NO	DATE	REVISIONS
1	7-11-22	COMMENT RESPONSE
2	9-6-22	REVISED LAYOUT
3	10-4-22	REVISED LAYOUT
4	11-21-22	REVIEW COMMENTS

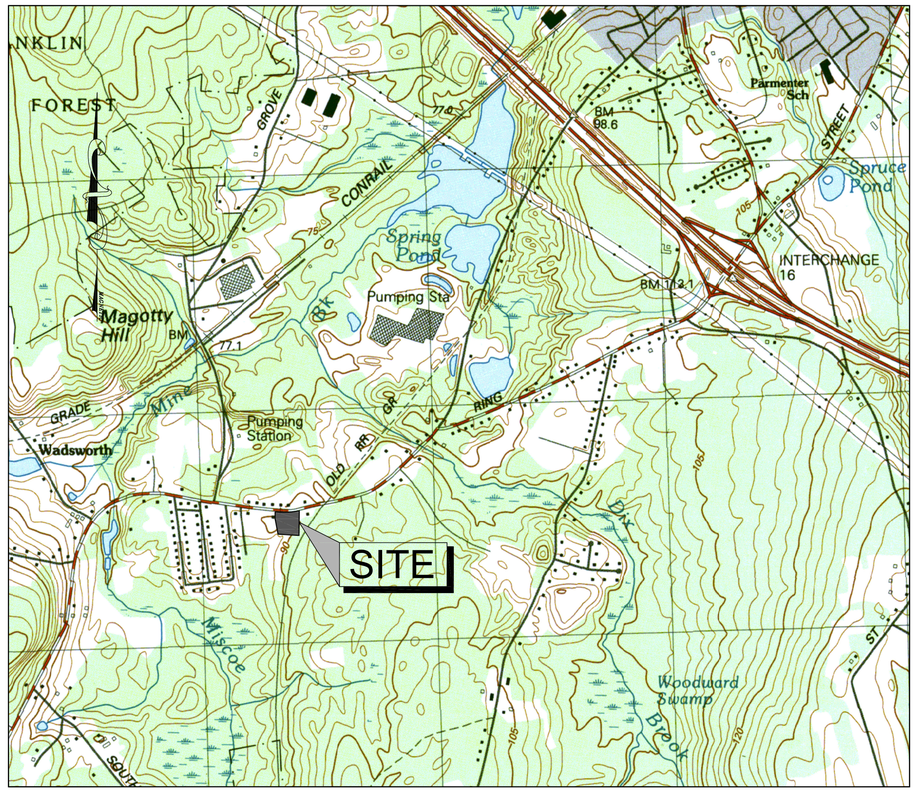
SITE PLAN

AMEGO INC.

704 WASHINGTON STREET

FRANKLIN, MASSACHUSETTS

DATE: JULY 19, 2022
REVISED: NOVEMBER 21, 2022



USGS MAP

SCALE: 1"= 1,000'±

APPLICANT:

AMEGO INC.
33 PERRY STREET
ATTLEBORO, MA 02703

CIVIL ENGINEER:

LEVEL DESIGN GROUP
Civil Engineers & Land Surveyors
CIVIL ENGINEERING / LAND SURVEYING
249 SOUTH STREET
UNIT 1
PLAINVILLE, MA 02762
TEL. (508) 695-2221 FAX. (508) 695-2219

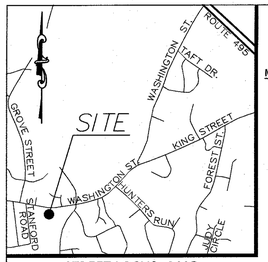
PROPERTY ADDRESS:
704 WASHINGTON STREET
FRANKLIN, MASSACHUSETTS

ASSESSORS MAP/PARCEL:
MAP 322 , PARCEL 030

ZONING DISTRICT:
RURAL RESIDENTIAL

DRAWING LIST:

C-0.0 COVER
C-1.0 EROSION CONROL PLAN
C-2.0 LAYOUT & MATERIALS
C-3.0 GRADING & DRAINAGE
C-4.0 UTILITIES
C-5.0 TYPICAL DETAILS
C-5.1 TYPICAL DETAILS



STREET LOCUS MAP

NOT TO SCALE

ZONING DISTRICT

ZONED: RURAL RESIDENTIAL

MINIMUM BUILDING SETBACKS

FRONT=40 FEET
SIDE=40 FEET
REAR=40 FEET

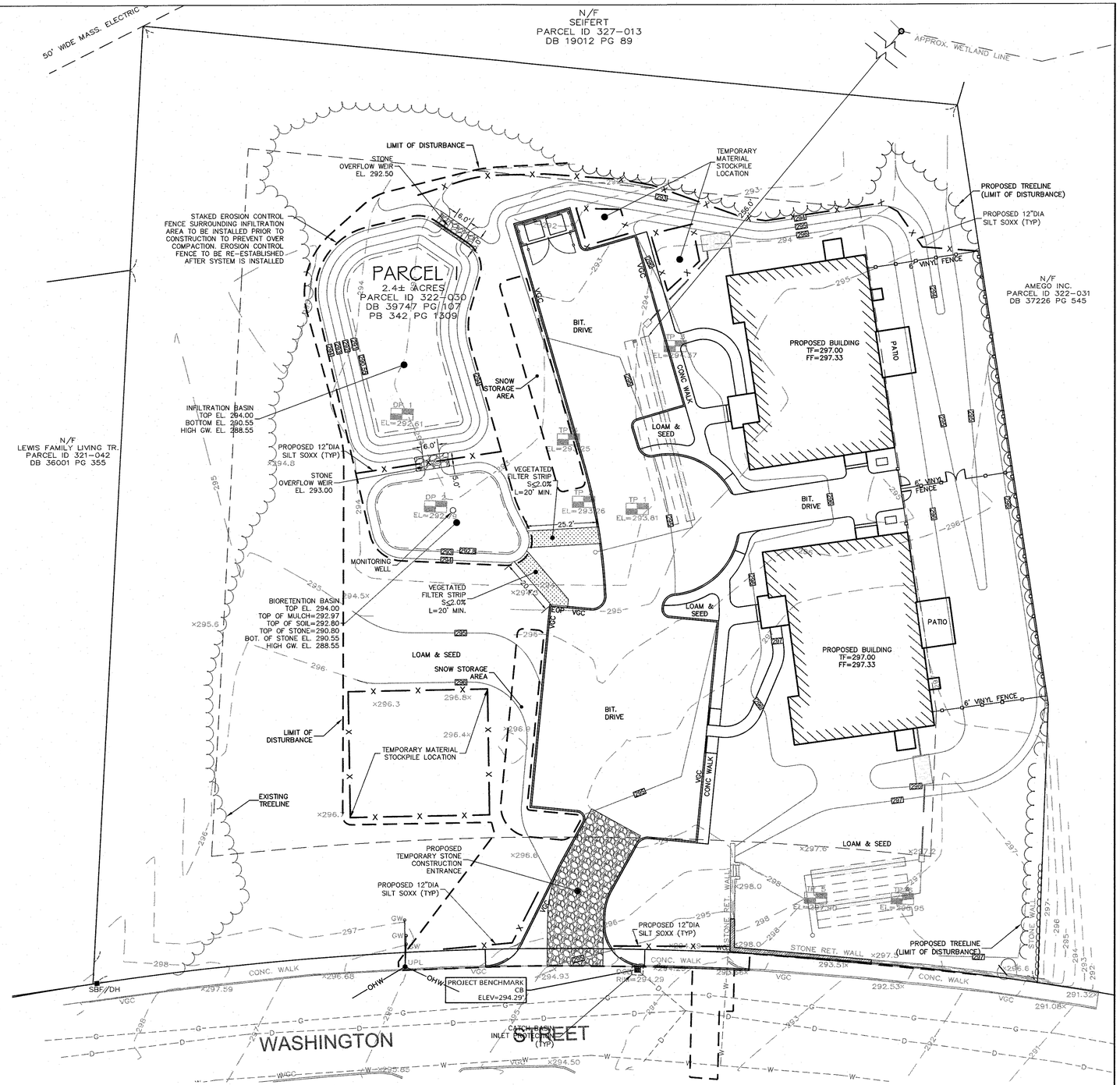
DEED REFERENCES

LAWRENCE P. BENEDETTO
DEED BOOK 39747 PAGE 107

PLAN REFERENCES

PLAN BOOK 105 PAGE 679
PLAN BOOK 342 PAGE 1309

1925 NORFOLK COUNTY LAYOUT



EROSION CONTROL PLAN NOTES:

SILTATION CONTROL USING EROSION CONTROL FENCE WITH STRAW WATTLE, OR APPROVED EQUAL

SILTSOXX IS TO BE VISUALLY INSPECTED AFTER EVERY RAIN FALL AND REPAIRS MADE AS REQUIRED TO THE SILTATION CONTROL FENCE AND STRAW WATTLE AFTER EACH RAIN FALL. CLEANOUT OF ACCUMULATED SEDIMENT BEHIND THE WATTLE IS NECESSARY IF ½ OF THE ORIGINAL HEIGHT OF THE WATTLE APPEARS TO HAVE BEEN INUNDATED WITH SEDIMENT.

PRESERVE TOPSOIL

SITE OWNERS AND OPERATORS MUST PRESERVE EXISTING TOPSOIL ON THE CONSTRUCTION SITE TO THE MAXIMUM EXTENT FEASIBLE AND AS NECESSARY TO SUPPORT HEALTHY VEGETATION, PROMOTE SOIL STABILIZATION, AND INCREASE STORMWATER INFILTRATION RATES IN THE POST-CONSTRUCTION PHASE OF THE PROJECT.

STABILIZATION OF SOILS

UPON COMPLETION AND ACCEPTANCE OF SITE PREPARATION AND INITIAL INSTALLATION OF EROSION, RUNOFF, AND SEDIMENT CONTROLS AND TEMPORARY POLLUTION PREVENTION MEASURES, THE OPERATOR SHALL INITIATE APPROPRIATE TEMPORARY OR PERMANENT STABILIZATION PRACTICES DURING ALL PHASES OF CONSTRUCTION ON ALL DISTURBED AREAS AS SOON AS POSSIBLE BUT NOT MORE THAN FOURTEEN (14) DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT AREA HAS TEMPORARILY OR PERMANENTLY CEASED UNLESS THE ACTIVITY IS TO RESUME WITHIN TWENTY-ONE (21) DAYS.

ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED AFTER FINAL SITE STABILIZATION. DISTURBED SOIL AREAS RESULTING FROM THE REMOVAL OF TEMPORARY MEASURES SHALL BE PERMANENTLY STABILIZED WITHIN 30 DAYS OF REMOVAL.

ONLY AREAS THAT CAN BE REASONABLY EXPECTED TO HAVE ACTIVE CONSTRUCTION WORK BEING PERFORMED WITHIN 14 DAYS OF DISTURBANCE WILL BE CLEARED/GRUBBED AT ANY ONE TIME. IT IS NOT ACCEPTABLE TO GRUB AND STRIP TOP SOIL THE ENTIRE CONSTRUCTION SITE IF PORTIONS WILL NOT BE ACTIVE WITHIN THE 14-DAY TIME FRAME. PROPER PHASING OF CLEARING AND GRUBBING ACTIVITIES SHALL INCLUDE TEMPORARY STABILIZATION TECHNIQUES FOR AREAS CLEARED AND GRUBBED THAT WILL NOT BE ACTIVE WITHIN THE 14-DAY TIME FRAME.

ONLY AREAS THAT CAN BE REASONABLY EXPECTED TO HAVE ACTIVE CONSTRUCTION WORK BEING PERFORMED WITHIN 14 DAYS OF DISTURBANCE WILL BE CLEARED/GRUBBED AT ANY ONE TIME. IT IS NOT ACCEPTABLE TO GRUB AND STRIP TOP SOIL THE ENTIRE CONSTRUCTION SITE IF PORTIONS WILL NOT BE ACTIVE WITHIN THE 14-DAY TIME FRAME. PROPER PHASING OF CLEARING AND GRUBBING ACTIVITIES SHALL INCLUDE TEMPORARY STABILIZATION TECHNIQUES FOR AREAS CLEARED AND GRUBBED THAT WILL NOT BE ACTIVE WITHIN THE 14-DAY TIME FRAME.

STEEP SLOPES SHALL NOT BE LEFT UNATTENDED OR EXPOSED FOR EXCESSIVE PERIODS OF TIME SUCH AS THE INACTIVE WINTER SEASON. THE CONTRACTOR SHALL INITIATE APPROPRIATE VEGETATIVE PRACTICES ON ALL DISTURBED AREAS IN AREAS OF STEEP SLOPES AS SOON AS POSSIBLE BUT NOT MORE THAN FOURTEEN (14) DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT AREA HAS TEMPORARILY OR PERMANENTLY CEASED, UNLESS THE ACTIVITY IS TO RESUME WITHIN TWENTY-ONE (21) DAYS. ONCE AN STEEP SLOPE AREA HAS BEEN TEMPORARY AND/OR FINAL SEEDED IT SHALL BE PROTECTED WITH 4' HIGH ORANGE CONSTRUCTION TO PREVENT FURTHER DISTURBANCE OF THE AREA.

THE TEMPORARY SEEDING DESIGN MIX SHALL BE COMPRISED OF THE FOLLOWING:

TYPE	% BY WEIGHT
ANNUAL RYE GRASS	40
PERENNIAL RYE GRASS	60

STORMWATER INLET PROTECTION

INLET PROTECTION – WILL BE UTILIZED TO PREVENT SOIL AND DEBRIS FROM ENTERING STORM DRAIN INLETS. THESE MEASURES ARE USUALLY TEMPORARY AND ARE IMPLEMENTED BEFORE A SITE IS DISTURBED. ALL STORMWATER INLETS &/OR CATCH BASINS THAT ARE OPERATIONAL DURING CONSTRUCTION AND HAVE THE POTENTIAL TO RECEIVE SEDIMENT-LADEN STORMWATER FLOW FROM THE CONSTRUCTION SITE MUST BE PROTECTED USING CONTROL MEASURES OUTLINED IN THE STORMWATER POLLUTION PREVENTION PLAN. EROSION CONTROL FENCE WITH STRAW WATTLES ARE TO BE PLACED AT TO OPENING OF ALL ROUGH GRADED SEDIMENT FOREBAYS UNTIL THE FOREBAY AND BASIN HAS BEEN STABILIZED AND BROUGHT ON-LINE.

MAINTENANCE – THE OPERATOR MUST CLEAN, OR REMOVE AND REPLACE THE INLET PROTECTION MEASURES AS SEDIMENT ACCUMULATES, THE FILTER BECOMES CLOGGED, AND/OR AS PERFORMANCE IS COMPROMISED. ACCUMULATED SEDIMENT ADJACENT TO THE INLET PROTECTION MEASURES SHOULD BE REMOVED BY THE END OF THE SAME WORK DAY IN WHICH IT IS FOUND OR BY THE END OF THE FOLLOWING WORK DAY IF REMOVAL BY THE SAME WORK DAY IS NOT FEASIBLE.

INFILTRATION BASINS – ALL AREAS CONTAINING INFILTRATION BASINS (ABOVE OR BELOW GROUND) SHALL BE PROTECTED THROUGHOUT CONSTRUCTION. THESE AREAS ARE NOT BE USED FOR MATERIAL STOCKPILES OR FOR PARKING EQUIPMENT. SURFACE BASINS ARE TO BE ROUGH GRADED AND PROTECTED UNTIL STABILIZED AND BROUGHT ON-LINE FOR STORMWATER MANAGEMENT OF THE STABILIZED SITE.

CONSTRUCTION ENTRANCES

CONSTRUCTION ENTRANCES SHALL BE ESTABLISHED PRIOR TO REMOVAL OF EXISTING DRIVEWAY PAVEMENT TO BE USED IN CONJUNCTION WITH THE STABILIZATION OF CONSTRUCTION ROADS TO REDUCE THE AMOUNT OF SEDIMENT TRACKING OFF THE PROJECT. ANY CONSTRUCTION SITE ACCESS POINT MUST EMPLOY THE CONTROL MEASURES ON THE APPROVED SITE PLANS AND IN ACCORDANCE WITH THE STORMWATER POLLUTION PREVENTION PLAN. CONSTRUCTION ENTRANCES SHALL BE USED IN CONJUNCTION WITH THE STABILIZATION OF CONSTRUCTION ROADS TO REDUCE THE AMOUNT OF MUD PICKED UP BY CONSTRUCTION VEHICLES. ALL CONSTRUCTION ACCESS ROADS SHALL BE CONSTRUCTED PRIOR TO ANY ROADWAY ACCEPTING CONSTRUCTION TRAFFIC.

THE SITE OWNER AND OPERATOR MUST WILL RESTRICT VEHICLE USE TO PROPERLY DESIGNATED EXIT POINTS, USE PROPERLY DESIGNED AND CONSTRUCTED CONSTRUCTION ENTRANCES AT ALL POINTS THAT EXIT ONTO PAVED ROADS SO THAT SEDIMENT REMOVAL OCCURS PRIOR TO VEHICLE EXIT. WHEN AND WHERE NECESSARY, USE ADDITIONAL CONTROLS TO REMOVE SEDIMENT FROM VEHICLE TIRES PRIOR TO EXIT (I.E. WHEEL WASHING RACKS, RUMBLE STRIPS, AND RATTLE PLATES). WHERE SEDIMENT HAS BEEN TRACKED OUT FROM THE CONSTRUCTION SITE ONTO THE SURFACE OF OFFSET STREETS, OTHER PAVED AREAS, AND SIDEWALKS, THE DEPOSITED SEDIMENT MUST BE REMOVED BY THE END OF THE SAME WORK DAY IN WHICH THE TRACK OUT OCCURS. TRACK-OUT MUST BE REMOVED BY SWEEPING, SHOVELING, OR VACUUMING THESE SURFACES, OR BY USING OTHER SIMILARLY EFFECTIVE MEANS OF SEDIMENT REMOVAL.

STOCKPILE CONTAINMENT

SHALL BE USED ON-SITE TO MINIMIZE OR ELIMINATE THE DISCHARGE OF SOIL, TOPSOIL, BASE MATERIAL OR RUBBLE, FROM ENTERING DRAINAGE SYSTEMS OR SURFACE WATERS. ALL STOCKPILES MUST BE LOCATED WITHIN THE LIMIT OF DISTURBANCE, PROTECTED FROM RUN-ON WITH THE USE OF TEMPORARY SEDIMENT BARRIERS AND PROVIDED WITH COVER OR STABILIZATION TO AVOID CONTACT WITH PRECIPITATION AND WIND WHERE AND WHEN PRACTICAL. STOCK PILE MANAGEMENT CONSISTS OF PROCEDURES AND PRACTICES DESIGNED TO MINIMIZE OR ELIMINATE THE DISCHARGE OF STOCKPILED MATERIAL (SOIL, TOPSOIL, BASE MATERIAL, RUBBLE) FROM ENTERING DRAINAGE SYSTEMS OR SURFACE WATERS.
FOR ANY STOCKPILES OR LAND CLEARING DEBRIS COMPOSED, IN WHOLE OR IN PART, OF SEDIMENT OR SOIL, YOU MUST COMPLY WITH THE FOLLOWING REQUIREMENTS – LOCATE PILES WITHIN THE DESIGNATED LIMITS OF DISTURBANCE OUTSIDE OF THE 100-FOOT BUFFER ZONE, PROTECT FROM CONTACT WITH STORMWATER (INCLUDING RUN-ON) USING A TEMPORARY PERIMETER SEDIMENT BARRIER; WHERE PRACTICABLE, PROVIDE COVER OR APPROPRIATE TEMPORARY VEGETATIVE OR STRUCTURAL STABILIZATION TO AVOID DIRECT CONTACT WITH PRECIPITATION OR TO MINIMIZE SEDIMENT DISCHARGE; NEVER HOSE DOWN OR SWEEP SOIL OR SEDIMENT ACCUMULATED ON PAVEMENT OR OTHER IMPERVIOUS SURFACES INTO ANY STORMWATER CONVEYANCE, STORM DRAIN INLET, OR SURFACE WATER; TO THE MAXIMUM EXTENT PRACTICABLE, CONTAIN AND SECURELY PROTECT FROM WIND.

GENERAL CONSTRUCTION SEQUENCING

1. INSTALL EROSION AND SEDIMENT CONTROLS;
2. CLEAR, GRUB AND ROUGH GRADE AREAS SHOWN TO BE REGRADED;
3. DEMO EXISTING FEATURES IN WORK AREA NOT SHOWN TO BE SAVED AND CUT AND CAP UTILITIES AS NEEDED;
4. INSTALL BUILDING FOUNDATIONS;
5. INSTALL STORMWATER MANAGEMENT SYSTEM AND SITE UTILITIES;
6. INSTALL BINDER COAT PAVING;
7. INSTALL LANDSCAPING;
8. FINE GRADE SITE AND LOAM AND SEED ALL DISTURBED AREAS;
9. INSTALL TOP COAT PAVEMENT;
10. PROJECT CLOSE OUT.

PLAN NOTES:

1. EXISTING CONDITIONS WERE OBTAINED FROM FIELD SURVEY PREPARED BY LEVEL DESIGN GROUP, LLC OR THEIR AFFILIATED COMPANIES MARCH 18, 2022. THERE ARE NO RESOURCE AREAS, IN ACCORDANCE WITH 310 CMR 10.00 WITHIN 100' OF PROPOSED SYSTEM.
2. THE LOCATION OF EXISTING UTILITIES IS APPROXIMATE, THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES IN THE FIELD PRIOR TO THE START OF CONSTRUCTION. NOTIFY "DIG-SAFE" AT 1-888-344-7233 AT LEAST 72 HOURS PRIOR TO ANY SITE DEMOLITION OR EXCAVATION.
3. SEE STORMWATER POLLUTION PREVENTION PLAN PREPARED FOR CONSTRUCTION ACTIVITIES AT 704 WASHINGTON STREET FRANKLIN, MA 02038, FOR ADDITIONAL EROSION AND SEDIMENT CONTROL PRACTICES AND PROCEDURES.

NO	DATE	REVISIONS
1	7-11-22	COMMENT RESPONSE
2	9-6-22	REVISED LAYOUT
3	10-31-22	REVISED LAYOUT
4	11-21-22	REVIEW COMMENTS

SEAL

COMMONWEALTH OF MASSACHUSETTS
DANIEL R. CAMPBELL
CIVIL
No. 45540
REGISTERED PROFESSIONAL ENGINEER
11/21/22

DATE :	JUNE 21, 2022
DRAWN :	APH / DRC
SCALE :	H - 1" = 20', V - 1"=4'

AMEGO
SITE PLAN
MAP SHEET 322, PARCEL 030
704 WASHINGTON STREET
FRANKLIN, MASSACHUSETTS

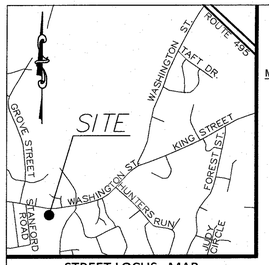
LEVEL DESIGN GROUP
CIVIL ENGINEERING / LAND SURVEYING
249 SOUTH STREET
UNIT 1
PLAINVILLE, MA 02762
TEL. (508) 695-2221 FAX. (508) 695-2219

EROSION CONTROL

C-1.0

0' 10' 20' 40'

2013.00



STREET LOCUS MAP

NOT TO SCALE

ZONING DISTRICT

ZONED: RURAL RESIDENTIAL

MINIMUM BUILDING SETBACKS

FRONT=40 FEET
SIDE=40 FEET
REAR=40 FEET

DEED REFERENCES

LAWRENCE P. BENEDETTO
DEED BOOK 39747 PAGE 107

PLAN REFERENCES

PLAN BOOK 105 PAGE 679
PLAN BOOK 342 PAGE 1309

ZONING REQUIREMENTS		
ZONING DISTRICT: RURAL RESIDENTIAL 1 (GROUNDWATER PROTECTION OVERLAY DISTRICT)		
	REQUIRED	PROVIDED
MIN. LOT AREA	40,000 S.F.	102,856 S.F.
FRONTAGE	200'	338.34'
FRONT YARD SETBACK	40'	75.59'
SIDE YARD SETBACK	40'	40.50'
REAR YARD SETBACK	40'	56.37'
LOT COVERAGE	15% MAX.	21.0'*
MAX. BUILDING HEIGHT	3 STORY/35'	1 STORY/18'
PARKING REQUIREMENTS		
USE: GROUP HOME - GUEST HOUSES, LODGING HOUSES AND OTHER GROUP ACCOMMODATIONS: ONE SPACE PER GUEST UNIT.	20 GUESTS X (1 SPACE/ GUEST) =20 SPACES	23

* PROPERTY IS EXEMPT FROM REQUIREMENT PER DOVER AMENDMENT.

PLAN NOTES:

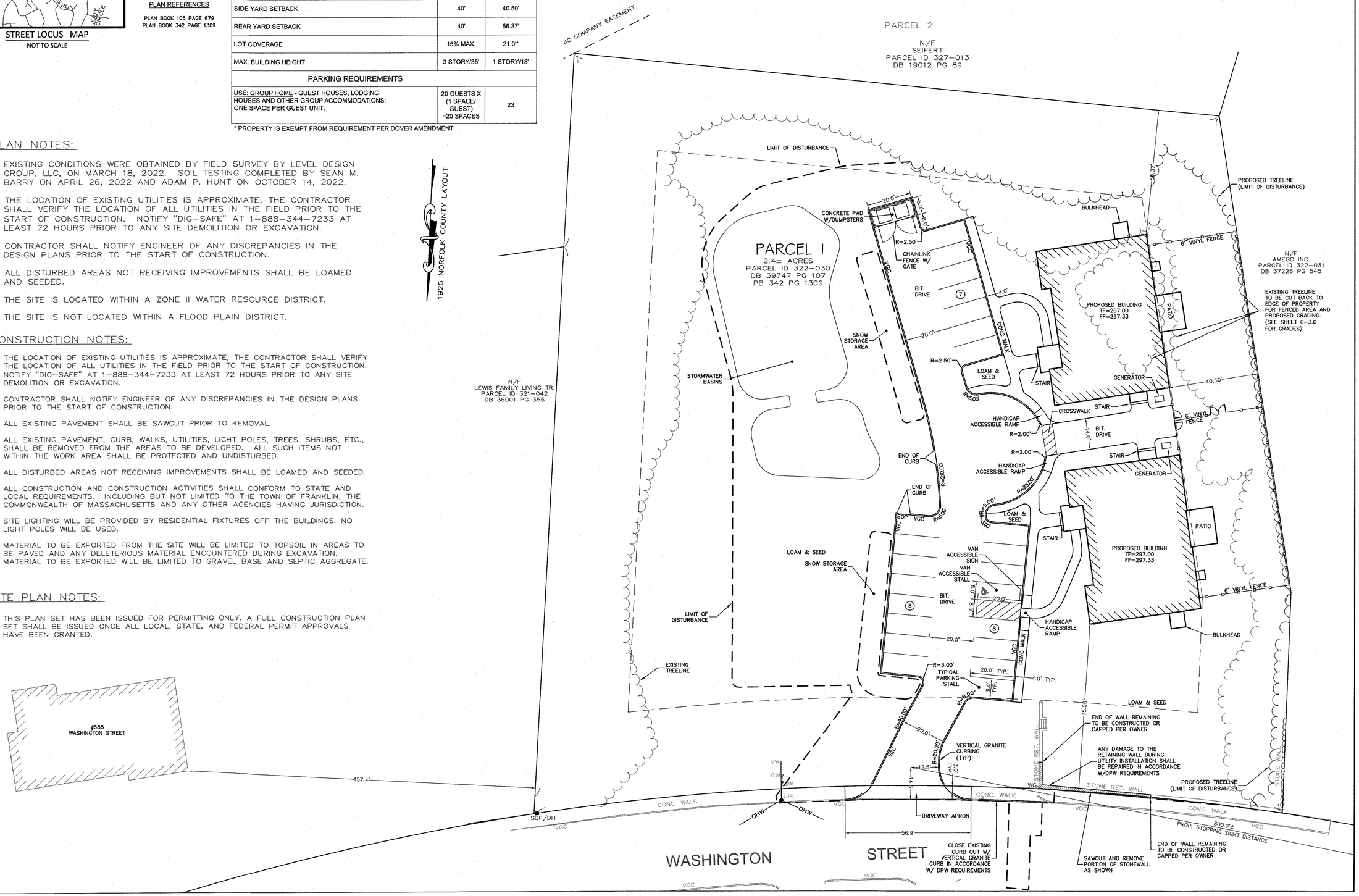
1. EXISTING CONDITIONS WERE OBTAINED BY FIELD SURVEY BY LEVEL DESIGN GROUP, LLC, ON MARCH 18, 2022. SOIL TESTING COMPLETED BY SEAN M. BARRY ON APRIL 26, 2022 AND ADAM P. HUNT ON OCTOBER 14, 2022.
2. THE LOCATION OF EXISTING UTILITIES IS APPROXIMATE, THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES IN THE FIELD PRIOR TO THE START OF CONSTRUCTION. NOTIFY "DIG-SAFE" AT 1-888-344-7233 AT LEAST 72 HOURS PRIOR TO ANY SITE DEMOLITION OR EXCAVATION.
3. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES IN THE DESIGN PLANS PRIOR TO THE START OF CONSTRUCTION.
4. ALL DISTURBED AREAS NOT RECEIVING IMPROVEMENTS SHALL BE LOAMED AND SEEDED.
5. THE SITE IS LOCATED WITHIN A ZONE II WATER RESOURCE DISTRICT.
6. THE SITE IS NOT LOCATED WITHIN A FLOOD PLAIN DISTRICT.

CONSTRUCTION NOTES:

1. THE LOCATION OF EXISTING UTILITIES IS APPROXIMATE, THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES IN THE FIELD PRIOR TO THE START OF CONSTRUCTION. NOTIFY "DIG-SAFE" AT 1-888-344-7233 AT LEAST 72 HOURS PRIOR TO ANY SITE DEMOLITION OR EXCAVATION.
2. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES IN THE DESIGN PLANS PRIOR TO THE START OF CONSTRUCTION.
3. ALL EXISTING PAVEMENT SHALL BE SAWCUT PRIOR TO REMOVAL.
4. ALL EXISTING PAVEMENT, CURB, WALKS, UTILITIES, LIGHT POLES, TREES, SHRUBS, ETC., SHALL BE REMOVED FROM THE AREAS TO BE DEVELOPED. ALL SUCH ITEMS NOT WITHIN THE WORK AREA SHALL BE PROTECTED AND UNDISTURBED.
5. ALL DISTURBED AREAS NOT RECEIVING IMPROVEMENTS SHALL BE LOAMED AND SEEDED.
6. ALL CONSTRUCTION AND CONSTRUCTION ACTIVITIES SHALL CONFORM TO STATE AND LOCAL REQUIREMENTS. INCLUDING BUT NOT LIMITED TO THE TOWN OF FRANKLIN, THE COMMONWEALTH OF MASSACHUSETTS AND ANY OTHER AGENCIES HAVING JURISDICTION.
7. SITE LIGHTING WILL BE PROVIDED BY RESIDENTIAL FIXTURES OFF THE BUILDINGS. NO LIGHT POLES WILL BE USED.
8. MATERIAL TO BE EXPORTED FROM THE SITE WILL BE LIMITED TO TOPSOIL IN AREAS TO BE PAVED AND ANY DELETERIOUS MATERIAL ENCOUNTERED DURING EXCAVATION. MATERIAL TO BE EXPORTED WILL BE LIMITED TO GRAVEL BASE AND SEPTIC AGGREGATE.

SITE PLAN NOTES:

1. THIS PLAN SET HAS BEEN ISSUED FOR PERMITTING ONLY. A FULL CONSTRUCTION PLAN SET SHALL BE ISSUED ONCE ALL LOCAL, STATE, AND FEDERAL PERMIT APPROVALS HAVE BEEN GRANTED.



NO	DATE	REVISIONS
1	7-11-22	COMMENT RESPONSE
2	9-6-22	REVISED LAYOUT
3	10-31-22	REVISED LAYOUT
4	11-21-22	REVIEW COMMENTS

SEAL

COMMONWEALTH OF MASSACHUSETTS
DANIEL R. CAMPBELL
CIVIL
No. 40245
PROFESSIONAL ENGINEER
11/21/22

DATE :	JUNE 21, 2022
DRAWN :	APH / DRC
SCALE :	H - 1" = 20' , V - 1"=4'

AMEGO
SITE PLAN
MAP SHEET 322, PARCEL 030
704 WASHINGTON STREET
FRANKLIN, MASSACHUSETTS

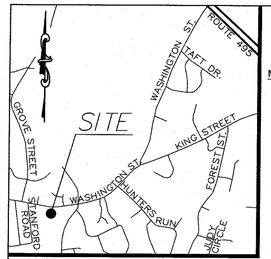
LEVEL DESIGN GROUP
CIVIL ENGINEERING / LAND SURVEYING
249 SOUTH STREET
UNIT 1
PLAINVILLE, MA 02762
TEL. (508) 695-2221 FAX. (508) 695-2219

LAYOUT & MATERIALS

C-2.0

0' 10' 20' 40'

2013.00



STREET LOCUS MAP
NOT TO SCALE

ZONING DISTRICT

ZONED: RURAL RESIDENTIAL

MINIMUM BUILDING SETBACKS

FRONT=40 FEET
SIDE=40 FEET
REAR=40 FEET

DEED REFERENCES

LAWRENCE P. BENEDETTO
DEED BOOK 39747 PAGE 107

PLAN REFERENCES

PLAN BOOK 105 PAGE 679
PLAN BOOK 342 PAGE 1309

DEEP OBSERVATION HOLE LOG

DEEP HOLE NO.:DP-1 DATE: APRIL 26, 2022 GRD EL.: 292.60' PERFORMED BY: SEAN M. BARRY, SE#14412

DEPTH FROM SURFACE (IN.)	SOIL HORIZON	SOIL TEXTURE (USDA)	SOIL COLOR (MUNSELL)	SOIL REDOX	OTHER (STRUCTURE, CONSISTENCY, SOIL CATEGORY)
0-32	O / A	SANDY LOAM	–	–	–
32-43	B_w	SANDY LOAM	–	–	–
43-87	C1	LOAMY SAND	–	64"	–
87-118	C2	LOAMY SAND	2.5Y 4/3	–	5-10% COBBLES, 10-20% GRAVEL

MEAN ANNUAL HIGH GROUND WATER ESTIMATED TO BE AT EL = 287.27'

DEEP OBSERVATION HOLE LOG

DEEP HOLE NO.:DP-2 DATE: APRIL 26, 2022 GRD EL.: 292.80' PERFORMED BY: SEAN M. BARRY, SE#14412

DEPTH FROM SURFACE (IN.)	SOIL HORIZON	SOIL TEXTURE (USDA)	SOIL COLOR (MUNSELL)	SOIL REDOX	OTHER (STRUCTURE, CONSISTENCY, SOIL CATEGORY)
0-22	O / A	SANDY LOAM	10YR 3/2	–	–
22-38	B_w	SANDY LOAM	10YR 5/4	–	–
38-58	C1	GRAVELY SAND	10YR 5/6	51"	–
58-85	C2	M-C. SAND	10YR 5/6	–	–
85-121	C3	FINE SAND	2.5Y 6/2	–	VERY FINE COMPACT SAND

MEAN ANNUAL HIGH GROUND WATER ESTIMATED TO BE AT EL = 288.55'

PLAN NOTES:

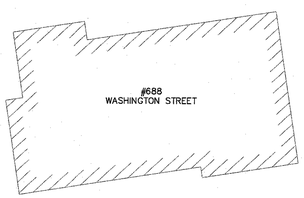
1. EXISTING CONDITIONS WERE OBTAINED BY FIELD SURVEY BY LEVEL DESIGN GROUP, LLC, ON MARCH 18, 2022. SOIL TESTING COMPLETED BY SEAN M. BARRY ON APRIL 26, 2022.
2. THE LOCATION OF EXISTING UTILITIES IS APPROXIMATE, THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES IN THE FIELD PRIOR TO THE START OF CONSTRUCTION. NOTIFY "DIG-SAFE" AT 1-888-344-7233 AT LEAST 72 HOURS PRIOR TO ANY SITE DEMOLITION OR EXCAVATION.
3. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES IN THE DESIGN PLANS PRIOR TO THE START OF CONSTRUCTION.
4. ALL DISTURBED AREAS NOT RECEIVING IMPROVEMENTS SHALL BE LOAMED AND SEEDED.
5. THE SITE IS LOCATED WITHIN A ZONE II WATER RESOURCE DISTRICT.
6. THE SITE IS NOT LOCATED WITHIN A FLOOD PLAIN DISTRICT.

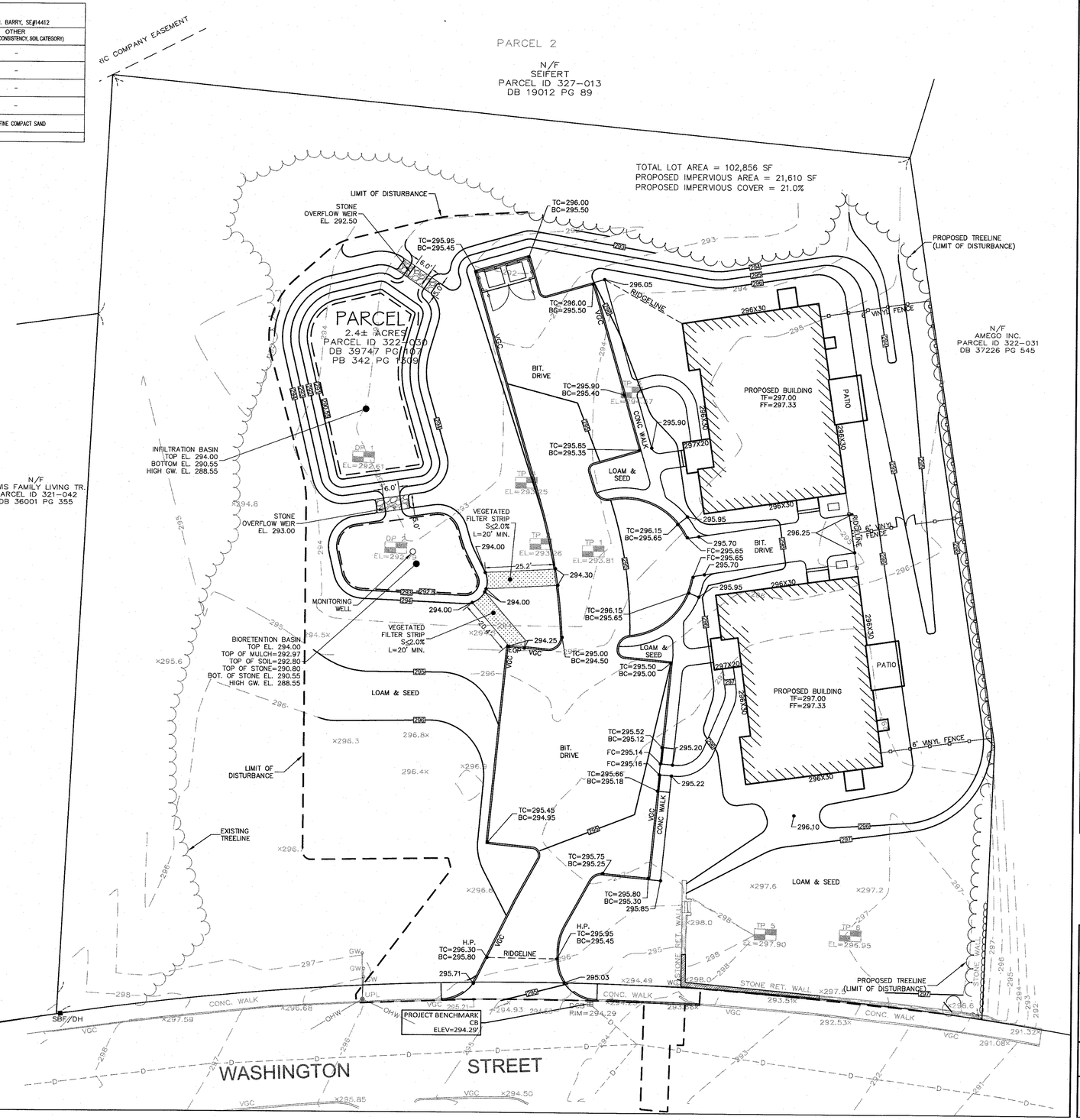
CONSTRUCTION NOTES:

1. THE LOCATION OF EXISTING UTILITIES IS APPROXIMATE, THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES IN THE FIELD PRIOR TO THE START OF CONSTRUCTION. NOTIFY "DIG-SAFE" AT 1-888-344-7233 AT LEAST 72 HOURS PRIOR TO ANY SITE DEMOLITION OR EXCAVATION.
2. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES IN THE DESIGN PLANS PRIOR TO THE START OF CONSTRUCTION.
3. ALL EXISTING PAVEMENT SHALL BE SAWCUT PRIOR TO REMOVAL.
4. ALL EXISTING PAVEMENT, CURB, WALKS, UTILITIES, LIGHT POLES, TREES, SHRUBS, ETC., SHALL BE REMOVED FROM THE AREAS TO BE DEVELOPED. ALL SUCH ITEMS NOT WITHIN THE WORK AREA SHALL BE PROTECTED AND UNDISTURBED.
5. ALL DISTURBED AREAS NOT RECEIVING IMPROVEMENTS SHALL BE LOAMED AND SEEDED.
6. ALL CONSTRUCTION AND CONSTRUCTION ACTIVITIES SHALL CONFORM TO STATE AND LOCAL REQUIREMENTS. INCLUDING BUT NOT LIMITED TO THE TOWN OF FRANKLIN, THE COMMONWEALTH OF MASSACHUSETTS AND ANY OTHER AGENCIES HAVING JURISDICTION.
7. SITE LIGHTING WILL BE PROVIDED BY RESIDENTIAL FIXTURES OFF THE BUILDINGS. NO LIGHT POLES WILL BE USED.
8. MATERIAL TO BE EXPORTED FROM THE SITE WILL BE LIMITED TO TOPSOIL IN AREAS TO BE PAVED AND ANY DELETERIOUS MATERIAL ENCOUNTERED DURING EXCAVATION. MATERIAL TO BE EXPORTED WILL BE LIMITED TO GRAVEL BASE AND SEPTIC AGGREGATE.
9. ANY DAMAGE TO THE SIDEWALK DURING CONSTRUCTION SHALL BE REPAIRED TO THE SATISFACTION OF THE FRANKLIN DPW.

SITE PLAN NOTES:

1. THIS PLAN SET HAS BEEN ISSUED FOR PERMITTING ONLY. A FULL CONSTRUCTION PLAN SET SHALL BE ISSUED ONCE ALL LOCAL, STATE, AND FEDERAL PERMIT APPROVALS HAVE BEEN GRANTED.





NO	DATE	REVISIONS
1	7-11-22	COMMENT RESPONSE
2	9-8-22	REVISED LAYOUT
3	10-31-22	REVISED LAYOUT
4	11-21-22	REVIEW COMMENTS

SEAL

COMMONWEALTH OF MASSACHUSETTS
DANIEL R. CAMPBELL
CIVIL
No. 46245
11/21/22

DATE :	JUNE 21, 2022
DRAWN :	APH / DRC
SCALE :	H - 1" = 20', V - 1"=4'

AMEGO
SITE PLAN
MAP SHEET 322, PARCEL 030
704 WASHINGTON STREET
FRANKLIN, MASSACHUSETTS

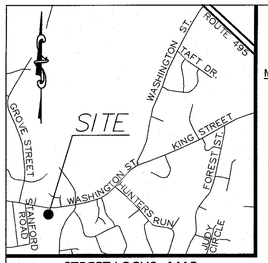
LEVEL DESIGN GROUP
CIVIL ENGINEERING / LAND SURVEYING
249 SOUTH STREET
UNIT 1
PLAINVILLE, MA 02762
TEL. (508) 695-2221 FAX. (508) 695-2219

GRADING & DRAINAGE

C-3.0

0' 10' 20' 40'

2013.00



STREET LOCUS MAP
NOT TO SCALE

ZONING DISTRICT

ZONED: RURAL RESIDENTIAL

MINIMUM BUILDING SETBACKS

FRONT=40 FEET
SIDE=40 FEET
REAR=40 FEET

DEED REFERENCES

LAWRENCE P. BENEDETTO
DEED BOOK 39747 PAGE 107

PLAN REFERENCES

PLAN BOOK 105 PAGE 679
PLAN BOOK 342 PAGE 1309

PLAN NOTES:

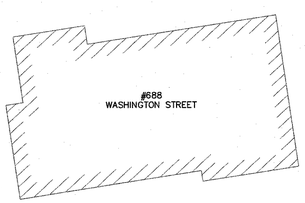
1. EXISTING CONDITIONS WERE OBTAINED BY FIELD SURVEY BY LEVEL DESIGN GROUP, LLC, ON MARCH 18, 2022. SOIL TESTING COMPLETED BY SEAN M. BARRY ON APRIL 26, 2022.
2. THE LOCATION OF EXISTING UTILITIES IS APPROXIMATE, THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES IN THE FIELD PRIOR TO THE START OF CONSTRUCTION. NOTIFY "DIG-SAFE" AT 1-888-344-7233 AT LEAST 72 HOURS PRIOR TO ANY SITE DEMOLITION OR EXCAVATION.
3. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES IN THE DESIGN PLANS PRIOR TO THE START OF CONSTRUCTION.
4. ALL DISTURBED AREAS NOT RECEIVING IMPROVEMENTS SHALL BE LOAMED AND SEEDED.
5. THE SITE IS LOCATED WITHIN A ZONE II WATER RESOURCE DISTRICT.
6. THE SITE IS NOT LOCATED WITHIN A FLOOD PLAIN DISTRICT.

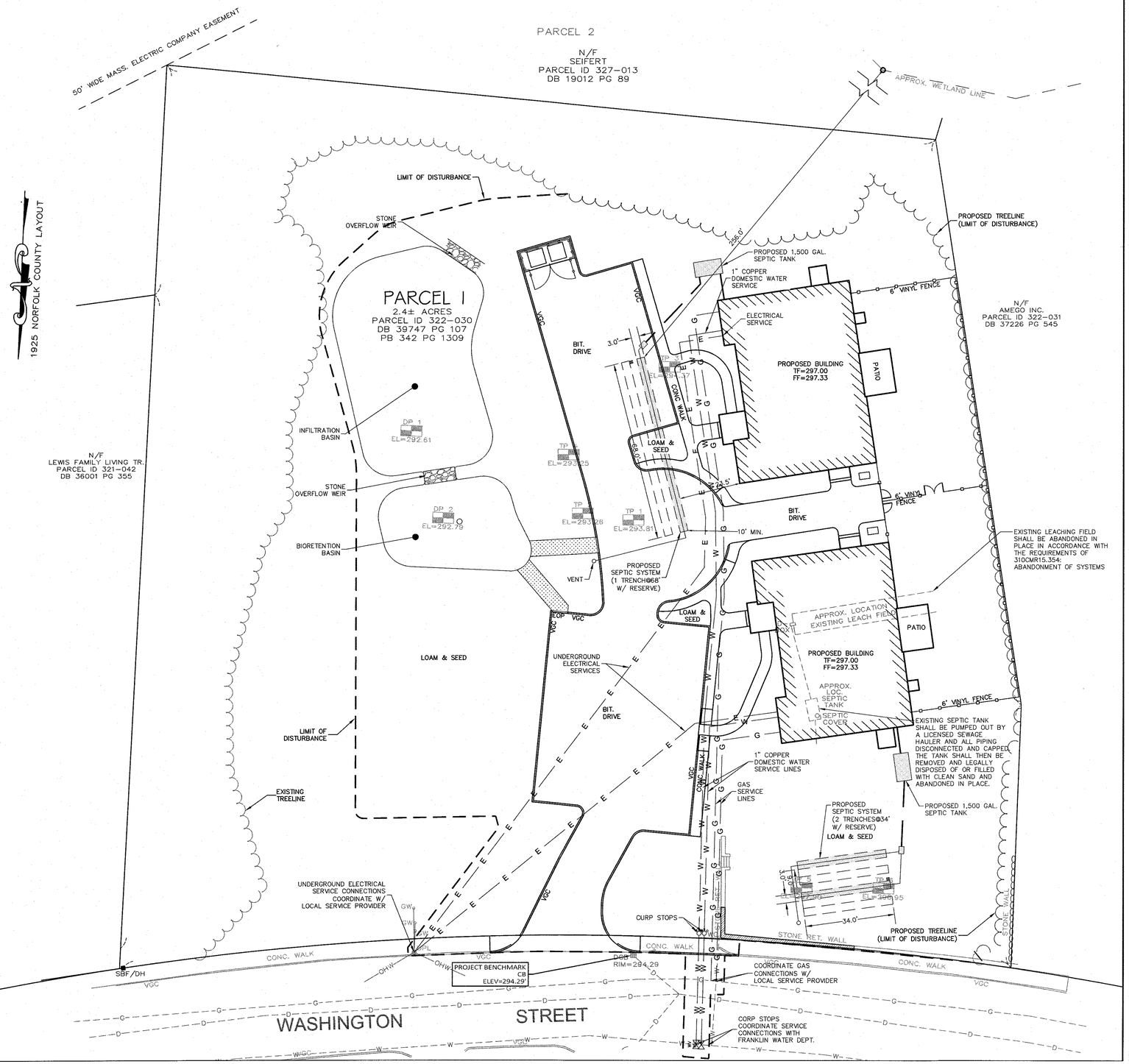
CONSTRUCTION NOTES:

1. THE LOCATION OF EXISTING UTILITIES IS APPROXIMATE, THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES IN THE FIELD PRIOR TO THE START OF CONSTRUCTION. NOTIFY "DIG-SAFE" AT 1-888-344-7233 AT LEAST 72 HOURS PRIOR TO ANY SITE DEMOLITION OR EXCAVATION.
2. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES IN THE DESIGN PLANS PRIOR TO THE START OF CONSTRUCTION.
3. ALL EXISTING PAVEMENT SHALL BE SAWCUT PRIOR TO REMOVAL.
4. ALL EXISTING PAVEMENT, CURB, WALKS, UTILITIES, LIGHT POLES, TREES, SHRUBS, ETC., SHALL BE REMOVED FROM THE AREAS TO BE DEVELOPED. ALL SUCH ITEMS NOT WITHIN THE WORK AREA SHALL BE PROTECTED AND UNDISTURBED.
5. ALL DISTURBED AREAS NOT RECEIVING IMPROVEMENTS SHALL BE LOAMED AND SEEDED.
6. ALL CONSTRUCTION AND CONSTRUCTION ACTIVITIES SHALL CONFORM TO STATE AND LOCAL REQUIREMENTS. INCLUDING BUT NOT LIMITED TO THE TOWN OF FRANKLIN, THE COMMONWEALTH OF MASSACHUSETTS AND ANY OTHER AGENCIES HAVING JURISDICTION.
7. SITE LIGHTING WILL BE PROVIDED BY RESIDENTIAL FIXTURES OFF THE BUILDINGS. NO LIGHT POLES WILL BE USED.
8. MATERIAL TO BE EXPORTED FROM THE SITE WILL BE LIMITED TO TOPSOIL IN AREAS TO BE PAVED AND ANY DELETERIOUS MATERIAL ENCOUNTERED DURING EXCAVATION. MATERIAL TO BE EXPORTED WILL BE LIMITED TO GRAVEL BASE AND SEPTIC AGGREGATE.

SITE PLAN NOTES:

1. THIS PLAN SET HAS BEEN ISSUED FOR PERMITTING ONLY. A FULL CONSTRUCTION PLAN SET SHALL BE ISSUED ONCE ALL LOCAL, STATE, AND FEDERAL PERMIT APPROVALS HAVE BEEN GRANTED.





NO	DATE	REVISIONS
1	7-11-22	COMMENT RESPONSE
2	9-6-22	REVISED LAYOUT
3	10-31-22	REVISED LAYOUT
4	11-21-22	REVIEW COMMENTS

SEAL

COMMONWEALTH OF MASSACHUSETTS
DANIEL R. CAMPBELL
CIVIL
No. 46245
REGISTERED PROFESSIONAL ENGINEER
11/21/22

DATE :	JUNE 21, 2022
DRAWN :	APH / DRC
SCALE :	H - 1" = 20', V - 1"=4'

AMEGO
SITE PLAN
MAP SHEET 322, PARCEL 030
704 WASHINGTON STREET
FRANKLIN, MASSACHUSETTS

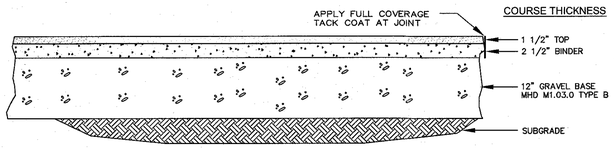
LEVEL DESIGN GROUP
CIVIL ENGINEERING / LAND SURVEYING
249 SOUTH STREET
UNIT 1
PLAINVILLE, MA 02762
TEL. (508) 695-2221 FAX. (508) 695-2219

UTILITY PLAN

C-4.0

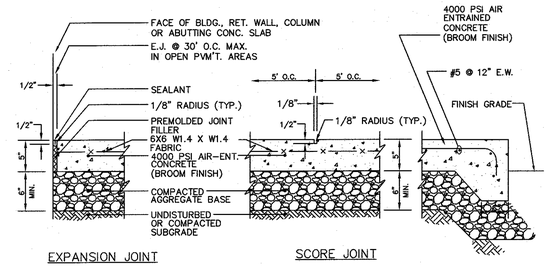
0' 10' 20' 40'

2013.00



AUTOMOTIVE AREAS - BITUMINOUS CONCRETE PAVEMENT

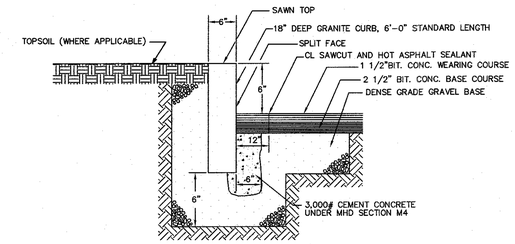
NOT TO SCALE



1. MAXIMUM CROSS SLOPE = 2%
2. MAXIMUM GRADIENT = 5%
3. PROVIDE EXPANSION JOINT AT FACE OF ABUTTING SLABS AND STRUCTURES.
4. PROVIDE VERTICAL GRANITE OR PRECAST CONCRETE CURBING PER SHEET C3.

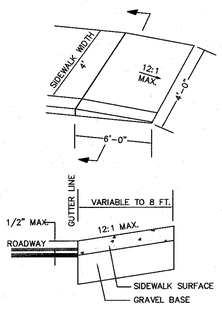
CONCRETE SIDEWALK

NOT TO SCALE



VERTICAL GRANITE CURB

NOT TO SCALE



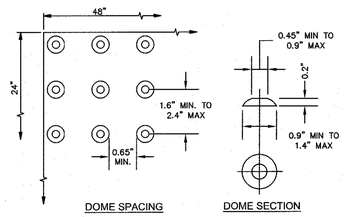
W	L
4'-0"	3'-6"
5'-0"	2'-9"
6'-0"	2'-0"
7'-0"	1'-0"
8'-0"	0'-0"

NOTE:

CEMENT CONCRETE RAMPS TO BE TEXTURED WITH A STIFF BROOM FINISH.

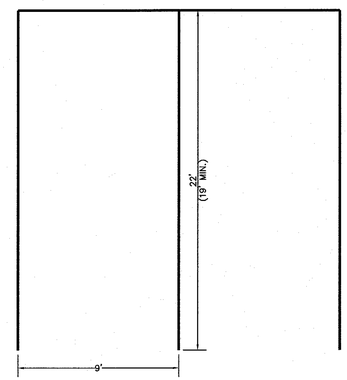
WHEEL CHAIR RAMP

NOT TO SCALE



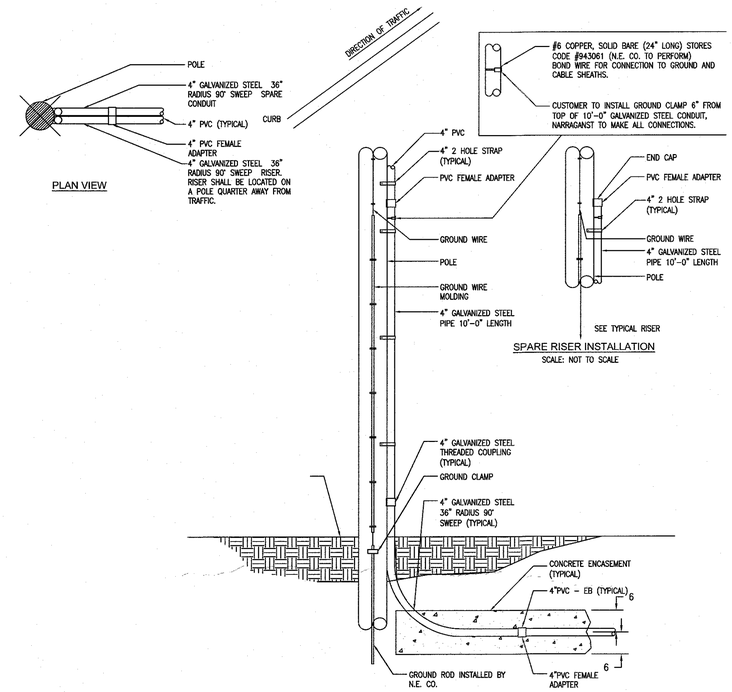
DETECTABLE WARNING STRIP

NOT TO SCALE



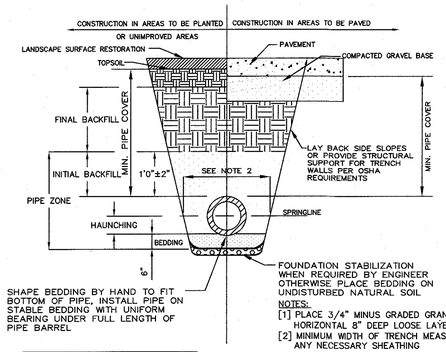
PARKING STALL

NOT TO SCALE



RISER POLE DETAIL

NOT TO SCALE



FOUNDATION, BEDDING AND BACKFILL MATERIALS		
PIPE MATERIAL	HDP, PVC	RC, DI
FOUNDATION STABILIZATION	NOTE [6]	[6]
BEDDING	[1]	[1]
HAUNCHING	[1]	[1]
INITIAL BACKFILL	[4]	[4]
FINAL BACKFILL	[4]	[4]
MIN. PIPE COVER	[5]	[5]

NOTES:

[1] PLACE 3/4" MINUS GRADED GRANULAR BACKFILL AT OPTIMUM MOISTURE IN HORIZONTAL 8" DEEP LOOSE LAYERS, COMPACT TO 95% PER ASTM D-1557

[2] MINIMUM WIDTH OF TRENCH MEASURED AT SPRINGLINE OF PIPE, INCLUDING ANY NECESSARY SHEATHING

PIPE I.D.	WIDTH
LESS THAN 21"	O.D. + 12"
21" TO 40"	O.D. + 24"
GREATER THAN 42"	O.D. + 30"

[3] INSTALL PIPE IN CENTER OF TRENCH.

[4] IN PLANTED OR UNIMPROVED AREAS, USE ON-SITE EXCAVATED MATERIAL FOR FINAL BACKFILL. COMPACT TO 95% PER ASTM D-1557. IN PAVED AREAS, OBTAIN ENGINEER APPROVAL OF ON-SITE EXCAVATED MATERIALS FOR USE AS FINAL BACKFILL.

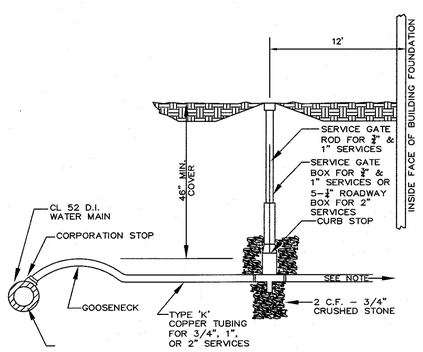
[5] MINIMUM COVER OVER TOP OF PIPE

PIPE MATERIAL	HDP, PVC	RC, DI
WATER	5' - 0"	5' - 0"
SEWER	4' - 0"	4' - 0"
DRAIN	2' - 0"	1' - 6"

[6] FOR FOUNDATION STABILIZATION, USE 2" MINUS CRUSHED STONE

UTILITY TRENCH

NOT TO SCALE

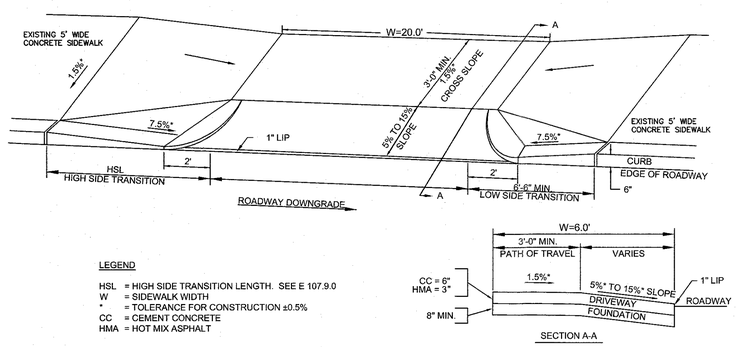


NOTE:

MATERIAL FOR HOMEOWNERS' SERVICE LINE MAY EITHER BE TYPE K COPPER OR COPPER PIPE SIZIE POLYETHYLENE TUBING TYPE 3408, 200 PSI MEETING ASTM SPECIFICATIOS FOR D3350.

WATER SERVICE

NOT TO SCALE



LEGEND

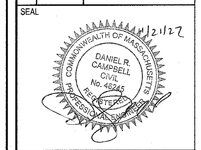
HSL = HIGH SIDE TRANSITION LENGTH. SEE E 107.9.0
W = SIDEWALK WIDTH
* = TOLERANCE FOR CONSTRUCTION ±0.5%
CC = CEMENT CONCRETE
HMA = HOT MIX ASPHALT

SIDEWALK TRANSITION THROUGH DRIVEWAY APRON

NOT TO SCALE

NO	DATE	REVISIONS
1	7-11-22	COMMENT RESPONSE
2	9-6-22	REVISED LAYOUT
3	10-31-22	REVISED LAYOUT
4	11-21-22	REVIEW COMMENTS

SEAL



DATE :	JUNE 21, 2022
DRAWN :	APH / DRC
SCALE :	N.T.S.

AMEGO

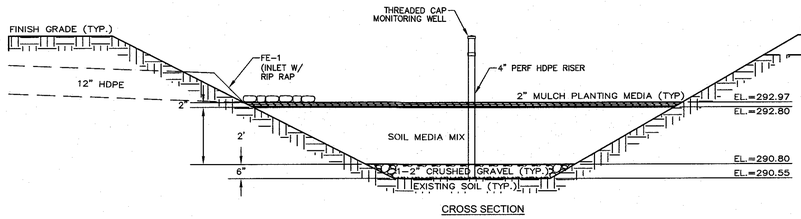
SITE PLAN
MAP SHEET 322, PARCEL 030
704 WASHINGTON STREET
FRANKLIN, MASSACHUSETTS

LEVEL DESIGN GROUP
CIVIL ENGINEERING / LAND SURVEYING
249 SOUTH STREET
UNIT 1
PLAINVILLE, MA 02762
TEL. (508) 695-2221 FAX. (508) 695-2219

TYPICAL DETAILS

C-5.0

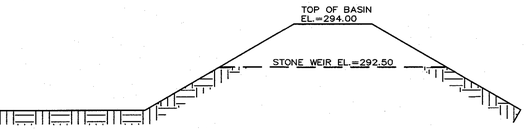
2013.00



CROSS SECTION

BIORETENTION BASIN

NOT TO SCALE



INFILTRATION BASIN

NOT TO SCALE

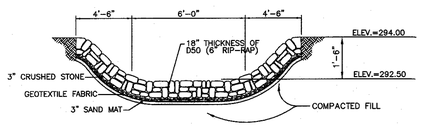
NOTES:

1. COVER THE BOTTOM OF THE EXCAVATION WITH COARSE GRAVEL, OVER PEA GRAVEL, OVER SAND. USE THE ENGINEERED SOIL MIX BELOW.

- THE SOIL MIX FOR BIORETENTION AREAS SHOULD BE A MIXTURE OF SAND COMPOST AND SOIL.
  - 40 % SAND,
  - 20-30% TOPSOIL, AND
  - 30-40% COMPOST
- THE SOIL MIX MUST BE UNIFORM, FREE OF STONES, STUMPS, ROOTS OR SIMILAR OBJECTS LARGER THAN 2 INCHES. CLAY CONTENT SHOULD NOT EXCEED 5%
- SOIL PH SHOULD GENERALLY BE BETWEEN 5.5-6.5, A RANGE THAT IS OPTIMAL FOR MICROBIAL ACTIVITY AND ADSORPTION OF NITROGEN, PHOSPHORUS, AND OTHER POLLUTANTS.
- USE SOILS WITH 1.5% TO 3% ORGANIC CONTENT AND MAXIMUM 500-PPM SOLUBLE SALTS.
- THE SAND COMPONENT SHOULD BE GRAVELLY SAND THAT MEETS ASTM D 422.

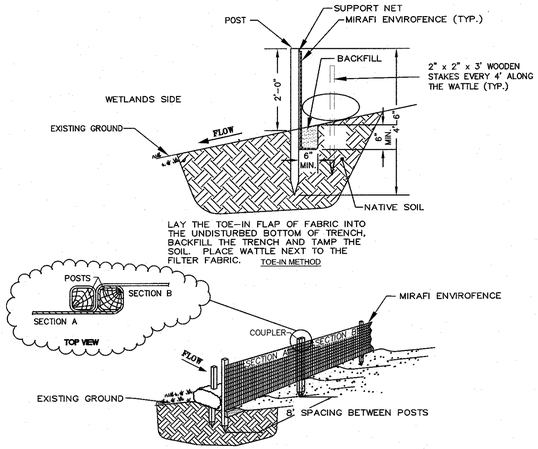
SIEVE SIZE	PERCENT PASSING
2-INCH	100
½-INCH	70-100
¼-INCH	50-80
U.S. NO. 40	15-40
U.S. NO. 200	0-3

- THE TOPSOIL COMPONENT SHALL BE A SANDY LOAM, LOAMY SAND OR LOAM TEXTURE.
- THE COMPOST COMPONENT MUST BE PROCESSED FROM YARD WASTE IN ACCORDANCE WITH MASSDEP GUIDELINES (SEE HTTP://WWW.MASS.GOV/DEP/RECYCLE/ REDUCE/LEAFGUID.DOC). THE COMPOST SHALL NOT CONTAIN BIOSOLIDS.



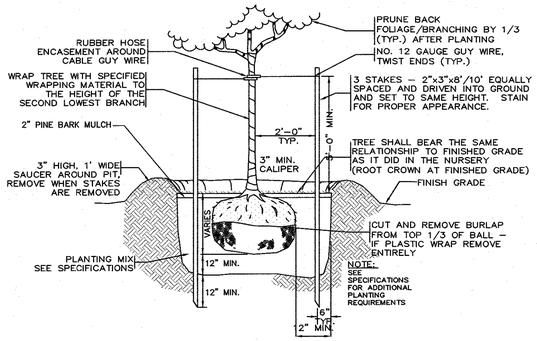
TYPICAL SECTION FOR RIP RAP EMERGENCY SPILLWAY

NOT TO SCALE



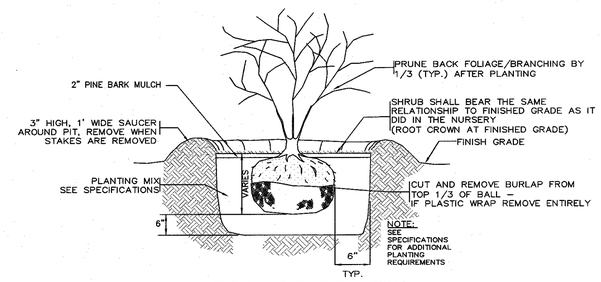
EROSION CONTROL FENCE WITH STRAW WATTLE

NOT TO SCALE



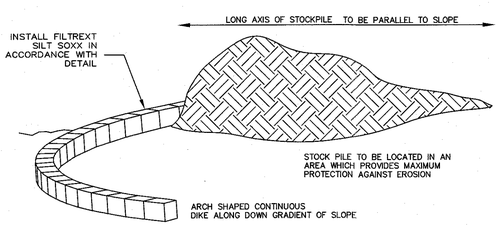
TYPICAL TREE PLANTING

NOT TO SCALE



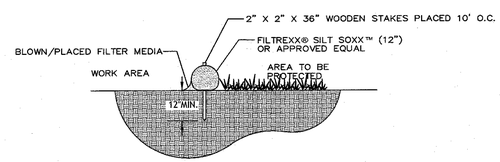
TYPICAL SHRUB PLANTING

NOT TO SCALE



TEMPORARY MATERIAL STOCKPILE

NOT TO SCALE

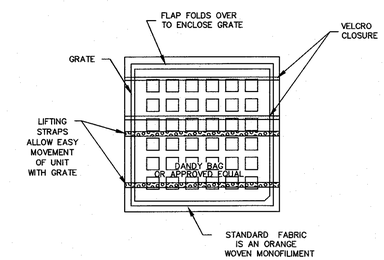


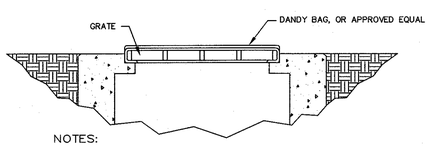
SECTION
NTS

NOTES:
1. ALL MATERIAL TO MEET FILTREXX® SPECIFICATIONS.
2. SILT SOXX™ FILL TO MEET APPLICATION REQUIREMENTS.
3. COMPOST MATERIAL TO BE DISPERSED ON SITE.

FILTREXX SILT SOXX

NOT TO SCALE





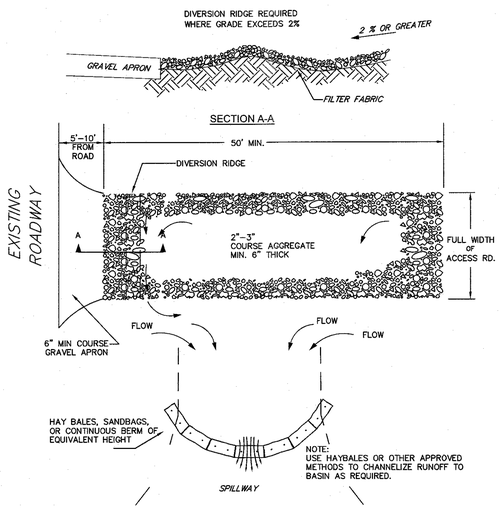
NOTES:

INSTALLATION: THE EMPTY DANDY BAG, OR APPROVED EQUAL, SHOULD BE PLACED OVER THE GRATE AS THE GRATE STANDS ON END. IF USING OPTIONAL OIL ABSORBENTS; PLACE ABSORBENT PILLOW IN POUCH, ON THE BOTTOM (BELOW-GRADE SIDE) OF THE UNIT. ATTACH ABSORBENT PILLOW TO TETHER LOOP. TUCK THE ENCLOSURE FLAP INSIDE TO COMPLETELY ENCLOSE THE GRATE. HOLDING THE LIFTING DEVICES (DO NOT RELY ON LIFTING DEVICES TO SUPPORT THE ENTIRE WEIGHT OF THE GRATE), PLACE THE GRATE INTO ITS FRAME.

MAINTENANCE: REMOVE ALL ACCUMULATED SEDIMENT AND DEBRIS FROM SURFACE AND VICINITY OF UNIT AFTER EACH STORM EVENT. REMOVE SEDIMENT THAT HAS ACCUMULATED WITHIN THE CONTAINMENT AREA OF THE DANDY BAG AS NEEDED. IF USING OPTIONAL OIL ABSORBENTS; REMOVE AND REPLACE ABSORBENT PILLOW WHEN NEAR SATURATION.

CATCH BASIN INLET PROTECTION

NOT TO SCALE



PLAN

NOTES:
1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITIONS THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.

2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.

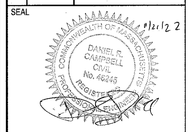
3. WHEN WASHING IS REQUIRED IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE WHICH DRAINS TO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.

TEMPORARY CONSTRUCTION ENTRANCE/EXIT DETAIL

NOT TO SCALE

NO	DATE	REVISIONS
1	7-11-22	COMMENT RESPONSE
2	9-6-22	REVISED LAYOUT
3	10-31-22	REVISED LAYOUT
4	11-21-22	REVIEW COMMENTS

SEAL



DATE :	JUNE 21, 2022
DRAWN :	APH / DRC
SCALE :	N.T.S.

AMEGO

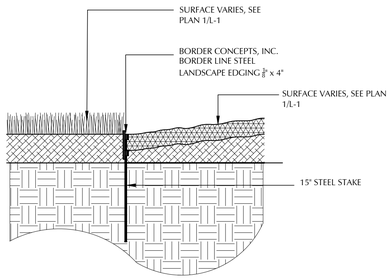
SITE PLAN
MAP SHEET 322, PARCEL 030
704 WASHINGTON STREET
FRANKLIN, MASSACHUSETTS

LEVEL DESIGN GROUP
CIVIL ENGINEERING / LAND SURVEYING
249 SOUTH STREET
UNIT 1
PLAINVILLE, MA 02762
TEL. (508) 695-2221 FAX. (508) 695-2219

TYPICAL DETAILS

C-5.1

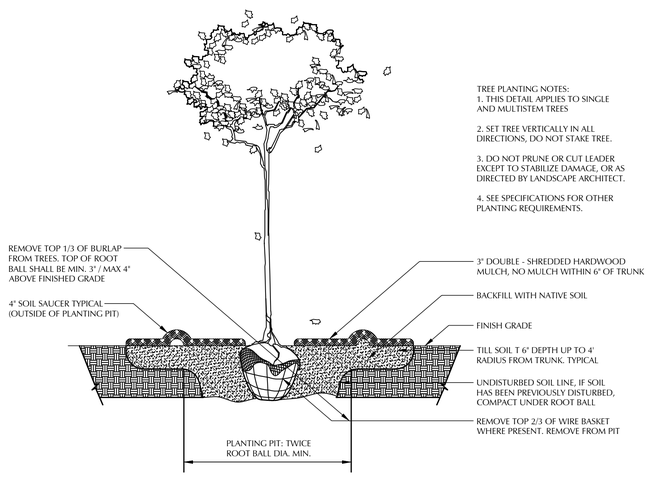
2013.00



STEEL EDGING

NOT TO SCALE

2 / L.1



TREE PLANTING NOTES:
1. THIS DETAIL APPLIES TO SINGLE AND MULTISTEM TREES

2. SET TREE VERTICALLY IN ALL DIRECTIONS, DO NOT STAKE TREE.

3. DO NOT PRUNE OR CUT LEADER EXCEPT TO STABILIZE DAMAGE, OR AS DIRECTED BY LANDSCAPE ARCHITECT.

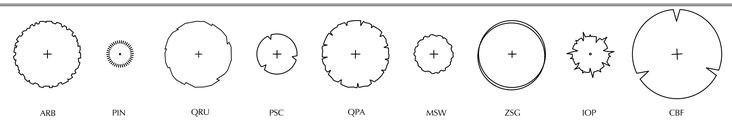
4. SEE SPECIFICATIONS FOR OTHER PLANTING REQUIREMENTS.

TREE PLANTING

NOT TO SCALE

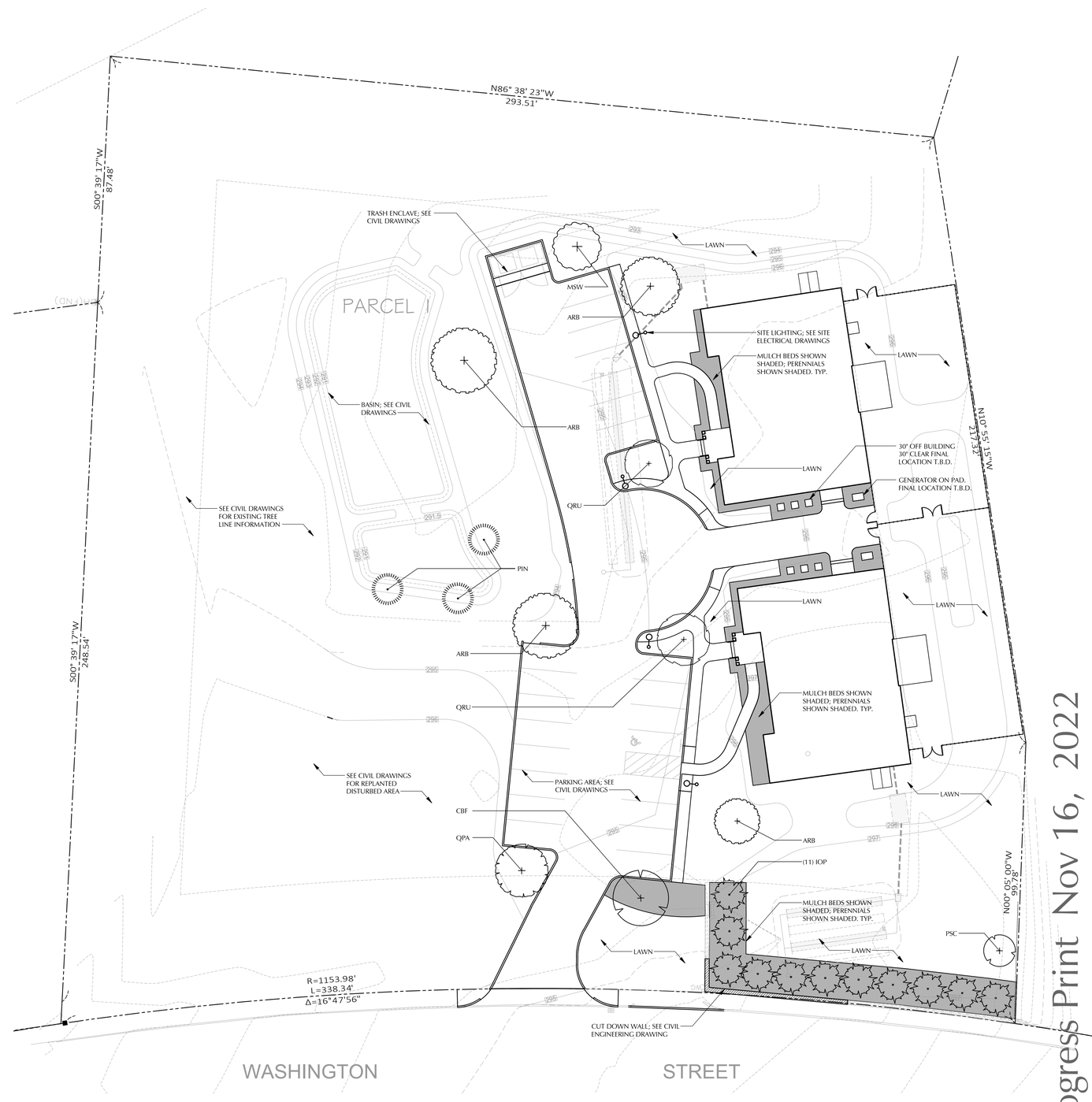
3 / L.1

PLANT SYMBOLS (NTS)



PLANTING LEGEND

SYMBOL	QTY	BOTANICAL NAME	COMMON NAME	MINIMUM SIZE	PLANT SPACING & NOTES
LARGE DECIDUOUS TREES & EVERGREENS FOR SCREENING:					
ARB	3	ACER RUBRUM '	RED SUNSET' RED SUNSET MAPLE	3" TO 3.5" CAL.	B&B, PLANT 25' ON CENTER WHERE IN GROUPS
CBF	1	CARPINUS BETULUS 'FASTIGIATA'	PYRAMIDAL EUROPEAN HORNBEAM	3" TO 3.5" CAL.	B&B, PLANT 25' ON CENTER
IOP	11	ILEX OPACA	AMERICAN HOLLY	8' TO 10' HEIGHT	B&B, PLANT 10' ON CENTER
PIN	3	PINUS STROBUS 'FASTIGIATA'	UPRIGHT WHITE PINE	6' TO 8' HEIGHT	B&B, PLANT 10' ON CENTER
QPA	1	QUERCUS PALUSTRIS	PIN OAK	3" TO 3.5" CAL.	B&B, PLANT WHERE SHOWN
QRU	2	QUERCUS RUBRA	RED OAK	3" TO 3.5" CAL.	B&B, PLANT WHERE SHOWN
SMALL ORNAMENTAL TREES:					
MSW	1	MAGNOLIA STELLATA WATERLILY'	WATERLILY STAR MAGNOLIA	2" TO 2.5" CAL.	B&B, PLANT 15' ON CENTER WHERE IN GROUPS
PSC	1	PRUNUS SARGENTII 'COLUMNARIS'	COLUMNAR SARGENT CHERRY	2" TO 2.5" CAL.	B&B, PLANT WHERE SHOWN



PLANTING PLAN

SCALE: 1'=20'-0"

1 / L.1

Progress Print Nov 16, 2022

WILLIAM J. MASIELLO ARCHITECT INC.
508-869-0597
35 HARVARD STREET STE 215
WORCESTER MASSACHUSETTS 01609
masielloarchitect.com

THESE DOCUMENTS ARE NOT FOR SHOP DRAWINGS, CONSTRUCTION OR PERMIT, INFORMATION IS INCOMPLETE AND SHOULD NOT BE ASSUMED AS ACCURATE

Project North

REPRODUCTION OF THIS DESIGN AND PLANS BY ANY MEANS WITHOUT WRITTEN PERMISSION IS A VIOLATION OF FEDERAL LAW FOR THE COPYRIGHT PROTECTION OF ART AND ARCHITECTURE

THE ARCHITECT MAINTAINS RIGHTS TO THE CREATION OF THIS DESIGN. ILLEGAL COPIES AND REPRODUCTIONS OF THE PLANS IS PUNISHABLE BY FEDERAL LAWS.

DATE	

PROJECT: NEW PROJECT FOR:

AMEGO ADULT HOMES

704 WASHINGTON STREET
FRANKLIN, MA.

PLANTING PLAN

L 1.0

DRAWN BY: -
CHECKED BY: -
SCALE: 1" = 20'-0"