

				n of Laconia Zone 4 - S	- See Specification, G										
OD/II IMIII	Turium out L	1100 111					_	f Growth	Lustern						
Photo	Туре	Sym	Qty	Common Name	Botanical Name	Hardiness Zone	Height	Spread	Sun Exposure	Drought Tolerant	Native New England	Toxicity	Installed Size	Туре	Use
	Deciduous Flowering Shrubs	AWS	12	Blue Wild Indigo	Baptisia Australis	4-9	3-5'	3-5'	Full- Partial Sun	YES	YES	1	3 Gal	CTN	NA
	Evergreen Low Ground Cover	CIH	28	Weigela	Weigela	4-8	3-5'	3-5'	Full- Partial Sun	YES	NO	NO	3 Gal	CTN	NA
	Deciduous Large Tree	CRC	18	Canada Red Choke Cherry	Prunus virginia 'Canada Red'	2-9	20-25'	15-20'	Sun Partial Shade	YES	NO	1	3"-3 1/2" cal 10-12ft	B&B	Street Tree
	Evergreen Low Ground Cover	DJC	62	Moss Creeping Phlox	Phlox Subulata	3-9	6-12"	24"	Full Sun	YES	YES	NO	3 Gal	CTN	NA
	Grasses	FRG	36	Feather Reed Grass	Calamagrostis 'x' acutiflora 'Karl Foerster'	4-9	18-24"	4-6'	Full Sun	YES	NO	NO	3 Gal	CTN	NA
	Perennial	HCL	8	Hidecoat Lavendar	Lavandula angustifolia	5-9	18-24"	18-24"	Full Sun	YES	NO	4	1 yr. potted	1 gal.	NA
	Deciduous Large Tree	HLT	6	Yellow Imperial Thornless Honey Locust	Gleditsia triacanthos var. inermis 'Shademaster'	3-9	30-70'	30-70'	Full Sun	YES	YES	1 to horses only	3"-3 1/2" cal 10-12ft	B&B	Street Tree
	Evergreen Low Ground Cover	JAP	23	Juniper Andorra	(J. Horizontalis 'Plumosa')	5-9	18"	4'	Full- Partial Sun	YES	YES	2	5 Gal 18"-24"	CTN	NA
	Deciduous Large Tree	PEH	13	American Hornbeam	Carpinus Caroliniana	3-9	20'-35'	20'-30'	Partial Sun	NO	YES	2	3"-3 1/2" cal 10-12ft	B&B	Street Tree
	Deciduous Large Tree	RMW	6	Walter Columnar Red Maple	Acer Rubrum Walter Columnar	3-9	60'	4-8'	Full Sun	YES	YES	2	3"-3 1/2" cal 10-12ft	B&B	Accent Street Tree
	Seed Lawns	SFL	TBD	Wildflower	Northeast Wildflower Seed mix by American Meadows, Sku # AM016988 1lb/1500sf @ 26.95\$/lb		24"	NA	Full Sun	YES	YES	NO	Seed Mix	-	NA
	Deciduous Large Tree	SWT	8	Sourwood Tree	Oxydendrum arboreum	5-9	25-30'	20'	Full Sun	YES	YES	2	3"-3 1/2" cal 10-12ft	B&B	Street Tree
	Deciduous Large Tree	TPT	4	Tulip Poplar Tree	Liriodendron tulipfera	4-9	70'	30-40'	Full Sun	NO	YES	3 to pets only	3"-3 1/2" cal 10-12ft	B&B	Street Tree
	Deciduous Flowering Shrubs	WAS	15	Tick Seed	Coreopsis 'Lightning Bug'	4-10	12"	15"	Full Sun	YES	YES	NO	3 Gal	CTN	NA
	Evergreen Low Ground Cover	WBH	24	Wintergreen Boxwood Hedge	M. Wintergreen	5-9	3'-4'	4'-6'	Full- Partial Sun	YES	NO	1	2'-3' hgt+N114.	B&B	NA

## **General Planting Notes**

- 1. The above selection of plants is provided for design intent. It is understood that the final installation and implementation of this plan is subject to plant availability, substitutions, time of year, phasing and cost.
- 2. It is understood, that the majority of nursery plants are to some degree toxic to humans and pets, whether the root, stock, bark, leaf, fruit or juice. The owner and installer should become acquinted to the potential toxicity of the ultimate selection of all nursery plants. Warrenstreet has provided common toxicuty labels of plant materials selected and in noway warranties against the potentuial affects of any plants selected and installed.
- 3. All planting beds shall be mulched with a minimum of 2" of shredded cedar "BLACK" bark mulch. All sod and/or seeded lawn areas to have minimum 6" topsoil blanket. All fall bulbs shall be planted in the fall, plan accordingly, retainage will be held until plantings occur. All mass planted shrubs beds and planters around building shall have minumum 18" deep topsoil blanket to compensate for the New England very sandy granular sub-grade material.
- 4. All plant material to conform to current AAN, American Standard for Nursery Stock, ANSI Z60.1-2014. All plantings shall be warranteed for (1) one year from planting date. The landscape Contractor shall be responsible for two (2) lawn mowings and weedings prior to final acceptance of installation.

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CIVIL ENGINEER
NOBIS GROUP
18 CHENELL DRIVE,
CONCORD, NH 03301

PROJECT TITLE / ADDRESS:

GRAPPONE MAZDA

134 MANCHESTER STREET, CONCORD, NH 03301



SCALE: AS NOTED
JOB #: 3714

PRINT DATE: 1/7/2022 3:26:23 PM

CHK BY: JH

ISSUE DATE: 01/06/2022

ISSUED FOR PB REVIEW

REV.	DATE	COMMENTS

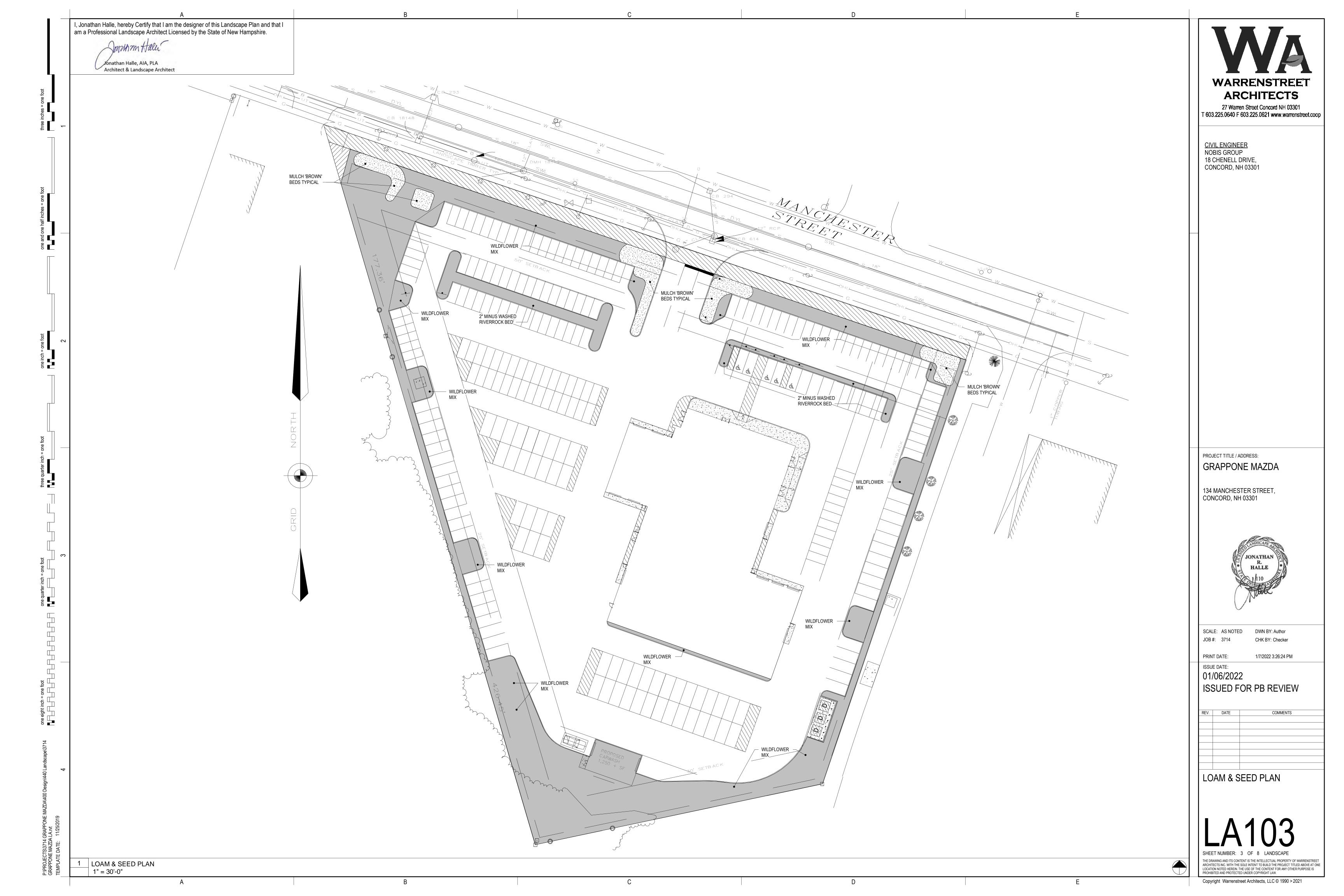
PLANTING SCHEDULE

SHEET NUMBER: 2 OF 8 LANDSCAPE

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	TOXIC PLANTS BY COMMON NAME	COMMON NAME	SCIENTIFIC MANY	TOVIOITY	COMMON NAME	COIENTIFIC MARKE	TOVICITY										
	SOURCE: FILMER, UNIVERSITY OF CALIFORNIA, DAVIS; OCT. 2012  IT SHOULD BE NOTED THAT MANY OF THESE PLANTS EXISTING IN THE	DAPHNE	DAPHNE SPP.	TOXICITY CLASS 1	COMMON NAME  MYRTLE	SCIENTIFIC NAME  MYRTUS COMMUNIS	TOXICITY CLASS 2										
	NATURAL AND BUILT ENVIRONMENT AROUND US. AS MANY OF THESE PLANTS ARE AVAILABLE IN THE MARKETPLACE TODAY, CAUTION SHOULD BE TAKEN WHEN SELECTING ANY PLANT, AND THEIR USE SHOULD BE	DEADLY NIGHTSHADE DEADLY NIGHTSHADE DEADLY NIGHTSHADE	ATROPA BELLADONNA HYOSCYAMUS NIGER SOLANUM SPP.	1 1 1	MYRTLE NAKED LADY NARCISSUS (BULB)	VINCA SPP. AMARYLLIS BELLADONNA NARCISSUS SPP.	1 2,4 2,4										
ነ	CONSIDERED IN THE CONTEXT OF WHERE THEY ARE TO BE PLANTED.	DEATH CAMAS DELPHINIUM	ZIGADENUS SPP. DELPHINIUM SPP.	1 1	NATAL PLUM	CARISSA MACROCARPA	2										
ne foot	TOXICITY CLASS (THIRD COLUMN IN TABLE BELOW)  1. MAJOR TOXICITY: THESE PLANTS MAY CAUSE SERIOUS ILLNESS OR	DESERT BLUEBELLS DICHONDRA DIEFFENBACHIA	PHACELIA SPP. DICHONDRA MICRANTHA DIEFFENBACHIA SPP.	4 4 3	NECTARINE (SEEDS) NEPHTHYTIS NERINE	PRUNUS SPP. SYNGONIUM PODOPHYLLUM NERINE SPP.	3 2,4										
nes = on	DEATH. IF INGESTED, IMMEDIATELY CALL THE POISON CONTROL CENTER (800) 222×1222 OR YOUR DOCTOR.  2. MINOR TOXICITY: INGESTION OF THESE PLANTS MAY CAUSE MINOR	DOGWOOD DUMB CANE DUSTY MILLER	CORNUS SPP. DIEFFENBACHIA SPP. SENECIO SPP. (SOME SPP.)	4 3 2 4	NETTLES, STINGING NEW ZEALAND LAUREL NIGHT-BLOOMING JESSAMI	URTICA SPP. CORYNOCARPUS LAEVIGATA	4 2 1										
	ILLNESSES SUCH AS VOMITING OR DIARRHEA. IF INGESTED, CALL THE POISON CONTROL CENTER OR YOUR DOCTOR	DUTCH IRIS ECHIUM	IRIS SPP. ECHIUM VULGARE	2,4 2,4 1,4	NIGHTSHADE, DEADLY NIGHTSHADE, DEADLY	ATROPA BELLADONNA HYOSCYAMUS NIGER	1										
	3. OXALATES: THE JUICE OR SAP OF THESE PLANTS CONTAINS OXALATE CRYSTALS. THESE NEEDLE-SHAPED CRYSTALS CAN IRRITATE THE SKIN, MOUTH, TONGUE, AND THROAT, RESULTING IN THROAT SWELLING,	ELDERBERRY (RIPE FRUIT IS NONTOXIC) ELEPHANT'S EAR	SAMBUCUS SPP. ALOCASIA SPP.	1 3,4	NIGHTSHADE, BLACK OR DEADLY OAK TREE (ACORNS)	QUERCUS SPP.	. 1 2,4										
	BREATHING DIFFICULTIES, BURNING PAIN, AND STOMACH UPSET. CALL THE POISON CONTROL CENTER OR YOUR DOCTOR IF ANY OF THESE	ELEPHANT'S EAR ELEPHANT'S EAR	COLOCASIA SPP. XANTHOSOMA SPP.	3,4 3,4 4	OLEANDER OLEANDER, YELLOW	NERIUM OLEANDER THEVETIA PERUVIANA	1,4 1,4 2										
	SYMPTOMS APPEAR FOLLOWING INGESTION OF PLANTS.  4. DERMATITIS: THE JUICE, SAP, OR THORNS OF THESE PLANTS MAY CAUSE A SKIN RASH OR IRRITATION. WASH THE AFFECTED AREA OF	ELM TREE ENGLISH DAISY ENGLISH IVY	ULMUS SPP. BELLIS PERENNIS HEDERA SPP.	4 4 2,4	ONION, WILD ORNITHOGALUM PAMPAS GRASS	ALLIUM SPP. ORNITHOGALUM SPP. CORTADERIA SELLOANA	1 1										
	SKIN WITH SOAP AND WATER AS SOON AS POSSIBLE AFTER CONTACT. THE RASHES MAY BE VERY SERIOUS AND PAINFUL. CALL THE POISON CONTROL CENTER OR YOUR DOCTOR IF SYMPTOMS APPEAR	ENGLISH LAUREL ENGLISH YEW (SEEDS) EUCALYPTUS	PRUNUS LAUROCERASUS TAXUS BACCATA EUCALYPTUS SPP.	1 1 2,4	PANSY (SEEDS) PASQUE FLOWER PEACH (SEEDS)	VIOLA SPP. ANEMONE SPP. PRUNUS SPP.	2 2,4 1										
one to	FOLLOWING CONTACT WITH THE PLANTS.	EUONYMUS EUPHORBIA	EUONYMUS SPP. EUPHORBIA SPP.	2 2,4	PEAR (SEEDS) PENCIL TREE	PYRUS SPP. EUPHORBIA SPP.	1 2,4										
Tinches	COMMON NAME SCIENTIFIC NAME TOXICITY CLASS ACHILLEA MILLEFOLIUM 2,4	EUROPEAN MISTLETOE EVERGREEN CANDYTUFT FALSE HEATHER	VISCUM ALBUM IBERIS SEMPERVIRENS CUPHEA HYSSOPIFOLIA	4	PEPPER TREE, BRAZILIAN PEPPER TREE, CALIFORNIA PERIWINKLE	VINCA SPP.	4 1										
one nait	ACONITE ACONITUM SPP. 1 AFRICAN BOXWOOD MYRSINE AFRICANA 2 AFRICAN LILY AGAPANTHUS SPP. 2.4	FALSE QUEEN ANNE'S LACE FESCUE (GRASS) FIG		4 4 4	PERUVIAN LILY PERUVIAN SCILLA PHILODENDRON	ALSTROEMERIA SPP. SCILLA SPP. PHILODENDRON SPP.	2,4 1 3,4										
one and	AGAPANTHUS AGAPANTHUS SPP. 2,4 AGAVE AGAVE SPP. 2,3,4	FIG. WEEPING FIG., FIDDLE LEAF	FICUS SPP. FICUS LYRATA	4	PHILODENDRON, SPLITZEA PIERIS, JAPANESE	F MONSTERA DELICIOSA PIERIS JAPONICA	3,4 1										
_	AGLAONEMA AGLAONEMA SPP. 3,4 AILANTHUS AILANTHUS ALTISSIMA 2,4 ALDER ALNUS SPP. 4	FIDDLE*LEAF FIG FIR, BALSAM FIRETAIL	FICUS LYRATA ABIES BALSAMEA ACALYPHA SPP.	4 4 2,4	PINEAPPLE PINK PITTOSPORUM	ANANAS COMOSUS DIANTHUS SPP. PITTOSPORUM SPP.	4 2,4 1										
	ALLIUM ALLIUM SPP. 2 ALMOND (SEEDS) PRUNUS SPP. 1	FIRETHORN FISHTAIL PALM	PYRACANTHA SPP. CARYOTA SPP.	2,4 2,4 3,4	PLUM (SEEDS) PLUMBAGO, CAPE	PRUNUS SPP. PLUMBAGO AURICULATA	1 4										
	ALOCASIA ALOCASIA SPP. 3,4 ALSTROEMERIA ALSTROEMERIA SPP. 2,4 AMARYLLIS AMARYLLIS BELLADONNA 2,4	FLAX FLEABANE FLOWERING TOBACCO	LINUM USITATISSIMUM ERIGERON SPP. NICOTIANA GLAUCA	4 4 1	PLUMERIA POINCIANA POINSETTIA	PLUMERIA RUBRA CAESALPINA GILLIESII EUPHORBIA SPP.	4 2 2,4										
	AMARYLLIS HIPPEASTRUM SPP. 2 ANEMONE ANEMONE SPP. 2,4 ANGEL?S TRUMPET BRUGMANSIA SPP. 1	FOUR>O?CLOCK FOXGLOVE FRANGIPANI	MIRABILIS JALAPA DIGITALIS PURPUREA PLUMERIA RUBRA	2,4 1 4	POISON HEMLOCK POISON OAK	CONIUM MACULATUM TOXICODENDRON DIVERSILOBUM	1										
	ANTHURIUM ANTHURIUM SPP. 3,4 APPLE (SEEDS) MALUS SPP. 1	GARDEN ASPARAGUS GINKGO	ASPARAGUS OFFICINALIS GINKGO BILOBA	4	POKEWEED POPPY	PHYTOLACCA AMERICANA PAPAVER SPP.	2 2,4										
	APRICOT (SEEDS) PRUNUS SPP. 1 ARALIA, MING POLYSCIAS SPP. 2,4 ARBORVITAE THUJA SPP. 2,4	GLADIOLUS GLORY LILY GOLDENCHAIN TREE	GLADIOLUS SPP. GLORIOSA SPP. LABURNUM ANAGYROIDES	2,4 1 2	POPPY, ICELAND POTATO PLANT (GREEN PARTS)	PAPAVER NUDICAULE SOLANUM TUBEROSUM	3,4										
= one f(	ARROWHEAD PLANT SYNGONIUM PODOPHYLLUM 3 ARUM ARUM SPP. 3,4	GOPHER PLANT GRAPE IVY	EUPHORBIA SPP. CISSUS RHOMBIFOLIA	2,4 4	POTHOS PREGNANT ONION	EPIPREMNUM AUREUM ORNITHOGALUM SPP.	3,4										
one incr	ASH FRAXINUS SPP. 4 ASPARAGUS, GARDEN ASPARAGUS OFFICINALIS 4 ASPARAGUS, SPRENGER ASPARAGUS DENSIFLORUS 4	GREVILLEA GROUNDCHERRY GROUND IVY	GREVILLEA SPP. PHYSALIS SPP. GLECHOMA HEDERACEA	4 1 2	PRIMROSE PRIMULA PRIVET	PRIMULA SPP. PRIMULA SPP. LIGUSTRUM SPP.	4 4 2,4										
<u> </u>	ASTER SPP. 4 AUCUBA, JAPANESE AUCUBA JAPONICA 2 AUTUMN CROCUS COLCHICUM AUTUMNALE 1,4	GUERNSEY LILY GUM, BLUE HEART LEAF	NERINE SPP. EUCALYPTUS SPP. PHILODENDRON SPP.	2,4 2,4 3,4	PYRACANTHA QUEEN ANNE'S LACE QUEEN ANNE'S LACE, FALSE	PYRACANTHA SPP. DAUCUS CAROTA	2,4 4 4										
	AZALEA RHODODENDRON SPP. 1 BABY?S BREATH GYPSOPHILA PANICULATA 4	HEATHER HELIOTROPE	CALLUNA VULGARIS HELIOTROPUM ARBORESCENS	1	RANUNCULUS REDWOOD, COAST	RANUNCULUS SPP. SEQUOIA SEMPERVIRENS	4 2,4 2,4										
	BALSAM FIR ABIES BALSAMEA 4 BARBERRY BERBERIS SPP. 2,4 BEGONIA BEGONIA SPP. (SOME SPP.) 2,3	HELLEBORE HEMLOCK, POISON HEMLOCK, WATER	HELLEBORUS SPP. CONIUM MACULATUM CICUTA SPP.	1,4 1 1	RHODODENDRON RHUBARB (LEAVES) ROSARY BEAN	RHODODENDRON SPP. RHEUM RHABARBARUM ABRUS PRECATORIUS	1										
	BELLADONNA ATROPA BELLADONNA 1 BELLADONNA LILY AMARYLLIS BELLADONNA 2,4	HENBANE, BLACK HOLLY (BERRIES)	HYOSCYAMUS NIGER ILEX SPP.	1 2	ROSARY PEA RUBBER PLANT	ABRUS PRECATORIUS FICUS ELASTICA	1 4										
100t	BERMUDAGRASSCYNODON DACTYLON4BIRCH TREEBETULA SPP.2,4BIRD≫F≯ARADISE SHRUBCAESALPINA GILLIESII2	HOLLYHOCK HONEY BUSH HORSECHESTNUT	ALCEA ROSEA MELIANTHUS SPP. AESCULUS SPP.	4 1 2	RUE SAGEBRUSH SAGO PALM	RUTA GRAVEOLENS ARTEMISIA SPP. CYCAS REVOLUTA	4 4 2										
	BISHOP?S WEED AMMI MAJUS 4 BITTERSWEET CELASTRUS SCANDENS 2 BLACK CALLA ARUM SPP. 3,4	HYACINTH HYDRANGEA ICELAND POPPY	HYACINTHUS ORIENTALIS HYDRANGEA SPP PAPAVER NUDICAULE	2,4 . 1,4 3.4	SCARLET PIMPERNEL SCHEFFLERA SCOTCH BROOM	ANAGALLIS ARVENSIS SCHEFFLERA ACTINOPHYLLA CYTISUS SPP.	2,4 2,4 2									-	+
	BLACK CHERRY (SEEDS) PRUNUS SPP. 1 BLACK HENBANE HYOSCYAMUS NIGER 1	INDIAN CURRANT INDIAN TURNIP	SYMPHORICARPOS SPP. ARISAEMA TRIPHYLLUM	2 3,4	SHASTA DAISY SILK OAK	CHRYSANTHEMUM MAXIMUM GREVILLEA SPP.	2,4										
inree qua	BLACK LOCUST (SEEDS) ROBINIA PSEUDOACACIA 1 BLACK NIGHTSHADE SOLANUM SPP. 1 BLANKET FLOWER GAILLARDIA SPP. 4	IRIS ITALIAN ARUM IVY	IRIS SPP. ARUM SPP. HEDERA SPP.	2,4 3,4 2,4	SKUNK CABBAGE SMOKE BUSH SNAKE PLANT	VERATRUM SPP. COTINUS COGGYGRIA SANSEVIERIA SPP.	2 4 2.4										
	BLEEDING HEART DICENTRA SPP. 4 BLOOD LILY HAEMANTHUS SPP . 2,4	IVY, BOSTON IVY, ENGLISH	PARTHENOCISSUS SPP. HEDERA SPP.	3,4 2,4	SNAKESHEAD SNOW>ON>THE>MOUNTAIN	FRITILLARIA MELEAGRIS EUPHORBIA SPP.	1 2,4										
	BLUE GUM EUCALYPTUS SPP. 2,4 BOSTON IVY PARTHENOCISSUS SPP. 3,4 BOTTLE TREE BRACHYCHITON POPULNEUS 4	IVY, GRAPE IVY, GROUND JACK\N\THE\PULPIT	CISSUS RHOMBIFOLIA GLECHOMA HEDERACEA ARISAEMA TRIPHYLLUM	4 2 3,4	SNOWBERRY SNOWDROP SNOWFLAKE	SYMPHORICARPOS SPP. GALANTHUS SPP. LEUCOJUM SPP.	2 2,4 2,4										
	BOUGAINVILLEA (THORNS) BOUGAINVILLEA SPP. 4 BOXWOOD BUXUS SEMPERVIRENS 2,4 BRAZILIAN PEPPER TREE SCHINUS TEREBINTHIFOLIUS 2,4	JADE PLANT JAPANESE AUCUBA JAPANESE PIERIS	CRASSULA ARGENTEA AUCUBA JAPONICA PIERIS JAPONICA	2,4 2 1	SPATHIPHYLLUM SPIDER LILY SPIDER LILY	SPATHIPHYLLUM SPP. LYCORIS SPP. HYMENOCALLIS SPP.	3,4 2 2,4										
	BROOM CYTISUS SPP. 2 BUCKEYE AESCULUS SPP . 2	JAPANESE YEW (SEEDS) JATROPHA	TAXUS SPP. JATROPHA SPP.	1 2,4	SPLIT*LEAF PHILODENDRON SPRENGER ASPARAGUS	N MONSTERA DELICIOSA ASPARAGUS DENSIFLORUS	3,4										
od T	BUCKTHORN RHAMNUS SPP. 2,4  BURNING BUSH EUONYMUS SPP. 2  BUSHMAN?S POISON ACOKANTHERA SPP. 1	JEQUIRITY BEAN JERUSALEM CHERRY JESSAMINE	ABRUS PRECATORIUS SOLANUM PSEUDOCAPSICUM CESTRUM SPP.	1 1 1	SQUILL ST. JOHNSWORT STAR>OF>BETHELEHEM	SCILLA SPP. HYPERICUM CALYCINUM ORNITHOGALUM SPP.	1 1,4 1										
= one	BUTTERCUP RANUNCULUS SPP. 2,4 BUTTERFLY WEED ASCLEPIAS SPP. 2,4	JESSAMINE, CAROLINA JIMSON WEED	GELSEMIUM SEMPERVIRENS BRUGMANSIA SPP.	1,4 1	STINGING NETTLES STRING OF BEADS	URTICA SPP. SENECIO SPP. (SOME SPP.)	4 2,4 2										
arter incr	CAJEPUT TREE MELALEUCA QUINQUENERVIA 4 CALADIUM CALADIUM BICOLOR 3,4	JONQUIL (BULB) JUNIPER KAFFIR LILY	NARCISSUS SPP. JUNIPERUS SPP. CLIVIA SPP.	2,4 2 2,4	SWEET PEA (SEEDS) SWEET WILLIAM TANSY	LATHYRUS ODORATUS DIANTHUS BARBATUS TANACETUM SPP.	2 2,4 4							_,,			
one du	CALIFORNIA BAY UMBELLULARIA CALIFORNICA 4 CALIFORNIA BUCKEYE AESCULUS SPP. 2 CALIFORNIA LAUREL UMBELLULARIA CALIFORNICA 4	LABURNUM LADY SLIPPER ORCHID LANTANA	LABURNUM ANAGYROIDES CYPRIPEDIUM SPP. LANTANA CAMARA	2 4 1	TARO TASSEL FLOWER TOMATO (NON>FRUIT PARTS	COLOCASIA ESCULENTA AMARANTHUS CAUDATUS S) LYCOPERSICON ESCULENTUM	3,4 1 1,4							1 7			
<u></u>	CALIFORNIA PEPPER TREE SCHINUS MOLLE 4 CALLA, BLACK ARUM SPP. 3,4	LARKSPUR LAUREL, CALIFORNIA	DELPHINIUM SPP. UMBELLULARIA CALIFORNICA	1 4	TOYON TREEXOF*HEAVEN	HETEROMELES ARBUTIFOLIA AILANTHUS ALTISSIMA	1 2,4							THE PARTY OF THE P			
	CALLA LILY ZANTEDESCHIA AETHIOPICA 3,4 CAMPHOR TREE CINNAMOMUM CAMPHORA 2 CANDYTUFT, EVERGREEN IBERIS SEMPERVIRENS 4	LAUREL CHERRY LAUREL, ENGLISH LAUREL, MOUNTAIN	PRUNUS CAROLINIANA PRUNUS LAUROCERASUS KALMIA LATIFOLIA	1 1 2	TREE TOBACCO TRUMPET CREEPER TRUMPET VINE	NICOTIANA GLAUCA CAMPSIS RADICANS CAMPSIS RADICANS	4										
	CAPE PLUMBAGO PLUMBAGO AURICULATA 4 CARDINAL FLOWER LOBELIA SPP. 1,4 CARNATION DIANTHUS CARYOPHYLLUS 2,4	LAUREL, NEW ZEALAND LENTEN ROSE LIGUSTRUM	CORYNOCARPUS LAEVIGATA HELLEBORUS SPP. LIGUSTRUM SPP.	2 1,4 2,4	TUBEROSE TULIP (BULB) UMBRELLA PLANT	POLIANTHES TUBEROSA TULIPA SPP. CYPERUS ALTERNIFOLIUS	2 2,4 2						4.				
<u> </u>	CAROLINA JESSAMINE GELSEMIUM SEMPERVIRENS 1,4 CAROLINA LAUREL CHERRY PRUNUS CAROLINIANA 1	LILY LILY, AFRICAN	LILIUM SPP. (SOME SPP.) AGAPANTHUS SPP.	2,4 2,4	UMBRELLA TREE VINCA	SCHEFFLERA ACTINOPHYLLA VINCA SPP.	2,4						8			- E	_
	CASTOR BEAN RICINUS COMMUNIS 1 CENTURY PLANT AGAVE SPP. 2,3,4 CESTRUM CESTRUM SPP. 1	LILY, BELLADONNA LILY, BLOOD LILY, CALLA	AMARYLLIS BELLADONNA HAEMANTHUS SPP. ZANTEDESCHIA AETHIOPICA	2,4 2,4 3,4	VIOLET (SEEDS) VIRGINIA CREEPER WALNUT	VIOLA SPP. PARTHENOCISSUS SPP. JUGLANS SPP.	2 3,4 4							35.20		1	
e one to	CHAMOMILE CHAMAEMELUM NOBILE 4 CHECKERED LILY FRITILLARIA MELEAGRIS 1	LILY, CHECKERED LILY, CLIMBING	FRITILLARIA MELEAGRIS GLORIOSA SPP.	1 1 2 4	WANDERING JEW WATER HEMLOCK	TRADESCANTIA SPP. CICUTA SPP.	4										
gnt inch	CHENILLE PLANT ACALYPHA SPP. 2,4 CHERRY (SEEDS) PRUNUS SPP. 1 CHINABERRY MELIA AZEDARACH 1	LILY, CRINUM LILY, GLORY LILY, GUERNSEY	CRINUM SPP. GLORIOSA SPP. NERINE SPP.	2,4 1 2,4	WEEPING FIG WILD ONION WINDFLOWER	FICUS SPP. ALLIUM SPP. ANEMONE SPP.	2 2,4					Mark.			140	1	
	CHINESE EVERGREEN AGLAONEMA SPP. 3,4 CHINESE LANTERN PHYSALIS SPP. 1 CHINESE TALLOW TREE SAPIUM SEBIFERUM 4	LILY, KAFFIR LILY, PERUVIAN LILY, SPIDER	CLIVIA SPP. ALSTROEMERIA SPP. LYCORIS SPP.	2,4 2,4 2	WINTERSWEET WISTERIA WORMWOOD	ACOKANTHERA SPP. WISTERIA SPP. ARTEMISIA SPP.	1 2 4							1113	3		F
4	CHOKECHERRY PRUNUS VIRGINIANA 1 CHRISTMAS ROSE HELLEBORUS SPP. 1,4	LILY, SPIDER LILY>OF>THE>NILE	HYMENOCALLIS SPP. AGAPANTHUS SPP.	2,4 2,4	YARROW YEW, ENGLISH (SEEDS)	ACHILLEA MILLEFOLIUM TAXUS BACCATA	2,4				ALVENIA.	4 49	W. A.	Caster A			E
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WARRENSTREET ARCHITECTS

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PROJECT TITLE / ADDRESS:

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LANDSCAPE GRAPHIC
SCHEDULE & TOXIC PLANT

LA104

SHEET NUMBER: 4 OF 8 LANDSCAPE

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PART 1: GENERAL

1.1 GENERAL REQUIREMENTS A. DRAWINGS AND GENERAL PROVISIONS OF CONTRACT, INCLUDING GENERAL CONDITIONS AND DIVISION I SPECIFICATION SECTIONS APPLY TO THIS SECTION. B. EXAMINE ALL OTHER SECTIONS OF THE SPECIFICATIONS FOR REQUIREMENTS WHICH AFFECT WORK OF THIS SECTION WHETHER OR NOT SUCH WORK IS SPECIFICALLY

MENTIONED IN THIS SECTION. SEE DRAWINGS FOR LOCATIONS AND DETAILS. C. COORDINATE WORK WITH THAT OF ALL OTHER TRADES AFFECTING, OR AFFECTED BY WORK OF THIS SECTION. COOPERATE WITH SUCH TRADES TO ASSURE THE STEADY PROGRESS OF ALL WORK UNDER THE CONTRACT.

.2 SUMMARY

A. THIS SECTION INCLUDES THE FOLLOWING:

1. FURNISHING ALL PLANTS, MATERIALS, SUPPLIES, LABOR, EQUIPMENT, AND PERFORMING ALL OPERATIONS IN CONNECTION WITH FURNISHING AND PLACEMENT OF TOPSOIL AND PLANTING MIXTURE, PLANTING OF ALL TREES, SHRUBS AND PERENNIAL GROUND COVERS, PRUNING/MULCHING/WATERING OF PLANTS, MAINTENANCE, GUARANTEE AND FINAL CLEAN>UP.

B. RELATED SECTIONS: THE FOLLOWING SECTIONS CONTAIN REQUIREMENTS THAT RELATE TO THIS SECTION: SECTION 02300 "EARTHWORK"

SECTION 02930 "SEEDING AND SODDING" LOCAL GOVERNING AUTHORITY AND CODE REQUIREMENTS.

ALL NECESSARY CONSTRUCTION PERMITS.

A. SAMPLES: BEFORE ANY BARK MULCH IS DELIVERED TO THE JOB SITE, SUBMIT A SAMPLE TO THE LANDSCAPE ARCHITECT FOR THEIR APPROVAL. B. MATERIALS LIST:

1. BEFORE ANY PLANTING MATERIALS ARE DELIVERED TO THE JOB SITE, SUBMIT TO THE LANDSCAPE ARCHITECT A COMPLETE LIST OF ALL PLANTS AND OTHER ITEMS

PROPOSED TO BE INSTALLED 2. INCLUDE COMPLETE DATA ON SOURCE, SIZE, AND QUALITY.

3. DEMONSTRATE COMPLETE CONFORMANCE WITH THE REQUIREMENTS OF THIS SECTION. THIS SHALL IN NO WAY BE CONSTRUED AS PERMITTING SUBSTITUTION FOR SPECIFIC ITEMS DESCRIBED IN THE PLANS OR THESE SPECIFICATIONS UNLESS THE SUBSTITUTION HAS BEEN APPROVED IN ADVANCE BY THE LANDSCAPE ARCHITECT. C. AS'BUILT DRAWINGS: DURING THE COURSE OF THE INSTALLATION, CAREFULLY RECORD IN RED LINE ON A PRINT OF THE PLANTING PLANS ALL CHANGES MADE TO THE

PLANTING LAYOUT DURING INSTALLATION. D. CERTIFICATES: ALL CERTIFICATES REQUIRED BY LAW SHALL ACCOMPANY SHIPMENTS. UPON COMPLETION OF THE INSTALLATION. DELIVER ALL CERTIFICATES TO THE

.4 QUALITY ASSURANCE

LANDSCAPE ARCHITECT.

A. INSTALLER QUALIFICATIONS: PROVIDE AT LEAST ONE PERSON WHO SHALL BE PRESENT AT ALL TIMES DURING EXECUTION OF THIS PORTION OF THE WORK AND WHO SHALL BE THOROUGHLY FAMILIAR WITH THE TYPE OF MATERIALS BEING INSTALLED AND THE BEST METHODS FOR THEIR INSTALLATION AND WHO SHALL DIRECT ALL WORK PERFORMED UNDER THIS SECTION.

**B. MATERIAL STANDARDS:** 1. ALL PLANTS AND PLANTING MATERIAL SHALL MEET OR EXCEED THE SPECIFICATIONS OF FEDERAL, STATE, AND COUNTY LAWS REQUIRING INSPECTION FOR PLANT DISEASE AND INSECT CONTROL

2. QUALITY AND SIZE SHALL COMPLY WITH RECOMMENDATIONS AND REQUIREMENTS OF CURRENT EDITION OF ANSI Z60.1 AMERICAN STANDARD FOR NURSERY STOCK, FOR NUMBER ONE GRADE NURSERY STOCK AS ADOPTED BY THE AMERICAN ASSOCIATION OF NURSERYMEN.

3. ALL PLANTS SHALL BE TRUE TO NAME AND ONE OF EACH BUNDLE OR LOT SHALL BE TAGGED WITH THE NAME AND SIZE OF THE PLANTS IN ACCORDANCE WITH THE STANDARDS OF PRACTICE OF THE AMERICAN ASSOCIATION OF NURSERYMEN. IN ALL CASES, BOTANICAL NAMES SHALL TAKE PRECEDENCE OVER COMMON NAMES.

1.5 DELIVERY, STORAGE, HANDLING A. DELIVERY AND STORAGE:

1. DELIVER ALL ITEMS TO THE SITE IN THEIR ORIGINAL CONTAINERS WITH ALL LABELS INTACT AND LEGIBLE AT TIME OF LANDSCAPE ARCHITECT INSPECTION. 2. IMMEDIATELY REMOVE FROM THE SITE ALL PLANTS WHICH ARE NOT TRUE TO NAME AND ALL MATERIALS WHICH DO NOT COMPLY WITH THE PROVISIONS OF THIS SECTION OF THESE SPECIFICATIONS.

3. ROOT PROTECTION: a. HANDLE PLANTS AT ALL TIMES IN ACCORDANCE WITH THE BEST HORTICULTURAL PRACTICES SO THAT THE ROOTS OR BALLS ARE ADEQUATELY PROTECTED FROM THE SUN AND DRYING WINDS. NO PLANT SHALL BE BOUND WITH ROPE OR WIRE IN A MANNER THAT WOULD DAMAGE THE BARK, BREAK THE BRANCHES, OR DESTROY ITS

NATURAL SHAPE. 4. HANDLING: a. LIFT AND HANDLE PLANTS FORM THE BOTTOM OF THE BALL OR CONTAINER ONLY. PLANTS HANDLED OTHERWISE WILL BE SUBJECT TO REJECTION. PLANT NO BALLED

AND BURLAPPED PLANT WHICH HAS THE BALL CRACKED OR BROKEN WILL BE ACCEPTED. NO BALLED AND BURLAPPED PLANTS USING PLASTIC/POLYESTER BURLAP WILL BE ACCEPTED. PLANT NO CONTAINERIZED OR TUBE:PAK PLANT WHOSE ROOT SYSTEM HAS SEPARATED FROM THE SOIL IN ITS CONTAINER. 5. PROTECTION DURING DELIVERY:

a. TRANSPORT PLANT MATERIAL IN CLOSED VEHICLES OR IN OPEN VEHICLES WITH THE ENTIRE LOAD PROPERLY COVERED FOR PROTECTION FROM DRYING WINDS. 6. PROTECTION AFTER DELIVERY:

a. PLANT TREES AND SHRUBS AS SOON AS POSSIBLE AFTER DELIVERY. PLANTS THAT CANNOT BE PLANTED IMMEDIATELY SHALL HAVE THEIR ROOTS KEPT MOIST AND ADEQUATELY PROTECTED UNTIL PLANTED.

b. COVER THE BALLS OF BALLED AND BURLAPPED, CONTAINERIZED, AND TUBE:PAK PLANTS WITH TOPSOIL OR AN APPROVED MULCH, AND KEEP CONSTANTLY MOIST UNTIL

c. STORE ALL PLANTS IN THE SHADE, OUT OF DIRECT SUNLIGHT AND DRYING WIND. d. OWNER'S REPRESENTATIVE WILL SELECT STORAGE OR HOLDING AREA AND UPON DELIVERY OF PLANTS, DESIGNATE WHERE CONTRACTOR CAN PROTECT AND MAINTAIN THESE PLANT MATERIALS UNTIL THEY ARE PLANTED.

.6 SCHEDULES

A. PLANTING SEASON: a. PLANTING OPERATIONS FOR DECIDUOUS MATERIALS SHALL TAKE PLACE DURING MARCH 15 TO JUNE 30 FOR SPRING PLANTING AND AUGUST 15TH TO OCTOBER 1 OR UNTIL GROUND FREEZES FOR FALL PLANTING. BARE ROOT DECIDUOUS PLANTINGS SHALL BE LIMITED TO PLANTING BETWEEN MARCH 15 TO MAY 1 . PLANTING OPERATIONS FOR EVERGREEN MATERIAL SHALL BE DURING MARCH 1 THROUGH JUNE 30 FOR SPRING PLANTING AND AUGUST 1 THROUGH SEPTEMBER 15 FOR

FALL PLANTING. 7 INSPECTION

1. PLANTS SHALL BE SUBJECT TO INSPECTION AND APPROVAL AT THE PLACE OF GROWTH AND UPON DELIVERY FOR CONFORMITY TO SPECIFIED QUALITY, SIZE, AND VARIETY.

SUCH APPROVAL SHALL NOT IMPAIR THE RIGHT OF INSPECTION AND REJECTION UPON DELIVERY AT THE SITE OR WHILE WORK IS IN PROGRESS. 2. THE CONTRACTOR WILL INFORM THE LANDSCAPE ARCHITECT THREE BUSINESS DAYS (3) PRIOR TO THE PROPOSED ARRIVAL OF PLANT MATERIAL ON THE JOB SITE. 3. DURING THE TIME PLANT MATERIAL IS BEING INSPECTED, THE CONTRACTOR SHALL PROVIDE A COMPLETE STAKED LAYOUT AND HAVE MANPOWER AND EQUIPMENT

PART 2: MATERIALS

AVAILABLE TO UNLOAD, OPEN AND HANDLE PLANT MATERIAL DURING INSPECTION.

2.1 PLANT MATERIALS

1. PLANT MATERIALS SHALL MEAN TREES AND PLANTS OF ALL DESCRIPTIONS REQUIRED TO BE FURNISHED FOR THE PROJECT, IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS. ALL PLANT MATERIAL MUST BE TRUE TO NAME, WHICH SHALL CONFORM TO STANDARDIZED PLANT NAMES OF THE AMERICAN JOINT COMMITTEE ON HORTICULTURAL NOMENCLATURE, AND SHALL BE LEGIBLY TAGGED WITH THE NAME AND SIZE OF THE MATERIAL ACCORDING TO THE GENERAL NURSERY PRACTICE AS RECOMMENDED BY THE AMERICAN ASSOCIATION OF NURSERYMEN.

2. ALL PLANTS SHALL BE FIRST; CLASS REPRESENTATIVES OF THEIR NORMAL SPECIES OR VARIETIES. PLANTS SHALL BE SOUND, HEALTHY, AND VIGOROUS, WELL; BRANCHED AND DENSELY FOLIATED WHEN IN LEAF. UNLESS OTHERWISE SPECIFIED, PLANTS SHALL HAVE AVERAGE OR NORMALLY DEVELOPED BRANCH SYSTEMS AND VIGOROUS ROOT SYSTEMS. PLANTS SHALL BE FREE FROM SCALE, DISFIGURING KNOTS, SUN SCALD INJURIES, ABRASIONS OF THE BARK, OR OTHER OBJECTIONABLE BLEMISHES. WEAK PLANTS WILL NOT BE ACCEPTED. PLANTS MUST SHOW APPEARANCE OF NORMAL HEALTH AND VIGOR IN STRICT ACCORDANCE WITH THESE SPECIFICATIONS. ALL STOCK

3. PLANTS FURNISHED IN CONTAINERS SHALL HAVE THE ROOTS WELL ESTABLISHED IN THE SOIL MASS AND SHALL HAVE GROWN IN THE CONTAINER FOR AT LEAST ONE (1) GROWING SEASON. CONTAINERS SHALL BE OF A SIZE LARGE ENOUGH TO PROVIDE AN EARTH-ROOT MASS OF ADEQUATE DIAMETER AND DEPTH OF THE STEM DIAMETER AND PLANT HEIGHTS OR SPREAD, AS ESTABLISHED BY ACCEPTED NURSERY PRACTICE. PLANTS, OVER ESTABLISHED IN THE CONTAINER, AS EVIDENCED BY POT BOUND ROOT ENDS, WILL NOT BE ACCEPTED. BARE ROOT MATERIAL WILL BE ACCEPTED ONLY FOR SPRING PLANTING. BARE ROOT STOCK SHALL BE HANDLED ACCORDING TO STANDARD HORTICULTURAL PRACTICE WITH SPECIAL ATTENTION BEING PAID TO PREVENTING PLANT ROOTS FROM DRYING AND PLANTS BEING APPROPRIATELY STORED.

4. PLANTS LARGER THAN THOSE SPECIFIED IN THE PLANT LIST MAY BE USED IF APPROVED BY THE LANDSCAPE ARCHITECT. 5. THE HEIGHT OF TREES, MEASURED FROM THE CROWN OF THE ROOTS TO THE TOP OF THE TOP BRANCH, AND CALIPER OF THE TRUNK SHALL BE TAKEN 6 INCHES ABOVE THE GROUND UP TO AND INCLUDING 4 INCH CALIPER SIZE, AND 12 INCHES ABOVE THE GROUND FOR LARGER SIZES, AND SHALL NOT BE LESS THAN THE MINIMUM SPECIFIED ON THE PLANT LIST. EXCEPT WHEN A CLUMP IS DESIGNATED, THE TRUNK OF EACH TREE SHALL BE A SINGLE TRUNK GROWING FROM A SINGLE UNMUTILATED CROWN OF ROOTS. NO PART OF THE TRUNK SHALL BE CONSPICUOUSLY CROOKED AS COMPARED TO NORMAL TREES OF THE SAME VARIETY. THE TRUNK SHALL BE FREE FROM SUN SCALD, FROST CRACKS OR WOUNDS RESULTING FROM ABRASIONS, FIRE, OR OTHER CAUSES. NO PRUNING WOUNDS SHALL BE PRESENT HAVING A DIAMETER OF MORE THAN TWO (2") INCHES AND SUCH WOUNDS MUST SHOW VIGOROUS BARK ON ALL EDGES. EVERGREEN TREES SHALL BE BRANCHED TO WITHIN ONE FOOT OF THE GROUND. 6. SHRUBS AND PERENNIALS SHALL COMPLY WITH THE SPECIFIED SPREAD, HEIGHT OR CONTAINER SIZE AS SPECIFIED ON THE PLANT LIST. THE MEASUREMENTS FOR HEIGHT ARE TO BE TAKEN FROM THE GROUND LEVEL TO THE AVERAGE HEIGHT OF THE TOP OF THE SHRUB AND NOT THE LONGEST BRANCH. THE THICKNESS OF EACH SHRUB SHALL CORRESPOND TO THE TRADE CLASSIFICATION "NO. 1". SINGLE STEMMED OR THIN PLANTS WILL NOT BE ACCEPTED. THE SIDE BRANCHES MUST BE GENEROUS, WELL> TWIGGED, AND THE PLANT AS A WHOLE WELL'>BRANCHED TO THE GROUND. THE PLANTS MUST BE IN A MOIST VIGOROUS CONDITION, FREE FROM DEAD WOOD, BRUISES OR

OTHER ROOT OR BRANCH INJURIES. 7. ALL PLANT MATERIAL SHALL COMPLY WITH STATE AND FEDERAL LAWS WITH RESPECT TO INSPECTION FOR PLANT DISEASE AND INFECTION. ANY INSPECTION CERTIFICATES REQUIRED BY LAW SHALL ACCOMPANY EACH SHIPMENT, INVOICE, OR ORDER OF STOCK.

8. ALL PLANT MATERIAL IS SUBJECT TO LANDSCAPE ARCHITECT'S APPROVAL AND INSPECTION AT ANY PLACE, BEFORE DURING AND/OR AFTER PLANTING. ANY PLANT MATERIAL NOT APPROVED BY THE LANDSCAPE ARCHITECT SHALL BE IMMEDIATELY REMOVED FOR THE SITE. 9. NO PLANT MATERIAL SHALL BE ACCEPTED WITH LOOSE OR BROKEN BALLS, BROKEN CONTAINERS OR TUBE:PAKS

A. BARK MULCH: ALL BARK MULCH SHALL BE SHREDDED PINE BARK AS LOCALLY OR REGIONALLY MANUFACTURED, OR AN EQUAL APPROVED IN ADVANCE BY THE LANDSCAPE

A. TOPSOIL: MOST TOPSOIL REQUIRED SHALL BE OBTAINED FROM ON'SITE STOCKPILED MATERIAL. SHOULD ADDITIONAL TOPSOIL BE NEEDED, IT SHALL BE IMPORTED MATERIAL FROM A LOCALLY APPROVED SOURCE. ITSHALL BE LOOSE, FRIABLE, AND SHALL CONTAIN ORDINARY AMOUNT OF HUMUS. IT SHALL CONTAIN NO LUMPS OF SOIL, ROCKS LARGER THAN 1 INCH, OR STOCKS, OR ROOTS, AND OTHER DEBRIS. IT SHALL BE SUFFICIENTLY FERTILE TO SUSTAIN NORMAL HEALTHY PLANT GROWTH AND SHALL NOT HAVE A PH VALUE HIGHER THAN 7.0 OR LOWER THAN 6.5. THE TOPSOIL SHALL BE DELIVERED IN AN UNFROZEN AND NON: MUDDY CONDITION AND MUST MEET THE

APPROVAL OF THE LANDSCAPE ARCHITECT. B. PEAT: PEAT SHALL BE SPHAGNUM PEAT, SEDGE PEAT MOSS. FURNISH AIR>DRIED, FINELY SHREDDED, ORPH BETWEEN 5.5 AND 6.5, CONTAINING NO MORE THAN THIRTY>FIVE

C. COMPOSTED BARK MULCH:COMPOSTED BARK MULCH SHALL BE 1/4" MINUS, FINE TEXTURED AND WELL COMPOSTED MULCH SUITABLE FOR USE AS A PLANTING MIX AMENDMENT. IT SHALL BE LOCALLY OR REGIONALLY MANUFACTURED, OR AN EQUAL APPROVED IN ADVANCE BY THE LANDSCAPE ARCHITECT

D. TREES/SHRUB PLANTING MIX: TOPSOIL USED AS FILL AROUND PLANTS SHALL BE MIXED WITH PEAT MOSS AT THE RATE OF THREE PARTS TOPSOIL TO ONE PART PEAT. E. PERENNIAL/GROUND COVER PLANTING MIX: TOPSOIL USED AS FILL AROUND THESE PLANTS SHALL BE MIXED WITH PEAT MOSS AND COMPOSTED BARK MULCH AT THE RATE OF TWO PARTS TOPSOIL TO ONE PART PEAT TO ONE PART COMPOSTED BARK MULCH. THE ABOVE MIXTURE IS MIXED WITH MAG AMP (W. R. GRACE AND COMPANY, P.O. BOX 338, WEST CHICAGO, ILLINOIS) AT THE RATE OF 10 OUNCES PER CUBIC YARD OF PLANTING MIX. F. "ROOTS" > ROOT GROWTH ENHANCER: THIS PRODUCT SHALL BE A NATURAL, ORGANIC BIOSTIMULANT THAT PROMOTES ROOT GROWTH AND STRESS TOLERANCE IN PLANTS.

APPLY TO ALL TREES, SHRUBS, AND PERENNIALS PER MANUFACTURER'S RECOMMENDATIONS. G. SUPERSORB C > WATER ABSORBENT GRANULES: THIS PRODUCT SHALL BE A COPOLYMER WATER ABSORBENT IN GRANULAR FORM TO BE INCORPORATED IN THE SPECIFIED PLANTING MIXES FOR BOTH TREE/SHRUBS AND PERENNIALS. IT'S PURPOSE IS TO IMPROVE THE TOPSOIL'S WATER HOLDING CAPACITY.

H. AGRIFORM FERTILIZER TABLETS: TREES AND SHRUBS SHALL BE FERTILIZED WITH TWO (2) FERTILIZER TABLETS PER PLANTING HOLE. TABLETS SHALL BE 21 GRAM SIZE, OF 20>10>5 ANALYSIS AS MANUFACTURED BY AGRIFORM.

2.5 MISCELLANEOUS MATERIALS

A. WOOD STAKES: STAKES FOR TREE SUPPORT SHALL BE 2" X 2" X 8'0", WOOD STAKES.

B. GUYING WIRE: WIRE SHALL BE NUMBER 12 GAUGE GALVANIZED SOFT STEEL WIRE. C. HOSE: HOSE FOR COVERING WIRE SHALL BE NEW OR USED TWO PLY RUBBER HOSE NOT LESS THAN 1/2 INCH INSIDE DIAMETER. (PLASTIC 'CINCH: TIES' OR EQUIVALENT

FASTENING DEVICE MAY BE AN ACCEPTABLE GUY WIRE AND HOSE PROTECTOR SUBSTITUTE) D. TREE PAINT: TREE PAINT SHALL BE WATERPROOF, ASPHALT BASE PAINT WITH ANTISEPTIC PROPERTIES, MANUFACTURED FOR USE ON TREE WOUNDS; R.I.W. TREE SURGERY

PAINT BY TOCH BROS., NEW YORK; SHERWIN WILLIAMS PRUNING COMPOUND OR APPROVED EQUAL. E. ANTI>DESSICAT: ANTI>DESSICANT SHALL BE AN EMULSION PERMEABLE ENOUGH TO PERMIT TRANSPIRATION, AND WILL BE USED TO RETARD EXCESS WATER LOSS. MIX IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

F. TREE WRAP: TREE WRAPPING PAPER SHALL BE WATERPROOFED CREPE TREE WRAPPING PAPER, AT LEAST 2>1/2 INCHES IN WIDTH, MADE UP OF TWO LAYERS OF CREPE KRAFT PAPER, WEIGHING NOT LESS THAN 30 POUNDS PER REAM, CEMENTED TOGETHER WITH ASPHALT. G. TWINE: WRAPPING TWINE USED IN TREE WRAPPING SHALL BE COMPOSED OF A MINIMUM OF TWO PLY JUTE MATERIAL. SYNTHETIC MATERIALS SUCH AS NYLON OR PLASTIC

PART 3: EXECUTION

3.1 SURFACE CONDITIONS

A. INSPECTION: PRIOR TO ALL WORK OF THIS SECTION, CAREFULLY INSPECT THE INSTALLED WORK OF ALL OTHER TRADES AND VERIFY THAT ALL SUCH WORK IS COMPLETE TO THE POINT WHERE THIS INSTALLATION MAY PROPERLY COMMENCE. DETERMINE LOCATION OF UNDERGROUND UTILITIES AND PERFORM WORK IN A MANNER WHICH WILL AVOID POSSIBLE DAMAGE TO ANY INSTALLEDUTILITIES.

B. LOCATION: 1. VERIFY THAT PLANTING MAY BE COMPLETED IN ACCORDANCE WITH THE ORIGINAL DESIGN AND THE REFERENCED STANDARDS. STAKE OUT LOCATIONS OF ALL PLANTS AND SECURE THE LANDSCAPE ARCHITECT APPROVAL BEFORE EXCAVATING PLANT PITS.

2. WHEN CONDITIONS DETRIMENTAL TO PLANT GROWTH ARE ENCOUNTERED, SUCH AS RUBBLE FILL, LEDGE, ADVERSE DRAINAGE CONDITIONS, OR OBSTRUCTIONS, NOTIFY THE LANDSCAPE ARCHITECT BEFORE PLANTING. C. DISCREPANCIES:

1. IN THE EVENT OF DISCREPANCY, IMMEDIATELY NOTIFY THE LANDSCAPE ARCHITECT. 2. DO NOT PROCEED WITH INSTALLATION IN AREAS OF DISCREPANCY UNTIL ALL SUCH DISCREPANCIES HAVE BEEN FULLY RESOLVED.

3.2 TREE PROTECTION AND REMOVAL A. REMOVAL OF TREES:

> 1. TREE REMOVAL UNDER THIS CONTRACT SHALL BE ACCOMPLISHED AS REQUIRED TO ACCOMODATE THE SCOPE OF WORK AS INDICATED ON THE SITE PLANS AS PREPARED BY SHERMAN, GREINER, HALLE', LTD. AND PROVAN & LORBER, INC. SITE GRADING AND GRUBBING WILL BE ACCOMPLISHED AS DIRECTED IN SECTION 02212 "SITE GRADING". ALL TREES AND STUMPS SHALL BE REMOVED FROM THE AREA TO BE OCCUPIED BY THE NEW PLAYFILEDS. ROADS, SURFACED AREAS AND PLANTED AREAS. REMOVAL OF TREES OUTSIDE THESE AREAS SHALL ONLY BE THOSE AS NOTED, MARKED AND APPROVED BY THE LANDSCAPE ARCHITECT 2. NO OTHER TREES MAY BE CUT EXCEPT BY PERMISSION OF THE LANDSCAPE ARCHITECT. ALL STUMPS SHALL BE REMOVED.

> **B. PROTECTION OF TREES:** 1. GENERAL PROTECTION: THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF TOPS, TRUNKS, AND ROOTS OF EXISTING TREES ON THE SITE THAT ARE TO REMAIN. EXISTING TREES SUBJECT TO CONSTRUCTION DAMAGE SHALL BE BOXED, FENCED OR OTHERWISE PROTECTED BEFORE ANY WORK IS STARTED; REMOVE BOXING WHEN DIRECTED. DO NOT PERMIT HEAVY EQUIPMENT OR STOCKPILES WITHIN BRANCH SPREAD. REMOVE INTERFERING BRANCHES WITHOUT INJURY TO TRUNKS AND

> COVER SCARS WITH TREE PAINT. 2. GRADING AROUND TREES: WHERE EXCAVATION, FILL OR GRADING IS REQUIRED WITHIN THE BRANCH SPREAD OF TREES THAT ARE TO REMAIN, THE WORK SHALL BE PERFORMED AS FOLLOWS:

> C. TRENCHING: WHEN TRENCHING OCCURS AROUND TREES TO REMAIN, THE TREE ROOTS SHALL NOT BE CUT BUT THE TRENCH SHALL BE TUNNELED UNDER AND AROUND THE ROOTS BY CAREFUL HAND DIGGING AND WITHOUT INJURY TO THE ROOTS. D. RAISING GRADES: WHEN THE EXISTING GRADE AT TREE IS BELOW THE NEW FINISHED GRADE, AND FILL NOT EXCEEDING 12 INCHES IS REQUIRED, CLEAN WASHED GRAVEL GRADED FROM 1 INCH TO 2 INCH SIZE SHALL BE PLACED DIRECTLY AROUND THE TREE TRUNK. THE GRAVEL SHALL EXTEND OUT FROM THE TRUNK ON ALL SIDES A MINIMUM OF 18 INCHES AND FINISH APPROXIMATELY 2 INCHES ABOVE THE FINISHED GRADE AT TREE. INSTALL GRAVEL BEFORE ANY EARTH FILL IS PLACED. NEW EARTH FILL SHALL NOT BE LEFT IN CONTACT WITH THE TRUNKS OF ANY TREES REQUIRING FILL.

E. TREES MARKED FOR PRESERVATION THAT ARE BURIED IN FILLS OVER 12" DEEP SHALL HAVE AN OPEN DRY WELL OF DURABLE MASONRY (WITHOUT MORTAR SITUATED AT LEAST 24" FROM THE TREE TRUNK. ALL WELLS ARE TO BE PROPERLY DRAINED. BEFORE FILLS OF OVER 12" ARE MADE UPON THE TREE ROOT AREAS, IT IS ADVISABLE TO SPREAD AT LEAST A 6" LAYER OF BROKEN STONE OR COARSE GRAVEL COVERED BY INVERTED SODS TO FACILITATE PROPER DRAINAGE AND AERATION. F. LOWERING GRADES: EXISTING TREES IN AREAS WHERE THE NEW FINISHED GRADE IS TO BE LOWERED, SHALL HAVE REGRADING WORK DONE BY HAND TO ELEVATION AS INDICATED. ROOTS AS REQUIRED SHALL BE CUT CLEANLY 3 INCHES BELOW FINISHED GRADE AND SCARS ARE COVERED WITH TREE PAINT. TREES MARKED FOR PRESERVATION THAT ARE LOCATED MORE THAN 6" ABOVE PROPOSED GRADES SHALL STAND ON BROAD ROUNDED MOUNDS AND BE GRADED SMOOTHLY INTO THE LOWER

3.3 PLANTING TREES, SHRUBS AND GROUND COVERS

LEVEL. EXPOSED OR BROKEN ROOTS SHALL BE CUT CLEAN AND COVERED WITH TOPSOIL.

A. GENERAL: 1. PLANT NURSERY STOCK IMMEDIATELY UPON DELIVERY TO THE SITE AND APPROVAL BY THE LANDSCAPE ARCHITECT EXCEPT THAT, IF THIS IS NOT FEASIBLE, HEAL\*IN ALL BALLED MATERIAL WITH DAMP SOIL AND PROTECT FROM SUN AND WIND.

2. REGULARLY WATER ALL NURSERY STOCK IN CONTAINERS AND TUBE:PAKS AND PLACE THEM IN A COOL AREA PROTECTED FROM SUN AND DRYING WINDS. B. EXCAVATION OF PLANT HOLES:

1. TREE PITS SHALL HAVE SUBSTANTIALLY VERTICAL SIDES AND HORIZONTAL BOTTOMS. DEPTH OF PIT BELOW FINISH GRADE SHALL BE AT LEAST 9 INCHES (FOR TREES) AND 6 INCHES (FOR SHRUBS) GREATER THAN THE DEPTH OF THE BALL. IN NO CASE SHALL DEPTH OF TREE PITS BE LESS THAN 24 INCHES BELOW FINISHED GRADE. DIAMETER OF PITS FOR ALL TREES SHALL BE AT LEAST 9 INCHES GREATER THAN THE MAXIMUM DIAMETER OF THE TREE BALL OR ROOT SYSTEM AND FOR SHRUBS 6 INCHES. 2. PLANTING POCKETS FOR TUBE>PAK, ONE GALLON CONTAINER SHRUBS, CONTAINERIZED PERENNIAL PLANTS & 1" CALIPER TREES INTENDED FOR "NATURALIZING" FILL AND DISTURBED SLOPES, SHALL BE EXCAVATED SIMILAR AS DESCRIBED ABOVE, BUT TO A DEPTH OF 6" BELOW THE BOTTOM OF THE TUBE:PAK OR CONTAINER AND A MINIMUM OF 12" IN DIAMETER.

C. PLANTING OPFRATION 1. TREES AND SHRUBS SHALL BE SUPPLIED IN SIZES SHOWN ON THE PLANTING PLANS WITH ALL PLANTS BALLED AND BURLAPPED, CONTAINERIZED, OR IN TUBE PAKS.

2. DURING PLANTING OPERATIONS, THE NURSERY STOCK SHALL NOT BE EXPOSED TO THE SUN, DRYING WINDS, OR WINTER FREEZING. 3. THE SOIL IN THE BOTTOM OF THE HOLE, WHICH HAS BEEN EXCAVATED TO THE PRESCRIBED REQUIREMENTS, SHALL BE LOOSENED TO A DEPTH OF 3 INCHES AND MIXED WITH AN EQUAL AMOUNT OF TOPSOIL. A COMPACTED MOUND OF SOIL SHALL BE FORMED IN THE CENTER OF THE HOLE TO SUPPORT THE ROOTS OF THE PLANT. THE PLANT SHALL BE PLACED ON THIS MOUND OF SOIL AND HELD IN A VERTICAL POSITION. THE PLANT SHALL BE SO SET, BY ADJUSTING THE ELEVATION OF THE MOUND, THAT AFTER SETTLEMENT THE PLANT WILL STAND AT APPROXIMATELY THE SAME DEPTH IT STOOD IN THE NURSERY OR FIELD.

4. THE PLANT HOLE SHALL BE BACKFILLED WITH TOPSOIL, PEAT AND MAG AMP MIXTURE PLACED IN LAYERS AROUND THE ROOTS. EACH LAYER SHALL BE CAREFULLY TAMPED TO FILL ALL VOIDS AND PLACED IN MANNER TO AVOID INJURY TO THE TREE OR DISTURBING THE POSITION OF THE PLANT.

5. ALL BURLAP, ROPES OR WIRES SHALL BE REMOVED FROM THE UPPER THIRD OF BALLS. TREES WITH WIRE BASKETS SHALL HAVE THE TOP 12" OF THE WIRE BASKET COMPLETELY REMOVED IF PRACTICAL. REMOVAL OF BASKET WIRE SHALL BE DONE WITH BOLT CUTTER OR SIMILAR DEVICE AND NOT BEFORE THE BOTTOM HALF OF PLANT HOLE HAS BEEN BACKFILLED AND TAMPED SO AS TO PREVENT THE BALL FROM BREAKING APART OR LOOSENING DURING THIS OPERATION. UNTIE AND REMOVE ALL ROPES 6. WHEN APPROXIMATELY TWO>THIRDS OF THE PLANT HOLE HAS BEEN BACKFILLED, THE HOLE SHALL BE FILLED WITH WATER AND THE SOIL ALLOWED TO SETTLE AROUND

THE ROOTS. AFTER THE WATER HAS BEEN ABSORBED, THE PLANT HOLE SHALL BE FILLED WITH TOPSOIL AND TAMPED LIGHTLY TO GRADE. ANY SETTLEMENT SHALL BE 7. ALL PLANTS SHALL BE SET PLUMB AND STRAIGHT, AND AT SUCH A LEVEL THAT, AFTER SETTLEMENT, A NORMAL OR NATURAL RELATIONSHIP OF THE TRUNK CROWN OF THE

PLANT WITH THE GROUND SURFACE WILL BE ESTABLISHED. PLANTS SHALL BE LOCATED IN THE CENTER OF THE PIT. THE SURFACE ABOUT THE PLANT SHALL BE SMOOTH AND FORMED TO A CUP>SHAPED DEPRESSION ABOUT THE STEM OR TRUNK SO AS TO HOLD WATER. ONCE THIS CUP>SHAPED DEPRESSION HAS BEEN FORMED, THEN APPLY THE "ROOTS" GROWTH ENHANCER/BIOSTIMULANT, PER MANUFACTURER'S RECOMMENDATIONS, TO ALL TREES, SHRUBS AND PERENNIALS PRIOR TO MULCHING. UPON COMPLETION OF THE PLANTING, ALL SURPLUS SUBSOIL AND WASTE MATERIALS SHALL BE REMOVED.

8. FOR PLANTS ON LEVEL GROUND OR SLIGHT SLOPES, THE CONTRACTOR SHALL FORM AND LEAVE A SHALLOW BASIN A LITTLE LARGER THAN THE DIAMETER OF THE PLANT AROUND EACH PLANT. AFTER PLANTING, CULTIVATE THE SOIL IN THE SHRUB BED BETWEEN TREE/SHRUB PITS, RAKE SMOOTH AND OUTLINE AS PER PLANS. 9. IN CASE OF PLANTING IN THE OPEN ON HOT DAYS, SHORTEN THE TIME BETWEEN PLANTING AND WATERING.

A. SUB GRADE PREPARATION: SEED BED PREPARATION SHALL PERTAIN TO THE PREPARATION OF THE SURFACE OF THE GROUND TO RECEIVE THE SEED. THE GROUND SHALL BE HAND OR MACHINE RAKED SO AS TO REMOVE ALL DEBRIS, CLODS, STONES, OR OTHER FOREIGN MATTER LARGER THAN 1 INCH, TO A DEPTH OF 4 INCHES. PRIOR TO DUMPING SECTION 02930 - SEEDING AND SODDING AND SPREADING OF TOPSOIL. THE SURFACE SHALL BE SCARIFIED TO A MINIMUM DEPTH OF 2 INCHES TO FACILITATE BONDING OF TOPSOIL TO SUB GRADE SOIL. WHERE SUB GRADES HAVE BEEN COMPACTED ARTIFICIALLY SCARIFY TO A DEPTH OF 6 INCHES. PRIOR TO SPREADING TOPSOIL, ALL SUB GRADES SHALL BE GRADED EVENLY ACCORDING TO THE CONTRACT DOCUMENTS. SUCH DEBRIS, CLODS, ROCKS, AND OTHER MATERIAL SO REMOVED SHALL BE DISPOSED OF AS APPROVED BY THE LANDSCAPE ARCHITECT/OWNER'S REPRESENTATIVE. SEED BED PREPARATION SHALL NOT COMMENCE UNTIL THE MOISTURE CONDITIONS MAKE THE GROUND AREA AND SOIL FRIABLE. B. PREPARING UNDISTURBED AREAS: AREAS TO BE SEEDED, WHICH HAVE NOT BEEN DISTURBED BY SITE GRADING OR TOPSOIL STRIPPING OPERATIONS, SHALL BE MOWED AND RAKED PRIOR TO TILLING AND TOP SOILING OPERATIONS. TILLAGE OF THE EXISTING VEGETATION INTO THE GROUND WILL NOT BE ACCEPTED.

A. SPREADING: TOPSOIL SHALL BE SPREAD EVENLY ON THE PREPARED AREAS TO A MINIMUM DEPTH OF 6 INCHES AFTER MACHINE COMPACTION. SPREADING SHALL NOT BE

DONE WHEN THE GROUND OR TOPSOIL IS FROZEN OR EXCESSIVELY WET. AFTER SPREADING, ANY LARGE, STIFF CLODS OR HARD LUMPS SHALL BE BROKEN UP AND THE GROUND SHALL BE HAND OR MACHINE RAKED TO REMOVE ALL DEBRIS, STONES, AND FOREIGN MATTER LARGER THAN 1 INCH TO A DEPTH OF 4 INCHES. B. FINISH GRADING: GRADE THE AREAS TO FINISH GRADES FILLING AS NEEDED OR REMOVING SURPLUS DIRT AND FLOATING AREAS TO A SMOOTH UNIFORM GRADE. ALL LAWN AREAS SHALL SLOPE TO DRAIN. WHERE NO GRADES ARE SHOWN, AREAS SHALL HAVE A SMOOTH AND CONTINUAL GRADE BETWEEN EXISTING OR FIXED CONTROLS (SUCH AS WALKS, CURBS, OR WALLS). RAKE AND LEVEL AS NECESSARY TO OBTAIN TRUE EVEN LAWN SURFACES. ALL FINISH GRADES SHALL MEET THE APPROVAL OF THE LANDSCAPE

ARCHITECT BEFORE SEED IS SOWN OR SOD IS PLACED. C. SEED BED PREPARATION: AFTER FINISH GRADING AND JUST BEFORE SEEDING, THE AREAS TO BE SEEDED SHALL BE LOOSENED TO PROVIDE A ROUGH, FIRM BUT FINELY PULVERIZED SEED BED. THE INTENT IS A TEXTURE CAPABLE OF RETAINING WATER, SEED, AND FERTILIZER WHILE REMAINING STABLE AND ALLOWING SEED TIME TO GERMINATE. SEED SHALL BE APPLIED TO THE CONDITIONED SEED BED NOT MORE THAN 48 HOURS AFTER THE SEED BED HAS BEEN PREPARED.

D. WATER: IF THERE HAS BEEN A TIME LAPSE BETWEEN THE PLACEMENT OF TOPSOIL AND SEEDING OPERATIONS TO ALLOW IT TO BECOME SETTLED AND COMPACTED ON THE SURFACE, THE AREA TO BE PLANTED WITH SEED SHALL BE THOROUGHLY HARROWED, WORKED TO A DEPTH OF 4 INCHES SO AS TO PROVIDE A SURFACE OF SUCH CONDITION THAT IT WILL ALLOW HAND RAKING AND APPLICATION OF THE SEED IN COMPLIANCE WITH THESE SPECIFICATIONS. E. FERTILIZER/SOIL AMENDMENTS: APPLICATION OF FERTILIZER WILL BE IN 2 STAGES. TWO WEEKS PRIOR TO APPLICATION OF SEED, FERTILIZER SHALL BE APPLIED AT THE RATE OF 3 LBS/1000 S.F. FOR TURF AREAS. FERTILIZER SHALL BE APPLIED BY BROADCASTING OR DRILL METHODS; IT SHALL BE APPLIED SEPARATELY FROM THE SEED AND MIXED

INTO THE SOIL TO A MINIMUM DEPTH OF 2 INCHES AND MAY BE INCORPORATED AS PART OF THE TOPSOIL PLACEMENT AND SEED BED PREPARATION OPERATIONS. SPRINKLE IMMEDIATELY AFTER INITIAL APPLICATION OF THE FERTILIZER WITH A FINE SPRAY UNTIL GROUND IS THOROUGHLY SATURATED, WITH PARTICULAR CARE TO AVOID RUNOFF ON SLOPING AREAS.

1. THE 2ND APPLICATION WILL FOLLOW THE FOLLOWING SEASON WITHIN THE SPECIFIED WARRANTY PERIOD AT A RATE DETERMINED BY SOIL TEST RESULTS FOR BOTH TURF AND NATIVE GRASS/ WILDFLOWER AREAS. 2. APPLICATION OF SUPERPHOSPHATE AND GROUND LIMESTONE SHALL BE APPLIED AT RATES DETERMINED BY SOILS TEST RESULTS

SPECIFIED. IF SOIL IS TOO LOOSE OR DRY FOR GOOD HANDLING, IT SHOULD BE MOISTENED AND ROLLED LIGHTLY. 4. SEEDING SHALL BE DONE WITHIN THE SPECIFIED TIME PERIODS AND AT THE FOLLOWING RATES: a. FINE LAWN SEED SHALL BE SOWN AT A RATE OF 3.0 POUNDS PER 1000 SQUARE FEET AND SHALL BE PLANTED IN THE SPRING FROM APRIL LST TO MAY 30TH OR IN THE FALL FROM AUGUST 16TH TO OCTOBER 1ST.

AREAS WHICH FAIL TO REVEAL AN AVERAGE OF TWO SEEDS PER SQUARE INCH WILL BE RE-SOWN AT NO ADDITIONAL EXPENSE TO THE OWNER. THE APPLIED SEED,

3. SEEDING: IMMEDIATELY PRIOR TO THE APPLICATION OF THE SEED, THE SOIL SHALL BE LOOSE TO A DEPTH OF AT LEAST 1 INCH AND FREE FROM ALL MATERIAL AS

b. NATIVE SEED MIX SHALL BE SOWN AT A RATE OF 5.0 POUNDS PER 1000 SQUARE FEET AND SHALL BE PLANTED IN THE SPRING FROM APRIL LST TO MAY 30TH OR IN THE 5. METHODS: SEEDING BY DRILL IS PREFERABLE, HOWEVER, HYDRAULIC SEEDING OR BROADCASTING WILL BE PERMITTED. BROADCAST SEEDING AND HYDRAULIC SEEDING SHALL NOT BE USED DURING ADVERSE WEATHER. AREAS SOWN BY HYDRAULIC OR BROADCAST METHODS WILL BE VISUALLY INSPECTED FOR UNIFORMITY OF APPLICATION.

REGARDLESS OF APPLICATION, SHALL NOT BE COVERED BY A SOIL THICKNESS NO GREATER THAN 1/2 INCH. a. SEEDING BY DRILL: SEEDING EQUIPMENT USED FOR APPLYING GRASS SEED MUST BE DESIGNED, MODIFIED, OR EQUIPPED TO REGULATE THE APPLICATION RATE AND PLANTING DEPTH OF GRASS SEED. SEED MUST BE UNIFORMLY DISTRIBUTED IN THE DRILL HOPPER DURING THE DRILLING OPERATION. ALL GRASS ESTABLISHMENT EQUIPMENT SHALL BE OPERATED PERPENDICULAR TO THE SLOPE DRAINAGE. A DRILL SHALL BE NO WIDER THAN THE WIDTH OF THE AREA WHICH IT IS TO OPERATE. THE ROWS OF PLANTED SEEDS SHALL BE A MAXIMUM OF 8 INCHES APART AND SHALL BE AT RIGHT ANGLES TO THE FINISHED SLOPES.

ON A STILL DAY USING A HOPPER TYPE SEEDER WITH ONE HALF OF THE SEED FOR EACH AREA BEING SOWN AT RIGHT ANGLES TO THE OTHER HALF. SEED DISTRIBUTION BY BROADCASTING SHALL BE COVERED WITH 1/4 TO 1/2 INCH OF SOIL. THE SEED MAY BE COVERED BY RAKING, DRAGGING, OR BY APPROPRIATE MECHANICAL MEANS. c. HYDRAULIC SEEDING: WHEN HYDRAULIC SEED IS USED, SEED AND MULCH SHALL BE APPLIED IN SEPARATE AND DISTINCT OPERATIONS EXCEPT FOR THE FOLLOWING

b. BROADCAST SEEDING: WHEN SEED IS SOWN BY BROADCASTING, EXERCISE GREAT CARE THAT A UNIFORM DISTRIBUTION OF SEED IS OBTAINED. SEEDING SHALL BE DONE

6. THE CONTRACTOR MUST PROVIDE ONE POUND OF MULCH PER EACH THREE GALLONS OF WATER IN THE HYDROSEEDER AS A CUSHION AGAINST SEED DAMAGE. THE MULCH USED AS A CUSHION MAY BE PART OF THE TOTAL REQUIRED MULCH WITH THE REMAINDER APPLIED AFTER THE SEED IS METERING DURING APPLICATION.

7. THE CONTRACTOR MAY APPLY MULCH AND LAWN SEED MIX HYDRAULICALLY IN A SINGLE APPLICATION, PROVIDING ONE HALF OF THE SEED HAS BEEN SOWED BY BROADCAST OR DRILL METHODS AS AN INITIAL APPLICATION AND THE RATE OF APPLICATION OF LAWN SEED MIX INCREASED BY 4 POUNDS PER 1000 SQUARE FEET. 8. THE APPLICATION OF THE SEED SLURRY SHALL BE MADE WITH EQUIPMENT HAVING A BUILT IN AGITATION SYSTEM AND OPERATING CAPACITY SUFFICIENT TO AGITATE, SUSPEND AND HOMOGENEOUSLY MIX A SLURRY CONTAINING WATER, SEED, AND MULCH OF SEED. THE SLURRY SHALL BE SPRAYED OVER THE SOIL IN A UNIFORM COAT. ALL HYDRAULICALLY SEED AREAS SHALL BE HYDROMULCHED UPON COMPLETION.

F. WATERING: WATERING IMMEDIATELY AFTER SEEDING OR MULCHING WITH A FINE SPRAY TO A DEPTH OF 6 INCHES. AVOID RUNOFF ON SLOPING AREAS. THE SURFACE LAYER OF THE SOIL MUST BE KEPT DAMP BY FREQUENT LIGHT WATERING DURING THE GERMINATION PERIOD AND UNTIL PLANTS ARE FIRMLY ROOTED. G. PROTECTION: PROTECT ALL SEEDED AREAS BY ERECTING TEMPORARY FENCES, BARRIERS, SIGNS, ETC. AS NECESSARY TO PREVENT TRAMPLING. THEY SHALL REMAIN IN

H. MULCHING: 1. MULCH ALL HYDROSEEDED AREAS, DRAINAGE SWALES, SLOPES 4:1 OR STEEPER, AND ANY AREAS WHERE LIKELY HAZARD OF EROSION EXISTS. TOPSOIL OR SEED WHICH WASHES OUT FOR REASONS ATTRIBUTABLE TO THE CONTRACTOR'S ACTIVITIES OR FAILURE TO TAKE PROPER PRECAUTIONS, SHALL BE REPLACED AT THE CONTRACTOR'S

a. ALL STRUCTURES SHALL BE PROTECTED FROM HYDRAULIC APPLICATION OF MULCH MATERIAL AND MATERIAL DEPOSITED ON FACILITIES SHALL BE REMOVED. b. MULCH SHALL NOT BE APPLIED IN THE PRESENCE OF FREE SURFACE WATER, BUT MAY BE APPLIED ON DAMP GROUND. 2. APPLICATION OF ORGANIC MULCH

a. WET APPLICATION: ORGANIC MULCH SHALL BE MIXED WITH WATER AT A RATE OF ONE POUND MULCH (DRY WEIGHT) TO ONE GALLON OF WATER HYDRAULICALLY APPLIED AS PER MANUFACTURERS RECOMMENDATIONS AT A MINIMUM RATE OF 2000 POUNDS PER ACRE. b. DRY APPLICATION: ORGANIC MULCH SHALL BE BROADCAST AT A MINIMUM RATE OF 2000 POUNDS PER ACRE, AND SHALL BE ROLLED LIGHTLY TO SET FIRMLY INTO THE

SOIL 3.6 MULCHING A. MULCHING:

> 1. ALL TREES AND SHRUB BEDS WILL BE CULTIVATED FOLLOWING THE GENERAL SHAPE OF THE BEDS AS INDICATED ON THE PLANS. FORM A SAUCER AROUND THE TOP OF THE PLANTING PIT TO HELP HOLD WATER DURING WATERING AND FORM THE OUTLINE FOR MULCHING.

> 2. APPLY THE SHREDDED BARK MULCH TO A DEPTH OF 4", EVENLY SPREAD OVER THE ENTIRE AREA OF EACH PLANTING PIT. 3. THOROUGHLY SOAK ALL MULCH AREAS. AFTER WATERING, RAKE MULCHED AREAS AND LEAVE IN A COMPLETED AND FINISHED CONDITION.THOROUGHLY SOAK ALL MULCH

AREAS. AFTER WATERING, RAKE MULCHED AREAS AND LEAVE IN A COMPLETED AND FINISHED CONDITION.

PLACE FOR AT LEAST SIX WEEKS UNLESS OTHER ARRANGEMENTS ARE MADE WITH THE LANDSCAPE ARCHITECT.

3.7 STAKING, GUYING, AND WRAPPING A. STAKING AND GUYING:

1. TREES, GREATER THAN 1>1/2" IN CALIPER, SHALL BE STAKED IMMEDIATELY AFTER PLANTING. GUY WIRES SHALL BE ENCASED IN HOSE TO PREVENT DIRECT CONTACT WITH BARK OF THE TREE OR IT SHALL BE PLACED AROUND THE TRUNK IN A SINGLE LOOP. WIRES SHALL BE TIGHTENED AND KEPT TAUNT BY TWISTING THE STRANDS TOGETHER OR WITH TURNBUCKLES.

2. WRAP TREES IMMEDIATELY AFTER PLANTING, BUT NOT BEFORE THE CONDITION OF THE TRUNKS HAS BEEN INSPECTED AND APPROVED. CAREFULLY WRAP THE TRUNKS OF DECIDUOUS TREES WITH TREE WRAPPING PAPER. BEGIN THE WRAPPER AT THE BASE OF THE TRUNK JUST ABOVE THE ROOTS AND BELOW THE NORMAL GROUND LINE, AND EXTEND WRAPPING UPWARD IN SPIRAL MANNER WITH AN OVERLAP OF ONE:HALF (1/2) THE WIDTH OF THE PAPER STRIP. COVER WITH SOIL THE PORTION OF THE WRAPPING BELOW THE FINISHED GRADE. THE PAPER SHALL BE HELD IN PLACE WITH APPROVED TWINE OR TAPE. TIE THE TWINE AROUND THE TREE IN AT LEAST THREE PLACES, IN ADDITION TO THE TOP AND BOTTOM.

3. TREE GUYING AND STAKING SHALL BE AS DETAILED AS PER PROJECT PLANS AND COMPLETED IMMEDIATELY AFTER PLANTING.

3.8 PRUNING A. GENERAL

1. EACH TREE SHALL BE PRUNED IN ACCORDANCE WITH STANDARD HORTICULTURAL PRACTICE TO PRESERVE NATURAL CHARACTER OF PLANT. THE OBJECTIVE IS TO PRESERVE A SHAPE AND FORM REPRESENTATIVE OF THE SPECIES. PRUNING SHALL BE DONE WITH CLEAN, SHARP TOOLS.

B. PRUNING: 1. ALL DEAD WOOD, SUCKERS, BADLY BRUISED OR BROKEN BRANCHES SHALL BE REMOVED. THE TOPS OF DECIDUOUS PLANTS SHALL BE PRUNED EITHER BEFORE OR AFTER PLANTING TO BALANCE ROOT LOSS DUE TO TRANSPLANTING. THIS SHALL CONSIST OF REMOVING ONE-FORTH OF THE CROWN BY THINNING OUT AND/OR HEADING BACK THE STEMS AND TOP BRANCHES, AND SHALL BE DONE SO THAT THE PLANT RETAINS ITS NATURAL FORM. EXCEPT WHEN HEADING BACK, ALL CUTS SHALL BE MADE FLUSH WITH THE TRUNK OR BRANCH, NEVER CUT A LEADER.

2. CUTS OVER 1/2 INCH IN DIAMETER SHALL BE PAINTED WITH AN APPROVED TREE PAINT. PAINT SHALL COVER ALL EXPOSED CAMBIUM AS WELL AS OTHER EXPOSED LIVING TISSUE. PAINT SHALL BE WATERPROOF, ADHESIVE AND ELASTIC, ANTISEPTIC, FREE FROM KEROSENE, COAL TAR CREOSOTE OR ANY OTHER MATERIAL INJURIOUS TO THE LIFE OF THE TREE AND SHALL BE APPROVED BEFORE IT IS USED. USE "WOODTAR" OR APPROVED EQUAL

3. TREES THAT HAVE BEEN SO BADLY PRUNED AS TO SPOIL THEIR REPRESENTATIVE FORM AND USEFULNESS SHALL BE REMOVED AND REPLACED.

3.9 WATERING

A. ALL PLANTS SHALL BE WATERED TWICE WITHIN THE FIRST 24 HOURS OF THE TIME OF PLANTING, AND ALL PLANTS DURING THE MAINTENANCE PERIOD SHALL BE WATERED AT LEAST TWICE EACH WEEK. AT EACH WATERING THE SOIL AROUND EACH TREE OR SHRUB SHALL BE THOROUGHLY SATURATED. IF SUFFICIENT MOISTURE IS RETAINED IN THE SOIL, AS DETERMINED BY THE LANDSCAPE ARCHITECT, THE REQUIRED WATERING MAY BE REDUCED.

3.10 INSPECTION FOR ACCEPTANCE AND CLEAN-UP

A. INSPECTION: 1. IN ADDITION TO THE NORMAL PROGRESS INSPECTIONS, SCHEDULE AND CONDUCT THE FOLLOWING FORMAL INSPECTIONS, GIVING THE LANDSCAPE ARCHITECT AT LEAST

24 HOURS PRIOR NOTICE OF READINESS FOR INSPECTION. 2. INSPECTION OF PLANTS IN CONTAINERS PRIOR TO PLANTING.

3. INSPECTION OF PLANT LOCATIONS, TO VERIFY COMPLIANCE WITH THE PLANS. 4. FINAL INSPECTION AFTER COMPLETION OF PLANTING. SCHEDULE THIS INSPECTION SUFFICIENTLY IN ADVANCE, AND IN COOPERATION WITH THE LANDSCAPE ARCHITECT

SO THAT FINAL INSPECTION MAY BE CONDUCTED WITHIN 24 HOURS AFTER COMPLETION OF PLANTING. 5. FINAL INSPECTION AT THE END OF THE MAINTENANCE PERIOD, PROVIDED THAT ALL PREVIOUS DEFICIENCIES HAVE BEEN CORRECTED.

6. THE LANDSCAPE ARCHITECT WILL INSPECT ALL WORK FOR ACCEPTANCE UPON WRITTEN REQUEST OF THIS SUBCONTRACTOR 7. ACCEPTANCE OF LAWNS SHALL BE GRANTED FOR THE WORK IN ITS ENTIRETY. NO PARTIAL ACCEPTANCE SHALL BE GIVEN.

8. SOD AND FINE LAWNS SHALL EXHIBIT A UNIFORM, THICK, WELL'DEVELOPED STAND OF GRASS WHICH HAS RECEIVED A MINIMUM OF THREE CUTTINGS. LAWN AREAS SHALL 9. NATIVE GRASS AREAS SHALL EXHIBIT A UNIFORM. THICK, WELL DEVELOPED STAND OF GRASS WHICH HAS RECEIVED A MINIMUM OF THREE CUTTINGS. NATIVE GRASS IE AREAS SHALL HAVE NO BARE SPOTS IN EXCESS OF FOUR (4") INCHES IN DIAMETER AND BARE SPOTS SHALL COMPRISE NO MORE THAN TWO PERCENT (2%) OF THE TOTAL

AREA OF THE LAWN. 10. NO LAWN AREAS SHALL EXHIBIT SIGNS OF DAMAGE FROM EROSION, WASHOUTS, GULLIES OR OTHER CAUSES. 11. BUILDING AND PAVEMENT SURFACES ADJACENT TO LAWN AREAS SHALL BE CLEAN AND FREE OF SPILLS OR OVERSPRAY FROM PLACING OR HANDLING OF TOPSOIL AND

SEEDING OPERATIONS.

B. ACCEPTANCE: 1. UPON WRITTEN REQUEST OF THE CONTRACTOR, THE LANDSCAPE ARCHITECT SHALL INSPECT ALL LAWN AREAS TO DETERMINE COMPLETION OF THE CONTRACT WORK. THIS REQUEST MUST BE SUBMITTED AT LEAST FIVE (5) DAYS PRIOR TO THE ANTICIPATED INSPECTION DATE AND AFTER THE THIRD MOWING OF FINE LAWNS. 2. IF THE LAWNS ARE NOT ACCEPTABLE, THE LANDSCAPE ARCHITECT SHALL INDICATE CORRECTIVE MEASURES TO BE TAKEN, AND SHALL EXTEND THE MAINTENANCE PERIOD AS NECESSARY FOR THE COMPLETION OF WORK. THE CONTRACTOR SHALL BE REQUIRED TO REQUEST A SECOND INSPECTION OF THE LAWNS AS DESCRIBED ABOVE. THIS INSPECTION SHALL NOT TAKE PLACE UNTIL THE LAWN AREA IN QUESTION HAS RECEIVED AT LEAST ONE ADDITIONAL CUTTING. THIS PROCESS SHALL BE REPEATED UNTIL THE TOTAL AREA OF THE LAWN BEING INSPECTED IS ACCEPTABLE.

3. IF THE LAWN AREAS ARE ACCEPTABLE TO THE LANDSCAPE ARCHITECT, HE SHALL ARRANGE A MEETING OF THE CONTRACTOR AND THE OWNER TO ACCEPT THE LAWN WORK. A FINAL INSPECTION SHALL BE PART OF THIS MEETING TO INSURE ACCEPTABILITY. AT THIS MEETING, THE CONTRACTOR SHALL BE FURNISHED WITH A WRITTEN ACCEPTANCE FOR THE LAWN SECTION BEING APPROVED. THE CONTRACTOR SHALL HAND OVER MAINTENANCE OF THE LAWN TO THE OWNER AT THIS MEETING, AND SHALL PROVIDE THE OWNER WITH THREE COPIES OF THE MAINTENANCE MANUAL FOR THE LAWN AS DESCRIBED HEREIN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MAINTENANCE AND CORRECTIVE WORK UNTIL THE CONCLUSION OF THIS MEETING.

C. CI FAN:UP: 1. FOLLOWING THE ACCEPTANCE OF LAWNS, THE CONTRACTOR SHALL IMMEDIATELY REMOVE FROM THE SITE ALL MATERIALS AND EQUIPMENT NOT REQUIRED FOR OTHER PLANTING OR MAINTENANCE WORK. MATERIALS AND EQUIPMENT REMAINING ON THE SITE SHALL BE STORED IN LOCATIONS WHICH DO NOT INTERFERE WITH THE OWNER'S MAINTENANCE OF ACCEPTED LAWNS OR OTHER OPERATIONS.

A. DRAWINGS AND GENERAL PROVISIONS OF CONTRACT, INCLUDING GENERAL CONDITIONS AND DIVISION 1 SPECIFICATION SECTIONS APPLY TO THIS SECTION. B. EXAMINE ALL OTHER SECTIONS OF THE SPECIFICATIONS FOR REQUIREMENTS WHICH AFFECT WORK OF THIS SECTION WHETHER OR NOT SUCH WORK IS SPECIFICALLY MENTIONED IN THIS SECTION. SEE DRAWINGS FOR LOCATIONS AND DETAILS. C. COORDINATE WORK WITH THAT OF ALL OTHER TRADES AFFECTING, OR AFFECTED BY WORK OF THIS SECTION. COOPERATE WITH SUCH TRADES TO ASSURE THE STEADY

PROGRESS OF ALL WORK UNDER THE CONTRACT. 1.2 SUMMARY

A. WORK IN THIS SECTION INCLUDES THE FOLLOWING: 1. FURNISHING ALL MATERIALS, SUPPLIES, LABOR, EQUIPMENT AND PERFORMING ALL OPERATIONS IN CONNECTION WITH FINISH GRADING OF TOPSOIL, AND PREPARATION THEREOF FOR SEEDING, LAYING OF SOD, FERTILIZING, LIMING, HYDRO>MULCHING, EROSION CONTROL, MAINTENANCE AND PROTECTION OF ALL PLANTED AND PAVED AREAS

AND CLEAN>UP.

B. RELATED SECTIONS (AS MAY BE PROVIDED BY CIVIL ENGINEER): SECTION 02300 "EARTHWORK" SECTION 02955 "TREES, SHRUBS AND GROUND COVERS"

LOCAL GOVERNING AUTHORITY AND CODE REQUIREMENTS. ALL NECESSARY CONSTRUCTION PERMITS.

1. CERTIFICATES ATTESTING THAT THE FOLLOWING MATERIAL MEET THE REQUIREMENTS SPECIFIED, SHALL BE SUBMITTED TO THE LANDSCAPE ARCHITECT FOR THEIR SELECTION AND APPROVAL IN ACCORDANCE WITH THE REQUIREMENTS OF GENERAL CONDITIONS.

b. FERTILIZER

2. MANUFACTURER'S LITERATURE/PRODUCT DATA MANUFACTURER'S LITERATURE ON THE FOLLOWING MATERIALS SHALL BE SUBMITTED TO THE LANDSCAPE ARCHITECT. a. MULCH b. HYDROMULCH BINDER

c. EROSION CONTROL FABRIC

A. QUALIFICATIONS OF WORKMEN: 1. PROVIDE AT LEAST ONE PERSON WHO SHALL BE PRESENT AT ALL TIMES DURING EXECUTION OF THIS PORTION OF THE WORK AND WHO SHALL BE THOROUGHLY FAMILIAR WITH THE TYPE OF MATERIALS BEING INSTALLED AND THE BEST METHODS FOR THEIR INSTALLATION AND WHO SHALL DIRECT ALL WORK PERFORMED UNDER THIS SECTION.

1.5 DELIVERY, STORAGE, HANDLING

A. SEED: SEED SHALL BE DELIVERED IN ORIGINAL SEALED PACKAGES BEARING THE PRODUCER'S GUARANTEED ANALYSIS FOR PERCENTAGES OF MIXTURES, PURITY, GERMINATION, WEED SEED CONTENT, AND INERT MATERIAL. SEED SHALL BE LABELED IN CONFORMANCE WITH THE U.S. DEPARTMENT OF AGRICULTURAL RULES AND REGULATIONS AND APPLICABLE STATE SEED LAWS. SEED THAT HAS BECOME WET, MOLDY, OR DAMAGED, WILL NOT BE ACCEPTABLE.

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PROJECT TITLE / ADDRESS: **GRAPPONE MAZDA** 

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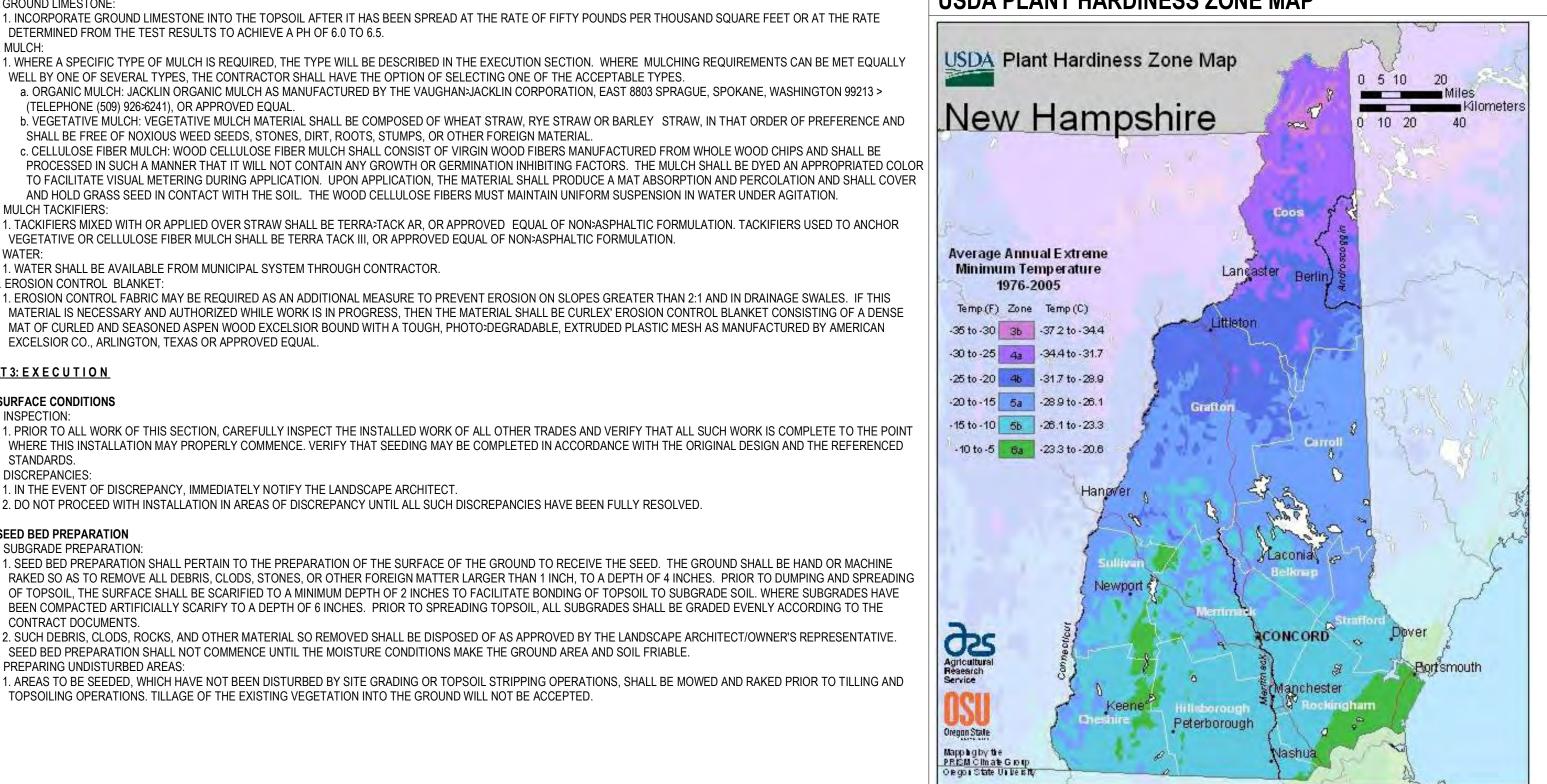
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RAPHANUS RAPHANISTRUM L. SSP

RHINANTHUS MINOR L. SSP. MINOR

(POURRET EX LAPEYR.) AKEROYD

SECURIGERA VARIA (L.) LASSEN

SILPHIUM PERFOLIATUM I

SINAPIS ARVENSIS L

SOLANUM DULCAMARA I

SONCHUS ARVENSIS L

TANACETUM VULGARE L

TUSSILAGO FARFARA L

TYPHA ×GLAUCA GODR

VALERIANA OFFICINALIS

VINCA MINOR L.

RUMEX ACETOSELLA L. SSP. PYRENAICUS

SOLANUM CAROLINENSE L. VAR. CAROLINENSE

SORBARIA SORBIFOLIA (L.) A. BRAUN

RAPHANISTRUM

27 Warren Street Concord NH 03301 T 603.225.0640 F 603.225.0621 www.warrenstreet.coop

NOBIS GROUP 18 CHENELL DRIVE CONCORD, NH 03301

COMMON NAME

PROJECT TITLE / ADDRESS: **GRAPPONE MAZDA** 

134 MANCHESTER STREET CONCORD, NH 03301



SCALE: AS NOTED DWN BY: KL JOB #: 3714

WILD RADISH

SHEEP DOCK

LITTLE YELLOW#ATTLE

PURPLE CROWN>VETCH

CUP\*PLANT ROSINWEED

CAROLINA NIGHTSHADE

CLIMBING NIGHTSHADE

FIELD SOW>THISTLE

FALSE SPIRAEA

COMMON TANSY

HYBRID CATTAIL

COMMON VALERIAN

LESSER PERIWINKLE

COLTSFOOT

CORN CHARLOCK

RHINANTHUS CRISTA GALLI L., IN PART; R. CRISTA GALLI L. VAR. FALLAX (WIMMER & GRAB.) DRUCE; R.

.. VAR. PYRENAICUS (POURRET EX LAPEYR.) TIMBAL¾AGRAVE; R. PYRENAICUS POURRET EX LAPEYR.

ACETOSELLA VULGARIS (KOCH) FOURR. SSP. PYRENAICA (POURRET EX LAPEYR.) Á. LÖVE; RUMEX ACETOSELLA

BRASSICA ARVENSIS RABENH.; B. KABER (DC.) L.C. WHEELER; B. KABER (DC.) L.C. WHEELER VAR. PINNATIFIDA

SONCHUS ARVENSIS L. SSP. ULIGINOSUS (BIEB.) NYMAN; S. ULIGINOSUS BIEB

SCHIZONOTUS SORBIFOLIUS (L.) LINDL.; SPIRAEA SORBIFOLIA I

CHRYSANTHEMUM ULIGINOSUM PERS.; C. VULGARE (L.) BERNH

STENOPHYLLUS (SCHUR) SCHINZ & THELLUNG

CORONILLA VARIA I

(STOKES) L.C. WHEELER

CHK BY: JH

PRINT DATE 1/7/2022 3:26:26 PM

ISSUE DATE: 01/06/2022 ISSUED FOR PB REVIEW

COMMENTS

INVASIVE SPECIES LIST

RCHITECTS INC. WITH THE SOLE INTENT TO BUILD THE PROJECT TITLED ABOVE AT ON OCATION NOTED HEREIN. THE USE OF THE CONTENT FOR ANY OTHER PURPOSE IS

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BEEN COMPACTED ARTIFICIALLY SCARIFY TO A DEPTH OF 6 INCHES. PRIOR TO SPREADING TOPSOIL, ALL SUBGRADES SHALL BE GRADED EVENLY ACCORDING TO THE 2. SUCH DEBRIS, CLODS, ROCKS, AND OTHER MATERIAL SO REMOVED SHALL BE DISPOSED OF AS APPROVED BY THE LANDSCAPE ARCHITECT/OWNER'S REPRESENTATIVE. SEED BED PREPARATION SHALL NOT COMMENCE UNTIL THE MOISTURE CONDITIONS MAKE THE GROUND AREA AND SOIL FRIABLE. 1. AREAS TO BE SEEDED, WHICH HAVE NOT BEEN DISTURBED BY SITE GRADING OR TOPSOIL STRIPPING OPERATIONS, SHALL BE MOWED AND RAKED PRIOR TO TILLING AND TOPSOILING OPERATIONS. TILLAGE OF THE EXISTING VEGETATION INTO THE GROUND WILL NOT BE ACCEPTED.

1. EROSION CONTROL FABRIC MAY BE REQUIRED AS AN ADDITIONAL MEASURE TO PREVENT EROSION ON SLOPES GREATER THAN 2:1 AND IN DRAINAGE SWALES. IF THIS

MAT OF CURLED AND SEASONED ASPEN WOOD EXCELSIOR BOUND WITH A TOUGH, PHOTO>DEGRADABLE, EXTRUDED PLASTIC MESH AS MANUFACTURED BY AMERICAN

1. SEED BED PREPARATION SHALL PERTAIN TO THE PREPARATION OF THE SURFACE OF THE GROUND TO RECEIVE THE SEED. THE GROUND SHALL BE HAND OR MACHINE

G. EROSION CONTROL BLANKET:

PART 3: EXECUTION

3.1 SURFACE CONDITIONS

A. INSPECTION:

STANDARDS

B. DISCREPANCIES:

3.2 SEED BED PREPARATION A. SUBGRADE PREPARATION

PREPARING UNDISTURBED AREAS

EXCELSIOR CO., ARLINGTON, TEXAS OR APPROVED EQUAL.

1. IN THE EVENT OF DISCREPANCY, IMMEDIATELY NOTIFY THE LANDSCAPE ARCHITECT.

2. DO NOT PROCEED WITH INSTALLATION IN AREAS OF DISCREPANCY UNTIL ALL SUCH DISCREPANCIES HAVE BEEN FULLY RESOLVED.

**ARCHITECTS** 

27 Warren Street Concord NH 03301 T 603.225.0640 F 603.225.0621 www.warrenstreet.coop

**CIVIL ENGINEER NOBIS GROUP** 18 CHENELL DRIVE CONCORD, NH 03301

PROJECT TITLE / ADDRESS:

134 MANCHESTER STREET.

CONCORD, NH 03301



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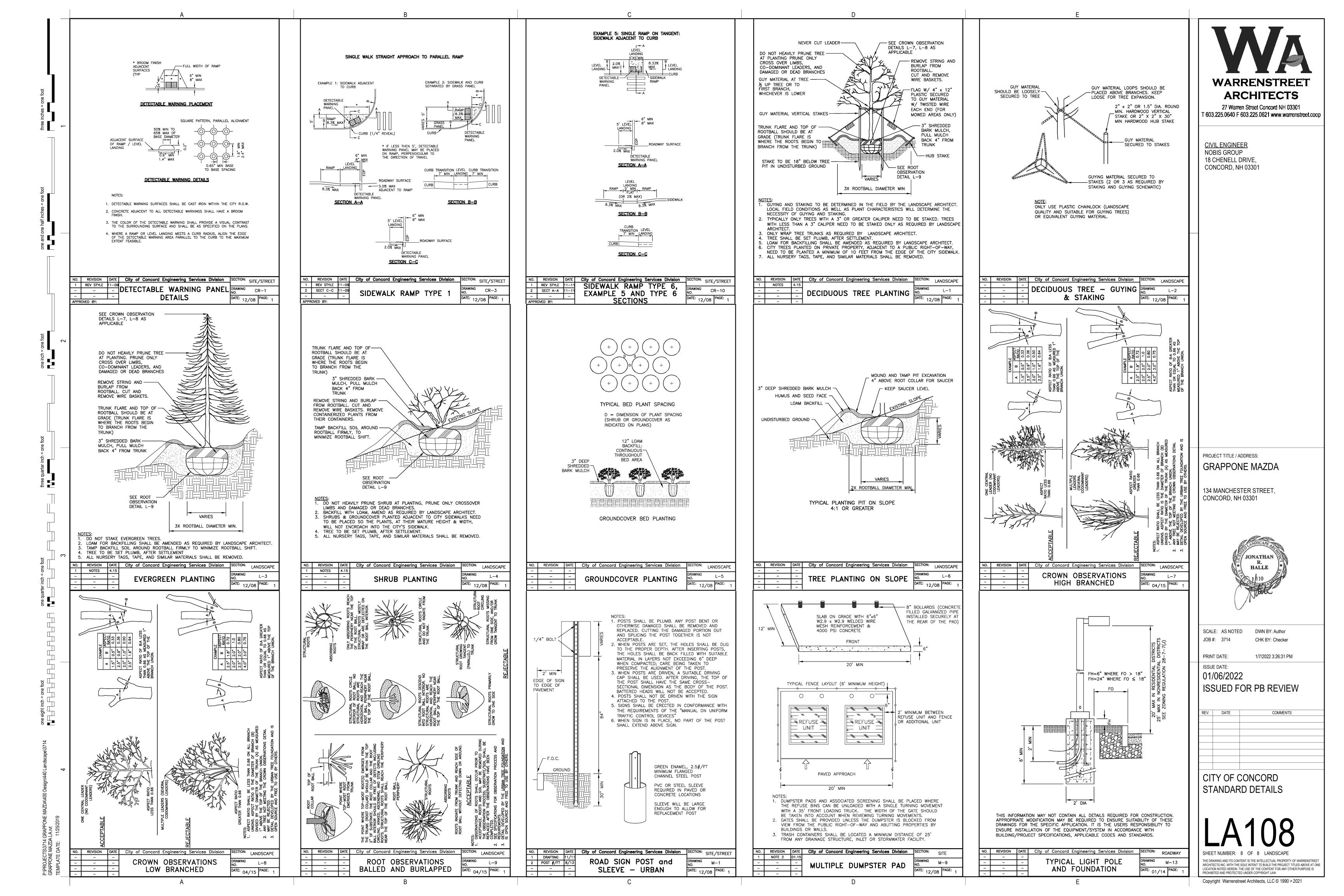
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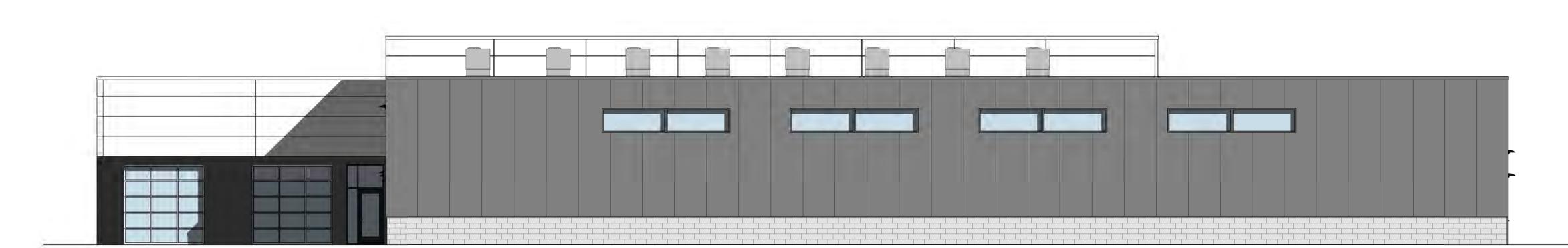
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NORTH ELEVATION 1/8" = 1'-0"

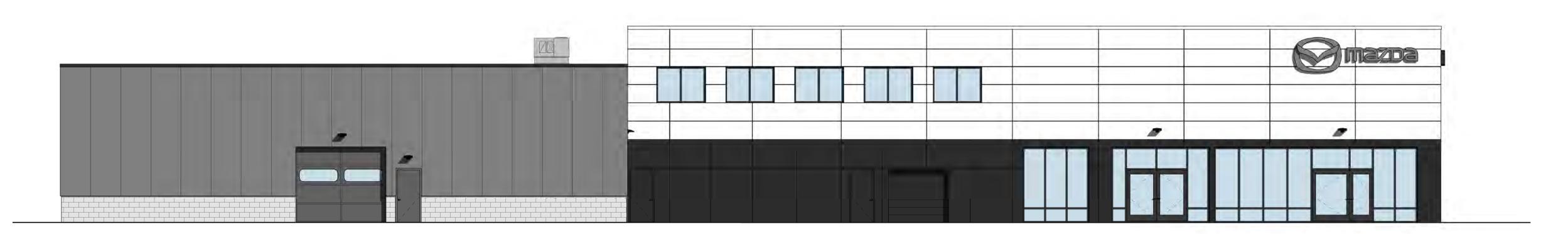


WEST ELEVATION
1/8" = 1'-0"



SOUTH ELEVATION

1/8" = 1'-0"



EAST ELEVATION 1/8" = 1'-0"

WARRENSTREET
ARCHITECTS
27 Warren Street Concord NH 03301
T 603.225.0640 F 603.225.0621 www.warrenstreet.coop

OWNER
GRAPPONE AUTOMOTIVE GROUP,
CONCORD, NH 03301

CONSTRUCTION MANAGER
ECKMAN CONSTRUCTION
84 PALOMINO LANE
BEDFORD, NH 03110
P. (603) 623-1713

PROJECT TITLE / ADDRESS:

GRAPPONE MAZDA

134 MANCHESTER STREET, CONCORD, NH 03301

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714 CHK BY: SD

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ISSUE DATE:

DESIGN REVIEW SET

REVISION DATE COMMENTS

COLORED ELEVATIONS

SHEET NUMBER: OF ? ARCHITECTURAL

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BIM 360://3714 Grappone Mazda/3714
2021-10-05 Grappone Mazda R21.rvt one eight inch = one foot

