

PROPERTY OWNERS WITHIN 200 FT.:

Property ID (Block, Lot)	Property Location	Owner Name & Address	Property ID (Block, Lot)	Property Location	Owner Name & Address
120, 20	60 Robins Place	Joseph D. Roberts & Meghan Ziszworski 60 Robins Place Metuchen, NJ 08840	118, 62	59 Robins Place	Cheryl Orth 59 Robins Place Metuchen, NJ 08840
120, 19	58 Robins Place	Daniel B. Susante L. Ona 58 Robins Place Metuchen, NJ 08840	118, 68	65 Robins Place	Neo Frances Moore 65 Robins Place Metuchen, NJ 08840
120, 18, 01	74 Robins Place	Gerald & Shirley D. Windsor 74 Robins Place Metuchen, NJ 08840	118, 67	73 Robins Place	Christoph & Diane R. Battaglia 73 Robins Place Metuchen, NJ 08840
118, 18, 04	Inn Place	David Aitken 34 Highland Avenue Metuchen, NJ 08840	117, 56, 01	470 Main Street	Highland Main Acquisition LLC 1 Highland Avenue Metuchen, NJ 08840
118, 14, 01	Metuchen Borough	Metuchen Borough	117, 59	470 Main Street	Dinar Realty LLC 30 Highland Avenue Metuchen, NJ 08840
118, 14, 02	65 Robins Place	Cesar & Corazon Del Rosario 65 Robins Place Metuchen, NJ 08840	117, 61	470 Middlesex Avenue	Dinar Realty LLC 30 Highland Avenue Metuchen, NJ 08840
118, 18, 01	Metuchen Borough	Metuchen Borough	117, 69	608 Middlesex Avenue	Metuchen Borough 500 Main Street Metuchen, NJ 08840
118, 13, 02	65 Robins Place	Cesar & Corazon Del Rosario 65 Robins Place Metuchen, NJ 08840	117, 68	608 Middlesex Avenue	Metuchen Borough 500 Main Street Metuchen, NJ 08840
118, 12	62 Inn Place	Cesar & Corazon Del Rosario 62 Inn Place Metuchen, NJ 08840	117, 65	608 Middlesex Avenue	Metuchen Borough 500 Main Street Metuchen, NJ 08840
118, 11	29 Hillside Avenue	Vit L. Li 29 Hillside Avenue Metuchen, NJ 08840	117, 70	491 Middlesex Avenue	Metuchen Borough 500 Main Street Metuchen, NJ 08840
118, 9	91 Hillside Avenue	Helen M. Fierce 91 Hillside Avenue Metuchen, NJ 08840	117, 72	491 Middlesex Avenue	Metuchen Borough 500 Main Street Metuchen, NJ 08840
118, 7	99 Hillside Avenue	Miranda L. Thornton 99 Hillside Avenue Metuchen, NJ 08840	117, 38, 01	43 Highland Avenue	Metuchen Borough 500 Main Street Metuchen, NJ 08840
118, 5	95 Hillside Avenue	Josée C. Digiambo 95 Hillside Avenue Metuchen, NJ 08840	117, 40	37 Highland Avenue	Metuchen Borough 500 Main Street Metuchen, NJ 08840
118, 3	49 Robins Place	Sen. Ronald W. Windham & Son, Inc. 49 Robins Place Metuchen, NJ 08840	117, 41	37 Highland Avenue	Metuchen Borough 500 Main Street Metuchen, NJ 08840
118, 1	45 Robins Place	Fred A. Aitken 45 Robins Place Metuchen, NJ 08840	117, 43	39 Highland Avenue	Metuchen Borough 500 Main Street Metuchen, NJ 08840
118, 06, 02	65 Robins Place	Cesar & Corazon Del Rosario 65 Robins Place Metuchen, NJ 08840	117, 44	39 Highland Avenue	Metuchen Borough 500 Main Street Metuchen, NJ 08840
118, 06, 01	65 Robins Place	Cesar & Corazon Del Rosario 65 Robins Place Metuchen, NJ 08840	117, 48	21 Highland Avenue	Metuchen Borough 500 Main Street Metuchen, NJ 08840
118, 04	65 Robins Place	Cesar & Corazon Del Rosario 65 Robins Place Metuchen, NJ 08840	117, 50	Highland Avenue	Metuchen Borough 500 Main Street Metuchen, NJ 08840

UTILITIES LIST:

P.E. & G. Co. Manager-Corporate Properties 80 Park Plaza, 16B Newark, NJ 07102	Elizabeth Gas Co. 1 Elizabeth Plaza P.O. Box 3174 Union, NJ 07083	Texas Eastern Transmission Corp. 501 Coedige Street South Plainfield, NJ 07080	Middlesex Water Co. 485 Rt 1 So., Bldg C, 4th Flr. Iselin, NJ 08830	Middlesex County Planning Board Middlesex County Administration Building CN 613 75 Bayard Street, 5th Floor New Brunswick, NJ 08901	DEPT. OF TRANSPORTATION 1035 PARKWAY AVENUE CN 613 TRENTON, NJ 08625	Middlesex Water Co. 500 Main Street Metuchen, NJ 08840	Freehold Soil Conservation District 4000 Koszowski Road P.O. Box 5033 Freehold, NJ 07728-5033
Cablevision of Raritan Valley 275 Centennial Avenue CN 6865 Piscataway, NJ 08855 Attn: Marguerite Proverville Construction Department	Buckeye Pipeline P.O. Box 368 Evanston, Pa. 18849	New Jersey Bell Telephone Co. 540 Broad St. - Room 305 Newark, NJ 07101	New Jersey Bell Telephone Co. 540 Broad St. - Room 305 Newark, NJ 07101				

GENERAL NOTES:

- PROPERTY KNOWN AND DESIGNATED AS LOTS 15, 16, 17, 18, 05, 40, 02 & 44 IN BLOCK 118 SHOWN ON THE CURRENT TAX MAP SHEET No. 35 OF THE BOROUGH OF METUCHEN, MIDDLESEX COUNTY, NEW JERSEY.
- AREA OF SITE:
LOTS 40.02 & 44 (TRACT I) - 13,190 S.F. ± (0.3028 AC. ±)
LOTS 15, 16, 17 & 18.05 (TRACT II) - 12,613 S.F. ± (0.2896 AC. ±)
TOTAL AREA = 25,803 S.F. ± (0.5924 AC. ±)
- TRACT I IS SITUATED IN BOTH "R-1" (RESIDENTIAL DISTRICT) AND "B-1" (CENTRAL BUSINESS DISTRICT) AND TRACT II IS SITUATED IN "R-1" (RESIDENTIAL DISTRICT). THIS APPLICATION WILL BE DEVELOPED UNDER "R-1" (RESIDENTIAL DISTRICT).
- TRACT I CURRENTLY HAS AN EXISTING 11,518 S.F., 3 STORY FRAME W/BRICK FACE OFFICE BUILDING WITH A MACADAM PARKING LOT. TRACT II IS CURRENTLY A STONE PARKING LOT NO STRUCTURES ON SITE. THE APPLICANT PROPOSES TO CONSTRUCT A 8,249 S.F. ADDITION AND CONVERT THE EXISTING 3 STORY OFFICE BUILDING INTO A 3 STORY MIX USE BUILDING WITH 20 MULTI-FAMILY UNITS & 390 S.F. OFFICE USE.
PROP. 3 STORY MIX USE BUILDING
USE FLOOR AREA CALCULATIONS:
THIRD FLOOR: 5,721 S.F. (3 UNITS STUDIO, 2 UNITS 1-BR, 1 UNIT 2-BR)
SECOND FLOOR: 5,748 S.F. (3 UNITS STUDIO, 2 UNITS 1-BR, 1 UNIT 3-BR)
FIRST FLOOR: 5,591 S.F. (3 UNITS STUDIO, 2 UNITS 1-BR, 1 UNIT 2-BR)
GROUND FLOOR: 3,801 S.F. (1 UNIT STUDIO, 1 UNIT 1-BR, 390 S.F. OFFICE)
TOTAL = 20,861 S.F. G.F.A. (20 MULTI-FAMILY UNITS & 390 S.F. OFFICE)
OFFICE USE: 1.0 PER 250 S.F. OF FLOOR AREA
10 UNITS - STUDIO X 1.8 = 18.0 SPACES
7 UNITS - 1 BR. X 1.8 = 12.6 SPACES
2 UNITS - 2 BR. X 2.0 = 4.0 SPACES
1 UNIT - 3 BR. X 2.1 = 2.1 SPACES
390 S.F. OFFICE/250 S.F. = 1.56 SPACES
TOTAL REQUIRED PARKING = 37.7 = 38 SPACES
TOTAL PROVIDED PARKING = 37 SPACES (35 SPACES FOR SITE, 2 FOR ADJACENT PROPERTY)
EV READY STALLS (35 X 0.15 = 5.25 STALLS), 6 STALLS PROPOSED
ONE-THIRD MINIMUM TO BE INSTALLED AS EVSE ACTIVE (6 X 0.33 = 1.98 ROUNDED TO 2 STALLS MIN.)
10% MAXIMUM CREDIT FOR EVSE/MAKE-READY (38 X 0.10 = 3.8 STALLS CREDIT)
35 PROVIDED + 3.8 EVSE CREDIT = 38.8 = 39 PROVIDED
- SURVEY REFERENCES:**
THE OUTBOUND & TOPOGRAPHIC SURVEY INFORMATION SHOWN ON THIS PLAN WAS PROVIDED BY THE APPLICANT AND IS BASED ON THE MAP ENTITLED, "BOUNDARY/TOPOGRAPHIC SURVEY 20 HIGHLAND AVENUE, BOROUGH OF METUCHEN, MIDDLESEX COUNTY, NEW JERSEY, BLOCK 118, LOTS 15, 16, 17, 18, 05, 40, 02 & 44", DATED 06/12/23, REVISED ON 06/15/23. PREPARED BY BRUNSWICK SURVEYING INCORPORATED, PISCATAWAY, NEW JERSEY 08854.
- ALL PROPOSED IMPROVEMENTS SHALL CONFORM TO THE BOROUGH OF METUCHEN STANDARDS AND SPECIFICATIONS.
- PARKING REQUIREMENTS:**
RESIDENTIAL PARKING, RRIS STANDARDS
MID-RISE APARTMENT: 1 BR. (1.8 SPACES/UNIT), 2 BR. (2.0 SPACES/UNIT) AND 3 BR. (2.1 SPACES/UNIT)
ADA PARKING REQUIREMENTS:
ADA SPACES REQUIRED (26-50 SPACES) = 2 (1 VAN ACCESSIBLE)
ADA SPACES PROVIDED = 3 (1 VAN ACCESSIBLE, 1 REGULAR, 1 EVSE)
BICYCLE PARKING AS RECOMMENDED BY THE BOROUGH PLANNER:
BICYCLE PARKING RECOMMENDED = 1 PER APARTMENT = 23
(BIKE ROOM ON GROUND FLOOR PLUS HOOKS IN APARTMENTS, REFER TO ARCHITECT'S PLAN)

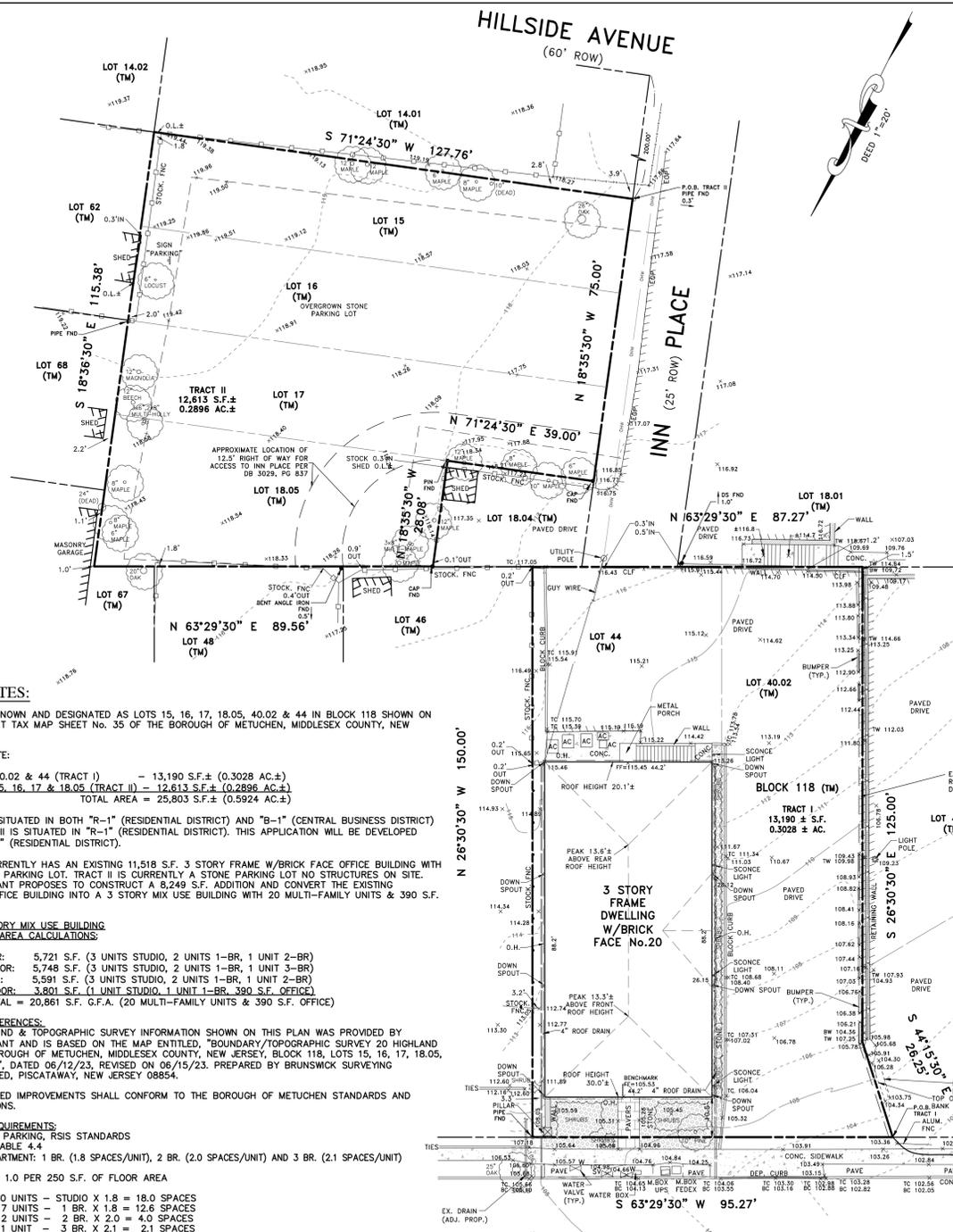
OWNER/APPLICANT:

OWNER:
CYDARA LLC
20 HIGHLAND AVENUE
METUCHEN, NJ 08840

APPLICANT:
51 HOLLY RD. ASSOCIATES, LLC
JAMIE GORDON
P.O. BOX 476
METUCHEN, NJ 08840
732-709-8297

INDEX OF DRAWINGS

DRAWING DESCRIPTION	SHEET NO.	LAST REVISED
200 FT. RADIUS MAP & EXISTING CONDITIONS MAP	1	03/01/24
DIMENSIONING PLAN	2	03/01/24
GRADING AND UTILITY PLAN & DETAILS	3	02/08/24
LANDSCAPING PLAN & DETAILS	4	02/08/24
LIGHTING PLAN & DETAILS	5	02/08/24
CONSTRUCTION DETAILS	6	02/08/24
SOIL EROSION AND SEDIMENT CONTROL PLAN & DETAILS	7	02/08/24



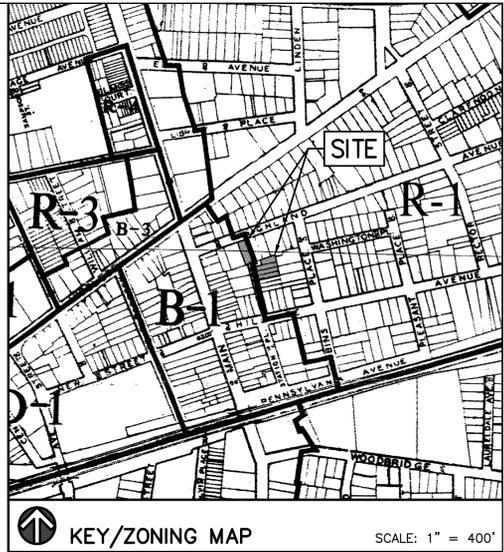
HIGHLAND AVENUE (50' ROW)
EXISTING CONDITIONS MAP
SCALE: 1"=20'

BULK REQUIREMENTS FOR "R-1" (RESIDENTIAL DISTRICT)

	REQUIRED	EXISTING	PROPOSED
MINIMUM LOT AREA:	TRACT I 10,000 SF	TRACT II 13,190 SF	13,190 SF
MINIMUM LOT WIDTH:	TRACT I 75 FT	TRACT II 87.27 FT	87.27 FT
MINIMUM LOT DEPTH:	TRACT I 100 FT	TRACT II 150 FT	150 FT
MINIMUM FRONT YARD SETBACK:	TRACT I 30 FT	(E) 10.5 FT	(E) 10.5 FT
MINIMUM ONE SIDE YARD SETBACK:	TRACT I 10 FT	(E) 3.3 FT	(E) 3.3 FT
MINIMUM BOTH SIDE YARD SETBACKS:	TRACT I 20 FT	43.1 FT	43.1 FT
MINIMUM REAR YARD SETBACK:	TRACT I 25 FT	51.3 FT	(V) 10.08 FT
MAXIMUM BUILDING COVERAGE:	TRACT I 30%	(3,896 SF±) 29.5%	(V) (5,716 SF±) 43.3%
MAXIMUM IMPERVIOUS COVERAGE:	TRACT I 50%	(E) (11,953 SF±) 90.6%	(E) (11,136 SF±) 84.4%
MAXIMUM BUILDING HEIGHT:	TRACT I 35 FT/3 STY	34.44 FT/3 STY	34.44 FT/3 STY

* THE PREVAILING SETBACK (FOR TRACT I) CONSIDERS THE IMMEDIATE ADJACENT LOTS ON EITHER SIDE OF THE TRACT (LOTS 46 AND 40.01). LOT 46 IS 24 HIGHLAND AVENUE CONTAINING A DWELLING AND LOT 40.01 IS PART OF ANOTHER LOT BUT HAS NO BUILDING, AS SUCH, THE AVERAGE SETBACK IS CALCULATED AS ONLY 24 HIGHLAND AVENUE SINCE THE OTHER LOT HAS NO BUILDING, WHICH MEANS THE PREVAILING FRONT YARD SETBACK IS 30 FEET.

(E) - EXISTING NON CONFORMING
(V) - PROPOSED VARIANCE
N/A - NOT APPLICABLE



APPROVED BY THE METUCHEN ZONING BOARD OF ADJUSTMENT

CHAIRMAN OF THE ZONING BOARD OF ADJUSTMENT _____ DATE _____

SECRETARY OF THE ZONING BOARD OF ADJUSTMENT _____ DATE _____

BOROUGH ENGINEER _____ DATE _____

SCALE: 1" = 400'

CERTIFICATION OF SITE IMPROVEMENTS
IN COMPLIANCE WITH PROWAG AND ADAAG

THE UNDERSIGNED CERTIFIES THAT THE DESIGN OF PROPOSED SITE IMPROVEMENTS MEETS THE REQUIREMENTS SET FORTH IN THE US ACCESS BOARD'S PUBLIC RIGHTS-OF-WAY ACCESSIBILITY GUIDELINES (PROWAG) AND AMERICAN DISABILITIES ACT ACCESSIBILITY GUIDELINES (ADAAG).

Leslie A. Walker III 02/06/24
LESLIE A. WALKER III, PE DATE _____
PROFESSIONAL ENGINEER
NEW JERSEY LICENSE NUMBER: 24GE04729700

REV.	DESCRIPTION	DATE	BY
5	UPDATED PER REVISED ARCHITECTURAL PLANS	03/01/24	DSA
4	REVISED PLAN PER BOARD ENGINEER'S LETTER DATED 02/07/23	02/08/24	RVB
3	REVISED PLAN PER BOROUGH PLANNER'S LETTER DATED 12/13/23	01/28/24	DSA
2	REVISED PLAN PER BOROUGH PLANNER'S COMMENTS 11/02/23	11/02/23	DSA
1	REVISED PLAN PER BOROUGH PLANNER'S LETTER DATED 10/21/23	10/31/23	DSA

200 FT. RADIUS MAP & EXISTING CONDITIONS MAP
GRAPHIC SCALE 1" = 20'

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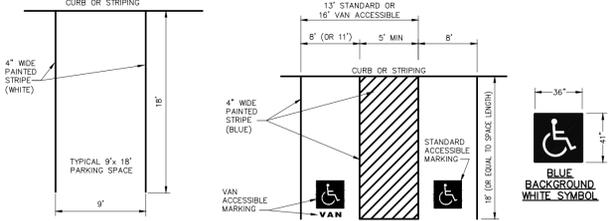
MERIDIAN ENGINEERING GROUP, INC.
CERTIFICATE OF AUTHORIZATION NUMBER: 24GA28084700

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HYDRAULIC & HYDROLOGIC ENGINEERING
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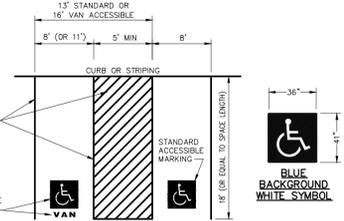
1199 AMBOY AVENUE, SUITE 10
EDISON, NEW JERSEY 08837
PHONE: (732) 205-8288 • FAX: (732) 719-7208
www.meridianeng.com • info@meridianeng.com

SITE PLAN
PREPARED FOR:
MIXED USE
LOTS 15-17, 18.05, 40.02 & 44 IN BLOCK 118
20 HIGHLAND AVENUE
SITUATED IN:
BOROUGH OF METUCHEN
MIDDLESEX COUNTY, NEW JERSEY

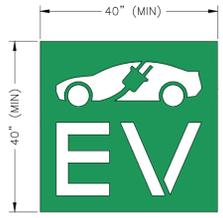
Leslie A. Walker III 02/01/24
LESLIE A. WALKER III, PE DATE _____
PROFESSIONAL ENGINEER
NEW JERSEY LICENSE NUMBER: 24GE04729700



TYPICAL PARKING STALL STRIPING DETAIL



TYPICAL ACCESSIBLE PARKING SPACE STRIPING DETAIL

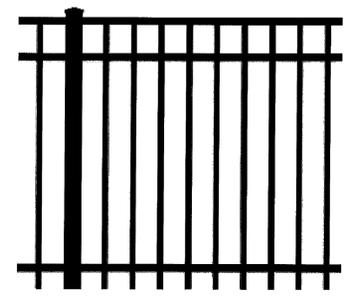


EV PAVEMENT PARKING

NOTE: DIMENSIONS AND DESIGN MAY VARY, DEPENDANT ON TEMPLATE SUPPLIER. PAINT OF PARKING SPACE(S) AND TEMPLATE MUST BE GREEN ACRYLIC TRAFFIC MARKING PAINT.

ORNAMENTAL ALUMINUM FENCING

The Opal

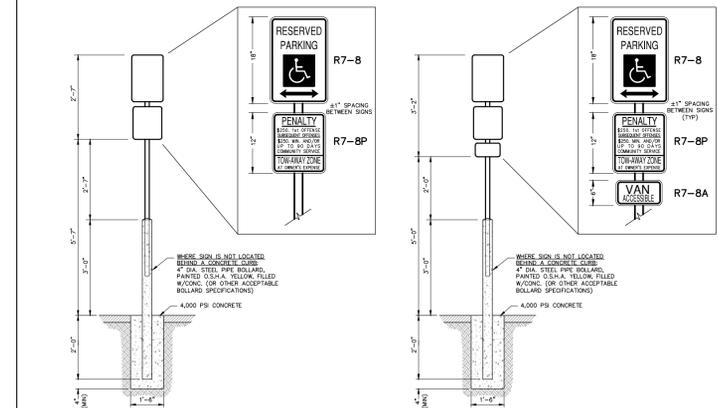


Commercial Components

Pickets	3/4" sq. x .062 wall
Horizontal Rails	1 1/4" x 1/8"
Side Walls	.100 wall
Top Walls	.070 wall
Standard Posts	2 1/2" sq. x .075 wall
Gate Posts	4" sq. x .125 wall
Spacing Between Pickets	4"
Standard Tighter Spacing	1 1/2"
Maximum Post Spacing	72", 96" on center
Height	60"
Standard Color	Black

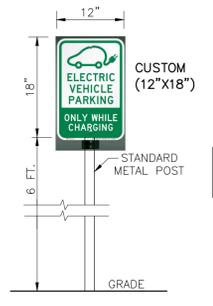


PROPOSED 60" HIGH DECORATIVE METAL FENCE ADJACENT TO EXISTING WALL

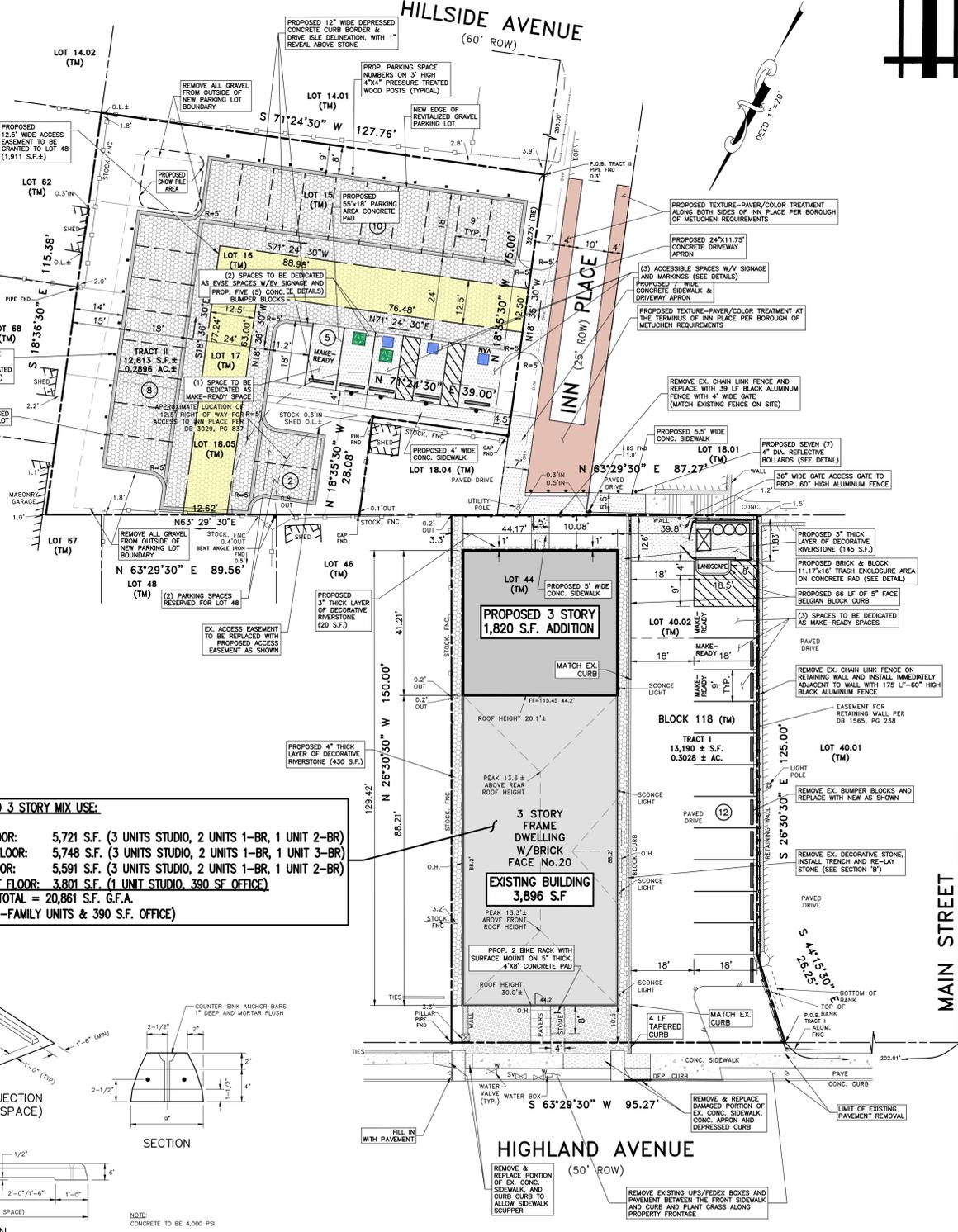


DETAIL OF CONCRETE BOLLARD STANDARD ACCESSIBLE SIGN POST

DETAIL OF CONCRETE BOLLARD VAN ACCESSIBLE SIGN POST



EV SIGN DETAIL



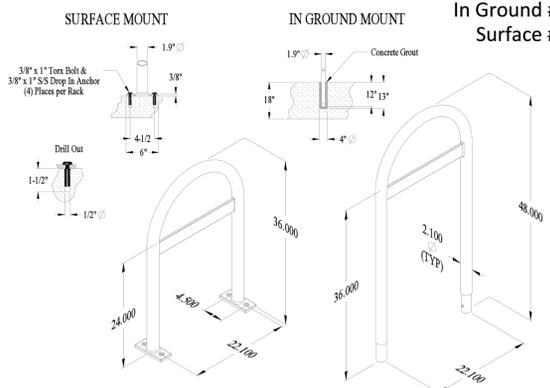
PROPOSED 3 STORY MIX USE:

THIRD FLOOR: 5,721 S.F. (3 UNITS STUDIO, 2 UNITS 1-BR, 1 UNIT 2-BR)
 SECOND FLOOR: 5,748 S.F. (3 UNITS STUDIO, 2 UNITS 1-BR, 1 UNIT 3-BR)
 FIRST FLOOR: 5,591 S.F. (3 UNITS STUDIO, 2 UNITS 1-BR, 1 UNIT 2-BR)
 BASEMENT FLOOR: 3,801 S.F. (1 UNIT STUDIO, 390 SF OFFICE)
TOTAL = 20,861 S.F. G.F.A.
(20 MULTI-FAMILY UNITS & 390 S.F. OFFICE)



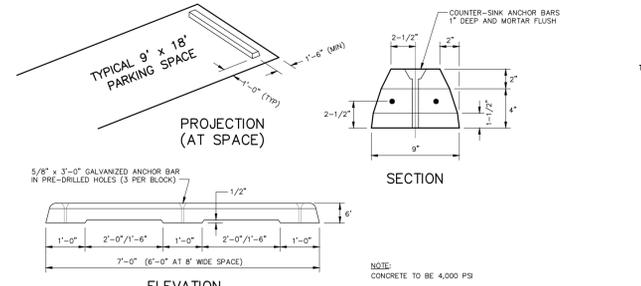
Plastisol {Braced} Racks Surface Mount / In Ground Mount

In Ground #12727 Surface #12728



Plastisol {Braced} Racks Surface Mount / In Ground Mount {Dims}

2 BIKE RACK - SURFACE MOUNT #12728 BIKE U RACK WITH CROSSBAR, IN BLACK (POWDER COAT)

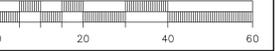


PRECAST CONCRETE BUMPER BLOCK DETAIL

REV.	DESCRIPTION	DATE	BY
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DIMENSIONING PLAN

GRAPHIC SCALE 1" = 20'



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SITE PLAN PREPARED FOR:
MIXED USE
 LOTS 15-17, 18.05, 40.02 & 44 IN BLOCK 118
 20 HIGHLAND AVENUE
 SITUATED IN:
 BOROUGH OF METUCHEN
 MIDDLESEX COUNTY, NEW JERSEY

CAD: 46-65 DATE: 10/18/23 SCALE: 1" = 20'
 FILE: 046.0065 DRAWN: DSA SHEET 2 OF 7

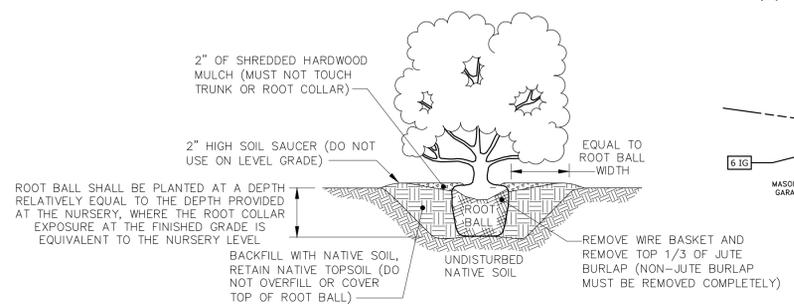
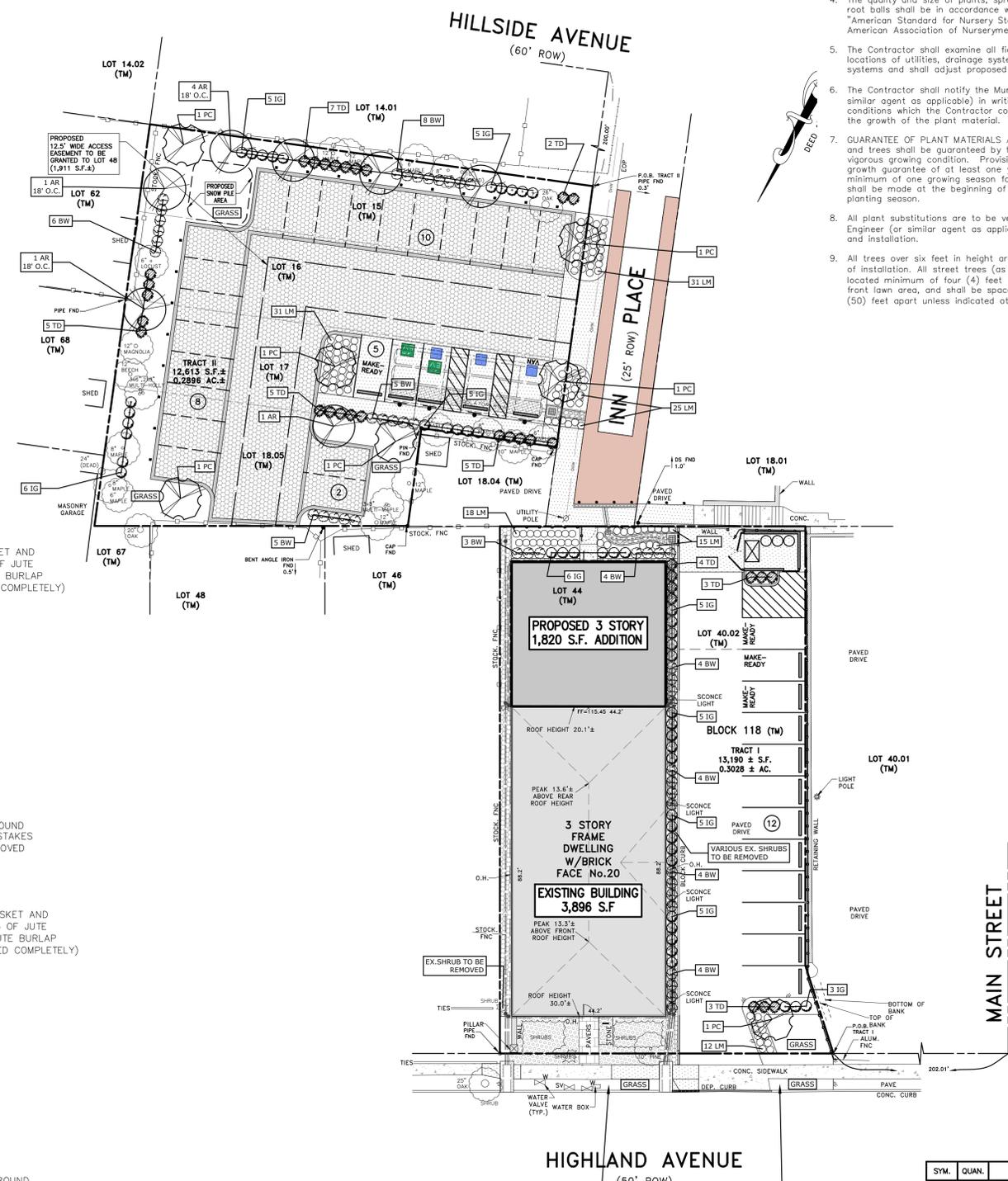
LESLIE A. WALKER III, PE DATE 03/01/24
 PROFESSIONAL ENGINEER
 NEW JERSEY LICENSE NUMBER: 24GE04792700

DETAIL OF CONCRETE BOLLARD

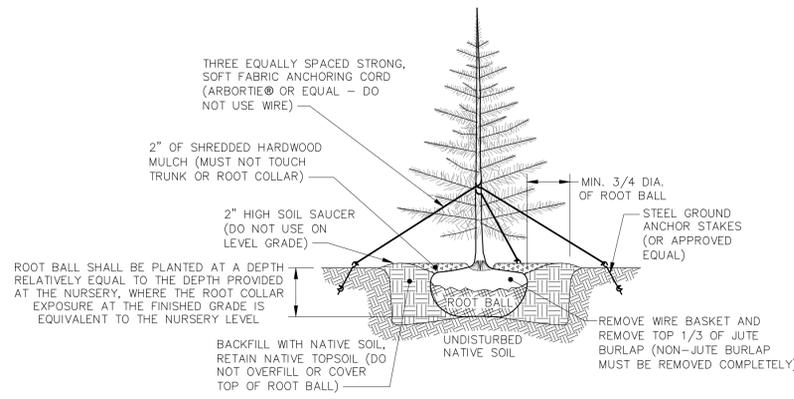
PLANTING NOTES

- All landscaping plant material are shown in a semi-mature size in this plan set. Sizes indicated in Plant List are sizes at time of installation.
- The staking layout of all retaining walls, walkways, patio and deck surfaces, irrigation lines, and plantings (where applicable) shall be inspected by the Municipal Engineer (or similar agent as applicable) prior to installation. It is the contractor's responsibility to notify the Municipal Engineer (or similar agent as applicable) as to when the work shall begin.
- Plant locations shown on this plan are diagrammatic. The final locations of all plant materials shall be determined and approved by the Municipal Engineer (or similar agent as applicable).
- The quality and size of plants, spread of roots and size of root balls shall be in accordance with ANSI Z601-1985, "American Standard for Nursery Stock" as published by the American Association of Nurserymen.
- The Contractor shall examine all field conditions for exact locations of utilities, drainage systems and irrigation systems and shall adjust proposed plantings accordingly.
- The Contractor shall notify the Municipal Engineer (or similar agent as applicable) in writing of all soil or drainage conditions which the Contractor considers detrimental to the growth of the plant material.
- GUARANTEE OF PLANT MATERIALS AND GROWTH** : All plants and trees shall be guaranteed by the Contractor to be in vigorous growing condition. Provision shall be made for a growth guarantee of at least one year for trees, and a minimum of one growing season for shrubs. Replacements shall be made at the beginning of the first succeeding planting season.
- All plant substitutions are to be verified with the Municipal Engineer (or similar agent as applicable) prior to purchase and installation.
- All trees over six feet in height are to be staked at time of installation. All street trees (as applicable) shall be located minimum of four (4) feet from the sidewalk in the front lawn area, and shall be spaced an average of fifty (50) feet apart unless indicated otherwise in this plan set.
- All landscape areas, either newly created or in existing areas that require repair shall be provided with a 4" thick minimum topsoil layer if none less than 4" are present and shall be temporarily seeding during construction at the rates and applications as specified in the "Temporary Stabilization Specs" notation of the Soil Erosion and Sediment Control Details within this plan set. If lawns are to be provided, seed at the rates and applications as specified in the "Permanent Stabilization Specs" notation of the Soil Erosion and Sediment Control Details within this plan set.
- All side slopes and bottoms of intermittent water-containing structures (such as grassed waterways or detention basins, if applicable) shall be provided with 6" thick minimum topsoil layers and shall be seeding at the rates and applications as specified in the "Intermittent Waterways - Permanent Seeding Specs" notation of the Soil Erosion and Sediment Control Details within this plan set.
- The Contractor shall lime, fertilize and mulch all landscape areas at the rate specified by the Soil Erosion and Sediment Control Permanent Stabilization notes within this plan set.
- It is the Contractor's responsibility to determine soil acidity levels of the underlying soils of the new lawn areas. A PH level of 4 or less will require a new 12" minimum layer of soil with a PH of 5 or greater before the topsoil is applied. The acidic underlying soil shall either be ameliorated by scarifying 12" of the soil and adding limestone until the soil is no longer acidic or a new layer will be applied on top, which ever is most applicable.
- No soil shall be placed atop the planting rootball and the root collar must be exposed. Wire baskets and the top 1/3 of jute burlap are to be removed prior to backfilling the planting pit. Any material other than jute burlap must be removed completely. The sub-soil should not be disturbed directly under the root ball platform.
- The Contractor shall fertilize all landscaping plant material with 5-10-5 fertilizer, or approved equal, at the rate specified by the manufacturer.
- All tree pits, plant beds and ground cover areas shall be mulched to a 3-inch depth (after settlement) with shredded hardwood mulch. Shredded hardwood mulch with maximum of one (1) inch of mulch shall be placed within twelve (12) inches of tree trunks. The mulch should not come in contact with the trunk or the root collar. The mulch shall have no leaves, weeds, branches, shavings, twigs over 1/2" diameter, or foreign material such as stones, etc.
- All water applied to planted or lawn areas shall be free from impurities harmful to vegetation and applied at a rate of five gallons of water per square yard of plant pit. All watering is the responsibility of the applicant.
- Backfill material for raised plant beds shall consist of natural loam topsoil, free from subsoil, and shall be obtained from an area which has never been stripped. Topsoil shall have been removed from a depth of no more than 1 foot, or less if subsoil is encountered. Topsoil shall be of uniform quality, free from hard clods, stiff clay hard pan, sods, partially disintegrated stone, lime cement, tar residues, chips or any other undesirable material.
- All proposed trees (as applicable) should be provided with anchoring and stakes. Anchoring must be cord made of strong, soft fabric material (NO WIRE). All anchoring and stakes must be removed after one (1) year.
- Areas disturbed by landscape operations shall be graded to match existing. Topsoil and seed as required.
- Provide Tree protection fencing as specified in the Soil Erosion and Sediment Control Details within this plan set.
- Plant material shown in a mass or touching each other shall be allowed to grow together to perform as a screen or hedge. DO NOT PRUNE OR SHEAR INTO INDIVIDUAL FREE-STANDING PLANTS OR TREES!!!
- FALL HAZARD NOTES**: All plant materials that are known or suspected to have a Fall Planting Hazard shall be dug, transplanted and installed during the Spring Planting season only! The following plant species are known to have a Fall Planting Hazard:

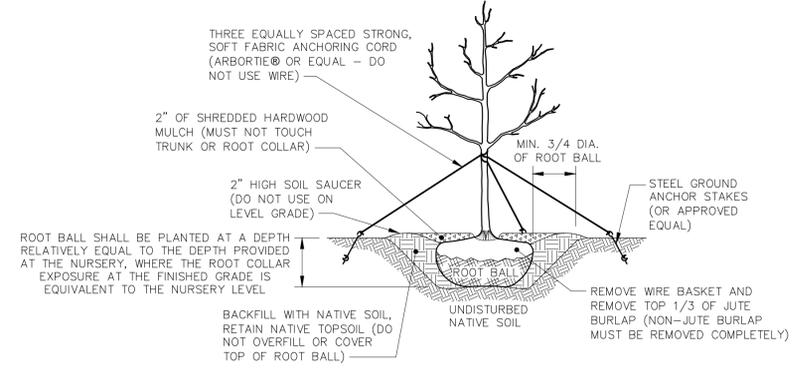
Acer rubrum & vars.	Platanus acerifolia
Betula varieties	Prunus - all stone fruits
Cornus varieties	Pyrus - all pears
Quercus - all oaks	Salix - weeping varieties
Crotaegus varieties	Styrax japonica
Koeleruteria	Tilia tomentosa
Liquidambar styraciflua	Tilia tomentosa
Liriodendron tulipifera	Zelkova varieties
Magnolia varieties	
- This drawing is to be used for Landscaping development purposes only.
- All landscaping procedures and applications as indicated in this plan set shall be performed in strict compliance with the Standards for Soil Erosion and Sediment Control in New Jersey.



SHRUB PLANTING DETAIL NTS



EVERGREEN TREE PLANTING DETAIL NTS



DECIDUOUS TREE PLANTING DETAIL NTS

PLANT LIST

SYM.	QUAN.	BOTANICAL NAME	COMMON NAME	PLANTING SIZE	REMARKS	MATURE SIZE
SHADE TREES						
AR	7	Acer rubrum 'JFS-KW78'	Armstrong Gold Maple Tree	2.5' Cal.	B&B	40' Tall X 12' Wide
PC	7	Pyrus Calleryana 'Capital'	Capital Pear Tree	2.5' Cal.	B&B	25-35' Tall X 8-12' Wide
EVERGREEN TREE						
TC	100	Thuja occidentalis 'Emerald Green'	Emerald Green Arborvitae	6' Tall	B&B	10-15' Tall X 3-4' Wide
SHRUBS						
BW	51	Buxus microphylla japonica 'Winter Gem'	Winter Gem Boxwood	24" High	B&B	5' Tall X 3-4' Wide
IG	55	Ilex glabra 'Compacta'	Compact Inkberry	36" High	B&B	4' Tall X 4' Wide
LM	132	Liriodendron muscari	Big Blue Lilyturf	12" High	#1 Cont.	18-24" Tall X 18-24" Wide
TD	35	Taxus cuspidata 'densiformis'	Dense Japanese Yew	36" High	B&B	3-4' Tall X 4-6' Wide

LANDSCAPING NOTE:
ARBORVITAE MAY BE SUBSTITUTED AT A 3:1 RATIO FOR PROPOSED TREES TO ENHANCE VISUAL SCREENING AROUND THE BACK PARKING AREA, AT THE DIRECTION OF THE BOARD PLANNER DURING CONSTRUCTION

4	REVISED PLAN PER BOARD ENGINEER'S LETTER DATED 02/07/23	02/08/24	RVB
3	REVISED PLAN PER BOROUGH PLANNER'S LETTER DATED 12/13/23	01/28/24	DSA
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REV.	DESCRIPTION	DATE	BY

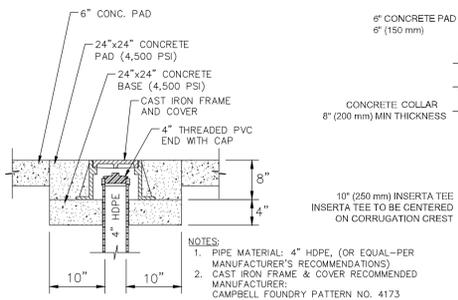
LANDSCAPING PLAN & DETAILS

GRAPHIC SCALE 1" = 20'

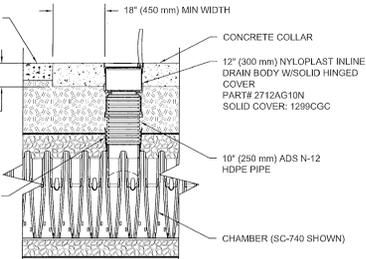
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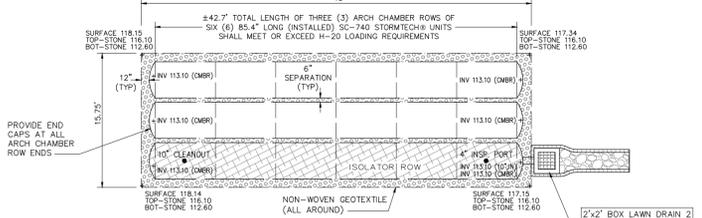
SITE PLAN PREPARED FOR:
MIXED USE
 LOTS 15-17, 18.05, 40.02 & 44 IN BLOCK 118
 20 HIGHLAND AVENUE
 SITUATED IN:
 BOROUGH OF METUCHEN
 MIDDLESEX COUNTY, NEW JERSEY
 CAD: 46-65 DATE: 10/18/23 SCALE: 1" = 20'
 FILE: 046.0065 DRAWN: DSA SHEET 4 OF 7
 LESLIE A. WALKER III, PE DATE
 PROFESSIONAL ENGINEER
 NEW JERSEY LICENSE NUMBER: 24GE04729700



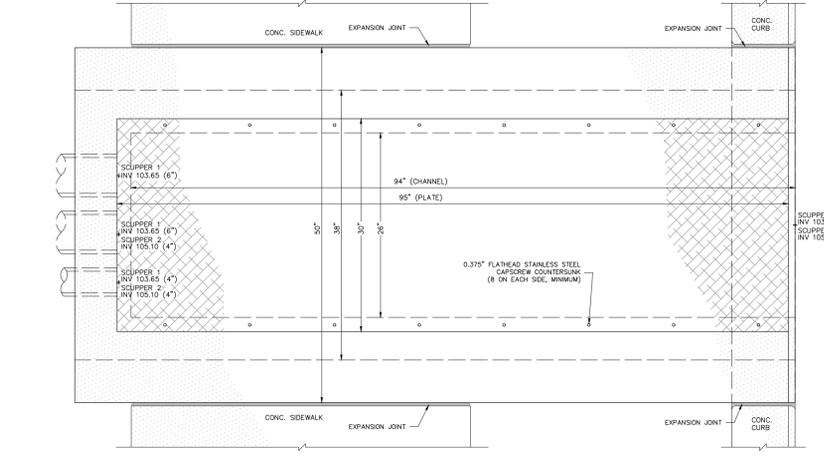
**ISOLATOR ROW
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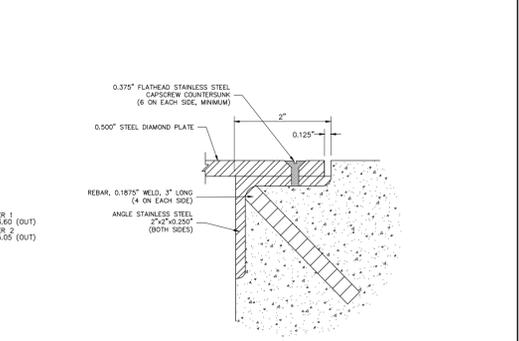
**ISOLATOR ROW
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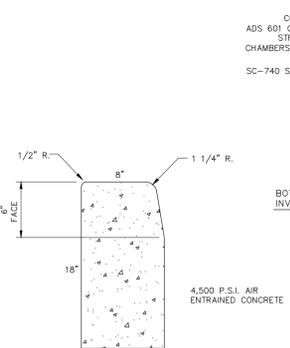
DRYWELL PLAN VIEW
SCALE: 1" = 10"



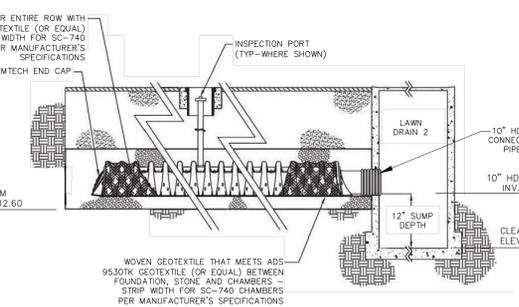
SIDEWALK SCUPPER DETAIL
SCALE: 1" = 1"



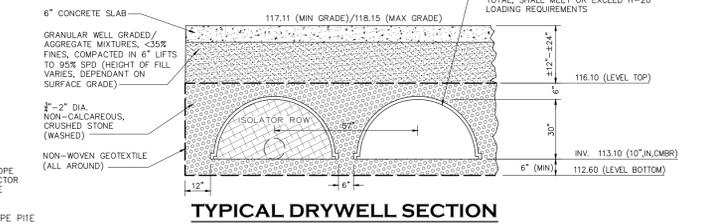
DETAIL OF PLATE MOUNT



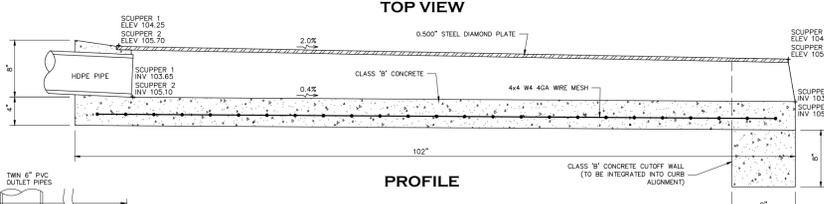
TYPICAL 9\"/>



ISOLATOR ROW DETAIL
NTS

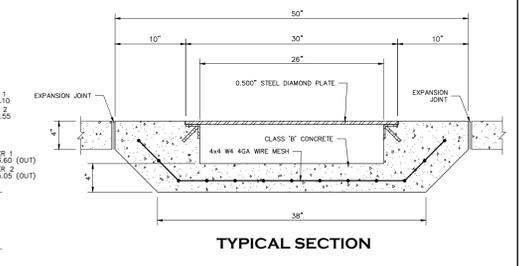


TYPICAL DRYWELL SECTION
NTS

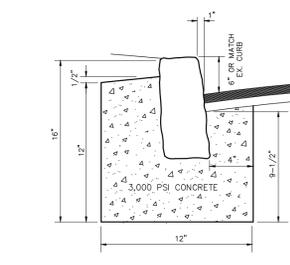


TOP VIEW

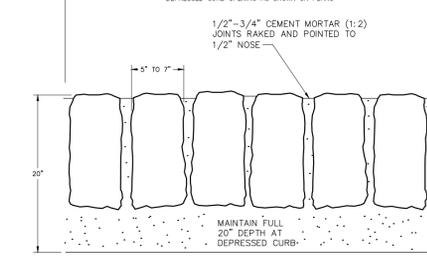
PROFILE



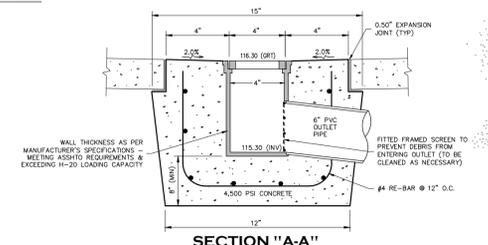
TYPICAL SECTION



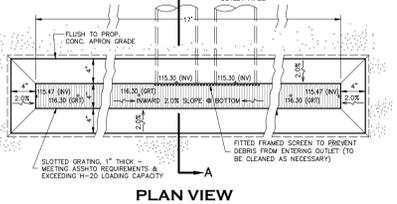
BELGIAN BLOCK CURB DETAIL
NOT TO SCALE



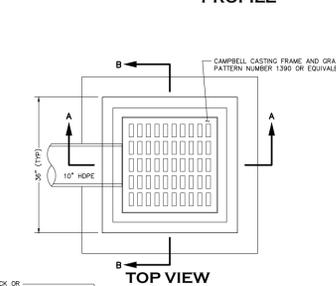
BELGIAN BLOCK DEPRESSED CURB DETAIL
NOT TO SCALE



SECTION \"/>

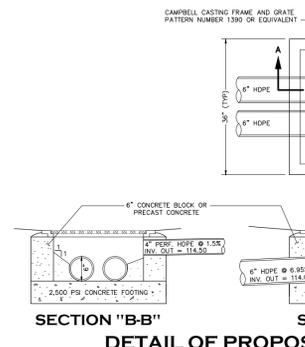


TRENCH DRAIN DETAIL
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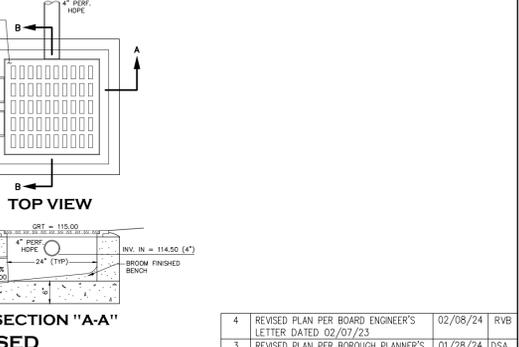


PLAN VIEW

TOP VIEW

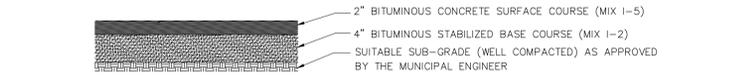


SECTION \"/>

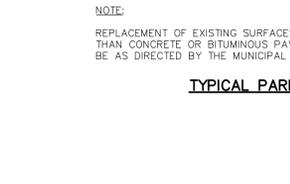


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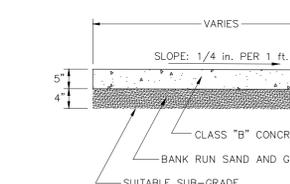
**DETAIL OF PROPOSED
LAWN DRAIN 1**
NTS



TYPICAL PARKING AREA PAVEMENT DETAIL
NOT TO SCALE

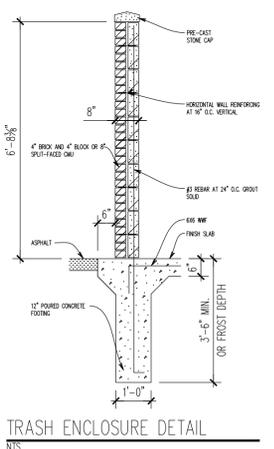


TYPICAL SIDEWALK DETAIL
NTS

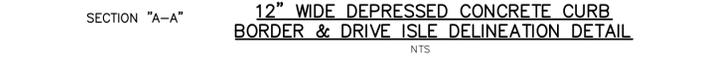


**TYPICAL SECTION OF PROPOSED
6\"/>**

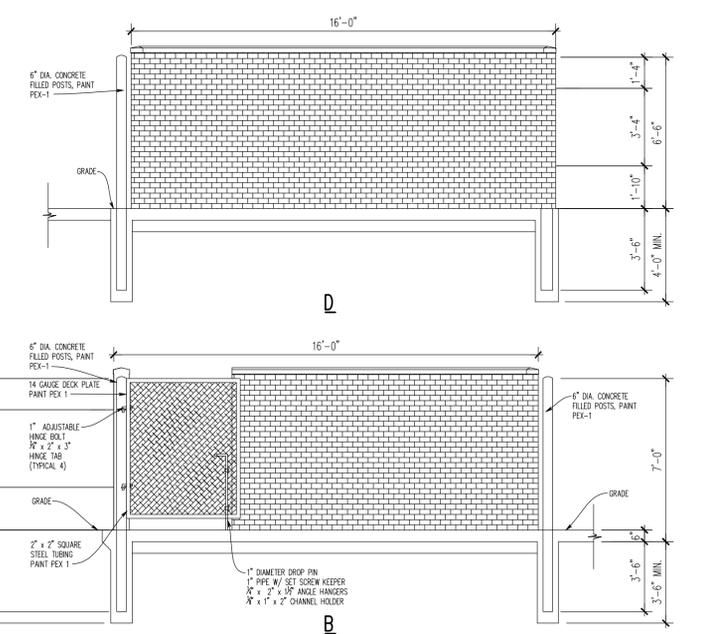
(AT TRASH ENCLOSURE AREA, PARKING AREA AND DRIVEWAY APRON)



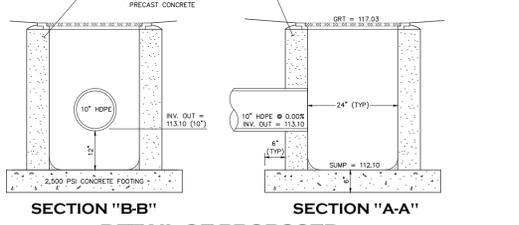
TRASH ENCLOSURE DETAIL
NTS



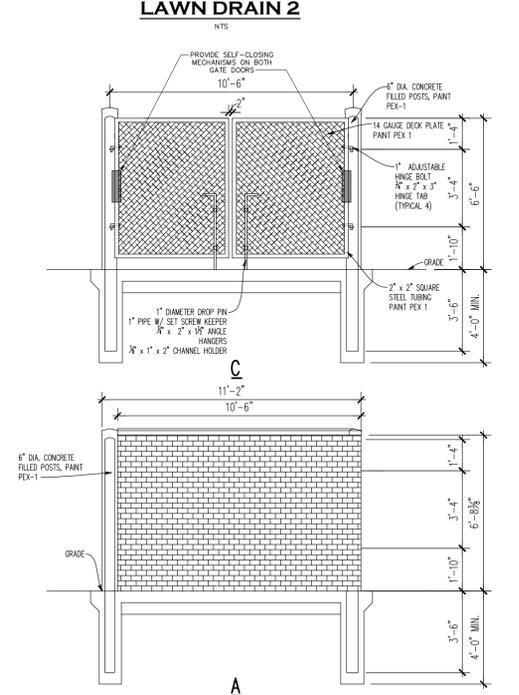
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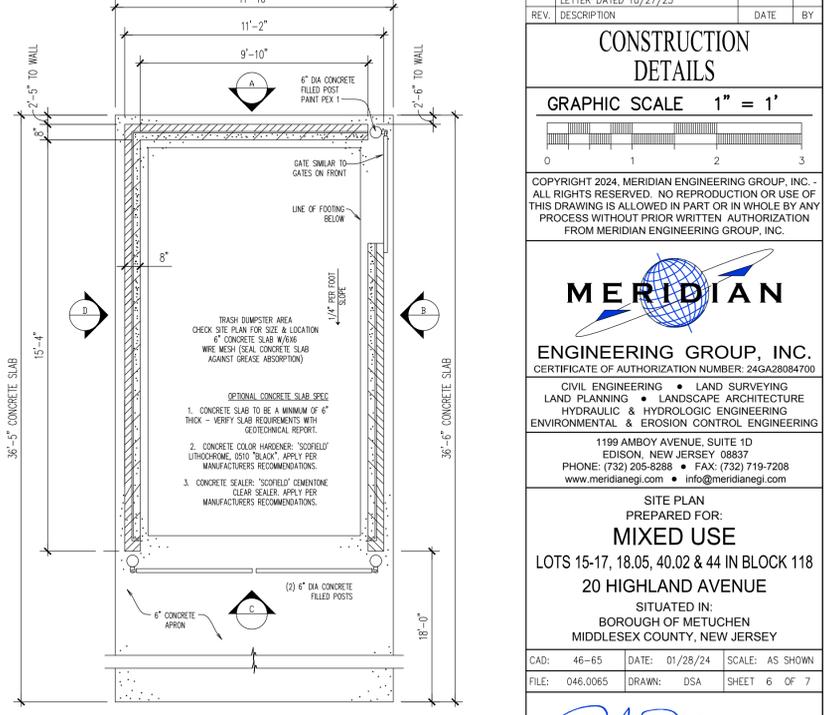
TRASH ENCLOSURE ELEVATIONS
NTS



SECTION \"/>



**DETAIL OF PROPOSED
LAWN DRAIN 2**
NTS



TRASH ENCLOSURE PLAN
NTS

REV.	DESCRIPTION	DATE	BY
4	REVISED PLAN PER BOARD ENGINEER'S LETTER DATED 02/07/23	02/08/24	RVB
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**CONSTRUCTION
DETAILS**



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CAD: 46-65 DATE: 01/28/24 SCALE: AS SHOWN
 FILE: 046.0065 DRAWN: DSA SHEET 6 OF 7

LESLIE A. WALKER III, PE DATE
 PROFESSIONAL ENGINEER
 NEW JERSEY LICENSE NUMBER: 24GE04729700

