CANVAS

LAWRENCE TOWNSHIP, NJ LANDSCAPE PLANS

OWNER / DEVELOPER

REYNOLDS ASSET MANAGEMENT, LLC 45 EISENHOWER PARKWAY, #500 PARAMUS, NEW JERSEY 07652 PHONE: (267) 303-3382

LANDSCAPE ARCHITECT

MELILLO | BAUER | CARMAN LANDSCAPE ARCHITECTURE 200 UNION AVENUE BRIELLE, NEW JERSEY 08730

ARCHITECT

PHONE: (732) 528-0664

THRIVEN DESIGN

756 HADDON AVENUE COLLINGSWOOD, NEW JERSEY 08108 PHONE: (856) 854-1880

CIVIL ENGINEER

MIDATLANTIC ENGINEERING PARTNERS 1971 HIGHWAY 34, SUITE 201 WALL TOWNSHIP, NEW JERSEY 07719 PHONE: (732) 722-5899

04/24/2024 (SITE PLAN SUBMISSION)

CA	NVAS		
	(PROJECT #24-110		
DRAWING LIST			
	O O VED CLIEFT	0.175	
L-1	COVER SHEET OVERALL PLAN	DATE 04.24.24	SITE PLAN SUBMISSION
L-2	LANDSCAPE PLAN	04.24.24	SITE PLAN SUBMISSION
L-3	LIGHTING PLAN	04.24.24	SITE PLAN SUBMISSION
L-4	SITE DETAILS	04.24.24	SITE PLAN SUBMISSION
L-5	RENDERED VIEWS	04.24.24	SITE PLAN SUBMISSION
L-6	RENDERED VIEWS	04.24.24	SITE PLAN SUBMISSION
L-7	PLANTING DETAILS	04.24.24	SITE PLAN SUBMISSION

General Notes:

1. THE CONTRACTOR SHALL GIVE ALL NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS, AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY BEARING ON THE PERFORMANCE OF THE WORK.

2. ALL BASE INFORMATION AND UTILITY LAYOUT WAS PROVIDED BY: MIDATLANTIC ENGINEERING PARTNERS 1971 HIGHWAY 34, SUITE 201, WALL TOWNSHIP, NEW JERSEY 07719 (732) 722-5899

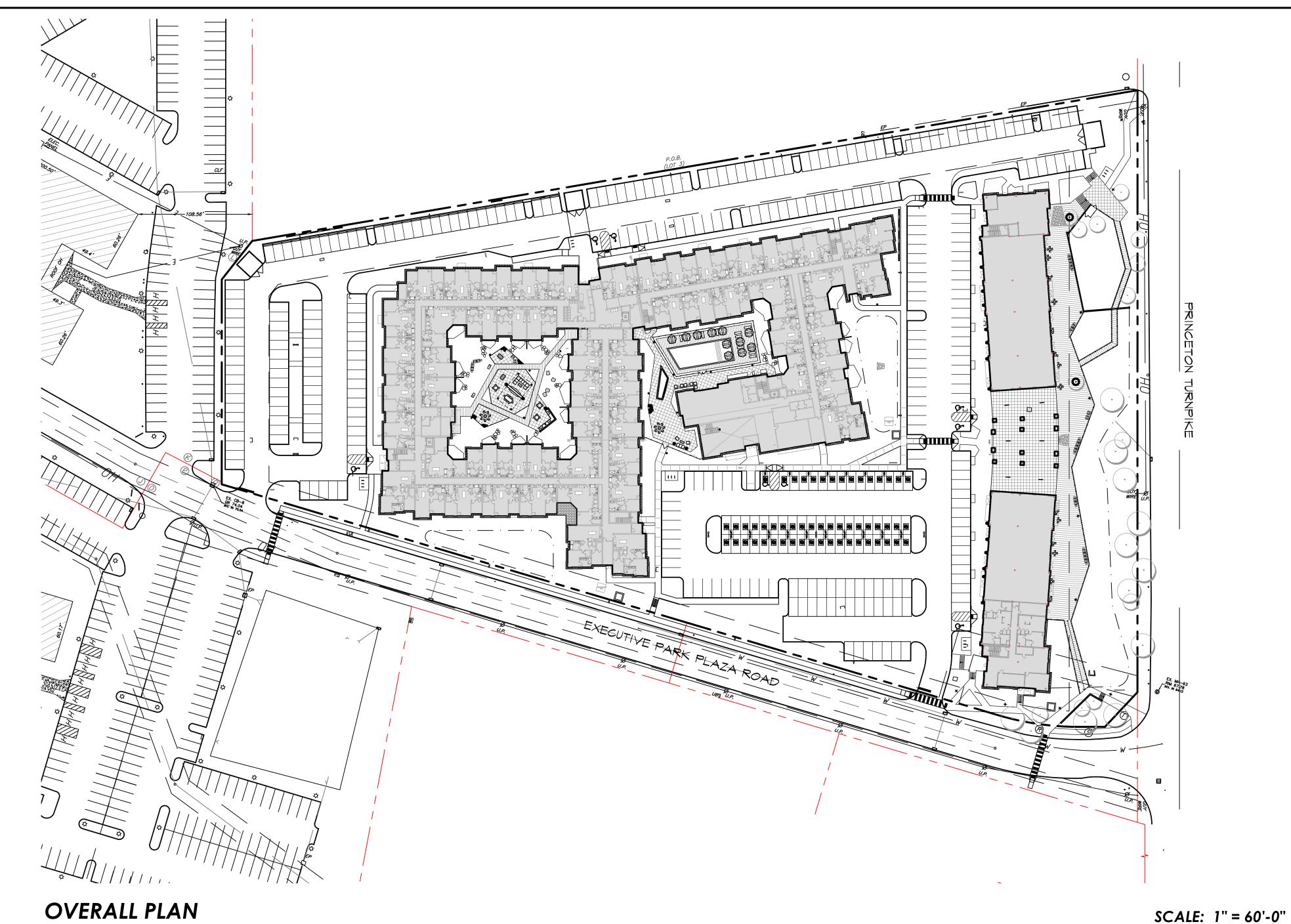
3. ALL GRADING SHALL BE VERIFIED IN THE FIELD BEFORE CONSTRUCTION AND SHALL BE COORDINATED WITH THE LANDSCAPE ARCHITECT AND CIVIL ENGINEER.

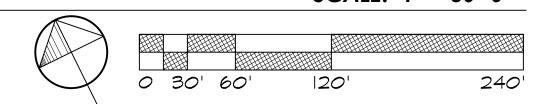
4. ALL PAVING SURFACES SHALL BE FLUSH AND MEET SMOOTHLY AND EVENLY. NO WALKS SHALL EXCEED 5% OR A 2% CROSS-PITCH. ALL WALKS TO BE LAID OUT IN THE FIELD UNDER THE DIRECTION OF THE LANDSCAPE ARCHITECT.

5. ALL SITE DETAILS SHALL BE REVIEWED AND SUPPLEMENTED BY A PROFESSIONAL NEW JERSEY LICENSED STRUCTURAL ENGINEER WHO SHALL SPECIFY ALL STRUCTURAL DATA, FOOTINGS, REINFORCEMENT, HARDWARE, ETC. REQUIRED FOR STRUCTURAL INTEGRITY, SAFETY AND COMPLIANCE WITH LOCAL CODES AND CONDITIONS PRIOR TO CONSTRUCTION.

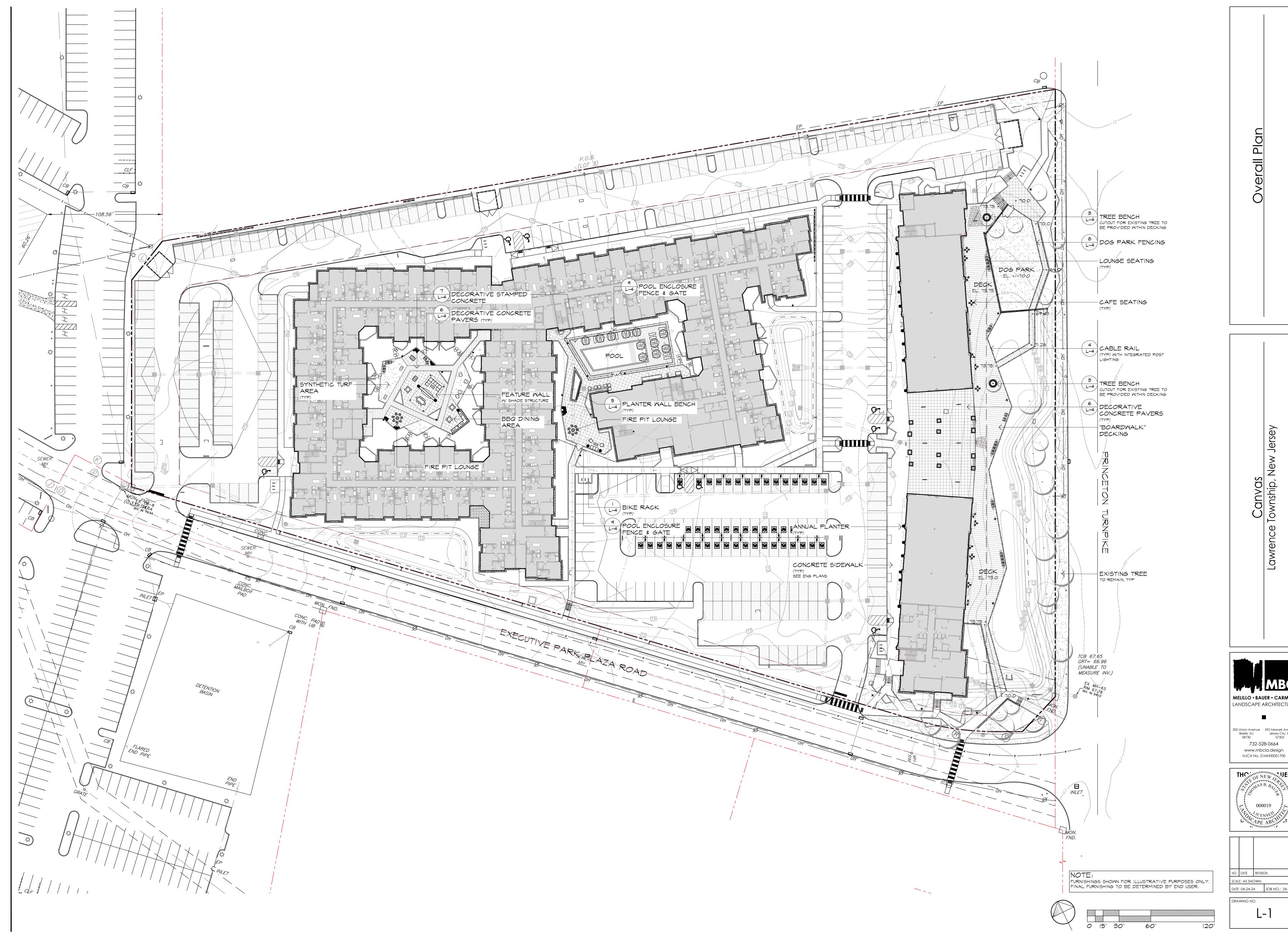
6. ALL ARCHITECTURAL INFORMATION WAS PROVIDED BY: THRIVEN DESIGN 756 HADDON AVENUE, COLLINGSWOOD, NEW JERSEY 08108 (856) 854-1880

7. ALL PLANTED AREAS SHALL BE IRRIGATED WITH DRIP IRRIGATION. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS.
8. ALL PLANT MATERIAL/LANDSCAPE MATERIALS SUBSTITUTIONS SHALL BE APPROVED BY THE L.A./OWNERS



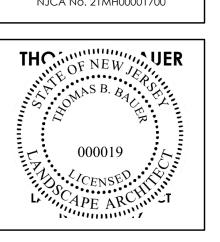




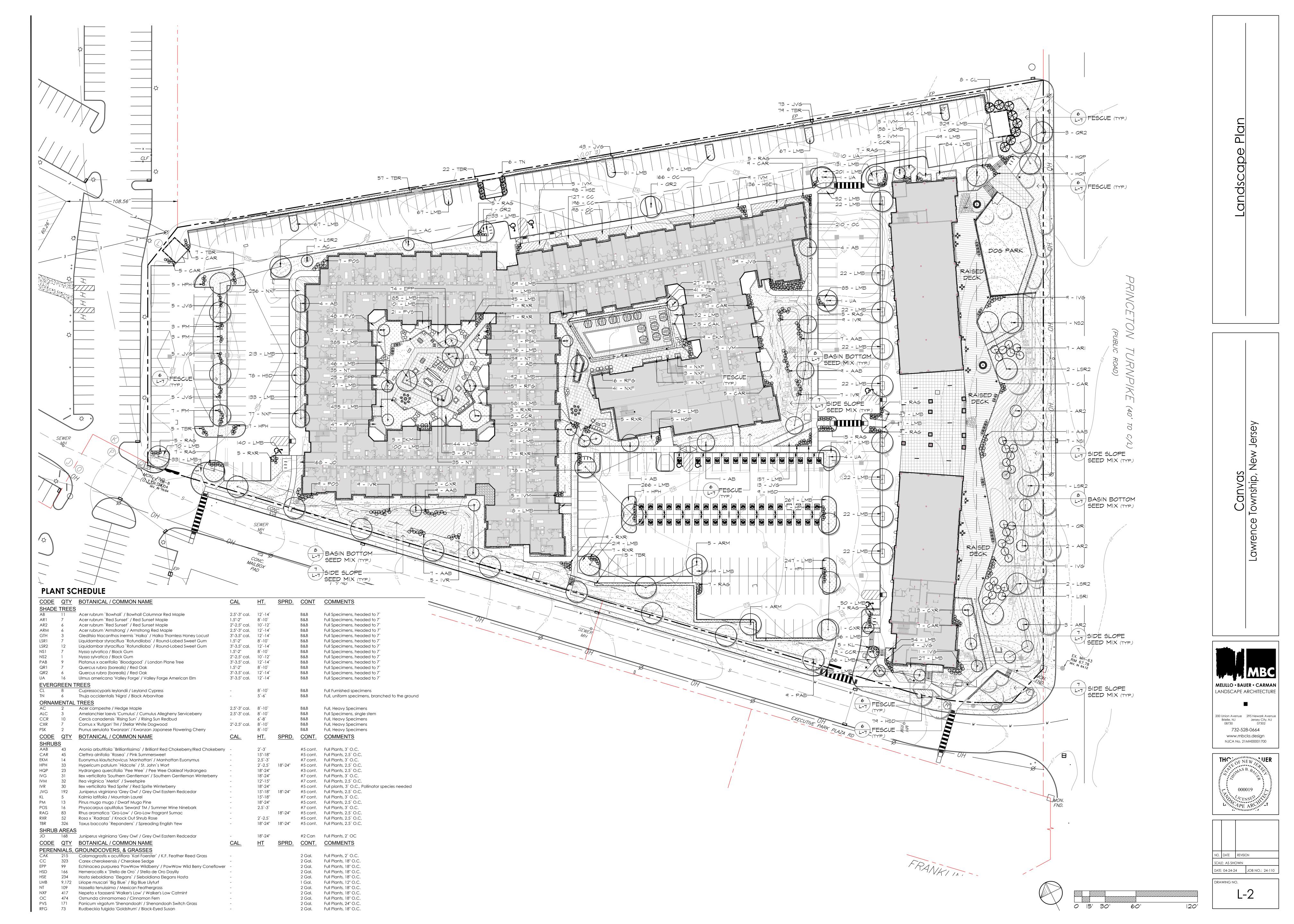


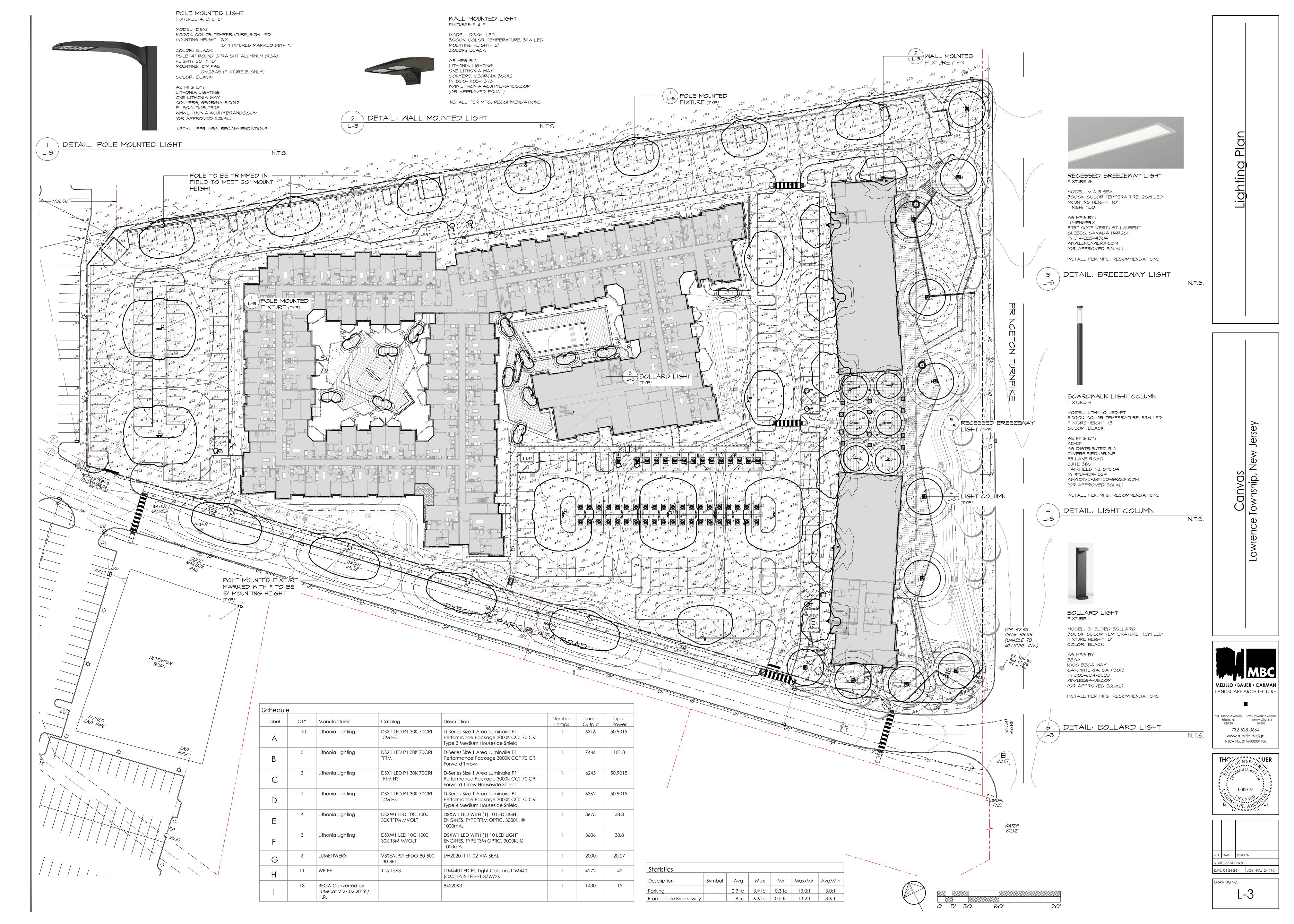
Canvas Township, New

MELILLO - BAUER - CARMAN LANDSCAPE ARCHITECTURE 00 Union Avenue 295 Newark Avenue Brielle, NJ Jersey City, NJ 08730 07302 732-528-0664



DATE: 04-24-24 JOB NO.: 24-110





DETAIL: BIKE RACK

BIKE RACK MODEL: EMERSON MOUNTING: SURFACE MOUNT COLOR/FINISH: TO BE SELECTED AS MFG BY: LANDSCAPE FORMS 7800 E. MICHIGAN AVE KALAMAZOO, MI 49048 P: 800-430-6209 WWW.LANDSCAPEFORMS.COM

(OR APPROVED EQUAL) INSTALL PER MFG. RECOMMENDATIONS



MODEL: MULTIPLICITY LITTER W/ RECYCLING RECPTACLE MOUNTING: SURFACE MOUNT COLOR/FINISH: TO BE SELECTED AS MFG BY: LANDSCAPE FORMS

7800 E. MICHIGAN AVE KALAMAZOO, MI 49048 P: 800-430-6209 WWW.LANDSCAPEFORMS.COM (OR APPROVED EQUAL) INSTALL PER MFG. RECOMMENDATIONS

DETAIL: TRASH & RECYCLE

TRASH/RECYCLING

N.T.S.



DETAIL: TREE BENCH

SEE PLAN FOR LOCATIONS AS MFG BY: MAGLIN SITE FURNITURE 3-466 INNOVATION WAY MOODSTOCK, ON N4VOB9 P: 800-716-5506 MMM.MAGLIN.COM (OR APPROVED EQUAL)

MOUNTING: SURFACE MOUNT

COLOR/FINISH: TO BE SELECTED

MODEL: OGDEN, RANGE I CIRCULAR BENCH

TREE BENCH



SAWCUT DECORATIVE JOINT @ 3/16" WIDE AND 1/4"

COLORED/STAMPED CONCRETE W/ 6" X 6" / IO X IO

FIELD COLOR & STAMP PATTERN TO BE SELECTED BY LANDSCAPE

SAWCUT CONTROL JOINTS @ 3/16" WIDE AND I"

W.W.F. IN TOP & OF SLAB.

MFG. BY: SCOFIELD COMPANY

280 PARK AVE., RUTHERFORD, NJ 07070

4" SLAB THICKNESS

ARCHITECT.

800.800.9900

CABLE RAIL MODEL: DESIGN RAIL CLASSIC HEIGHT: 42" COLOR/FINISH: TO BE SELECTED AS MFG BY: FEENEY RAIL 2603 UNION ST OAKLAND, CA 94607 P: 800-888-2418 WWW.LANDSCAPEFORMS.COM

(OR APPROVED EQUAL) INSTALL PER MFG. RECOMMENDATIONS

N.T.S.

DETAIL: CABLE RAIL N.T.S.

DENSE GRADED AGGREGATE

BASE COURSE (TYP.)

COMPACTED SUBGRADE

4" DEPTH



5 DETAIL: WALL TOP BENCH

PLANTER WALL BENCH MODEL: OGDEN, STRAIGHT WALL COLOR/FINISH: TO BE SELECTED

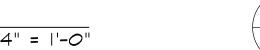
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MAGLIN SITE FURNITURE 3-466 INNOVATION WAY MOODSTOCK, ON N4VOB9 P: 800-716-5506 MMM.MAGLIN.COM (OR APPROVED EQUAL)

INSTALL PER MFG. RECOMMENDATIONS

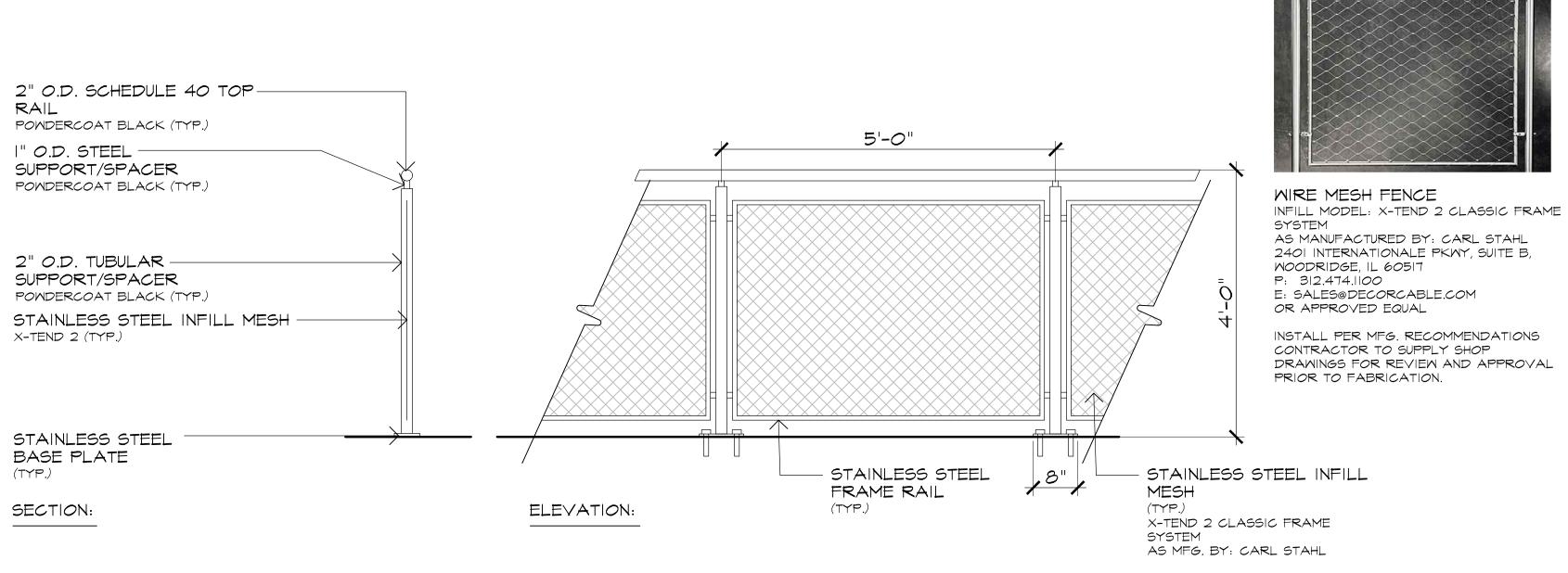
DECORATIVE PAVER (TYP.) — 3/4" BITUMINOUS SETTING BED -COMPACTED AGGREGATE SUBSTRATE — SUITABLE FOR INTENDED USE COMPACTED SOIL SUB-GRADE -NOTE: JOINTS SHALL BE SWEPT WITH DRY SAND, STRUCTURAL ENGINEER TO REVIEW ALL BASE DEPTHS PRIOR TO CONSTRUCTION.

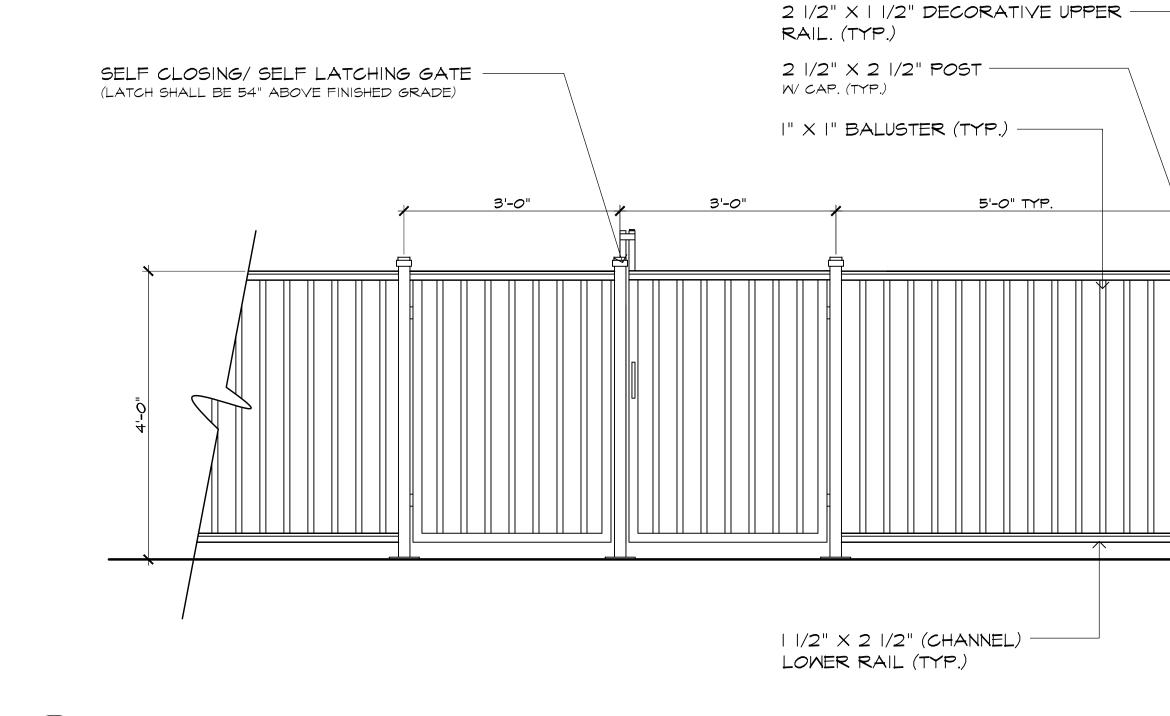
DETAIL: DECORATIVE CONCRETE PAVERS



DETAIL: DECORATIVE STAMPED CONCRETE

SCALE: 3/4" = 1'-0"





ALUMINUM FENCE & GATE W/ SELF CLOSING/SELF LATCHING GATE. LATCH SHALL BE 54" ABOVE FINISHED

HEIGHT: 48" COLOR: TO BE SELECTED

MFG. BY: CARFARO, INC. HAMILTON TOWNSHIP, NJ 08619 609.890.6600

CONTRACTOR SHALL VERIFY FENCE & GATES MEET ALL CODES PRIOR TO FABRICATION. CONTRACTOR TO SUBMIT SHOP DRAWINGS TO LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO FABRICATION INSTALL PER MFG. RECOMMENDATIONS.

DETAIL: DOG PARK FENCING L-4

SCALE: 3/4" = 1'-0"

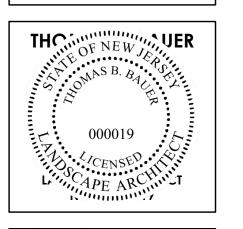
DETAIL: POOL ENCLOSURE FENCING

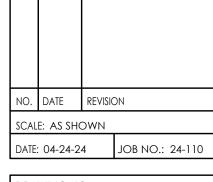
SCALE: 3/4" = 1'-0"

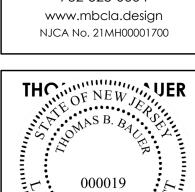


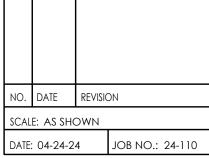
732-528-0664 www.mbcla.design NJCA No. 21MH00001700

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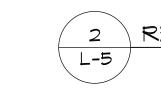




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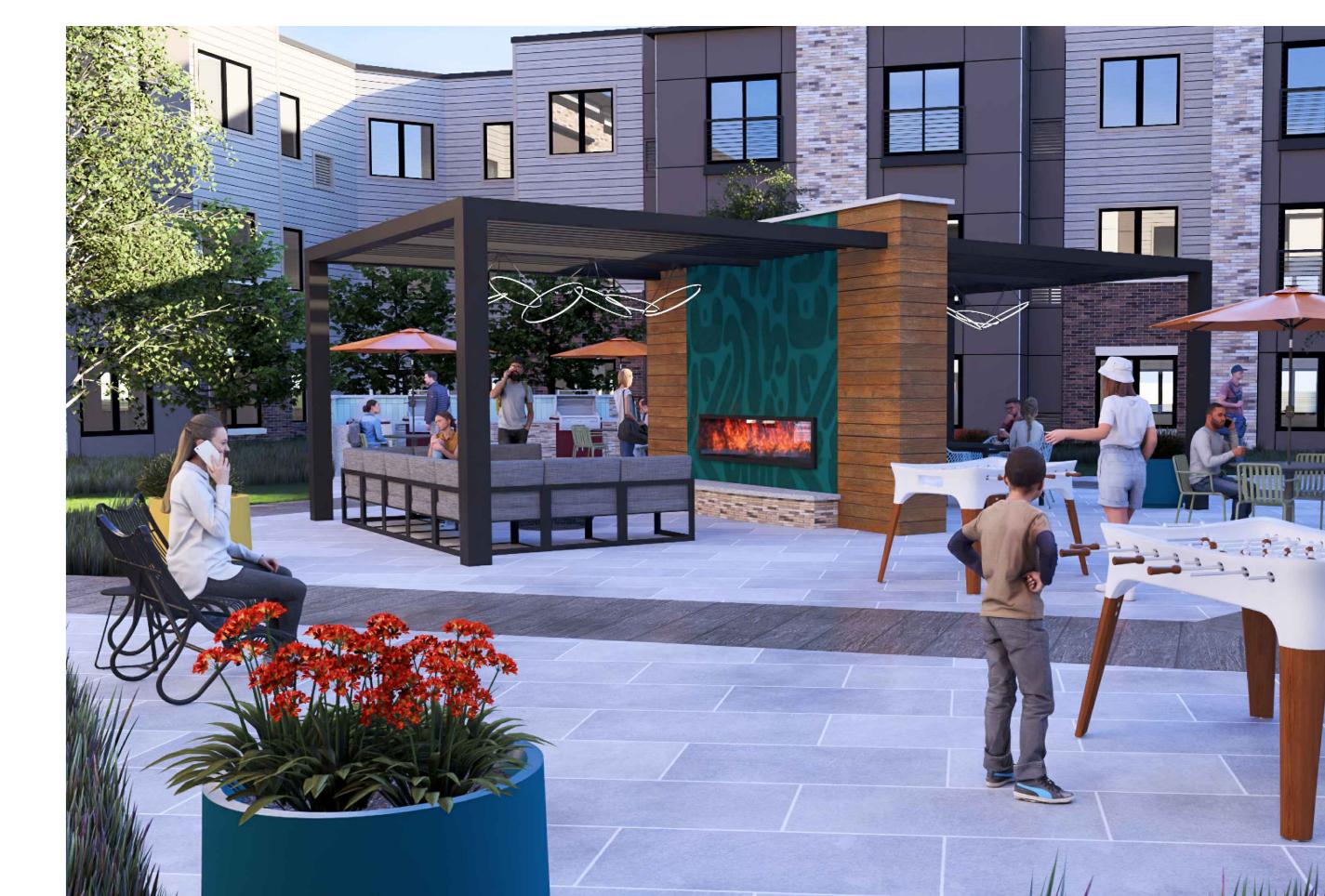






2 RENDERED VIEW: POOL COURTYARD







3 RENDERED VIEW: INTERIOR COURTYARD

L-5

RENDERED VIEW: POOL COURTYARD

N.T.S.

4 RENDERED VIEW: INTERIOR COURTYARD
L-5



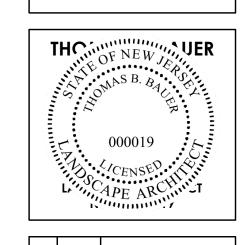


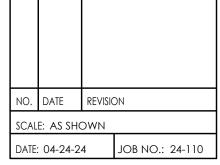
RENDERED VIEW: DOG PARK

2 RENDERED VIEW: BOARDWALK ACCESSIBLE PATH

N.T.S.







DRAWING NO.

L-6

-DISTANCE OF STAKES APPROXIMATELY EQUAL TO HEIGHT OF ATTACHMENT. -WHEN PLANTING ON SLOPES, PLACE SINGLE STAKE DOWNHILL, AND TWO STAKES UPHILL

PRUNE DAMAGED AND CONFLICTING BRANCHES MAINTAINING NORMAL TREE SHAPE. NEVER CUT CENTRAL TRUNK OR LEADER AND DO NOT REMOVE THE TERMINAL BUDS OF BRANCHES THAT EXTEND TO THE EDGE OF THE CROWN. -ARBOR TIE

TREE WRAP - WRAP TREE WITH BREATHABLE FABRIC FROM TRUNK FLARE TO THE FIRST BRANCH. SECURE WITH BIO-DEGRADABLE TAPE

-THE TRUNK FLARE OF EACH TREE SHALL BE VISIBLE AT THE TOP OF THE ROOT BALL. IF NURSERY GRADE IS ABOVE THE FLARE THE CONTRACTOR SHALL CAREFULLY EXCAVATE THE TOP OF THE ROOT BALL TO EXPOSE THE TRUNK FLARE. TREES WHOSE TRUNK FLARE IS NOT VISIBLE SHALL BE REJECTED. DO NOT COVER THE THE TOP OF THE ROOT BALL WITH SOIL.

-REMOVE ALL ROPE FROM TRUNK AND TOP OF BALL. REMOVE BURLAP FROM THE TOP (HALF) 1/2 OF THE ROOT BALL. WHEN A WIRE BASKET IS PRESENT THE WIRE BASKET SHALL BE REMOVED FROM THE TOP HALF OF THE ROOT BALL OR AS MUCH AS POSSIBLE TO PRESERVE THE INTEGRITY OF THE ROOT BALL -3" SHREDDED HARDWOOD BARK MULCH, UNIFORMLY SPREAD. MULCH SHALL NOT BE IN CONTACT WITH THE TRUNK OF THE TREE

-3" SAUCER RIM -30" ARBOR TIE STEEL EYE STAKE, 3 PER TREE (INSTALL PER MFG. SPECIFICATIONS) -FINISH GRADE

-BACKFILL MIXTURE, SHALL BE A THOROUGHLY MIXED BLEND OF TOPSOIL & SOIL AMENDMENTS. AMENDMENTS SHALL BE ADDED AS RECOMMENDED BY A CERTIFIED SOIL TEST. AIR POCKETS SHALL REMOVED FROM BACKFILL TAMP SOIL AROUND ROOT BALL BASE FIRMLY TO PREVENT THE ROOT BALL FROM SHIFTING.

-PLACE ROOT BALL ON UNEXCAVATED OR TAMPED SOIL. -UNDISTURBED GRADE

SECTION

PLAN

SECTION

PLAN

-CONTRACTOR SHALL PARTIALLY FILL WITH WATER A REPRESENTATIVE NUMBER OF PITS IN EACH AREA OF THE PROJECT PRIOR TO PLANTING TO DETERMINE IF THERE IS ADEQUATE PERCOLATION. IF PIT DOESN'T PERCOLATE, MEASURES MUST BE TAKEN TO ASSURE PROPER DRAINAGE BEFORE PLANTING. -CONTRACTOR SHALL REMOVE STAKING, GUYING AND WRAP AT END OF GUARANTEE PERIOD. All PLANTING MUST BE GUARANTEED FOR ONE FULL GROWING SEASON FROM THE TIME OF FINAL ACCEPTANCE BY THE OWNER OR GOVERNING AUTHORITY.

-ON ALL FALL PLANTINGS THE CONTRACTOR SHALL WRAP THE TREES SPECIFIED BY THE LANDSCAPE ARCHITECT (ACER spp.) FROM THE TRUNK FLARE TO THE FIRST BRANCH. TREE WRAP SHALL BE REMOVED BY APRIL I. TREE WRAP SHALL BE BREATHABLE AND AS APPROVED BY THE LANDSCAPE ARCHITECT. -TREE WRAP SHALL BE INSTALLED AT THE TIME OF PLANTING AND BE REMOVED AS DIRECTED BY THE LANDSCAPE ARCHITECT. -TREE WRAP SHALL BE REMOVED NO LATER THAN 12 MONTHS AFTER PLANTING.

-TREES WHOSE NORTH ORIENTATION IS NOT CHANGED FROM THE NURSERY DO NOT NEED TO BE WRAPPED UNLESS OTHERWISE DIRECTED BY THE LANDSCAPE ARCHITECT. -GUYS ON MULTI-STEM TREES TO BE MADE ON HEAVIEST BRANCHES OF PLANT.

DECIDUOUS TREE PLANTING DETAIL

MIN.

-30" ARBOR TIE STEEL EYE STAKES (INSTALL PER MFG. SPECIFICATIONS) ARBOR TIE (INSTALL AND TIE PER MFG. SPECIFICATIONS) TREE BALL

-DISTANCE OF STAKES APPROXIMATELY EQUAL TO HEIGHT OF ATTACHMENT. -WHEN PLANTING ON SLOPES, PLACE SINGLE STAKE DOWNHILL, AND TWO STAKES UPHILL.

PRUNE DAMAGED AND CONFLICTING BRANCHES MAINTAINING NORMAL TREE SHAPE. NEVER CUT CENTRAL TRUNK OR LEADER AND DO NOT REMOVE THE TERMINAL BUDS OF BRANCHES THAT EXTEND TO THE EDGE OF THE CROWN. -ARBOR TIE THE TRUNK FLARE OF EACH TREE SHALL BE VISIBLE AT THE TOP OF THE ROOT BALL. IF NURSERY GRADE IS ABOVE THE FLARE THE CONTRACTOR SHALL CAREFULLY EXCAVATE THE TOP OF THE ROOT BALL TO EXPOSE THE TRUNK FLARE. TREES WHOSE TRUNK FLARE IS NOT VISIBLE SHALL BE REJECTED. DO NOT COVER THE THE TOP OF THE ROOT BALL WITH SOIL.

> REMOVE ALL ROPE FROM TRUNK AND TOP OF BALL. REMOVE BURLAP FROM THE TOP (HALF) 为 OF THE ROOT BALL. WHEN A WIRE BASKET IS PRESENT THE WIRE BASKET SHALL BE REMOVED FROM THE TOP HALF OF THE ROOT BALL OR AS MUCH AS POSSIBLE TO PRESERVE THE INTEGRITY OF THE ROOT BALL.

-30" ARBOR TIE STEEL EYE STAKE, 3 PER TREE (INSTALL PER MFG. SPECIFICATIONS)

3" SAUCER RIM

3" SHREDDED HARDWOOD BARK MULCH, UNIFORMLY SPREAD. MULCH SHALL NOT BE IN CONTACT WITH THE TRUNK OF THE TREE

BACKFILL MIXTURE, SHALL BE A THOROUGHLY MIXED BLEND OF TOPSOIL \$ SOIL AMENDMENTS. AMENDMENTS SHALL BE ADDED AS RECOMMENDED BY A CERTIFIED SOIL TEST. AIR POCKETS SHALL REMOVED FROM THE BACKFILL. -TAMP SOIL AROUND ROOT BALL BASE FIRMLY TO PREVENT THE ROOT BALL FROM SHIFTING.

-PLACE ROOT BALL ON UNEXCAYATED OR TAMPED SOIL.

-UNDISTURBED GRADE

-CONTRACTOR SHALL PARTIALLY FILL WITH WATER A REPRESENTATIVE NUMBER OF PITS IN EACH AREA OF THE PROJECT PRIOR TO PLANTING TO DETERMINE IF THERE IS ADEQUATE PERCOLATION. IF PIT DOESN'T PERCOLATE, MEASURES MUST BE TAKEN TO ASSURE PROPER DRAINAGE BEFORE PLANTING. -CONTRACTOR SHALL REMOVE STAKING, GUYING AND WRAP AT THE END OF THE GUARANTEE PERIOD.

-ALL PLANTING MUST BE GUARANTEED FOR ONE FULL GROWING SEASON FROM THE TIME OF FINAL ACCEPTANCE BY TOWNSHIP LANDSCAPE ARCHITECT.

DECIDUOUS TREE PLANTING DETAIL

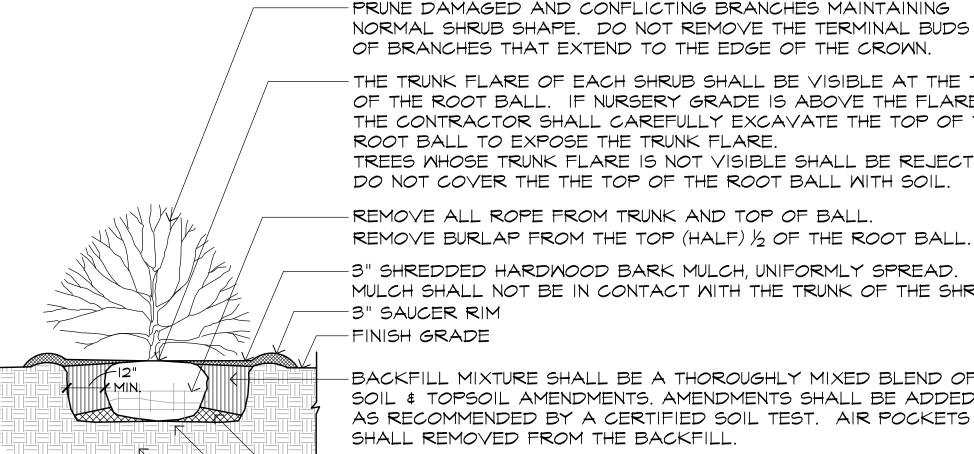
SEE PLAN

" SHREDDED HARDWOOD BARK MULCH

COVERING ENTIRE PLANTING BED BACKFILL MIXTURE, SHALL BE A THOROUGHLY MIXED BLEND OF TOPSOIL \$ SOIL AMENDMENTS. AMENDMENTS SHALL BE ADDED AS RECOMMENDED BY A CERTIFIED SOIL TEST. BACKFILL SHALL BE WATERED WHILE PLANTING TO ELIMINATE AIR POCKETS.

UNDISTURBED SUBGRADE

GROUNDCOVER PLANTING DETAIL



OF BRANCHES THAT EXTEND TO THE EDGE OF THE CROWN. THE TRUNK FLARE OF EACH SHRUB SHALL BE VISIBLE AT THE TOP OF THE ROOT BALL. IF NURSERY GRADE IS ABOVE THE FLARE THE CONTRACTOR SHALL CAREFULLY EXCAVATE THE TOP OF THE ROOT BALL TO EXPOSE THE TRUNK FLARE. TREES WHOSE TRUNK FLARE IS NOT VISIBLE SHALL BE REJECTED DO NOT COVER THE THE TOP OF THE ROOT BALL WITH SOIL.

REMOVE ALL ROPE FROM TRUNK AND TOP OF BALL REMOVE BURLAP FROM THE TOP (HALF) 1/2 OF THE ROOT BALL

3" SHREDDED HARDWOOD BARK MULCH, UNIFORMLY SPREAD. MULCH SHALL NOT BE IN CONTACT WITH THE TRUNK OF THE SHRUB -3" SAUCER RIM

-BACKFILL MIXTURE SHALL BE A THOROUGHLY MIXED BLEND OF SOIL & TOPSOIL AMENDMENTS. AMENDMENTS SHALL BE ADDED AS RECOMMENDED BY A CERTIFIED SOIL TEST. AIR POCKETS SHALL REMOVED FROM THE BACKFILL.

TAMP SOIL AROUND ROOT BALL BASE FIRMLY TO PREVENT THE ROOT BALL FROM SHIFTING -PLACE ROOT BALL ON UNEXCAVATED OR TAMPED SOIL -UNDISTURBED GRADE

SHRUB PLANTING DETAIL

LAWN (SOD) -SUBMIT VENDOR'S CERTIFIED ANALYSIS OF SOD COMPOSITION AND OTHER DATA SUBSTANTIATING THAT SOD MATERIAL COMPLIES WITH SPECIFIED REQUIREMENTS. -ANALYSIS SHALL BE SUBMITTED TO THE LANDSCAPE

ARCHITECT FOR REVIEW AND APPROVAL BEDLINE TRENCH - MULCHED PLANTING BED

EXISTING SUBGRADE

-MINIMUM 6" SCREENED TOPSOIL

PLANTING NOTES:

THE CONTRACTOR SHALL FURNISH QUANTITIES NECESSARY TO COMPLETE THE PLANTING AS SHOWN ON THE PLANTING A. ALL PLANTS SHALL EQUAL OR EXCEED MEASUREMENTS SPECIFIED IN THE PLANT LIST WHICH ARE THE MINIMUM ACCEPTABLE. B. PLANTS SHALL BE MEASURED BEFORE PRUNING. NECESSARY PRUNING SHALL BE PERFORMED AFTER THE PLANT IS UNTIED AND PRIOR TO INSTALLATION. LANDSCAPE ARCHITECT SHALL BE NOTIFIED OF ANY MAJOR PRUNING REQUIREMENTS DUE TO DAMAGE. THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REJECT ANY PLANT MATERIAL THAT NEEDS SIGNIFICANT PRUNING DUE TO DAMAGE FROM SHIPMENT OR HANDLING. C. WHEN FORMAL ARRANGEMENTS OR CONSECUTIVE ORDER OF TREES OR SHRUBS IS SHOWN, STOCK SHALL BE SELECTED FOR UNIFORM HEIGHT AND SPREAD AND LABELED BY NUMBER TO ASSURE SYMMETRY IN PLANTING. WHEN ALL PLANT MATERIAL HAS BEEN SELECTED AND PRE-TAGGED BY THE LANDSCAPE CONTRACTOR, THE LANDSCAPE ARCHITECT SHALL BE NOTIFIED IN ORDER TO SCHEDULE HIS NURSERY INSPECTION WITH A MINIMUM OF 3 DAYS ADVANCE

A. THE CONTRACTOR SHALL ACCOMPANY THE LANDSCAPE ARCHITECT ON ALL INSPECTIONS. B. THE CONTRACTOR SHALL HAVE SUFFICIENT ALTERNATE CHOICES TO PREVENT LOSS OF TIME IN THE EVENT THAT SOME TREES FAIL TO MEET THE APPROVAL OF THE LANDSCAPE ARCHITECT. C. ALL TREES MUST BE APPROVED IN THE FIELD BY THE LANDSCAPE ARCHITECT BEFORE DIGGING BEGINS. 3. LOCATIONS OF PLANT MATERIAL SHOWN ON PLANS ARE APPROXIMATE. FINAL LOCATIONS WILL VARY FROM PLAN AND SHALL BE DETERMINED IN THE FIELD UNDER THE DIRECTION OF THE LANDSCAPE ARCHITECT. A. CONTRACTOR SHALL PROVIDE PRE-MARKED, COLOR-CODED FLAGS FOR ALL SHADE TREES, EVERGREEN TREES AND

B. LANDSCAPE ARCHITECT SHALL PLACE THE COLOR-CODED FLAGS TO INDICATE PLANT LOCATIONS C. CONTRACTOR SHALL PLACE TREES ABOVE GROUND IN ACCORDANCE WITH THE FLAGGED LOCATION. THE LANDSCAPE ARCHITECT MAY REQUEST THE CONTRACTOR TO MOVE, TURN OR RELOCATE THE PLANT MATERIAL AT THIS TIME. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PRE-DIG TREE PITS. D. UPON FINAL APPROVAL BY THE LANDSCAPE ARCHITECT OF TREE PLACEMENT, CONTRACTOR SHALL PAINT A CIRCLE AROUND THE BALL OF THE TREE, MOVE TREE AND EXCAVATE TREE PIT. 4. PLANTS SHALL BE TYPICAL OF THEIR SPECIES AND VARIETY; HAVE NORMAL GROWTH HABITS; WELL DEVELOPED BRANCHES, DENSELY FOLIATED; VIGOROUS ROOT SYSTEMS, BE FREE FROM DEFECTS AND INJURIES AND COMPLY WITH ANY SPECIAL INSTRUCTIONS NOTED WITHIN THE PLANT LIST. 5. PLANT MATERIAL SHALL BE PLANTED ON THE DAY OF DELIVERY. IN THE EVENT THIS IS NOT POSSIBLE, THE

CONTRACTOR SHALL PROTECT PLANT STOCK WHICH HAS NOT BEEN PLANTED. PLANTS SHALL NOT REMAIN UNPLANTED FOR LONGER THAN A THREE DAY PERIOD AFTER DELIVERY. 6. QUALITY, BRANCHING AND SIZE OF PLANTS, INCLUDING ROOT SIZE, SHALL BE IN ACCORDANCE WITH "AMERICAN STANDARDS FOR NURSERY STOCK" ANSI Z60.1-2014 (OR MOST RECENT EDITION) AS PUBLISHED BY THE AMERICAN NURSERY AND LANDSCAPE ASSOCIATION. B&B PLANTS SHALL BE HANDLED FROM THE BOTTOM OF THE ROOT BALL ONLY. PLANTS WITH BROKEN, SPLIT OR DAMAGED ROOT BALLS SHALL BE REJECTED.

8. ALL PLANTING BEDS SHALL BE MULCHED TO A DEPTH OF 3-4 INCHES WITH SHREDDED HARDWOOD BARK MULCH. MULCH SHOULD NOT COME INTO CONTACT WITH THE ROOT COLLAR OF TREES OR SHRUBS. THE TOP OF THE ROOT BALL FOR ALL B&B PLANTS SHALL BE EXCAVATED TO EXPOSE THE ROOT FLARE. THE ROOT FLARE SHALL BE AT THE TOP OF THE BALL AND PLANTED LEVEL OR I" ABOVE FINISHED GRADE. ALL BEDLINES SHALL BE CUT FOUR INCHES DEEP INTO A "V" SHAPED GROOVE TO PROVIDE A WELL DEFINED EDGE. THE LAYOUT OF ALL BEDLINES SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT ON-SITE PRIOR TO CUTTING. 9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UTILITY MARK OUTS AND COMPLIANCE WITH ALL FEDERAL, STATE OR LOCAL CODES, LAWFUL ORDERS OR REGULATIONS GOVERNING UPON THIS WORK. 10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND MAINTENANCE OF ALL TREE GUYS

STAKES, SUPPORTS AND MULCH RINGS OR BEDS DURING THE CONSTRUCTION AND MAINTENANCE PERIOD. THE CONTRACTOR SHALL REPORT ANY SOIL OR DRAINAGE CONDITIONS CONSIDERED DETRIMENTAL TO THE GROWTH OF THE PROPOSED PLANT MATERIAL. TREES SHALL BE PRUNED OF ANY BRANCHES THAT INTERFERE WITH PEDESTRIANS, VEHICLES OR SIGNS. SHADE TREES MUST BE SINGLE TRUNK, TREE FORM SPECIMENS. ALL PARKING LOT AND STREET TREES SHALL BE LIMBED TO A HEIGHT OF SEVEN FEET. 12. ANY DISCREPANCY BETWEEN THE PLANS AND FIELD CONDITIONS SHALL BE RESOLVED BY THE LANDSCAPE ARCHITECT 13. ALL PLANTED AREAS & LAWN AREAS SHALL BE IRRIGATED WITH AN AUTOMATIC IRRIGATION SYSTEM THROUGH THE USE OF SURFACE OR DRIP-IRRIGATION TO PROVIDE ADEQUATE WATER TO PROMOTE HEALTHY PLANT MATERIAL AND SOUND HORTICULTURAL PRACTICE. IRRIGATION CONTRACTOR SHALL SUBMIT PROPOSED IRRIGATION PLANS TO LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION. 14. PLANTING OPERATIONS SHALL BE PERFORMED DURING PERIODS WITHIN THE PLANTING SEASON WHEN WEATHER AND SOIL CONDITIONS ARE SUITABLE AND IN ACCORDANCE WITH ACCEPTABLE LOCAL PRACTICE. TREES AND SHRUBS SHOULD BE INSTALLED DURING THE FOLLOWING FALL AND SPRING SEASONS, WITH THE EXCEPTION OF TREES WHICH EXPERIENCE A FALL

DIGGING HAZARD WHICH SHOULD ONLY BE PLANTED IN THE SPRING. 15. ALL PLANT MATERIAL SHALL BE GUARANTEED FOR A MINIMUM PERIOD OF I YEAR FROM THE TIME OF LANDSCAPE APPROVAL BY TOWNSHIP LANDSCAPE ARCHITECT AND/OR REVIEWING AUTHORITY.

AUG. 15-DEC. 15 EVERGREEN TREES OCT. 15-DEC. 15 DECIDUOUS TREES MAR. I-MAY 15 ALL PLANTS

FALL DIGGING HAZARD NYSSA SYLVATICA BETULA VARIETIES CARPINUS VARIETIES OSTRYA VARIETIES PRUNUS-ALL STONE FRUITS SELTIS VARIETIES CERCIDIPHYLLUM VARIETIES PYRUS VARIETIES CRATAEGUS VARIETIES QUERCUS-ALL OAKS EXCEPT Q. PALUSTRIS FAGUS VARIETIES SALIX-WEEPING VARIETIES HALESIA VARIETIES ILLA TOMENTOSA ILEX OPACA VARIETIES VARIAETIES ALL TREEFORM EVERGREEN ZELKOVA VARIETIES

LIQUIDAMBAR VARIETIES LIRIODENDRON TULIPIFERA

NO-MOW COVER SEED MIX PDOT-L 35% FESTUCA RUBRA, CREEPING RED FESCUE 27.50% FESTUCA BREVIPILA, 'MINIMUS', HARD FESCUE, 'MINIMUS'

27.50% FESTUCA OVINA VAR. DURIUSCULA, GLADIATOR, HARD FESCUE, GLADIATOR 10.00% LOLIUM MULTIFLORUM, ANNUAL RYGRASS AMENDED TOP SOIL

TO BE ADDED TO SITE AND ROLLED EXISTING TOP SOIL TO BE TILLED

EXISTING SUBGRADE

N.T.S.

SEED MIX NOTES: SEEDING RATE: 233 LBS/ACRE RECOMMENDED SEEDING PERIOD: MARCH 15 TO JUNE 1/

AUGUST | TO OCTOBER 15 MAINTENANCE MOWING: ANNUALLY IN DECEMBER.

AS SUPPLIED BY ERNST CONSERVATION SEEDS, INC., 9006 MERCER PIKE, MEADVILLE, PA 16335, IF FESCUE SEED AREAS DO NOT THRIVE WITHIN 2 YEARS AN ALTERNATIVE GROUNDCOVER

PLANTING WILL BE PROVIDED. CONTRACTOR SHALL SUBMIT SEED SPECIFICATION TO LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.

SEED MIX INSTALLATION NOTES:

CLEAR THE SITE OF ALL BUILDING MATERIALS 2. (MOOD, CEMENT, BRICK, ETC.) AS WELL AS ANY BURIED STUMPS, ROCKS, STONES OR OTHER

DEBRIS THAT IS LARGER THAN 2-3" DIAMETER. 3. APPLY A NONSELECTIVE HERBICIDE IF WEEDS ARE A PROBLEM. FOLLOW MANUFACTURERS RECOMMENDATIONS IN REGARDS TO SEED APPLICATION TIME FRAME.

4. ROUGH GRADE THE ENTIRE AREA TO ELIMINATE ANY DRAINAGE PROBLEMS ON THE PROPERTY. THIS WOULD INCLUDE SLOPING THE GRADE AWAY FROM BUILDING FOUNDATIONS. 5. INITIAL TILLING, TO A DEPTH OF AT LEAST 4", SHOULD BE COMPLETED PRIOR TO ADDING ANY TOPSOIL OR SOIL AMENDMENTS. TILLING SHALL BE PERFORMED TO ALLEVIATE SOIL

COMPACTION, PERMIT BONDING OF TOPSOIL TO THE SUBSOIL AND IMPROVE OVERALL

ROOT PENETRATION. 6. ADD TOPSOIL TO ACHIEVE A TOTAL DEPTH OF 4-6" AFTER ROLLING. ALL TOPSOIL, BOTH NEWLY FURNISHED AND STOCKPILED (IF ANY), SHALL BE NATURAL TOPSOIL, SANDY LOAM FREE FROM SUBSOIL, AND OBTAINED FROM AN AREA WHICH HAS NEVER BEEN STRIPPED. TOPSOIL SHALL BE OF UNIFORM QUALITY, FREE FROM HARD CLODS, STIFF CLAY, HARD PAN, STONES LARGER THAN 1/2", LIME, CEMENT, ASHES, SLAG, CONCRETE, TAR RESIDUES TARRED PAPER, BOARDS, CHIPS, STICKS OR ANY OTHER UNDESIRABLE MATERIAL. OTHER SOILS MAY BE USED IF RECOMMENDED BY AN AGRONOMIST OR SOIL SCIENTIST. TOPSOIL

SHALL NOT BE PLACED WHILE FROZEN OR EXCESSIVELY WET THAT MAY OTHERWISE BE DETRIMENTAL TO PROPER GRADING AND SEED BED PREPARATION. 7. TOP SOIL SHALL BE TESTED BY CERTIFIED SOIL TESTING LABORATORY. TOPSOIL TEST RESULTS SHALL INCLUDE RECOMMENDATIONS FOR TOPSOIL AMENDMENTS AND FERTILIZER

RATES IN ORDER TO ENSURE A PROPER GROWTH MEDIUM FOR SEED MIX OR SOD. 8. FINISH GRADE THE ENTIRE SITE ACCORDING TO GRADING PLANS AND ROLL THE AREAS WITH LAWN ROLLER 1/3 FULL OF WATER TO REVEAL LOW SPOTS THAT SHOULD BE FILLED

TO MATCH SURROUNDING GRADE. IF TIME PERMITS ALLOW THE AREA TO SETTLE FURTHER

9. IRRIGATION/SUPPLEMENTAL WATER SHALL BE PROVIDED TO ESTABLISH SEED MIX

FESCUE MIX

BY APPLYING IRRIGATION WATER.

SHOWY NORTHEAST NATIVE WILDFLOWER & GRASS MIX 29.7% BOUTELOUA CURTIPENDULA, BUTTE(SIDEOATS GRAMA, BUTTE) 27.2% SCHIZACHYRIUM SCOPARIUM, FORT INDIANTOWN GAP-PA ECOTYPE (LITTLE BLUESTEM, FORT INDIANTOWN GAP-PA ECOTYPE)

15.0% ELYMUS VIRGINICUS, PA ECOTYPE (VIRGINIA WILDRYE, PA ECOTYPE) 7.0% ECHINACEA PURPUREA (PURPLE CONEFLOWER) 3.5% CHAMAECRISTA FASCICULATA, PA ECOTYPE (PARTRIDGE PEA, PA ECOTYPE)

3.0% COREOPSIS LANCEOLATA (LANCELEAF COREOPSIS) 3.0% RUDBECKIA HIRTA (BLACKEYED SUSAN) 2.0% HELIOPSIS HELIANTHOIDES, PA ECOTYPE (OXEYE SUNFLOWER, PA ECOTYPE) 1.5% LIATRIS SPICATA, PA ECOTYPE (MARSH BLAZING STAR, PA ECOTYPE) 1.2% TRADESCANTIA OHIENSIS, PA ECOTYPE (OHIO SPIDERWORT, PA ECOTYPE)

1.0% PENSTEMON DIGITALIS (TALL WHITE BEARDTONGUE) 0.9% PYCNANTHEMUM TENUIFOLIUM (NARROWLEAF MOUNTAINMINT) 0.7% SENNA HEBECARPA, VA & MV ECOTYPE (MILD SENNA, VA & MV ECOTYPE) 0.5% ASCLEPIAS TUBEROSA (BUTTERFLY MILKWEED)

0.5% BAPTISIA AUSTRALIS, SOUTHERN WV ECOTYPE (BLUE FALSE INDIGO, SOUTHERN MY ECOTYPE) 0.5% ZIZIA AUREA (GOLDEN ALEXANDERS) 0.4% ASTER OBLONGIFOLIUS, PA ECOTYPE (AROMATIC ASTER, PA ECOTYPE) 0.4% ASTER PRENANTHOIDES, PA ECOTYPE (ZIGZAG ASTER, PA ECOTYPE)

0.4% MONARDA FISTULOSA, FORT INDIANTOWN GAP-PA ECOTYPE (WILD BERGAMOT, FORT INDIANTOWN GAP-PA ECOTYPE) 0.3% ASTER LAEVIS, NY ECOTYPE (SMOOTH BLUE ASTER, NY ECOTYPE) 0.3% ASTER NOVAE-ANGLIAE, PA ECOTYPE (NEW ENGLAND ASTER, PA ECOTYPE) 0.2% COREOPSIS TRIPTERIS, PA ECOTYPE (TALL COREOPSIS, PA ECOTYPE)

0.2% OENOTHERA FRUTICOSA VAR. FRUTICOSA (SUNDROPS) 0.2% SOLIDAGO NEMORALIS, PA ECOTYPE (GRAY GOLDENROD, PA ECOTYPE) 0.1% PENSTEMON HIRSUTUS (HAIRY BEARDTONGUE) O.1% SENNA MARILANDICA (MARYLAND SENNA)

O.1% SOLIDAGO JUNCEA, PA ECOTYPE (EARLY GOLDENROD, PA ECOTYPE) O.1% SOLIDAGO ODORA, PA ECOTYPE (LICORICE SCENTED GOLDENROD, PA ECOTYPE)

SIDE SLOPE SEED MIX L-7

GENERAL PRODUCT INFORMATION:

ITEM NUMBER: ERNMX-153 HEIGHT: I.O- 5.0 FT SEEDING RATE: 20 LBS/ACRE WITH 30 LBS/ACRE OF A COVER CROP. FOR A COVER CROP USE EITHER GRAIN OATS (I JAN TO 31 JUL) OR GRAIN RYE (I AUG TO 31 DEC). RECOMMENDED SEEDING PERIOD: FALL MAINTENANCE MOWING: ANNUALLY IN MARCH.

AS SUPPLIED BY ERNSTSEED.COM SALES@ERNSTSEED.COM 1-800-873-3321

- FESTUCA RUBRA/ CREEPING RED FESCUE SHALL BE ADDED TO MIX AT A SEEDING RATE OF 3LBS. PER ACRE. ITEM NUMBER: FESRUBOI AS SUPPLIED BY ERNSTSEED.COM

SALES@ERNSTSEED.COM 1*-800-8*73*-*3321

SEED MIX INSTALLATION NOTES: FOLLOWING FINISH GRADING, SEED TO BE APPLIED BY HAND, HYDROSEEDER OR DRILL SEEDER (USING TRUAX OR EQUAL). IF HAND SEEDED OR HYDROSEEDED- HAND RAKE OR USE A FUERST HARROW TO RAKE SEED INTO TOP 0.5 INCHES OF SOIL, THEN STRAW MULCH @ 2 TONS PER ACRE AND APPLY TACKIFIER WITH THE HYDROSEEDER TO HOLD THE MULCH IN PLACE. COIR MATS CAN BE USED IN AREAS OF ANTICIPATED HIGH EROSION TO ENSURE ESTABLISHMENT OF PLANTS. THIS ADDITIONAL EROSION CONTROL IS ESPECIALLY USEFUL FOLLOWING A FALL OR FROST (I.E., DORMANT SEASON) SEEDING.

RETENTION BASIN WILDLIFE MIX

MIX COMPOSITION 30.0% PANICUM CLANDESTINUM, TIOGA (DEERTONGUE, TIOGA) 29.5% CAREX VULPINOIDEA, PA ECOTYPE (FOX SEDGE, PA ECOTYPE) 20.0% ELYMUS VIRGINICUS, MADISON-NY ECOTYPE (VIRGINIA WILDRYE, MADISON-NY ECOTYPE) 7.0% CAREX LURIDA, PA ECOTYPE (LURID SEDGE, PA ECOTYPE)

3.0% VERBENA HASTATA, PA ECOTYPE (BLUE VERVAIN, PA ECOTYPE) 1.5% JUNCUS EFFUSUS (SOFT RUSH) 0.5% AGROSTIS PERENNANS, ALBANY PINE BUSH-NY ECOTYPE (AUTUMN BENTGRASS, ALBANY PINE BUSH-NY ECOTYPE) 0.5% ASCLEPIAS INCARNATA, PA ECOTYPE (SWAMP MILKWEED, PA ECOTYPE) 0.3% SCIRPUS CYPERINUS, PA ECOTYPE (WOOLGRASS, PA ECOTYPE) 0.2% HELENIUM AUTUMNALE, PA ECOTYPE (COMMON SNEEZEWEED, PA ECOTYPE)

7.0% CAREX SCOPARIA, PA ECOTYPE (BLUNT BROOM SEDGE, PA ECOTYPE)

O.1% ASTER NOVAE-ANGLIAE, PA ECOTYPE (NEW ENGLAND ASTER, PA O.1% ASTER PUNICEUS, PA ECOTYPE (PURPLESTEM ASTER, PA ECOTYPE) 0.1% ASTER UMBELLATUS, PA ECOTYPE (FLAT TOPPED WHITE ASTER, PA

O.1% EUPATORIUM PERFOLIATUM, PA ECOTYPE (BONESET, PA ECOTYPE) 0.1% LOBELIA SIPHILITICA, PA ECOTYPE (GREAT BLUE LOBELIA, PA ECOTYPE) GENERAL PRODUCT INFORMATION:

STORMWATER MANAGEMENT, WILDLIFE HABITAT & FOOD PLOTS SEEDING RATE: 20 LBS PER ACRE, OR 0.5-1 LB/1,000 SQ FT WITH A COVER CROP. FOR A COVER CROP USE ONE OF THE FOLLOWING: GRAIN RYE (I SEP TO 30 APR; 30 LBS/ACRE), JAPANESE MILLET (I MAY TO 31 AUG; IO LBS/ACRE), OR BARNYARD GRASS (I MAY TO 31 AUG; IO LBS/ACRE).

HYDROSEEDER OR DRILL SEEDER (USING TRUAX OR EQUAL). IF HAND SEEDED OR HYDROSEEDED- HAND RAKE OR USE A FUERST HARROW TO RAKE SEED INTO TOP 0.5 INCHES OF SOIL, THEN STRAW MULCH @ 2 TONS PER ACRE AND APPLY TACKIFIER WITH THE HYDROSEEDER TO HOLD THE MULCH IN PLACE. COIR MATS CAN BE USED IN AREAS OF ANTICIPATED HIGH EROSION TO ENSURE ESTABLISHMENT OF PLANTS. THIS ADDITIONAL EROSION CONTROL IS ESPECIALLY USEFUL FOLLOWING A FALL OR FROST (I.E., DORMANT SEASON)

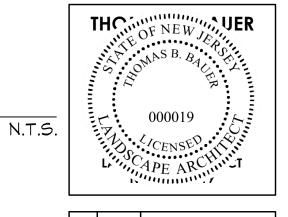
OBSERVED CONDITIONS OF BASIN HYDROLOGY.

BASIN BOTTOM SEED MIX

ITEM NUMBER: ERNMX-127 PRODUCT CATEGORIES:

SEED MIX INSTALLATION NOTES: - FOLLOWING FINISH GRADING, SEED TO BE APPLIED BY HAND,

- FINAL LIMITS OF SEED MIX TO BE ADJUSTED IN FIELD BASED ON



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