SITE DEVELOPMENT PLANS 190 WASHINGTON STREET WESTWOOD, MA 01840

APPLICANT

SKYE REALTY MANAGEMENT, LLC 1208 VFW PARKWAY, SUITE 200 WEST ROXBURY, MA 02132

RECORD OWNER:

SKYE REALTY MANAGEMENT, LLC 1208 VFW PARKWAY, SUITE 200

WEST ROXBURY, MA 02132

ASSESSOR'S PARCEL REFERENCE

190 WASHINGTON STREET MAP 16 PARCEL 162



TABLE OF DIMENSIONAL REQUIREMENTS ZONE: LOCAL BUSINESS B

MIN. LOT AREA: MIN. LOT FRONTAGE: MIN. LOT WIDTH: MIN. SETBACKS:	REQUIRED 4,000 S.F. 40 FT 40 FT	EXISTING 14,086 S.F. 135 FT. 135 FT.	PROPOSED 14,086 S.F. 135 FT. 135 FT.
FRONT: SIDE YARD: REAR YARD: MAX. BUILDING COVERAGE: MAX IMPERVIOUS SURFACE:	0 FT	33.1 FT.	30.3 FT.
	15 FT	21.9 FT.	21.8 FT.
	15 FT	26.1 FT.	20.4 FT.
	25%	15.0%	16.2%
	80%	85.7%	75.2%

TABLE OF PARKING REQUIREMENTS ZONE: LOCAL BUSINESS B

EXISTING PARKING (UNSTRIPPED): 11 (9'X18') SPACES (0 ACCESSIBLE SPACES) 13 (9'X18') SPACES (1 ACCESSIBLE SPACE) PROPOSED PARKING:

REQUIRED PARKING:

PERSONAL SERVICSE = 1 SPACE/250 S.F., 1st FLOOR = 2,280 S.F./250 = 9.1 SPACES BUSINESS SERVICES = 1 SPACE/333 S.F., 2nd FLOOR = 2,155 S.F. $\sqrt{333} = 6.5$ SPACES

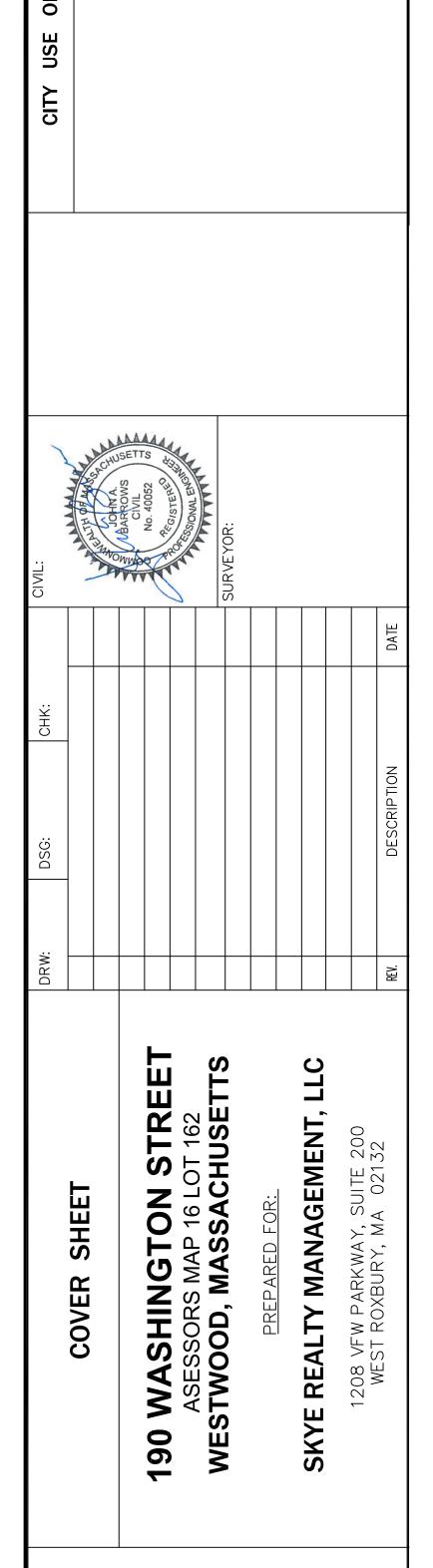
TOTAL REQUIRED = 16 SPACES

LOCUS MAP SCALE: $1" = 1000' \pm$

SHEET INDEX

SHEET NO. D	ESCRIPTION
1	COVER SHEET
2	LEGEND AND NOTES
3	EXISTING CONDITIONS PLAN
4	LAYOUT & MATERIALS PLAN
5	GRADING & UTILITY PLAN
6	SEDIMENT CONTROL PLAN

CONSTRUCTION DETAILS



& Associates, L.P.

Engineering and Planning Consultants

62 Montvale Avenue Stoneham, MA 02180 TEL: (781) 438-6121 FAX: (781) 438-9654 Email: engineering@marchionda.com Website: www.marchionda.com

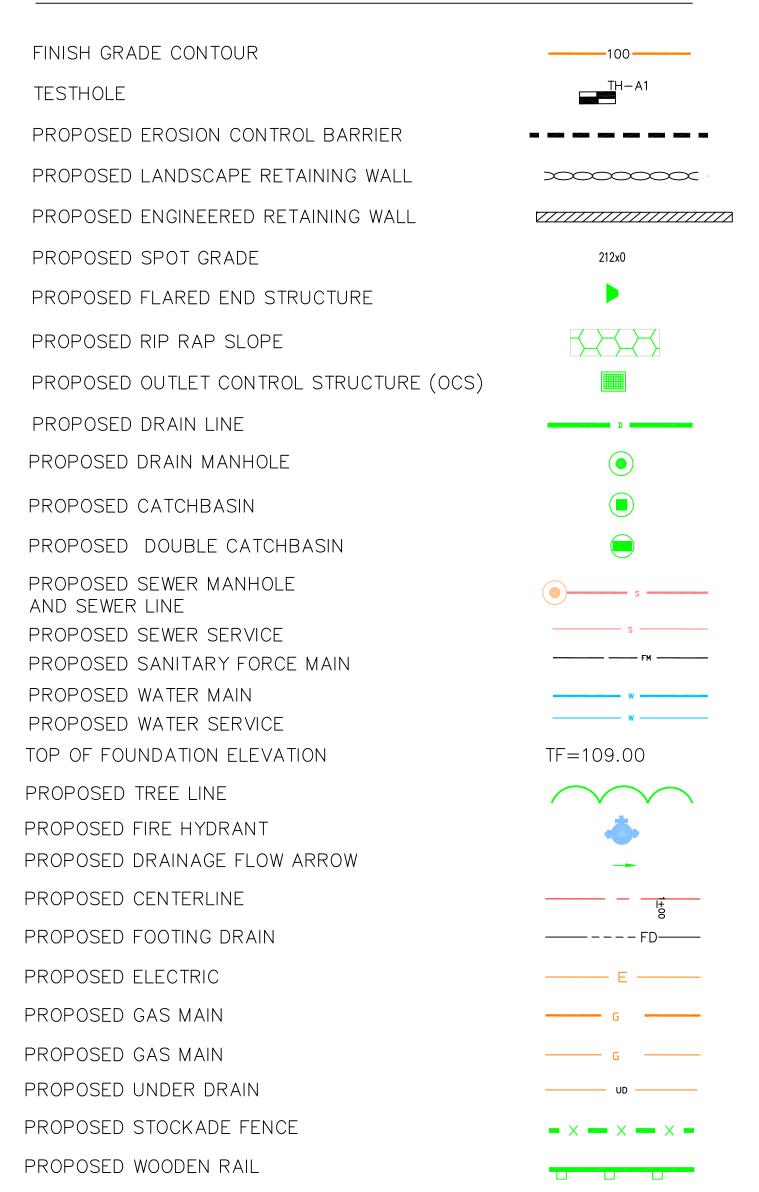
DATE: 4/12/23

..\1014-01..\PLANS\ EXISTING CONDITIONS.DWG M. & A. NO.: 1014-01 SCALE: AS SHOWN SHEET C-1

PERMIT PLANS

NOT FOR CONSTRUCTION

LEGEND OF PROPOSED SYMBOLS & ABBREVIATIONS

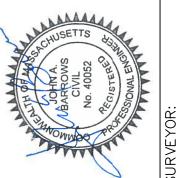


LEGEND OF EXISTING SYMBOLS & ABBREVIATIONS

EXISTING MAJOR CONTOUR	100
EXISTING MINOR CONTOUR	
EXISTING DRAIN LINE	
EXISTING SEWER LINE	
EXISTING WATER MAIN	
EXISTING GAS MAIN	G G
EXISTING DRAIN MANHOLE	D
EXISTING CATCH BASIN	СВ
EXISTING YARD DRAIN	
EXISTING SEWER MANHOLE	
EXISTING ELECTRIC MANHOLE	E
EXISTING TELEPHONE/CABLE MANHOLE	T
EXISTING WATER GATE	₩ G
EXISTING HYDRANT	\bigvee
EXISTING UTILITY POLE	
EXISTING OVERHEAD WIRE	
EXISTING STONE WALL	~~~~~~~~~~
EXISTING TREE LINE	
EXISTING SPOT GRADE	× 212.0
EXISTING DWELLING	
EXTENT OF 100' BUFFER ZONE	
EXTENT OF NO DISTURB/NO BUILD ZONES	
EXTENT OF WETLAND RESOURCE AREA	

GENERAL NOTES:

- 1. SEE ARCHITECTURAL ELEVATIONS FOR FURTHER BUILDING DIMENSIONS AND DETAILS. 2. CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SECURITY AND JOB SAFETY. CONSTRUCTION ACTIVITIES SHALL BE IN ACCORDANCE WITH OSHA STANDARDS AND ANY OTHER APPLICABLE FEDERAL, STATE, AND/OR LOCAL REQUIREMENTS. 3. ALL WALLS GREATER THAN 4' IN HEIGHT SHALL BE DESIGNED BY A REGISTERED
- STRUCTURAL ENGINEER PRIOR TO CONSTRUCTION. FALL PROTECTION SHALL BE PROVIDED AS REQUIRED BY BUILDING CODE
- 4. ACCESSIBLE ROUTES, ACCESSIBLE PARKING SPACES, ACCESSIBLE RAMPS, ACCESSIBLE SIDEWALKS, AND ACCESSIBLE WALKWAYS SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE FEDERAL AMERICANS WITH DISABILITIES ACT AND WITH STATE AND LOCAL LAWS AND REGULATIONS (WHICHEVER ARE MORE STRINGENT).
- 5. LOCATION OF ALL EXISTING UTILITIES ARE APPROXIMATE AND ARE SHOWN FOR REPRESENTATIONAL PURPOSES ONLY. EXACT LOCATIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL REQUIRED UTILITY PERMIT(S) ARE OBTAINED AND SHALL BE RESPONSIBLE FOR NOTIFYING DIGSAFE PRIOR TO ANY EXCAVATIONS.
- 6. WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, OR EXISTING CONDITIONS DIFFER FROM THOSE SHOWN SUCH THAT THE WORK CANNOT BE COMPLETED AS INTENDED, THE LOCATION, ELEVATION, AND SIZE OF THE UTILITY OR OTHER CONFLICT SHALL BE ACCURATELY DETERMINED BY THE CONTRACTOR WITHOUT DELAY, AND THE INFORMATION FURNISHED IN WRITING TO THE OWNER'S REPRESENTATIVE FOR THE RESOLUTION OF THE CONFLICT.
- 7. PRIOR TO START OF CONSTRUCTION, CONTRACTOR SHALL 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.
- 8. CONTRACTOR SHALL DISPOSE OF DEMOLITION DEBRIS IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS, ORDINANCES AND STATUTES.
- 9. AREAS DISTURBED DURING CONSTRUCTION AND NOT RESTORED WITH IMPERVIOUS SURFACES (BUILDINGS, PAVEMENTS, WALKS, ETC) SHALL RECEIVE A MINIMUM OF FOUR INCHES LOAM AND SEED UNLESS OTHERWISE SPECIFIED.
- 10. AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
- 11. CONTRACTOR SHALL PREVENT DUST, SEDIMENT, AND DEBRIS FROM EXITING THE SITE AND SHALL BE RESPONSIBLE FOR CLEANUP, REPAIRS, AND/OR CORRECTIVE ACTION IF SUCH
- 12. DAMAGE RESULTING FROM CONSTRUCTION LOADS SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO OWNER.
- 13. CONTRACTOR SHALL CONTROL STORMWATER RUNOFF DURING CONSTRUCTION TO PREVENT ADVERSE IMPACTS TO OFF SITE AREAS, AND SHALL BE RESPONSIBLE TO REPAIR RESULTING DAMAGES, IF ANY, AT NO COST TO OWNER.
- 14. CONTRACTOR SHALL BE RESPONSIBLE TO CONTROL CONSTRUCTION ACTIVITIES IN SUCH A MANNER THAT SEDIMENTATION FROM WATER, WIND, OR DIRECT DEPOSIT WILL NOT AFFECT REGULATORY PROTECTED AREAS.
- 15. ALL EROSION AND SEDIMENT CONTROL METHODS AND TECHNIQUES SHALL COMPLY WITH ALL APPLICABLE CITY OF WESTWOOD REGULATIONS.



REALTY MANAGEMENT,

Y, SUITE MA 0213

WA 190

& Associates, L.P. Planning Consultants

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DATE: ??/??/22

..\1014-01..\PLANS\ LEDGEND AND NOTES.DWG SCALE: AS SHOWN M. & A. NO.: 1014-01

SHEET C-2

LEGEND OF SURVEY SYMBOLS & ABBREVIATIONS

DRILLHOLE FOUND	DH O
DRILLHOLE SET	DH
IRON ROD FOUND	IR O
IRON ROD SET	IR ● IP
IRON PIPE FOUND	© IP
IRON PIPE SET	•
MASS HIGHWAY BOUND/DRILLHOLE COUNTY BOUND/BACK CENTER COUNTY BOUND/BRASS PIN LEAD PLUG STONE BOUND/DRILLHOLE STONE BOUND CENTER CONCRETE BOUND/DRILLHOLE CROSS CUT FND CROSS CUT SET	MHB CBBC CBBPLP SBDH SB CBDH x FND x SET
EXISTING DITCH	

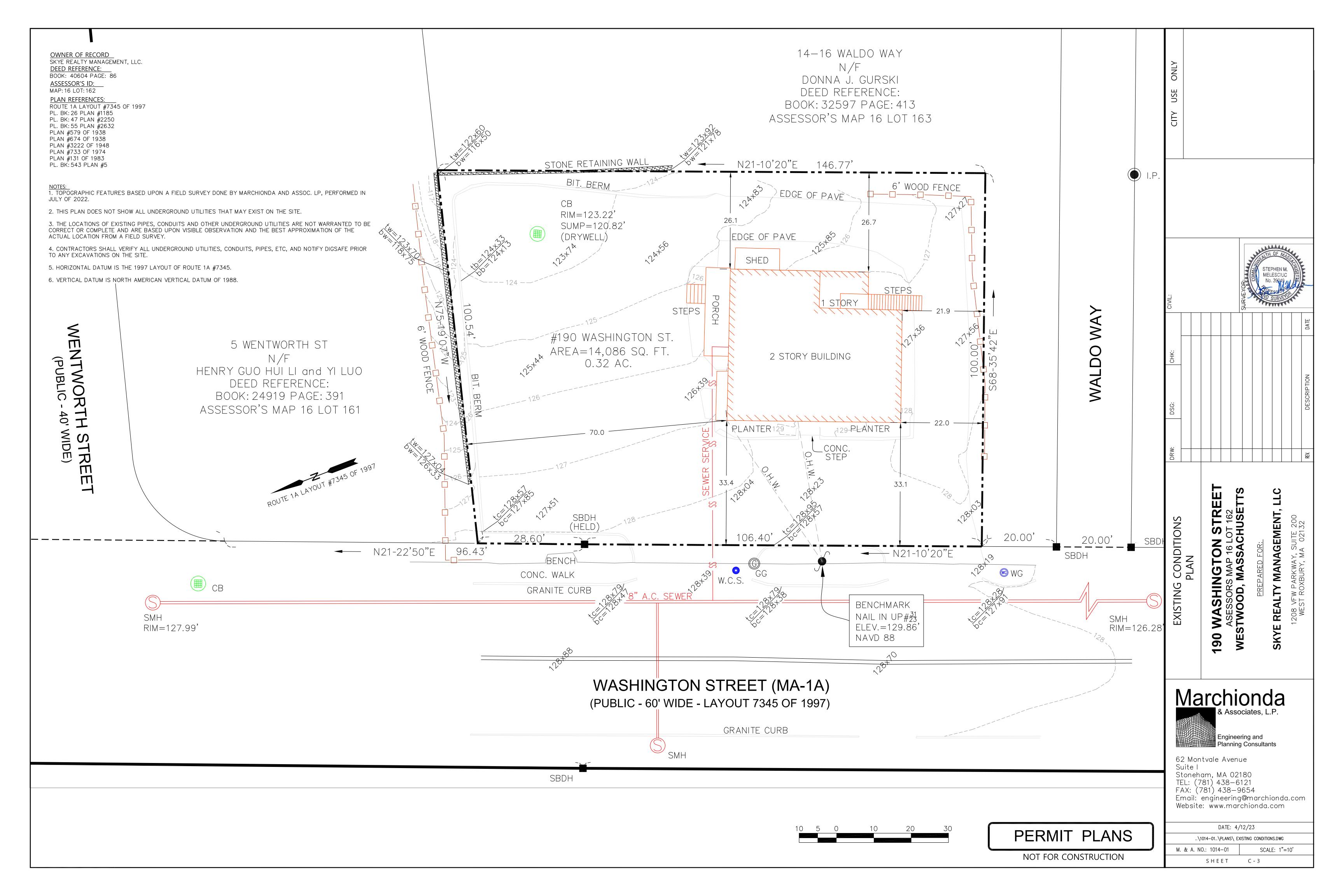
<u>NOTE:</u>

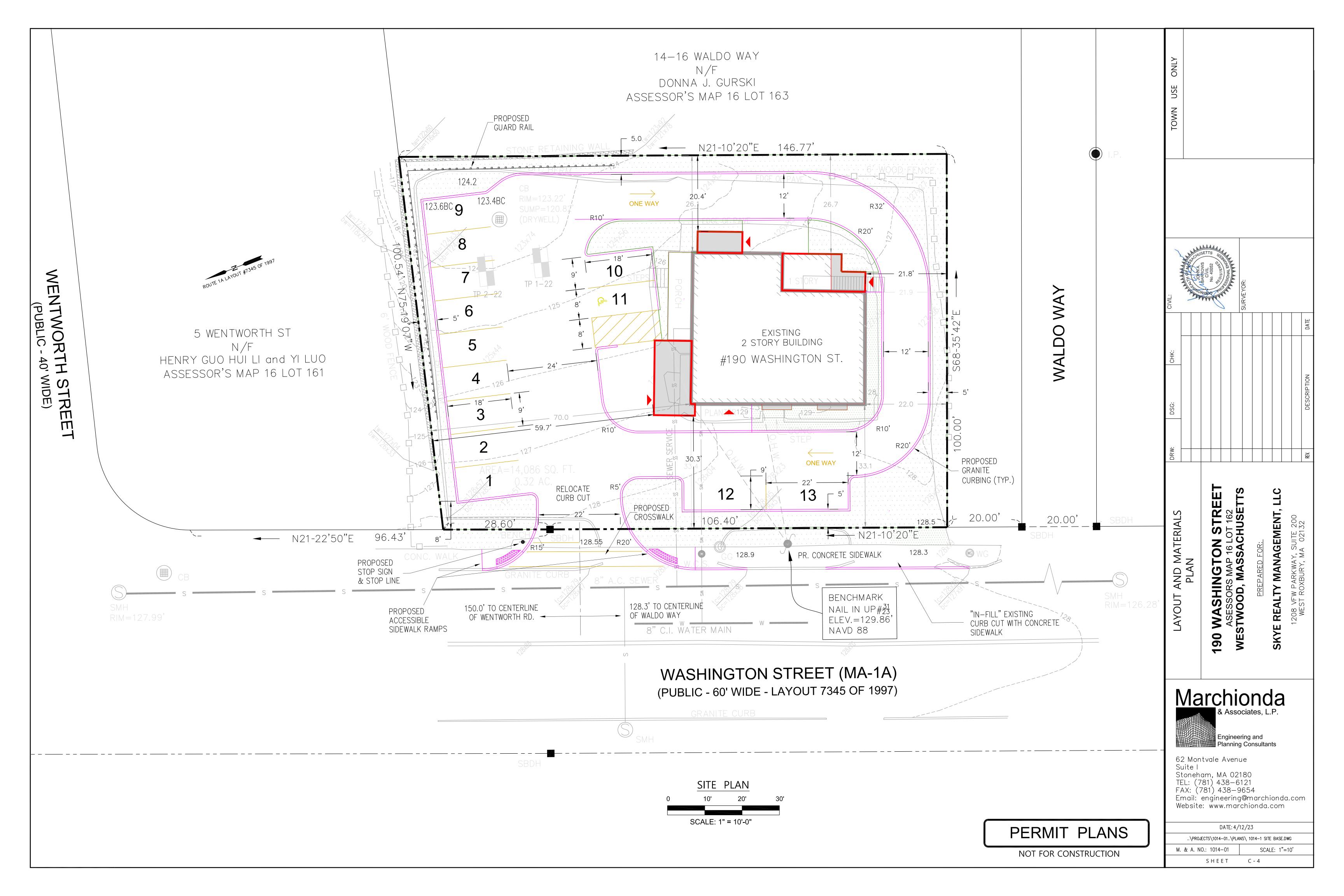
LEGEND MAY INCLUDE SYMBOLS THAT DO NOT APPEAR IN THIS PLAN SET.

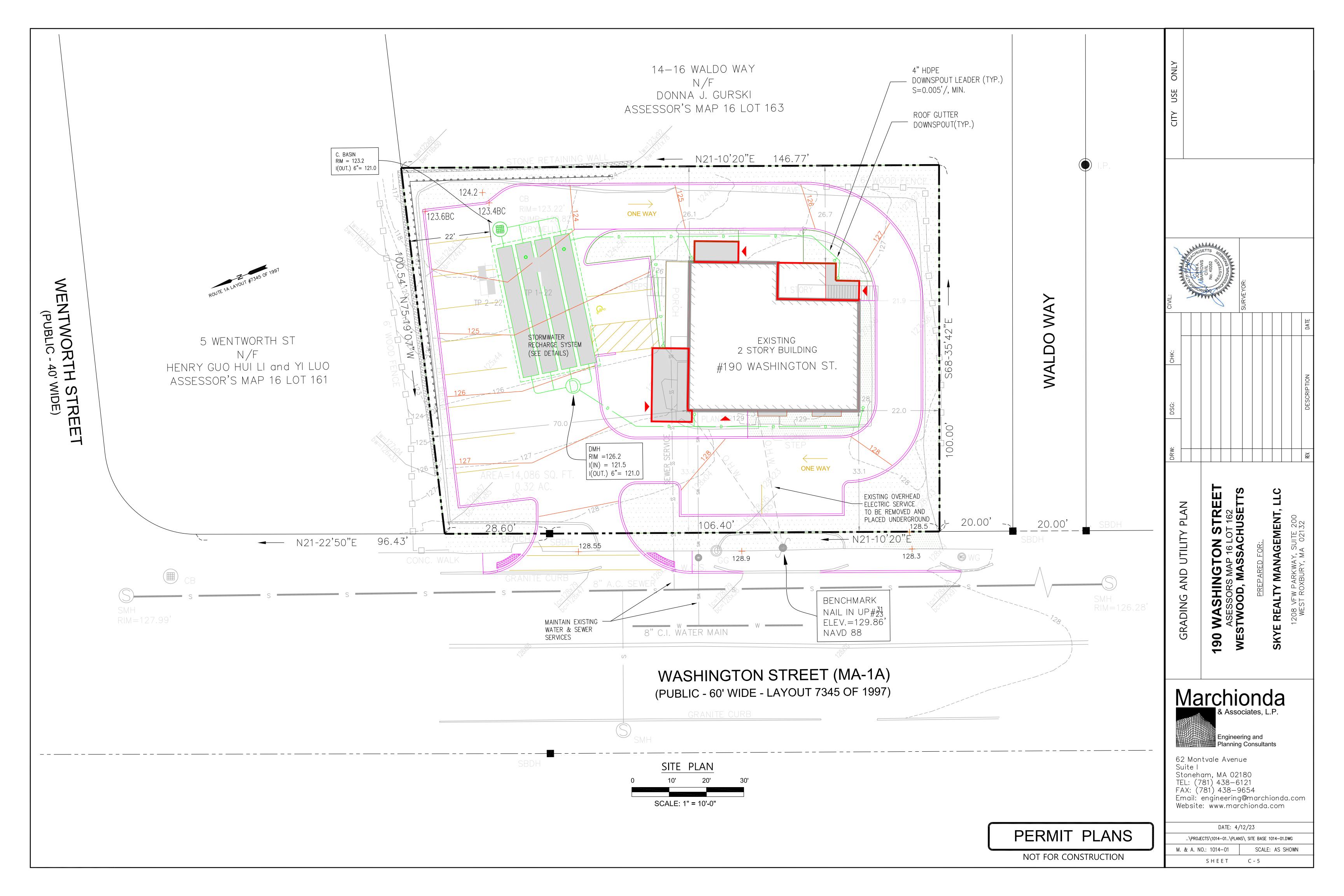
PERMIT PLANS

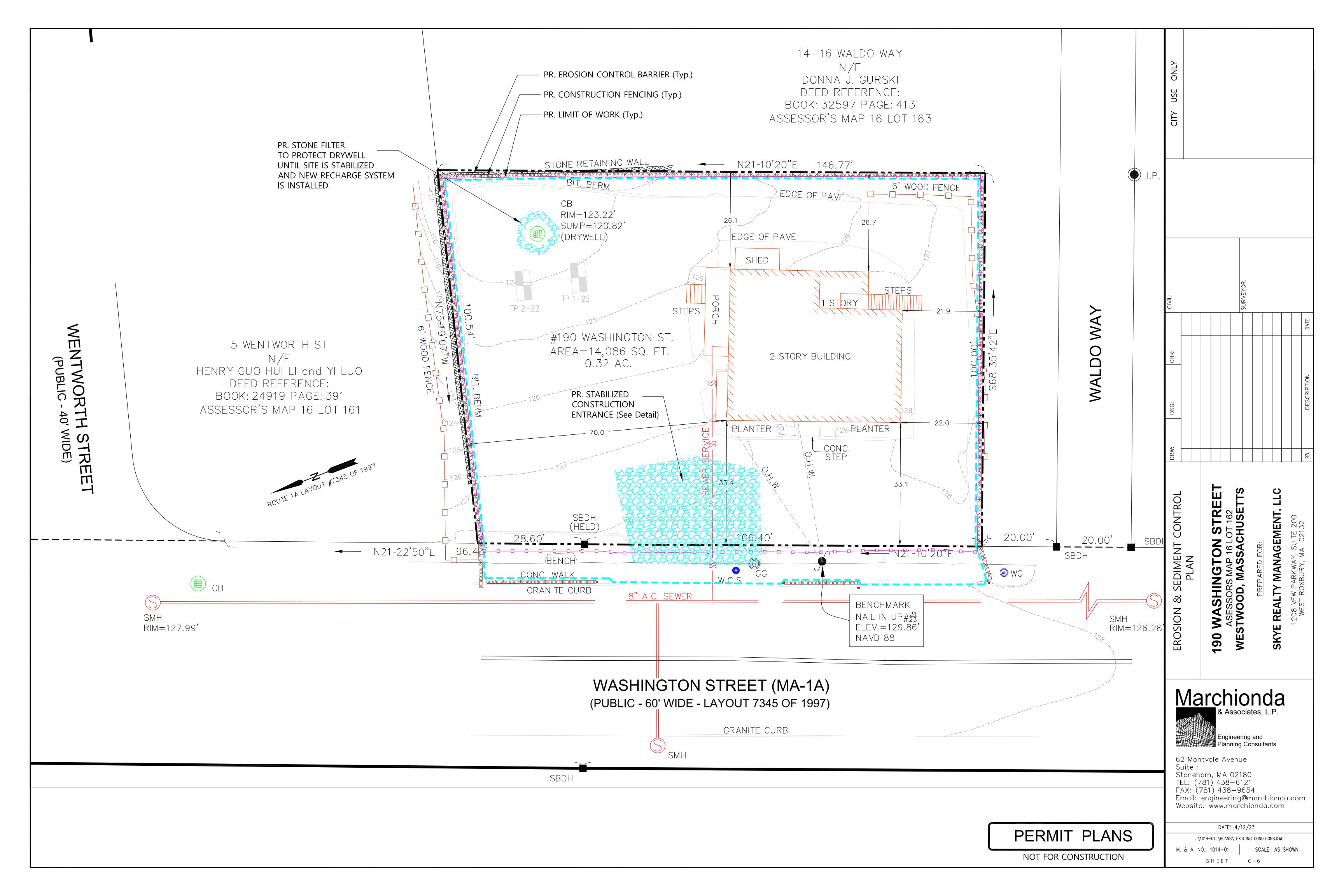
NOT FOR CONSTRUCTION

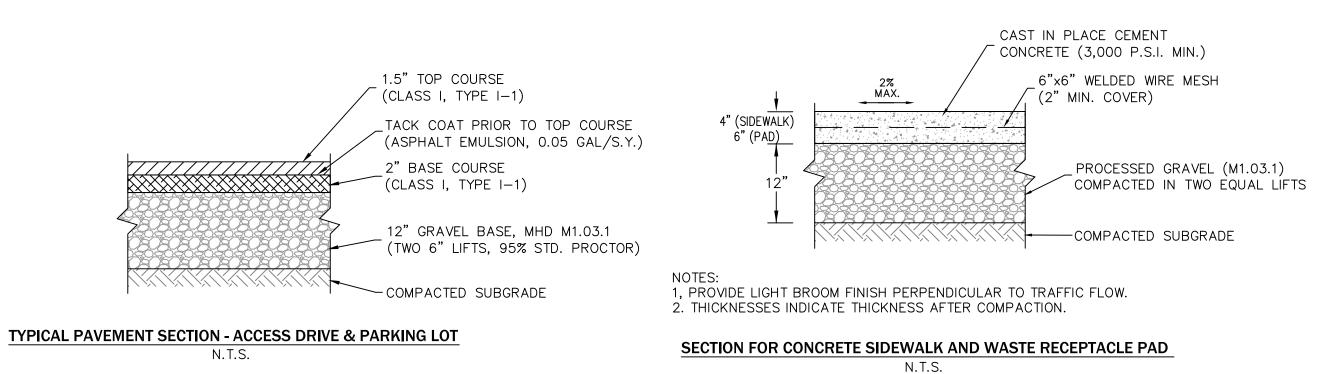
C 2020 MARCHIONDA & ASSOCIATES, L.









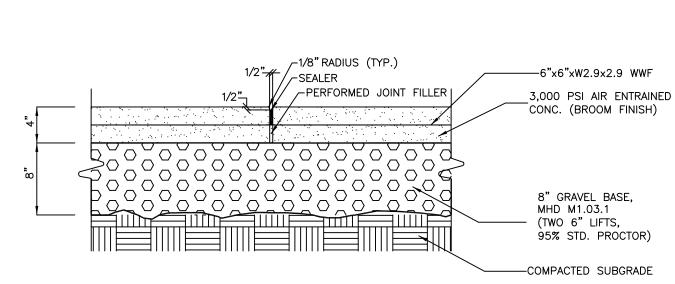


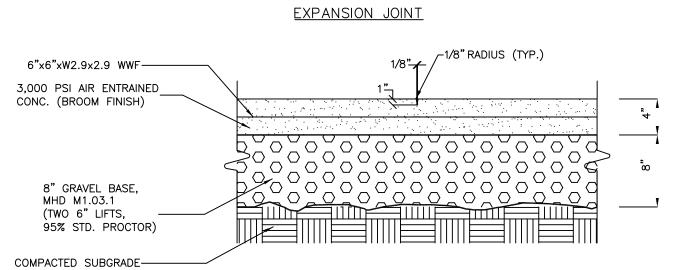
WHEEL STOP-SIDEWALK-ISOMETRIC PLAN TYPICAL ACCESSIBLE CURB CUT N.T.S. CURB/BERM— EDGE OF PAVEMENT

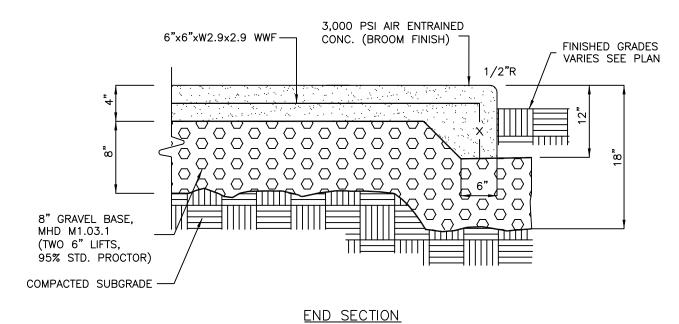
1. REPRESENTATION OF CURB CUT TRANSITIONS ON THE PLANS INCLUDING DIMENSIONS AND SPOT GRADING IS APPROXIMATE. ACTUAL DIMENSIONS AND GRADING OF CURB CUT TRANSITIONS SHALL BE DETERMINED BY THE CONTRACTOR IN THE FIELD ON A CASE BY CASE BASIS IN ORDER TO COMPLY WITH THIS DETAIL.

2. WHEEL STOPS SHALL BE "BUMPER CURBING SINGLE FACE" AS MANUFACTURED BY SHEA CONCRETE PRODUCTS, INC. OF NORTH WILMINGTON, MA, OR APPROVED EQUAL. FACE OF WHEEL STOPS SHALL BE SET BACK 24" FROM FACE OF CURB (ALSO REFER TO LAYOUT PLAN). WHEEL STOPS SHALL BE PINNED TO THE PAVEMENT AS RECOMMENDED BY THE MANUFACTURER.

3. ACCESSIBLE PARKING SPACES ARE TO BE 8' BY 18' AS SHOWN ON THE LAYOUT PLAN.







CONTROL JOINT

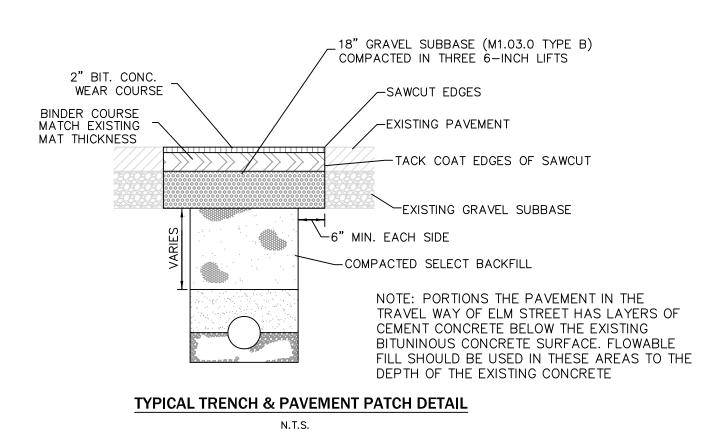
ALTERNATIVE

1. SEE SITE PLAN FOR WIDTH AND GRADES PROVIDE MINIMUM %"/FT CROSS-SLOPE
PROVIDE CONTROL JOINTS 5'-0" O.C. MIN. 4. PROVIDE EXPANSION JOINTS 20'-0" O.C. MIN.

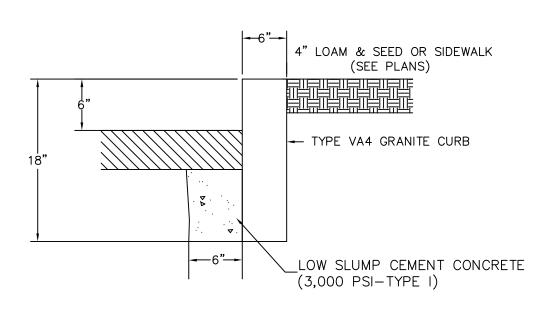
MONOLITHIC CONC. SIDEWALK/CURB DETAILS

5. USE CHAIRS TO SUPPORT REINFORCING STEEL DURING POUR.

N.T.S.

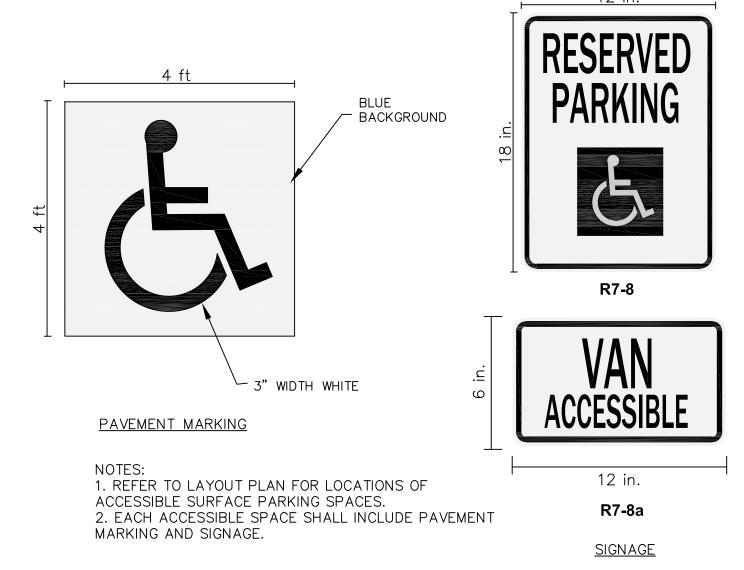


TRANSITION CURB/BERM —

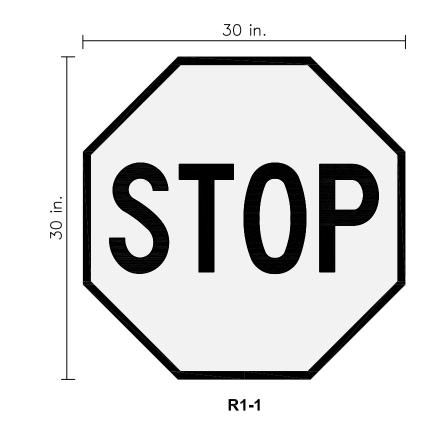


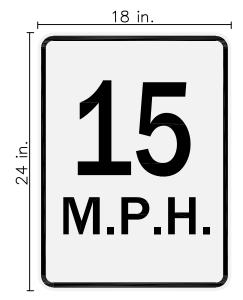
GRANITE CURB DETAIL

NOTE: VERTICAL GRANITE CURB TO BE INSTALLED AT DRIVEWAY ENTRANCE FILLETS



ACCESSIBLE PARKING SPACE DESIGNTATION



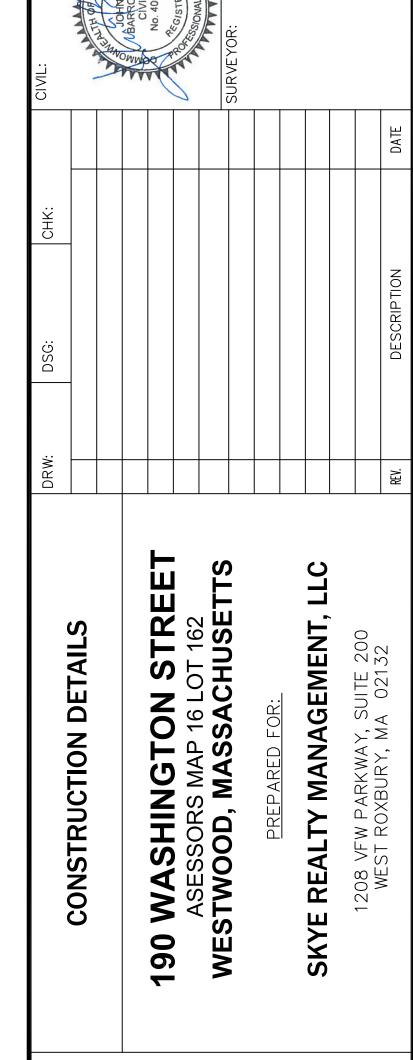


SL-15

TRAFFIC SIGNS

PERMIT PLANS

NOT FOR CONSTRUCTION



& Associates, L.P.

Engineering and

Email: engineering@marchionda.com

DATE: 4/12/23

SHEET C-7

..\PROJECTS\1014-01..\PLANS\ DETAILS.DWG

SCALE: AS SHOWN

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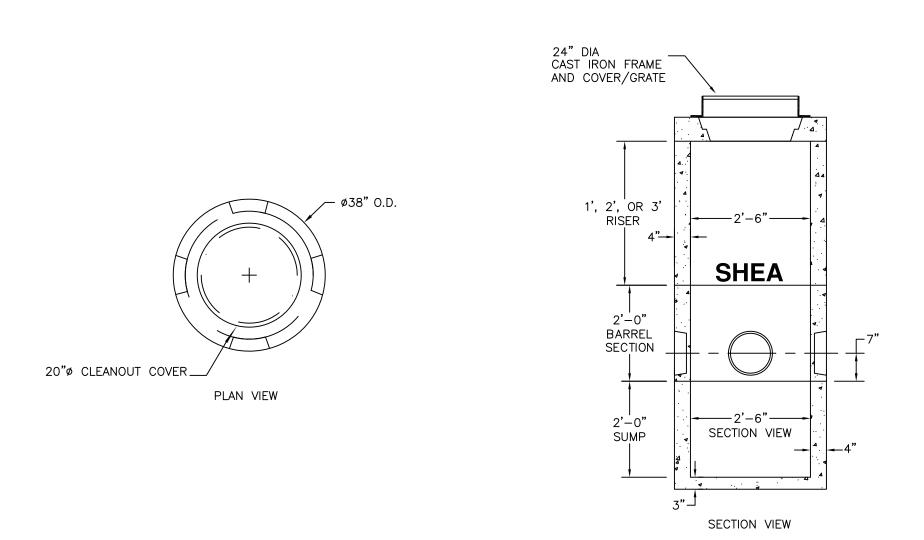
FAX: (781) 438-9654

M. & A. NO.: 1014-01

GENERAL DRAINAGE NOTES: 1. UNLESS OTHERWISE NOTED, ALL DRAIN LINES SHALL BE CORRUGATED HIGH DENSITY POLYETHYLENE (HDPE) WITH SMOOTH INTERIOR - A.D.S. N-12 OR APPROVED

2. PIPE DIAMETER FOR DRAINAGE PIPE SHALL BE AS SPECIFIED ON PLAN, PROFILE, OR DETAIL.

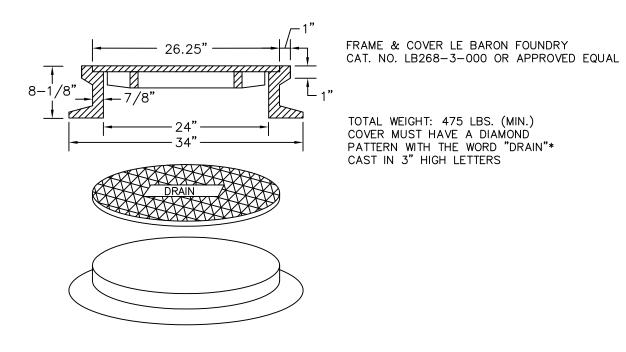
3. ALL FIELD CUTTING OF PIPE SHALL BE DONE IN ACCORDANCE TO MANUFACTURER'S SPECIFICATIONS. 4. INFILTRATION SYSTEM SHALL BE KEPT OFF-LINE UNTIL ALL CONTRIBUTING DRAINAGE AREAS HAVE BEEN 100% STABILIZED TO ENSURE THE INTEGRITY OF THE

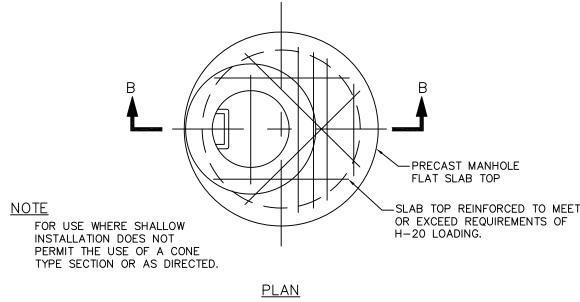


PRECAST CONCRETE DRAIN MANHOLE

NOTES:
1. CONCRETE: 5,000 PSI MINIMUM AFTER 28 DAYS.
2. DESIGNED FOR AASHTO HS-20 LOADING, 1-5 FEET COVER.

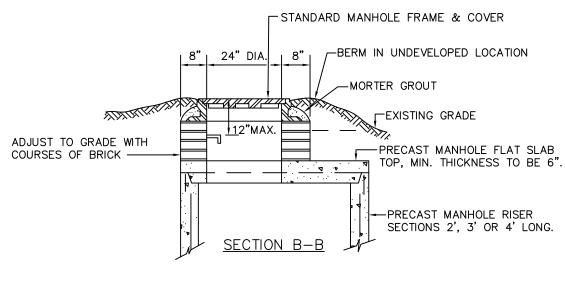
SECTIONS	ITEM NO	WEIGHT
1'-0" RISER	MC-MCB12RH	440#
2'-0" RISER	MC-MCB24RH	880#
3'-0" RISER	MC-MCB36RH	1320#
2'-0" BASE	MC-MCB24SH	1175#
2'-0" BARREL	MC-MCB24BSH	880#
38" COVER	MC-MCB38CH	585#



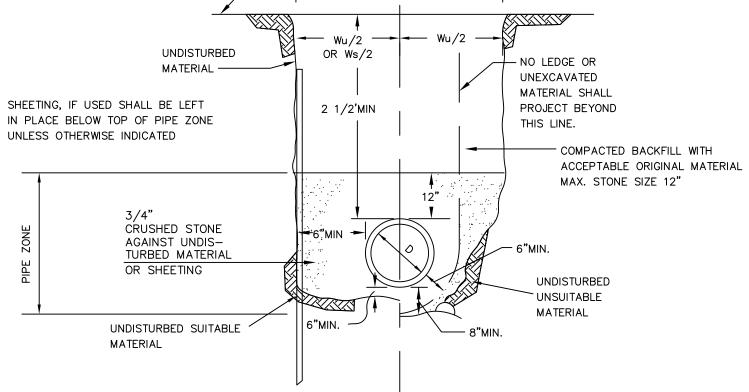




PROPOSED FINISH



N.T.S.



TRENCH WIDTH Ws OR Wu

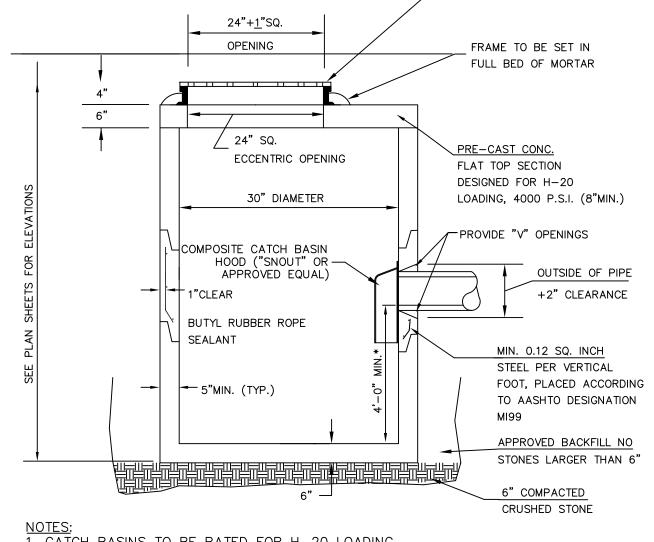
FOR SHEETED TRENCH Ws = 4/D + 32" OR 50", WHICHEVER IS GREATER FOR UNSHEETED TRENCH Wu = 4/3 D + 18" OR 36", WHICHEVER IS GREATER

IN EARTH IN ROCK

HALF SECTION

HALF SECTION _

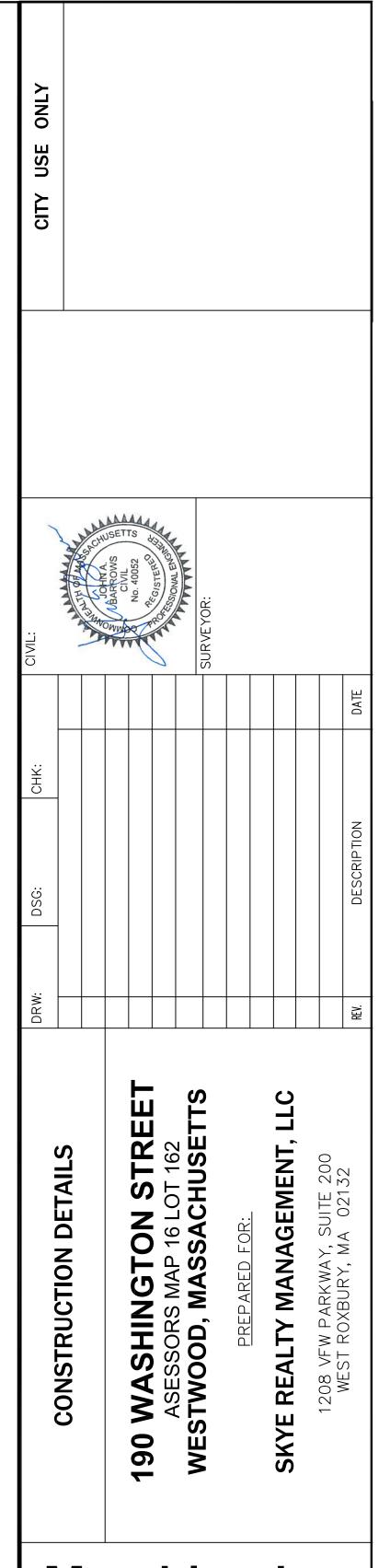
TYPICAL DRAIN TRENCH SECTION



-FRAME & GRATE (SEE NOTES)

NOTES:
1. CATCH BASINS TO BE RATED FOR H-20 LOADING. 2. STANDARD SINGLE FRAME & GRATE SHALL BE EAST JORDAN IRON WORKS ITEM NUMBER V5622 OR APPROVED EQUAL. 3. DURING CONSTRUCTION, HAY BALES SHALL BE MAINTAINED AROUND ON-SITE CATCH BASINS WHICH SERVICE UNSTABILIZED AREAS OF THE SITE (REFER TO EROSION/SEDIMENTATION CONTROL DETAILS).

PRECAST CONCRETE CATCH BASIN DETAIL





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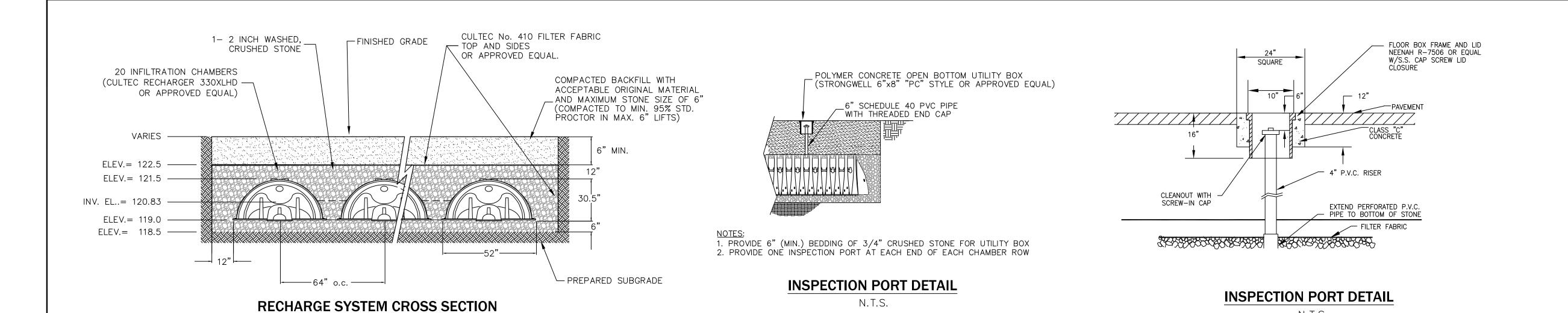
..\PROJECTS\1014-01..\PLANS\ DETAILS.DWG M. & A. NO.: 1014-01 SCALE: AS SHOWN

SHEET C-8

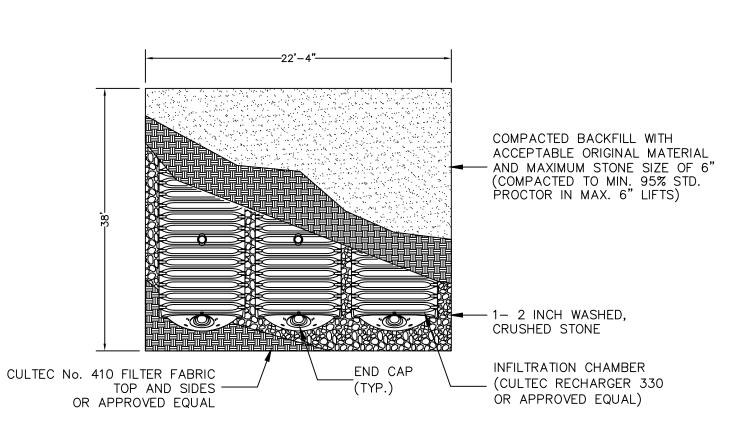
-SLAB TOP REINFORCED TO MEET TOP, MIN. THICKNESS TO BE 6". FLAT TOP SECTION

PERMIT PLANS

NOT FOR CONSTRUCTION



FROM ROOF DRAINAGE 5 CHAMBERS (RECHARGER 330) RIM = 126.2I(IN) = 121.55 CHAMBERS (RECHARGER 330) I(OUT.) 6"= 121.0 — 4" HDPE (Typ.) 5 CHAMBERS (RECHARGER 330) 5 CHAMBERS (RECHARGER 330) RIM = 123.2I(OUT.) 6"= 121.0 *20 CHAMBERS TOTAL LAID LEVEL



N.T.S.

INFILTRATION SYSTEM TYPICAL PLAN VIEW

N.T.S.

PLAN VIEW SYSTEM SCHEMATIC

C. BASIN

NOTES:

1. INFILTRATION SYSTEM SHALL BE CONSTRUCTED FROM RECHARGER 330 CHAMBERS, WITH HVLV 180 MAIN HEADER AND FEED SYSTEM AS MANUFACTURED BY CULTEC, INC., OR APPROVED EQUAL.

2. ENTIRE INFILTRATION SYSTEM INCLUDING HEADERS AND FEED CONNECTORS SHALL BE INSTALLED LEVEL TO ACHIEVE THE ELEVATIONS SHOWN IN THIS DETAIL.

3. THE SITE CONTRACTOR SHOULD MAKE PROVISIONS TO PREVENT CONTAMINATION OF THE EXPOSED SUBGRADE BY CONSTRUCTION SEDIMENT.

4. THE SITE CONTRACTOR SHOULD NOT ALLOW EXCESSIVE COMPACTION OF THE RECHARGE AREAS BY CONSTRUCTION VEHICLES.

5. DISCHARGE OF WATER FROM CONSTRUCTION DEWATERING ACTIVITIES INTO THIS FACILITY IS PROHIBITED.

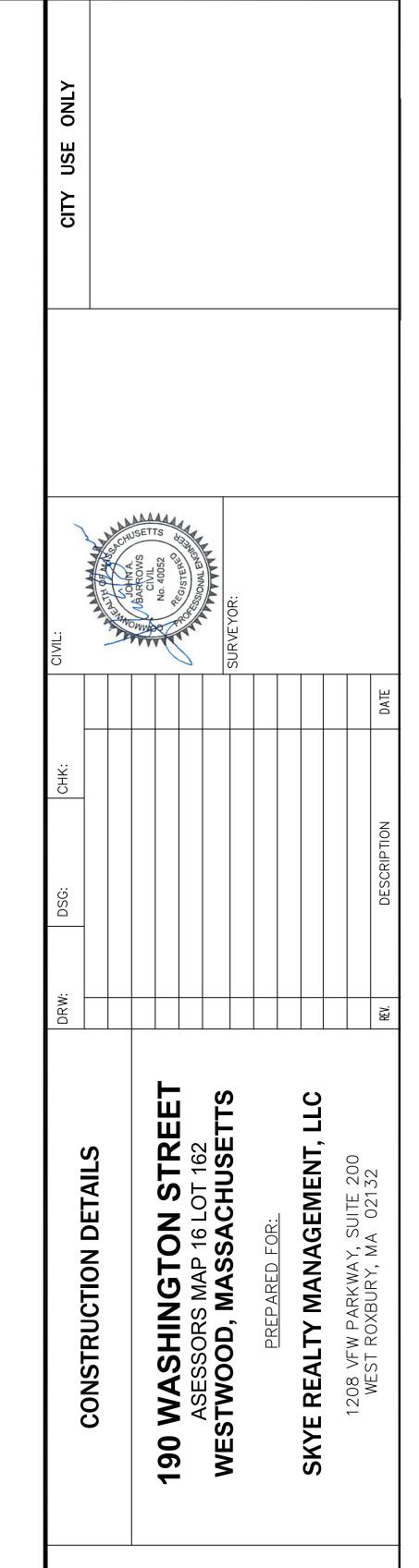
6. DISCHARGE OF STORMALAR INTO THIS FACILITY IS PROHIBITED. THE CONTRIBUTING AREAS ARE STABILIZED, UNLESS SPECIFIC MEASURES ARE PROVIDED FOR PROTECTING AND RESTORING THE INFILTRATION SURFACE. 7. THE CONTRACTOR SHOULD REFERENCE SHOP DRAWINGS DETAILING THE CONNECTIONS AND FITTINGS OF THE COMPONENTS OF THE SYSTEM.

8. ANY UNSUITABLE MATERIAL ENCOUNTERED UNDER THE SYSTEM SHALL BE REMOVED AND REPLACED WITH SEPTIC SAND. 9. BOTTOM OF EXCAVATION AND SYSTEM COMPONENT INSPECTION BY DESIGN ENGINEER IS REQUIRED.

GROUNDWATER RECHARGE SYSTEM

PERMIT PLANS

NOT FOR CONSTRUCTION



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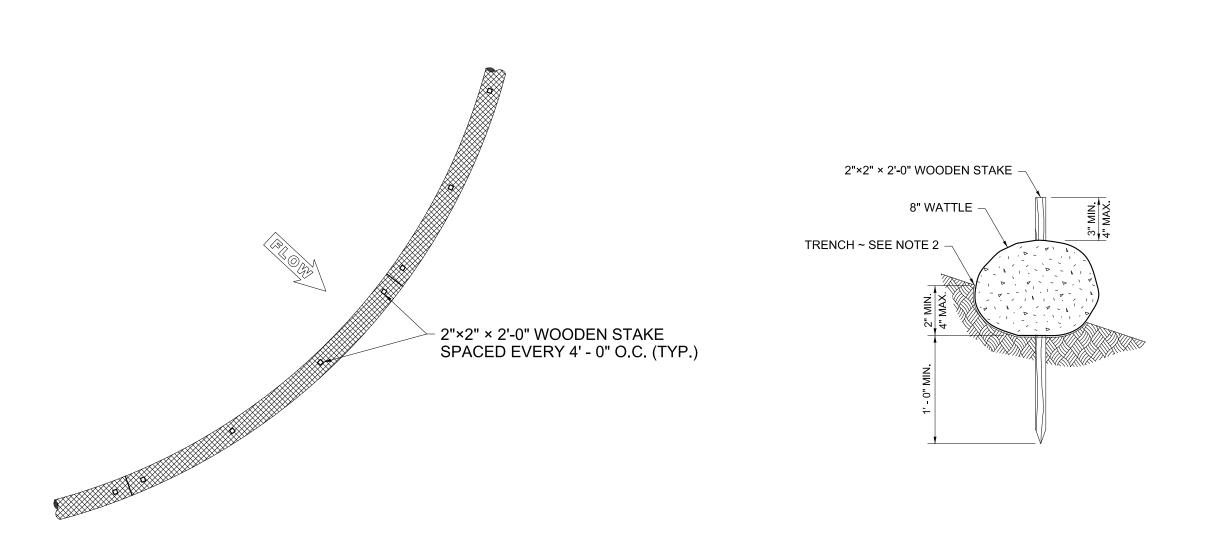
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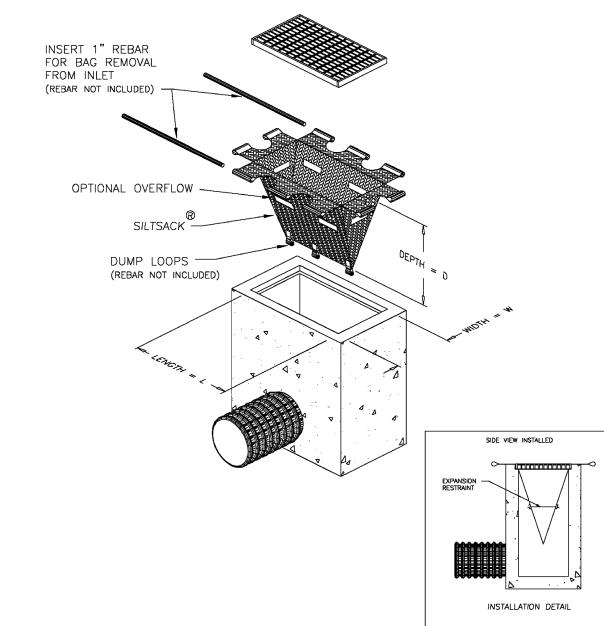
..\PROJECTS\1014-01..\PLANS\ DETAILS.DWG M. & A. NO.: 1014-01 SCALE: AS SHOWN

SHEET C-9



STRAW WATTLE EROSION CONTROL DETAILS

N.T.S.



INLET CONTROL DEVICE N.T.S.

FILTER FABRIC ON GROUND SURFACE—
TO EXTEND 3 FEET ALL AROUND

- STAKES EMBEDDED

─WOOD STAKE (TYP.)

SILT FENCE POST TYP.

WOOD STAKE -

HOSE FROM DEWATERING STATION

<u>PLAN</u>

SECTION A-A

DIMENSIONS OF SEDIMENTATION BASINS MAY VARY DEPENDING

SEDIMENTATION BASIN

N.T.S.

ON QUANTITY OF WATER TO BE PUMPED IN EACH AREA.

50' MINIMUM EXISTING PAVEMENT FILTER FABRIC -MINIMUM 6" OF 2"-3" AGGREGATE OVER LENGTH AND WIDTH OF LEXISTING GROUND ENTRANCE **PROFILE** DEWATERING STATION 50' MINIMUM -FILTER FABRIC LENGTH WITH WIRE FENCING 10' MIN. PAVEMENT **PLAN VIEW** NOTE: 1. RADII AND WIDTH AT METHUEN ST. SHALL BE SUFFICIENTLY SIZED TO ACCOMMODATE ALL CONSTRUCTION VEHICLES/EQUIPMENT WHICH USE THE ENTRANCE.

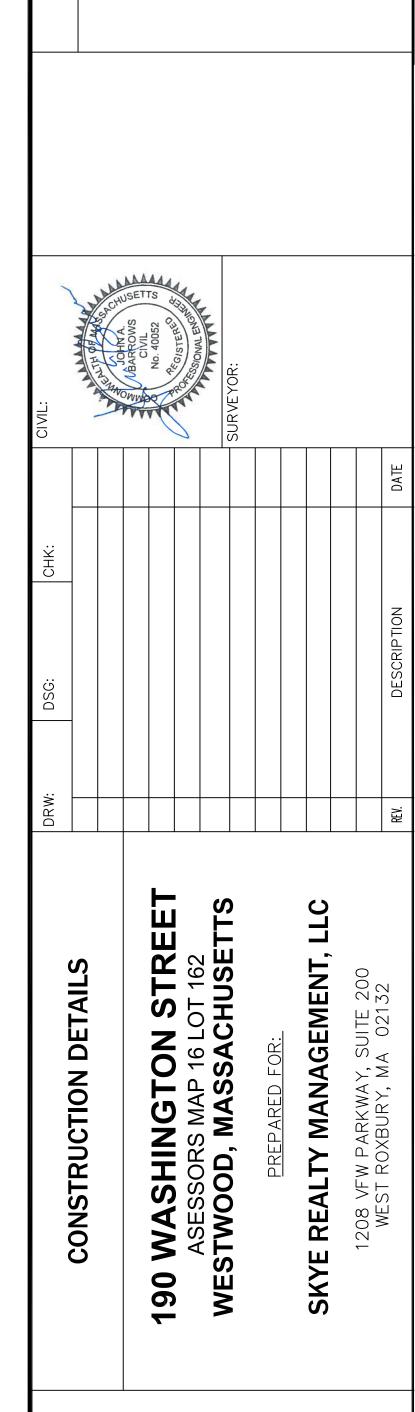
STABILIZED CONSTRUCTION ENTRANCE

GENERAL EROSION & SEDIMENT CONTROL NOTES

ALL EROSION AND SEDIMENT CONTROL METHODS AND TECHNIQUES SHALL COMPLY WITH CITY OF LAWRENCE REGULATIONS

PERMIT PLANS

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& Associates, L.P.

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SHEET C-10

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CATCH BASIN GRATE -

CONTINUOUS ROW OF _ HAY BALES (SEE NOTE)

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NOTE:
1. HAY BALES TO BE UTILIZED AROUND CATCH BASINS UNTIL SUCH TIME THAT THE BINDER IS PLACED. IN LIEU OF THIS METHOD, CATCH BASIN GRATES MAY BE BLOCKED TO PREVENT SEDIMENT FROM ENTERING THE CATCH BASIN UNTIL SUCH TIME THAT THE BINDER IS PLACED.

CATCH BASIN PROTECTION DETAIL