# SECURITY ENTRANCE ADDITION TJX DISTRIBUTION CENTER

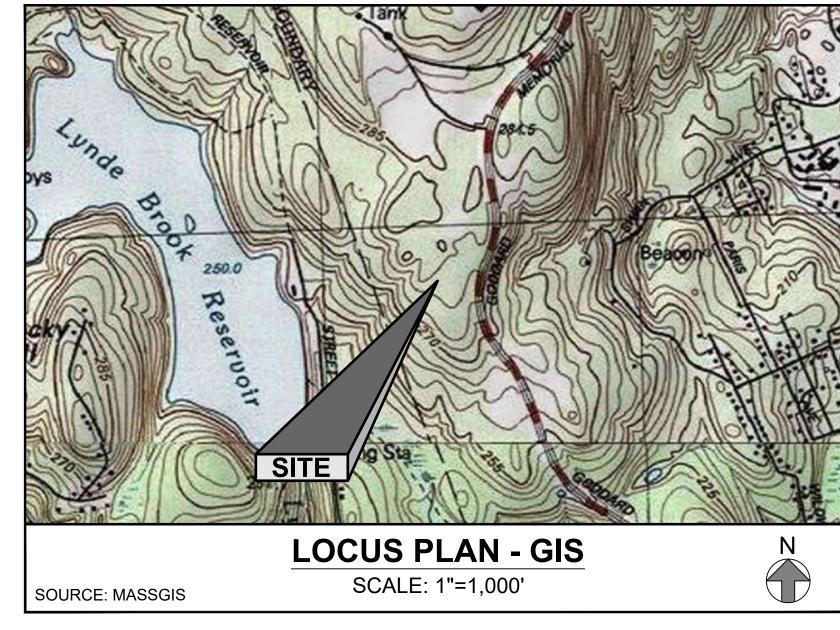
135 GODDARD MEMORIAL DRIVE WORCESTER, MA 01603

SHEE	T INDEX	
No.	Title	Issue Date
C001	Cover Sheet	December 17, 2024
C101	Existing Conditions Plan	December 17, 2024
C102	Site Demo & Sediment and Erosion Control Plan	December 17, 2024
C103	Layout Plan	December 17, 2024
C104	Grading Plan	December 17, 2024
C105	Landscaping Plan	December 17, 2024
C501	Site Details - 1	December 17, 2024
C502	Site Details - 2	December 17, 2024

REFERENCE PLAN INDEX				
No.	Title	Issue Date		
A1.0	Floor Plan (prepared by Main Street Architects)	December 13, 2024		
A3 0	Exterior Elevations (prepared by Main Street Architects)	December 5, 2024		

REVISIONS/ISSUES					
No.	Note	Date			
1	Issued for Permitting	December 17, 2024			





### **APPLICANT**

The TJX Companies, Inc. 300 Value Way Marlborough, MA 01752

### **OWNER**

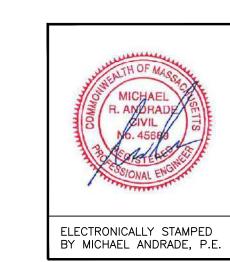
NBC Second Realty Corp. 300 Value Way Marlborough, MA 01752

### **ARCHITECT**

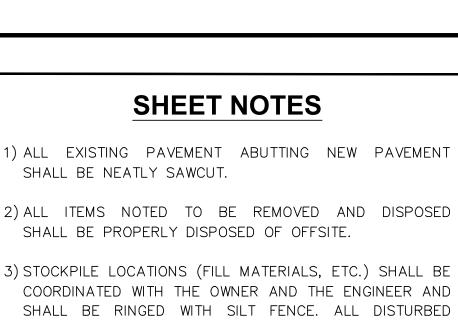
Main Street Architects, Inc. 25 Mathewson Drive, Suite 120 Weymouth, MA 02189



100 GROVE STREET | WORCESTER MA 01605 T 508-856-0321 | F 508-856-0357 gravesengineering.com







AREAS INCLUDING STOCKPILES, THAT WILL NOT BE RE-DISTURBED WITHIN 14 DAYS SHALL BE STABILIZED BY THE 14TH DAY AFTER THE LAST DISTURBANCE.

4) THE CONTRACTOR SHALL EMPLOY ANY AND ALL EROSION AND SEDIMENT CONTROL MEASURES TO

5) SEDIMENT AND EROSION CONTROLS SHALL BE INSTALLED PRIOR TO THE START OF ANY SITE WORK.

PREVENT A RELEASE OF SEDIMENT FROM THE SITE.

6) SEDIMENT TRACKED ONTO ROADWAYS ADJACENT TO THE SITE SHALL BE SWEPT CLEAN AND REMOVED EACH DAY.

### **SHEET KEY**

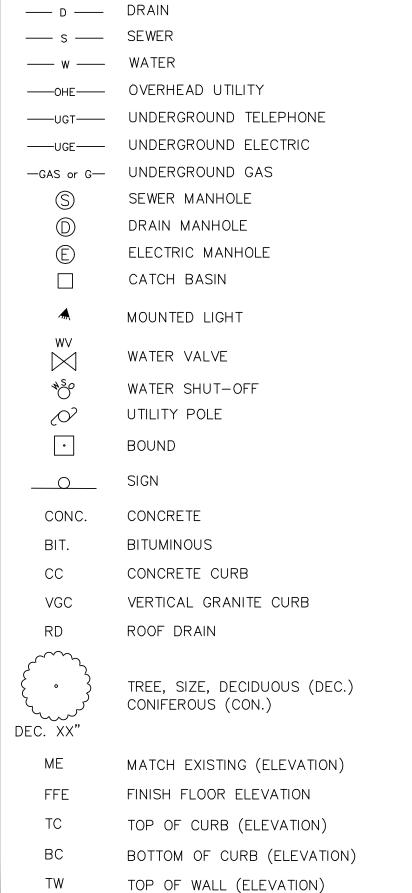
FEATURES MARKED AS P SHALL BE PROTECTED

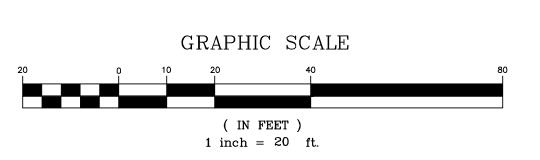
FEATURES MARKED AS SHALL BE R&D

R&D = REMOVE AND DISPOSE (OFFSITE)

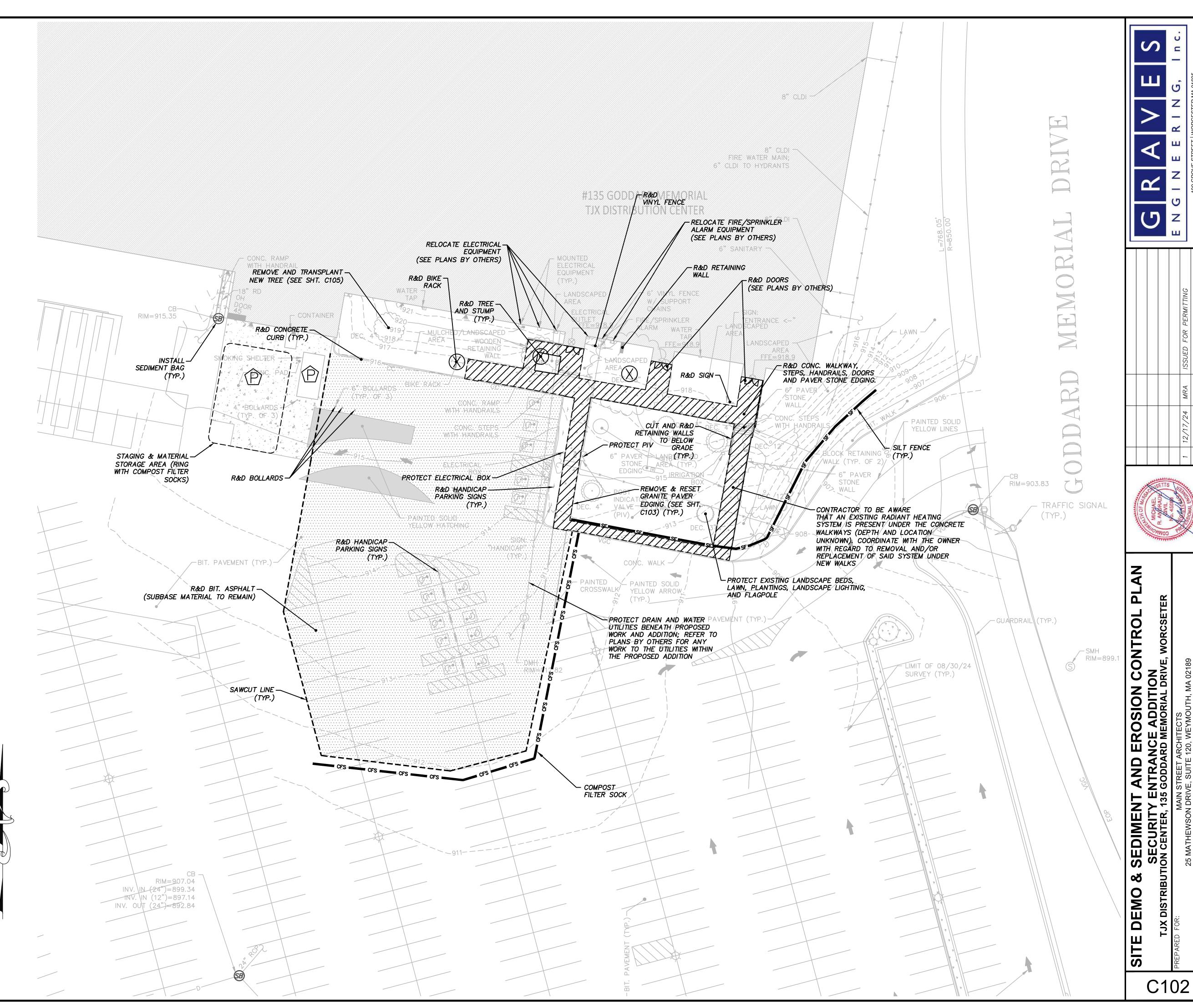
R&D SITE FEATURE

# **LEGEND**DRAIN





BOTTOM OF WALL (ELEVATION)



F	PROJECT ZON	ING INFORMATION	
<u>CRITERIA</u>	REQUIRED	EXISTING	PROPOSED
USE	NA	DISTRIBUTION CENTER	SAME
ZONING DISTRICT	A-1	A-1	A-1
OVERLAY DISTRICT	NONE	NONE	NONE
MINIMUM LOT AREA	NA	35.17 ACRES	SAME
MINIMUM FRONTAGE	NA	1,548.0 FT.	SAME
FRONT SETBACK	15 FT.	25.1 FT.	SAME
SIDE SETBACK	10 FT.	57.9 FT.	SAME
REAR SETBACK	10 FT.	169.7 FT.	SAME
MAXIMUM BLDG. STORIES	NA	1	SAME
MAXIMUM BLDG. HEIGHT	NA	±45 FT.	SAME
BLDG. LOT COVERAGE	NA	32.8%	33.0%
MAXIMUM F.A.R.	NA	NA	NA
LANDSCAPE PARKING BUFFER	5 FT.	>5 FT.	SAME
LOT IMPERVIOUS COVERAGE	NA	56.9%	57.1%

ZONING INFORMATION SOURCE: THE ABOVE INFORMATION WAS OBTAINED FROM THE CITY OF WORCESTER ZONING ORDINANCE, AMENDED THROUGH JANUARY 9, 2024.

FOOTNOTES:

NA= NOT APPLICABLE

### **SHEET NOTES**

1) ALL JOINTS OF EXISTING & PROPOSED BITUMINOUS PAVEMENT SHALL BE SEALED WITH HOT RUBBERIZED ASPHALT JOINT SEALANT AND SANDED.

2) THE FACILITY WILL REMAIN OCCUPIED DURING CONSTRUCTION. WORK SHALL BE COORDINATED WITH THE OWNER AND CONDUCTED IN A MANNER TO MINIMIZE DISRUPTION AND PROVIDE SAFE, ACCESSIBLE ROUTES DURING CONSTRUCTION.

3) PAVEMENT MARKINGS SHALL BE PAINTED WITH WHITE TRAFFIC PAINT CONFORMING TO SECTION M7.01.08 OF THE MASSDOT STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES, LATEST EDITION. LINE WIDTH SHALL BE 4 INCHES. HANDICAP SYMBOL MARKINGS SHALL COMPLY WITH 521 CMR WITH WHITE SYMBOL ON BLUE BACKGROUND.

	SIGNAGE KEY						
051 15	EEDEDAL ID	SIGN SIZE		CION LAVOUT	QUANTITY		
GEI ID	FEDERAL ID	WIDTH	HEIGHT	SIGN LAYOUT	Q07((\(\frac{1}{1}\)\)		
S-1	R7-8	12"	18"	RESERVED PARKING	14		
S-2	R7-8a	12"	6"	VAN ACCESSIBLE	14		

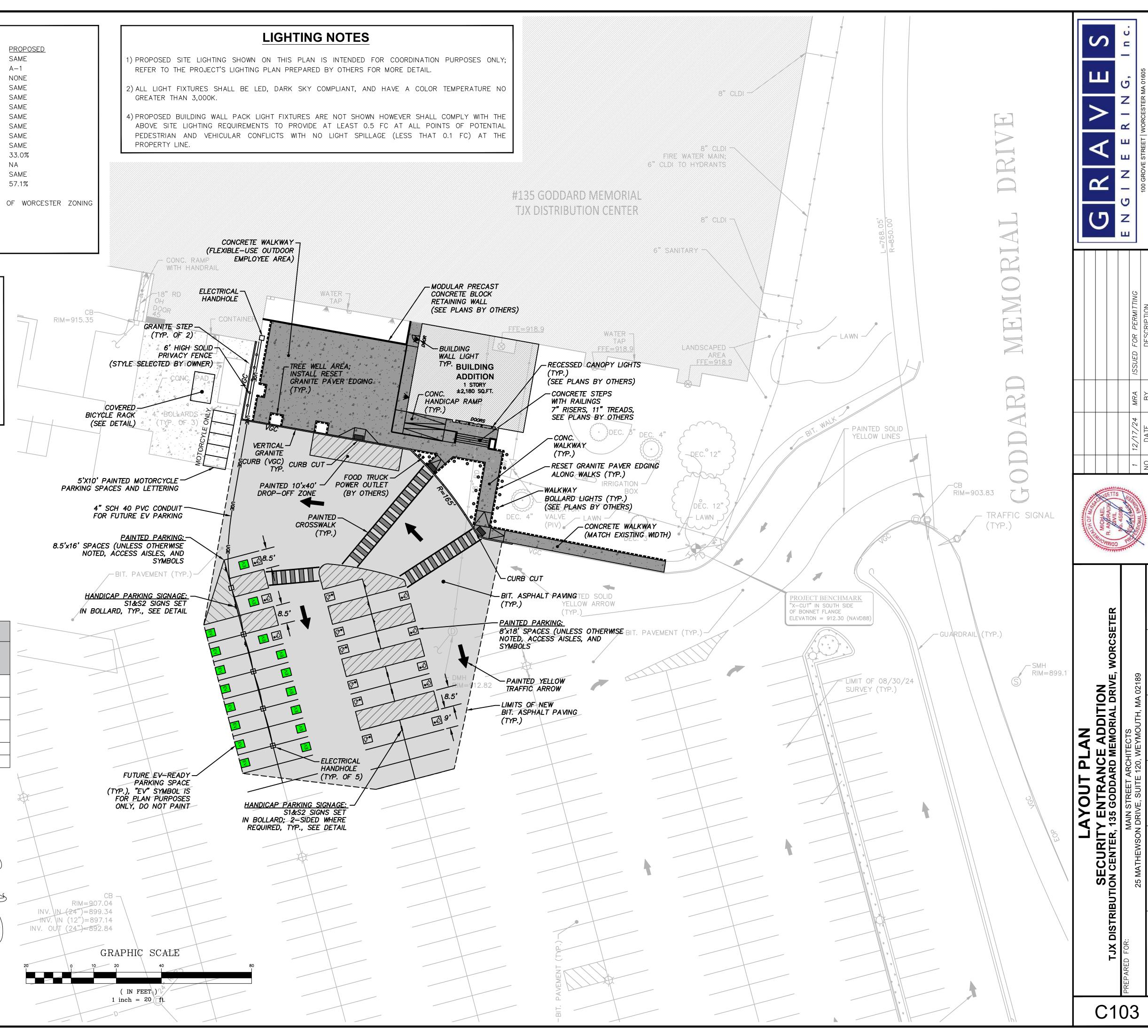
PARKING SCHEDULE					
ITEM	CALCULATION	PARKING REQUIREMENT			
MANUFACTURING (1)	475,000 SQ.FT. x 1 SPACE/1,000 SQ.FT.	475 SPACES			
WAREHOUSE/STORAGE	166,000 SQ.FT. x 1 SPACE/3,000 SQ.FT	56 SPACES			
OFFICE	36,000 SQ.FT. x 1 SPACE/300 SQ.FT.	120 SPACES			
TOTAL REQUIRED PARKING	_	651 SPACES			
TOTAL PROVIDED PARKING	_	<b>655 SPACES</b> (2)			

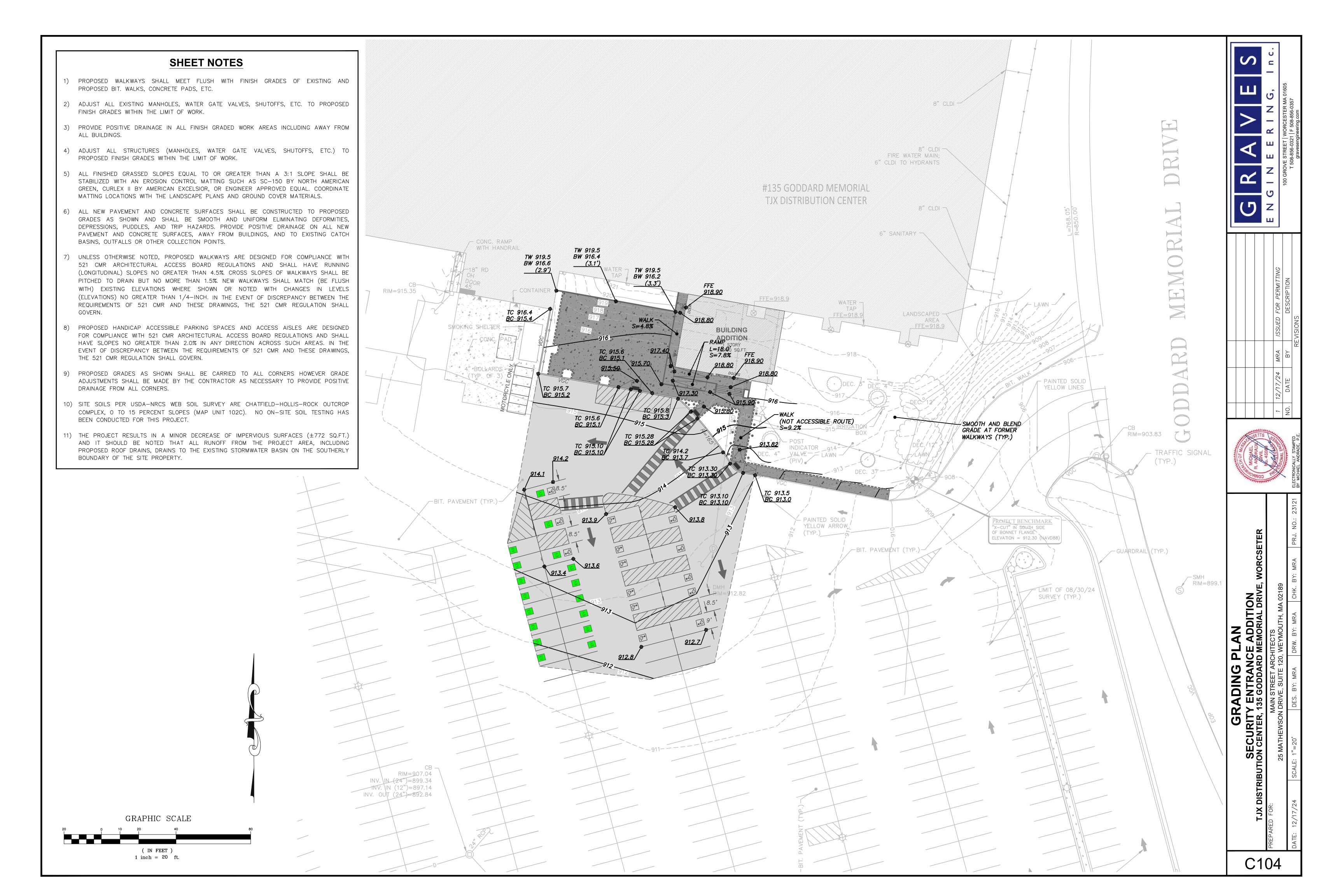
### NOTES:

- (1) INCLUDES PRODUCTION/FREIGHT HANDLING AREA
- (2) THE PROPOSED PARKING CONSISTS OF THE FOLLOWING:
  641 STANDARD SPACES; 14 EV-READY
  14 VAN ACCESSIBLE HANDICAP SPACES; 3 EV-READY
  17 TOTAL EV-READY SPACES (2.6% OF TOTAL PARKING)

### **SNOW STORAGE NOTES**

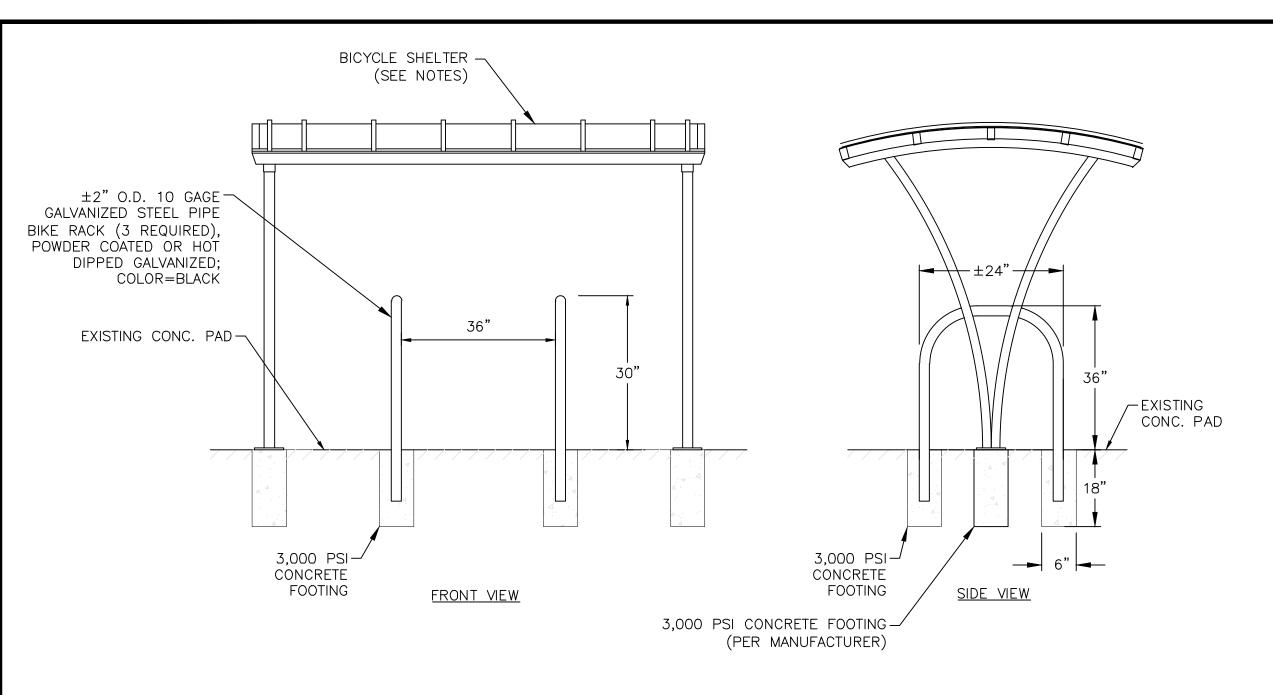
SNOW STORAGE IS LOCATED ONSITE BUT OUTSIDE OF THE PROJECT AREA SHOWN ON THESE DRAWINGS. SNOW SHALL NOT BE PLACED SO AS TO INHIBIT VEHICLE SIGHT LINES FOR ENTERING AND EXITING THE SITE AND INTERNAL SITE CIRCULATION NOR PLACED TO INHIBIT SITE DRAINAGE. EXCESS SNOW SHALL BE HAULED OFF—SITE AS NECESSARY.





### **SHEET NOTES** 1) ALL PLANTINGS SHALL BE ASIAN LONGHORN BEETLE AND EMERALD ASH BORER RESISTANT, NON-HOST SPECIES. SPECIES NOTED ON THIS PLAN MAY BE SUBSTITUTED WITH THE APPROVAL OF THE ENGINEER. 8" CLDI -2) ALL PLANTINGS SHALL BE WATERED AND FERTILIZED AS NECESSARY UNTIL ESTABLISHED. THE CONTRACTOR SHALL INSTALL A SLOW-RELEASE WATERING BAG AT EACH TREE PLANTING. 3) TREES SHALL BE SUPPORTED BY TEMPORARY STAKING AS NECESSARY UNTIL ESTABLISHED. 8" CLDI -FIRE WATER MAIN; 5) PERENNIAL ORNAMENTAL GRASS PLANTING AREAS SHALL CONSIST OF AN EVEN DISTRIBUTION OF AT LEAST THREE NATIVE SPECIES; ACCEPTABLE GRASS SPECIES SHALL BE SWITCHGRASS (PANICUM), FOUNTAINGRASS (PENNISETUM), AND BLUE OAT 6" CLDI TO HYDRANTS GRASS (HELICTOTRICHON), OR OTHER SPECIES AS APPROVED BY THE ENGINEER. 4) PERENNIAL SHRUB PLANTING AREAS SHALL CONSIST OF AN EVEN DISTRIBUTION OF AT LEAST THREE NATIVE SPECIES; #135 GODDARD MEMORIAL ACCEPTABLE SHRUB SPECIES SHALL BE AUTUMN BONFIRE RHODODENDRON (ROBLEZA), GRO-LO SUMAC (RHUS GLABRA), TJX DISTRIBUTION CENTER AND SUNBURST ST. JOHN'S WORT (HYPERICUM FRONDOSUM), OR OTHER SPECIES APPROVED BY THE ENGINEER. 8" CLDI -X 4) PERENNIAL FLOWER PLANTING AREAS SHALL CONSIST OF AN EVEN DISTRIBUTION OF AT LEAST SIX NATIVE SPECIES; CONTRACTOR TO SUBMIT PROPOSED SPECIES TO BE APPROVED BY THE ENGINEER. 6" SANITARY — -INSTALL RIVER ROCK GROUND COVER 5) GROUND SURFACING WHERE NOTED SHALL BE A MINIMUM 5 INCH DEEP LAYER OF ROUNDED RIVER ROCK (GRAY IN COLOR, - CONC. RAMP AVERAGE DIAMETER 2-INCH). BETWEEN RETAINING WALL WITH HANDRAIL AND BUILDING FACE (SEE NOTES) -EXPAND EXISTING MULCHED AND PLANTED AREAS TO **PLANTING LIST** LIMITS SHOWN AND PLANT WITH SHRUB AND FLOWER FFE=918.9 QTY. BOTANICAL NAME COMMON NAME SIZE NOTES CODE SPECIES TO MATCH EXISTING BEDS @ 6" ABOVE GROUND COF CORNUS FLORIDA FLOWERING DOGWOOD 3" CAL. G SHELTER BUILDING CERCIS CANADENSIS EASTERN REDBUD CEC 3" CAL. @ 6" ABOVE GROUND ADDITION LIQUIDAMBAR STRYACIFLUA 1 STORY LIS AMERICAN SWEETGUM 3" CAL. @ 6" ABOVE GROUND ±2,180 SQ.FT. PIP PICEA PUNGENS BABY BLUE SPRUCE 3 GAL. CONTAINER - PAINTED SOLID PERENNIAL ORNAMENTAL GRASS & FLOWER BED: PROVIDE A MIX OF AT LEAST 3 GRASS SPECIES AND 4 PERENNIAL FLOWERS AND INSTALL RIVER YELLOW LINES ROCK GROUND COVER (SEE NOTES) TRANSPLANTED TREE WITH MULCH RING INSTALL RIVER ROCK— GROUND COVER IN TREE WELL PLANTING AREAS RIM=903.83 PERENNIAL GRASS PLANTING BED PROVIDE A MIX OF AT LEAST 3 GRASS SPECIES AND INSTALL RIVER PROVIDE A MIX OF AT LEAST 3 GRASS TRAFFIC SIGNAL SPECIES, 3 SHRUB SPECIES, AND 6 ROCK GROUND COVER NEW MULCH EDGE TO BLEND (SEE NOTES) (TYP.) PERENNIAL FLOWER SPECIES AND INSTALL INTO EXISTING (TYP.) RIVER ROCK GROUND COVER (SEE NOTES) INSTALL 3' WIDE RIVER ROCK GROUND COVER STRIP PARALLEL TO -BIT. PAVEMENT (TYP.)-WALKWAY (SEE NOTES) AINTED SOLID YELLOW ARROW "X-CUT" IN SOUTH SIDE OF BONNET FLANGE ELEVATION = 912.30 (NAVD88) ∕BIT. PAVEM⊭NT (TYP.)· / GUARDRAIL (TYP.) -SMH RIM=899.1 LIMIT OF 08/30/24 SURVEY (TYP.) CB -RIM=907.04 INV. IN (24")=899.34 INV. IN (12")=897.14 INV. OUT (24")=892.84 GRAPHIC SCALE ( IN FEET ) 1 inch = 20 ft.

C105



# OVERFLOW OPENING GEOTEXTILE FABRIC SEDIMENT BAG SEDIMENT ACCUMULATION

-CATCH BASIN

FRAME & GRATE

### CATCH BASIN SEDIMENT BAG NTS

- NOTES:

  1) SEDIMENT BAG SHALL BE SILTSACK BY ACF ENVIRONMENTAL, OR APPROVED EQUAL.
- 2) OIL ABSORPTION MEDIUM MAY ALSO BE PLACED IN BAG (OPTIONAL).
- 3) INSTALL AND MAINTAIN PER MANUFACTURER'S INSTRUCTIONS.

### ┌─6"X6" - W2.9 X W2.9 WELDED TOOLED OR SAWCUT 11/2" DEEP-WIRE MESH 2" CLEAR SPACING CONTROL JOINT; FOR WALKS, PLACE FROM ALL EDGES OF SIDEWALK AT 5' O.C.; FOR PADS OR LARGER SEALED EXPANSION JOINT -AREAS, LAYOUT IN RECTANGULAR WITH JOINT FILLER AND PATTERN SUCH THAT THERE ARE \_4" THICK CONCRETE SEALANT AT 20' O.C. NO SECTIONS LARGER THAN 12'X12' (6" ACROSS CURB CUTS) WITHOUT A JOINT 6" MASSDOT M2.01.7 DENSE-GRADED CRUSHED STONE (COMPACTED TO 95% MODIFIED PROCTOR) COMPACTED

OVERLAP FABRIC —

(TYP. ALL 4 SIDES)

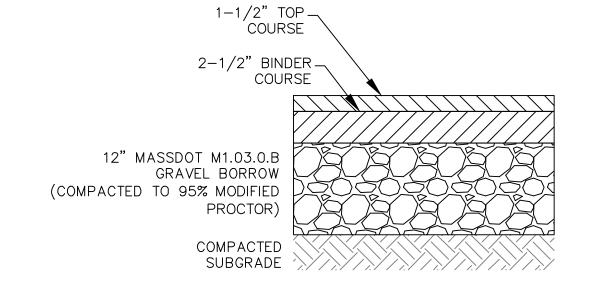
## COVERED BICYCLE RACK NTS

### NOTE:

- 1) IN LIEU OF FOOTINGS, RACKS MAY BE SURFACE MOUNTED TO A CONCRETE OR OTHER HARD SURFACE USING MANUFACTURER'S FLANGES AND APPROPRIATE STAINLESS STEEL ANCHOR BOLTS.
- 2) EACH RACK HAS CAPACITY FOR TWO BICYCLES. FOR MULTIPLE RACKS, SPACE EACH RACK 36 INCHES FROM THE ADJACENT RACK.
- 3) THE BICYCLE SHELTER SHALL BE OF APPROPRIATE SIZE (9'X13' MINIMUM) TO FULLY COVER THREE BICYCLE RACKS. CONFIRM SIZE AND MANUFACTURER WITH THE ENGINEER AND OWNER PRIOR TO ORDERING; DUO—GARD "PARACHUTE" OR ENGINEER AND OWNER APPROVED EQUAL.

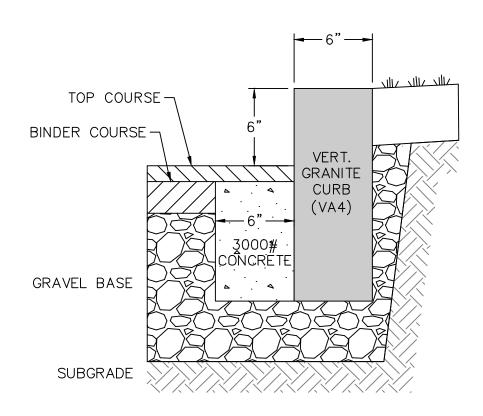
## CONCRETE SIDEWALK NTS

- 1) CONCRETE MIX DESIGN SHALL BE FOR EXTERIOR USE; AIR-ENTRAINED, 4,000 PSI MIN. (28-DAY), 3/4" AGGREGATE.
- 2) WHEN THE WALKWAY ABUTS A STRUCTURE OR EXISTING HARD SURFACE (CONCRETE, ETC,), INSTALL AN EXPANSION JOINT ACROSS THE ENTIRETY OF THE ABUTTING FACE WITH PREFORMED FIBER JOINT FILLER AND FILL WITH 1" DEEP OF POLYURETHANE JOINT SEALANT.
- 3) WALKWAYS SHALL HAVE A LIGHT BROOM FINISH PERPENDICULAR TO THE DIRECTION OF FOOT TRAFFIC. THERE SHALL BE NO SMOOTHED TOOL JOINTS; BROOM FINISH SHALL EXTEND TO THE EDGES OF THE PAD AND ACROSS ANY JOINTS



### PAVEMENT SECTION NTS

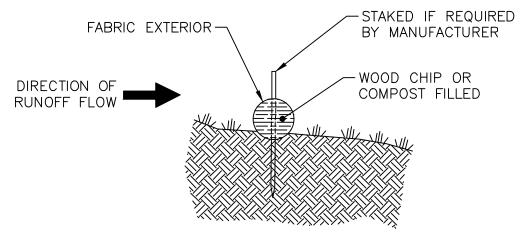
- 1) TAMP ALL ASPHALT EDGES THAT ABUT LAWN, LANDSCAPED OR OTHER SOFT SURFACE.
- 2) <u>BINDER COURSE:</u> MASSDOT M3.11.03, TABLE A, "HMA INTERMEDIATE COURSE DENSE BINDER" OR SUPERPAVE INTERMEDIATE COURSE 19.0MM (MIXTURE DESIGNATION SIC 19.0).
- 3) <u>TOP COURSE:</u> MASSDOT M3.11.03, TABLE A, "SURFACE COURSE STANDARD TOP" OR SUPERPAVE SURFACE COURSE 12.5MM (MIXTURE DESIGNATION SSC 12.5).
- 4) WHERE SHOWN ON PLANS, EXISTING BASE MATERIAL TO REMAIN SHALL BE EVALUATED BY THE ENGINEER FOR SUITABILITY (DEPTH, GRADATION) PRIOR TO PAVING.



SUBGRADE

### VERTICAL GRANITE CURB NTS

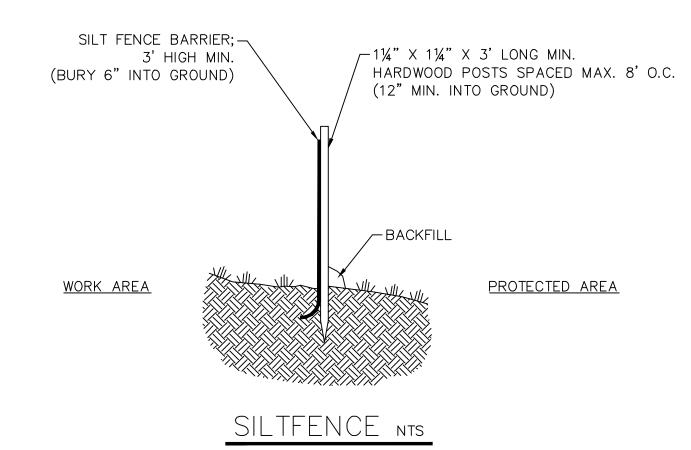
NOTES: THIS DETAIL SHALL ALSO APPLY TO RE—SETTING OF THE EXISTING GRANITE PAVER EDGING TO BE SET ALONG THE NEW WALKWAYS AS SHOWN ON THE PLANS.

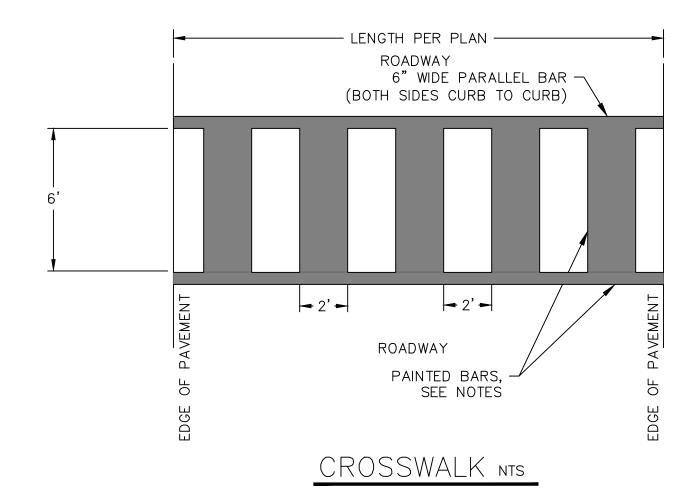


### COMPOST FILTER SOCK NTS

NOTE:

1) PROVIDE A 3' TO 6' LEVEL AREA BETWEEN THE SILT SOCK AND THE TOE OF ANY SLOPE TO PROVIDE AREA FOR SEDIMENT ACCUMULATION.





### NOTES:

- 1) PAVEMENT MARKINGS SHALL COMPLY WITH THE MUTCD, CURRENT EDITION, OR THE ADA AND AAB, LATEST EDITIONS.
- 2) MARKING PAINT SHALL BE IN ACCORDANCE WITH SECTION M7 OF THE MASSDOT STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES. FAST—DRYING, LOW—VOC CHLORINATED TRAFFIC PAINT SHALL BE USED CONFORMING TO SECTION M7.01.10.
- 3) COLOR OF MARKINGS SHALL BE WHITE.



					ISSUED FOR PERMITTING	DESCRIPTION	DEVISIONS
					MRA	ВУ	۵
					12/17/24 MRA	DATE	
					1	ON	
TIC							



SITE DETAILS - 1

SECURITY ENTRANCE ADDITION
IBUTION CENTER, 135 GODDARD MEMORIAL DRIVE, WORCESTER

MAIN STREET ARCHITECTS

25 MATHEWSON DRIVE, SUITE 120, WEYMOUTH, MA 02189

C501

