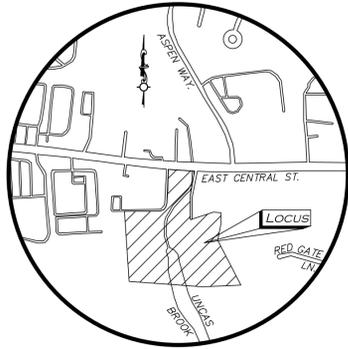


CIVIL SITE PLANS FOR: 40B MULTI-FAMILY SITE DEVELOPMENT 444 EAST CENTRAL STREET FRANKLIN, MA



LOCUS MAP
(NOT TO SCALE)

OWNER:
TAG CENTRAL LLC
275 REGATTA DRIVE
JUPITER, FL 33477
(561) 685-5336

BUILDING ARCHITECT:
CUBE 3 ARCHITECTS
160 STATE ST, FLOOR 6
BOSTON, MA 02109
(978) 989-2800

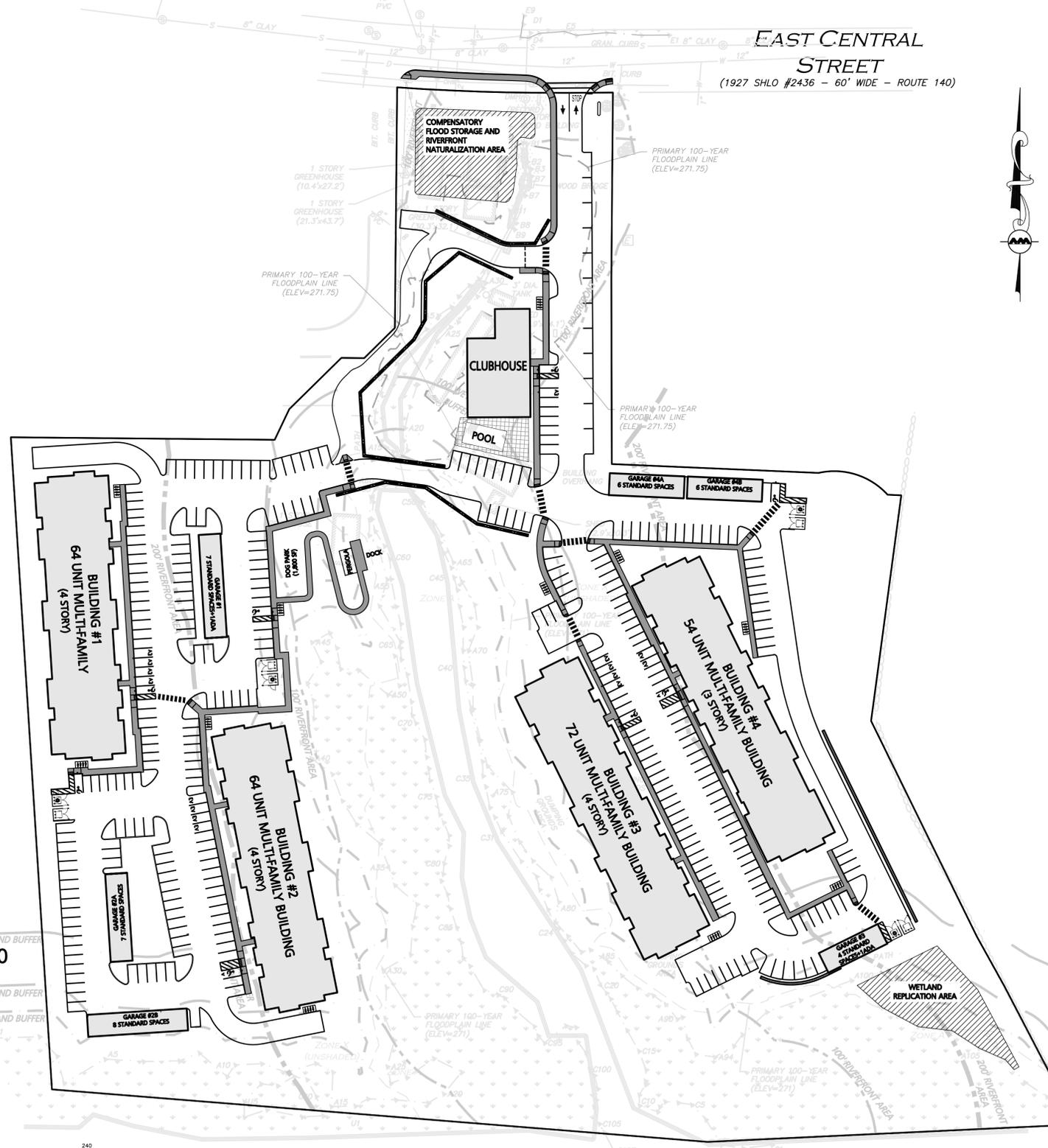
SITE CIVIL ENGINEER:
ALLEN & MAJOR ASSOCIATES, INC.
100 COMMERCE WAY SUITE 5
WOBURN, MA 01801
(781) 935-6889

LANDSCAPE ARCHITECT:
KYLE ZICK LANDSCAPE ARCHITECTURE, INC.
4228 WASHINGTON STREET
BOSTON, MA 02108
(617) 451-1018

LAND SURVEYOR:
ALLEN & MAJOR ASSOCIATES, INC.
100 COMMERCE WAY SUITE 5
WOBURN, MA 01801
(781) 935-6889

TRAFFIC CONSULTANT:
VANASSE & ASSOCIATES, INC.
35 NEW ENGLAND BUSINESS CENTER DRIVE SUITE 140
ANDOVER, MA 01810
(978) 474-8800

WETLANDS SPECIALIST:
GODDARD CONSULTING, LLC
291 MAIN STREET, SUITE 8
NORTHBOROUGH, MA 01532
(508) 393-3784



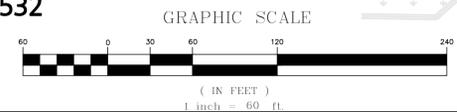
LIST OF DESIGN DRAWINGS			
DRAWING TITLE	SHEET NO.	ISSUED	LAST REVISED
EXISTING CONDITIONS	I	02-10-2025	11-03-2025
ABBREVIATIONS & NOTES	C-001	02-11-2025	10-29-2025
ABBREVIATIONS & NOTES	C-002	02-11-2025	10-29-2025
EROSION CONTROL & SITE PREP PLAN	C-101A	02-11-2025	10-29-2025
EROSION CONTROL & SITE PREP PLAN	C-101B	02-11-2025	10-29-2025
LAYOUT & MATERIALS PLAN	C-102A	02-11-2025	10-29-2025
LAYOUT & MATERIALS PLAN	C-102B	02-11-2025	10-29-2025
GRADING & DRAINAGE PLAN	C-103A	02-11-2025	10-29-2025
GRADING & DRAINAGE PLAN	C-103B	02-11-2025	10-29-2025
UTILITIES PLAN	C-104A	02-11-2025	10-29-2025
UTILITIES PLAN	C-104B	02-11-2025	10-29-2025
SNOW STORAGE PLAN	C-105A	02-11-2025	10-29-2025
SNOW STORAGE PLAN	C-105B	02-11-2025	10-29-2025
FIRE TRUCK TURNING PLAN	C-106A	02-11-2025	10-29-2025
FIRE TRUCK TURNING PLAN	C-106B	02-11-2025	10-29-2025
SU-30 TRUCK TURNING PLAN	C-107A	06-11-2025	10-29-2025
SU-30 TRUCK TURNING PLAN	C-107B	06-11-2025	10-29-2025
CIVIL DETAILS	C-501	02-11-2025	10-29-2025
CIVIL DETAILS	C-502	02-11-2025	10-29-2025
CIVIL DETAILS	C-503	02-11-2025	10-29-2025
CIVIL DETAILS	C-504	02-11-2025	10-29-2025
CIVIL DETAILS	C-505	02-11-2025	10-29-2025
CIVIL DETAILS	C-506	02-11-2025	10-29-2025
CIVIL DETAILS	C-507	02-11-2025	10-29-2025
CIVIL DETAILS	C-508	07-21-2025	10-29-2025
TEST PIT EXHIBIT	EXH-1	07-21-2025	10-29-2025
BMP EXHIBIT	EXH-2	07-21-2025	10-29-2025
CATCHBASIN WATERSHED EXHIBIT	EXH-3	07-21-2025	10-29-2025
EXISTING DRAIN CROSS SECTION	EXH-4	07-21-2025	10-29-2025
RESOURCE AREA IMPACT EXHIBIT	EXH-5	07-21-2025	10-29-2025
INVASIVE SPECIES MANAGEMENT COORDINATION PLAN	L0	02-11-2025	10-29-2025
LAYOUT & MATERIAL PLAN	L1	02-11-2025	10-29-2025
LAYOUT & MATERIAL PLAN	L1.1	02-11-2025	10-29-2025
KEY PLAN PLANTING	L2	02-11-2025	10-29-2025
LAYOUT & PLANTING PLAN	L2.1	02-11-2025	10-29-2025
PLANTING ENLARGEMENT PLAN	L2.2	02-11-2025	10-29-2025
PLANTING ENLARGEMENT PLAN	L2.3	02-11-2025	10-29-2025
LIGHTING PLAN	L3	02-11-2025	10-29-2025
LIGHTING PLAN	L3.1	02-11-2025	10-29-2025
LIGHTING PLAN	L3.2	02-11-2025	10-29-2025
DETAILS	LD1	02-11-2025	10-29-2025
DETAILS	LD2	02-11-2025	10-29-2025



PROFESSIONAL ENGINEER FOR
ALLEN & MAJOR ASSOCIATES, INC.

PREPARED BY:

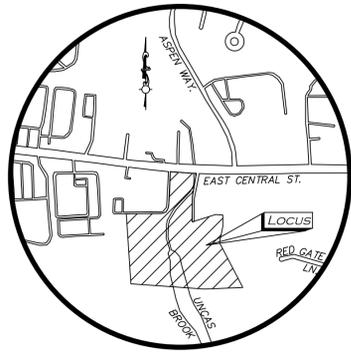
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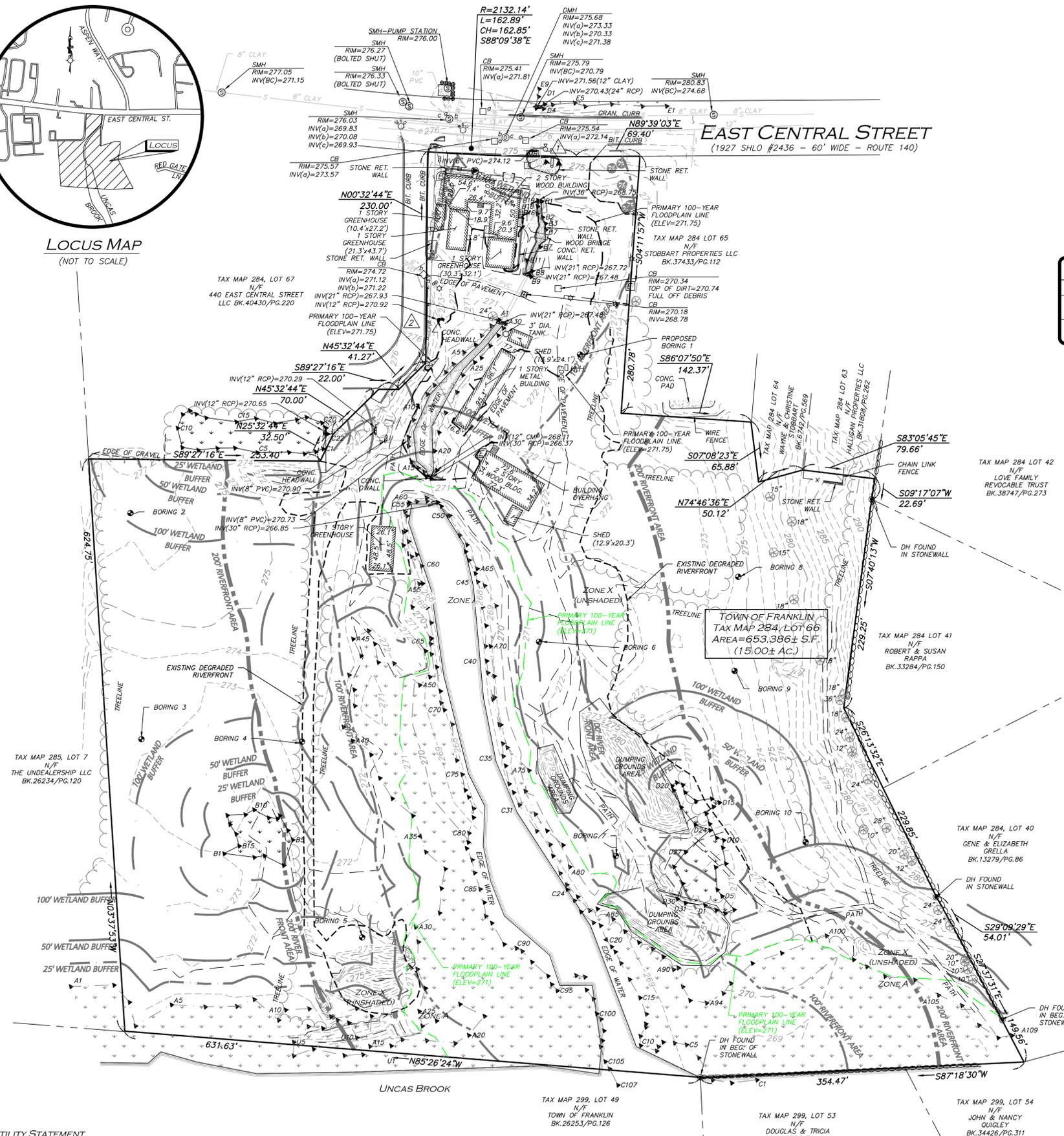
REVISED COMPREHENSIVE PERMIT PLANS: OCTOBER 29, 2025

ISSUED FOR COMPREHENSIVE PERMIT: FEBRUARY 11, 2025
REVISED FOR COMPREHENSIVE PERMIT: JUNE 11, 2025
REVISED PER NOI PEER REVIEW: JUNE 21, 2025
REVISED PER NOI PEER REVIEW: SEPTEMBER 18, 2025

M:\PROJECTS\3317-01\CIVIL DRAWINGS\CURRENT\C-3317-01_COVER.DWG



LOCUS MAP
(NOT TO SCALE)



LEGEND

DRILL HOLE (DH)	⊙
DRAIN MANHOLE (DMH)	⊙
SEWER MANHOLE (SMH)	⊙
CATCH BASIN (CB)	⊙
ROUND CATCH BASIN (RCB)	⊙
UTILITY POLE	⊙
UTILITY POLE W/LIGHT	⊙
GUY WIRE	⊙
WATER GATE	⊙
INVERT (INV)	⊙
LIGHT	⊙
FLOODLIGHT	⊙
TREE	⊙
BUSH / SHRUB	⊙
SIGN	⊙
MAILBOX	⊙
HAND HOLE	⊙
ELECTRIC BOX	⊙
FLAG POLE	⊙
ELECTRIC METER	⊙
CONCRETE (CONC.)	⊙
LANDSCAPED AREA (LSA)	⊙
FLAGSTONE	⊙
WETLAND AREA	⊙
BRICK	⊙
BUILDING	⊙
BUILDING OVERHANG	⊙
1' CONTOUR	⊙
5' CONTOUR	⊙
PROPERTY LINE	⊙
ABUTTERS LINE	⊙
STONE WALL	⊙
CONCRETE RETAINING WALL	⊙
STONE RETAINING WALL	⊙
TREE LINE	⊙
EDGE OF PAVEMENT	⊙
EDGE OF BRICK	⊙
EDGE OF WATER	⊙
CURB	⊙
CHAIN LINK FENCE	⊙
WIRE FENCE	⊙
GUARDRAIL	⊙
DRAIN LINE	⊙
SEWER LINE	⊙
OVERHEAD WIRES	⊙
FINISHED FLOOR ELEVATION	⊙
BUILDING HEIGHT	⊙
BITUMINOUS	⊙
GRANITE	⊙
REINFORCED CONCRETE PIPE	⊙
CORRUGATED METAL PIPE	⊙
CAST IRON PIPE	⊙
DUCTILE IRON PIPE	⊙
HIGH DENSITY POLYETHYLENE PIPE HDPE	⊙
FOUND	⊙
NOW OR FORMERLY	⊙
BOOK	⊙
PAGE	⊙

BENCHMARK SUMMARY

TBM #	DESCRIPTION	ELEV.
△	SPIKE SET IN PAVEMENT	276.77
△	MAG NAIL SET IN PAVEMENT	275.92

LOCUS REFERENCES

- TOWN OF FRANKLIN ASSESSORS PARCEL 284-66
- DEED BOOK 37502, PAGE 50
- RECORD OWNER: STOBART PROPERTIES LLC

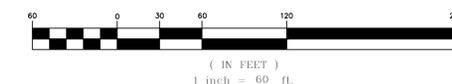
PLAN REFERENCES

- PLAN 243 OF 1998
- PLAN 687 OF 1995
- PLAN 968 OF 1961
- PLAN 1091 OF 1988
- PLAN 971 OF 1985
- PLAN 148 OF 2002
- STATE HIGHWAY LAYOUT 1384
- STATE HIGHWAY LAYOUT 2436

NOTES

- NORTH ARROW IS BASED ON MASSACHUSETTS GRID COORDINATE SYSTEM (MAINLAND ZONE) (NAD 83).
- BOOK/PAGE AND PLAN REFERENCES ARE TAKEN FROM NORFOLK REGISTRY OF DEEDS IN DEDHAM, MA.
- VERTICAL DATUM IS NAVD 88, ESTABLISHED USING RTK GPS OBSERVATION.
- CONTOUR INTERVAL IS ONE FOOT (1').
- ALL DRAIN LINES SHOWN IN EAST CENTRAL STREET ARE 12".

GRAPHIC SCALE



N:\PROJECTS\3317-01\SURVEY\DRAWINGS\CURRENT\5-3317-01-EC.DWG

UTILITY STATEMENT

THE UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. ALLEN & MAJOR ASSOCIATES, INC. (A&M) MAKES NO GUARANTEE THAT THE UTILITIES SHOWN HEREON COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. A&M FURTHER DOES NOT WARRANT THAT THE UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED. A&M HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.

WE HEREBY CERTIFY THAT THIS PLAN IS THE RESULT OF AN ACTUAL ON THE GROUND SURVEY PERFORMED ON OR BETWEEN DECEMBER 22, 2023 AND OCTOBER 30, 2025.

Digitally signed by
Andrew J. Ruggles
Date: 2025.11.03
09:26:57-0500'

PROFESSIONAL LAND SURVEYOR FOR
ALLEN & MAJOR ASSOCIATES, INC.



REV	DATE	DESCRIPTION
5.	11/03/25	ADJUST FLOOD PLAIN
4.	10/30/25	VARIOUS REVISIONS
3.	09/25/25	TREE LOCATIONS ADDED
2.	09/08/25	DRAIN & SEWER INVERTS ADDED
1.	10/25/24	WETLAND FLAGS

APPLICANT/OWNER:

TAG CENTRAL LLC
275 REGATTA DRIVE
JUPITER, FL 33477

PROJECT:

444 EAST CENTRAL STREET
FRANKLIN, MA

PROJECT NO. 3317-01 DATE: 10/10/24

SCALE: 1" = 60' DWG. NAME: 3317-01-EC

DRAFTED BY: KMT/COB CHECKED BY: AUR

PREPARED BY:



ALLEN & MAJOR
ASSOCIATES, INC.

civil engineering • land surveying
environmental consulting • landscape architecture
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FAX: (781) 935-2896

WOUBURN, MA • LAKEVILLE, MA • MANCHESTER, NH

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DRAWING TITLE: SHEET NO.

EXISTING CONDITIONS V-101

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NOTES

GENERAL NOTES:

- TOPOGRAPHIC INFORMATION AND EXISTING SITE FEATURES WERE OBTAINED FROM AN ACTUAL FIELD SURVEY PERFORMED BY ALLEN & MAJOR ASSOCIATES, INC, 100 COMMERCE WAY, WOBURN, MASSACHUSETTS.
- ZONING DISTRICT IS COMMERCIAL 2 ZONING DISTRICT. ZONE 2 WATER RESOURCE DISTRICT, COMMERCIAL AND BUSINESS CORRIDOR SIGN DISTRICT, SENIOR VILLAGE OVERLAY DISTRICT, & FLOOD HAZARD OVERLAY DISTRICT.
- OVERALL LOT SIZE: 14.58± ACRES
- DURING CONSTRUCTION, ALL VEHICLES MUST BE PARKED ON SITE.
- DURING CONSTRUCTION, ALL STAGING AND DELIVERIES WILL OCCUR ON SITE.
- THIS PROJECT WILL BE SERVED BY PUBLIC WATER AND SEWER AND PRIVATE, NATURAL GAS, TELEPHONE, CABLE AND ELECTRIC. ALL UTILITY LINES WILL BE INSTALLED UNDERGROUND UNLESS OTHERWISE NOTED.
- THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AND STRUCTURES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THIS INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE LOCATION OF ALL UNDERGROUND UTILITIES AND STRUCTURES SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR MUST CONTACT THE APPROPRIATE UTILITY COMPANY, ANY GOVERNING PERMITTING AUTHORITY, AND "DISSAFE" AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION WORK TO REQUEST EXACT FIELD LOCATION OF UTILITIES AND THE ENGINEER SHALL BE NOTIFIED IN WRITING OF ANY UTILITIES INTERFERING WITH THE PROPOSED CONSTRUCTION AND APPROPRIATE REMEDIAL ACTION TAKEN BEFORE PROCEEDING WITH THE WORK. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS AT NO ADDITIONAL COST.
- ALL PROPOSED MAIN BUILDING ENTRANCES AND WALKS SHALL BE HANDICAP ACCESSIBLE PER FEDERAL ADA & MA AAB REGULATIONS.
- ALL SITE WORK DONE FOR THIS PROJECT SHALL BE IN STRICT ACCORDANCE WITH THE SITE PLANS AND SITE WORK SPECIFICATIONS FOR CONSTRUCTION.
- ANY DAMAGE TO PRIVATE OR PUBLIC PROPERTIES DUE TO THE CONTRACTOR'S ACTIVITIES SHALL BE REPAIRED AND RESTORED BY THE CONTRACTOR AT THEIR OWN EXPENSE.
- ALL PROPERTY MARKERS AND STREET LINE MONUMENTS SHALL BE PROPERLY PROTECTED DURING CONSTRUCTION. ANY DAMAGE TO THESE ITEMS SHALL BE REPAIRED AND RESTORED BY A SURVEYOR REGISTERED IN THE STATE OF MASSACHUSETTS AT THE CONTRACTOR'S EXPENSE.
- ALL APPLICABLE PERMITS AND AN APPROVED SET OF PLANS SHALL BE AVAILABLE AT THE CONSTRUCTION SITE.
- THE CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION MEETING WITH THE APPROPRIATE CITY DEPARTMENTS, THE APPROPRIATE UTILITY COMPANIES, THE OWNER AND OWNER'S REPRESENTATIVE. THE MEETING SHALL TAKE PLACE PRIOR TO THE START OF CONSTRUCTION AND THE CONTRACTOR MUST PROVIDE 48 HOURS NOTICE TO ALL ATTENDEES PRIOR TO THE START OF THE MEETING.
- APPROPRIATE WARNING SIGNS, MARKERS, BARRICADES AND/OR FLAG MEN SHALL BE PROVIDED TO REGULATE TRAFFIC. CONSTRUCTION TRAFFIC CONTROLS SHALL BE IMPLEMENTED AND OPERATED ACCORDING TO THE MASS DEPARTMENT OF TRANSPORTATION, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND THE LOCAL AUTHORITY.
- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ADDITIONAL BENCHMARK INFORMATION IF REQUIRED. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING BENCHMARKS. IF IT IS NECESSARY TO RELOCATE A BENCHMARK, IT SHALL BE RELOCATED BY A MASSACHUSETTS PROFESSIONAL LAND SURVEYOR AND DONE SO AT THE CONTRACTOR'S EXPENSE.
- ALL BUILDING DIMENSIONS ARE MEASURED TO THE OUTSIDE FACE OF THE BUILDING.
- ALL RADII ARE 3 FEET UNLESS OTHERWISE NOTED.
- ALL PARKING LOT AND AISLE DIMENSIONS ARE TAKEN FROM THE FACE OF CURB AND INDICATE EDGE OF PAVEMENT.
- CONSTRUCTION DURING WET WEATHER OR WINTER CONDITIONS IS TO BE ANTICIPATED AND PROVISIONS TO ADEQUATELY ADDRESS THESE CONDITIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AT NO ADDITIONAL COST.
- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND PAYING FOR ANY PERMITS AND/OR CONNECTION FEES REQUIRED TO CARRY OUT THE WORK INCLUDING BUT NOT LIMITED TO DEMOLITION.
- DISPOSAL OF ALL DEMOLISHED MATERIALS INCLUDING EXISTING MISC. CONSTRUCTION DEBRIS IS THE RESPONSIBILITY OF THE CONTRACTOR AND MUST BE DISPOSED OF OFF-SITE IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL MUNICIPAL REQUIREMENTS AT NO ADDITIONAL COST.
- ALL DISTURBED AREAS NOT NOTED TO RECEIVE OTHER TREATMENT ARE TO RECEIVE SIX INCHES (6") MINIMUM OF TOPSOIL & SEED, AND BE MAINTAINED UNTIL ESTABLISHED & ACCEPTED.
- EXISTING STRUCTURES WITHIN CONSTRUCTION LIMITS ARE TO BE PROTECTED, ABANDONED, REMOVED OR RELOCATED AS NECESSARY.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RELOCATIONS, INCLUDING BUT NOT LIMITED TO, ALL UTILITIES, STORM DRAINAGE, SIGNS, & POLES, ETC. AS REQUIRED. ALL WORK SHALL BE IN ACCORDANCE WITH THE LOCAL MUNICIPALITY'S GOVERNING AUTHORITY'S SPECIFICATIONS AND SHALL BE APPROVED BY SAME.
- THE CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES TO DETERMINE EXACT POINT OF SERVICE CONNECTION AND DISCONNECTION AT EXISTING UTILITY.
- ALL ELEVATIONS SHOWN ARE IN REFERENCE TO THE BENCHMARKS SHOWN ON THE EXISTING CONDITIONS SITE PLAN AND MUST BE VERIFIED BY THE GENERAL CONTRACTOR AT GROUND BREAKING.
- CONTRACTOR IS RESPONSIBLE FOR DIGGING TEST HOLES AND VERIFYING ANY EXISTING UTILITY OR STRUCTURE PRIOR TO CONSTRUCTION. CONTRACTOR SHALL VERIFY THAT BASED ON EXACT LOCATION OF EXISTING UTILITIES, THERE ARE NO CONFLICTS BETWEEN THE EXISTING AND THE

PROPOSED UTILITIES/DRAINAGE STRUCTURES.

- THE CONTRACTOR SHALL ADHERE TO ALL PERMIT CONDITIONS PROVIDED BY ALL GOVERNING AGENCIES AT NO ADDITIONAL COSTS. THIS INCLUDES BUT IS NOT LIMITED TO BUILDING PERMITS, DEMOLITION PERMITS, PLUMBING, GAS, AND ELECTRICAL PERMITS. PERMITS FROM THE PLANNING BOARD OR CITY COUNCIL.
- DURING EXCAVATION, ANY EXISTING EARTH CUT MATERIALS THAT DO NOT MEET THE "ORDINARY FILL" SPECIFICATIONS OR "LOAM" SPECIFICATIONS AND CANNOT BE REUSED SHALL BE REMOVED OFFSITE BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNERS. MATERIAL WHICH DOES NOT MEET THE SPECIFICATION INCLUDES ALL BOULDERS, ROCKS, CONSTRUCTION DEBRIS, AND MISC. MATERIAL. PRIOR TO REUSE, CONTRACTOR TO PROVIDE TESTING REPORT OF SIEVE ANALYSIS TO ENGINEER FOR APPROVAL. CONTRACTOR CAN AMEND MATERIALS AND CONTINUE TO RETEST AS NECESSARY AT NO ADDITIONAL COST TO OWNER. AFTER AMENDING, IF MATERIAL STILL DOES NOT MEET THE SPECIFICATIONS, IT IS TO BE REMOVED FROM SITE AT NO ADDITIONAL COST TO THE OWNER AND IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS.
- ANY PROPOSED SIGNAGE SHALL BE APPROVED BY SEPARATE APPLICATION TO THE APPROPRIATE MUNICIPAL AUTHORITY INCLUDING BUT NOT LIMITED TO THE ZONING BOARD OF APPEALS AND CITY COUNCIL. ALL PROPOSED SIGNAGE MUST MEET THE REQUIREMENTS OF THE LOCAL ZONING CODE.
- AN ORDER OF RESOURCE AREA DELINEATION (ORAD), DEP FILE# #159-1306, WAS ISSUED FOR THIS SITE ON APRIL 1, 2025.

GRADING & DRAINAGE NOTES:

- EXISTING PAVEMENT SHALL BE SAW-CUT AND PAVEMENT JOINT SHALL BE INSTALLED WHERE NECESSARY TO ENSURE A SMOOTH CONTINUOUS GRADE.
- PITCH EVENLY BETWEEN SPOT GRADES. ALL PAVED AREAS MUST PITCH TO DRAIN AT A MINIMUM OF 1/8" PER FOOT UNLESS OTHERWISE SPECIFIED. ANY DISCREPANCIES NOT ALLOWING THIS MINIMUM PITCH SHALL BE REPORTED TO THE ENGINEER PRIOR TO CONTINUING WORK.
- ALL GRADING OPERATIONS SHALL BE COORDINATED WITH THE APPROPRIATE UTILITY COMPANIES.
- IN LANDSCAPED AREAS THE TOP ELEVATION OF MANHOLES SHALL MATCH THE FINISH GRADE OF THE TOPSOIL. IN PAVED AREAS THE TOP ELEVATIONS OF MANHOLES SHALL MATCH FINISH GRADE.
- ALL AREAS DISTURBED DURING CONSTRUCTION SHALL BE STABILIZED AS SOON AS POSSIBLE UPON COMPLETION OF CONSTRUCTION WORK IN THE AREA.
- TEMPORARY TUBULAR BARRIER PROTECTION AND/OR SILT SACKS SHALL BE INSTALLED AND MAINTAINED AT EXISTING DRAINAGE STRUCTURES DURING CONSTRUCTION, TO PREVENT SEDIMENT LADEN RUNOFF FROM ENTERING THE DRAINAGE SYSTEM.
- CONTRACTOR IS RESPONSIBLE FOR DEMOLITION OF EXISTING STRUCTURES INCLUDING REMOVAL OF ANY EXISTING UTILITIES SERVING THE STRUCTURE PER DEMOLITION PLAN.
- ALL CATCH BASINS, MANHOLES, INFILTRATION SYSTEMS, AND WATER QUALITY STRUCTURES ARE TO BE CLEANED TO REMOVE ALL CONSTRUCTION SILT AND DEBRIS PRIOR TO FINAL APPROVAL.
- IF ANY EXISTING UTILITY STRUCTURES TO REMAIN ARE DAMAGED DURING CONSTRUCTION, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR AND/OR REPLACE THE EXISTING STRUCTURE AS NECESSARY TO RETURN IT TO EXISTING CONDITIONS OR BETTER AT NO ADDITIONAL COST.
- ALL STORM PIPES ENTERING STRUCTURES SHALL BE GROUTED TO ENSURE CONNECTION AT STRUCTURE IS WATERTIGHT.
- ALL STORM DRAIN MANHOLES SHALL HAVE TRAFFIC BEARING RING & COVERS & SHALL BE LABELED "DRAIN".
- THE CONTRACTOR SHALL ADHERE TO ALL TERMS & CONDITIONS AS OUTLINED IN THE GENERAL N.P.D.E.S. PERMIT FOR STORM WATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITIES.
- CONTRACTOR SHALL ENSURE POSITIVE DRAINAGE AWAY FROM BUILDINGS FOR ALL NATURAL AND PAVED AREAS.
- CONTRACTOR SHALL APPLY STABILIZATION FABRIC TO ALL SLOPES STEEPER THAN 3H:1V.
- ALL DRAINAGE SYSTEM COMPONENTS SHALL CONFORM TO LOCAL REQUIREMENTS.
- UNDERGROUND INFILTRATION SYSTEMS SHALL NOT BE INSTALLED ABOVE FILL. CONTRACTOR MUST OVER EXCAVATE UNSUITABLE MATERIAL, BACKFILL AND COMPACT WITH SUITABLE MATERIAL TO BE APPROVED BY ENGINEER AND GEOTECH PRIOR TO CONSTRUCTION.

UTILITY NOTES:

- THE LATEST STANDARDS OF THE LOCAL MUNICIPALITY SHALL BE FOLLOWED WHEN INSTALLING ANY STORM DRAIN WORK. STORM DRAIN WORK WILL BE INSPECTED BY THE LOCAL GOVERNING AUTHORITY PERSONNEL AND ALL COSTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION FURNISHED TO THE ENGINEER FOR RESOLUTION.
- ABANDONED EXISTING UTILITIES AND UTILITIES TO BE ABANDONED SHALL EITHER BE ABANDONED IN PLACE AS NOTED OR SHALL BE REMOVED AND DISPOSED OF AS SPECIFIED. ALL UTILITIES SCHEDULED FOR ABANDONMENT OR REMOVAL AND DISPOSAL MUST BE COORDINATED BY THE CONTRACTOR WITH THE RESPECTIVE UTILITY OWNER. WHEN ABANDONED UTILITIES ARE TO BE LEFT IN PLACE, PLUG OR CAP THE ENDS OF THE CONDUITS AND PIPES. REMOVE ABANDONED UTILITY MANHOLES, JUNCTION BOXES AND SIMILAR STRUCTURES TO A MINIMUM DEPTH OF 4 FEET BELOW FINISHED GRADE AND PUNCTURE OR BREAK THE BOTTOM SLABS OF MANHOLES AND SIMILAR STRUCTURE TO ALLOW DRAINAGE. BACKFILL AND COMPACT EXCAVATIONS RESULTING FROM REMOVAL OF UTILITY FACILITIES, AS REQUIRED TO RESTORE THE ORIGINAL GRADE.
- THE CONTRACTOR SHALL MAKE ARRANGEMENTS FOR THE ALTERATION AND ADJUSTMENTS OF NATURAL GAS, ELECTRIC, TELEPHONE AND ANY OTHER UTILITY BY THE UTILITY OWNER.
- THE CONTRACTOR SHALL USE THE FOLLOWING PIPE MATERIALS:
 - DRAIN - HDPE (HIGH DENSITY CORRUGATED POLYETHYLENE PIPE WITH SMOOTH INNER WALL), ASTM D2321 (UNLESS OTHERWISE SPECIFIED ON PLAN)

ABBREVIATIONS

ABAN	ABANDON	L	LENGTH
ADJ	ADJUST	LB	LEACHING BASIN
		LP	LIGHT POLE
B	BORING		
BC	BOTTOM OF CURB	MAT	MATERIAL
BIT	BITUMINOUS	MAX	MAXIMUM
BCB	BITUMINOUS CONCRETE BERM	MH	MANHOLE
BLDG	BUILDING	MIN	MINIMUM
BM	BENCH MARK	MISC	MISCELLANEOUS
BOS	BOTTOM OF SLOPE	MTD	MOUNTED
BOW	BOTTOM OF WALL	MW	MONITORING WELL
BRK	BRICK		
BV&B	BUTTERFLY VALVE & BOX	N	NORTH
BWV	BORDERING VEGETATED WETLAND	NO	NOT IN CONTRACT
		NTS	NUMBER
			NOT TO SCALE
CATV	CABLE TELEVISION		
CB	CATCH BASIN	OC	ON CENTER
CF	CUBIC FEET	OD	OUTSIDE DIAMETER
CFS	CUBIC FEET PER SECOND	OHW	OVERHEAD WIRE
CI	CAST IRON (PIPE)	OVHD	OVERHEAD
CL	CENTERLINE	OW	OBSERVATION WELL
CLDI	CEMENT LINED DUCTILE IRON (PIPE)		
CM	CONSTRUCTION MANAGER	PC	POINT OF CURVATURE
CMP	CORRUGATED METAL PIPE	PCC	PRECAST CONCRETE CURB
CO	CLEAN OUT	PI	POINT OF INTERSECTION
CONC	CONCRETE	PKG	PARKING
CONST	CONSTRUCTION	PL	PROPERTY LINE
CONT	CONTRACTOR	PLMB	PLUMBING
CRD	COORDINATE	POC	POINT ON CURVATURE
CPP	CORRUGATED POLYETHYLENE PIPE	POT	POINT ON TANGENT
CUL	CULVERT	PRC	POINT OF REVERSE CURVATURE
CY	CUBIC YARD	PROP, P	PROPOSED
		PT	POINT (OR POINT OF TANGENT)
		PVC	POLYVINYL CHLORIDE (PIPE)
DB	DISTRIBUTION BOX		
DBL	DOUBLE	R&R	REMOVE & RESET/REPLACE
DEM	DEMOLISH	R&S	REMOVE & STACK
DET	DETENTION	RCP	REINFORCED CONCRETE PIPE
DI	DUCTILE IRON (PIPE)	RD	ROAD (OR ROOF DRAIN)
DIA	DIAMETER	RED	REDUCER
DIM	DIMENSION	RELOC	RELOCATE
DMH	DRAIN MANHOLE	REM	REMOVE
DW	DOMESTIC WATER (OR DRY WELL)	RET	RETAIN, RETAINING OR RETENTION
DWG	DRAWING	RHW	RIGHT OF WAY
DYCL	DOUBLE YELLOW CENTERLINE	RR	RAILROAD
		RWL	RAIN WATER LEADER
		RWY	ROADWAY
EHH	ELECTRIC HANDHOLE		
EL	ELEVATION	SD	SUBDRAIN
ELEC	ELECTRIC	SF	SQUARE FEET
EMH	ELECTRIC MANHOLE	SGC	SLOPED GRANITE CURB
EOP	EDGE OF PAVEMENT	SMH	SEWER MANHOLE
EOR	EDGE OF ROAD	SP	STANDPIPE
EOW	EDGE OF WETLANDS	SPEC	SPECIFICATION
ETC	ELECTRIC, TELEPHONE, CABLE	STA	STATION
EXIST	EXISTING	STC	STORMSEPTOR
EXT	EXTERIOR	STD	STANDARD
		STRTL	STRUCTURAL
		SWEL	SOLID WHITE EDGE LINE
		SW	SIDEWALK
		SWLL	SOLID WHITE LANE LINE
		SYCL	SOLID YELLOW CENTERLINE
FA	FIRE ALARM		
FCC	FLUSH CONCRETE CURB	TB	TEST BORING
FES	FLARED END SECTION	TC	TOP OF CURB
FFE	FINISH FLOOR ELEVATION	TD	TRENCH DRAIN
FLNP	FIRE LANE NO PARKING	TEL	TELEPHONE
FPS	FEET PER SECOND	TMH	TELEPHONE MANHOLE
FS	FIRE SERVICE	TOS	TOP OF SLOPE
FT	FOOT/FEET	TOW	TOP OF WALL
		TP	TEST PIT
GC	GENERAL CONTRACTOR	TS&V	TAPPING SLEEVE & VALVE
GEN	GENERAL	TYP	TYPICAL
GG	GAS GATE		
GR	GUIDE RAIL	UL	UNDERDRAIN
GRAN	GRANITE	UD	UNDERWRITERS LABORATORY
GV	GATE VALVE	UP	UTILITY POLE
GV&B	GATE VALVE & BOX	VCP	VITRIFIED CLAY PIPE
GW	GROUND WATER	VERT	VERTICAL
		VGC	VERTICAL GRANITE CURB
HCR	HANDICAP RAMP		
HCR	HORIZONTAL	WD	WOOD
HT	HEIGHT	WG	WATER GATE
HW	HEADWALL	WM	WATER MAIN
HWY	HIGHWAY	WMH	WATER MANHOLE
HYD	HYDRANT	WSO	WATER SHUTOFF
ID	INSIDE DIAMETER		
IN	INCHES		
INCL	INCLUDE		
INST	INSTALLED		
INV, I.E.	INVERT, INVERT ELEVATION		



PROFESSIONAL ENGINEER FOR
ALLEN & MAJOR ASSOCIATES, INC.

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275 REGATTA DRIVE
JUPITER, FL 33477

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444 EAST CENTRAL STREET
FRANKLIN, MA

PROJECT NO.	3317-01	DATE:	02-11-2025
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DESIGNED BY:	MTB	CHECKED BY:	CMQ

PREPARED BY:

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DRAWING TITLE:	SHEET No.
ABBREVIATIONS & NOTES	C-001

EROSION CONTROL NOTES

EROSION & SEDIMENTATION CONTROL NOTES:

1. EROSION CONTROL SHALL BE INSTALLED PRIOR TO CONSTRUCTION AND SHALL BE ADEQUATE TO MAINTAIN SEDIMENT ON SITE. ANY MODIFICATIONS TO SILT CONTROLS SHOWN ON THE APPROVED PLANS AS A RESULT OF ACTUAL FIELD CONDITIONS OR CONSTRUCTION PRACTICES SHALL BE INSTALLED IN ACCORDANCE WITH B.M.P. (BEST MANAGEMENT PRACTICES) PER THE E.P.A. 2017 "CONSTRUCTION GENERAL PERMIT" MANUAL, AND MASSACHUSETTS 2003 EROSION & SEDIMENT CONTROL GUIDELINES FOR URBAN AND SUBURBAN AREAS, ANY SUCH MODIFICATIONS FROM THE ABOVE MANUALS SHALL BE INSTALLED AS APPROVED BY THE ENGINEER OR THE LOCAL MUNICIPALITY.
2. AREAS OF EXPOSED SOIL UNDERGOING CONSTRUCTION THAT WILL NOT BE COVERED AND OR FINISHED GRADED SHALL BE STABILIZED AS SOON AS PRACTICABLE BUT IN NO CASE MORE THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY (UNLESS MUNICIPALITY HAS STRICTER REQUIREMENTS WHICH SHALL BE FOLLOWED) IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED. TEMPORARY EROSION CONTROL MEASURES SHALL INCLUDE EROSION CONTROL MESH, NETTING OR MULCH AS DIRECTED BY THE OWNER'S REPRESENTATIVE AND SHOWN ON THE DESIGN PLANS. IF MULCH IS USED, STRAW MULCH SHALL BE APPLIED AT THE RATE OF 4 BALES PER 1,000 SQUARE FEET. APPLICATION AREA SHALL BE SUFFICIENTLY COVERED WITH MULCH TO AVOID ANY VISIBLE SOIL EXPOSURE. MULCH SHALL BE KEPT MOIST TO AVOID LOSS DUE TO WIND. MULCH AND NETTING SHALL BE APPLIED IN THE BASE OF ALL GRASSED WATERWAYS, IN VEGETATIVE SLOPES WHICH EXCEED 15% AND DISTURBED AREAS WITHIN 100 FEET OF WETLANDS OR STREAMS.
3. IF DISTURBED AREAS DO NOT RECEIVE FINAL SEEDING BY OCTOBER 1ST OF THE CONSTRUCTION YEAR, THEN ALL DISTURBED AREAS SHALL BE SEEDED WITH A WINTER COVER CROP AT THE RATE OF 3 LBS PER 1,000 SQUARE FEET. WINTER SEEDING SHALL BE COVERED WITH EROSION CONTROL MESH (MULCH AND NETTING). HEAVY GRADE MATS SHALL BE USED IN THE BASE OF ALL GRASSED WATERWAYS, ON VEGETATED SLOPES IN EXCESS OF 15%, AND ANY DISTURBED AREAS WITHIN 100 FEET OF WETLANDS OR STREAMS. MULCH AND NETTING SHALL ALSO BE PROVIDED FOR ADDITIONAL WINTER PROTECTION.
4. ALL TOPSOIL SHALL BE COLLECTED, STOCKPILED, SEEDED WITH RYE AT 3LBS PER 1,000 SQUARE FOOT AND MULCHED, AND REUSED AS REQUIRED. TUBULAR BARRIERS SHALL BE PLACED DOWN GRADIENT FROM STOCKPILED LOAM. LOAM SHALL BE STOCKPILED AT LOCATIONS DESIGNATED BY THE OWNER AND ENGINEER.
5. ALL TUBULAR BARRIERS, SILT SACKS, AND EROSION CONTROL BERMS SHALL BE INSTALLED ACCORDING TO THE SITE PREPARATION PLAN. THESE SHALL BE MAINTAINED DURING DEVELOPMENT TO REMOVE SEDIMENT FROM RUNOFF WATER. ALL THE FILTER BARRIERS AND EROSION CONTROL BERMS SHALL BE INSPECTED AFTER ANY RAINFALL OR RUNOFF EVENT, MAINTAINED AND CLEANED UNTIL ALL AREAS HAVE AT LEAST 85-90% VIGOROUS PERENNIAL COVER OF GRASSES.
6. ADJACENT ROADS SHALL BE PERIODICALLY SWEEPED OR WASHED TO AVOID TRACKING MUD, DUST OR DEBRIS FROM THE CONSTRUCTION AREA AS OFTEN AS NECESSARY (WHICH COULD BE ON A DAILY BASIS) TO REMOVE ANY SOIL OR SEDIMENTS AT NO ADDITIONAL COST TO THE OWNER. A WATERING TRUCK WILL BE USED TO PERIODICALLY SPRINKLE CONSTRUCTION AREAS IN ORDER TO KEEP THE LEVEL OF DUST TO A MINIMUM DURING THE DRY MONTHS AT NO ADDITIONAL COST TO THE OWNER.
7. THE CONTRACTOR SHALL USE EXTREME CAUTION TO AVOID ALLOWING SEDIMENTS TO ENTER THE STORM DRAIN SYSTEM DURING CONSTRUCTION. BOTH EXISTING AND PROPOSED CATCH BASIN INLETS SHALL BE PROTECTED DURING CONSTRUCTION BY THE USE SILT SACKS AND/OR TUBULAR BARRIERS AROUND EACH INLET AS NOTED ON THE PLANS. INLET PROTECTION MAY BE REMOVED ONLY AFTER FINISHED AREAS ARE PAVED AND THE VEGETATED SLOPES ARE ESTABLISHED WITH AT LEAST 85-90% OF VIGOROUS PERENNIAL GROWTH.
8. AS APPLICABLE, EROSION CONTROL MESH SHALL BE APPLIED IN ACCORDANCE WITH THE PLANS OVER ALL FINISHED SEEDED AREAS AS SPECIFIED ON THE DESIGN PLANS.
9. AT A MINIMUM, ALL TUBULAR BARRIERS AND FILTER FABRIC SHALL REMAIN IN PLACE UNTIL SEEDINGS OR PLANTINGS HAVE BECOME 85-90% ESTABLISHED. THE LOCAL CONSERVATION COMMISSION MUST APPROVE THE REMOVAL OR RELOCATION OF ANY OF THE TUBULAR BARRIERS AND FILTER FABRIC. ONCE THE TUBULAR BARRIERS ARE REMOVED THE AREAS ARE TO BE LOAMED AND SEEDED TO ACHIEVE FULL STABILIZATION.
10. AT THE OWNER'S DISCRETION ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED TO MAINTAIN STABILITY OF EARTHWORKS AND FINISHED GRADED AREAS. THE CONTRACTOR, AT HIS EXPENSE, WILL BE RESPONSIBLE FOR PROVIDING AND INSTALLING ANY ADDITIONAL MEASURES AS SPECIFIED BY THE OWNER. THIS INCLUDES BUT IS NOT LIMITED TO REQUESTS BY MA DEP, THE ENGINEER AND THE LOCAL MUNICIPALITY, AS AUTHORIZED BY THE OWNER. FAILURE TO COMPLY WITH THE OWNER'S DIRECTIONS WILL RESULT IN DISCONTINUATION OF CONSTRUCTION ACTIVITIES.
11. INSPECTIONS AND MONITORING MAINTENANCE MEASURES SHALL BE APPLIED AS NEEDED DURING THE ENTIRE CONSTRUCTION CYCLE. WEEKLY INSPECTIONS SHALL BE HELD THROUGHOUT THE DURATION OF CONSTRUCTION ACTIVITY. WEEKLY INSPECTION REPORTS SHALL BE MAINTAINED BY THE CONTRACTOR AND LOCATED IN THE CONTRACTORS FIELD OFFICE ONSITE. IN ADDITION TO THE NORMAL WEEKLY INSPECTIONS, THE CONTRACTOR SHALL PERFORM AN INSPECTION OF ALL EROSION CONTROL MEASURES AFTER EACH RAINFALL OR RUNOFF EVENT, AND PERFORM THE NECESSARY REPAIRS. THE INSPECTIONS SHALL INCLUDE BUT NOT BE LIMITED TO THE SITE'S DOWN STREAM DISCHARGE POINTS.
12. IF ANY EVIDENCE OF SEDIMENTATION IS OBSERVED AT THE STORMWATER MANAGEMENT AREA INLETS, THE CONTRACTOR SHALL, AT HIS OWN EXPENSE, PROVIDE A PLAN TO THE ENGINEER TO REMOVE ANY ACCUMULATED SEDIMENT IN THESE AREAS. THE CONTRACTOR SHALL ALSO IMMEDIATELY PROVIDE ADDITIONAL ON SITE EROSION AND SEDIMENTATION CONTROL MEASURES TO PREVENT FURTHER DEGRADATION OF THE AREA.
13. FOLLOWING THE TEMPORARY OR FINAL SEEDINGS, THE CONTRACTOR SHALL INSPECT THE WORK AREA SEMI-MONTHLY TO ENSURE THE AREAS HAVE A MINIMUM OF 85-90% VEGETATED VIGOROUS GROWTH. RE-SEEDING SHALL BE CARRIED OUT BY THE CONTRACTOR WITH FOLLOW UP INSPECTIONS IN THE EVENT OF ANY FAILURES UNTIL VEGETATION IS ADEQUATELY ESTABLISHED.
14. CONTRACTOR & ALL SITE SUBCONTRACTORS SHALL BE FAMILIAR WITH & FOLLOW ALL APPROVED PERMITS AND CONDITIONS. CONTRACTOR SHALL MAINTAIN A COPY OF ALL APPROVED PERMITS ONSITE. ALL CONDITIONS & RECOMMENDATIONS WITHIN THE APPROVED PERMITS SHALL BE COMPLETED.
15. ALL EROSION MEASURES SHALL BE INSTALLED PRIOR TO CONSTRUCTION AND SHALL BE ADEQUATE TO MAINTAIN SEDIMENT ON SITE. ANY MODIFICATIONS SHALL BE INSTALLED AS DIRECTED BY THE ENGINEER OR THE LOCAL MUNICIPALITY.
16. EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE MAINTAINED DURING CONSTRUCTION, AND SHALL REMAIN IN PLACE UNTIL ALL SITE WORK IS COMPLETE AND GROUND COVER IS ESTABLISHED.
17. TOP OF STOCKPILES SHALL BE COVERED IN SUCH MANNER THAT STORMWATER DOES NOT INFILTRATE THE MATERIALS AND THEREBY RENDER THE SAME UNSUITABLE FOR FILL USE.
18. ALL DISTURBED OR EXPOSED AREAS SUBJECT TO EROSION SHALL BE STABILIZED WITH MULCH OR SEEDED FOR TEMPORARY VEGETATIVE COVER. NO AREA, SUBJECT TO EROSION SHALL BE LEFT DISTURBED AND UNSTABILIZED FOR PERIODS LONGER THAN IS ABSOLUTELY NECESSARY TO CARRY OUT THAT PORTION OF THE CONSTRUCTION WORK OR SIX MONTHS AFTER SOIL HAS BEEN DISTURBED WHICHEVER IS LESS.
19. CULVERT/PIPE INLETS AND OUTFALLS SHALL BE PROTECTED BY TUBULAR BARRIER FILTERS AND STONE CHECK DAMS UNTIL DISTURBED AREAS ARE PERMANENTLY STABILIZED.
20. TUBULAR BARRIER DIKES SHALL BE CONSTRUCTED AT ALL EXISTING & PROPOSED CATCH BASINS. NO SEDIMENTATION SHALL ENTER THE ON-SITE OR OFF-SITE DRAINAGE SYSTEMS AT ANY TIME.
21. ALL EROSION CONTROL MEASURES SHALL BE ROUTINELY INSPECTED, CLEANED AND REPAIRED OR REPLACED AS NECESSARY THROUGHOUT ALL PHASES OF CONSTRUCTION. IN ADDITION, INSPECTIONS SHALL TAKE PLACE WEEKLY AND BEFORE AND AFTER EACH RAINFALL EVENT.
22. ALL PROPOSED SLOPES STEEPER THAN 3:1 SHALL BE STABILIZED WITH JUTE MESH AND PROTECTED FROM EROSION UNTIL WORK IS COMPLETE AND GROUND COVER IS ESTABLISHED.
23. THE CONTRACTOR SHALL KEEP ON SITE AT ALL TIMES ADDITIONAL TUBULAR BARRIERS FOR INSTALLATION AT THE DIRECTION OF THE ENGINEER OR THE TOWN ENGINEER TO MITIGATE ANY EMERGENCY CONDITION.
24. AS CONSTRUCTION DISTURBANCE IS GREATER THAN 1 ACRE, A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) CONSTRUCTION GENERAL PERMIT NOI, AND STORM WATER POLLUTION PREVENTION PLAN (SWPPP) WILL NEED TO BE SUBMITTED TO THE EPA. THE NPDES PERMIT FOR STORM WATER DISCHARGE, & CONSTRUCTION GENERAL PERMIT NOI WILL BE REQUIRED TO BE SUBMITTED AT LEAST 14 DAYS PRIOR TO COMMENCING CONSTRUCTION BY THE CONTRACTOR.

25. OWNER AND CONTRACTOR ARE RESPONSIBLE FOR COMPLIANCE WITH THE CONSTRUCTION GENERAL PERMIT NOI. WEEKLY SWPPP INSPECTION REPORTS TO BE PERFORMED BY CONTRACTOR. COPIES OF ALL SWPPP INSPECTION REPORTS SHALL BE PROVIDED TO THE LOCAL MUNICIPALITY, EPA, DEP, OR ANY OTHER AUTHORITY REQUESTING WITHIN 3 DAYS OF EACH INSPECTION.
26. APPLICABLE WORK AND MATERIALS SHALL COMPLY WITH ALL LOCAL, MA DEP, EPA CONSTRUCTION GENERAL PERMIT STANDARDS. ALL CONSTRUCTION SHALL CONFORM TO THE APPLICABLE SITE PLAN REGULATIONS FROM THE LOCAL AND USDA SOIL CONSERVATION SERVICE VEGETATIVE PRACTICES IN SITE DEVELOPMENT.
27. A WATERING TRUCK SHALL BE USED TO PERIODICALLY SPRINKLE CONSTRUCTION AREAS IN ORDER TO KEEP THE LEVEL OF DUST TO A MINIMUM DURING THE DRY MONTHS AND AS REQUIRED.
28. IF DEWATERING IS NECESSARY IT SHALL ONLY BE COMPLETED AS FOLLOWS: THE DISCHARGE SHALL BE STOPPED IMMEDIATELY IF THE RECEIVING AREA SHOWS ANY SIGN OF INSTABILITY OR EROSION. ALL CHANNELS, SWALES, AND DITCHES DUG FOR DISCHARGING WATER FROM THE EXCAVATED AREA SHALL BE STABLE PRIOR TO DIRECTING DISCHARGE TO THEM. IF A CONSTRUCTION EQUIPMENT BUCKET IS USED, IT SHALL EMPTY THE MATERIAL TO A STABLE AREA. NO DEWATERING SHALL OCCUR DURING PERIODS OF INTENSE, HEAVY RAIN. FLOW TO THE SEDIMENT REMOVAL STRUCTURE SHALL NOT EXCEED THE STRUCTURE'S CAPACITY TO SETTLE AND FILTER FLOW OR ITS VOLUME CAPACITY. WHENEVER POSSIBLE, THE DISCHARGE FROM THE SEDIMENT REMOVAL STRUCTURE SHALL DRAIN TO A WELL-VEGETATED BUFFER BY SHEET FLOW WHILE MAXIMIZING THE DISTANCE TO THE NEAREST WATER RESOURCE AND MINIMIZING THE SLOPE OF THE BUFFER AREA. THERE SHALL BE NO DIRECT DISCHARGE TO EXISTING WETLANDS OR STREAMS. ALL DISCHARGE SHALL BE IN COMPLIANCE WITH STATE, LOCAL, AND FEDERAL REQUIREMENTS.
29. INITIATE STABILIZATION OF EXPOSED AREAS IMMEDIATELY IF CONSTRUCTION WORK TEMPORARILY OR PERMANENTLY CEASES.
30. ALL DISCHARGES FROM POLLUTION SOURCES ARE PROHIBITED ONSITE SUCH AS FUELS, WASTEWATER FROM WASH OUT OF CONCRETE, WASTEWATER FROM CLEAN OUT OF PAINTS, FORM RELEASE OILS, SOLVENTS, ADHESIVES, CURING COMPOUNDS, POLLUTANTS USED FOR MAINTENANCE OF VEHICLES AND EQUIPMENT, SOAPS & SOLVENTS, TOXIC OR HAZARDOUS SUBSTANCES, CHEMICALS AND OILS. IF A POLLUTANT IS DISCHARGED IT NEEDS TO BE IMMEDIATELY CLEANED UP BY REMOVING THE CHEMICAL AND AFFECTED SOIL OR AREA OF SPILL FROM THE SITE IN ACCORDANCE WITH BOTH THE MANUFACTURER RECOMMENDATIONS, FEDERAL, STATE, AND LOCAL REQUIREMENTS. DO NOT HOSE DOWN AND SPREAD SPILLED ITEM. ALL CHEMICALS USED ON THE SITE SHALL BE IN LEAK-PROOF CONTAINERS STORED AWAY FROM WETLANDS, SURFACE WATERS, STORMWATER INLETS, AND DRAINAGE MEASURES. SPILL KITS SHALL BE AVAILABLE ONSITE FOR EMERGENCY USE. THERE SHALL BE A SECONDARY CONTAINMENT MEASURE OF ALL CHEMICALS IN ADDITION TO SPILL-PROOF CONTAINERS.
31. PRIOR TO COMMENCEMENT OF CONSTRUCTION, APPLICABLE CONTRACTOR PERSONNEL MUST HAVE AN UNDERSTANDING OF THE EPA CONSTRUCTION GENERAL PERMIT REQUIREMENTS AND THEIR SPECIFIC RESPONSIBILITIES UNDER THE PERMIT. AT A MINIMUM, PERSONNEL MUST BE TRAINED AND UNDERSTAND THE FOLLOWING: LOCATION OF ALL STORMWATER CONTROLS AND HOW TO MAINTAIN THEM, PROCEDURES FOR COMPLYING WITH THE POLLUTION PREVENTION REQUIREMENTS. PROCEDURES FOR CONDUCTING INSPECTIONS, RECORDING FINDINGS, AND TAKING CORRECTIVE ACTION.
32. ALL SEDIMENT TRACKED ONTO ROADWAYS MUST BE REMOVED AT END OF EACH WORK DAY.
33. ALL USE OF CATIONIC TREATMENT CHEMICALS (EXAMPLES INCLUDE POLYMERS, CHITOSAN, CATIONIC PAM, FLOCCULANTS OR OTHER CHEMICAL UTILIZED FOR STABILIZATION) ARE PROHIBITED. IF ALL OTHER AVAILABLE STABILIZATION MEASURES ARE NOT POSSIBLE AND USE OF CATIONIC CHEMICALS IS ABSOLUTELY NECESSARY THE CONTRACTOR WILL NEED TO CONTACT THE EPA NEW ENGLAND OFFICE IN WRITING FOR APPROVAL AND SPECIFIC REQUIREMENTS (MAXIMUM DOSAGE RATE, RESIDUAL TESTING, SPECIFIC LIMITATIONS, ETC) PRIOR TO USE.
34. IF USING NON-VEGETATIVE STABILIZATION MEASURES, IT MUST BE COMPLETED NO LATER THAN 14 DAYS AFTER INITIATING STABILIZATION. ALL AREAS OF EXPOSED SOILS MUST BE COVERED.
35. INSPECTIONS OF EROSION CONTROL MEASURES SHALL BE AT LEAST ONCE EVERY 7 DAYS BY THE CONTRACTOR. AT A MINIMUM INSPECTIONS SHALL INCLUDE ALL DISTURBED AREAS, ALL STORMWATER CONTROLS AND POLLUTION PREVENTION MEASURES, ALL LOCATIONS WHERE STABILIZATION MEASURES HAVE BEEN IMPLEMENTED, EQUIPMENT AND MATERIAL STORAGE AREAS, ALL AREAS WHERE STORMWATER FLOWS AND ALL POINTS OF DISCHARGE. WHEN CORRECTIVE ACTIONS ARE REQUIRED, THE CONTRACTOR MUST IMMEDIATELY TAKE ALL STEPS TO PREVENT POLLUTANT DISCHARGES UNTIL A PERMANENT SOLUTION IS IMPLEMENTED. AS NECESSARY NEW OR MODIFIED CONTROLS MUST BE INSTALLED AND OPERATIONAL, THE REPAIR MUST BE COMPLETED WITHIN 7 DAYS FROM THE TIME OF DISCOVERY. WITHIN 24 HOURS OF A TRIGGERING CONDITION OCCURRING THAT REQUIRES A CORRECTIVE ACTION, A CORRECTIVE ACTION REPORT MUST BE COMPLETED.
36. PER THE EPA'S CONSTRUCTION GENERAL PERMIT, EAST CENTRAL STREET SHALL BE SWEEPED DAILY DURING CONSTRUCTION.

MAINTENANCE:

1. ALL MEASURES STATED ON THE STORMWATER POLLUTION PREVENTION PLANS, SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION BY CONTRACTOR UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON IN ACCORDANCE WITH THE CONTRACT DOCUMENTS OR THE APPLICABLE PERMIT, WHICHEVER IS MORE STRINGENT, AND REPAIRED IN ACCORDANCE WITH THE FOLLOWING:
 - INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING, OR DETERIORATION.
 - ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A HEALTHY STAND OF GRASS IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED, AND RESEEDED AS NEEDED.
 - ALL SEDIMENT CONTROLS SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE TUBULAR SEDIMENT CONTROLS WHEN IT REACHES HALF THE HEIGHT OF THE CONTROL MEASURE OR AS REQUESTED BY THE OWNER OR ENGINEER.
 - THE CONSTRUCTION ENTRANCES SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION ENTRANCES AS CONDITIONS DEMAND.
 - THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AS CONDITIONS DEMAND.
 - OUTLET STRUCTURES IN THE SEDIMENTATION BASINS SHALL BE MAINTAINED IN OPERATIONAL CONDITIONS AT ALL TIMES. SEDIMENT SHALL BE REMOVED FROM SEDIMENT BASINS OR TRAPS WHEN THE DESIGN CAPACITY HAS BEEN REDUCED BY 50%.

CONSTRUCTION GENERAL PERMIT NOTES AND NARRATIVE:

1. NARRATIVE: THE STORMWATER POLLUTION PREVENTION PLANS CONSIST OF THE SITE PREPARATION PLAN TOGETHER WITH AN EXISTING CONDITIONS PLANS, GRADING PLANS, ABBREVIATIONS AND NOTES SHEETS, AND DETAIL SHEETS.
2. THE EROSION CONTROL PLAN WILL BE IMPLEMENTED TO:
3. TREAT EROSION AS SOON AS POSSIBLE AFTER DISTURBANCE.
4. PREVENT SEDIMENT FROM LEAVING THE CONSTRUCTION AREA AND ENTERING THE RECEIVING WATERS.
5. CONSTRUCTION ACTIVITIES SHALL BE SCHEDULED TO MINIMIZE EROSION.
6. ONLY DISTURB, CLEAR, OR GRADE AREAS NECESSARY FOR CONSTRUCTION.

ESTIMATED CONSTRUCTION SEQUENCING PLAN:

THE FOLLOWING IS AN ESTIMATED CONSTRUCTION SEQUENCING. SOME ACTIVITIES MAY OCCUR AT THE SAME TIME RATHER THAN AT SEPARATE TIMES OR OUT OF SEQUENCE DUE TO ACTUAL FIELD CONDITIONS OR OTHER FACTORS. ACTUAL SCHEDULING WILL BE COMPLETED BY THE SITE CONTRACTOR.

- INSTALL ALL EROSION CONTROL MEASURES INCLUDING BUT NOT LIMITED TO TEMPORARY STRAW BALE FILTERS, SILT SACKS, CONSTRUCTION ENTRANCES, AND STRAWBALES AND SILT FENCE.
- SETUP STAGING AND MATERIAL STORAGE / STOCKPILE AREAS.
- IF REQUIRED, CONSTRUCT TEMPORARY SILT / DEWATERING BASINS.
- PROTECT AND MARK ALL EXISTING ITEMS NOTED TO REMAIN.
- PERFORM DEMOLITION WORK. SURVEY AND IDENTIFY LIMITS OF SITE CLEARING. CONDUCT SITE CLEARING.
- PULVERIZE EXISTING PAVEMENT AND DEMO EXISTING MATERIALS AS NOTED.
- REMOVE EXISTING LOAM AND SUBSOIL AND STOCKPILE FOR REUSE.
- PERFORM ROUGH GRADING AND CONSTRUCT BUILDING FOUNDATIONS.
- INSTALL UNDERGROUND UTILITIES.
- PERFORM FINE GRADING; PLACE BINDER PAVEMENT COURSE.
- PLACE PAVEMENT TOP COURSE; CONSTRUCT SIDEWALKS AND ALL OTHER SITE IMPROVEMENTS.
- INSTALL PAVEMENT MARKING, SITE SIGNAGE & COMPLETE LANDSCAPING.
- REMOVE TEMPORARY SILT CONTROLS AFTER ONCE GIVEN APPROVAL BY TOWN OF FRANKLIN OR THE ENGINEER AND SITE IS STABILIZED.
- EFFORTS TO BE MADE TO LIMIT THE TOTAL AREA OF DISTURBANCE AT THE SITE AT ANY TIME DURING SITE WORK.
- TEMPORARILY STABILIZE PREVIOUS PHASES OF CUT AND FILL AREAS AS APPROPRIATE AND PRACTICAL BEFORE FURTHER ADVANCING FURTHER SITE WORK.



Carlton M. Quinn
PROFESSIONAL ENGINEER FOR
ALLEN & MAJOR ASSOCIATES, INC.

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PROJECT:
40B MULTIFAMILY
444 EAST CENTRAL STREET
FRANKLIN, MA

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PREPARED BY:

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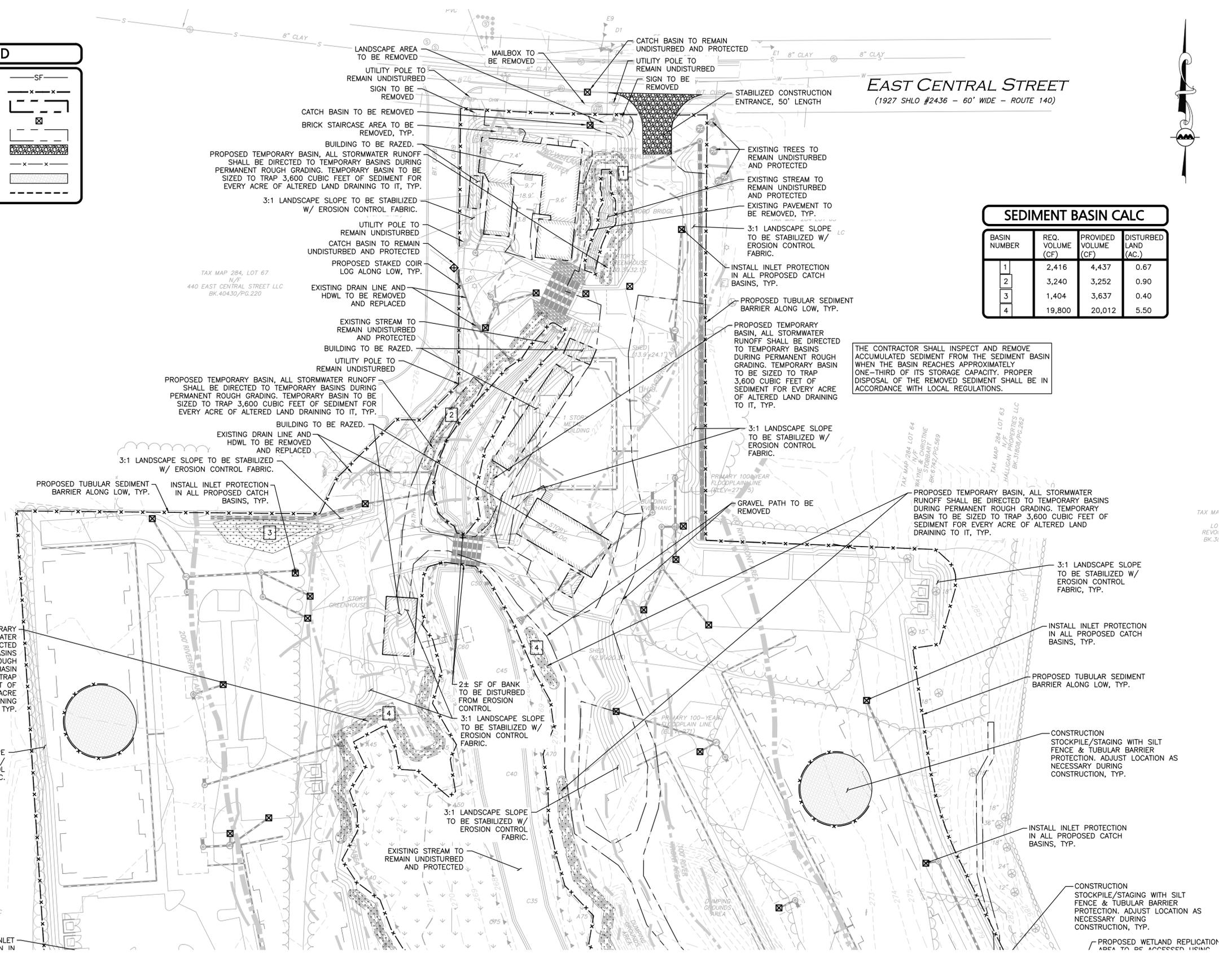
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DRAWING TITLE:	SHEET No.
ABBREVIATIONS & NOTES	C-002
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N:\PROJECTS\3317-01\CIVIL\DRAWINGS\CURRENT\C-3317-01_ABBREVIATIONS & NOTES.DWG

LEGEND

SILT FENCE	—SF—
TUBULAR BARRIER	—X—X—
BUILDING TO BE REMOVED	—X—X—
CATCH BASIN FILTER	—X—X—
PAVEMENT TO BE REMOVED	—X—X—
STABILIZED ENTRANCE	—X—X—
CONSTRUCTION FENCE	—X—X—
STOCKPILE/STAGING AREA	—X—X—
SAWCUT LINE	—X—X—



SEDIMENT BASIN CALC

BASIN NUMBER	REQ. VOLUME (CF)	PROVIDED VOLUME (CF)	DISTURBED LAND (AC.)
1	2,416	4,437	0.67
2	3,240	3,252	0.90
3	1,404	3,637	0.40
4	19,800	20,012	5.50

THE CONTRACTOR SHALL INSPECT AND REMOVE ACCUMULATED SEDIMENT FROM THE SEDIMENT BASIN WHEN THE BASIN REACHES APPROXIMATELY ONE-THIRD OF ITS STORAGE CAPACITY. PROPER DISPOSAL OF THE REMOVED SEDIMENT SHALL BE IN ACCORDANCE WITH LOCAL REGULATIONS.



PROFESSIONAL ENGINEER FOR ALLEN & MAJOR ASSOCIATES, INC.

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APPLICANT/OWNER:
TAG CENTRAL LLC
275 REGATTA DRIVE
JUPITER, FL 33477

PROJECT:
40B MULTIFAMILY
444 EAST CENTRAL STREET
FRANKLIN, MA

PROJECT NO.	3317-01	DATE:	02-11-2025
SCALE:	1" = 40'	DWG. NAME:	C-3317-01
DESIGNED BY:	MTB	CHECKED BY:	CMQ

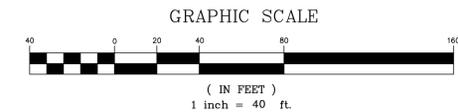
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DRAWING TITLE: **EROSION CONTROL & SITE PREP PLAN** SHEET No. **C-101A**



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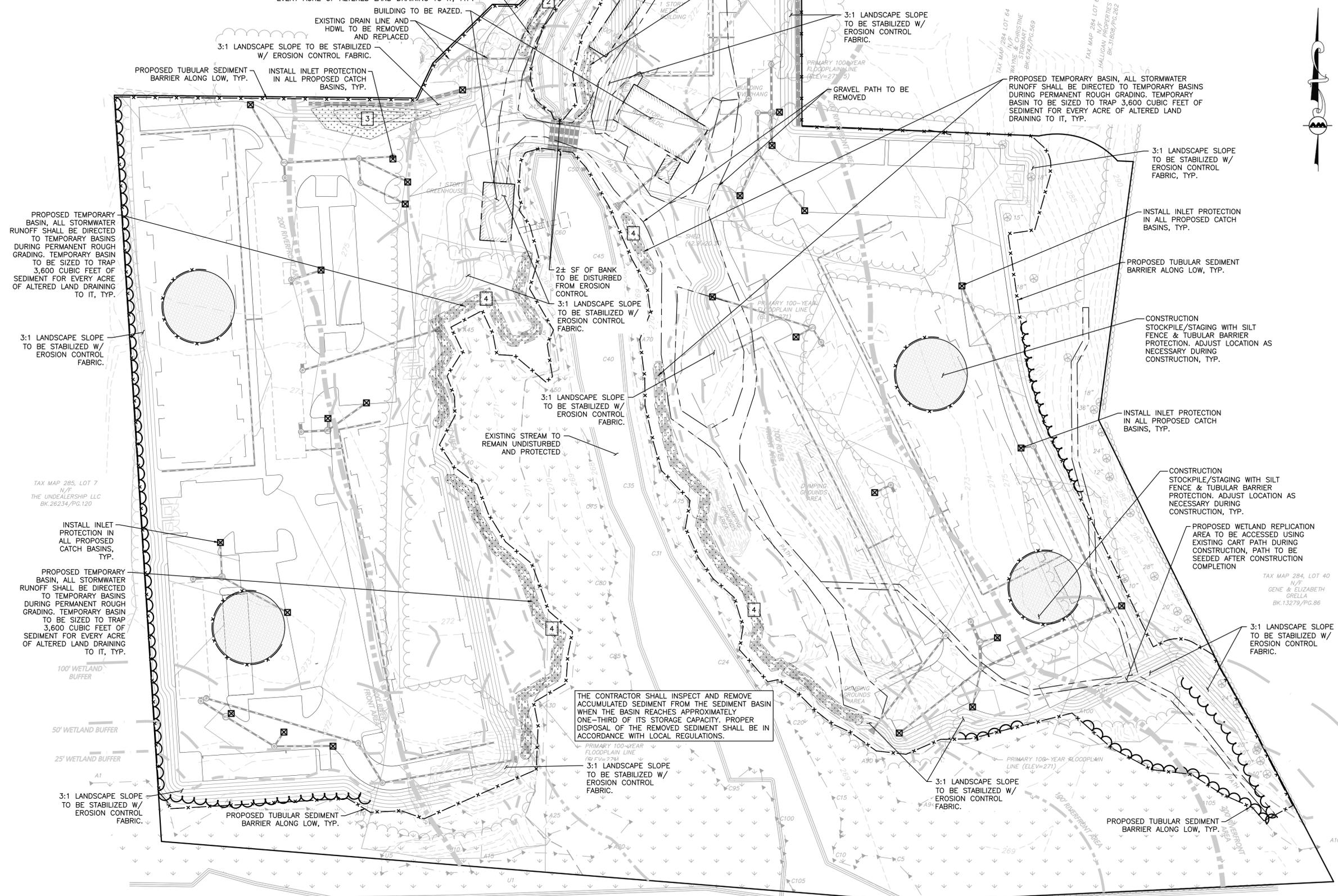
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SHALL BE DIRECTED TO TEMPORARY BASINS DURING PERMANENT ROUGH GRADING. TEMPORARY BASIN TO BE SIZED TO TRAP 3,600 CUBIC FEET OF SEDIMENT FOR EVERY ACRE OF ALTERED LAND DRAINING TO IT, TYP.

SEDIMENT FOR EVERY ACRE OF ALTERED LAND DRAINING TO IT, TYP. ACCORDANCE WITH LOCAL REGULATIONS.



PROPOSED TEMPORARY BASIN, ALL STORMWATER RUNOFF SHALL BE DIRECTED TO TEMPORARY BASINS DURING PERMANENT ROUGH GRADING. TEMPORARY BASIN TO BE SIZED TO TRAP 3,600 CUBIC FEET OF SEDIMENT FOR EVERY ACRE OF ALTERED LAND DRAINING TO IT, TYP.

3:1 LANDSCAPE SLOPE TO BE STABILIZED W/ EROSION CONTROL FABRIC.

TAX MAP 285, LOT 7 N/F THE UNDEALERSHIP LLC BK.26234/PG.120

INSTALL INLET PROTECTION IN ALL PROPOSED CATCH BASINS, TYP.

PROPOSED TEMPORARY BASIN, ALL STORMWATER RUNOFF SHALL BE DIRECTED TO TEMPORARY BASINS DURING PERMANENT ROUGH GRADING. TEMPORARY BASIN TO BE SIZED TO TRAP 3,600 CUBIC FEET OF SEDIMENT FOR EVERY ACRE OF ALTERED LAND DRAINING TO IT, TYP.

100' WETLAND BUFFER

50' WETLAND BUFFER

25' WETLAND BUFFER

3:1 LANDSCAPE SLOPE TO BE STABILIZED W/ EROSION CONTROL FABRIC.

PROPOSED TUBULAR SEDIMENT BARRIER ALONG LOW, TYP.

3:1 LANDSCAPE SLOPE TO BE STABILIZED W/ EROSION CONTROL FABRIC.

2± SF OF BANK TO BE DISTURBED FROM EROSION CONTROL

3:1 LANDSCAPE SLOPE TO BE STABILIZED W/ EROSION CONTROL FABRIC.

3:1 LANDSCAPE SLOPE TO BE STABILIZED W/ EROSION CONTROL FABRIC.

EXISTING STREAM TO REMAIN UNDISTURBED AND PROTECTED

3:1 LANDSCAPE SLOPE TO BE STABILIZED W/ EROSION CONTROL FABRIC.

3:1 LANDSCAPE SLOPE TO BE STABILIZED W/ EROSION CONTROL FABRIC.

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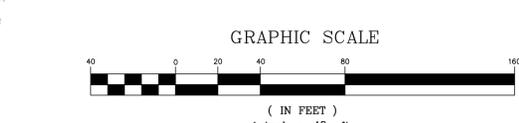
PROPOSED TUBULAR SEDIMENT BARRIER ALONG LOW, TYP.

TAX MAP 284, LOT 40 N/F GENE & ELIZABETH GRELLA BK.13279/PG.86

TAX MAP 299, LOT 54 N/F JOHN & NANCY QUIGLEY BK.34426/PG.311

TAX MAP 299, LOT 49 N/F TOWN OF FRANKLIN BK.26253/PG.126

TAX MAP 289, LOT 53 N/F DOUGLAS & TRICIA OPPELT BK.34313/PG.308



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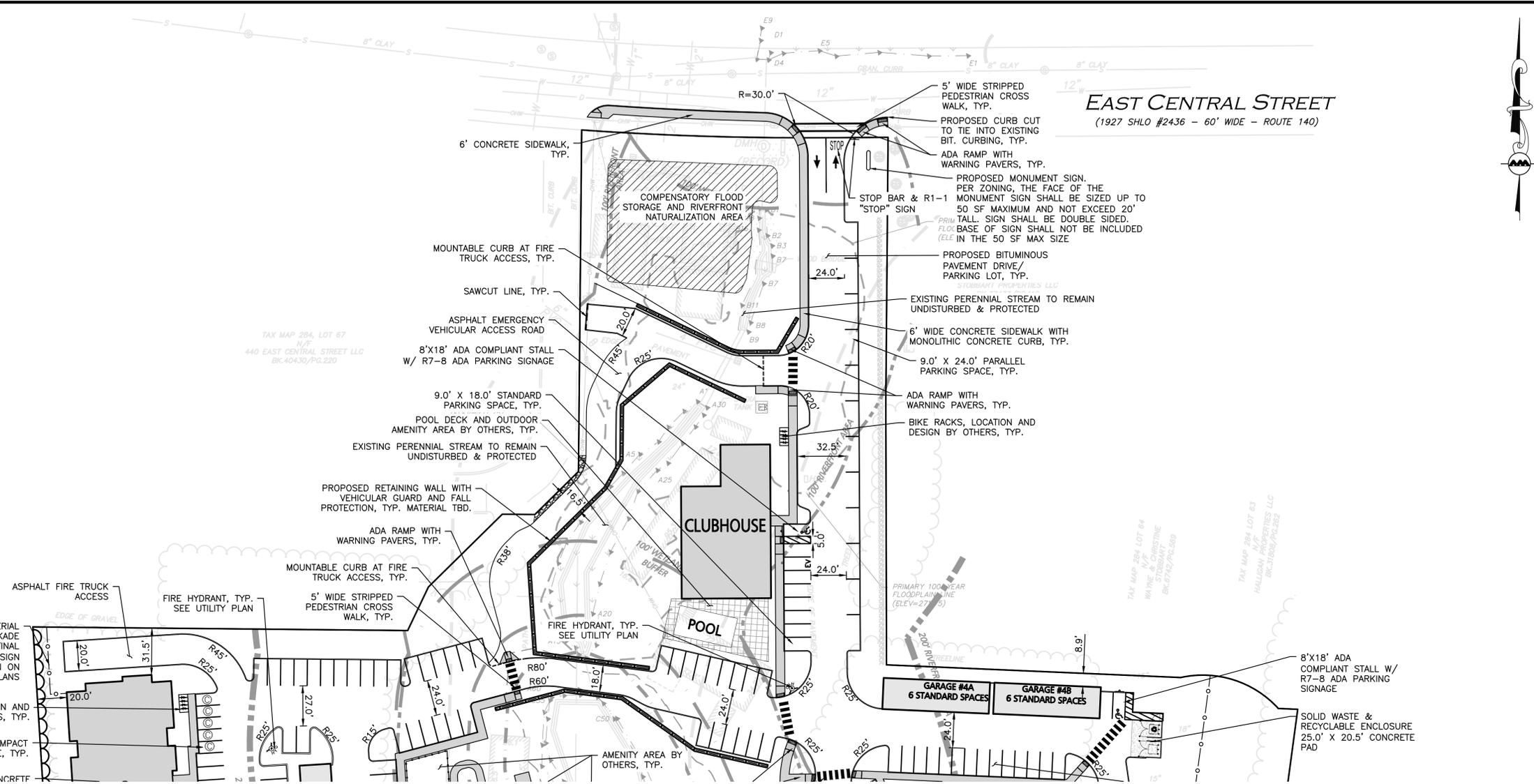
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DRAWING TITLE: EROSION CONTROL & SITE PREP PLAN SHEET No. C-101B
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DRAWING TITLE: **LAYOUT & MATERIALS PLAN** SHEET No. **C-102A**

ZONING SUMMARY TABLE
COMMERCIAL 2 ZONING DISTRICT

ZONE 2 WATER RESOURCE DISTRICT
COMMERCIAL AND BUSINESS CORRIDOR SIGN DISTRICT
SENIOR VILLAGE OVERLAY DISTRICT
FLOOD HAZARD OVERLAY DISTRICT

ITEM	COMMERCIAL 2 ZONING DISTRICT REQUIRED/ALLOWED	PROPOSED
MINIMUM LOT AREA	40,000 SF	635,135 SF
MINIMUM LOT CONTINUOUS FRONTAGE	175 FT	207 FT
MINIMUM LOT DEPTH	200 FT	983 FT
MINIMUM LOT WIDTH CIRCLE DIAMETER	157.5 FT	206 FT
MINIMUM FRONT YARD	40 FT	450 FT
MINIMUM SIDE YARD	30 FT	20 FT
MINIMUM REAR YARD	30 FT	90 FT
MAXIMUM HEIGHT OF BUILDING	40 FT (3 STORIES)	50 FT 4 (STORIES)
MAX. IMPERV. COVERAGE OF EX. UPLAND (STRUCTURES)	70% STRUCTURES	19% STRUCTURES
MAX. IMPERV. COVERAGE OF EX. UPLAND (PAVING)	-	34% PAVING
MAX. IMPERV. COVERAGE OF EX. UPLAND (TOTAL)	80%	53% IMPERVIOUS*

DIG SAFE *WETLAND AREA WAS CALCULATED INCLUDING BANK & BWV, EXCLUDING BLSF



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1-888-344-7233

OFF-STREET PARKING SUMMARY

LAND USAGE - MULTI-FAMILY RESIDENTIAL DWELLING UNITS:
2.0 SPACES PER RESIDENTIAL UNIT

PROPOSED RESIDENTIAL USE:
(254 UNITS)*(2.0 PER UNIT) = 508 SPACES

TOTAL PARKING SPACES REQUIRED = 508 SPACES

ADA REQUIRED STANDARD HANDICAPPED & VAN ACCESSIBLE SPACES
301 TO 400 PROPOSED PARKING SPACES = 8 TOTAL ADA SPACES REQUIRED, 1 VAN ACCESSIBLE

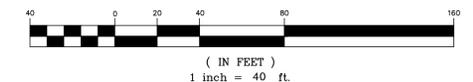
SURFACE			GARAGE		TOTAL PROPOSED
STANDARD (9'x18')	ACCESSIBLE (9'x18')	COMPACT (8'x16')	STANDARD (12'x21')	ACCESSIBLE (15'x21')	
155	132	8	56	34	2
					387 (1.52 STALL/UNIT)

LEGEND

PROP. PROPERTY LINE	---
SIGN	•
BOLLARD	•
BUILDING	▭
CURB	▬
RETAINING WALL	▬
PARKING STRIPING	▬
ROADWAY STRIPING	▬
TRAFFIC ARROWS	➔ ➔
SIDEWALK	▬
ADA ACCESSIBLE RAMP	▬
ADA DET. WARNING SURFACE	▬
GRAVEL ACCESS	▬
SETBACK LINE	▬
DECORATIVE FENCE	▬
PARKING COUNT	Ⓢ
TREE LINE	▬
TRANSFORMER	ⓧ

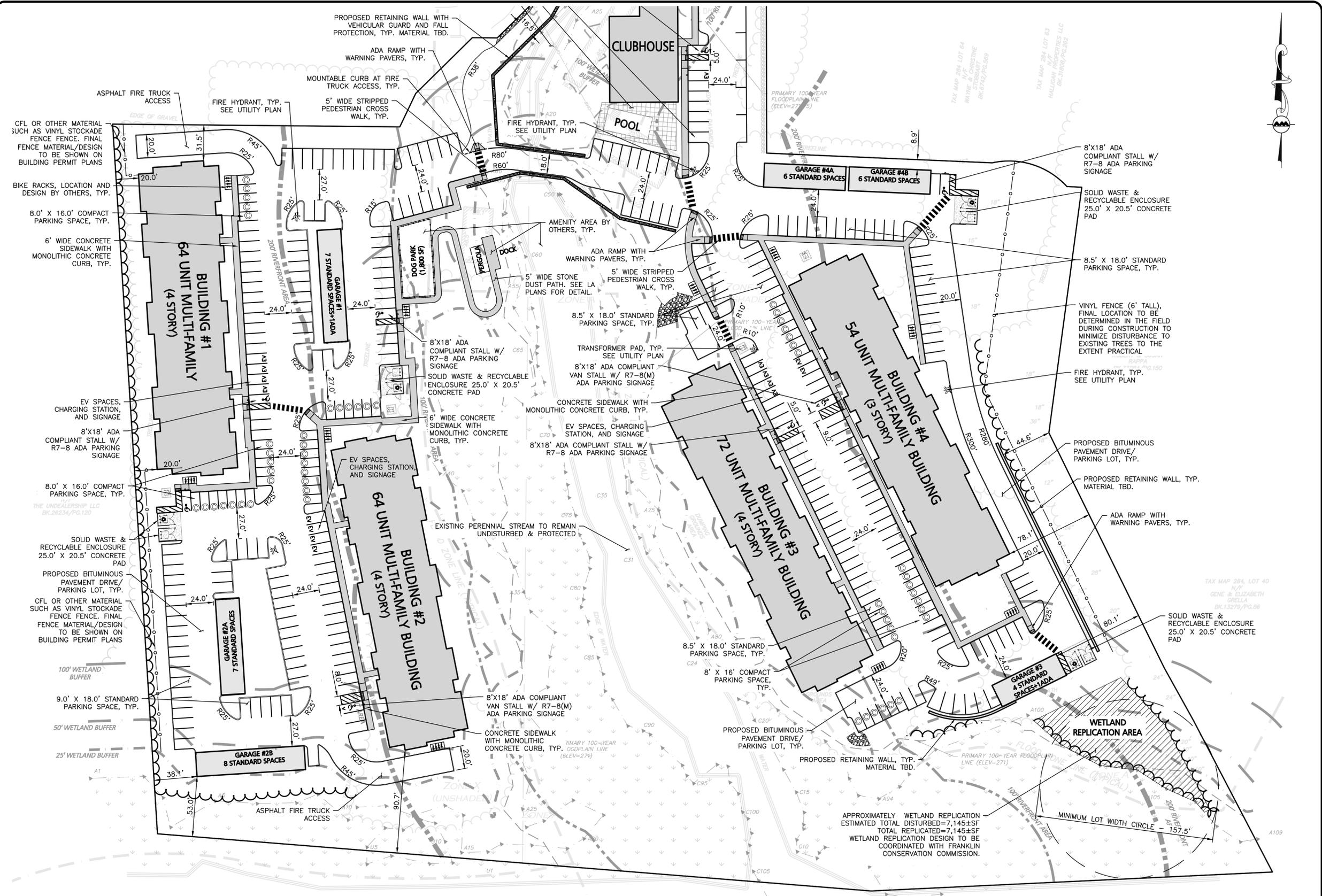
- GENERAL NOTES:
- THE EXISTING CONDITIONS USED IN THIS DRAWING IS FROM AN EXISTING CONDITIONS PLAN PREPARED BY ALLEN & MAJOR ASSOCIATES, INC.
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 - REFER TO THE WAIVERS REQUEST LIST FOR THE FULL LIST OF WAIVER NECESSARY FOR THIS PROJECT

GRAPHIC SCALE



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 PROFESSIONAL ENGINEER FOR
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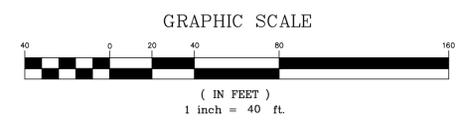
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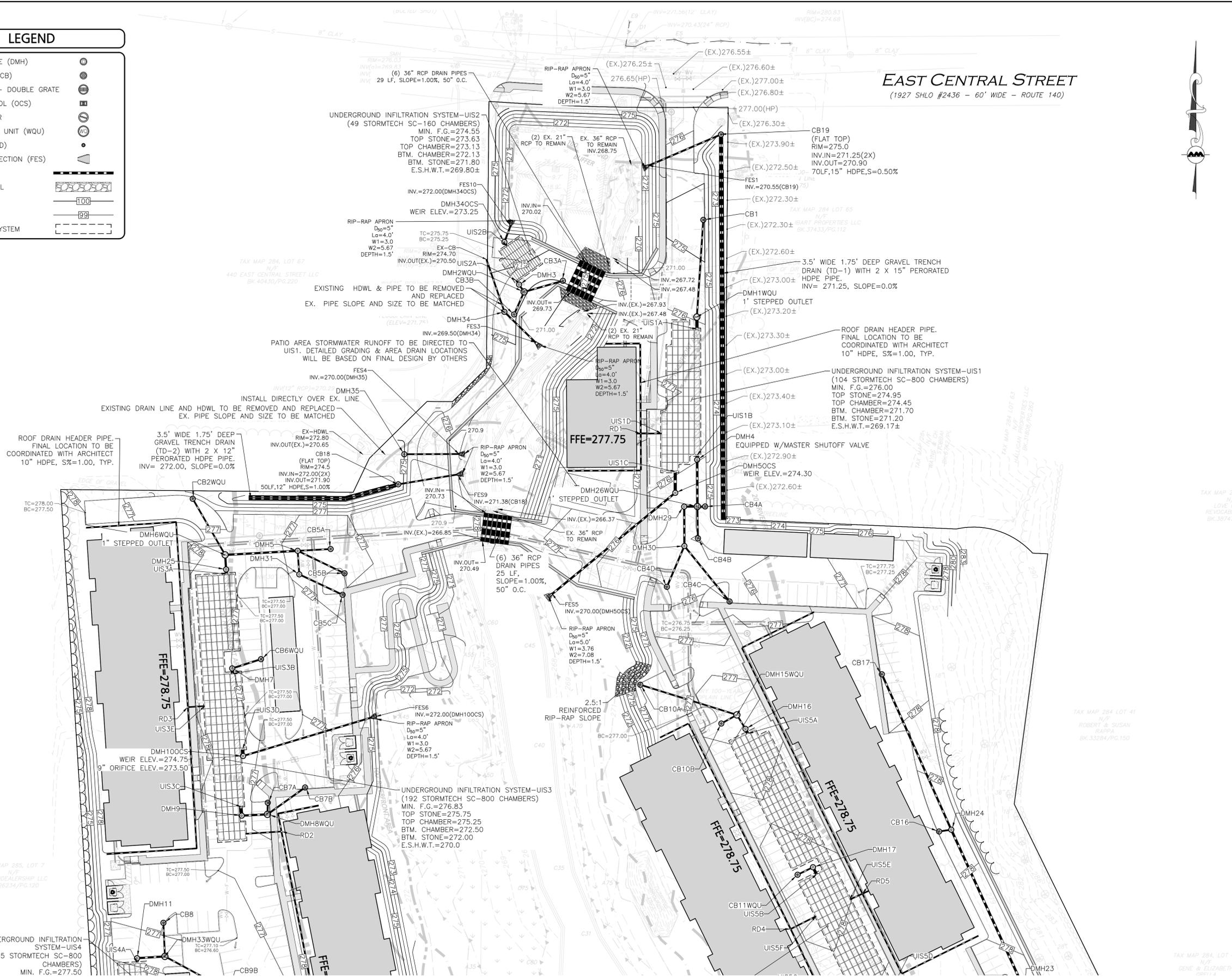
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LEGEND

- DRAIN MANHOLE (DMH)
- CATCH BASIN (CB)
- CATCH BASIN - DOUBLE GRATE
- OUTLET CONTROL (OCS)
- DIVERSION WEIR
- WATER QUALITY UNIT (WQU)
- AREA DRAIN (AD)
- FLARED END SECTION (FES)
- DRAIN LINE
- RIPRAP OUTFALL
- 5' CONTOUR
- 1' CONTOUR
- INFILTRATION SYSTEM



EAST CENTRAL STREET
(1927 SHLO #2436 - 60' WIDE - ROUTE 140)



Carlton M. Quinn
PROFESSIONAL ENGINEER FOR
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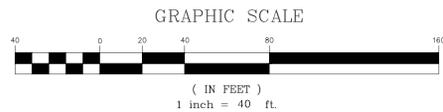
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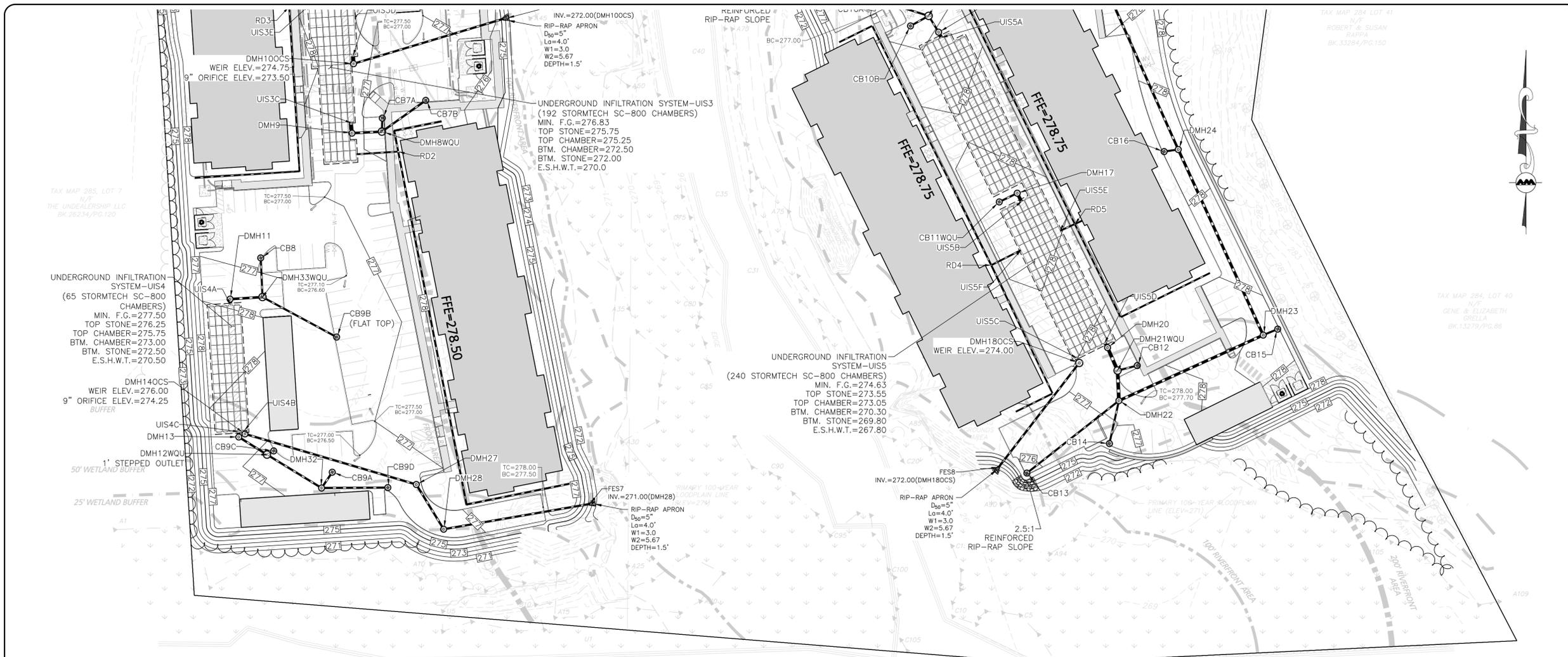
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DRAWING TITLE: **GRADING & DRAINAGE PLAN** SHEET No. **C-103A**



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TAX MAP 285, LOT 7
N/F
THE UNDERDEVELOPMENT LLC
BK 26234/PG 120

TAX MAP 284, LOT 41
N/F
ROBERT T. & SUSAN
24294
BK 33284/PG 150

TAX MAP 284, LOT 40
N/F
GENE & ELIZABETH
GRIELLA
BK 13278/PG 86



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APPLICANT/OWNER:
TAG CENTRAL LLC
275 REGATTA DRIVE
JUPITER, FL 33477

PROJECT:
40B MULTIFAMILY
444 EAST CENTRAL STREET
FRANKLIN, MA

PROJECT NO. 3317-01 DATE: 02-11-2025

SCALE: 1" = 40' DWG. NAME: C-3317-01

DESIGNED BY: MTB CHECKED BY: CMQ

PREPARED BY:

ALLEN & MAJOR ASSOCIATES, INC.
civil engineering • land surveying
environmental consulting • landscape architecture
www.allenmajor.com
100 COMMERCE WAY, SUITE 5
WOBURN MA 01801
TEL: (781) 935-6889
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DRAWING TITLE: GRADING & DRAINAGE PLAN SHEET No. C-103B

STRUCTURE	STRUCTURE DETAILS
CB1	RIM = 274.6 INV IN = 271.54 (DMH1WQU)
CB2WQU	RIM = 276.5 INV OUT = 272.18 (DMH6WQU)
CB3A	RIM = 274.8 INV OUT = 271.66 (DMH2WQU)
CB3B	RIM = 274.8 INV OUT = 271.52 (DMH2WQU)
CB4A	RIM = 275.5 INV OUT = 271.17 (DMH26WQU)
CB4B	RIM = 275.0 INV OUT = 271.38 (DMH26WQU)
CB4C	RIM = 275.6 INV OUT = 272.38 (DMH30)
CB4D	RIM = 275.7 INV OUT = 272.14 (DMH30)
CB5A	RIM = 276.5 INV OUT = 272.64 (DMH5)
CB5B	RIM = 276.8 INV OUT = 272.80 (DMH5)
CB5C	RIM = 276.8 INV OUT = 273.07 (DMH31)
CB6WQU	RIM = 276.5 INV OUT = 272.76 (DMH7)
CB7A	RIM = 276.5 INV OUT = 272.92 (DMH8WQU)
CB7B	RIM = 276.0 INV OUT = 273.22 (DMH8WQU)

STRUCTURE	STRUCTURE DETAILS
CB8	RIM = 276.6 INV OUT = 273.63 (DMH33WQU)
CB9A	RIM = 276.2 INV OUT = 273.00 (DMH32)
CB9B	RIM = 276.4 INV OUT = 273.97 (DMH33WQU)
CB9C	RIM = 276.8 INV OUT = 272.33 (DMH12WQU)
CB9D	RIM = 276.1 INV OUT = 273.35 (DMH32)
CB10A	RIM = 276.0 INV OUT = 271.42 (DMH15WQU)
CB10B	RIM = 276.5 INV OUT = 270.70 (DMH15WQU)
CB11WQU	RIM = 277.0 INV OUT = 270.55 (DMH17)
CB12	RIM = 277.0 INV OUT = 270.75 (DMH21WQU)
CB13	RIM = 275.8 INV OUT = 271.79 (DMH22)
CB14	RIM = 276.8 INV OUT = 271.24 (DMH22)
CB15	RIM = 277.5 INV OUT = 272.31 (DMH23)
CB16	RIM = 277.5 INV OUT = 273.54 (DMH24)
CB17	RIM = 277.5 INV OUT = 274.53 (DMH24)

STRUCTURE	STRUCTURE DETAILS
CB18	RIM = 275.5 INV IN = 271.90 (FES9)
CB19	RIM = 275.0 INV OUT = 270.90 (FES1)
DMH1WQU	RIM = 276.0 INV IN = 270.70 (CB1) INV OUT = 271.70 (UIS1A)
DMH2WQU	RIM = 274.8 INV IN = 271.31 (CB3B) INV IN = 271.31 (CB3A) INV OUT = 272.31 (DMH3)
DMH3	RIM = 274.8 INV IN = 272.23 (DMH2WQU) INV OUT = 272.13 (UIS2A)
DMH4	RIM = 276.0 INV IN = 271.70 (DMH26WQU) INV OUT = 271.70 (UIS1B)
DMH5	RIM = 276.8 INV IN = 272.35 (CB5A) INV IN = 272.35 (CB5B) INV IN = 272.35 (DMH31) INV OUT = 272.25 (DMH6WQU)
DMH5OCS	RIM = 275.6 INV IN = 271.70 (UIS1C) INV OUT = 271.70 (FES5)
DMH6WQU	RIM = 277.8 INV IN = 271.62 (DMH5) INV IN = 271.62 (CB2WQU) INV OUT = 272.63 (DMH25)
DMH7	RIM = 277.0 INV IN = 272.50 (CB6WQU) INV OUT = 272.50 (UIS3B)
DMH8WQU	RIM = 276.6 INV IN = 272.82 (CB7A) INV IN = 272.82 (CB7B) INV OUT = 272.72 (DMH9)
DMH9	RIM = 277.2 INV IN = 272.50 (DMH8WQU) INV OUT = 272.50 (UIS3C)
DMH10OCS	RIM = 277.3 INV IN = 272.50 (UIS3D) INV OUT = 273.16 (FES6)
DMH11	RIM = 277.8 INV IN = 273.00 (DMH33WQU) INV OUT = 273.00 (UIS4A)

STRUCTURE	STRUCTURE DETAILS
DMH12WQU	RIM = 276.8 INV IN = 272.28 (CB9C) INV IN = 272.28 (DMH32) INV OUT = 273.28 (DMH13)
DMH13	RIM = 277.5 INV IN = 273.00 (DMH12WQU) INV OUT = 273.00 (UIS4C)
DMH14OCS	RIM = 276.3 INV IN = 273.00 (UIS4B) INV OUT = 274.03 (DMH27)
DMH15WQU	RIM = 276.8 INV IN = 270.54 (CB10A) INV IN = 270.54 (CB10B) INV OUT = 270.44 (DMH16)
DMH16	RIM = 277.1 INV IN = 270.30 (DMH15WQU) INV OUT = 270.30 (UIS5A)
DMH17	RIM = 277.4 INV IN = 270.40 (CB11WQU) INV OUT = 270.30 (UIS5B)
DMH18OCS	RIM = 278.0 INV IN = 270.30 (UIS5C) INV OUT = 272.98 (FES8)
DMH20	RIM = 277.6 INV IN = 270.30 (DMH21WQU) INV OUT = 270.30 (UIS5D)
DMH21WQU	RIM = 277.3 INV IN = 270.60 (CB12) INV IN = 270.60 (DMH22) INV OUT = 270.50 (DMH20)
DMH22	RIM = 277.4 INV IN = 270.92 (CB14) INV IN = 270.92 (CB13) INV IN = 270.92 (DMH23) INV OUT = 270.82 (DMH21WQU)
DMH23	RIM = 277.6 INV IN = 272.20 (DMH24) INV IN = 272.20 (CB15) INV OUT = 272.10 (DMH22)
DMH24	RIM = 277.6 INV IN = 273.43 (CB16) INV IN = 273.43 (CB17) INV OUT = 273.33 (DMH23)
DMH25	RIM = 277.5 INV IN = 272.50 (DMH6WQU) INV OUT = 272.50 (UIS3A)
DMH26WQU	RIM = 275.6 INV IN = 271.10 (CB4A) INV IN = 271.10 (DMH29) INV IN = 271.10 (CB4B) INV OUT = 272.10 (DMH4)

STRUCTURE	STRUCTURE DETAILS
DMH27	RIM = 276.5 INV IN = 272.69 (DMH14OCS) INV OUT = 272.59 (DMH28)
DMH28	RIM = 276.8 INV IN = 272.20 (DMH27) INV OUT = 272.10 (FES7)
DMH29	RIM = 275.3 INV IN = 271.32 (DMH30) INV OUT = 271.22 (DMH26WQU)
DMH30	RIM = 275.4 INV IN = 271.76 (CB4C) INV IN = 271.76 (CB4D) INV OUT = 271.66 (DMH29)
DMH31	RIM = 276.8 INV IN = 272.66 (CB5C) INV OUT = 272.56 (DMH5)
DMH32	RIM = 276.8 INV IN = 272.85 (CB9D) INV IN = 272.85 (CB9A) INV OUT = 272.75 (DMH12WQU)
DMH33WQU	RIM = 277.5 INV IN = 273.34 (CB8) INV IN = 273.34 (CB9E) INV OUT = 273.24 (DMH11)
DMH34	RIM = 274.8 INV IN = 269.99 (EX-CB) INV OUT = 269.89 (FES3)
DMH34OCS	RIM = 275.2 INV IN = 272.13 (UIS2B) INV OUT = 272.15 (FES10)
DMH35	RIM = 275.0 INV IN = 270.40 (EX-HOWL) INV OUT = 270.33 (FES4)

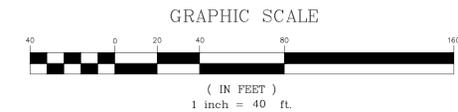
PIPE SEGMENT	SIZE	LENGTH	SLOPE	MATERIAL
0 - RD5	10"	6'	1.02%	HDPE
CB1 - DMH1WQU	12"	84'	1.00%	HDPE
CB2WQU - DMH6WQU	12"	56'	1.00%	HDPE
CB3A - DMH2WQU	12"	35'	1.00%	HDPE
CB3B - DMH2WQU	12"	21'	1.00%	HDPE
CB4A - DMH26WQU	12"	7'	1.00%	HDPE
CB4B - DMH26WQU	12"	27'	1.00%	HDPE
CB4C - DMH30	12"	62'	1.00%	HDPE
CB4D - DMH30	12"	38'	1.00%	HDPE
CB5A - DMH5	12"	29'	1.00%	HDPE
CB5B - DMH5	12"	45'	1.00%	HDPE
CB5C - DMH31	12"	41'	1.00%	HDPE
CB6WQU - DMH7	12"	26'	1.00%	HDPE
CB7A - DMH8WQU	12"	10'	1.00%	HDPE
CB7B - DMH8WQU	12"	40'	1.00%	HDPE
CB8 - DMH33WQU	12"	29'	1.00%	HDPE
CB9A - DMH32	12"	14'	1.00%	HDPE
CB9B - DMH33WQU	12"	63'	1.00%	HDPE
CB9C - DMH12WQU	12"	6'	1.00%	HDPE
CB9D - DMH32	12"	49'	1.00%	HDPE
CB10A - DMH15WQU	12"	88'	1.00%	HDPE
CB10B - DMH15WQU	12"	15'	1.00%	HDPE
CB11WQU - DMH17	12"	15'	1.00%	HDPE
CB12 - DMH21WQU	12"	15'	1.00%	HDPE
CB13 - DMH22	12"	87'	1.00%	HDPE

PIPE SEGMENT	SIZE	LENGTH	SLOPE	MATERIAL
CB14 - DMH23	12"	33'	1.00%	HDPE
CB15 - DMH23	12"	12'	1.00%	HDPE
CB16 - DMH24	12"	11'	1.00%	HDPE
CB17 - DMH24	15"	147'	0.75%	HDPE
CB18 - FES9	12"	52'	1.00%	HDPE
CB19 - FES1	12"	68'	0.51%	HDPE
DMH1WQU - UIS1A	24"	10'	0.00%	HDPE
DMH2WQU - DMH3	12"	8'	1.00%	HDPE
DMH4 - UIS1B	24"	4'	0.00%	HDPE
DMH5 - DMH6WQU	15"	63'	1.00%	HDPE
DMH5OCS - FES5	15"	138'	1.24%	HDPE
DMH6WQU - DMH25	15"	13'	1.00%	HDPE
DMH7 - UIS3B	24"	5'	0.00%	HDPE
DMH8WQU - DMH9	15"	22'	1.00%	HDPE
DMH9 - UIS3C	24"	8'	0.00%	HDPE
DMH10OCS - FES6	12"	116'	1.00%	HDPE
DMH11 - UIS4A	24"	4'	0.00%	HDPE
DMH12WQU - DMH13	15"	25'	1.12%	HDPE
DMH13 - UIS4C	24"	4'	0.00%	HDPE
DMH14OCS - DMH27	15"	133'	1.01%	HDPE
DMH15WQU - DMH16	12"	14'	1.00%	HDPE
DMH16 - UIS5A	24"	5'	0.00%	HDPE
DMH17 - UIS5B	24"	7'	0.00%	HDPE
DMH18OCS - FES8	12"	98'	1.00%	HDPE
DMH20 - UIS5D	24"	4'	0.00%	HDPE

PIPE SEGMENT	SIZE	LENGTH	SLOPE	MATERIAL
DMH21WQU - DMH20	24"	19'	1.05%	HDPE
DMH22 - DMH21WQU	24"	22'	1.00%	HDPE
DMH23 - DMH22	18"	118'	1.00%	HDPE
DMH24 - DMH23	18"	151'	0.75%	HDPE
DMH26WQU - DMH4	18"	40'	1.00%	HDPE
DMH27 - DMH28	15"	39'	1.00%	HDPE
DMH28 - FES7	12"	110'	1.00%	HDPE
DMH29 - DMH26WQU	15"	11'	1.00%	HDPE
DMH30 - DMH29	15"	34'	1.00%	HDPE
DMH31 - DMH5	12"	20'	1.00%	HDPE
DMH32 - DMH12WQU	12"	48'	1.00%	HDPE
DMH33WQU - DMH11	15"	24'	1.00%	HDPE
DMH34 - FES3	12"	38'	1.04%	HDPE
DMH34OCS - FES10	12"	15'	1.00%	HDPE
DMH35 - FES4	12"	47'	0.70%	HDPE
EX-CB - DMH34	12"	48'	1.04%	HDPE
RD2 - UIS3F	10"	32'	1.00%	HDPE
RD3 - UIS3E	10"	15'	1.00%	HDPE
RD4 - UIS5F	10"	25'	1.00%	HDPE
RD5 - UIS5E	10"	12'	1.00%	HDPE
UIS1C - DMH5OCS	24"	18'	0.00%	HDPE
UIS3D - DMH10OCS	24"	6'	0.00%	HDPE
UIS4B - DMH14OCS	24"	3'	0.00%	HDPE
UIS5C - DMH18OCS	24"	4'	0.00%	HDPE

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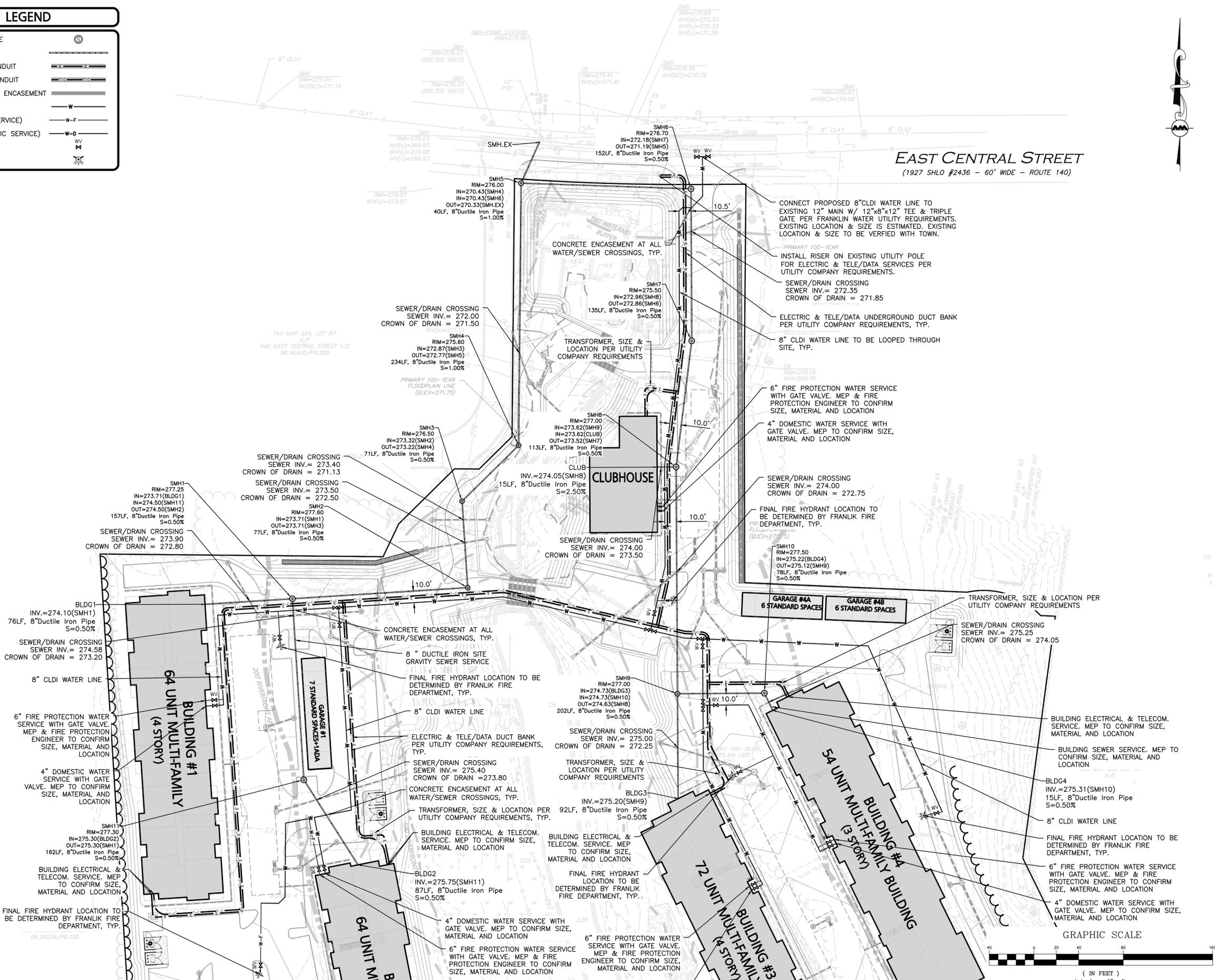
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LEGEND

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SEWER LINE	
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TELE/CABLE CONDUIT	
CONCRETE PIPE ENCASUREMENT	
WATER LINE	
WATER (FIRE SERVICE)	
WATER (DOMESTIC SERVICE)	
WATER VALVE	
HYDRANT	



EAST CENTRAL STREET
(1927 SHLO #2436 - 60' WIDE - ROUTE 140)



Carlton M. Quinn
PROFESSIONAL ENGINEER FOR
ALLEN & MAJOR ASSOCIATES, INC.

REV	DATE	DESCRIPTION
D	10/29/25	REVISED COMPREHENSIVE PERMIT
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275 REGATTA DRIVE
JUPITER, FL 33477

PROJECT:
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444 EAST CENTRAL STREET
FRANKLIN, MA

PROJECT NO.	3317-01	DATE:	02-11-2025
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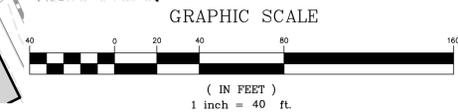
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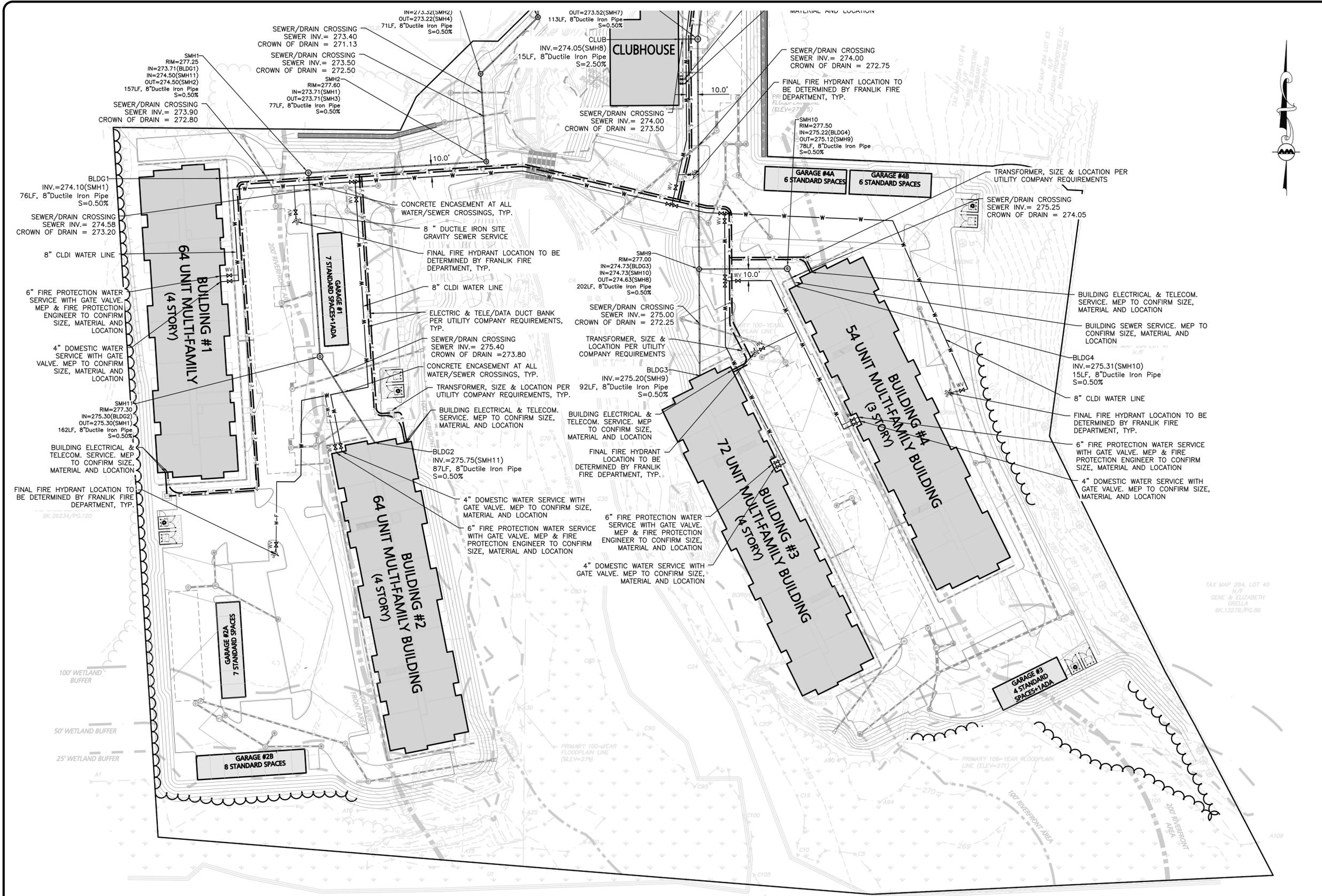
DRAWING TITLE: UTILITIES PLAN SHEET No. C-104A

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APPLICANT/OWNER:
 TAG CENTRAL LLC
 275 REGATTA DRIVE
 JUPITER, FL 33477

PROJECT:
 40B MULTIFAMILY
 444 EAST CENTRAL STREET
 FRANKLIN, MA

PROJECT NO.	3317-01	DATE:	02-11-2025
SCALE:	1" = 40'	DWG. NAME:	C-3317-01
DESIGNED BY:	MTB	CHECKED BY:	CMQ

PREPARED BY:

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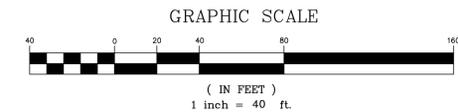
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EAST CENTRAL STREET

(1927 SHLO #2436 - 60' WIDE - ROUTE 140)

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 2. THE PLAN DEPICTS APPROXIMATELY 20,000 S.F. OF AREA AVAILABLE FOR PRIMARY SNOW STORAGE WITHIN THE PROJECT AREA FOR AN AREA OF 165,500 SF REQUIRING SNOW REMOVAL. THE AREA IS ESTIMATED TO ACCOMMODATE AN APPROXIMATE 2.4' OF SNOWFALL, ASSUMING A 5:1 COMPACTION AND AN AVERAGE SNOW PILE HEIGHT OF 4.0'. ADDITIONAL SNOW SECONDARY SNOW STORAGE AREAS ARE AVAILABLE ON-SITE IF NECESSARY.
 3. IT IS UNLIKELY THIS PROJECT WOULD NEED SNOW TO BE REMOVED OFF-SITE, BUT IF NECESSARY: SNOW WILL BE STOCKPILED ON SITE UNTIL THERE IS NOT ENOUGH SPACE. AS NECESSARY, THE SNOW WILL BE REMOVED AND DISPOSED OF OFF-SITE. IT WILL BE THE RESPONSIBILITY OF THE SNOW REMOVAL CONTRACTOR TO PROPERLY DISPOSE OF TRANSPORTED SNOW ACCORDING TO MASSACHUSETTS DEP. BUREAU OF RESOURCE PROTECTION - MASSACHUSETTS DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF WATER RESOURCES SNOW DISPOSAL GUIDANCE EFFECTIVE DATE: DECEMBER 23, 2019, GOVERNING THE PROPER DISPOSAL OF SNOW. IT WILL BE THE RESPONSIBILITY OF THE SNOW REMOVAL CONTRACTOR TO FOLLOW THESE GUIDELINES AND ALL APPLICABLE LAWS AND REGULATIONS.
 4. UNDER NO CIRCUMSTANCES SHALL SNOW BE STORED IN ANY WETLAND RESOURCE AREA OR PROPOSED STORMWATER MANAGEMENT SYSTEM.
 5. SNOW STORAGE WILL BE IMPLEMENTED TO AVOID HYDRANTS, FENCES, PLANTINGS AND OTHER PERMANENT FEATURES. SNOW STORAGE LOCATIONS MAY BE ADJUSTED IN THE FIELD NECESSARY TO AVOID CONFLICT WITH LANDSCAPING OR SITE FEATURES.



Carlton M. Quinn
 PROFESSIONAL ENGINEER FOR
 ALLEN & MAJOR ASSOCIATES, INC.

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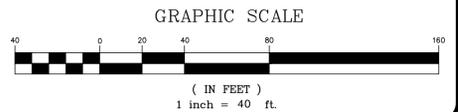
PREPARED BY:

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DRAWING TITLE:	SHEET No.
SNOW STORAGE PLAN	C-105A



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LEGEND

AREAS REQUIRING SNOW REMOVAL	
PRIMARY SNOW STORAGE AREAS	

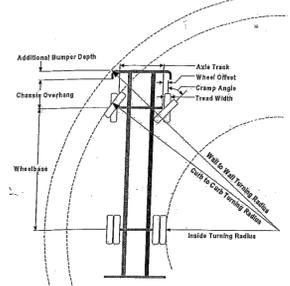


Turning Performance Analysis

2/12/2007

Job Number: Franklin Fire Department
Department: 9558

Chassis: Quantum, Bright Finish, S Chassis, PAF
Body: Aerial, Platform 100', No Pump, S/B Body



Parameters:

Inside Cramp Angle:	45°
Axle Track:	82.92 in.
Wheel Offset:	4.68 in.
Tread Width:	17.70 in.
Chassis Overhang:	82.44 in.
Additional Bumper Depth:	26.00 in.
Front Overhang:	161.35 in.
Wheelbase:	256.25 in.

Calculated Turning Radii:

Inside Turn:	20 ft. 3 in.
Club to Club:	36 ft. 7 in.
Wall to Wall:	45 ft. 7 in.

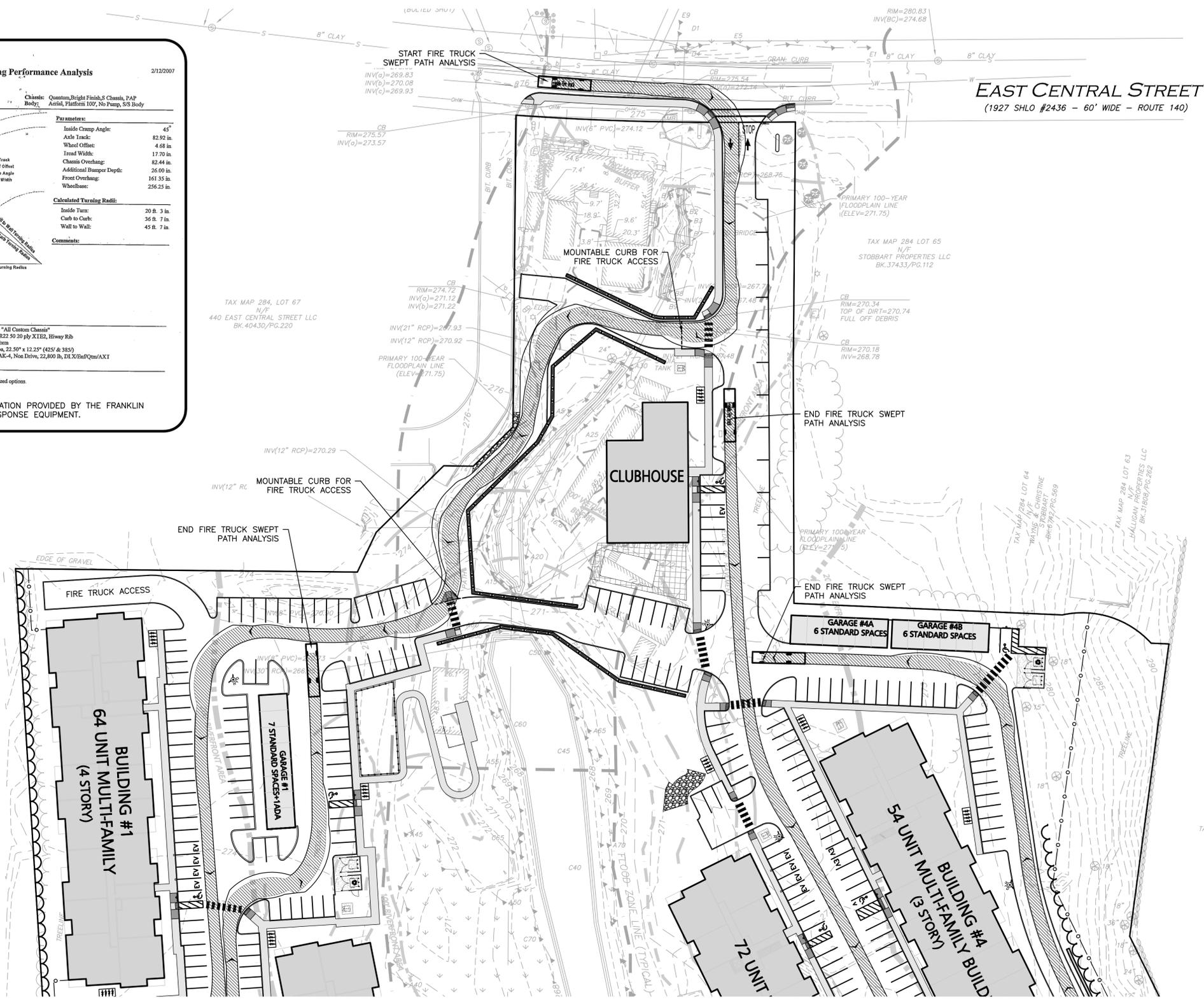
Comments:

Components:

FRIDGE #	Description
0022248	Bumper, 26" extended - "All Custom Chassis"
0001647	Tires, Michelin, 425/65R22 50 20 ply X1E2, Highway Rb
0022160	Aerial, 100' Pierce Platform
0018011	Wheels, Frt, Alum, 22 50" x 12.25" (425 & 385)
0018453	Axle, Front, Outknoah TAK-4, Non Drive, 22,800 lb, DLX/Std/Qty/AXT

Notes:
Actual Inside Cramp Angle may be less due to highly specialized options.
Curb to Curb turning radius calculated for a 9.00 inch curb.

FIRE TRUCK CIRCULATION INFORMATION PROVIDED BY THE FRANKLIN FIRE DEPARTMENT FOR FIRST RESPONSE EQUIPMENT.



EAST CENTRAL STREET
(1927 SHLO #2436 - 60' WIDE - ROUTE 140)



PROFESSIONAL ENGINEER FOR
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APPLICANT/OWNER:
TAG CENTRAL LLC
275 REGATTA DRIVE
JUPITER, FL 33477

PROJECT:
40B MULTIFAMILY
444 EAST CENTRAL STREET
FRANKLIN, MA

PROJECT NO.	3317-01	DATE:	02-11-2025
SCALE:	1" = 40'	DWG. NAME:	C-3317-01
DESIGNED BY:	MTB	CHECKED BY:	CMQ

PREPARED BY:

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100 COMMERCE WAY, SUITE 5
WOBURN MA 01801
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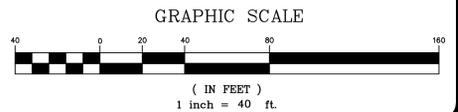
DRAWING TITLE: **FIRE TRUCK TURNING PLAN** SHEET No. **C-106A**

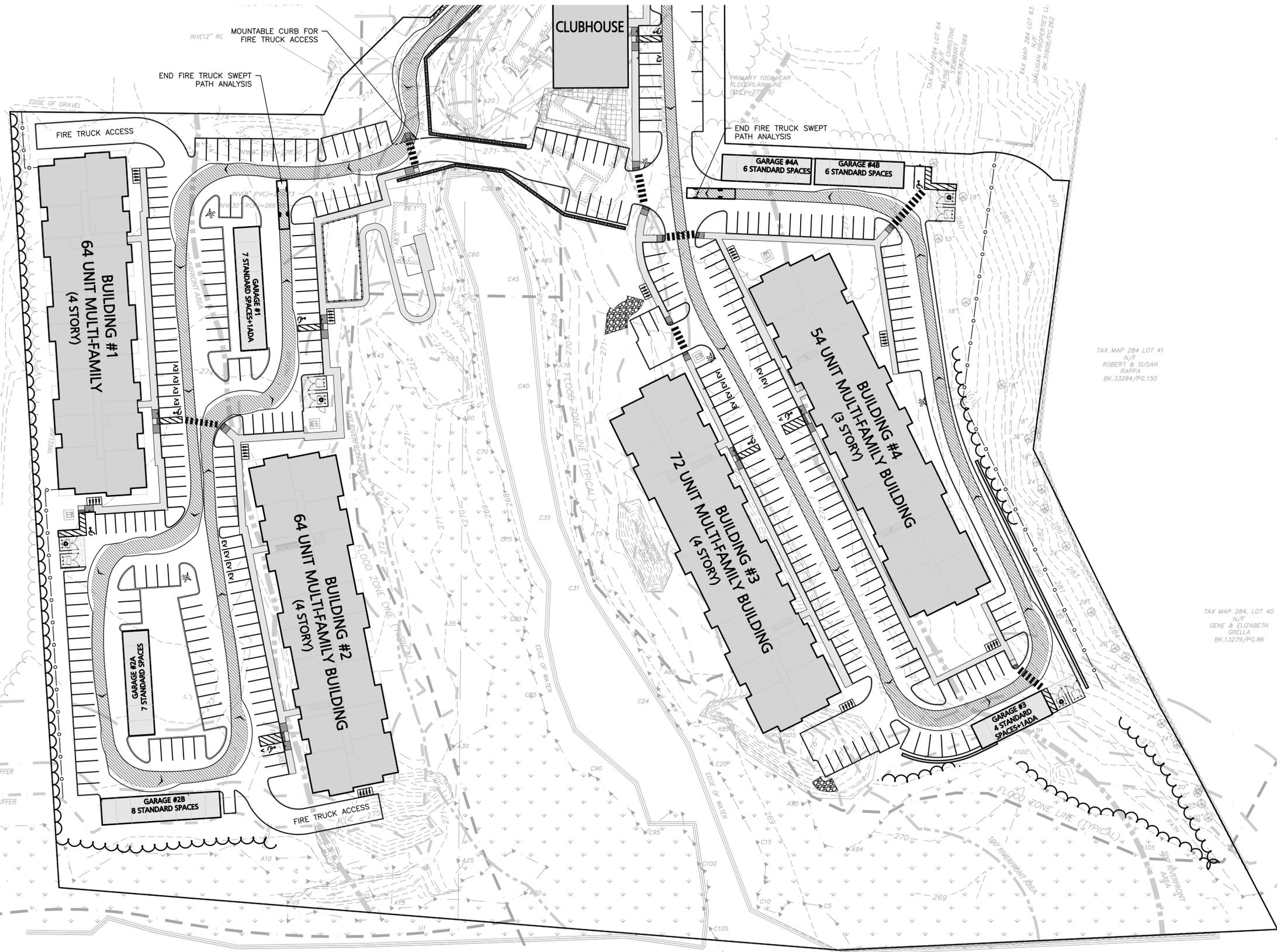
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DRAWING TITLE: **FIRE TRUCK TURNING PLAN** SHEET No. **C-106B**

TAX MAP 285, LOT 7
N/F
THE UNDEALERSHIP LLC
BK.26234/PG.120

TAX MAP 284 LOT 41
N/F
ROBERT & SUSAN RAPPA
BK.33284/PG.150

TAX MAP 284, LOT 40
N/F
GENE & ELIZABETH GRELLA
BK.13279/PG.86

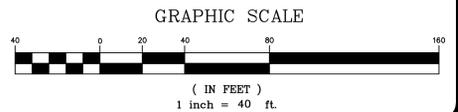
TAX MAP 299, LOT 49
N/F
TOWN OF FRANKLIN
BK.26253/PG.126

TAX MAP 299, LOT 53
N/F
DOUGLAS & TRICIA OPPELT
BK.34315/PG.308

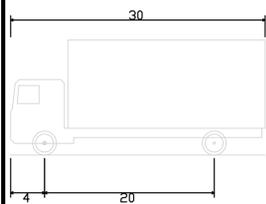
TAX MAP 299, LOT 54
N/F
JOHN & NANCY OUIGLEY

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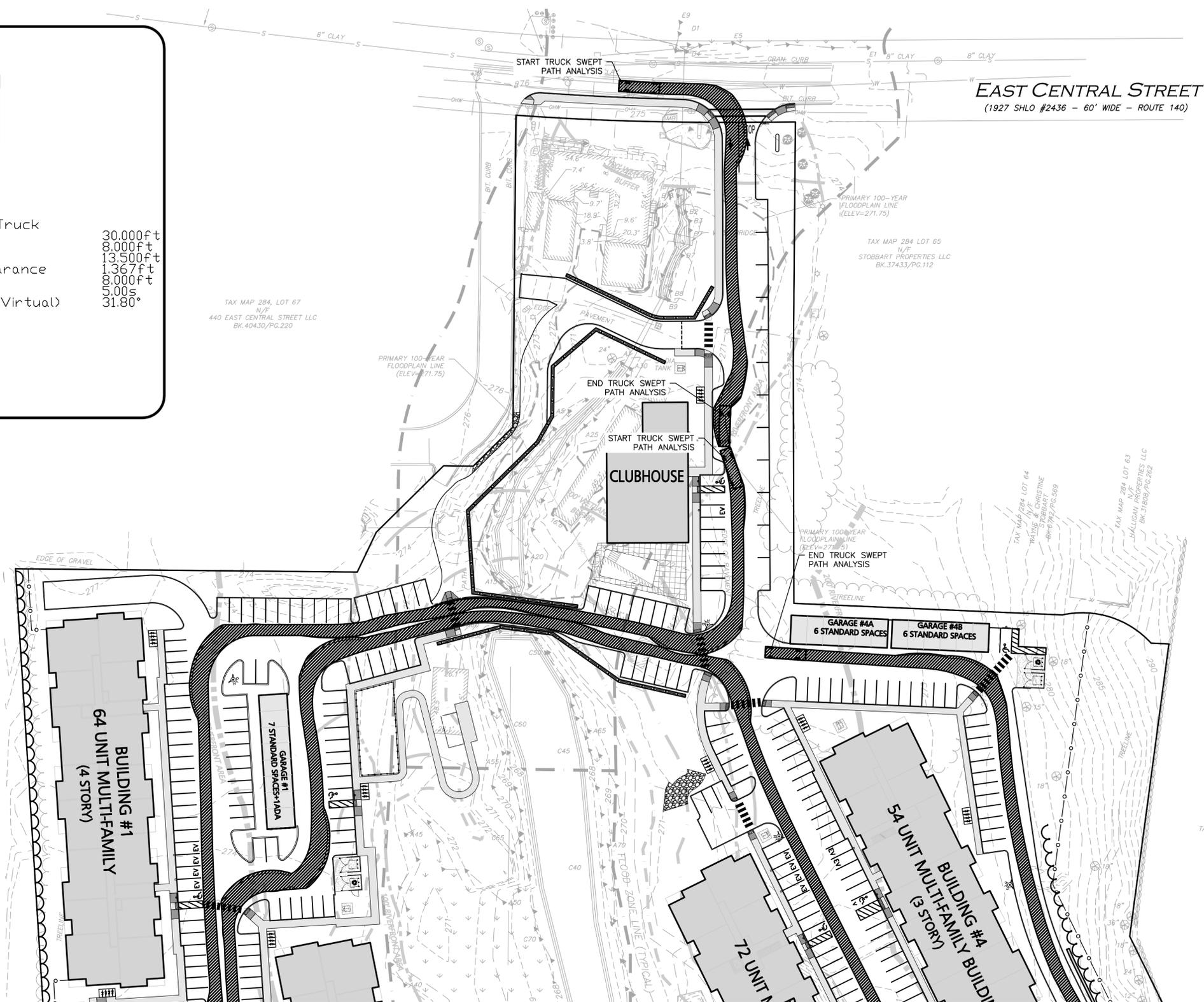
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SU-30 - Single Unit Truck
 Overall Length 30.000ft
 Overall Width 8.000ft
 Overall Body Height 13.500ft
 Min Body Ground Clearance 1.367ft
 Track Width 8.000ft
 Lock-to-lock time 5.00s
 Max Steering Angle (Virtual) 31.80°



EAST CENTRAL STREET
 (1927 SHLO #2436 - 60' WIDE - ROUTE 140)



Carlton M. Quinn
 PROFESSIONAL ENGINEER FOR
 ALLEN & MAJOR ASSOCIATES, INC.

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 275 REGATTA DRIVE
 JUPITER, FL 33477

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40B MULTIFAMILY
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 FRANKLIN, MA

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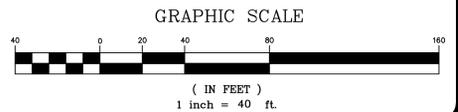
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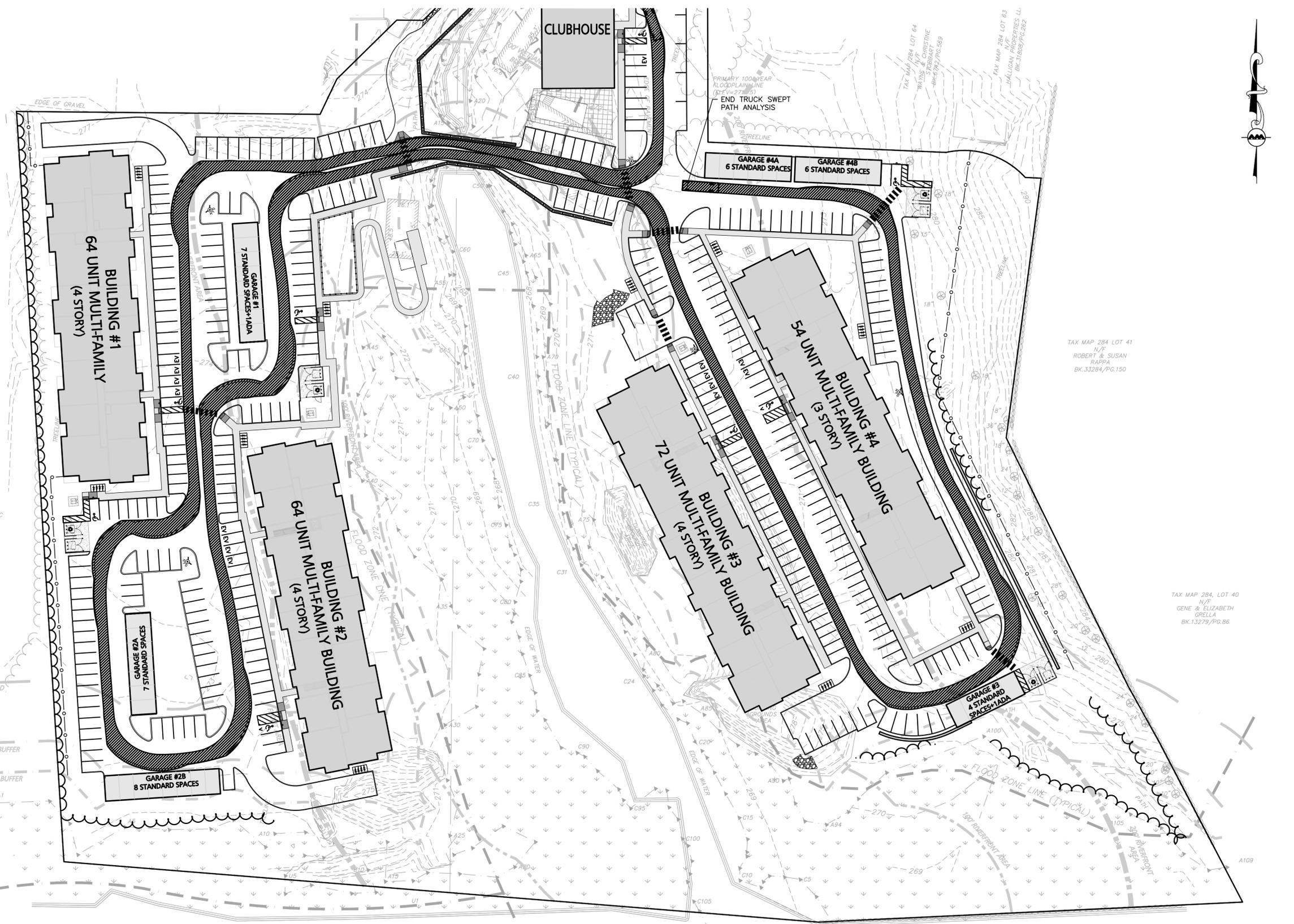


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TAX MAP 285, LOT 7
N/F
THE UNDEALERSHIP LLC
BK.26234/Pg.120

100' WETLAND BUFFER
50' WETLAND BUFFER
25' WETLAND BUFFER

CLUBHOUSE

GARAGE #4A
6 STANDARD SPACES

GARAGE #4B
6 STANDARD SPACES

BUILDING #1
64 UNIT MULTI-FAMILY
(4 STORY)

BUILDING #2
64 UNIT MULTI-FAMILY BUILDING
(4 STORY)

BUILDING #3
72 UNIT MULTI-FAMILY BUILDING
(4 STORY)

BUILDING #4
54 UNIT MULTI-FAMILY BUILDING
(3 STORY)

GARAGE #2B
8 STANDARD SPACES

GARAGE #3
4 STANDARD SPACES+ADA

TAX MAP 284 LOT 41
N/F
ROBERT & SUSAN RAPPA
BK.33284/Pg.150

TAX MAP 284, LOT 40
N/F
GENE & ELIZABETH GRELLA
BK.13279/Pg.86

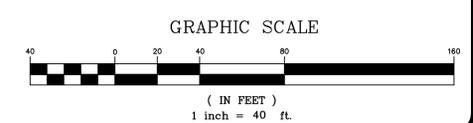
TAX MAP 289, LOT 49
N/F
TOWN OF FRANKLIN
BK.26253/Pg.126

TAX MAP 289, LOT 53
N/F
DOUGLAS & TRICIA OPPELT
BK.34313/Pg.308

TAX MAP 289, LOT 54
N/F
JOHN & NANCY OUIGLEY

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275 REGATTA DRIVE
JUPITER, FL 33477

PROJECT:
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444 EAST CENTRAL STREET
FRANKLIN, MA

PROJECT NO.	3317-01	DATE:	02-11-2025
SCALE:	1" = 40'	DWG. NAME:	C-3317-01
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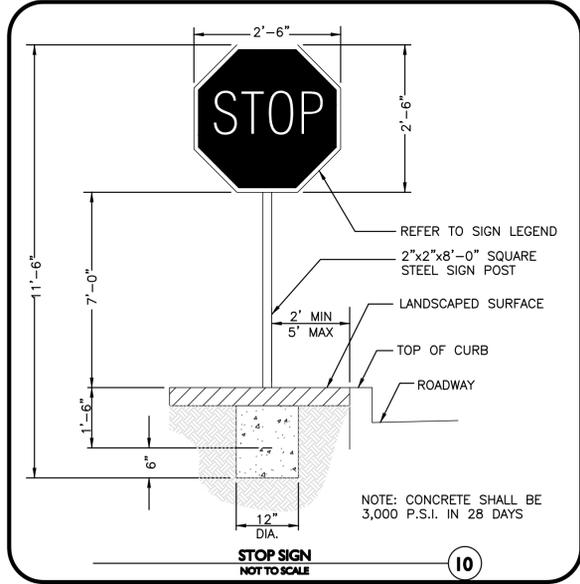
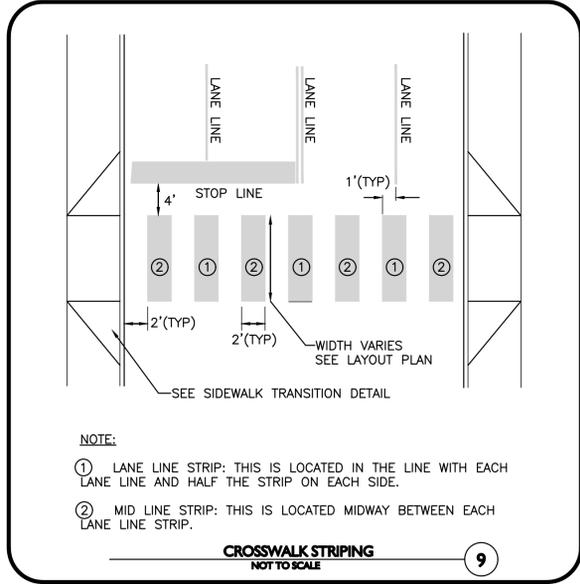
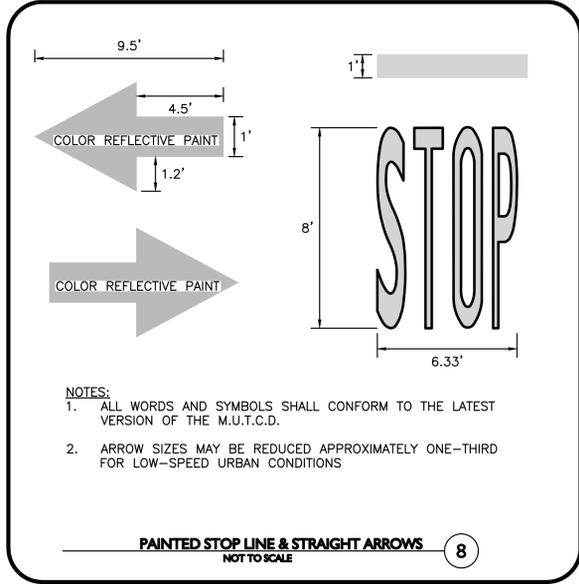
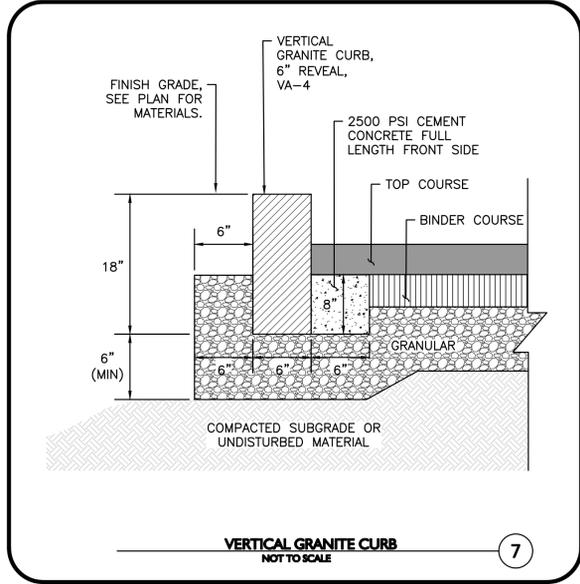
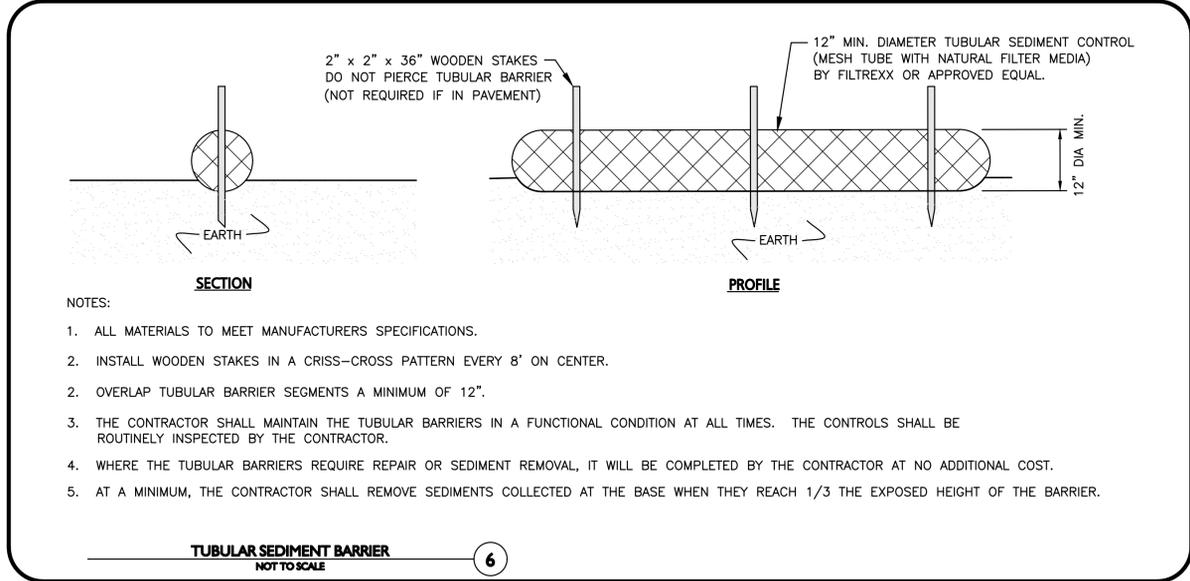
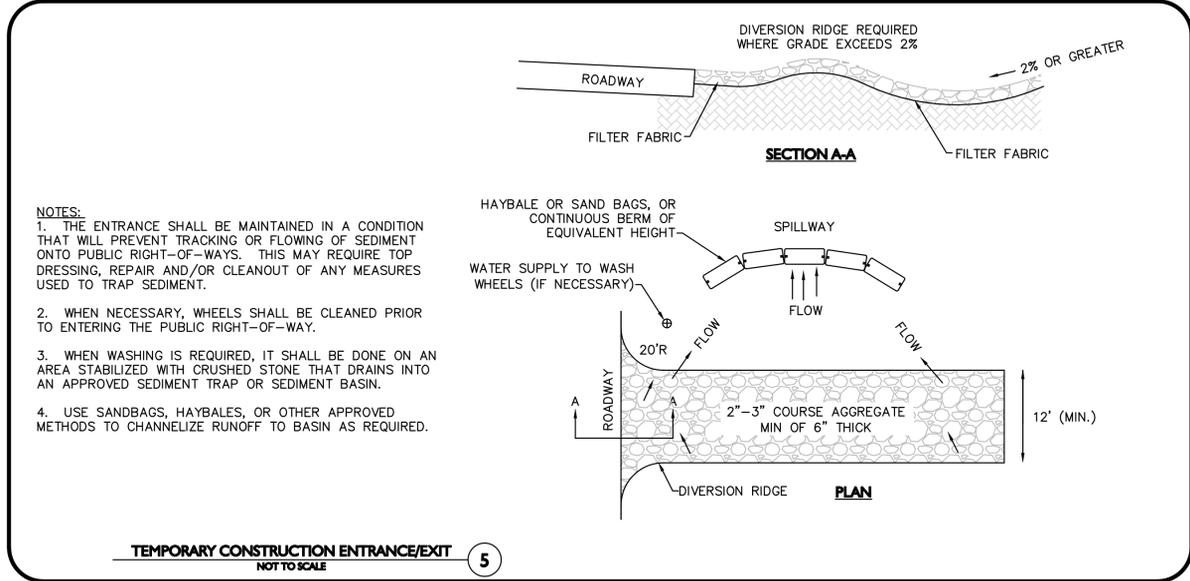
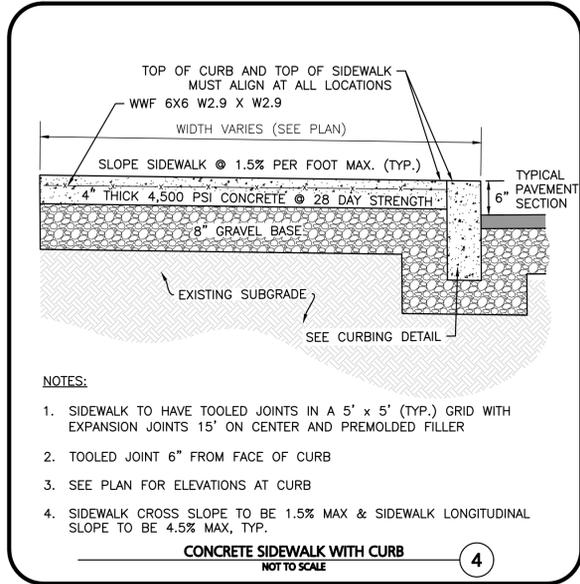
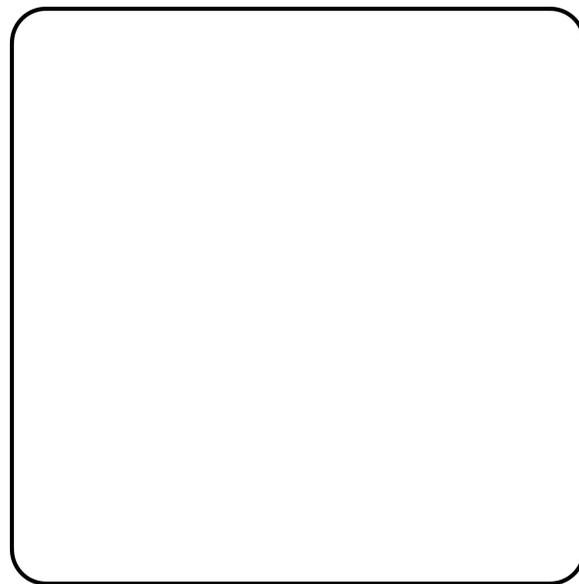
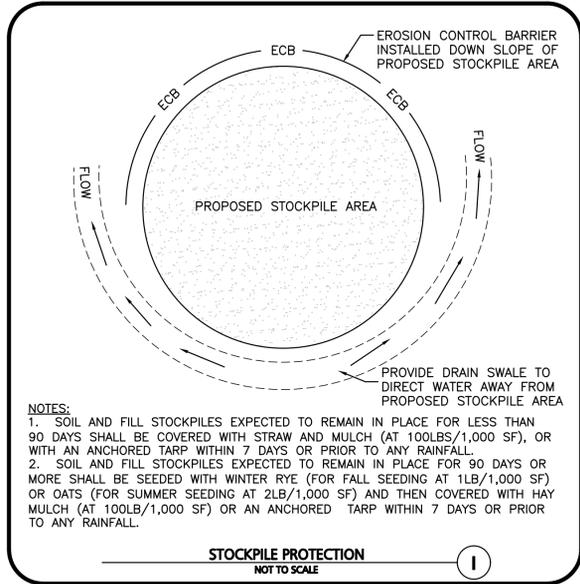
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DRAWING TITLE: SU-30 TRUCK TURNING PLAN
SHEET No. C-107B

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APPLICANT/OWNER:
TAG CENTRAL LLC
275 REGATTA DRIVE
JUPITER, FL 33477

PROJECT:
40B MULTIFAMILY
444 EAST CENTRAL STREET
FRANKLIN, MA

PROJECT NO.	3317-01	DATE:	02-11-2025
SCALE:	AS SHOWN	DWG. NAME:	C-3317-01
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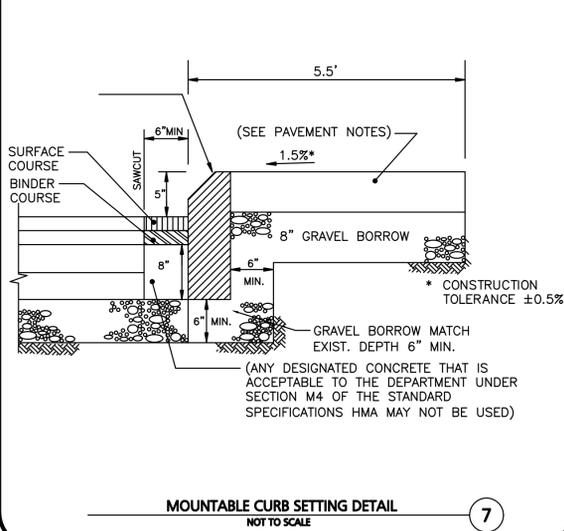
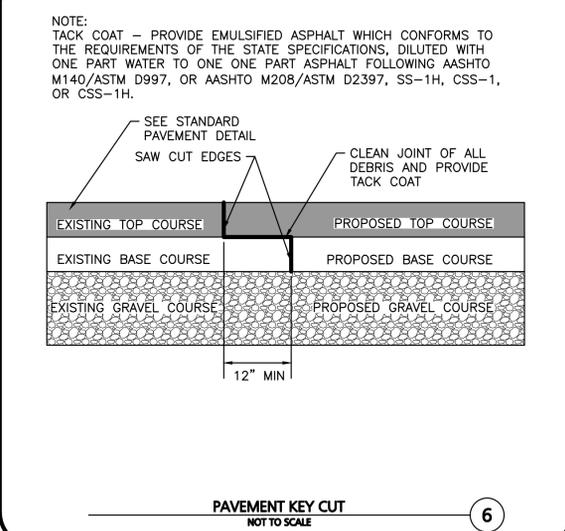
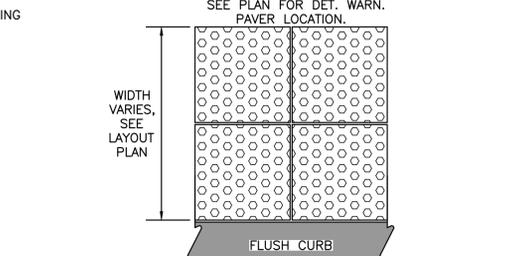
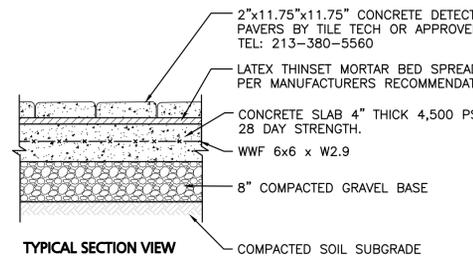
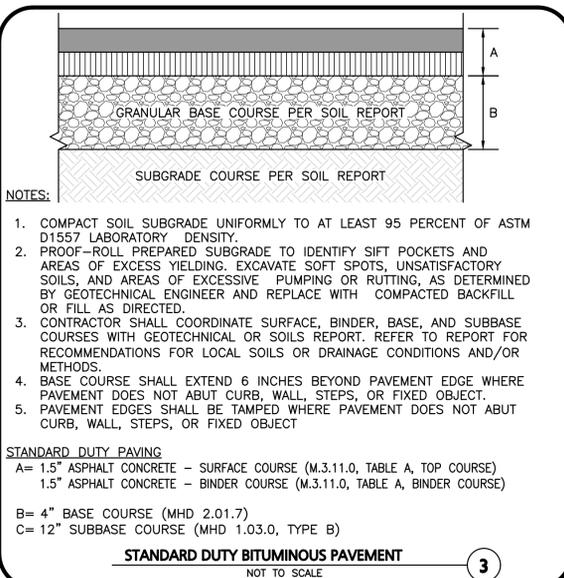
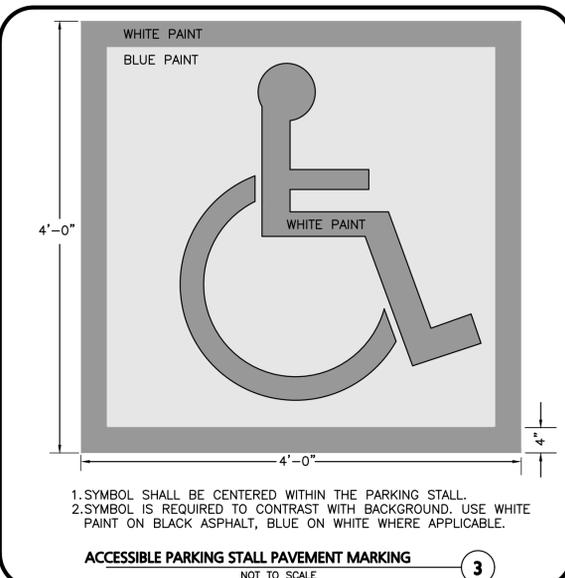
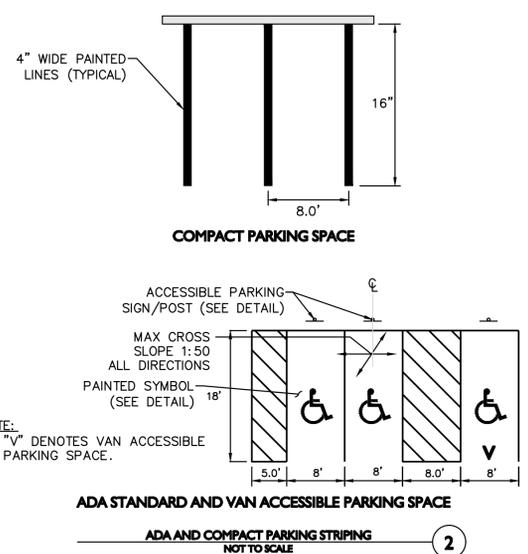
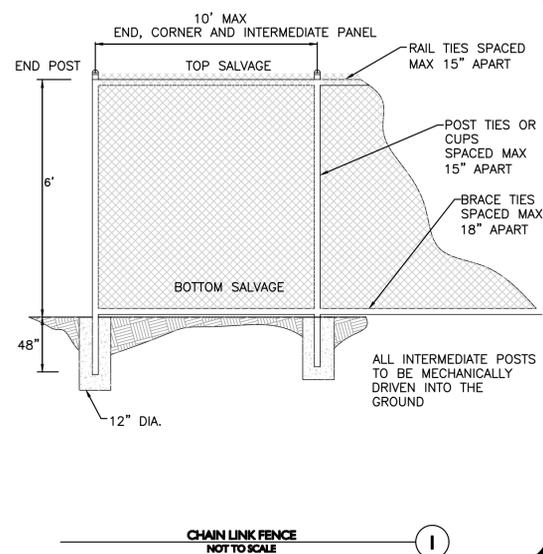
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DETAILS	C-501



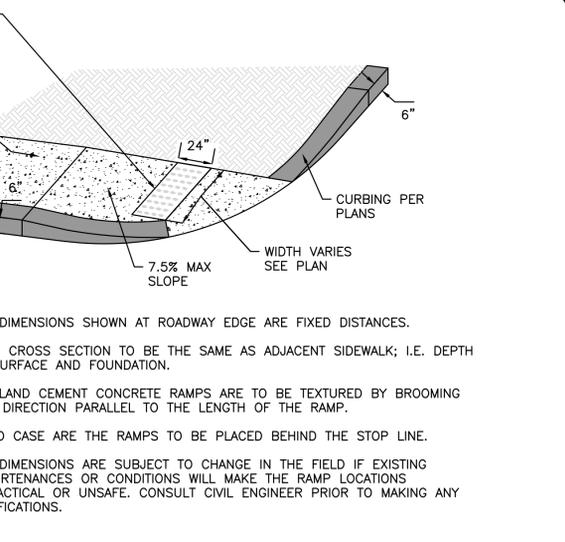
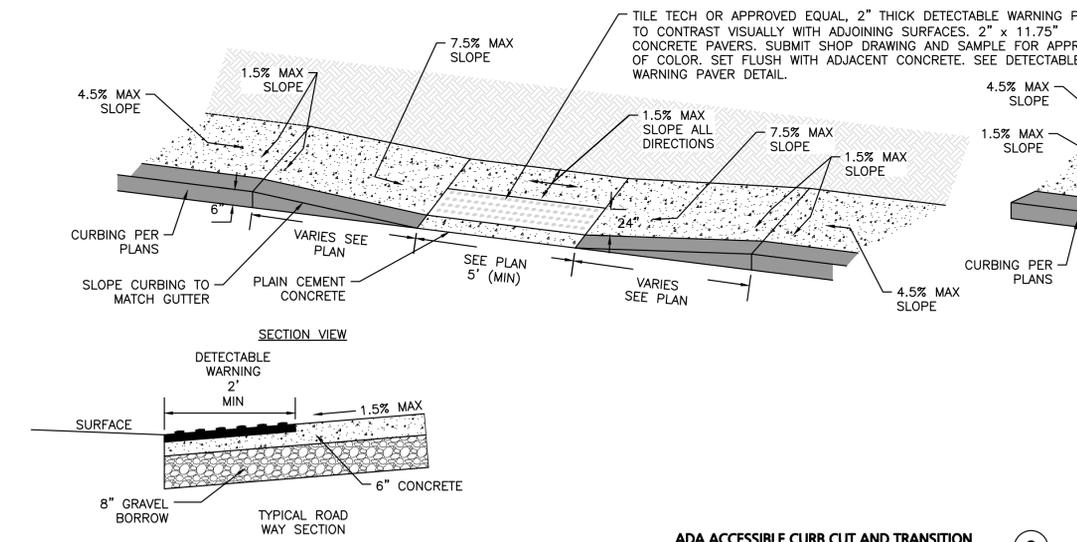
NOTES:

- CONCRETE SLAB SHALL BE SLOPED 1.5% CROSS PITCH MAX TO PROVIDE COMPLETE SURFACE DRAINAGE. SEE GRADING PLAN & HANDICAP CURB CUT / CURB TRANSITION DETAIL.
- SLAB TO HAVE STEEL TROWEL AND FINE BROOM FINISH. DO NOT USE CURING COMPOUNDS. CONTRACTOR TO ADD EXPANSION JOINTS AND PREMOLDED FILLER AT EDGE OF TILES AND ADJACENT MATERIAL.
- SET TILES FLUSH WITH ADJACENT MATERIALS.
- SUBMIT SHOP DRAWINGS OF TILES AND SAMPLE FOR APPROVAL OF COLOR TO OWNER / ARCH.
- INSTALL DETECTABLE WARNING PAVERS PER MANUFACTURER'S RECOMMENDATIONS OR DESIGN ENGINEER.
- ALL DET. WARN. PAVERS SHALL COMPLY WITH ADA REGULATIONS.

DETECTABLE WARNING PAVERS
NOT TO SCALE

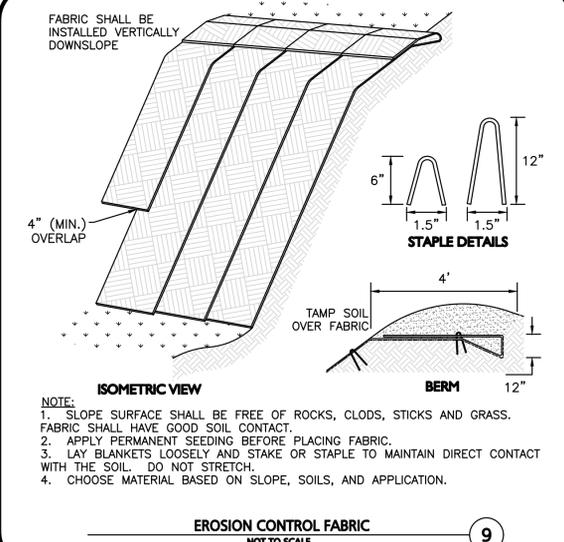
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MOUNTABLE CURB SETTING DETAIL
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ADA ACCESSIBLE CURB CUT AND TRANSITION
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444 EAST CENTRAL STREET
FRANKLIN, MA

PROJECT NO. 3317-01 DATE: 02-11-2025

SCALE: AS SHOWN DWG. NAME: C-3317-01

DESIGNED BY: MTB CHECKED BY: CMQ

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