GENERAL SYMBOLS LEGEND

SHADE TREE

STREET TREE

EXISTING TREE

ORNAMENTAL TREE

SHRUBS

EXISTING DDOT STANDARD TEARDROP PENDANT LIGHT

EXISTING PARKING METER

STREET SIGN

REFERENCE TO ELEVATION DRAWING

REFERENCE TO SECTION DRAWING (CUT IN DIRECTION OF ARROW)

REFERENCE TO DETAIL DRAWING

CENTER LINE

SLOPE ARROW (POINTS DOWNHILL)

+ 19.84 SPOT ELEVATION

12 MEG PLANT TAG (INCLUDES PLANT QUANTITY AND SPECIES CODE)

TRASH RECEPTACLE

BIKE RACKS

BENCH

BRICK PAVERS

PRECAST UNIT PAVERS

MIXED GROUNDCOVER PLANTINGS

LAWN AREA

EXISTING LAWN AREA

ABBREVIATIONS

ADJ	ADJACENT
ALT	ALTERNATE
APPROX	APPROXIMATE
ARCH	ARCHITECT / ARCHITECTURAL
B&B	BALLED AND BURLAPPED
BC / BOC	BOTTOM OF CURB
BLDG	BUILDING
BS / BOS	BOTTOM OF STAIR
BW / BOW	BOTTOM OF WALL
CAL	CALIPER
CF	CUBIC FEET
CIP	CAST IN PLACE
CJ	CONTROL JOINT
CL	CENTER LINE
CLF	CHAIN LINK FENCE
CLR	CLEAR / CLEARANCE
CMU	CONCRETE MASONRY UNIT
CO	CLEAN OUT
COL	COLUMN
CONC	CONCRETE
COORD	COORDINATE
CY	CUBIC YARDS
DDOT	DC DEPARTMENT OF TRANSPORTATION
DOEE	DEPARTMENT OF ENERGY & ENVIRONMENT
DEG	DEGREE (OF CURVATURE)
DEMO	DEMOLISH / DEMOLITION
DIA	DIAMETER
DIM	DIMENSION
DIR	DIRECTION
DIST	DISTANCE
DIV	DIVISION
DN	DOWN
DWG	DRAWING
E	EAST
EA	EACH
EJ	EXPANSION JOINT
ELEC	ELECTRIC / ELECTRICAL
ELEV	ELEVATION
EP	EDGE OF PAVEMENT
EQ	EQUAL
EQUIP	EQUIPMENT
EX	EXISTING
FOC	FACE OF CURB
FFE	FINISHED FLOOR ELEVATION
FG	FINISHED GRADE
FIXT	FIXTURE
FL	FLOW LINE
FLR	FLOOR
FOB	FACE OF BUILDING
FT	FOOT / FEET
FTG	FOOTING
FURN	FURNISH / FURNITURE
GA	GAUGE
GAL	GALLON
GALV	GALVANIZED
GND	GROUND
GPM	GALLONS PER MINUTE
GV	GAS VALVE
HC	HANDICAP
HORIZ	HORIZONTAL
HP	HIGH POINT
HT	HEIGHT
HVAC	HEATING, VENTILATING, AIR CONDITIONING
HWY	HIGHWAY
ID	INSIDE DIAMETER
IN	INCH
INT	INTERSECTION
INV	INVERT
LA	LANDSCAPE ARCHITECT
LAT	LATERAL
LB	POUND
LF	LINEAR FEET
LOD	LIMIT OF DISTURBANCE
LOG	LIMIT OF GRADING
LOW	LIMIT OF WORK
LP	LOW POINT
LT	LEFT
MAX	MAXIMUM
MECH	MECHANICAL
MFR	MANUFACTURER
MH	MAN HOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
N	NORTH
NIC	NOT IN CONTRACT
No	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OH	OVERHEAD
OHE	OVERHEAD ELECTRIC
PC	POINT OF CURVATURE
PH	PHASE
PL	PROPERTY LINE
POB	POINT OF BEGINNING
PROP	PROPOSED
PT	POINT
PVC	POLYVINYL CHLORIDE
R / RAD	RADIUS
REF	REFERENCED
REQ'D	REQUIRED
REQ'S	REQUIREMENTS
REINF	REINFORCED
REV	REVISED / REVISION
RT	RIGHT
ROW	RIGHT OF WAY
S	SOUTH
SAN	SANITARY
SD	STORM DRAIN
SF	SQUARE FEET
SIM	SIMILAR
SPEC	SPECIFICATIONS / SPECIFIED
SPR	SPREAD
SQ	SQUARE
SS	STAINLESS STEEL
STA	STATION
STD	STANDARD
STM	STORM
STRUCT	STRUCTURE / STRUCTURAL
SY	SQUARE YARD
TAN	TANGENT
TC / TOC	TOP OF CURB
TEL	TELEPHONE
TEMP	TEMPORARY
TEMP	TEMPERATURE
TF / TOF	TOP OF FENCE
TFTG	TOP OF FOOTING
THRU	THROUGH
TPF	TREE PROTECTION FENCE
TS / TOS	TOP OF STAIR
TW / TOW	TOP OF WALL
TYP	TYPICAL
UD	UNDERDRAIN
UNO	UNLESS NOTED OTHERWISE
USGS	US GEOLOGICAL SURVEY
UTIL	UTILITY
VAR	VARIES / VARIETY
VERT	VERTICAL
VIF	VERIFY IN FIELD
W	WEST
W/	WITH
W/O	WITHOUT
WD	WIDE / WIDTH
WM	WATER METER
WP	WATERPROOF / WATERPROOFING
WV	WATER VALVE
WWF	WELDED WIRE FABRIC
WWM	WOVEN WIRE MESH
@	AT
'	FEET
"	INCHES
#	NUMBER

GENERAL LANDSCAPE NOTES

1. THE CONTRACT INCLUDES ALL DEMOLITION REQUIRED TO COMPLETE JOB, AND TO REMOVE AND TO DISPOSE OF ITEMS FROM SITE COMPLETELY IN ACCORDANCE WITH LOCAL LAWS. DO NOT BURN OR BURY ANY DEMOLITION ITEMS ON SITE. CONTRACTOR IS RESPONSIBLE FOR MAKING SITE VISIT TO DETERMINE AND VERIFY ALL DEMOLITION REQUIREMENTS PRIOR TO BIDDING. CONTRACTOR SHALL RECYCLE OR DISPOSE OF WASTE PRODUCTS AND PLANT CONTAINERS OFF-SITE IN A RESPONSIBLE MANNER.

2. PERMITS AND FEES REQUIRED FOR ANY DEMOLITION DISPOSAL WORK MUST BE OBTAINED BY THE CONTRACTOR AT CONTRACTOR'S EXPENSE.

3. THE CONTRACTOR SHALL TAKE PROPER PRECAUTIONS NOT TO DAMAGE EXISTING ADJACENT FACILITIES & STRUCTURES THAT ARE TO REMAIN. THE CONTRACTOR SHALL RESTORE DISTURBED AREAS TO THEIR ORIGINAL CONDITION TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT AND OWNER. ADJACENT STREETS & SIDEWALKS SHALL BE MAINTAINED IN A CLEAN CONDITION, MUD & DUST-FREE.

4. BEFORE BEGINNING ANY EXCAVATION, THE CONTRACTOR SHALL CONTACT "MISS UTILITY" AT 1-800-257-7777 OR ONLINE AT www.missutility.net AT LEAST 5 WORKING DAYS PRIOR TO STARTING WORK TO ARRANGE TO MARK THE HORIZONTAL LOCATION OF UNDERGROUND FACILITIES.

5. EXISTING UTILITIES SHOWN ON LANDSCAPE DRAWINGS ARE BASED ON PUBLISHED DATA AND ARE FOR CONTRACTOR'S CONVENIENCE ONLY. THE CONTRACTOR MUST LOCATE & VERIFY ALL SUCH INFORMATION, INCLUDING INFORMATION NOT SHOWN ON PLANS, BY CONTACTING THE INDIVIDUAL UTILITY COMPANY & INVESTIGATING THE SITE TO DETERMINE THE EXACT LOCATION OF UTILITY LINES & STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING, AT HIS OWN EXPENSE, AND TO THE SATISFACTION OF THE PROJECT OWNER & THE UTILITY OWNER, DAMAGE TO ANY UTILITY CAUSED BY HIS WORK. HE SHALL IMMEDIATELY NOTIFY THE OWNER & THE UTILITY OWNER OF ANY DAMAGE TO ANY UTILITY BY HIS OPERATION.

6. CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AT THE JOB SITE PRIOR TO START OF CONSTRUCTION. IF DISCREPANCIES ARE FOUND, NOTIFY THE LANDSCAPE ARCHITECT IMMEDIATELY FOR CLARIFICATION.

7. STREET LIGHT POLES ARE SHOWN ON LANDSCAPE PLANS FOR LAYOUT RELATIVE TO STREET TREES AND SITE FEATURES. REFER TO ARCHITECTURE DRAWINGS FOR BUILDING LIGHTING AND ADDITIONAL SITE SECURITY MEASURES. IF ANY DISCREPANCIES ARE FOUND, NOTIFY THE LANDSCAPE ARCHITECT IMMEDIATELY FOR CLARIFICATION.

8. UTILITY MANHOLE COVERS ARE TO BE LOCATED ENTIRELY WITHIN A PLANTED AREA OR A PAVED AREA, AND CLEAR OF ALL FENCE LINES. IF ANY CONDITION ARISES WHERE A MANHOLE COVER IS TO CROSS A BOUNDARY OR FENCE LINE, NOTIFY THE LANDSCAPE ARCHITECT IMMEDIATELY FOR CLARIFICATION.

9. ALL EXISTING SIGNAGE TO REMAIN TO BE PROTECTED IN PLACE OR STOCKPILED AND REINSTALLED UPON COMPLETION OF WORK UNLESS OTHERWISE NOTED.

GENERAL PLANTING NOTES

1. ALL PLANTS PROVIDED BY CONTRACTOR SHALL MEET OR SURPASS THE SPECIFICATIONS GIVEN IN THE PLANT TABLE AND IN THE PROJECT SPECIFICATIONS. PLANTS SHALL BE FULL AND HEAVY, AND IN HEALTHY CONDITION AT THE TIME OF PLANTING. LANDSCAPE ARCHITECT SHALL REJECT ANY PLANT NOT MEETING THESE GUIDELINES AND REQUIRE REPLACEMENT.

2. ALL PLANTS THAT ARE UNABLE TO BE IMMEDIATELY PLANTED SHALL BE STORED IN A PROTECTED AREA OUT OF DIRECT SUN AND WIND. PLANTS SHALL BE EVENLY AND CONSISTENTLY WATERED, AS NEEDED, TO PREVENT DRYING OF ROOTS. ROOT BALLS OF B&B STOCK SHALL BE COVERED WITH AT LEAST 4 INCHES OF HARDWOOD MULCH TO MAINTAIN MOISTURE IN ROOTS.

3. THE CONTRACTOR SHALL VERIFY ALL PLANT QUANTITIES SHOWN ON PLANS AND CLARIFY ANY DISCREPANCIES WITH LANDSCAPE ARCHITECT PRIOR TO PURCHASING PLANTS.

4. PLANT SPECIES ARE SELECTED FOR HARDINESS IN LOCAL CLIMATE. PERMANENT IRRIGATION IS NOT PART OF THIS CONTRACT. PLANTS ARE TO BE WATERED DURING ESTABLISHMENT PERIOD PER SPECIFICATIONS.

5. STREET TREES SHALL ONLY BE PLANTED BETWEEN OCTOBER 15 AND MAY 1 PER THE SPRING AND FALL PLANTING SEASON DATES. TREE PLANTING AND STAKING SHALL COMPLY WITH THE CURRENT VERSION DISTRICT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAYS AND STRUCTURES, SECTION 608.02 AND PER STANDARD DRAWINGS 608.02, 608.03, 608.08, AND 608.09.

6. COMPANION PLANTS (I.E. PERENNIALS, GRASSES, BULBS, SHRUBS, ETC) TO BE INSTALLED IN TREE BOXES MUST CONFORM TO THE CURRENT DDOT DESIGN AND ENGINEERING MANUAL CHAPTER 37 - LANDSCAPE DESIGN AND DCMR TITLE 24 SECTION 109 - BEAUTIFICATION OF TREE SPACES. COMPANION PLANTS SHALL NOT EXCEED 3 FEET IN HEIGHT, HAVE A SHALLOW ROOT SYSTEM, AND BE PLANTED AT MINIMUM 2 FEET FROM THE ROOT FLARE (CROWN) OF THE STREET TREE.

7. DO NOT USE EXISTING SOIL ON-SITE OR AMENDED AS TOPSOIL. SEE SOIL SPECS FOR FULL SOIL REQUIREMENT.

8. OBTAIN TOPSOIL FROM NATURALLY WELL-DRAINED CONSTRUCTION OR MINING SITES WHERE TOPSOIL OCCURS AT LEAST 4 INCHES DEEP; DO NOT OBTAIN FROM AGRICULTURAL LAND, BOGS, OR MARSHES.

9. FINISH OFF UNPLANTED AREAS IN A TREE SPACE WITH A 2-3" LAYER OF DOUBLE SHREDDED HARDWOOD MULCH, BUT DO NOT PLACE UP AGAINST OR MOUND AROUND ROOT FLARE.

10. CONTACT THE WARD 3 ARBORIST, MICHAEL CHUKO at michael.chuko@dc.gov, WHEN THE STREET TREES ARE READY TO BE PLANTED, PROVIDING AT LEAST 48 HOURS NOTICE.

11. MIXED GROUNDCOVER TO BE PLANTED IN GROUPS OF 3-5 AND LOCATED AS REQUIRED TO PROVIDE A GENERAL MIXING OF SPECIES. DO NOT PLANT IN ROWS OR REPETITIVE PATTERNS UNLESS OTHERWISE NOTED. LOCATE SPECIES TO PROVIDE A TIERED EFFECT WITH LARGER PLANTS AT THE REAR AND MIDDLE OF THE LANDSCAPING AREA AND LOWER PLANTINGS, TURF AND TURF-LIKE GRASSES AT THE FRONT OF THE LANDSCAPED AREAS.

12. REGULAR PLANT MAINTENANCE SHALL BE SCHEDULED DURING ESTABLISHMENT AND ONGOING GROWTH INSPECTED FOR SIGNS OF DISEASE, INADEQUATE IRRIGATION AND EROSION.

13. PAVEMENT OVER AREAS OF STRUCTURAL SOIL SHALL BE INSPECTED FOR SETTLING AND HEAVING AND REPAIRED AS NEEDED.

14. PEAT MOSS NOT ALLOWED FOR USE AS A SOIL AMENDMENT.

TREE PROTECTION NOTES

1. ALL STREET TREES THAT ARE TO REMAIN, WITHIN OR DIRECTLY ADJACENT TO THE LIMITS OF WORK MUST BE PROTECTED WITH 6' TALL CHAIN LINK FENCE TO THE EXTENT OF THE TREE BOX (MINIMUM 4'x9') OR THE DRIP LINE IN A PLANTING STRIP. THE DRIP LINE IS DEFINED AS THE GROUND AREA UNDER THE CANOPY OF A TREE. FENCING IS TO BE INSTALLED PRIOR TO CONSTRUCTION, MAINTAINED THROUGHOUT, AND REMOVED ONLY AT THE END OF THE PROJECT.

2. ALL PROTECTION MEASURES AND EXCAVATION OPERATIONS SHALL COMPLY WITH THE CURRENT VERSION OF DISTRICT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAYS AND STRUCTURES - SECTIONS 207.03, 608.07 AND 608.08.

3. NONE OF THE FOLLOWING SHALL OCCUR WITHIN THE ROOT ZONE OF A STREET TREE WITHOUT UFA PERMISSION: ALTERATION OR DISTURBANCE TO EXISTING GRADE, STAGING / STORAGE OF CONSTRUCTION MATERIALS, EQUIPMENT, SOIL OR DEBRIS, DISPOSAL OF ANY LIQUIDS (E.G. CONCRETE, GAS, OIL, PAINT, OR BLACKTOP), AND TRENCHING.

4. SILT / SUPER SILT FENCE IS PROHIBITED WITHIN THE ROOT ZONE OF A STREET TREE; TRENCHLESS METHODS SUCH AS FILTER LOGS OR AN APPROVED EQUIVALENT SHALL BE USED. THE ROOT ZONE IS MEASURED AT 4.5' ABOVE GRADE FROM THE NEAR SIDE OF THE TRUNK TO THE DISTANCE THAT EQUALS THE TREE DIAMETER x 1.5' OR TO THE DRIP LINE OF A STREET TREE, WHICHEVER IS GREATER.

5. NO HEAVY EQUIPMENT SHALL BE USED TO REMOVE EXISTING HARDSCAPE WITHIN THE DRIP LINE OF AN EXISTING STREET TREE.

6. APPROVED EXCAVATIONS WITHIN THE DRIP LINE SHALL PROCEED WITH CARE BY USE OF HAND TOOLS OR EQUIPMENT THAT WILL NOT CAUSE INJURY TO TREE TRUNKS, BRANCHES AND ROOTS. THE DRIP LINE IS DEFINED AS THE GROUND AREA UNDER THE CANOPY OF THE TREE.

7. NO ROOTS GREATER THAN 2 INCHES IN DIAMETER SHALL BE CUT WITHOUT UFA PERMISSION. EXPOSED ROOTS 2 INCHES AND LARGER IN DIAMETER SHALL BE WRAPPED IN BURLAP OR OTHER APPROVED MATERIAL AND KEPT MOIST AT ALL TIMES.

8. IF THERE ARE ANY TREE CONFLICTS ON THIS JOB SITE PERMIT HOLDER MUST SUSPEND ALL WORK THAT CONTRIBUTES TO THE CONFLICT AND IMMEDIATELY CONTACT THE DDOT URBAN FORESTRY ADMINISTRATION AT 202-671-5133 TO RECEIVE CLEARANCE TO CONTINUE THE CONFLICTING WORK.

9. IF A STREET TREE REQUIRES REMOVAL, APPLICANT MUST APPLY FOR A CONSTRUCTION / EXCAVATION PERMIT FOR ITS REMOVAL. COMPENSATION IS BASED ON THE SIZE (DBH) AND HEALTH OF THE STREET TREE.

10. TREES THAT ARE PROTECTED SHALL BE THOROUGHLY WATERED EVERY 10 DAYS FROM APRIL THROUGH SEPTEMBER.

11. SEE DRAWING L0500 FOR TREE PROTECTION DETAILS.

SHEET INDEX:

L0001	LANDSCAPE NOTES AND LEGEND
L0101	LANDSCAPE SITE PLAN
L0102	LANDSCAPE LAYOUT PLAN
L0103	LANDSCAPE PLANTING PLAN
L0301	SECTIONS
L0500	TREE PROTECTION DETAILS
L0501	PLANTING DETAILS
L0502	SITE DETAILS
L0503	SITE FURNISHINGS

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Client:

Project:

No.	Date	Issue/Revision

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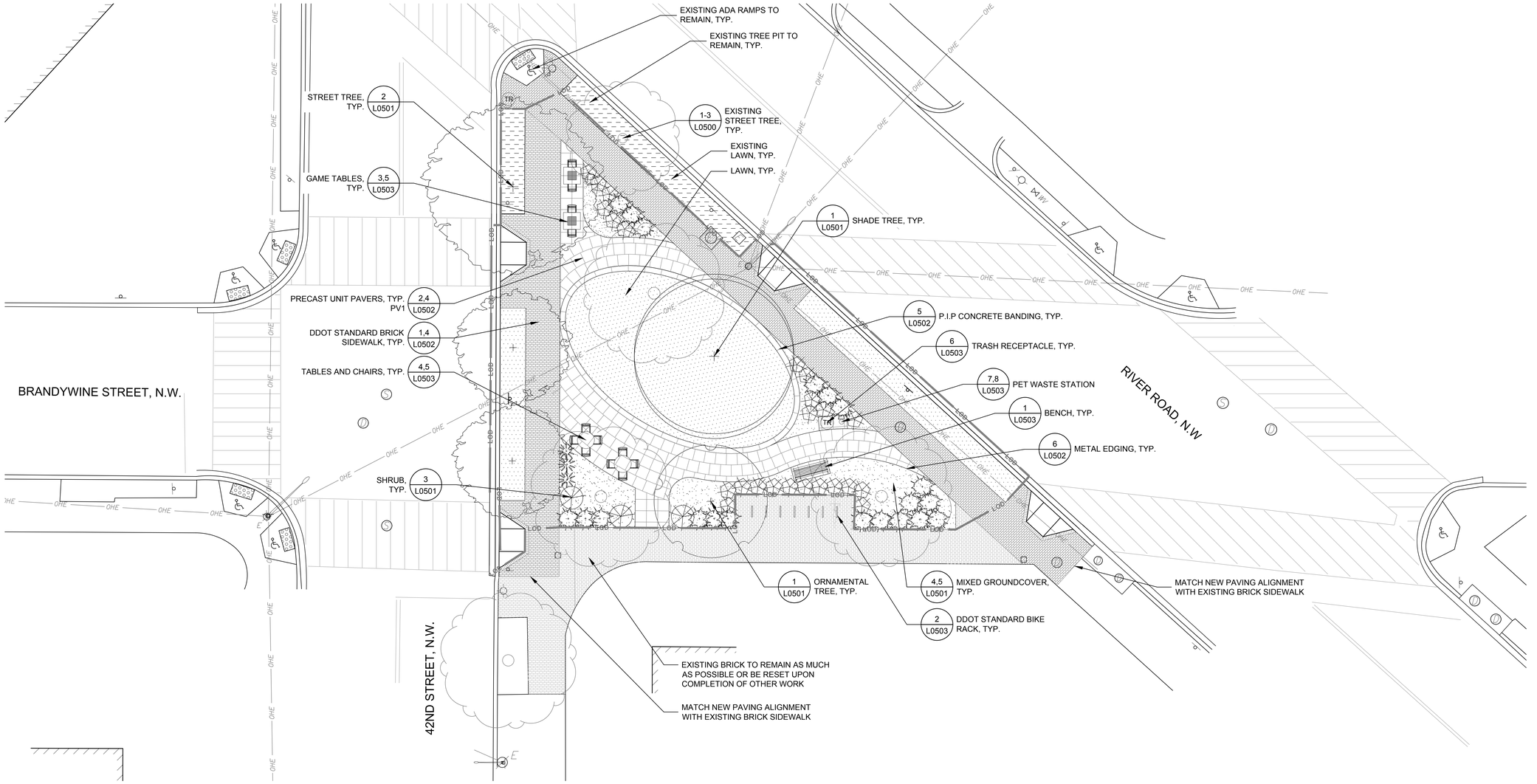
CA	JR	CA

Project No.: 18-049 Date: 07/16/2021

Scale:

Sheet Title: Landscape Notes and Legend

Sheet No.: L0001



LEGEND:

- SHADE TREE
- STREET TREE
- EXISTING TREE
- ORNAMENTAL TREE
- SHRUBS
- GAME TABLE
- TABLE AND CHAIRS
- BENCH
- BIKE RACK
- BRICK PAVERS
- PRECAST UNIT PAVERS
- MIXED GROUNDCOVER PLANTINGS
- LAWN AREA
- EXISTING LAWN AREA

MATERIAL MATRIX:

PAVER	PAVING TYPE	PAVING DIMENSION	MATERIAL	COLOR	FINISH	COMMENTS	DETAIL	NOTES
PAVER 1 (PV1)	PREST PAVER	24" x 24" x 2"	PRECAST CONCRETE	LIMESTONE GRAY	TUDOR	BASIS OF DESIGN: HANOVER	2 / L0502	SEE PLAN FOR LOCATIONS.

GENERAL NOTES:

1. ANY DAMAGE TO THE EXISTING STREETSCAPE ALONG 42ND STREET N.W. AND RIVER ROAD N.W., INCLUDING BUT NOT LIMITED TO CONCRETE PAVEMENT, BRICK PAVERS, PLANTINGS, AND LAWN TO BE REPAIRED OR REPLACED IN KIND.

NORTH

8 6 4 2 0 8 16
1/8" = 1'-0"

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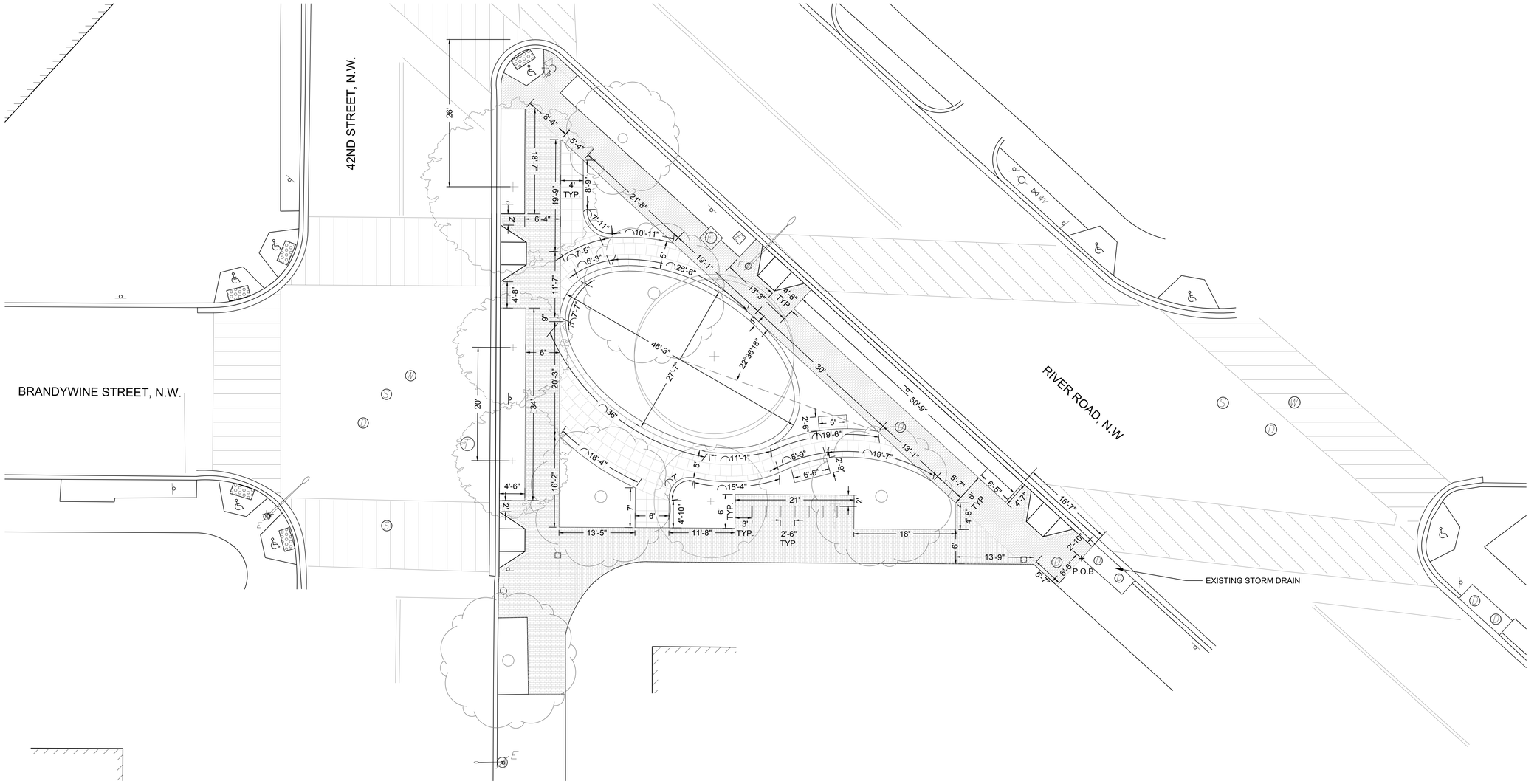
Scale: AS SHOWN

Sheet Title: Landscape Site Plan

Sheet No.: L0101



LEGEND:

- SHADE TREE
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NORTH

8 6 4 2 0 8 16

1/8" = 1'-0"

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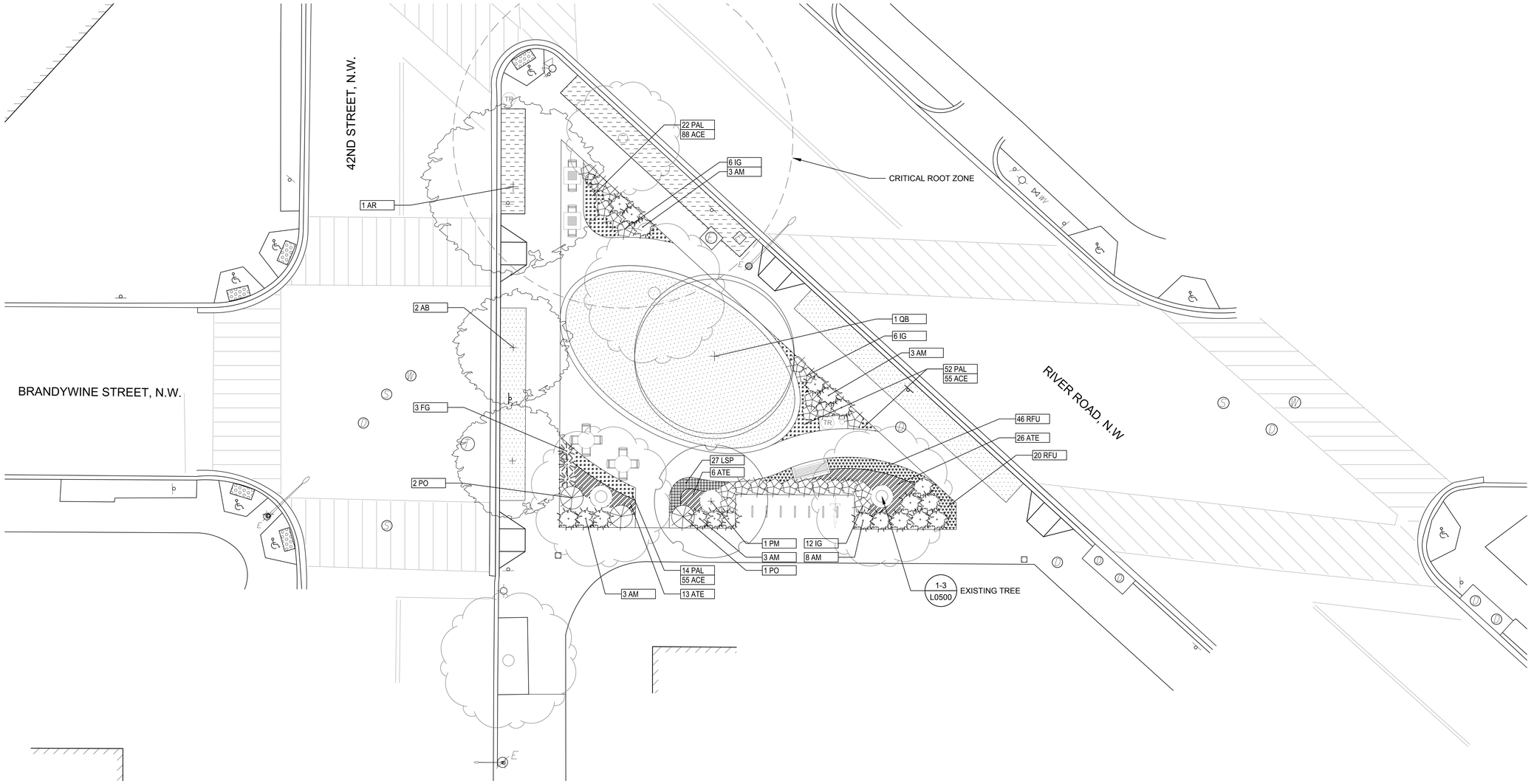
Scale: AS SHOWN

Sheet Title: Landscape Layout Plan

Sheet No.: L0102



LEGEND:

- SHADE TREE
- STREET TREE
- EXISTING TREE
- ORNAMENTAL TREE
- SHRUBS
- GAME TABLE
- TABLE AND CHAIRS
- BENCH
- BIKE RACK
- BRICK PAVERS
- PRECAST UNIT PAVERS
- MIXED GROUNDCOVER PLANTINGS
- LAWN AREA
- EXISTING LAWN AREA

PLANT SCHEDULE

SYMBOL	BOTANICAL NAME	COMMON NAME	QTY	SIZE	ROOT	SPACING
TREES						
AB	Acer buergerianum	Trident maple	2	3" cal.	B&B	See Plan
AR	*Acer rubrum* 'Franksred'	Red sunset maple	1	3" cal.	B&B	See Plan
PM	*Prunus mume* 'Peggy Clark'	Japanese apricot	1	3" cal.	B&B	See Plan
QB	*Quercus bicolor*	Swamp white oak	1	3" cal.	B&B	See Plan
SHRUB						
AM	Aronia melancarpa 'Morton'	Black chokeberry	20	3 Gallon	Cont.	3'
FG	*Fothergilla gardenii*	Dwarf Fothergilla	3	3 Gallon	Cont.	3'
IG	*Ilex glabra 'shamrock'*	Inkberry	24	3 Gallon	cont.	3"
PO	Physocarpus opulifolius 'Diabolo'	Ninebark	3	3 Gallon	cont.	4'
GRASSES, PERENNIALS & GROUND COVERS						
ATE	*Andropogon tenarius 'Black Mountain'*	Black mountain bluestem	45	1 Gallon	cont.	18"
LSP	*Liatris spicata* 'Kobold'	Blazing star	27	1 Gallon	cont.	12"
PAL	*Pennisetum alopecuroides* 'Hameln'	Dwarf fountain grass	36	1 Gallon	cont.	18"
RFU	*Rudbeckia fulgida* var. *sullivantii* 'Golsturm'	Orange coneflower	66	1 Gallon	cont.	12"
BULBS						
ACE	*Allium cernuum*	Nodding onion	208	1 Gallon	cont.	6"

NORTH

8 6 4 2 0 8 16

1/8" = 1'-0"

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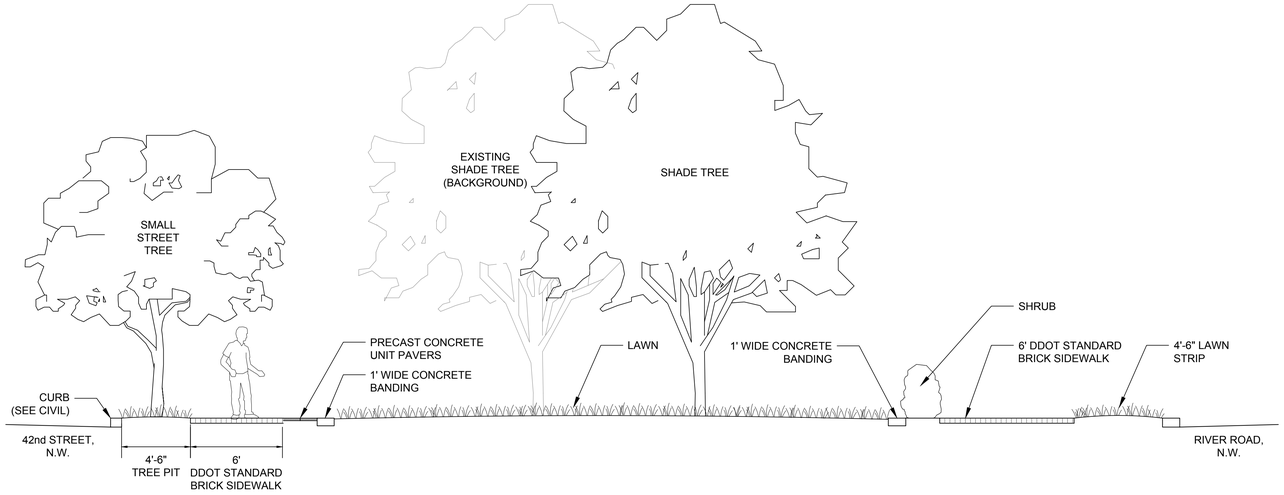
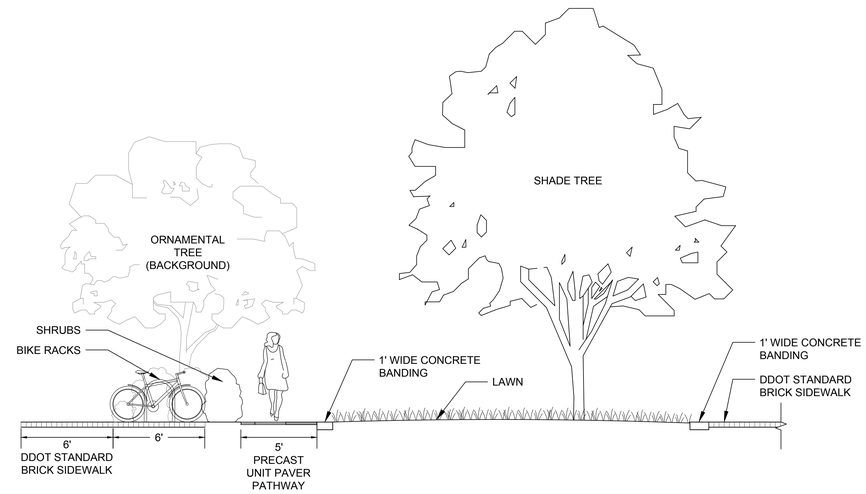
Sheet Title: Landscape Planting Plan

Sheet No.: L0103



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



2 SECTION
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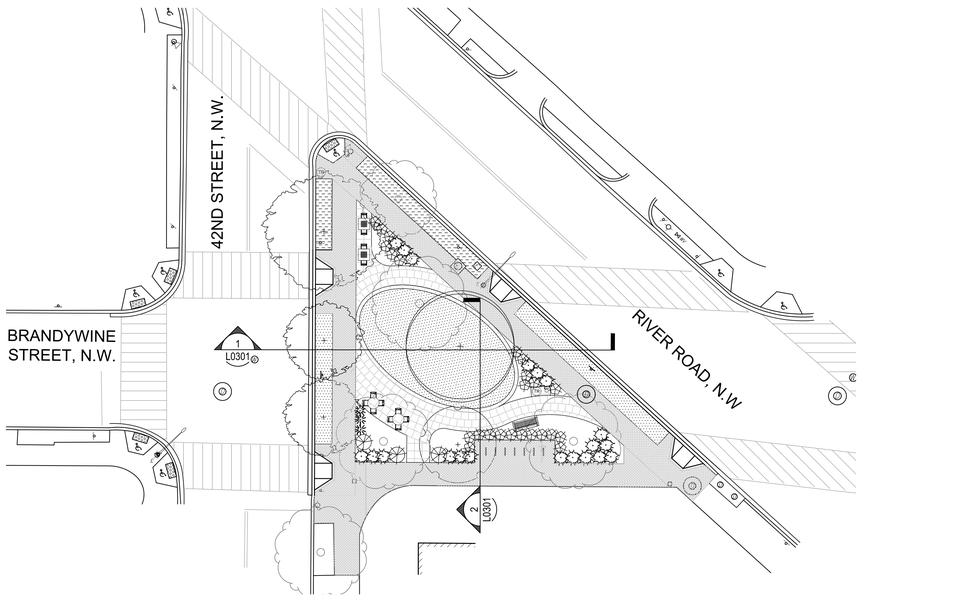

NORTH

16 12 8 4 0 16 32
1/16" = 1'-0"

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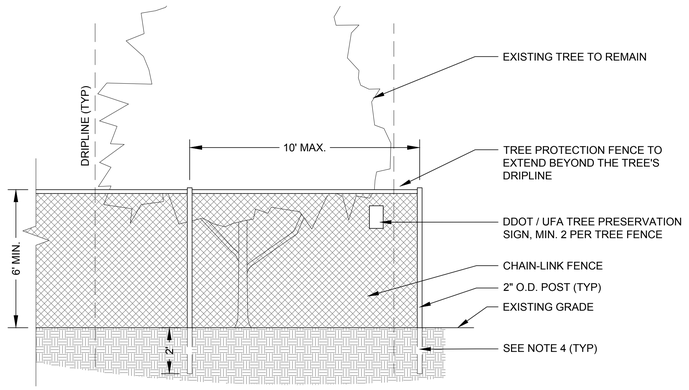
Scale:
AS SHOWN

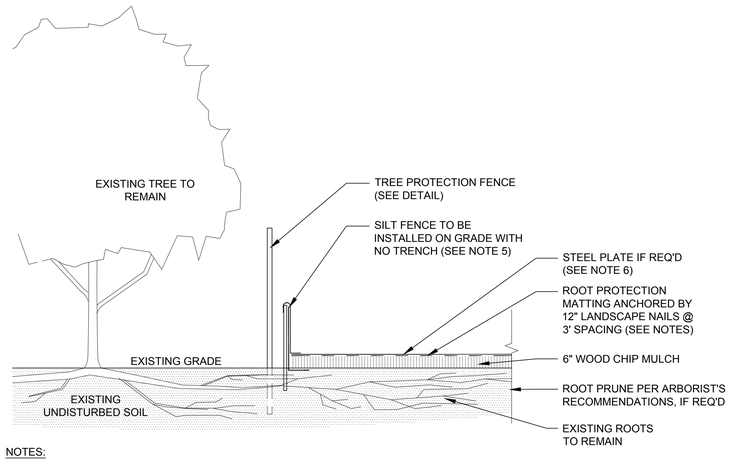
Sheet Title:
Sections

Sheet No.:
L0301



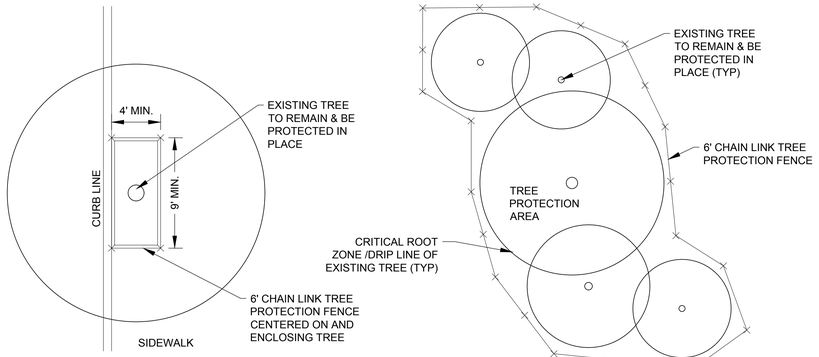
NOTES:
1. SEE TREE PROTECTION NOTES ON THIS SHEET FOR COMPLETE TREE PROTECTION REQUIREMENTS.
2. INSTALL FENCING PRIOR TO AND MAINTAIN THROUGHOUT CONSTRUCTION, REMOVING ONLY AT THE END OF THE PROJECT.
3. 6' TALL CHAIN LINK FENCE IS REQUIRED ON ALL SIDES OF TREE.
4. FENCING SHALL PROTECT AN AREA NO SMALLER THAN 4' x 9', CENTERED ON THE TREE, OR ENCLOSE MULTIPLE STREET TREES WHEN IN A CONTINUOUS, OPEN TREE PLANTING SPACE AND SITE ACCESS ALLOW.
5. FENCING SHALL HAVE VERTICAL AND HORIZONTAL SUPPORT RAILINGS TO DECREASE FLEXIBILITY AND PREVENT SAGGING.
6. FENCE POSTS SHALL BE ANCHORED IN GROUND TO PREVENT MOVEMENT AND PROVIDE A SECURE BARRIER. POSTS MAY ONLY BE MOUNTED IN CONCRETE BLOCKS WITH UFA APPROVAL.
5. A MINIMUM OF 2 DDOT / UFA STANDARD TREE PRESERVATION SIGNS SHALL BE MOUNTED TO THE FENCE OF EACH ENCLOSED TREE PROTECTION AREA.

1 TREE PROTECTION FENCE
TYPICAL DETAIL
N.T.S.



NOTES:
1. SEE TREE PROTECTION NOTES ON THIS SHEET FOR COMPLETE TREE PROTECTION REQUIREMENTS.
2. ROOT PROTECTION TO BE USED FOR DESIGNATED TEMPORARY CONSTRUCTION ACCESS & STOCKPILE AREAS.
3. ROOT PROTECTION MATTING SHALL BE INSTALLED BY A CERTIFIED ARBORIST.
4. MATTING MATERIAL SHALL BE DOUBLE-SIDED GEOCOMPOSITE, GEONET CORE WITH NON-WOVEN COVERING OR APPROVED EQUAL.
5. MATTING IS TO BE INSTALLED OVER SILT FABRIC AND ANCHORED BY 12" LANDSCAPE NAILS @ 12" O.C. SECOND LAYER OF SILT FABRIC IS TO BE INSTALLED ON TOP OF MATTING.
6. FOR HEAVY TRAFFIC AREAS, MATTING SHALL BE COVERED WITH STEEL PLATES.

2 TREE PROTECTION FENCE
TYPICAL DETAIL
N.T.S.



DETAIL "A":
PROTECTION FOR STREET TREES

DETAIL "B":
PROTECTION FOR OPEN SPACE TREES

NOTES:
1. SEE TREE PROTECTION NOTES ON L0100 FOR FULL TREE PROTECTION REQUIREMENTS.
2. FOR STREET TREES (PLANTED BETWEEN CURB AND SIDEWALK) REFER TO DETAIL "A" ABOVE. FOR TREES IN OPEN AREAS (PUBLIC PARKING BEHIND SIDEWALK OR IN PARK AREAS) REFER TO DETAIL "B" ABOVE.

3 TREE PROTECTION FENCE
PLAN VIEW DIAGRAMS
N.T.S.

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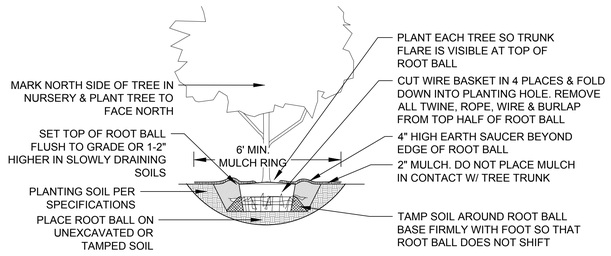
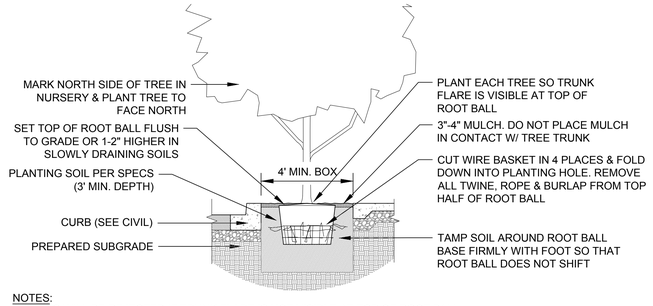


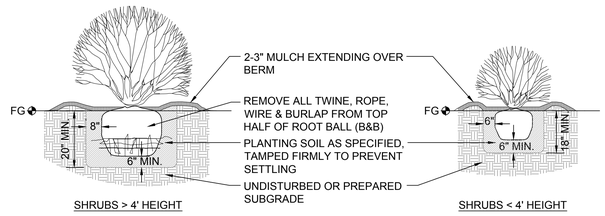
NOTES:
1. TREES WILL BE REJECTED IF TRUNK FLARE IS NOT VISIBLE AT TOP OF ROOT BALL.
2. DO NOT HEAVILY PRUNE TREE AT PLANTING. PRUNE ONLY CROSSING LIMBS, CO-DOMINANT LEADERS & BROKEN OR DEAD BRANCHES. SOME INTERIOR TWIGS & LATERAL BRANCHES MAY BE PRUNED, BUT DO NOT REMOVE TERMINAL BUDS OF BRANCHES THAT EXTEND TO THE EDGE OF CROWN.
3. STAKE OR WRAP TREE ONLY UPON APPROVAL OF LANDSCAPE ARCHITECT.
4. PLANTING SOIL MUST BE TESTED FOR TEXTURE, DRAINAGE CAPABILITY, PH & NUTRIENT VALUES PRIOR TO ANY SOIL IMPROVEMENTS OR AMENDMENTS. SEE SPECIFICATIONS.
5. THIS PLANTING DETAIL WAS BASED ON ISA (INTERNATIONAL SOCIETY OF ARBORICULTURE) STANDARD TREE PLANTING DETAIL. FOR MORE INFORMATION SEE www.isa-arbor.com OR CALL (217) 355-9411.

1 TREE PLANTING IN OPEN PLANTING AREAS TYPICAL DETAIL
N.T.S.



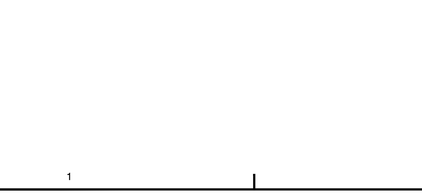
NOTES:
1. TREES WILL BE REJECTED IF TRUNK FLARE IS NOT VISIBLE AT TOP OF ROOT BALL.
2. DO NOT HEAVILY PRUNE TREE AT PLANTING. PRUNE ONLY CROSSING LIMBS, CO-DOMINANT LEADERS & BROKEN OR DEAD BRANCHES. SOME INTERIOR TWIGS & LATERAL BRANCHES MAY BE PRUNED, BUT DO NOT REMOVE TERMINAL BUDS OF BRANCHES THAT EXTEND TO THE EDGE OF CROWN.
3. STAKE OR WRAP TREE ONLY UPON APPROVAL OF LANDSCAPE ARCHITECT.
4. PLANTING SOIL MUST BE TESTED FOR TEXTURE, DRAINAGE CAPABILITY, PH & NUTRIENT VALUES PRIOR TO ANY SOIL IMPROVEMENTS OR AMENDMENTS. SEE SPECIFICATIONS.
5. TREE IS TO BE CENTERED IN TREE OPENING, UNLESS NOTED OTHERWISE ON PLANS.
6. MINIMUM TREE SOIL VOLUME IS TO BE ACHIEVED PER DDOT GREEN INFRASTRUCTURE STANDARDS.

2 STREET TREE PLANTING TYPICAL DETAIL
N.T.S.



NOTES:
1. ROOT BALL TO BE SET SLIGHTLY ABOVE FINISHED GRADE.
2. PRUNE AS NEEDED TO RETAIN NATURAL SHRUB SHAPE.
3. FOR CONTAINER GROWN PLANTS, SPLIT THE ROOT BALL WITH 4 EQUALLY SPACED VERTICAL CUTS AND BUTTERFLY THE ENTIRE ROOT BALL.
4. PLANTING AREAS WITH MULTIPLE SHRUBS ARE TO BE SIZED SO THAT THE OUTER EDGE OF THE PLANTING SOIL IS AT LEAST 8 INCHES FROM THE NEAREST SHRUB.

3 SHRUB PLANTING TYPICAL DETAIL
N.T.S.



4 GROUNDCOVER PLANTING DETAIL
N.T.S.

NOTES:
1. PLANTS TO BE INSTALLED WITH TRIANGULAR SPACING.
2. SPACING ON PLANT LEGEND REFERS TO SPACING "D" IN THIS TABLE.

SPACING "D"	ROW "A"
6" O.C.	5" O.C.
8" O.C.	7" O.C.
10" O.C.	9" O.C.
12" O.C.	10" O.C.
14" O.C.	12" O.C.
15" O.C.	13" O.C.
16" O.C.	14" O.C.
18" O.C.	16" O.C.
24" O.C.	21" O.C.
30" O.C.	26" O.C.
36" O.C.	30" O.C.

5 GROUNDCOVER SPACING DETAIL
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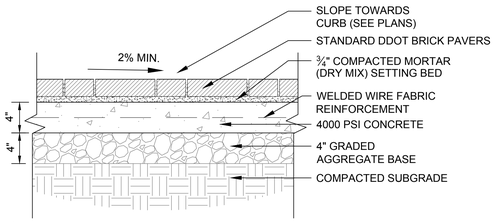
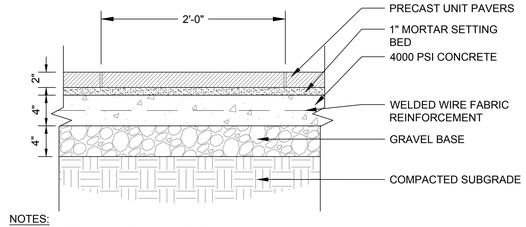


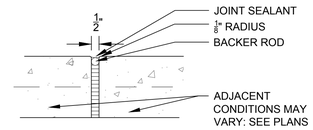
NOTES:
1. MORTAR COLOR TO BE CHOSEN ON-SITE FROM MFR'S FULL RANGE.
2. 1/2" PREFORMED EXPANSION JOINT TO BE USED WHERE PAVING MEETS CURB.

1 BRICK ON CONCRETE BASE
TYPICAL DETAIL
1 1/2" = 1'-0"



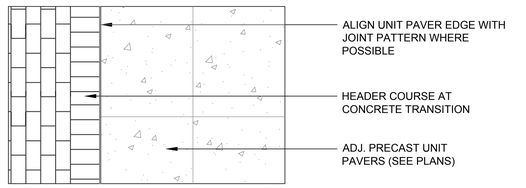
NOTES:
1. SEE MATERIALS MATRIX FOR COLOR AND FINISH INFORMATION.

2 PRECAST UNIT PAVERS ON CONCRETE
TYPICAL DETAIL
1 1/2" = 1'-0"

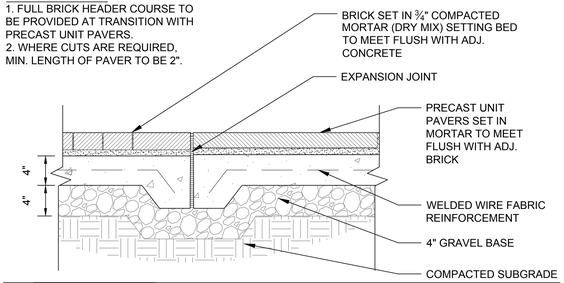


NOTE:
1. EXPANSION JOINTS WITH SEALANT TO BE PROVIDED AT ALL BUILDING FACES, CURBS, WALLS AND CHANGES IN PAVING MATERIAL AND AT MAXIMUM 18' O.C. IF NOT SHOWN ON PLAN.
2. MEET FLUSH WITH ADJACENT GRADES.

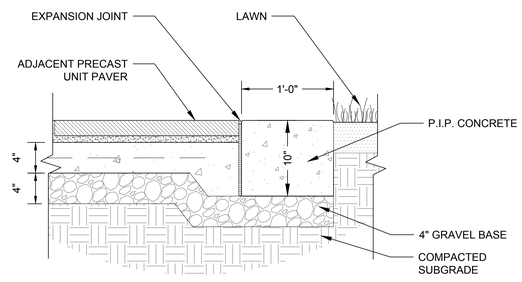
3 EXPANSION JOINT
TYPICAL DETAIL
3" = 1'-0"

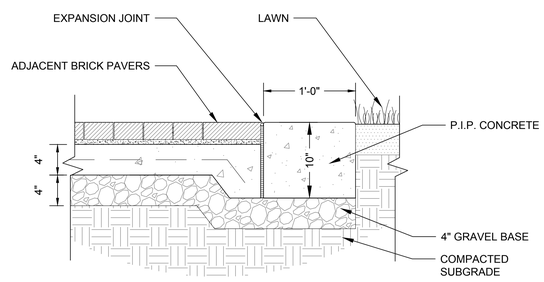


PLAN VIEW NOTES:
1. FULL BRICK HEADER COURSE TO BE PROVIDED AT TRANSITION WITH PRECAST UNIT PAVERS.
2. WHERE CUTS ARE REQUIRED, MIN. LENGTH OF PAVER TO BE 2".

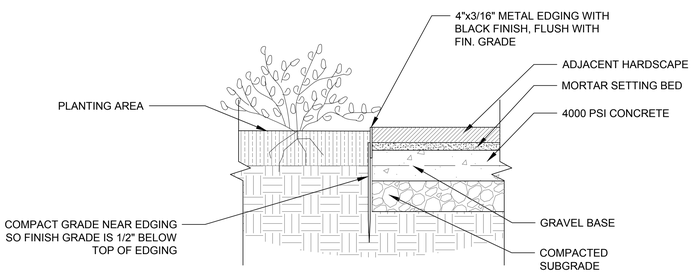


4 BRICK TO PRECAST UNIT PAVER
TYPICAL TRANSITION DETAIL
SCALE: 1 1/2" = 1'-0"





5 POURED IN PLACE (P.I.P.) CONCRETE BANDING
TYPICAL DETAIL
1 1/2" = 1'-0"



NOTES:
1. METAL EDGING TO BE SIZED AS NEEDED TO RETAIN PAVERS AND BRICKS.

6 PAVER TO PLANTING AREA
TYPICAL TRANSITION DETAIL
SCALE: 1 1/2" = 1'-0"

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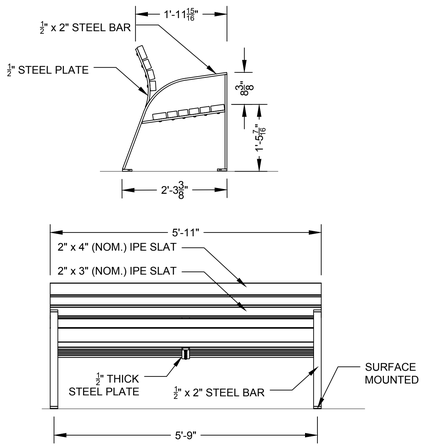
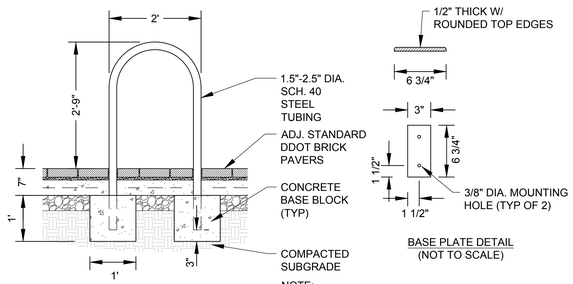


NOTES:
1. BASIS OF DESIGN: DUMOIR INC. BENCH OR APPROVED EQUAL.
2. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

1 BENCH - SURFACE MOUNTED
3/4" = 1'-0"

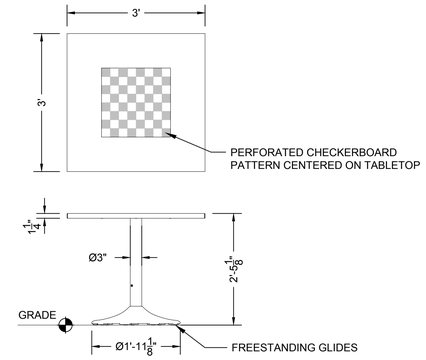


SECTION VIEW:
EMBEDDED IN CONCRETE ON STANDARD DDOT BRICK PAVERS

BASE PLATE DETAIL
(NOT TO SCALE)

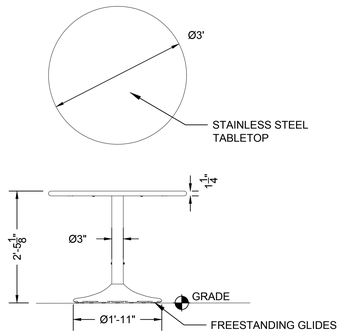
NOTE:
1. BIKE RACK SHALL BE HOT-DIP GALVANIZED AND FINISHED WITH GLOSS BLACK PVC COATING BEFORE INSTALLATION.
2. BIKE RACKS TO BE SPACED AT 30" O.C.

2 BIKE RACK
TYPICAL DDOT DETAIL
N.T.S



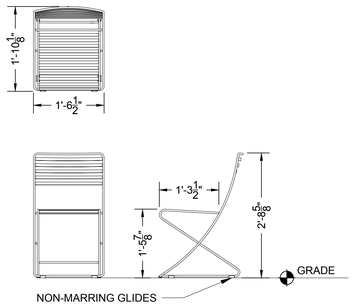
NOTES:
1. BASIS OF DESIGN: SQUARE, STAINLESS STEEL CANTENA FREESTANDING TABLE WITH CUSTOM PERFORATED CHECKERBOARD PATTERN BY LANDSCAPE FORMS.

3 GAME TABLE
3/4" = 1'-0"



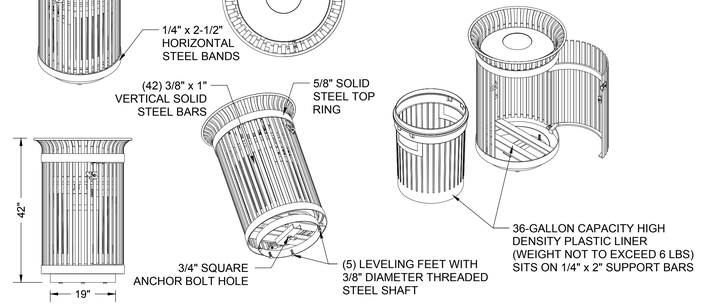
NOTES:
1. BASIS OF DESIGN: ROUND, STAINLESS STEEL CANTENA FREESTANDING TABLE BY LANDSCAPE FORMS OR APPROVED EQUAL.

4 TABLE
3/4" = 1'-0"



NOTES:
1. BASIS OF DESIGN: PARC CENTRE CHAIR BY LANDSCAPE FORMS OR APPROVED EQUAL.

5 CHAIR
3/4" = 1'-0"



FINISH:
BLACK POWDER COAT

LIDS
STANDARD TAPERED FORMED LID.

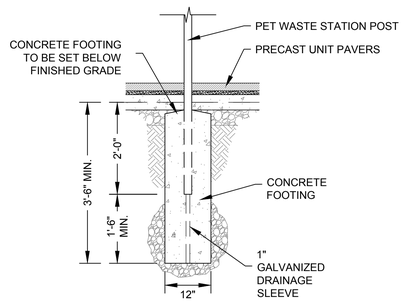
SECURITY
STANDARD LOCKABLE LATCH.
LID RIVETED IN PLACE.

NOTES:
1. ALL FABRICATED METAL COMPONENTS ARE STEEL SHOTBLASTED, ETCHED, PHOSPHATIZED, PREHEATED, AND ELECTROSTATICALLY POWDER-COATED WITH T.G.I.C. POLYESTER POWDER COATINGS. PRODUCTS ARE FULLY CLEANED AND PRETREATED, PREHEATED AND COATED WHILE HOT TO FILL CREVICES AND BUILD FILM COATING. COATED PARTS ARE THEN FULLY CURED TO COATING MANUFACTURER'S SPECIFICATIONS. THE THICKNESS OF THE RESULTING FINISH AVERAGES 8-10 MILS (200-250 MICRONS).
2. OIL IMPREGNATED BRONZE BUSHINGS AND STAINLESS STEEL PIVOT PINS FOR DOOR MOVEMENT, STANDARD 3/16" SOLID STEEL LATCH ASSEMBLY OR OPTIONAL PATENTED STAINLESS STEEL KEYED LOCK ASSEMBLY.
3. THIS PRODUCT MUST BE PERMANENTLY AFFIXED TO THE GROUND. CONSULT YOUR LOCAL CODES FOR REGULATIONS.
4. PLASTIC INNER LINERS ARE MOLDED ON TOOLING DESIGNED FOR AND OWNED BY MANUFACTURER. THEY OFFER MAXIMUM CAPACITY AND STRENGTH WITH LIGHTWEIGHT CONSTRUCTION USING CRITICAL MOLDED RIBS, INTEGRAL HANDHOLDS, AND HIGH-STRENGTH MATERIALS. THIS MINIMIZES HANDLING DIFFICULTY AND FACILITATES EASY EMPTYING AND STORAGE WHILE AFFORDING LONG SERVICE LIFE.
5. ANCHOR BOLTS NOT PROVIDED BY MANUFACTURER, CONTRACTOR MUST SUPPLY.

6 TRASH RECEPTACLE
DC STANDARD DETAIL
NOT TO SCALE

NOTES:
1. BASIS OF DESIGN: SUPERIOR PET WASTE ELIMINATOR STATION BY PET WASTE ELIMINATOR OR APPROVED EQUAL.
2. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

7 PET WASTE STATION
TYPICAL DETAIL
N.T.S.



8 PET WASTE STATION POST FOOTING
TYPICAL DETAIL
SCALE: 3/4" = 1'-0"

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