PERMITTING SET 580 Main Street BOLTON, MASSACHUSETTS ASSESSOR'S MAP 4C LOT 24



MAIN STREET OFFICE BUILDING

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		105 Eastern Avenue Suite 200 Dedham, MA 02026 tel דאז-326-0021 fax גמז-גולגי-6006 www dinrete-eng com		Boston • Providence • Newport
THIS PLAN SET MUST NOT BE USED FOR CONSTRUCTION PURPOSES UNLESS STAMPED 'ISSUED FOR CONSTRUCTION' AND STAMPED BY A REGRETEEP PROFESSIONAL ENGINEER OF DIPRETE ENGINEERING	DIPRETE ENGINEERING ONLY WARRANTS PLANS ON A DIPRETE ENGINEERING ONLY WARRANTS PLANS ON A DIPRETE ENGINEERING TITLE BOOK STAPPED BY REGISTERED PROFESSIONAL ENGINEERING INDEFE ENGINEERING INDEFE	THE CONTRACTOR IS RESPONDED FOR THE FOR THE MARK TO THE PARTY.	5-2023 CONSERVATION RESPONSE TO COMMENTS J.M.F. DESIGN. THE IMPLEMENTATION OF THIS PLAN AND USHA -2023 CONSERVATION RESPONSE TO COMMENTS J.A.R. DESIGN. -2023 PERMITTING SET -2023 FEMMITTING SET	VTE DESCRIPTION BY: EXISTING UTILITIES SHOWN ON THIS PLAN ARE APPROXIMATE VIE DESCRIPTION BY: ONLY. DIPRETE ENGINEERING ASSUMES NO RESPONSIBILITY FOR N BY: I.V.P. DESIGN BY: I.V.P. See 'UTILITY NOTE' ON SHEET 3. DESIGN BY: I.V.P.
COVER SHEET	MAIN STREET OFFICE BUILDING	ASSESSOR'S MAP 004.C LOT 24.0 BOLTON, MASSACHUSETTS	PREPARED FOR: CONDYNE ENGINEERING GROUP, LLC	TEL 781-552-4202 DITE 312, BRAINTREE, MASSACHUSETTS, 02184 NO. 1 DRA

SWPPP / O&M THE STORMWATER POLLUTION PREVENT PLAN (SWPPP) AND STORMWATER OPERATION AND MAINTENANCE PLAN (0&M) ARE REQUIRED DOCUMENTS WITH THIS PLAN SET AND MUST BE MAINTAINED BY THE CONTRACTOR AND OWNER ON SITE.



PHILBEN LAND CONSERVATION

INTEGRATIVE ANIMAL HEALTH

BOLTON PAN CEMETERY



GENERAL NOTES

- I. THE SITE IS LOCATED ON THE TOWN OF BOLTON ASSESSOR'S MAP 4C LOT 24.0.
- THE SITE IS APPROXIMATELY 6.59 ACRES AND IS ZONED LIMITED BUSINESS DISTRICT.
- 3. THE OWNER OF MAP 4C LOT/PARCEL 24 IS:
 - BOLTON OFFICE PARK LLC 100 GEANDVIEW ROAD, SUITE 312
 - BRAINTREE, MASSACHUSETTS, 02184
- 4. THIS SITE IS LOCATED IN FEMA FLOOD ZONES X AND A. REFERENCE FEMA FLOOD INSURANCE RATE MAP 25027C0486F, MAP REVISED MONTH JULY, 2014. (FLOOD PLAIN DESCRIPTIONS SHOWN BELOW)
- ZONE A THIS SITE IS LOCATED IN FEMA FLOOD ZONE A. ZONE A ARE AREAS OF 100-YEAR FLOOD; BASE FLOOD ELEVATIONS AND FLOOD HAZARD FACTORS NOT DETERMINED.
- ZONE X (UNSHADED) THIS SITE IS LOCATED IN FEMA FLOOD ZONE X, WHICH ARE AREAS WHERE THERE IS MINIMAL FLOODING.
- THE BOUNDARY LINE AS SHOWN ON THE ENGINEERING PLAN SET DEPICTS THE RESULTS OF A BOUNDARY RETRACEMENT SURVEY AS PERFORMED BY HALNON LAND SURVEYING, INC. THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY RETRACEMENT SURVEY PLAN AND IS NOT SUITABLE FOR RECORDING AS A SURVEY PLAN IN CONFORMANCE WITH THE RULES AND REGULATIONS AS STATED IN CMR 250 SECTION 6.00.
- ALL WORK PERFORMED HEREIN IS TO BE GOVERNED BY CURRENT EDITIONS OF THE MASSDOT HIGHWAY DIVISION CONSTRUCTION STANDARD DETAILS, TOWN OF BOLTON STANDARD SPECIFICATIONS AND DETAILS AND SPECIFICATIONS INCLUDED AS PART OF THE DRAWINGS. IN AREAS OF CONFLICT BETWEEN THE DIFFERENT SPECIFICATIONS, THE DESIGN PLANS AND PROJECT SPECIFICATIONS WILL TAKE PRECEDENCE OVER THE GENERAL SPECIFICATIONS AND THE CEOR WILL INTERPRET THE CONSTRUCTION REQUIREMENT. THE CONTRACTOR IS ADVISED TO SUBMIT A REQUEST FOR INFORMATION (RFI) FOR ANY AREAS OF CONFLICT BEFORE COMMITTING TO CONSTRUCTION
- THE FOLLOWING DOCUMENTS ARE CONSIDERED PART OF THE PROJECT PLANS AND THE CONTRACTOR/OWNER MUST MAINTAIN THESE DOCUMENTS AS PART OF A FULL PLAN SET: • STORMWATER POLLUTION PREVENTION PLAN (SWPPP). THE SWPPP CONTAINS THE
- FOLLOWING:
- EROSION CONTROL MEASURES SHORT TERM MAINTENANCE
- •• ESTABLISHMENT OF VEGETATIVE COVER
- •• CONSTRUCTION POLLUTION PREVENTION • SEQUENCE OF CONSTRUCTION
- 3. THIS PLAN SET REFERENCES MASSDOT HIGHWAY DIVISION STANDARD DETAILS (DESIGNATED AS MASSDOT STD XXX.X.X). MASSDOT STANDARD DETAILS ARE AVAILABLE FROM MASSDOT AND ONLINE AT HTTPS://WWW.MASS.GOV/LISTS/CONSTRUCTION-DETAILS
- 9. THE SITE IS TO BE SERVICED BY PUBLIC WATER AND PRIVATE OWTS.
- 10. THE DRAINAGE SYSTEM IS DESIGNED TO MEET THE TOWN OF BOLTON LAND DEVELOPMENT REGULATIONS WITH THE USE OF CATCH BASINS, CULVERTS, AND UNDERGROUND DRAINAGE BASINS. THE STORMWATER MANAGEMENT SYSTEM MEETS THE MASSDEP BEST MANAGEMENT PRACTICES. . THE SITE IS PROPOSED TO BE BUILT IN (I) PHASE
- 12. ANY PROPRIETARY PRODUCTS REFERENCED IN THIS PLAN SET ARE REPRESENTATIVE OF THE MINIMUM DESIGN REQUIREMENTS FOR THE PURPOSE THEY PROPOSE TO SERVE. ALTERNATIVES TO ANY PROPRIETARY PRODUCT MAY BE SUBMITTED TO THE CEOR FOR CONSIDERATION, WHICH MUST BE ACCOMPANIED BY APPROPRIATE SPECIFICATION SHEETS/DESIGN CALCULATIONS THAT DEMONSTRATE THE ALTERNATIVE(S) MEET THE MINIMUM DESIGN PARAMETERS OF THE PRODUCT SHOWN ON THE PLANS. NO ALTERNATIVES MAY BE USED WITHOUT THE WRITTEN APPROVAL OF THE ENGINEER OF RECORD.
- 3. THIS PLAN SET MAY REFERENCE AND/OR INCLUDE REPRODUCTIONS OF PROPRIETARY PRODUCTS/ DETAILS BY OTHERS, AND/OR THEIR ASSOCIATED SPECIFICATIONS. ANY REFERENCED OR REPRODUCED PROPRIETARY PRODUCT OR DETAIL BY OTHERS THAT IS SHOWN ON CEOR PLANS IS STRICTLY FOR INFORMATION/SPECIFICATION PURPOSES ONLY. DIPRETE ENGINEERING DOES NOT WARRANT ANY PROPRIETARY PRODUCTS, DETAILS BY OTHERS OR THEIR RESPECTIVE DESIGNS. IF A DIPRETE ENGINEERING PLAN INCLUDES A PROPRIETARY PRODUCT/DETAIL BY OTHERS (EITHER EXPLICITLY OR IMPLIED) AND IS STAMPED BY A REGISTERED PROFESSIONAL ENGINEER AND/OR REGISTERED LANDSCAPE ARCHITECT OF DIPRETE ENGINEERING. SAID STAMP DOES NOT EXTEND TO ANY PORTION OF THE PROPRIETARY PRODUCT/DETAIL BY OTHERS OR ITS DESIGN.

SOIL INFORMATION:

(REFERENCE: USDA NATURAL RESOURCES CONSERVATION SERVICE)

SOIL NAME DESCRIPTION 651 UDORTHENTS, SMOOTHED, 0 TO 3 PERCENT SLOPES

SOIL EROSION AND SEDIMENTATION CONTROL NOTES

- THE CONTRACTOR IS RESPONSIBLE FOR ALL SOIL EROSION AND SEDIMENT CONTROL ON SITE WHICH MUST BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE APPLICABLE REGULATIONS AND AUTHORITY HAVING JURISDICTION. THE CONTRACTOR IS TO NOTIFY THE CIVIL ENGINEER OF RECORD (CEOR) AND THE CONSERVATION COMMISSION AT LEAST 48 HOURS PRIOR TO THE START OF CONSTRUCTION.
- ALL EROSION CONTROL INCLUDING (BUT NOT LIMITED TO) TEMPORARY SWALES, TEMPORARY SEDIMENT TRAPS, TEMPORARY SEDIMENTATION PONDS, ETC. MUST BE INSTALLED PER THE LATEST EDITION OF THE MASSACHUSETTS EROSION AND SEDIMENT CONTROL GUIDELINES FOR URBAN AND SUBURBAN AREAS (MESCG) AND THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP). NOTE THE SOIL EROSION AND SEDIMENT CONTROL SHOWN ON THESE PLANS ARE THE MINIMUM QUANTITY/TYPE OF EROSION CONTROL DEVICES AND MATERIALS DEEMED REQUIRED BY THE CEOR TO MEET THE OBJECTIVES OF THE MESCG, BUT IS CONSIDERED A GUIDE ONLY. ADDITIONAL MEASURES/ALTERNATE CONFIGURATIONS MAY BE REQUIRED IN ORDER TO MEET THE MESCG BASED ON FACTORS INCLUDING (BUT NOT LIMITED TO) SITE PARAMETERS, WEATHER, INSPECTIONS AND UNIQUE FEATURES. THE SWPPP WILL CONTINUE TO EVOLVE THROUGHOUT CONSTRUCTION/PHASES. PURSUANT TO NOTE I ABOVE, SWPPP REMAINS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL THE SITE IS FULLY STABILIZED AND/OR SWPPP RESPONSIBILITIES ARE ASSUMED BY THE OWNER IN
- TEMPORARY SWALES MUST BE USED TO CONTROL RUNOFF DURING CONSTRUCTION OF THE PROPOSED SITE WORK. TEMPORARY SWALES MUST BE VEGETATED AFTER CONSTRUCTION. EROSION CONTROL MATS MUST BE INSTALLED, IF NECESSARY, TO PREVENT EROSION AND SUPPORT VEGETATION. AFTER CONSTRUCTION IS COMPLETE AND TRIBUTARY AREAS TO THE SWALES HAVE BEEN STABILIZED. THE TEMPORARY SWALES MUST BE CLEARED AND FINAL DESIGN, INCLUDING INSTALLATION OF THE GRASS SWALES, TO BE PER THE DESIGN PLANS.
- ONCE THE SEDIMENT TRAPS/SEDIMENT BASINS ARE NO LONGER REQUIRED AND ALL TRIBUTARY AREAS HAVE BEEN STABILIZED, THE TEMPORARY SEDIMENT BASINS/TRAPS MUST BE CLEANED AND BROUGHT TO FINAL DESIGN GRADES.
- 5. INLET PROTECTION MUST BE INSTALLED ON ALL CATCH BASINS ONCE CONSTRUCTED. 5. CONTRACTOR MAY MODIFY SEQUENCE OF CONSTRUCTION WITH APPROVAL FROM THE CEOR AND OWNER
- . IF CONCRETE TRUCKS ARE WASHED OUT ON SITE, ALL WASHOUT MUST BE PERFORMED IN THE DESIGNATED CONCRETE WASHOUT AREA.
- 8. THE CONTRACTOR IS RESPONSIBLE FOR INSPECTING THE EXISTING DETENTION POND DURING AND AFTER CONSTRUCTION AND FOR REMOVAL OF ALL SILT OR SEDIMENT DEPOSITS THAT MAY IMPAIR STORAGE CAPACITY
- DUST SHALL BE CONTROLLED ONSITE USING SURFACE TREATMENT MEASURES SUCH AS, BUT NOT LIMITED TO, APPLICATION OF WATER AND/OR CALCIUM CHLORIDE TO CONTROL DUST DURING DRY PERIODS.

DEMOLITION NOTES

- I. CONTRACTOR MUST NOTIFY "DIG SAFE" AT 8II (OR I-888-344-7233) A MINIMUM OF 72 HOURS BEFORE EXCAVATING
- CONTRACTOR MUST OBTAIN ALL FEDERAL, STATE, AND MUNICIPAL APPROVALS PRIOR TO THE START OF CONSTRUCTION.
- CONTRACTOR MUST PERFORM DAILY SWEEPING AT CONSTRUCTION ENTRANCE DURING DEMOLITION AND CONSTRUCTION TO MINIMIZE SEDIMENTS ON EXTERNAL STREETS.
- 4. ANY EXISTING BUILDING(S) AND PROPERTY PROPOSED TO REMAIN THAT ARE DAMAGED BY THE
- CONTRACTOR MUST BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. CONTRACTOR IS RESPONSIBLE FOR REMOVING AND LEGALLY DISPOSING (R&D) ALL MATERIALS INDICATED ON THE PLANS UNLESS SPECIFIED OTHERWISE HERE IN. R&D MATERIALS MUST INCLUDE BUT ARE NOT LIMITED TO PAVEMENT, GRAVEL, CATCH BASINS, MANHOLES, GRATES/FRAMES/COVERS, AND ANY EXCESS SOIL THAT IS NOT INCORPORATED INTO THE WORK.
- IN ADDITION TO THOSE AREAS SPECIFICALLY DESIGNATED ON THE PLANS. ALL DISTURBED AREAS. INCLUDING THE CONTRACTOR'S STOCKPILE AND STAGING AREAS WITHIN THE LIMIT OF WORK, MUST BE RESTORED TO MATCH THE DESIGN PLANS.
- CONTRACTOR MUST DOCUMENT LOCATION OF ALL SUBSURFACE UTILITIES REMAINING IN PLACE AFTER DEMOLITION (ACTIVE AND INACTIVE/ABANDONED). LOCATION MUST BE DOCUMENTED BY FIELD SURVEY OR SWING TIES. COPIES OF LOCATION DOCUMENTATION MUST BE PROVIDED TO THE OWNER FOLLOWING COMPLETION OF DEMOLITION AND PRIOR TO START OF NEW CONSTRUCTION. A MARKER MUST BE INSTALLED TO FINISH GROUND AT ALL INSTALLED CAPS/PLUGS. THE MARKER CAN BE A POST IN CONSTRUCTION AREAS OR PAINTED ON A PERMANENT SURFACE.
- ACTIVE UTILITY LINES AND STRUCTURES NOT SPECIFICALLY NOTED ON PLANS, BUT WHICH ARE ENCOUNTERED TO BE IN CONFLICT WITH THE PROPOSED WORK, MUST BE EXTENDED, PROTECTED. OR REWORKED BY THE CONTRACTOR AS DIRECTED OR REQUIRED BY THE UTILITY ENTITY OR OWNER UNLESS OTHERWISE NOTED.
- CONTRACTOR MUST COORDINATE THE CUTTING AND CAPPING OF ALL UTILITIES WITH THE OWNER, THE MUNICIPALITY, AND ALL APPLICABLE UTILITY ENTITIES HAVING JURISDICTION.
- IO. INACTIVE SUBSURFACE UTILITIES NOT IN CONFLICT WITH THE PROPOSED WORK AREA MAY BE ABANDONED IN PLACE WITH WRITTEN PERMISSION FROM THE OWNER.

AS-BUILT NOTES

ALL COMPONENTS OF THE DRAINAGE, SEWER, AND WATER SYSTEMS MUST BE MUST BE FIELD LOCATED PRIOR TO COVERING. NOTIFY SURVEYOR A MINIMUM OF SEVENTY-TWO (72) HOURS IN ADVANCE OF NEED FOR FIELD LOCATION OF IMPROVEMENTS. SURVEYOR MUST PROVIDE OWNER AND CONTRACTOR WITH WRITTEN NOTICE OF COMPLETION OF FIELD WORK PRIOR TO CONTRACTOR COVERING IMPROVEMENTS OWNER/DIPRETE ENGINEERING WILL NOT ACCEPT FIELD MEASUREMENTS FROM THE SITE CONTRACTOR.

LAYOUT AND MATERIALS

I. DIMENSIONS ARE FROM THE FACE OF CURB, FACE OF BUILDING, FACE OF WALL, AND CENTER LINE OF PAVEMENT MARKINGS, UNLESS OTHERWISE NOTED. 2. CURBING MUST BE PRECAST CONCRETE.

- 3. SIDEWALK MUST BE MONOLITHIC CONCRETE
- 4. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MEET ALL SIGNAGE AND PAVEMENT MARKING REQUIREMENTS OF THE MUTCD AND AUTHORITIES HAVING JURISDICTION, REGARDLESS OF ITEMS SHOWN (OR NOT SHOWN) ON THIS PLAN SET. THIS INCLUDES (BUT MAY NOT BE LIMITED TO) SIGN TYPE, NUMBER OF SIGNS, POLE/ MOUNTING TYPE, PAVEMENT MARKING LOCATIONS/ TYPE/ WIDTH, MATERIALS. INSTALLATION METHODS. AND ANY ADDITIONAL SIGNS AND/OR MARKINGS THAT MAY BE REQUIRED. THE CONTRACTOR MUST NOTIFY DESIGN ENGINEER OF ANY MODIFICATIONS OR
- DISCREPANCIES PRIOR TO ORDERING OR INSTALLING SIGNAGE/ PAVEMENT MARKINGS. 5. 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 MUST REFER TO THE DETAIL SHEET DIMENSIONS, MANUFACTURERS' LITERATURE SHOP DRAWINGS AND FIELD MEASUREMENTS OF SUPPLIED PRODUCTS FOR LAYOUT OF THE PROJECT FEATURES.
- 6. SEE ARCHITECTURAL DRAWINGS FOR EXACT BUILDING DIMENSIONS AND DETAILS PERTAINING TO THE BUILDING, INCLUDING SIDEWALKS, RAMPS, BUILDING ENTRANCES, STAIRWAYS, UTILITY PENETRATIONS, CONCRETE DOOR PADS, COMPACTOR PAD, LOADING DOCKS, BOLLARDS, ETC.
- 7. THE HOUSES SHOWN ARE SCHEMATIC ONLY AND WILL BE DESIGNED PRIOR TO BUILDING PERMIT APPLICATIONS. 8. CONTROL POINTS, PROPOSED BOUNDS, AND ANY EXISTING PROPERTY LINE MONUMENTATION
- DISTURBED DURING CONSTRUCTION MUST BE SET OR RESET BY A PROFESSIONAL LICENSED SURVEYOR.
- 9. CONTRACTOR MUST NOT RELY SOLELY ON ELECTRONIC VERSIONS OF PLANS, SPECIFICATIONS, AND DATA FILES THAT ARE OBTAINED FROM THE CEOR. CONTRACTOR MUST VERIFY LOCATION OF PROJECT FEATURES IN ACCORDANCE WITH THE STAMPED PAPER COPIES OF THE PLANS AND SPECIFICATIONS THAT ARE SUPPLIED AS PART OF THE CONTRACT DOCUMENTS.
- 10. INFRARED TREATMENT OF PAVEMENT IS REQUIRED AT ALL CURB CUTS, ANY DISTURBED PAVEMENT ON ROADWAYS AND WHERE ANY NEW PAVEMENT MEETS EXISTING PAVEMENT.
- II. ALL EXISTING PAVEMENT MARKING REMOVED AS INCIDENTAL DURING CONSTRUCTION MUST BE REPLACED IN-KIND FOLLOWING COMPLETION OF CONSTRUCTION UNLESS OTHERWISE NOTED.
- 12. NEW PAVEMENT MARKING MUST BE FAST DRYING TRAFFIC PAINT, MEETING THE REQUIREMENTS OF AASHTO M248 TYPE F. PAINT MUST BE APPLIED AS SPECIFIED BY THE MANUFACTURER.

EDEVELOPMENT NOTES:

- I. ALL EXISTING MANHOLE COVERS, GRATES, VALVE BOXES, SHUT-OFFS, AND HAND HOLES, TO REMAIN, WITHIN THE LIMIT OF WORK MUST BE RESET TO FINISHED GRADE. THE CONTRACTOR MUST PROTECT AND MAINTAIN ALL BUILDINGS TO REMAIN AND ALL ACTIVE
- UTILITIES THAT SERVICE THE BUILDINGS TO REMAIN. REFER TO ARCHITECTURAL PLANS FOR BUILDING DEMOLITION INFORMATION. 3. CONTRACTOR MUST DOCUMENT LOCATION OF ALL SUBSURFACE UTILITIES REMAINING IN PLACE
- AFTER DEMOLITION (ACTIVE AND INACTIVE/ABANDONED). LOCATION CAN BE DOCUMENTED BY FIELD SURVEY OR SWING TIES. COPIES OF LOCATION DOCUMENTATION MUST BE PROVIDED TO THE OWNER. WHERE POSSIBLE
- 4. NO GUARANTEE IS MADE THAT THE EXISTING UTILITY SERVICE CONNECTION(S) ARE SUITABLE FOR REUSE. EXISTING UTILITY SERVICE CONNECTIONS WERE NOT FIELD VERIFIED FOR SIZE, MATERIAL, EXACT LOCATION, OR INSPECTED FOR SUITABILITY FOR REUSE. CONTRACTOR MUST EVALUATE THE SIZE, MATERIAL, LOCATION, AND SUITABILITY FOR REUSE, AND IMMEDIATELY PROVIDE WRITTEN DOCUMENTATION OF CONDITIONS TO THE OWNER AND DIPRETE ENGINEERING.

AMERICANS WITH DISABILITIES ACT (ADA) NOTES:

- I. ALL IMPROVEMENTS MUST COMPLY WITH THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES" (ADAAG) BY THE US DEPARTMENT OF JUSTICE (CURRENT EDITION). 2. MAXIMUM RUNNING SLOPE ALONG ALL ACCESSIBLE PATHS OF TRAVEL MUST BE 4.5% (0.045 FT/FT), AND MAXIMUM CROSS SLOPE ACROSS ALL ACCESSIBLE PATHS OF TRAVEL MUST BE 1.5% (0.015 FT/FT).
- ADA PARKING SPACES AND LOADING AREAS: THE STEEPEST SLOPE OF THE SPACE, MEASURED IN ANY DIRECTION (INCLUDING DIAGONALLY), MUST BE LESS THAN OR EQUAL TO 2% (0.02 FT/FT). THE CEOR GENERALLY RECOMMENDS A MAXIMUM OF I.4% (0.014 FT/FT) BE USED FOR BOTH RUNNING AND CROSS SLOPES IN ORDER TO COMPLY.
- 4. A MINIMUM 5'X5' LANDING MUST BE PROVIDED IN FRONT OF ALL PUBLICLY ACCESSIBLE BUILDING ENTRANCES/ EGRESSES. THE STEEPEST SLOPE OF THE LANDING, MEASURED IN ANY DIRECTION (INCLUDING DIAGONALLY), MUST BE LESS THAN OR EQUAL TO 2% (0.02 FT/FT). THE CEOR GENERALLY RECOMMENDS A MAXIMUM OF 1.4% (0.014 FT/FT) BE USED FOR BOTH RUNNING AND CROSS SLOPES IN ORDER TO COMPLY.
- 5. FOR EVERY 6 (OR FRACTION OF 6) ADA PARKING SPACES, AT LEAST ONE MUST BE A VAN PARKING SPACE. FOR EXAMPLE, IF 7 ADA PARKING SPACES ARE REQUIRED, A MINIMUM OF 2 MUST BE VAN
- 6. NOTWITHSTANDING THE NOTES LISTED ABOVE, TOWN OR STATE-SPECIFIC STANDARDS MAY BE MORE STRINGENT AND OVERRULE. IT IS THE RESPONSIBILITY OF THE USER OF THIS PLAN SET TO MAINTAIN COMPLIANCE WITH THE CONTROLLING STANDARD.
- 7. NOTE THAT THE GRADING/PLAN VIEWS AND DETAILS CONTAINED WITHIN THIS PLAN SET MAY NOT SHOW THE DETAIL NECESSARY TO CONSTRUCT WALKWAYS, RAMPS AND SPACES TO COMPLY WITH THE ABOVE REQUIREMENTS. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE THE LEVEL OF CARE NECESSARY TO BE CERTAIN THAT THE CONSTRUCTED PRODUCT MEETS ADA/CONTROLLING STANDARDS. IN THE EVENT OF ANY NON COMPLIANCE THE CONTRACTOR MUST NOTIFY THE CEOR BEFORE CONSTRUCTION FOR ADVICE IN FINDING A RESOLUTION.

GRADING, DRAINAGE, AND UTILITY NOTES:

- I. CONSTRUCTION TO COMMENCE FALL 2023 OR UPON RECEIPT OF ALL NECESSARY APPROVALS. 2. THE CONTRACTOR MUST COORDINATE WITH ALL OF THE APPROPRIATE UTILITY COMPANIES FOR
- AGREEMENTS TO SERVICE THE PROPOSED BUILDING. THIS MUST BE DONE PRIOR TO CONSTRUCTION. NO REPRESENTATIONS ARE MADE BY DIPRETE ENGINEERING THAT UTILITY SERVICE IS AVAILABLE. 3. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING FINISH GRADING AND DRAINAGE AROUND THE BUILDING TO ENSURE SURFACE WATER AND/OR GROUNDWATER ARE DIRECTED AWAY FROM THE
- STRUCTURE 4. PRIOR TO START OF CONSTRUCTION, CONTRACTOR MUST VERIFY EXISTING PAVEMENT ELEVATIONS AT INTERFACE WITH PROPOSED PAVEMENTS, AND EXISTING GROUND ELEVATIONS ADJACENT TO DRAINAGE OUTLETS TO ASSURE PROPER TRANSITIONS BETWEEN EXISTING AND PROPOSED FACILITIES. CONTRACTOR MUST NOTIFY DESIGN ENGINEER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
- 5. ALL PROPOSED UNDERGROUND UTILITIES SERVING THE SITE AND BUILDINGS MUST BE COORDINATED WITH OWNER, ARCHITECT, AND ENGINEER PRIOR TO INSTALLATION.
- ALL RETAINING WALLS AND STEEP SLOPES ARE SUBJECT TO FINAL STRUCTURAL DESIGN. DIPRETE ENGINEERING IS NOT PROVIDING THE STRUCTURAL DESIGN OF THESE ITEMS. ALL WALLS AND STEEP SLOPES MUST BE DESIGNED AND BUILT UNDER THE DIRECTION OF A MASSACHUSETTS LICENSED PROFESSIONAL ENGINEER SUITABLY QUALIFIED IN GEOTECHNICAL ENGINEERING AND CERTIFIED TO THE OWNER PRIOR TO THE COMPLETION OF THE PROJECT. SHOP DRAWINGS MUST BE SUBMITTED PRIOR TO CONSTRUCTION. FINAL STRUCTURAL DESIGN MUST INCORPORATE THE INTENT OF THE GRADING SHOWN ON THESE PLANS AND ALL WORK MUST BE WITHIN THE LIMIT OF DISTURBANCE SHOWN ON THE PLANS.
- 7. ALL CUT AND FILL WORK MUST BE DONE UNDER THE DIRECTION OF A PROFESSIONAL GEOTECHNICAL ENGINEER, WITH TESTING AND CERTIFICATION PROVIDED TO THE APPLICANT AT THE COMPLETION OF THE PROJECT. DIPRETE ENGINEERING IS NOT PROVIDING THE FILL SPECIFICATION, GEOTECHNICAL ENGINEERING, STRUCTURAL ENGINEERING SERVICES, OR SUPERVISION AS PART OF THESE DRAWINGS.
- 8. MATERIAL STOCKPILES MUST NOT BE LOCATED IN THE RIGHT-OF-WAY, AND TRENCHES MUST NOT BE LEFT OPEN OVERNIGHT. 9. ALL LOAM IN DISTURBED AREAS MUST BE STOCKPILED FOR FUTURE USE.
- 10. ALL EXCESS SOIL, TREES, ROCKS, BOULDERS, AND OTHER REFUSE, MUST BE DISCARDED OFF SITE IN
- ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS. STUMPS MUST BE GROUND ON SITE OR REMOVED.
- I. THE SITE WILL HAVE 6" CONCRETE CURBING. SITE GRADING/CONTOURS SHOWN ON THE PLANS DO NOT NECESSARILY REFLECT THE APPROPRIATE CURBING REVEAL. CONTRACTOR MUST INSTALL CURBING WITH APPROPRIATE REVEAL UNLESS OTHERWISE NOTED. 12. NO STUMP DUMPS ARE ALLOWED ON SITE.
- 13. CONTRACTOR MUST PROVIDE SAW CUTTING AND FULL DEPTH PAVEMENT RESTORATION IN AREAS WHERE PAVEMENT AND/OR SIDEWALK IS REMOVED FOR UTILITY INSTALLATION. 14. IF ROADWAY SURFACE PAVEMENT COURSE IS NOT TO BE INSTALLED FOR 12 MONTHS OR MORE
- AFTER INSTALLATION OF DRAINAGE STRUCTURES, ALL CATCH BASIN RIMS MUST BE SET AT BINDER GRADE AND RAISED TO FINAL PAVEMENT GRADE PRIOR TO PLACEMENT OF SURFACE COURSE. 15. CONTRACTOR MUST HOLD/ SUPPORT/ RESTORE ALL EXISTING UTILITY COMPONENTS INCLUDING (BUT NOT LIMITED TO) POLES, MAST ARMS AND ABOVEGROUND OBJECTS AS NECESSARY DURING THE PROPOSED WORKS AND ELECTRICAL INSTALLATION. CONTRACTOR MUST COORDINATE SAID WORKS WITH ALL ASSOCIATED UTILITY OWNERS ACCORDINGLY. ANY EXISTING ITEMS DAMAGED OR REMOVED AS INCIDENTAL DURING UTILITY CONNECTION/ ELECTRICAL INSTALLATION INCLUDING (BUT NOT LIMITED TO) CURB IN THE ROW MUST BE REPLACED IN KIND FOLLOWING COMPLETION OF

WORKS DRAINAGE PIPING MUST BE HIGH-DENSITY POLYETHYLENE (HDPE), OR EQUAL, WITH WATERTIGHT JOINTS WHERE INSTALLED WITHIN THE SEASONAL HIGH GROUNDWATER, UNLESS NOTED OTHERWISE ON THE PLANS OR IN THE SPECIFICATIONS ALL DRAINAGE STRUCTURES MUST BE WATERTIGHT. ALL STORMWATER PIPE WITHIN THE STATE'S RIGHT OF WAY MUST BE REINFORCED CONCRETE PIPE (RCP).

DRAINAGE STRUCTURES MUST BE AS FOLLOWS (UNLESS OTHERWISE NOTED ON PLANS):

- DRAINAGE MANHOLES (DMH): MASSDOT STD. 202.4.0 OR APPROVED EQUAL DRAINAGE MANHOLE FRAMES AND COVERS: MASSDOT STD. 202.6.0 OR APPROVED EQUAL
- ALL CATCH BASINS WITHIN PARKING LOT MUST CONTAIN HOODS, AND INCLUDE 4' SUMP. ALL MANHOLES MUST SUPPORT AASHTO HS20-44 LOADING.
- ALL STRUCTURES LABELED 'PD' ARE PROPRIETARY STORMWATER DEVICES, PD-XX IS MODEL • FOR ALL OTHER DRAINAGE STRUCTURES: IT IS THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE APPROPRIATE STRUCTURE TOP REQUIRED (E.G. CONE TOP, FLAT TOP ETC) TO MEET THE DESIGN PARAMETERS AS SHOWN ON THESE PLANS, INCLUDING (BUT NOT LIMITED TO) THE RELATIONSHIP BETWEEN FINISH SURFACE ELEVATION/ DEPTH TO PIPE INVERTS AND MEETING MANUFACTURER/ AHJ REQUIREMENTS & SPECIFICATIONS.

DRAINAGE CONNECTIONS FROM ALL YARD DRAINS (YD), AREA DRAINS (AD), TRENCH DRAINS (TD), FRENCH DRAINS (FD), WALL DRAINS (WD), AND DOWNSPOUTS (DS) ARE SHOWN FOR SCHEMATIC PURPOSES ONLY. THE LEVEL OF DETAIL SHOWN DOES NOT INCLUDE ALL JOINTS THAT MAY BE REQUIRED FOR CONSTRUCTION. ALL FITTINGS AND PIPE SLOPES TO TIE INTO MAIN TRUNK LINE MUST BE FIELD FIT BY CONTRACTOR.

ALL WATER LINES MUST BE CEMENT LINED DUCTILE IRON PIPE (CLDIP). ALL WATER MAIN IMPROVEMENTS MUST COMPLY WITH THE TOWN OF BOLTON WATER & SEWER AUTHORITY AND ANY APPLICABLE AUTHORITY HAVING JURISDICTION, INCLUDING (BUT NOT LIMITED TO) MATERIALS, DIMENSIONS AND ACCESS COVERS, CONTRACTOR TO PROVIDE SHOP DRAWINGS AND SUBMITTALS TO THE ENGINEER OF RECORD FOR APPROVAL FOR ALL WATER IMPROVEMENTS AND APPURTENANCES INCLUDING BUT NOT LIMITED TO PIPES, VALVES, FITTINGS, HEAT ENCLOSURES, AND BACKFLOWS.

PROPOSED GAS, ELECTRIC, CABLE AND DATA UTILITIES ARE SHOWN SCHEMATICALLY AND ARE PROPOSED TO BE UNDERGROUND. OWNER AND CONTRACTOR MUST COORDINATE FINAL DESIGN WITH APPROPRIATE UTILITY COMPANIES. ALL WORK MUST BE IN ACCORDANCE WITH EACH UTILITY COMPANY'S STANDARDS AND DETAILS, AS WELL AS LOCAL AND FEDERAL REGULATIONS. THIS INCLUDES BUT IS NOT LIMITED TO POLES, TRANSFORMERS, PULL BOXES, CONCRETE PADS, CONCRETE ENCASEMENTS AND CONDUITS. CONNECTION POINTS FOR ELECTRIC AND TELECOM UTILITIES, AT THE EXISTING INFRASTRUCTURE, ARE CURRENTLY SHOWN AS UNDERGROUND UTILITIES. THESE UTILITIES MAY BE UNDERGROUND OR OVERHEAD AND MUST BE COORDINATED WITH NATIONAL GRID/APPROPRIATE UTILITY AUTHORITY PRIOR TO CONSTRUCTION.

TE LIGHTING (TEMPORARY AND PERMANENT) MUST BE DIRECTED AWAY FROM AND SHIELDED FROM ENVIRONMENTALLY SENSITIVE AREAS AND ABUTTING LANDS. EXACT LOCATIONS OF LIGHT POLE MUST BE COORDINATED WITH OTHER UTILITIES AND MUST BE LOCATED WITHIN THE STREET RIGHTS OF WAY. FINAL LIGHTING AND CONDUIT LOCATIONS BY OTHERS.

ABBREVIATIONS LEGEND

CEC

LAR

ADA	AMERICANS WITH DISABILITY ACT	(M)	MEASURED
AHJ	AUTHORITY HAVING JURISDICTION	MEP	MECHANICAL/ELECTRICAL/ PLUMBING
AP	ASSESSOR'S PLAT		ENGINEER
ARCH	ARCHITECT	N/F	NOW OR FORMERLY
BC	BOTTOM OF CURB	OHW	OVERHEAD WIRE
BT	BOTTOM OF TESTHOLE	PE	POLYETHYLENE
BIT	BITUMINOUS (BERM)	ዊ	PROPERTY LINE
BIO	BIORETENTION	PR	PROPOSED
BS	BASEMENT SLAB ELEVATION	PVC	POLYVINYL CHLORIDE
BW	FINISHED GRADE AT BOTTOM OF WALL	R	RADIUS
СВ	CATCH BASIN	R&D	REMOVE AND DISPOSE
(C)	CALCULATED	RCP	REINFORCED CONCRETE PIPE
¢.	CENTERLINE	RL	ROOF LEADER
(CA)	CHORD ANGLE	ROW	RIGHT-OF-WAY
CLDIP	CONCRETE LINED DUCTILE IRON PIPE	S	SLOPE
CEOR	CIVIL ENGINEER OF RECORD. DIPRETE	SD	SUBDRAIN
	ENGINEERING UNLESS DESIGNATED	SED	SEDIMENT FOREBAY
	OTHERWISE BY OWNER	SF	SQUARE FOOT
CO	CLEAN OUT	SFL	STATE FREEWAY LINE
CONC	CONCRETE	SFM	SEWER FORCE MAIN
(D)	DEED	SG	SLAB ON GRADE ELEVATION
DCB	DOUBLE CATCH BASIN	SHL	STATE HIGHWAY LINE
DI	DROP INLET	SMH	SEWER MANHOLE
DMH	DRAINAGE MANHOLE	SNDF	SAND FILTER
DP	DETENTION POND	SS	SIDE SLOPE
ELEV	ELEVATION	STA	STATION
EOP	EDGE OF PAVEMENT	ТС	TOP OF CURB
ESC	EROSION AND SEDIMENT CONTROL	TD	TRENCH DRAIN
EX	EXISTING	TF	TOP OF FOUNDATION
FES	FLARED END SECTION	TRANS	TRANSITION
FFE	FINISH FLOOR ELEVATION	ΤW	TOP OF WALL (FINISHED
GS	GARAGE SLAB ELEVATION		GRADE AT TOP OF WALL)
GWT	GROUND WATER TABLE	TYP	TYPICAL
HW	HEADWALL		UNDERGROUND
HC	HIGH CAPACITY CATCH BASIN GRATE	000	DETENTION SYSTEM
HDPE	HIGH DENSITY POLYETHYLENE	2111	UNDERGROUND
ID	INLINE DRAIN	010	INFILTRATION SYSTEM
INV	INVERT	IIP	UTILITY POLE
IP	INFILTRATION POND	WO	WALKOUT ELEVATION
LARCH	LANDSCAPE ARCHITECT	WO	WATER QUALITY
LF	LINEAR FEET	VVQ	
LOD	LIMIT OF DISTURBANCE		

NOT ALL ITEMS SHOWN WILL APPEAR ON PLANS

LP LIGHT POLE

- (107.2.0) MASSDOT STD WHEELCHAIR RAMPS LESS THAN 12'-4" SIDEWALK
- ADA SPACE PAVEMENT MARKINGS MUST COMPLY WITH ALL ADA
- AND MUTCD REGULATIONS AND REQUIREMENTS.
- ADA CURB RAMP MUST COMPLY WITH ALL ADA REGULATIONS AND (ADAR) REQUIREMENTS.
- VAN ADA SPACE PAVEMENT MARKINGS MUST COMPLY WITH ALL ADA ADAV AND MUTCD REGULATIONS AND REQUIREMENTS.

EXISTING LEGEND

(AS SHOWN ON PROPOSED PLANS) NOT ALL ITEMS SHOWN WILL APPEAR ON PLANS

	PROPERTY LINE
	ASSESSORS LINE
	BUILDING
	BRUSHLINE
	TREELINE
	GUARDRAIL
X X	FENCE
^	RETAINING WALL
	STONE WALL
2	MINOR CONTOUR LINE
I0	MAJOR CONTOUR LINE
	WATER LINE
S S	SEWER LINE
	SEWER FORCE MAIN
G	GAS LINE
	ELECTRIC LINE
	OVERHEAD WIRES
	DRAINAGE LINE
НКС	SOILS LINES
	25' WETLAND BUFFER
· · · · · ·)	100' BUFFER ZONE
	200' RIVERFRONT AREA
ZONE X	FEMA BOUNDARY
	STREAM
BI B2	WETLAND LINE & FLAG
	STATE HIGHWAY LINE
	STATE FREEWAY LINE
↑ GWO ↑	GROUNDWATER OVERLAY
↑ GWRA ↑	GROUNDWATER RECHARGE
↑ GWR ↑	GROUNDWATER RESERVOIR
PROPOSED LEGEND	
NOT ALL ITEMS SHOWN WILL APP	EAR ON PLANS
	PROPERTY LINE
	BUILDING SETBACKS
-00	CHAINLINK FENCE

-00	CHAINLINK FENCE
	GUARDRAIL SEE LAYOU MATERIALS NOTE 10.
	RETAINING WALL
	MINOR CONTOUR LINE
310	MAJOR CONTOUR LINE
+(312)	SPOT ELEVATION
	EDGE OF PAVEMENT
	BITUMINOUS BERM
	CONCRETE CURB
	MONOLITHIC CONCRETE CURB AND SIDEWALK
	BUILDING FOOTPRINT
	BUILDING OVERHANG
	ASPHALT PAVEMENT
	HEAVY DUTY ASPHALT PAVEMENT
	HEAVY DUTY CONCRET
4	CONCRETE
///////////////////////////////////////	ASPHALT SIDEWALK
	SAWCUT LINE
●	SIGN
G. / G.	ACCESSIBLE PARKING S SYMBOLS



GUARDRAIL SEE LAYOUT AND

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IRON ROD FOUND/SET
BOUND FOUND/SET
SIGN
BOLLARD
SOIL EVALUATION
CATCH BASIN
DOUBLE CATCH BASIN
DRAINAGE MANHOLE
FLARED END SECTION
GUY POLE
ELECTRIC MANHOLE
UTILITY/POWER POLE
LIGHTPOST
SEWER/SEPTIC MANHOLE
SEWER VALVE
CLEANOUT
HYDRANT
IRRIGATION VALVE
WATER VALVE
WELL
MONITORING WELL
UNKNOWN MANHOLE
GAS VALVE
BENCH MARK
STREAM FLOW DIRECTION

_____<u>*</u>

____ ___

 $\Box \bigcirc$

NAIL FOUND/SET

DRILL HOLE FOUND/SET

DRAINAGE LINE SD PERFORATED SUBDRAIN $- \rightarrow - \rightarrow - \rightarrow - \rightarrow - - \rightarrow - - \rightarrow -$ SWALE SEWER FORCE MAIN GAS LINE _____ G _____ WATER LINE _____ W/ _____ HYDRANT ASSEMBLY WATER SHUT OFF WATER VALVE THRUST BLOCK SEWER LINE _____ OHW _____ OVERHEAD WIRE ELECTRIC, TELEPHONE, CABLE —— FTC ——— LIMIT OF DISTURBANCE/ _ _ _ _ _ _ LIMIT OF CLEARING SLOPES STEEPER THAN 3:1 (2:1 **** OR I: I SLOPES) UNDERGROUND INFILTRATION OUTLINE POND ACCESS RIPRAP SAND FILTER CATCH BASIN DOUBLE CATCH BASIN DRAINAGE MANHOLE FLARED END SECTION HEADWALL SEWER MANHOLE SINGLE LIGHT DOUBLE LIGHT OVERHANGING LIGHT

DD ш \square BRANDON CIVIL No. 51472 ഗ 5 മ О∣ш Z \mathbf{O} ы С **ш**|О7 ∟ш∶ Ш 🗧 S Ω Ω \mathbf{O}

NOTE: THIS PLAN SET MUST BE REPRODUCED IN COLOR

ACCESSIBLE PARKING SPACE

BUILDING INGRESS/EGRESS

HEAVY DUTY CONCRETE

JTILITY NOTE

ALL UNDERGROUND UTILITIES SHOWN ON THESE PLANS WERE PROVIDED BY OTHERS AND ARE APPROXIMATE ONLY. LOCATIONS MUST BE DETERMINED IN THE FIELD BEFORE EXCAVATION, BLASTING, UTILITY INSTALLATION, BACKFILLING, GRADING, PAVEMENT RESTORATION, AND ALL OTHER SITE WORK. ALL UTILITY COMPANIES, PUBLIC AND PRIVATE, MUST BE CONTACTED INCLUDING THOSE IN CONTROL OF UTILITIES NOT SHOWN ON THESE DOCUMENTS. CONTACT DIG SAFE A MINIMUM OF 72 WORKING HOURS PRIOR TO ANY CONSTRUCTION AT 811, DIG SAFE IS RESPONSIBLE FOR CONTACTING MEMBER UTILITY COMPANIES. DIG SAFE MEMBER UTILITY COMPANIES ARE RESPONSIBLE TO MARK ONLY THE FACILITIES THAT THEY OWN OR MAINTAIN. NON DIG SAFE MEMBER COMPANIES ARE NOT NOTIFIED BY DIG SAFE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INVESTIGATE AND NOTIFY IF ANY PRIVATELY OWNED OR NON DIG SAFE MEMBER UTILITIES ARE IN THE AREA.

PER THE CODE OF FEDERAL REGULATIONS - TITLE 29, PART 1926 IT IS THE SITE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ACCURATE UNDERGROUND UTILITY LINE LOCATIONS FROM THE UTILITY COMPANIES, UTILITY OWNERS AND, OR VIA UNDERGROUND UTILITY LOCATION EQUIPMENT AS NEEDED TO ESTABLISH ACCURATE LOCATIONS PRIOR TO ANY EXCAVATION. THE USE OF PROFESSIONAL UTILITY LOCATING COMPANIES PRIOR TO ANY EXCAVATION IS RECOMMENDED.

DIPRETE ENGINEERING IS NOT A PROFESSIONAL UTILITY LOCATION COMPANY, AND IS NOT RESPONSIBLE FOR UNDERGROUND UTILITIES, DEPICTED OR NOT, EITHER IN SERVICE OR ABANDONED. ANY SIZES, LOCATIONS, EXISTENCE, OR LACK OF EXISTENCE OF UTILITIES SHOWN ON THESE PLANS SHOULD BE CONSIDERED APPROXIMATE UNTIL VERIFIED BY A PROFESSIONAL UTILITY LOCATION COMPANY. DIPRETE ENGINEERING ASSUMES NO RESPONSIBILITY FOR DAMAGES INCURRED.

PERMIT NOTE:

THE INTENT OF THESE PLANS IS TO PROVIDE A PERMITTING SET TO THE REGULATORY AGENCY SUBMITTED. THESE PLANS CONTAIN THE REQUIRED INFORMATION NECESSARY FOR APPROVAL TO THE SPECIFIC AGENCY SUBMITTED AND MAY NOT HAVE INFORMATION NECESSARY FOR OTHER REGULATORY AGENCIES. THIS SET MUST NOT BE CONSTRUED AS A FULL CONSTRUCTION OR BID SET. ADDITIONAL DETAIL IS REQUIRED FOR CONSTRUCTION AND BID DOCUMENTS, SUCH AS BUT NOT LIMITED TO, FINE GRADING, GRADING BETWEEN THE CONTOUR INTERVAL, ADDITIONAL SURVEY/MAPPING, BUILDING SHAPE/LOCATION, ADA, UTILITY CONNECTIONS, UTILITY CROSSINGS. SURFACE AND GROUND WATER MITIGATION, SOIL STABILITY AND CONSISTENCY, SPECIFIC END USER NEEDS, CONSTRUCTABILITY ISSUES, ETC. ANY USER OF THESE PLANS SHOULD UNDERSTAND THIS LIMITATION.





		PLANT SCHEDULE					
		SHRUBS	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE
		+	НА	4	Hydrangea arborescens 'Incrediball'	Incrediball White Hydrangea	18" HT MIN
	CAL						
	3" CAL MIN	(+)	IGS	6	Ilex glabra 'Shamrock'	Shamrock Inkberry Holly	I8" HT MIN
		+	RK	11	Rosa x `Knockout` TM	KNOCKOUT ROSE	18" HT MIN
	3" CAL MIN	GRASSES	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE
		*	CKF	21	Calamagrostis x acutiflora `Karl Foerster`	Feather Reed Grass	2 gal
3" CAL MIN	3" CAL MIN	*	РАН	30	Pennisetum alopecuroides `Hameln`	HAMELN DWARF FOUNTAIN GRASS	2 gal
		ANNUALS/PERENNIALS	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE
	\odot	нн	7	HEMEROCALLIS X `HAPPY RETURNS`	HAPPY RETURNS DAYLILY	I GAL	
	3" CAL MIN	(+)	NW	2	NEPETA X FAASSENII `WALKERS LOW`	WALKERS LOW CATMINT	I GAL

- AT A RATE OF 5-7 LBS. PER 1,000 SF OR AS DIRECTED BY TOWN. ANY SOD (TURF) UTILIZED SHALL BE DROUGHT TOLERANT ENDOPHYTES OR PREDOMINANTLY FESCUE IN CHARACTER. STORMWATER SYSTEMS SHALL BE SEEDED PER POND DETAILS OR AS NOTED.
- II. RECOMMENDED DATES FOR PLANTING ARE MARCH 15 TO JUNE 15 AND SEPTEMBER 15 TO NOVEMBER 15.
- 12. ALL LANDSCAPED AREAS SHALL BE KEPT FREE OF WEEDS AND DEBRIS. ALL VEGETATION WITHIN SAID AREAS SHALL BE MAINTAINED FREE OF PHYSICAL DAMAGE CAUSED BY CHEMICALS, INSECTS, DISEASES, LACK OF WATER OR OTHER CAUSES. DAMAGED PLANTS SHALL BE REPLACED WITH THE SAME OR SIMILAR VEGETATION ON AN ANNUAL BASIS.

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- 13. LOAM MOVED ON SITE TO BE STOCKPILED AND RETAINED AND TO BE USED AS REQUIRED FOR THE LANDSCAP DESIGN. LOAM SHALL NOT BE MIXED WITH ANY UNSUITABLE MATERIALS OR SUBSOIL. EXCESS LOAM TO REMAIN ON THE OWNER'S PROPERTY AND ONLY REMOVED WITH THE OWNERS PERMISSION. NEW LOAM SHALI BE FRIABLE, FERTILE, MEDIUM TEXTURED SANDY LOAM THAT IS FREE OF TOXIC MATERIALS FOR HEALTHY PLANT GROWTH AND SURVIVAL. LOAM SHALL BE FREE OF MATTER I" OR GREATER IN DIAMETER AND WHEN TESTED SHALL HAVE A PH BETWEEN 5.5 AND 7.5. CONTRACTOR TO PROVIDE 8 INCHES OF GOOD QUALITY, LOAM AND/OR REUSE EXISTING LOAM TO PROVIDE A MINIMUM 6 INCH DEPTH.
- 14. FORMING AND PLANTING OF THE PROPOSED BERM TO BE COMPLETED WITHIN THE FIRST 4 MONTHS OF CONSTRUCTION (AS LONG AS THAT FALLS WITHIN THE PLANTING SEASON) AND A 2-YEAR MONITORING AND PLANT GUARANTEE ON THE PLANTS ON THE BERM IS REQUIRED. SCREENING PLANTING TO BE PRUNED IF NEEDED TO MAINTAIN APPROPRIATE DENSITY AND HEIGHT.
- 15. ANY DISTURBED AREA DURING CONSTRUCTION SHALL BE RESTORED TO THEIR ORIGINAL STATE BY THE CONTRACTOR BEFORE COMPLETION OF THE PROJECT. 16. IRRIGATION BY OTHERS.
- 17. LIGHTING PHOTOMETRICS/DESIGN BY OTHERS.
- 18. THIS PLAN IS FOR LANDSCAPE PLANTING ONLY.
- 19. ALL VEGETATION OUTSIDE THE LIMIT OF WORK SHOWN WILL BE PRESERVED.

