN LERIOR COF	KUGATED	HIGH DENSIT	POLYETHYLENE	
STONE BOUND W/ DRILL HOLE FOUND	3. REINFORCED CO	NCRETE PIPE (RCF	P) SHALL BE CLA	SS III UNLE	SS NOTED OT	HERWISE.	
		VIDED ARE FT/FT.		07411 1			JAMES A.
510'30'1d''E 1	5. ALL CATCH BASII HOOD PER THE D	NS AND AREA DRAI DETAIL.	NO SHALL BE IN	STALLED W	ття а SUMP A	UUILET	JACKSON, JR. CIVIL No. 42563
87'		HOLES SHALL BE 4					A CONSTRUCTION
	7. REFER TO ELECT BANKS AND STRU	RICAL DRAWINGS					
		ACE DAMAGED IRR NO ADDITIONAL CO			E-CONSTRUC	ΓΙΟΝ	06/15/2022 DATE OF ISSUE
	SERVICE SHALL F	AND REPAIRS TO T BE DESIGNED, FUR ATER AND ELECTR ONS.	NISHED AND INS	STALLED BY	THE CONTRA	CTOR. THIS	Site Plan Approval DESCRIPTION 1" = 10' JAJ/SETB SCALE DRAWN BY 3399.00/20147.00 PROJECT # EILE NAME
	10. REFER TO "CIVIL	NOTES AND LEGEN	ND" FOR ADDITIC	DNAL NOTE	S.		
		ION OF EXISTING W	VATER SERVICE	FOR THE F	PURPOSES OF	THIS	DRAWING NUMBER
	THE LOCATION O	S CURRENTLY ASS F THE KNOWN WA RDINATION BETWEE	TER GATE. FOLL	OWING CO	NFIRMATION C	OF WATER LINE	C5.1
	,	TURBANCE TO EXIS	STING IMPERVIO				
					10'	20'	
F		1					Copyright BH+A, Inc. V.2.1

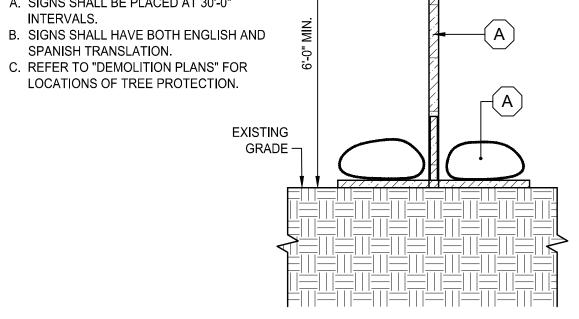


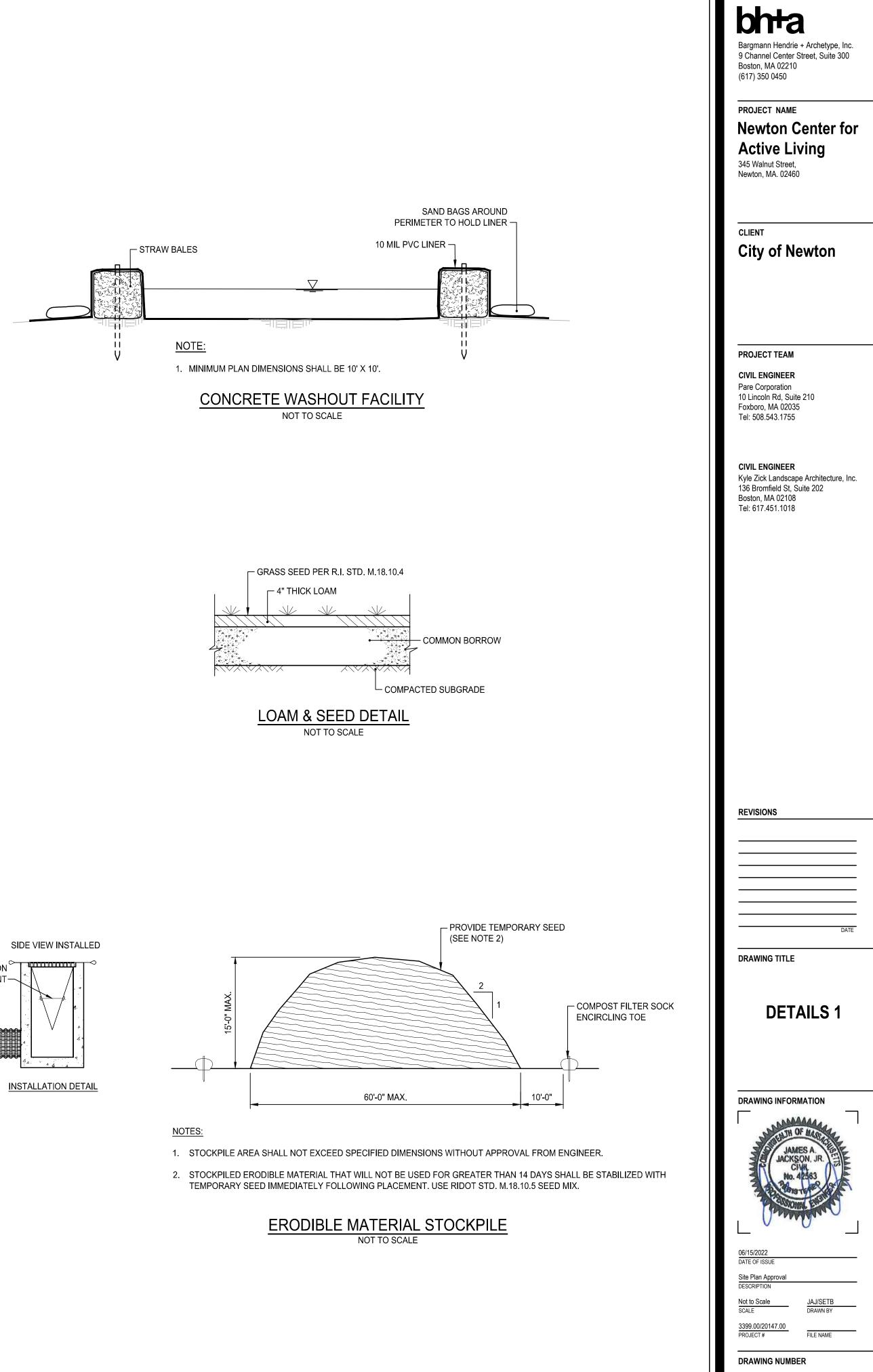
LEGEND

- 1. SIGN "KEEP OUT: SITE PROTECTION ZONE. PENALTIES ASSESSED FOR
- DAMAGE TO TREES."
- 2. REMOVABLE SECTION OF FENCE WITH FENCE POSTS SET IN STAND
- 3. 40LB SAND BAGS, OR EQUAL

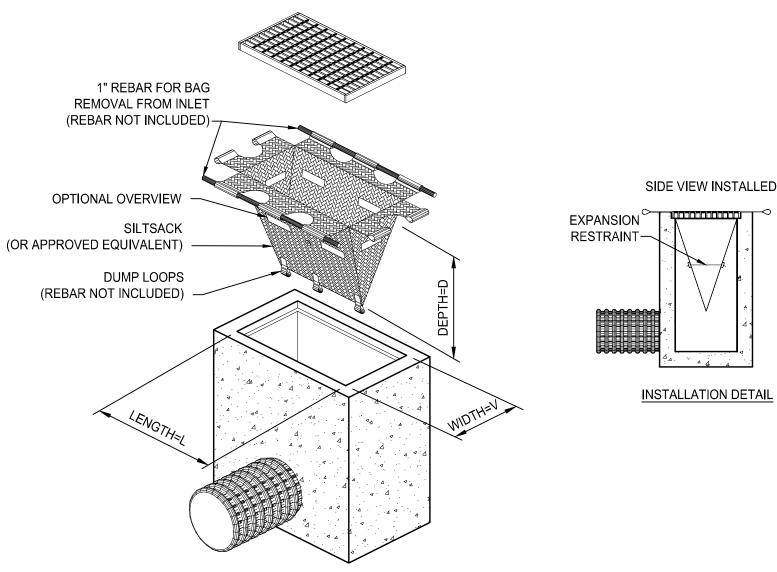
NOTES

- A. SIGNS SHALL BE PLACED AT 30'-0"
- INTERVALS. B. SIGNS SHALL HAVE BOTH ENGLISH AND
- SPANISH TRANSLATION.
- LOCATIONS OF TREE PROTECTION.





DRIPLINE TREE PROTECTION FENCE - SURFACE NOT TO SCALE



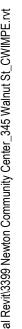
TEMPORARY INLET PROTECTION NOT TO SCALE

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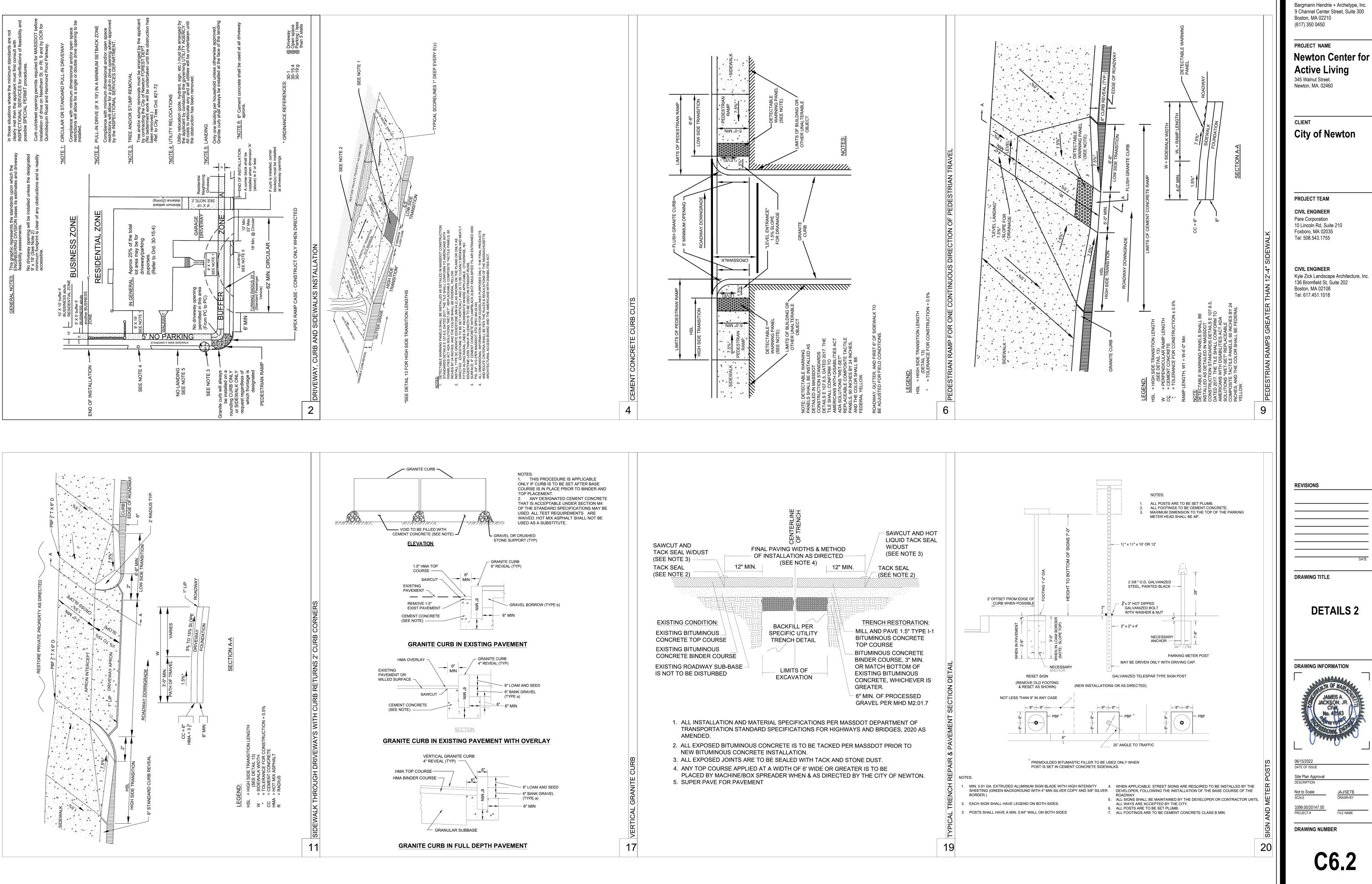
C6.

ARCHITECT

V.2.1

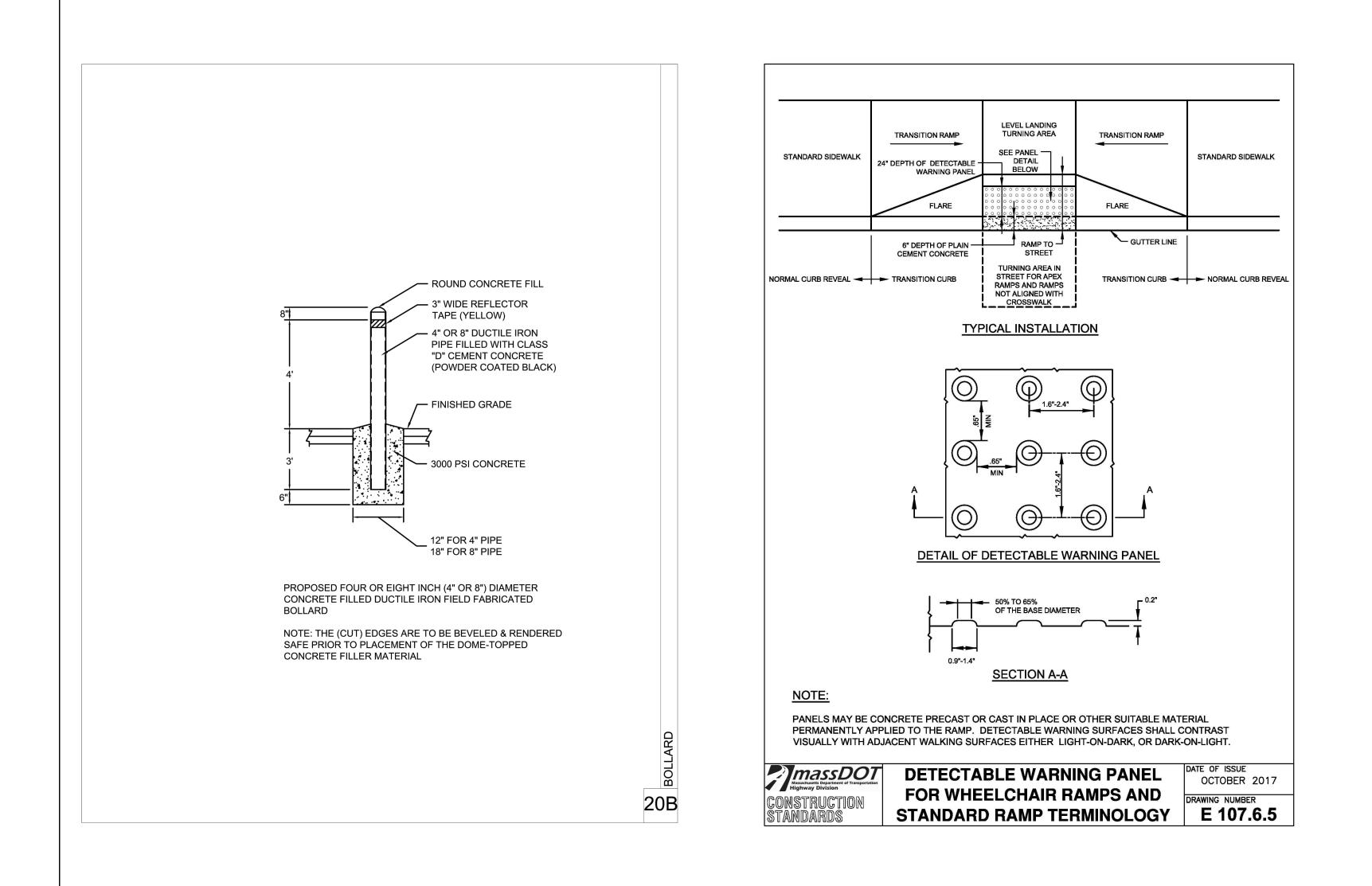


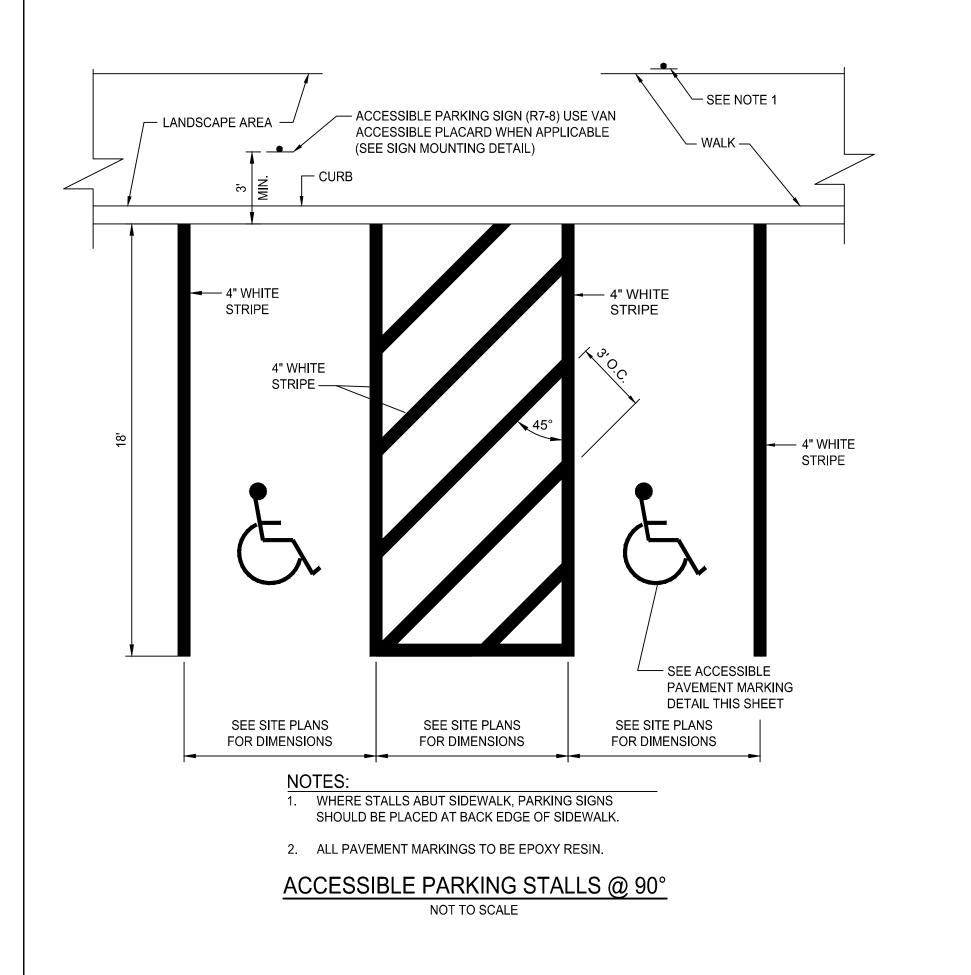


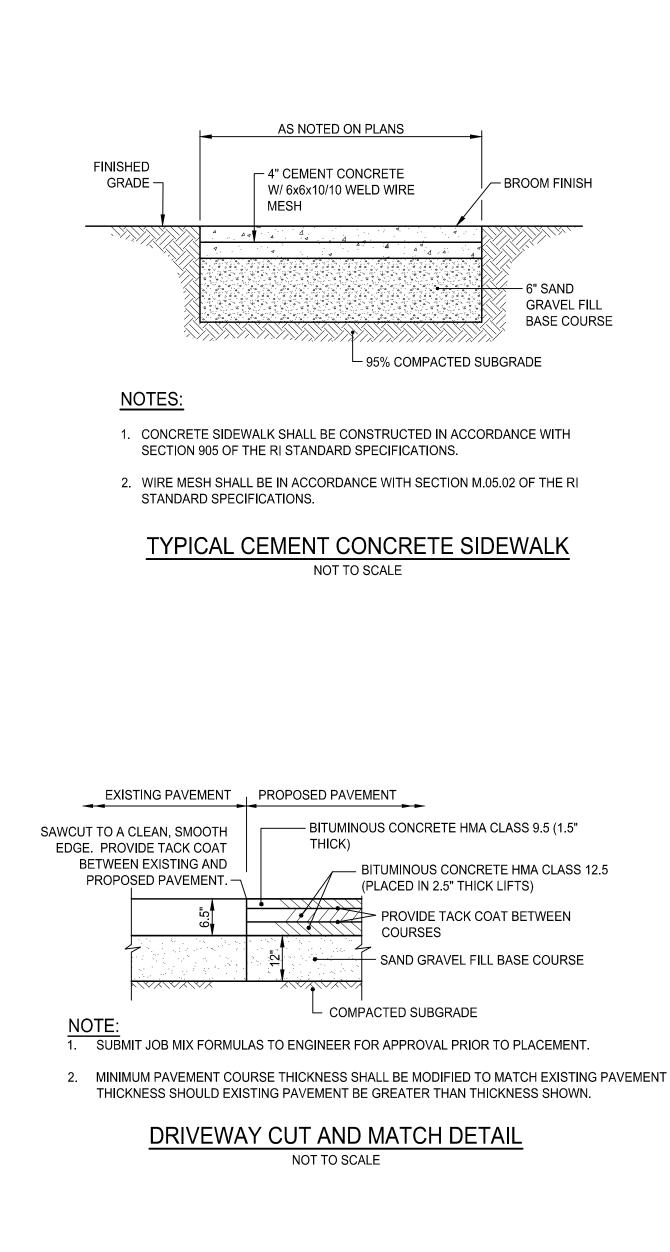


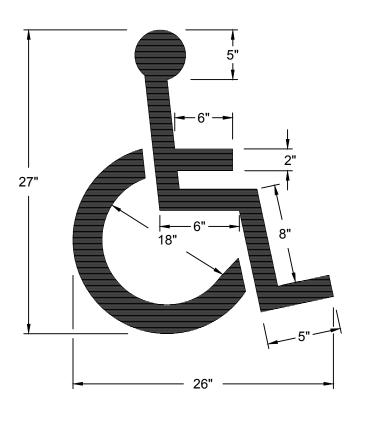
ARCHITECT

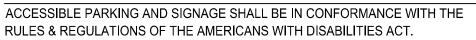
bhta





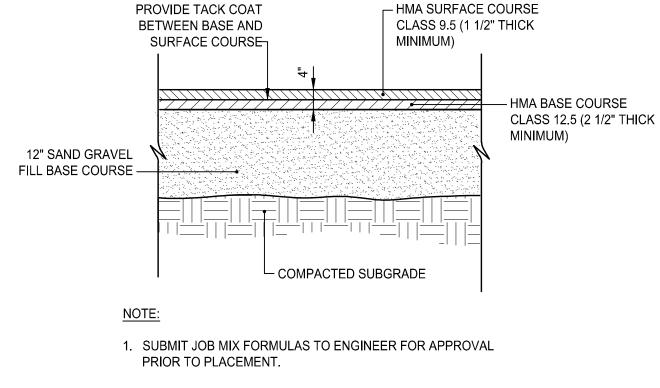






ACCESSIBLE PAVEMENT MARKING NOT TO SCALE

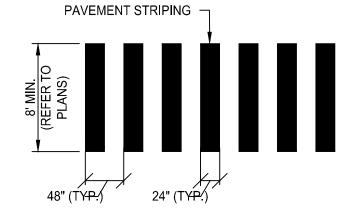
NOTE:



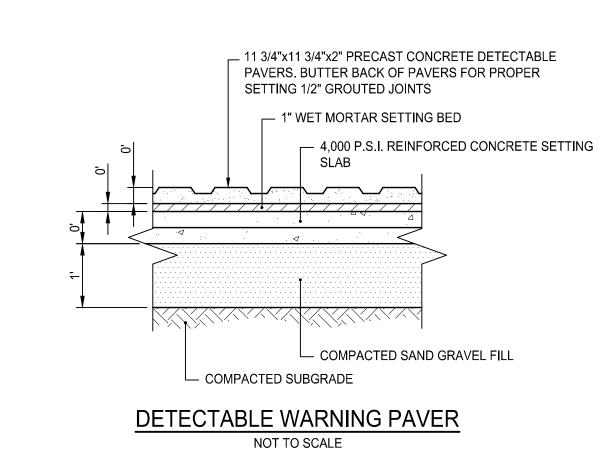
HOT MIX ASPHALT PAVEMENT

NOT TO SCALE

WHITE EPOXY RESIN



TYPICAL CROSSWALK DETAIL NOT TO SCALE



ARCHITECT

bhta Bargmann Hendrie + Archetype, Inc. 9 Channel Center Street, Suite 300 Boston, MA 02210 (617) 350 0450

PROJECT NAME Newton Center for Active Living 345 Walnut Street,

Newton, MA. 02460

CLIENT City of Newton

PROJECT TEAM

CIVIL ENGINEER Pare Corporation 10 Lincoln Rd, Suite 210 Foxboro, MA 02035 Tel: 508.543.1755

CIVIL ENGINEER Kyle Zick Landscape Architecture, Inc. 136 Bromfield St, Suite 202 Boston, MA 02108 Tel: 617.451.1018

REVISIONS

	DATE

DRAWING TITLE



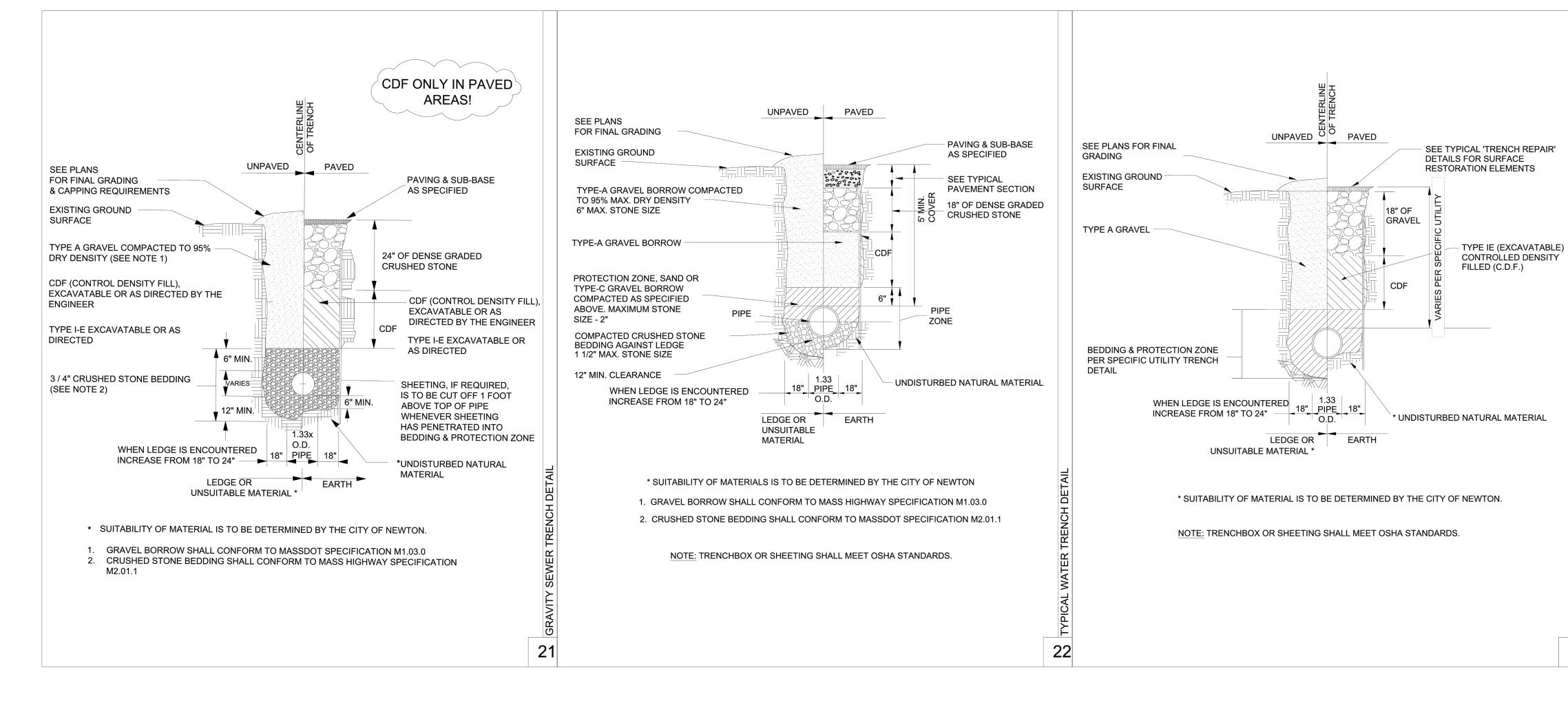


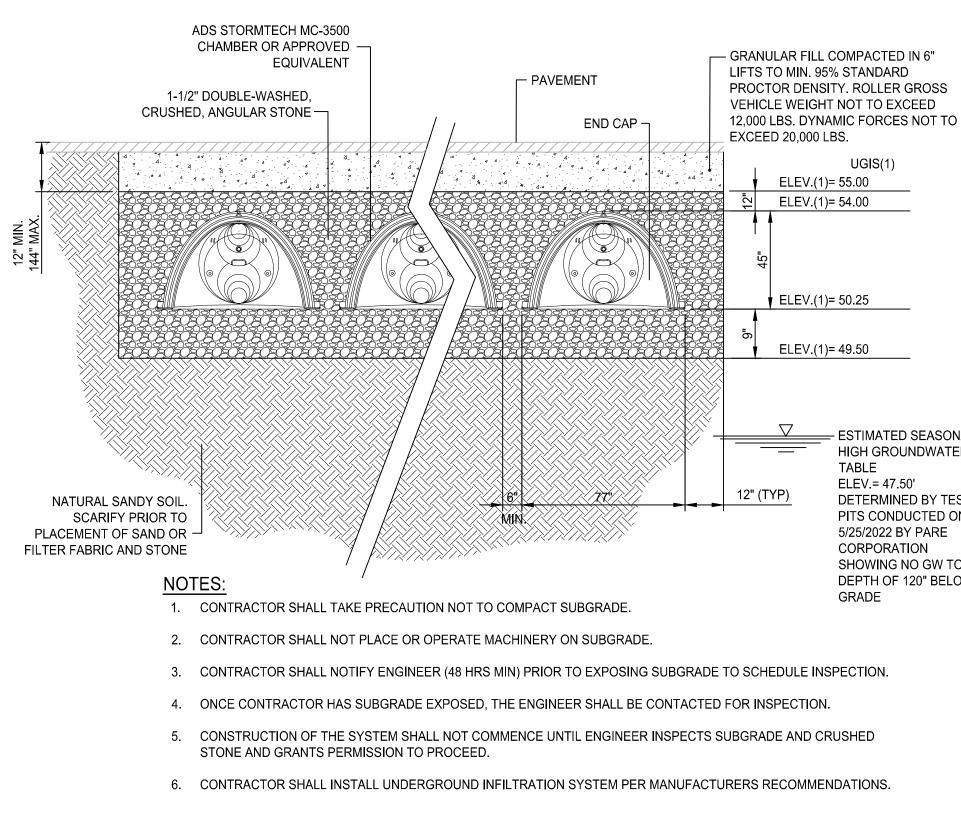
Not to Scale 20147.00 FILE NAME

DRAWING NUMBER

C6.3

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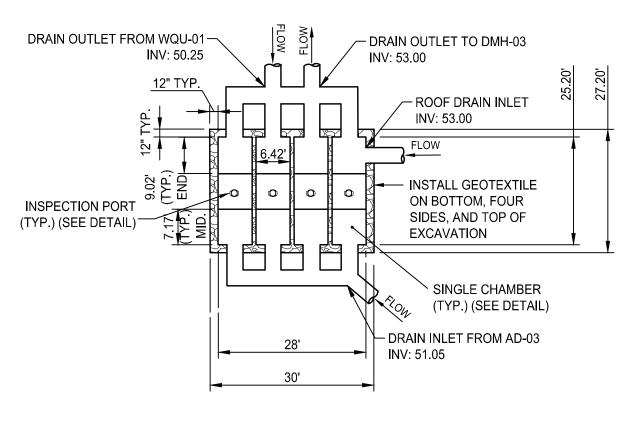




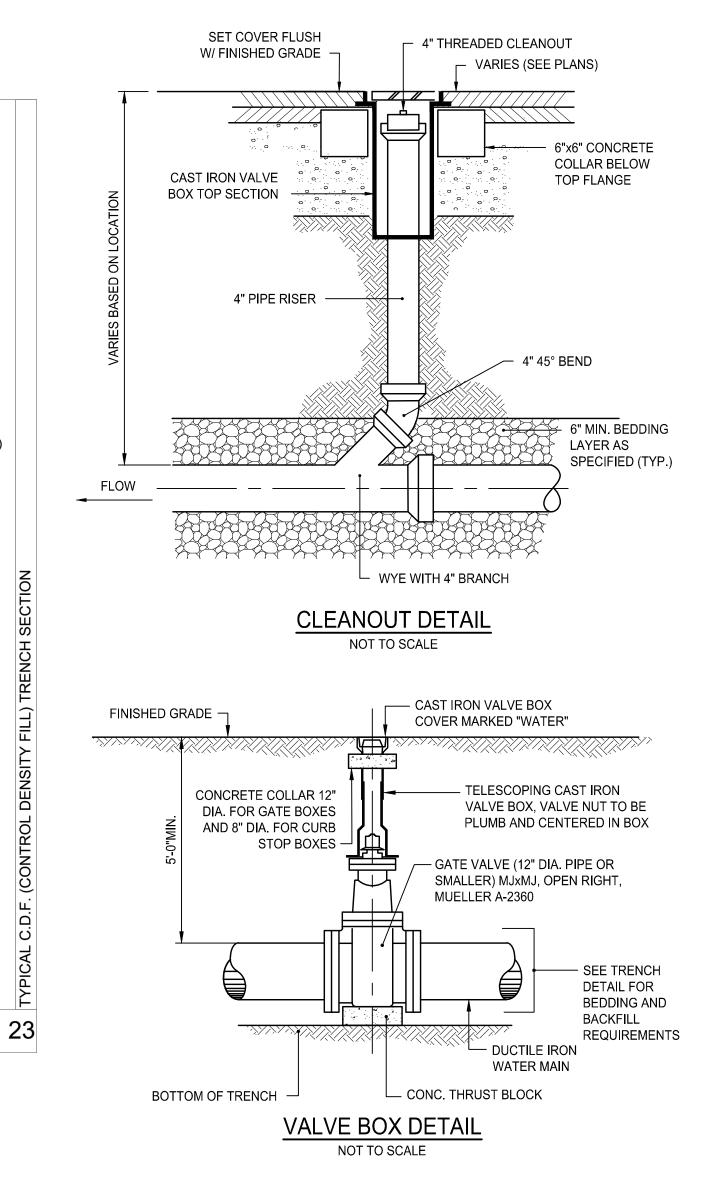
UNDERGROUND INFILTRATION SYSTEM DETAIL

NOT TO SCALE

∇	- ESTIMATED SEASONAL
	HIGH GROUNDWATER
	TABLE
	ELEV.= 47.50'
' (TYP)	DETERMINED BY TEST
	PITS CONDUCTED ON
	5/25/2022 BY PARE
	CORPORATION
	SHOWING NO GW TO A
	DEPTH OF 120" BELOW
	GRADE



UNDERGROUND INFILTRATION SYSTEM (UGIS-1) PLAN VIEW NOT TO SCALE





ARCHITECT

bhta

Boston, MA 02210

PROJECT NAME

(617) 350 0450

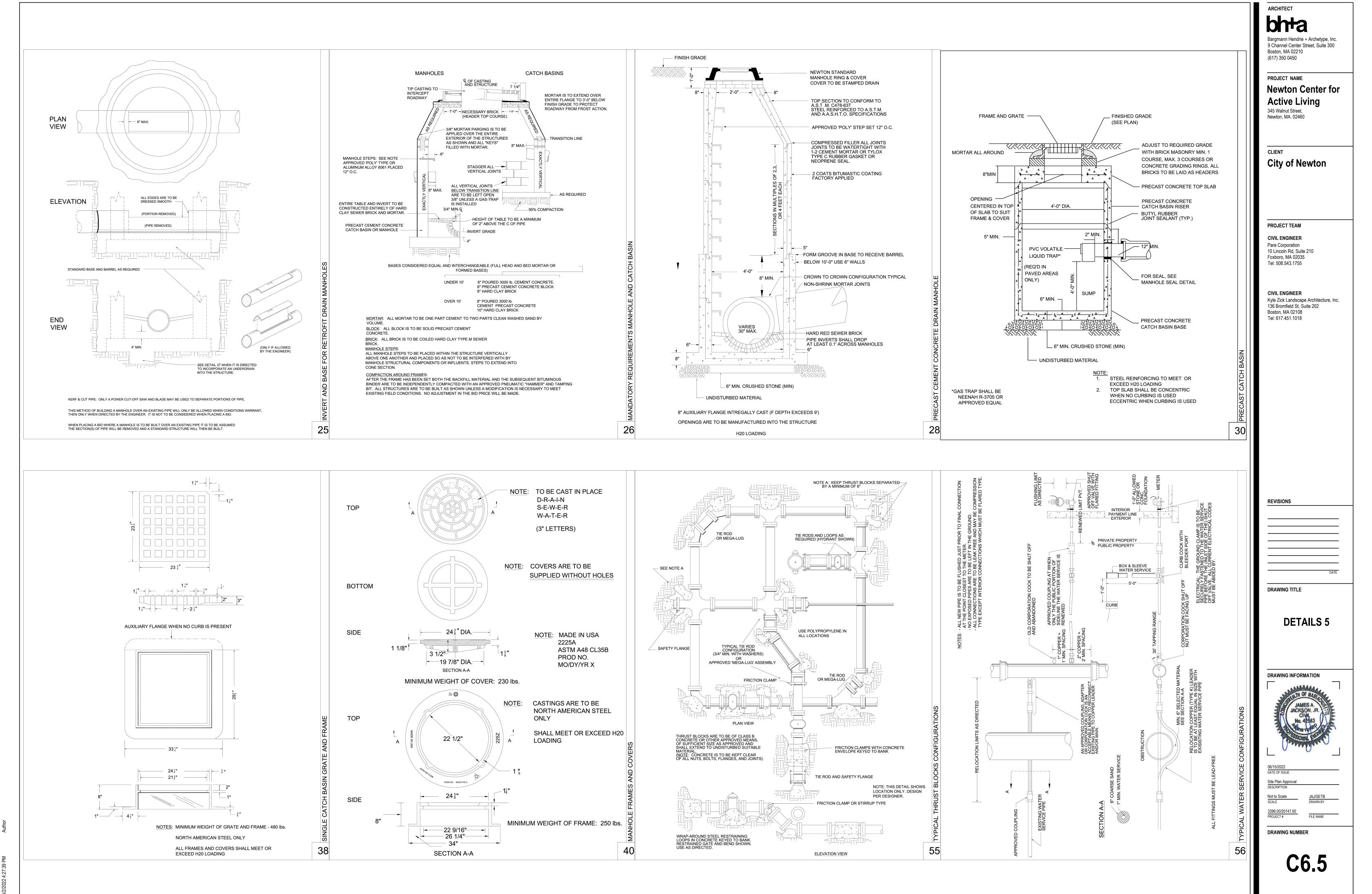
Bargmann Hendrie + Archetype, Inc. 9 Channel Center Street, Suite 300

06/15/202 ATE OF ISSUE ite Plan Approva Not to Scale

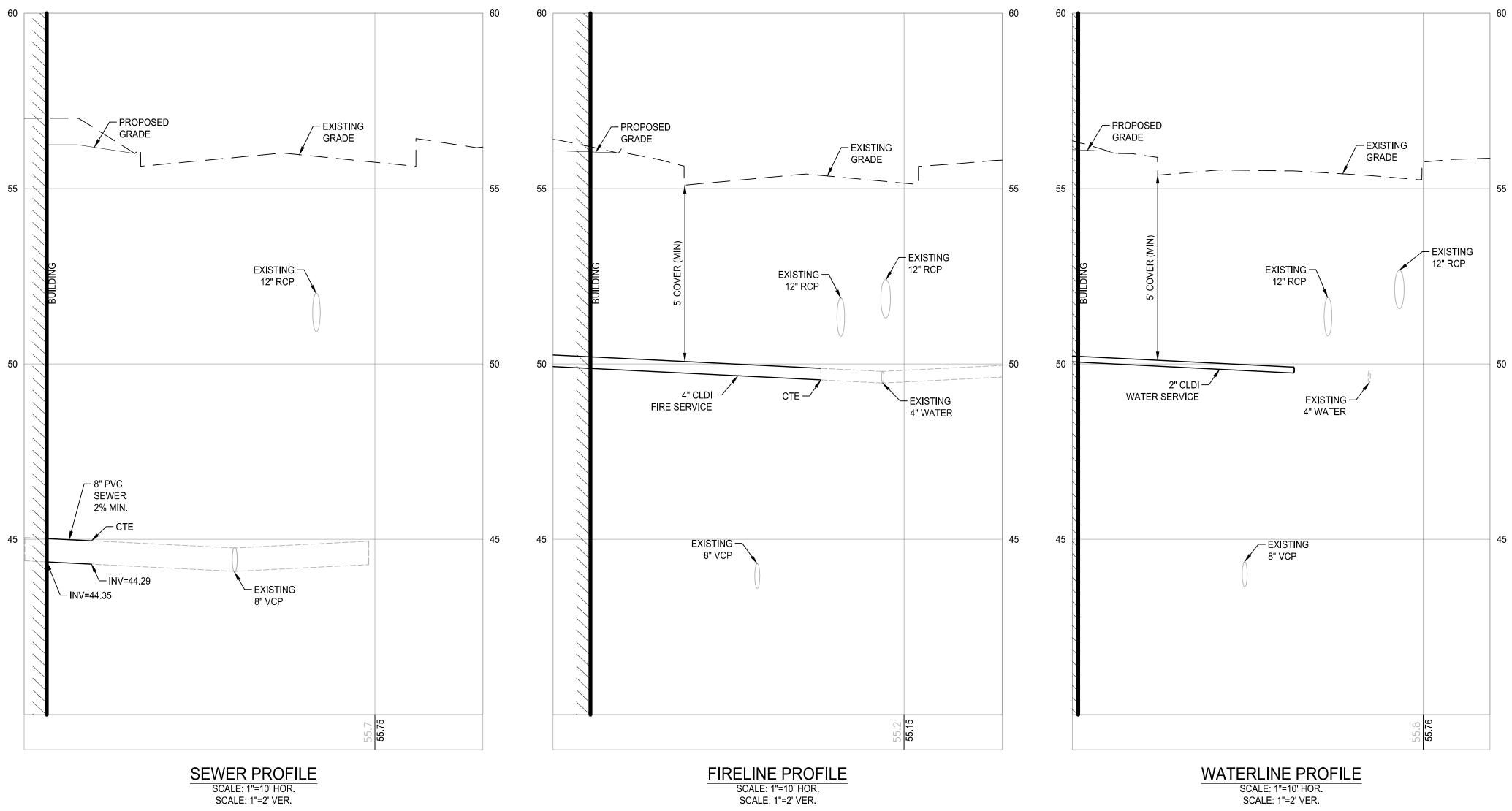
DRAWING NUMBER

C6.4

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М 33 4:27



ARCHITECT

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PROJECT NAME

Newton Center for Active Living 345 Walnut Street, Newton, MA. 02460

CLIENT City of Newton

PROJECT TEAM

CIVIL ENGINEER Pare Corporation 10 Lincoln Rd, Suite 210 Foxboro, MA 02035 Tel: 508.543.1755

CIVIL ENGINEER Kyle Zick Landscape Architecture, Inc. 136 Bromfield St, Suite 202 Boston, MA 02108 Tel: 617.451.1018

DRAWING TITLE PROFILES

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C6.6

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