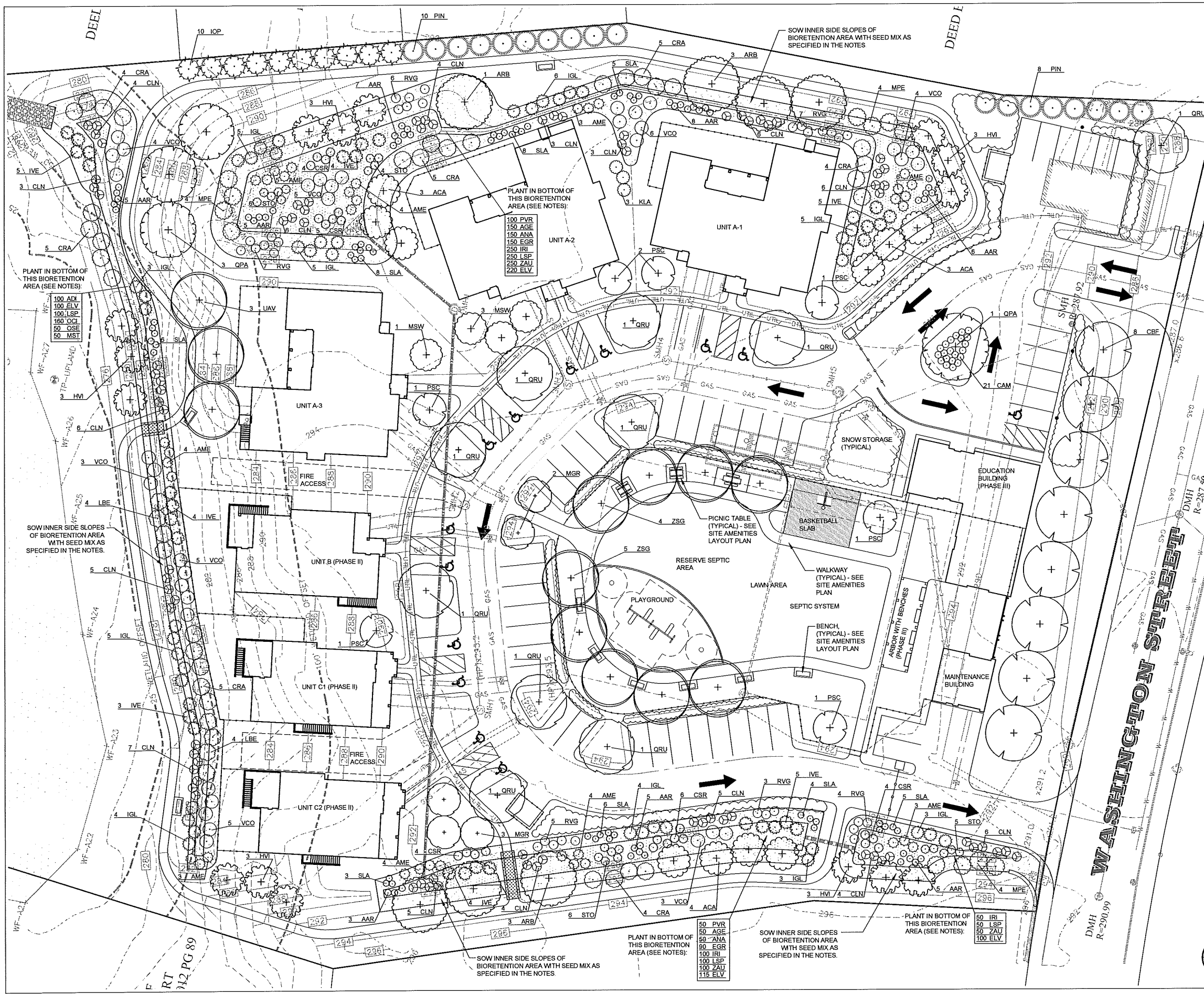


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earthdesign
LANDSCAPE ARCHITECTURE
WORCESTER, MA • 508.852.2644

APPLICANT: AMCO, INC. ATLEBORO, MA 02703	OWNER: MARY + JAMES HESSON 7410 BUCKLIN TRAIL NORTH JACKSONVILLE, FL 32202
SITE PLAN OF LAND IN FRANKLIN, MASSACHUSETTS WASHINGTON STREET	
TOWN OF FRANKLIN TOWN CLERK	
QUINN ENGINEERING, INC. P.O. Box 107 Paxton, Massachusetts 01612 (508)753-7999 Fax:(508)795-0939	
DATE: FEBRUARY 1, 2019	
SITE AMENITIES LAYOUT PLAN	
SHEET L-1	
NO.	REVISION
DATE	



NOTES:

- 1) SEE SHEET L-3 FOR PLANT SCHEDULE & DETAILS, AND L-5 FOR TECHNICAL NOTES.
- 2) PLANT SPECIES, CULTIVARS, SIZES, AND LOCATIONS SHALL NOT BE CHANGED EXCEPT BY PERMISSION OF THE LANDSCAPE ARCHITECT. CONTRACTOR SHALL CHECK PLANT MATERIAL FROM NURSERIES BEFORE ACCEPTING PLANTS, TO MAKE SURE THERE ARE NO UNAUTHORIZED SUBSTITUTIONS. ALTERNATE CULTIVARS OF THE SAME SPECIES SHALL NOT BE SUBSTITUTED WITHOUT LANDSCAPE ARCHITECT'S APPROVAL.
- 3) PERENNIAL PLUGS THAT ARE TO BE PLANTED IN BOTTOMS OF BIORETENTION BASINS SHALL BE PLANTED IN GROUPS, WITH A MINIMUM OF THREE DIFFERENT SPECIES GROUPS PER 50 SQUARE FEET. PLUGS SHALL BE PLANTED IN SPACES BETWEEN SHRUB ROOT BALLS. ALL PLUGS SHALL BE OBTAINED FROM NEW ENGLAND WETLAND PLANTS, AMHERST, MA. FOR ADDITIONAL REQUIREMENTS, INCLUDING SPACING, SEE PLANT SCHEDULE ON SHEET L-3.
- 4) INNER SLOPES OF BIORETENTION BASINS SHALL BE SOWN WITH "NEW ENGLAND EROSION CONTROL/RESTORATION MIX FOR DETENTION BASINS AND MOIST SITES" FROM NEW ENGLAND WETLAND PLANTS, AMHERST, MA. SOW IN ACCORDANCE WITH SUPPLIER'S INSTRUCTIONS.
- 5) ALL AREAS TO RECEIVE SEED AND PLANTINGS SHALL FIRST RECEIVE LOAM AS SPECIFIED ON SHEET L-5.
- 6) ALL BARE SOIL AREAS THAT ARE NOT SHOWN AS PLANT BEDS AND BIORETENTION AREAS SHALL BE SOWN WITH TURFGRASS SEED AS SPECIFIED ON SHEET L-5.

LEGEND:

- NOTE: NOT ALL SYMBOLS USED ARE INCLUDED IN THIS LEGEND. (THESE ARE JUST EXAMPLES.)
- PROPOSED SHRUBS
 - PROPOSED EVERGREEN SCREENING PLANTS
 - PROPOSED SMALL ORNAMENTAL TREES
 - PROPOSED LARGE DECIDUOUS TREES



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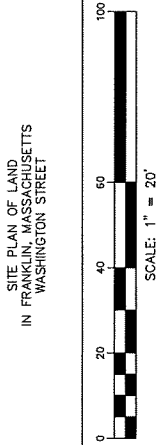


DATE	REVISION	NO.



APPLICANT:
AMCO, INC.
33 PERRINE AVE
ATLANTIC, MA 02703

OWNER:
MARY + JAMES HESSON
MARGHERITA RIVER NORTH
JACKSONVILLE, FL 32202



SITE PLAN OF LAND
IN FRONTSSETS
WASHINGTON STREET

**QUINN
ENGINEERING, INC.**
P.O. Box 107
Paxton, Massachusetts 01612
(508)753-7999 Fax:(508)795-0939

DATE: FEBRUARY 1,
2019

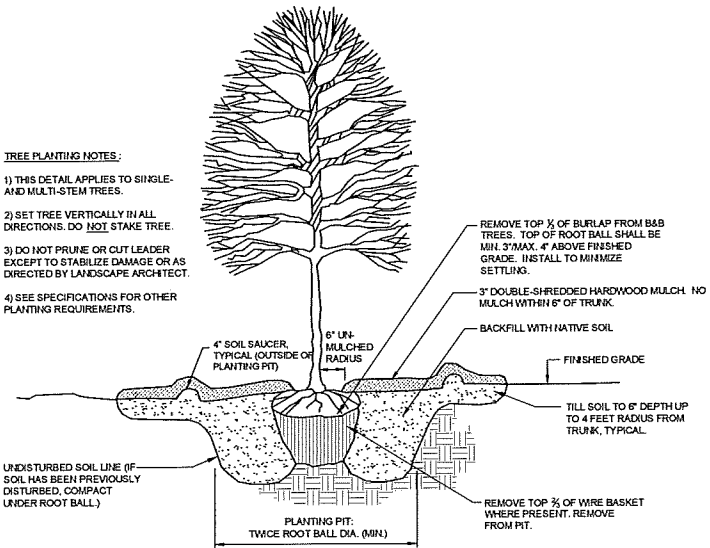
LANDSCAPE PLAN

SHEET L-2

PLANT SCHEDULE					
SYMBOL	QTY.	BOTANICAL NAME	COMMON NAME	MINIMUM SIZE	PLANT SPACING & NOTES
LARGE DECIDUOUS TREES & EVERGREENS FOR SCREENING:					
ARB	7	ACER RUBRUM 'RED SUNSET'	RED SUNSET MAPLE	2" TO 2.5" CAL	B&B, PLANT 25' ON CENTER WHERE IN GROUPS
CBF	8	CARPINUS BETULUS 'FASTIGIATA'	PYRAMIDAL EUROPEAN HORNBEAM	2" TO 2.5" CAL	B&B, PLANT 25' ON CENTER
IOP	10	ILEX OPACA	AMERICAN HOLLY	6 TO 8' HEIGHT	B&B, PLANT 10' ON CENTER
PIN	18	PINUS STROBUS 'FASTIGIATA'	UPRIGHT WHITE PINE	6 TO 8' HEIGHT	B&B, PLANT 10' ON CENTER
QPA	4	QUERCUS PALUSTRIS	PIN OAK	2" TO 2.5" CAL	B&B, PLANT 25' ON CENTER WHERE IN GROUPS
QRU	10	QUERCUS RUBRA	RED OAK	2" TO 2.5" CAL	B&B, PLANT WHERE SHOWN
UAV	3	ULMUS AMERICANA 'VALLEY FORGE'	VALLEY FORGE ELM	2" TO 2.5" CAL	B&B, PLANT 25' ON CENTER
ZSG	9	ZELKOVA SERRATA 'GREEN VASE'	GREEN VASE ZELKOVA	2" TO 2.5" CAL	B&B, PLANT 25' ON CENTER
SMALL ORNAMENTAL TREES:					
ACA	10	AMELANCHIER CANADENSIS	SHADBLOW SERVICEBERRY	1.5" TO 2" CAL	B&B, MULTI-STEM, PLANT 15' ON CENTER, AND FURTHER APART WHERE SHOWN.
HVI	15	HAMAMELIS VIRGINIANA	COMMON WITCH-HAZEL	1.5" TO 2" CAL	B&B, PLANT 15' ON CENTER, AND FURTHER APART WHERE SHOWN
MGR	5	MALUS 'GOLDEN RAINDROPS'	GOLDEN RAINDROPS CRABAPPLE	1.5" TO 2" CAL	B&B, PLANT 15' ON CENTER WHERE IN GROUPS
MSW	4	MAGNOLIA STELLATA 'WATERLILY'	WATERLILY STAR MAGNOLIA	1.5" TO 2" CAL	B&B, PLANT 15' ON CENTER WHERE IN GROUPS
PSC	7	PRUNUS SARGENTII 'COLUMNARIS'	COLUMNAR SARGENT CHERRY	1.5" TO 2" CAL	B&B, PLANT WHERE SHOWN
SHRUBS:					
AAR	44	ARONIA ARBUTIFOLIA	RED CHOKEBERRY	18" TO 24" HEIGHT	PLANT 3' ON CENTER, AND FURTHER APART WHERE SHOWN
AME	36	ARONIA MELANOCARPA	BLACK CHOKEBERRY	18" TO 24" HEIGHT	PLANT 5' ON CENTER, AND FURTHER APART WHERE SHOWN
CAM	21	CEANOTHUS AMERICANUS	NEW JERSEY TEA	18" TO 24" HEIGHT	PLANT 3' ON CENTER
CLN	77	CLETHRA ALNIFOLIA	SWEET PEPPERBUSH	18" TO 24" HEIGHT	PLANT 4' ON CENTER, AND FURTHER APART WHERE SHOWN
CRA	32	CORNUS (SWIDA) RACEMOSA	GRAY DOGWOOD	18" TO 24" HEIGHT	PLANT 8' ON CENTER, AND FURTHER APART WHERE SHOWN
CSR	23	CORNUS (SWIDA) SERICEA	REDOSIER DOGWOOD	18" TO 24" HEIGHT	PLANT 4' ON CENTER, AND FURTHER APART WHERE SHOWN
IGL	43	ILEX GLABRA	INKBERRY	18" TO 24" HEIGHT	PLANT 6' ON CENTER, AND FURTHER APART WHERE SHOWN
IVE	30	ILEX VERTICILATA	WINTERBERRY HOLLY	18" TO 24" HEIGHT	PLANT 6' ON CENTER, AND FURTHER APART WHERE SHOWN
KLA	3	KALMIA LATIFOLIA	MOUNTAIN LAUREL	3' TO 4' HEIGHT	PLANT 6' ON CENTER
LBE	8	LINDERA BENZOIN	COMMON SPICEBUSH	18" TO 24" HEIGHT	PLANT 8' ON CENTER, AND FURTHER APART WHERE SHOWN
MPE	12	MORELLA (MYRICA) PENNSYLVANICA	BAYBERRY	18" TO 24" HEIGHT	PLANT 8' ON CENTER, AND FURTHER APART WHERE SHOWN
RVG	32	ROSA VIRGINIANA	VIRGINIA ROSE	18" TO 24" HEIGHT	PLANT 4' ON CENTER, AND FURTHER APART WHERE SHOWN
SLA	45	SPIRAEA ALBA VAR. LATIFOLIA	MEADOWSWEET	18" TO 24" HEIGHT	PLANT 3' ON CENTER, AND FURTHER APART WHERE SHOWN
STO	21	SPIRAEA TOMENTOSA	STEEPLEBUSH	18" TO 24" HEIGHT	PLANT 4' ON CENTER, AND FURTHER APART WHERE SHOWN
VCO	35	VACCINIUM CORYMBOSUM	HIGHBUSH BLUEBERRY	18" TO 24" HEIGHT	PLANT 6' ON CENTER, AND FURTHER APART WHERE SHOWN
HERBACEOUS PLANTS					
AGE	200	ANDROPOGON GERARDII	BIG BLUESTEM	2" PLUG	PLANT 2' ON CENTER
ADI	100	ASTER DIVARICATUS	WHITE WOOD ASTER	2" PLUG	PLANT 2' ON CENTER
ANA	200	ASTER NOVAE-ANGLIAE	NEW ENGLAND ASTER	2" PLUG	PLANT 2' ON CENTER
EGR	240	EUTHAMIA GRAMINIFOLIA	GRASS-LEAVED GOLDENROD	2" PLUG	PLANT 2' ON CENTER
ELV	535	ELYMUS VIRGINICUS	VIRGINIA WLD RYE	2" PLUG	PLANT 18" ON CENTER
IRI	400	IRIS VERSICOLOR	BLUE FLAG IRIS	2" PLUG	PLANT 18" ON CENTER
LSP	500	LIATRIS SPICATA	MARSH BLAZING STAR	2" PLUG	PLANT 18" ON CENTER
MST	50	MATTEUCCIA STRUTHOPTERIS	OSTRICH FERN	# 1 POT	PLANT 2' ON CENTER
OCI	160	OSMUNDA CINNAMOMEA	CINNAMON FERN	# 1 POT	PLANT 18" ON CENTER
OSE	50	ONOCLEA SENSIBILIS	SENSITIVE FERN	# 1 POT	PLANT 2' ON CENTER
PVR	150	PANICUM VIRGATUM	SWTCHGRASS	2" PLUG	PLANT 2' ON CENTER
ZAU	400	ZIZIA AUREA	GOLDEN ALEXANDERS	2" PLUG	PLANT 18" ON CENTER

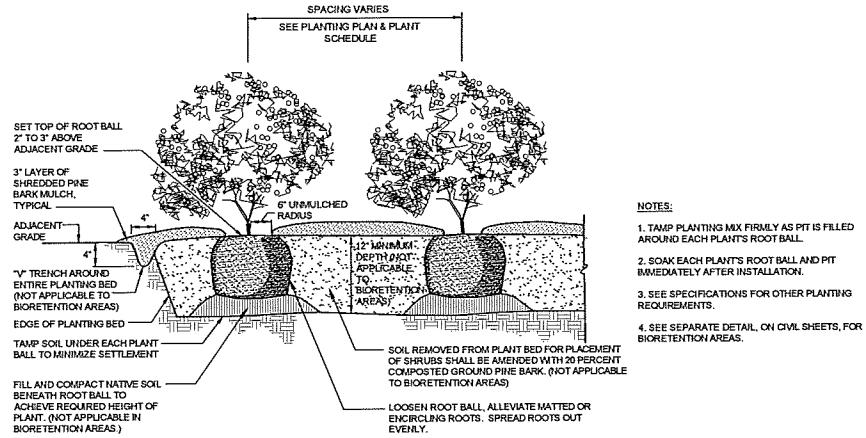
NOTES:

1. PLANT SPECIES, CULTIVARS, SIZES, AND LOCATIONS SHALL NOT BE CHANGED EXCEPT BY PERMISSION OF THE LANDSCAPE ARCHITECT. THE CONTRACTOR SHALL CHECK PLANT MATERIAL FROM NURSERIES BEFORE ACCEPTING PLANTS, TO MAKE SURE THERE ARE NO UNAUTHORIZED SUBSTITUTES. ALTERNATE CULTIVARS OF THE SAME SPECIES SHALL NOT BE SUBSTITUTED WITHOUT LANDSCAPE ARCHITECT'S APPROVAL.
2. ALL HERBACEOUS MATERIAL SHALL BE OBTAINED FROM NEW ENGLAND WETLAND PLANTS, AMHERST, MA. (NOTE TO TOWN OF FRANKLIN: ALTHOUGH SEVERAL OF THESE SPECIES AREN'T INCLUDED IN THE BEST DEVELOPMENT PRACTICES GUIDEBOOK'S PLANT LIST, THESE ARE APPROPRIATE FOR BIORETENTION AREAS SINCE THEY TOLERATE BOTH TEMPORARY WATER INUNDATION AND DRY CONDITIONS, AND ARE NATIVE PLANTS.)
3. ALL SHRUBS THAT ARE LOCATED IN BIORETENTION AREAS SHALL BE OBTAINED FROM NEW ENGLAND WETLAND PLANTS, AMHERST, MA. (NOTE TO TOWN OF FRANKLIN: ALTHOUGH MORELLA PENNSYVANICA IS NOT INCLUDED IN THE BEST DEVELOPMENT PRACTICES GUIDEBOOK'S PLANT LIST, IT IS CLOSELY RELATED TO MORELLA CAROLINIENSIS AND IS NATIVE TO THIS REGION. IT IS ALSO APPROPRIATE FOR BIORETENTION AREAS, AS IT CAN TOLERATE BOTH TEMPORARY INUNDATION AND DRY CONDITIONS.)



TREE PLANTING

N.T.S.



SHRUB & POTTED PERENNIAL PLANTING

N.T.S.



DATE

REVISION

NO.



ALICE W. WEBB, L.A. #1404

APPLICANT:
AMECO, INC.
131 PARK AVE
ATLANTA, GA 30303

OWNER:
MARY + JAMES HESSON
7400 BECKMAN TRAIL NORTH
JACKSONVILLE, FL 32222

SITE PLAN OF LAND
IN FRANKLIN, MASSACHUSETTS
WASHINGTON STREET

SCALE: NONE

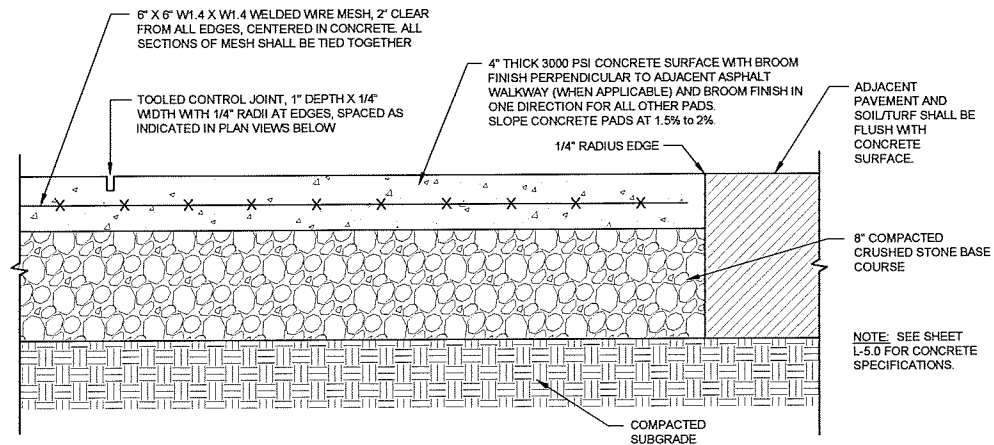
QUINN
ENGINEERING, INC.
P.O. Box 107
Paxton, Massachusetts 01612
(508)753-7999 Fax:(508)795-0939

DATE: FEBRUARY 1,
2019

LANDSCAPE
SCHEDULE & DETAILS

SHEET L-3

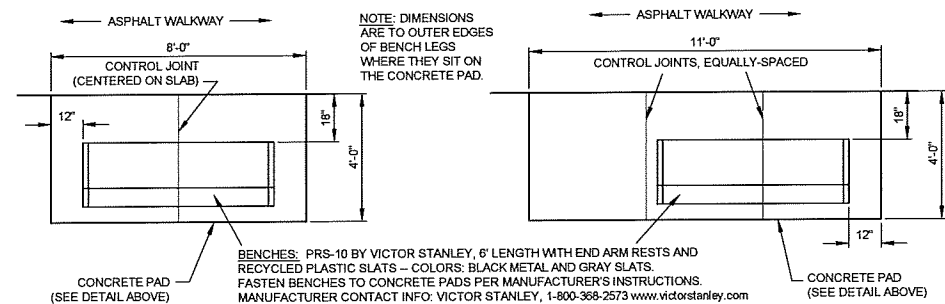




PORTLAND CEMENT CONCRETE PAVEMENT - FOR BENCH & PICNIC TABLE PADS

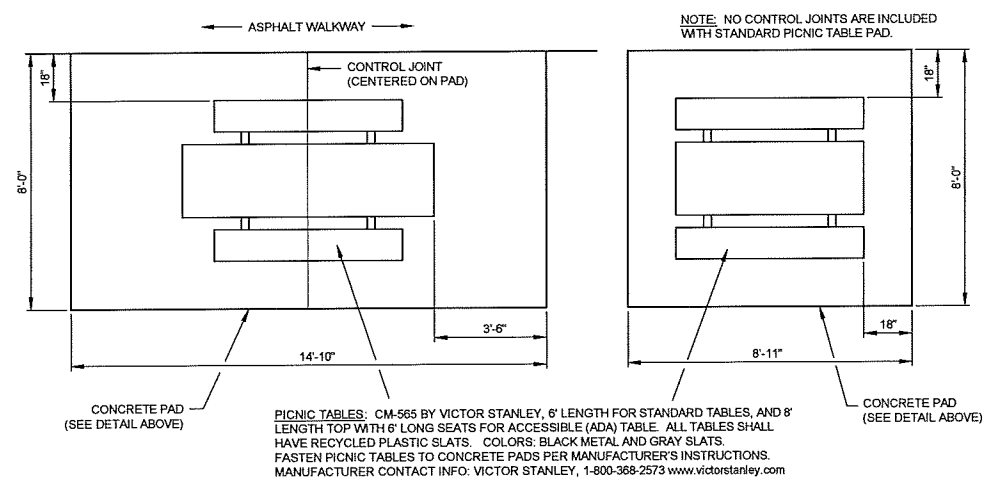
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BENCH ON STANDARD PAD

BENCH ON ACCESSIBLE (ADA) PAD



ADA PICNIC TABLE ON ACCESSIBLE PAD

STANDARD PICNIC TABLE ON PAD

BENCHES AND PICNIC TABLES ON CONCRETE PADS

PLAN VIEW

NOT TO SCALE



NO.	REVISION	DATE



APPLICANT:
AMECO, INC.
151 FIVE HILLS RD.
ATLEBORO, MA 02703

OWNER:
MARY + JAMES HESSON
7410 BUCKLIN TRAIL NORTH
JACKSONVILLE, FL 32202

SITE PLAN OF LAND
IN FRANKLIN, MASSACHUSETTS
WASHINGTON STREET

SCALE: NONE

QUINN
ENGINEERING, INC.
P.O. Box 107
Paxton, Massachusetts 01612
(508)753-7999 Fax:(508)795-0939

DATE: FEBRUARY 1, 2019

SITE AMENITY
DETAILS

SHEET L-4



1) **SCOPE OF WORK:** THE WORK COVERED BY THIS SPECIFICATION CONSISTS OF THE SUBGRADE PREPARATION, BASE COURSE, FORM WORK, REINFORCEMENT, JOINTING, PLACING AND FINISHING AND CURING OF CONCRETE WORK. ITEMS INCLUDED ARE CONCRETE PADS FOR BENCHES AND PICNIC TABLES.

AASHTO: AMERICAN ASSOCIATION OF STATE HIGHWAY AND
TRANSPORTATION OFFICIALS.

AWS: AMERICAN WELDING SOCIETY
PS: U. S. PRODUCT STANDARDS

3) PORTLAND CEMENT CONCRETE: STANDARD WEIGHT, READY MIXED CONCRETE CONFORMING TO ASTM C947/3A AND HAVING THE FOLLOWING PROPERTIES:

A) MAXIMUM SIZE AGGREGATE OF 3/4 INCH

F) WATER USED SHALL BE CLEAN AND FREE FROM OIL, SALT, ACID, ALKALI, ORGANIC MATTER, OR OTHER SUBSTANCES INJURIOUS TO THE FINISHED PRODUCT.

4) **WELDED WIRE MESH:** ELECTRICALLY WELDED WIRE FABRIC OR COLD DRAWN WIRE OF GAUGE AND SPACING SHOWN ON THE DRAWINGS, CONFORMING TO "SPECIFICATIONS FOR WELDED STEEL FABRIC FOR CONCRETE REINFORCEMENT", ASTM A-185-70. WELDED WIRE FABRIC SHALL BE FURNISHED IN MATS AND NOT IN ROLLS.

6) **FORMS:** FORMS SHALL BE OF EITHER WOOD OR STEEL OF SIZE AND STRENGTH TO RESIST MOVEMENT DURING CONCRETE PLACEMENT AND TO RETAIN HORIZONTAL AND VERTICAL ALIGNMENT UNTIL REMOVAL. FORMS SHALL BE STRAIGHT AND FREE OF DISTORTION AND DEFECTS. BENT, TWISTING, SPLIT OR DEFECTIVE MATERIALS WILL NOT BE PERMITTED.

A) THE SUBGRADE SHALL BE SHAPED TO THE LINES AND GRADES ESTABLISHED BY THE DRAWINGS. ALL BOULDERS AND ALL VEGETATIVE MATTER SHALL BE REMOVED AND REPLACED WITH SUITABLE MATERIAL. SUITABLE MATERIAL SHALL COME FROM SOURCES APPROVED BY THE OWNER'S REPRESENTATIVE. THE TOP SIX (6) INCHES OF SUBGRADE, IN AREAS WITHOUT FILL, SHALL BE COMPACTED AS CLOSE AS POSSIBLE TO 100 PERCENT MAXIMUM DRY DENSITY AS DETERMINED BY AASHTO METHOD T99. FOR

57. THE SUBGRADE SHALL BE PREPARED BY THE METHOD NOTED ABOVE. THE CONTRACTOR SHALL DRY OR ADD MOISTURE TO THE SUBGRADE WHEN REQUIRED TO PROVIDE A UNIFORMLY COMPACTED AND ACCEPTABLE SUBGRADE.

10) JOINTS: PROVIDE CONTROL JOINTS IN ACCORDANCE WITH THE DRAWINGS.

A) PREPARATION BEFORE PLACING:

(1) NO CONCRETE SHALL BE PLACED UNTIL FORMS AND SUBGRADES HAVE BEEN INSPECTED BY THE OWNER'S REPRESENTATIVE.

(3) PROVIDE RUNWAYS AND ACCESS TO AREAS TO BE PLACED WHICH WILL PROTECT FORMS AND REINFORCEMENT FROM DISPLACEMENT.

(4) PLACE CONCRETE ON A FIRM, DRY SUBGRADE. IN NO CASE PLACE CONCRETE ON FROZEN SUBGRADE.

C) DEPOSITING:

(3) DEPOSIT CONCRETE AT A RATE SO THAT CONCRETE IS PLASTIC AT ALL TIMES, AND IS BEING INTEGRATED WITH CONCRETE THAT IS STILL PLASTIC. DEPOSIT CONTINUOUSLY UNTIL CONCRETE WORK BETWEEN CONSTRUCTION JOINTS IS COMPLETE.

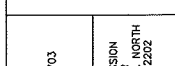
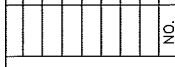
(7) VIBRATORS MAY BE USED PROVIDED THEY ARE USED BY EXPERIENCED OPERATORS, AND PROVIDED FORMS HAVE BEEN DESIGNED AGAINST DEFLECTION AND DISPLACEMENT BY VIBRATED CONCRETE.

OF DRY CEMENT AND SAND, IS NOT PERMITTED. BEGIN FLOATING WHEN WATER SHEEN HAS DISAPPEARED, AND/OR MIX HAS STIFFENED SUFFICIENTLY TO PERMIT THE OPERATION OF POWER-DRIVEN FLOATS. CHECK AND LEVEL SURFACE LANE TO A TOLERANCE NOT EXCEEDING 1/4 INCH IN 10 FEET WHEN TESTED WITH A 10-FOOT STRAIGHTEDGE. CUT DOWN HIGH SPOTS AND FILL LOW SPOTS. UNIFORMLY SLOPE SURFACES. IMMEDIATELY AFTER TROWEL FINISHING, SLIGHTLY ROUGHEN CONCRETE SURFACE BY BRUSHING WITH FIBER BRISTLE BROOM PERPENDICULAR TO MAIN DIRECTION OF PEDESTRIAN TRAFFIC, OR IN ACCORDANCE WITH THE DRAWINGS.


14) REMOVAL OF FORMS: AFTER A MINIMUM OF 24 HOURS REMOVE FORMS CAREFULLY. DO NOT DAMAGE FACE OF CONCRETE OR CHIP TOOLED EDGE.

PATCHED WITH NEAT CEMENT GROUT. PROPRIETARY PATCHING COMPOUNDS MAY BE USED WHEN ACCEPTABLE TO THE OWNER'S REPRESENTATIVE. REMOVE AND REPLACE CONCRETE HAVING DEFECTIVE SURFACES IF DEFECTS CANNOT BE REPAIRED TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE.

CONCRETE AS DIRECTED BY THE OWNER'S REPRESENTATIVE AND THESE SPECIFICATIONS.



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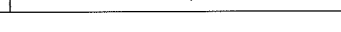


IN

QUINN
ENGINEERING, INC.
P.O. Box 107
Paxton, Massachusetts 01612
(508)753-7999 Fax:(508)795-0939

TECHNICAL NOTES

SHEET 2 OF 3



N/F
SEIFERT
DEED BK 19012 PG 89

N/F
LAJERO
DEED BK 25367 PG 410

SHEPHERD ENGINEERING, INC.
ELECTRICAL CONSULTANTS
1308 CRAFTON STREET
WORCESTER, MASSACHUSETTS 01604
PHONE: (508) 757-7793 • FAX: (508) 753-2309
REFERENCE NO.: 19033



TOWN OF FRANKLIN
TOWN CLERK

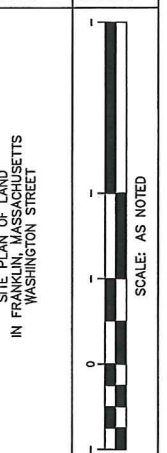
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NO.
KEVIN J. QUINN CIVIL 133922

APPLICANT:
SHEPHERD ENGINEERING, INC.
33 PERRY AVE
ATTLEBORO, MA 02703
OWNER: JAMES HESSON
MARGHERITA RAMER
7410 BUCKLIN TRAIL NORTH
JACKSONVILLE, FL 32202

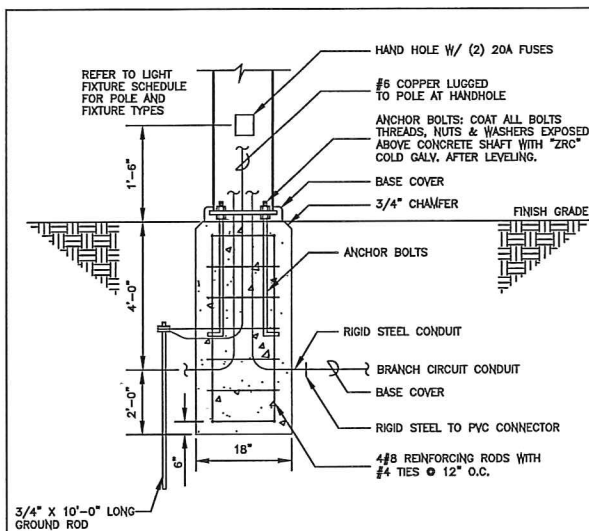


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ENGINEERING, INC.
P.O. Box 107
Paxton, Massachusetts 01612
(508)753-7999 Fax:(508)795-0939

DATE: FEBRUARY 1,
2019

SITE PLAN- LIGHTING

ES.1



FLUSH MOUNTED CONCRETE BASE POLE DETAIL
NOT TO SCALE

THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE
FOR TRENCHING, BACK FILL, PAVING, CONCRETE
ENCASEMENT, ELECTRICAL CONTRACTOR TO INSTALL
CONDUITS, SPACERS, ETC.

LIGHTING FIXTURE SCHEDULE						
TYPE	MANUFACTURER	CATALOGUE #	LAMPING		MOUNTING	REMARKS
			TYPE	WATTAGE		
AA	INVEE LIGHTING	ECM-E02-LED-E1-SL3-VA6154-XX	LED	52W	POLE	
BB	INVEE LIGHTING	ECM-E02-LED-E1-SL3-HSS-VA6154-XX	LED	52W	POLE	
CC	INVEE LIGHTING	ECM-E02-LED-E1-SL4-VA6154-XX	LED	52W	POLE	
POLE	ULS	RSA-4121				4" O.D. ROUND 12'-0" POLE MOUNTED ON FLUSH BASE

WASHINGTON STREET

SITE PLAN- LIGHTING
Scale: 1"=20'-0"

RECEIVED

FEB 4 2019

PLANNING DEPT.

N/F
SEIFERT
DEED BK 19012 PG 89

N/F
LAJERO
DEED BK 25367 PG 410

SHEPHERD ENGINEERING, INC.
ELECTRICAL CONSULTANTS
1508 OXFORD STREET
WORCESTER, MASSACHUSETTS 01604
PHONE: (508) 757-7783 • FAX: (508) 753-2399
REFERENCE NO.: 19033



N/
FRAS
DEED BK 31

NO. REVISION DATE

KEVIN J. QUINN CIVIL #3922

APPLICANT:
AS FURNISHED
ATLANTIC, MA 02703
OWNER:
JAMES JESSON
MARGHERITA RAMER
7410 BUCKLIN TRAIL NORTH
JACKSONVILLE, FL 32202

SITE PLAN OF LAND
IN FRANKLIN, MASSACHUSETTS
WASHINGTON STREET

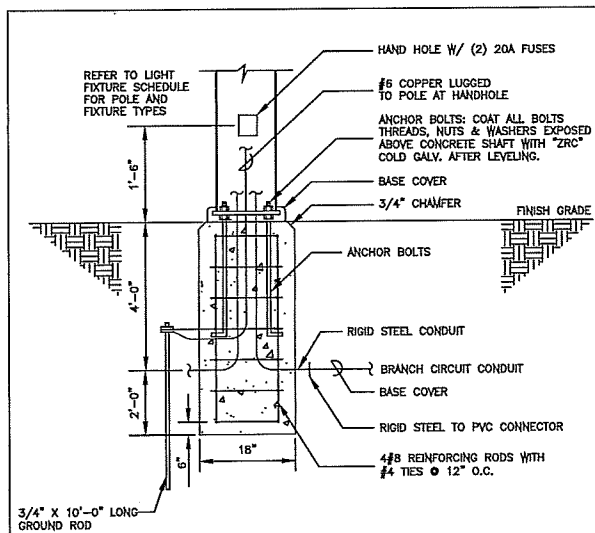
SCALE: AS NOTED

**QUINN
ENGINEERING, INC.**
P.O. Box 107
Paxton, Massachusetts 01612
(508) 753-7999 Fax: (508) 795-0959

DATE: FEBRUARY 1,
2019

SITE PLAN -
PHOTOMETRIC
LIGHTING

ES.2



FLUSH MOUNTED CONCRETE BASE POLE DETAIL
NOT TO SCALE

THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE
FOR TRENCHING, BACK FILL, PAVING, CONCRETE
ENCASMENT, ELECTRICAL CONTRACTOR TO INSTALL
CONDUITS, SPACERS, ETC.

LIGHTING FIXTURE SCHEDULE						
TYPE	MANUFACTURER	CATALOGUE #	TYPE	WATTAGE	QUANTITY	REMARKS
AA	INVAE LIGHTING	ECM-E02-LED-E1-SL3-VAS164-XX	LED	52W		POLE
BB	INVAE LIGHTING	ECM-E02-LED-E1-SL3-HSS-VAS164-XX	LED	52W		POLE
CC	INVAE LIGHTING	ECM-E02-LED-E1-SL4-VAS164-XX	LED	52W		POLE
POLE	ULS	RSA-4121				4\" O.D. ROUND 12\"-0\" POLE MOUNTED ON FLUSH BASE

WASHINGTON STREET

SITE PLAN- PHOTOMETRIC LIGHTING

Scale: 1\"=20'-0\"