

# FINAL SITE PLAN

## FOR

# RPM DEVELOPMENT, LLC

# PROPOSED RESIDENTIAL DEVELOPMENT

BLOCK 2001, LOT 2.02; TAX MAP SHEETS #20 & 20.01- LATEST REV. DATED 1-1-2001  
 2495 BRUNSWICK PIKE (A.K.A. ALT. ROUTE 1)

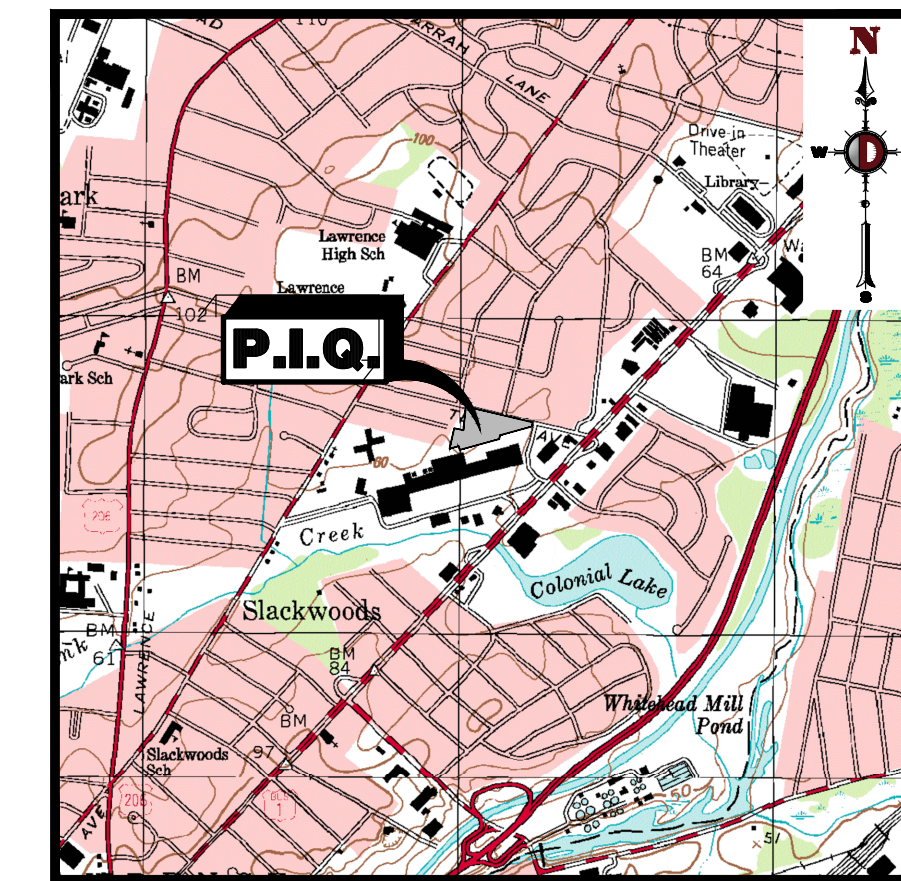
TOWNSHIP OF LAWRENCE  
 MERCER COUNTY, NEW JERSEY

### 200' PROPERTY OWNERS LIST

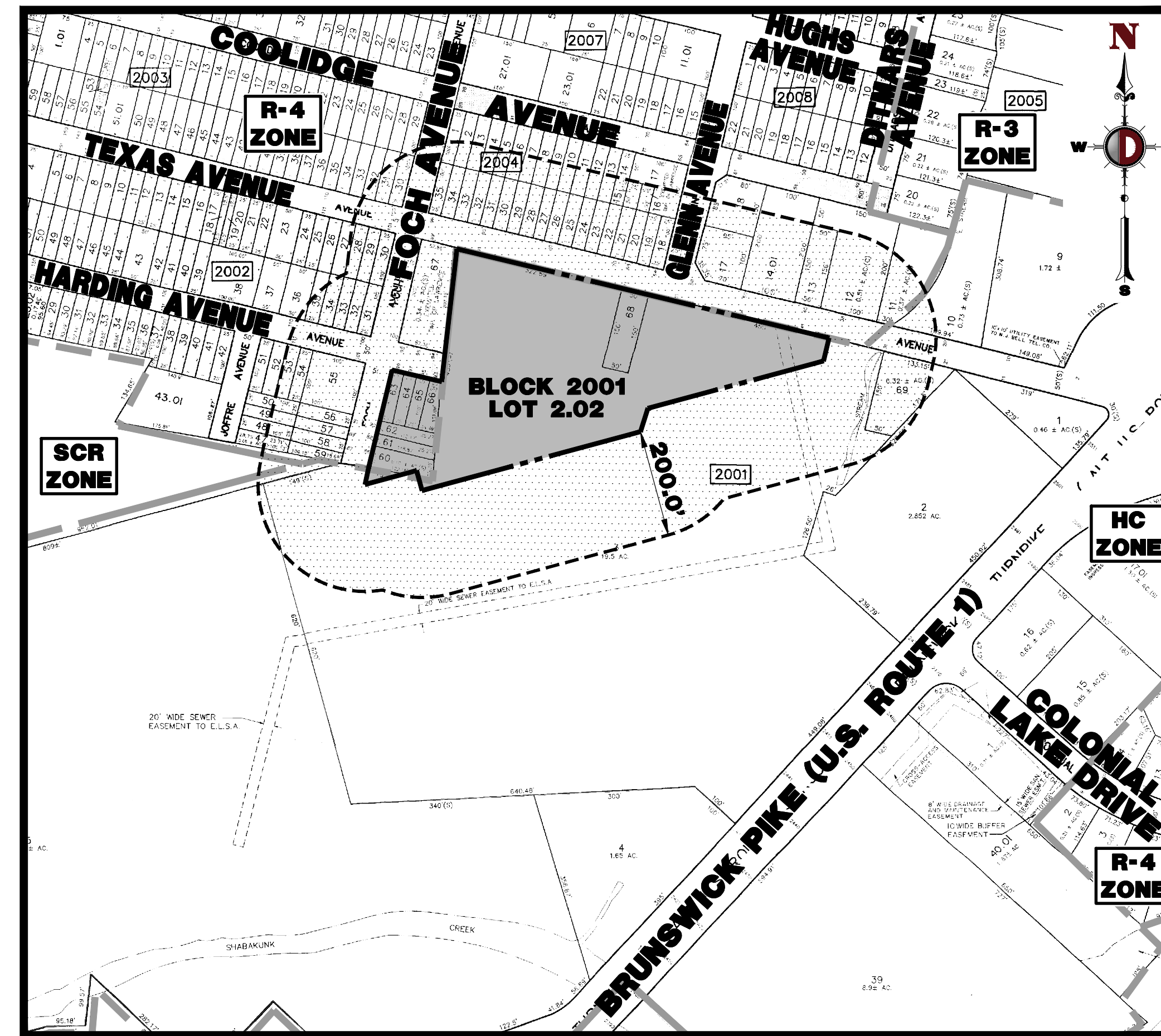
PROPERTY OWNER	BLOCK	LOT	PROPERTY OWNER	BLOCK	LOT
NI CONFERENCE CENTER-DAY ADVENTIST 2303 BRUNSWICK AVE LAWRENCEVILLE, NJ 08648	1502	1	DARZINSKI, BENJAMIN & WIESLAWA 109 TEXAS AVE LAWRENCEVILLE, NJ 08648	2002	27
TOWNSHIP OF LAWRENCE 2202 LAWRENCEVILLE RD. LAWRENCEVILLE, NJ 08648	1502 1506 2001	2 28-27 10, 67	HAMILTON, ANNE TRUDHART 101 TEXAS AVE LAWRENCEVILLE, NJ 08648	2002	28-33
ORANTES, CECILIO J & ELODIA C 826 PRESIDENT AVE LAWRENCEVILLE, NJ 08648	1506	21	THE HARDING AVE PRINTER C/O M WANN PO BOX 5271 TRENTON, NJ 08638-0271	2002	34, 35
FELERS, CARY LEE 836 PRESIDENT AVE LAWRENCEVILLE, NJ 08648	1506	22-24	TRUSZKOWSKI, LECH & EWA 11 MILLBORO LANE LAWRENCEVILLE, NJ 08648	2002	36
CAULI, JOVITS 871 LAKE DR LAWRENCEVILLE, NJ 08648	1506	28-32	WALEKO, STEPHEN JR. & SHERRY 101 COOLIDGE AVENUE LAWRENCEVILLE, NJ 08648	2003	28, 29
BORNER, CHARLES & DEBORAH 807 LAKE DR LAWRENCEVILLE, NJ 08648	1506	33	BLOOM, TOMME & HAZEL 100 TEXAS AVE LAWRENCEVILLE, NJ 08648	2003	30, 31
HOEN, CANEIDA 2247 PRINCETON PK LAWRENCEVILLE, NJ 08648	1802	22	SWARAMAKORTHY, T & GRITHARI 110 TEXAS AVE LAWRENCEVILLE, NJ 08648	2003	32,01
CIOCHINO, FEDERICO I & BUCHANAN, BETH 51 DEVON AVE LAWRENCEVILLE, NJ 08648	1803	23	THOMAS, CLYDE S UX 94 TEXAS AVE LAWRENCEVILLE, NJ 08648	2001	1-4, 32
SEABRIDGE, DEBRA 13 VALTIER LANE LAWRENCEVILLE, NJ 08648	1803	24	WAY, SUZANNE 69 COOLIDGE AVE LAWRENCEVILLE, NJ 08648	2004	5-8
AUGUSTYNIAK, GRZEGORZ & ROSZKOWSKI, G. 131 SRAF AVENUE LAWRENCEVILLE, NJ 08648	1803	25	KUBIALA, DONALD J & JOAN E 8 RANDI WAY TRENTON, NJ 08619	2004	9-14,
JOHNSON, MAUREN 2269 PRINCETON PK LAWRENCEVILLE, NJ 08648	1803	26	ERKOBON, RICHARD JR & MINDY 69 TEXAS AVE LAWRENCEVILLE, NJ 08648	2004	15-21
GROVER, JANET E 2269 PRINCETON PK LAWRENCEVILLE, NJ 08648	1803	27	SURJA, MAMTA & FNU CHAMAN LAL 80 TEXAS AVE LAWRENCEVILLE, NJ 08648	2004	28-31
LOPES, GIBSON W WVA 2261 PRINCETON PIKE LAWRENCEVILLE, NJ 08648	1803	28	PUBLIC SERVICE E&G PROPERTY TAXES 80 PARK PLAZA, 2ND FLOOR NEWARK, NJ 07102-4194	2005	9
LEMON, JOHN T UX 2 JOHN PL LAWRENCEVILLE, NJ 08648	1803	29	JHAKI-HP, LLC 8 WELLESLEY COURT PRINCETON JUNCTION, NJ 08550	2005	10
LUKOL, NORTH AMERICAN LLC 506 5TH AVE #700 NEW YORK, NY 10017	2001	1	CRUZ, ROSA MARIA 36 TEXAS ROAD LAWRENCEVILLE, NJ 08648	2005	11, 12
PLUMBER, WALLACE R ALS PO BOX 5033 TRENTON, NJ 08638	2001	6	RS4 OIL CORP PO BOX 5312 TRENTON, NJ 08638	2005	13
SHARPOV, ILLMAS & MASROVA, DILNOZA 2250 PRINCETON PIKE LAWRENCEVILLE, NJ 08648	2001	7	COMMUNITY OPTIONS PROPERTIES INC 16 FARMER ROAD PRINCETON, NJ 08540	2005	14,01
POLISH NAT CATH CHUR C/O M KONIAK 100 ELTON AVE TRENTON, NJ 08620	2001	11	JOHNSON, JOSEPH & YVONNE 56 TEXAS AVE LAWRENCEVILLE, NJ 08648	2005	17
ERDE, JULIUS MICHAEL JR 29 FAIRFIELD AVE LAWRENCEVILLE, NJ 08648	2001	13	ARROLA, ESTUARDO & LILLIAN 1145 GLEN AVE LAWRENCEVILLE, NJ 08648	2005	18
ERDE, J M JR C/O HOLLYWOOD GARAGE 29 FAIRFIELD AVE LAWRENCEVILLE, NJ 08648	2001	14	ERDE, J M JR C/O HOLLYWOOD GARAGE 29 FAIRFIELD AVE LAWRENCEVILLE, NJ 08648	2101	1, 40,01
ZALC, SALLY L 2330 PRINCETON PK LAWRENCEVILLE, NJ 08648	2001	15	SHIET ASSOCIATES INC 2420 BRUNSWICK PIKE LAWRENCEVILLE, NJ 08648	2101	39
THAT'S A LOVELY ACCENT YOU HAVE URB 215 S LACONDA BLVD #203 BEVERLY HILLS, CA 90211	2001	17	GLICK, RONALD UX C/O HOWCO MGT. 7 GORSON AVE LAWRENCEVILLE, NJ 08648-1088	2102	1
KOMAL, TAGEUSI 45 JEFFRE AVE LAWRENCEVILLE, NJ 08648	2001	43,01	JOANEM, JOLITHA 2310 BRUNSWICK AVE LAWRENCEVILLE, NJ 08648	2102	2, 3
SHARMA, KULBHUSHAN 88 JEFFRE AVE LAWRENCEVILLE, NJ 08648	2001	47-50,	PIETRINE PROPERTIES, LLC 2304 BRUNSWICK AVE LAWRENCEVILLE, NJ 08648	2102	4
BURKE, TIMOTHY B & BRENDA S 1 JEFFRE AVE LAWRENCEVILLE, NJ 08648	2001	51-54	2480 BRUNSWICK, LLC 6555 ET HAMILTON PARKWAY BROOKLYN, NY 11219	2201	16
COOPER, STELLA 101 HARDING AVE LAWRENCEVILLE, NJ 08648	2001	55	NAGARAL, CHAM V ATTN: USA A ZOLNA 1650 MARKET ST, STE 1800 PHILA, PA 19103-5265	2201	17,01
FRANCO PROPERTIES, LLC 299 FLOCK RD MERCERVILLE, NJ 08648	2001	69	2500 BRUNSWICK, LLC 195 NASSAU ST PRINCETON, NJ 08542	2201	17,02

### ALSO TO BE MODIFIED:

CORPORATE SECRETARY EWING-LAWRENCE SEWERAGE AUTHORITY 600 WHITEHEAD ROAD LAWRENCEVILLE, NJ 08648
CORPORATE SECRETARY PUBLIC SERVICE ELECTRIC & GAS COMPANY 80 PARK PLAZA, 4th NEWARK, NJ 07101
N.J. AMERICAN WATER 1025 LAUREL OAK ROAD WOODRUFF, NJ 08045
ELIZABETHTOWN GAS COMPANY ONE ELIZABETHTOWN PLAZA THIRD FLOOR EAST UNION, NJ 07083-1975
CORPORATE SECRETARY TRENTON WATER WORKS PO BOX 528 TRENTON, NJ 08604
CORPORATE SECRETARY VERDON 540 BROAD STREET NEWARK, NJ 07101
AQUA WATER COMPANY 28757 EMAL ROAD EPHRA, NJ 08601
ATIN, JAMES SPERATO
GENERAL MANAGER COMCAST CABLEVISION 540 PROSPECT STREET TRENTON, NJ 08619
RON CORPORATION 105 CARNEGIE CENTER PRINCETON, NJ 08540
CORPORATE SECRETARY AT&T 1 AZAT WAY BEDMINSTER, NJ 07921
MERCER COUNTY PLANNING BOARD 540 SOUTH BROAD STREET 28th FLOOR PHILADELPHIA, PA 19103-1699
CORPORATE SECRETARY JESSEY COOKING, POWER & LIGHT 300 MADISON AVENUE MORRISTOWN, NJ 07960
SUN PIPE LINE L.P. ATTN: R-C-W DEPARTMENT 1921 MARKET STREET 28th FLOOR PHILADELPHIA, PA 19103-1699
CORPORATE SECRETARY TRANSCONTINENTAL GAS PIPE LINE CORPORATION 2000 POST OAK BOULEVARD HOUSTON, TX 77056
SUNOCO PIPE LINE L.P. RIGHT-OF-WAY DEPARTMENT MANVILLE COMPLEX 525 FRITZTOWN ROAD SINKING SPRING, PA 19608
COMMISSIONER N.J. DEPARTMENT OF TRANSPORTATION 1035 PARKWAY AVENUE CN 600 TRENTON, NJ 08625



KEY MAP  
 1" = 2000'



AREA MAP  
 1" = 200'

### DRAWING INDEX

COVER SHEET	1 of 24
AERIAL MAP	2 of 24
GENERAL NOTES	3 of 24
DEMOLITION PLAN	4 of 24
SITE PLAN	5 of 24
GRADING PLAN	6 of 24
DRAINAGE PLAN	7 of 24
UTILITY PLAN	8 of 24
STORM SEWER PROFILES	9 of 24
STORM SEWER PROFILES	10 of 24
LANDSCAPE PLAN	11 of 24
LIGHTING PLAN	12 of 24
CONSTRUCTION DETAILS	13 of 24
CONSTRUCTION DETAILS	14 of 24
CONSTRUCTION DETAILS	15 of 24
CONSTRUCTION DETAILS	16 of 24
CONSTRUCTION DETAILS	17 of 24
CONSTRUCTION DETAILS	18 of 24
VEHICLE CIRCULATION PLAN (SU-30)	19 of 24
VEHICLE CIRCULATION PLAN (FIRE TRUCK)	20 of 24
VEHICLE CIRCULATION PLAN (FIRE TRUCK)	21 of 24
VEHICLE CIRCULATION PLAN A (WB-67)	22 of 24
VEHICLE CIRCULATION PLAN B (WB-67)	23 of 24
VEHICLE CIRCULATION PLAN C (WB-67)	24 of 24

Plotted: 12/09/22 - 2:25 PM, By: gowdrick, Product: Ver: 24.1s (LMS Tech)  
 File: P:\aepc\_projects\1279\_rpm\_development\_group\39-010\_lawrence\Site\Plan\127999010SK3.dwg, Sheet: COVER SHEET

### ZONING BOARD OF ADJUSTMENT APPROVAL

APPROVED AT THE ZONING BOARD OF ADJUSTMENT OF THE TOWNSHIP OF LAWRENCE, MERCER COUNTY, NEW JERSEY

CHAIRMAN	DATE
SECRETARY	DATE
BOARD ENGINEER	DATE

PREPARED BY  
**DYNAMIC ENGINEERING CONSULTANTS, P.C.**  
 1904 MAIN STREET  
 LAKE COMO, NJ 07719  
 WWW.DYNAMICCEC.COM

THIS PLAN SET IS FOR PERMITTING PURPOSES ONLY AND MAY NOT BE USED FOR CONSTRUCTION

## DYNAMIC ENGINEERING

LAND DEVELOPMENT CONSULTING • PERMITTING • GEOTECHNICAL • ENVIRONMENTAL • SURVEY • PLANNING & ZONING

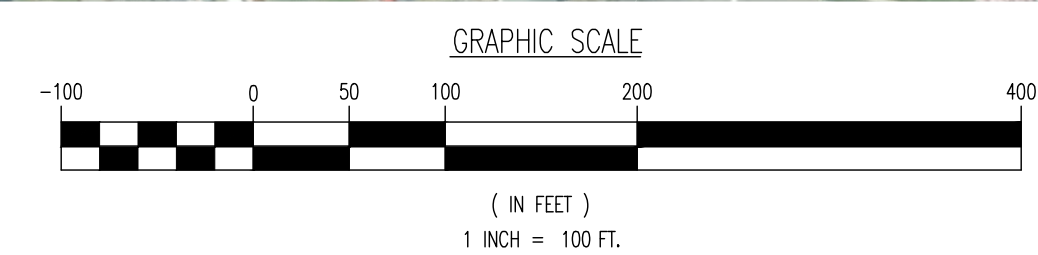
1904 Main Street  
Lake Como, NJ 07719  
T: 732.974.0198  
F: 732.974.3521  
www.dynamiccec.com

Lake Como, New Jersey 1: 732.974.0198 | Chester, New Jersey 1: 908.879.9229 | Newark, New Jersey 1: 973.253.7200 | Toms River, New Jersey 1: 732.974.0198  
Allen, Texas 1: 972.344.2100 | Austin, Texas 1: 512.444.2444 | Houston, Texas 1: 281.789.4400  
Newtown, Pennsylvania 1: 202.665.0274 | Dallas, Texas 1: 941.921.8570

TITLE:		COVER SHEET	
PROJECT:	RPM DEVELOPMENT, LLC PROPOSED RESIDENTIAL DEVELOPMENT BLOCK 2001, LOT 2.02 2495 BRUNSWICK PIKE (A.K.A. ALT ROUTE 1) TOWNSHIP OF LAWRENCE, MERCER COUNTY, NEW JERSEY	JOB No:	1279-99-010
DATE:	04/15/2020	DRAWN BY:	GMC
DESIGNED BY:	LPG	CHECKED BY:	TJM
CHECKED BY:	-	SCALE:	(H) AS SHOWN (V) SHOWN
CHECKED BY:	-	SHEET No:	1
PROFESSIONAL ENGINEER NEW JERSEY LICENSE No. 41975	PROFESSIONAL ENGINEER NEW JERSEY LICENSE No. 52179	SCALE:	1 OF 24

FOR STATE OFFICE DIRECT PHONE NUMBERS VISIT: WWW.CALL811.COM

Plotted: 12/12/22 - 10:36 AM, By: geowdick, Product: Ver. 24.1s (LMS Tech) File: \\spsc.local\desfolders\Data\DEPC PROJECTS\1279 RPM Development Group\09-010 Lawrence\DWG\Site Plans\0127998010SA3.dwg. ---> AERIAL MAP



THE AERIAL IMAGE DEPICTED ON THIS PLAN IS BASED UPON AERIAL PHOTOGRAPHY OF THE STATE OF NEW JERSEY CAPTURED BETWEEN MARCH AND MAY, 2015. THE NEW JERSEY 2015 HIGH RESOLUTION ORTHOPHOTOGRAPHY PROJECT WAS FURNISHED BY THE NJ OFFICE OF INFORMATION TECHNOLOGY. THE CONDITIONS OF THE SITE AND SURROUNDING AREAS MAY HAVE CHANGED SINCE THE DATE OF AERIAL PHOTOGRAPHY AND THEREFORE THIS PLAN MAY NOT ACCURATELY REFLECT ALL CURRENT EXISTING CONDITIONS.

THIS PLAN SET IS FOR PERMITTING PURPOSES ONLY AND MAY NOT BE USED FOR CONSTRUCTION

**DYNAMIC ENGINEERING**  
 LAND DEVELOPMENT CONSULTING • PERMITTING • GEOTECHNICAL • ENVIRONMENTAL • SURVEY • PLANNING & ZONING

1994 Main Street  
 Lake Como, NJ 07719  
 T: 732.974.0198  
 F: 732.974.3521  
 www.dynamicoc.com

Local Office: 1279 RPM Development Group  
 Lake Como, New Jersey T: 732.974.0198 | Chester, New Jersey T: 908.879.9229 | Newark, New Jersey T: 973.253.2200 | Tom's River, New Jersey T: 732.974.0198  
 Allen, Texas T: 973.334.2100 | Austin, Texas T: 512.444.2646 | Houston, Texas T: 281.789.6400  
 Newtown, Pennsylvania T: 484.852.0274 | Denver, Colorado T: 303.921.8570

TITLE: **AERIAL MAP**

PROJECT: **RPM DEVELOPMENT, LLC  
 PROPOSED RESIDENTIAL DEVELOPMENT**  
 BLOCK 2001, LOT 2.02  
 2495 BRUNSWICK PIKE (A.K.A. ALT ROUTE 1)  
 TOWNSHIP OF LAWRENCE, MERCER COUNTY, NEW JERSEY

JOB No: 1279-99-010 DATE: 04/15/2020  
 DRAWN BY: GMC SCALE: (H) 1"=100'  
 DESIGNED BY: LPG (V)  
 CHECKED BY: TJM SHEET No:  
 BY: -

**JOHN A. PALUS** **THOMAS J. MULLER**  
 PROFESSIONAL ENGINEER PROFESSIONAL ENGINEER  
 NEW JERSEY LICENSE No. 41975 NEW JERSEY LICENSE No. 52179

**811** PROTECT YOURSELF  
 ALL UTILITIES REQUIRE NOTIFICATION OF  
 EXISTING UTILITIES OR NEW UTILITIES  
 BEFORE ANY EXCAVATION OR OTHER  
 WORKING IS DONE ON THE SITE'S  
 SURFACE AREAS. CALL 811.  
 FOR STATE-SPONSORED DIRECT PHONE NUMBERS VISIT:  
 WWW.CALL811.COM

Rev. # 3

GENERAL NOTES

- 1. THIS PLAN HAS BEEN PREPARED BASED ON REFERENCES INCLUDING: BOUNDARY & PARTIAL TOPOGRAPHIC SURVEY PREPARED BY DYNAMIC SURVEY, LLC... 2. APPLICANT: RPM DEVELOPMENT... 3. OWNER: LAWRENCE SHOPPING CENTER ASSOCIATION... 4. PARCEL DATA: BLOCK 2001, LOT 2.02... 5. ZONE: ZONE HC (HIGHWAY COMMERCIAL ZONE)... 6. EXISTING USE: OFFICES (PERMITTED USE) (S 420B.10)... 7. PROPOSED USE: OFFICES (PERMITTED USE) (S 420B.10)... 8. SCHEDULE OF ZONING REQUIREMENTS (S 407.D & 420.L(1))

Table with 5 columns: ZONE REQUIREMENT, ZONE HC, R-4 ZONE, EXISTING LOT 2.02, LOT 2.02. Rows include MINIMUM LOT AREA, MINIMUM LOT FRONTAGE, MINIMUM LOT WIDTH, MINIMUM LOT DEPTH, MINIMUM FRONT YARD SETBACK, MINIMUM SIDE YARD SETBACK, MINIMUM REAR YARD SETBACK, MAXIMUM FLOOR AREA RATIO, MAXIMUM IMPERVIOUS SURFACE RATIO, MAXIMUM BUILDING HEIGHT, MINIMUM SIDE YARD SETBACK (ACCESSORY BUILDING), MINIMUM REAR YARD SETBACK (ACCESSORY BUILDING), MINIMUM DISTANCE TO OTHER BUILDING (ACCESSORY BUILDING), MINIMUM DISTANCE TO OTHER BUILDING (ACCESSORY BUILDING), MAXIMUM HEIGHT (ACCESSORY BUILDING), MINIMUM USABLE YARD AREA.

- [1] LOT DEPTH: THE SHORTEST HORIZONTAL DISTANCE BETWEEN THE FRONT LOT LINE AND A LINE DRAIN PARALLEL TO THE FRONT LOT LINE THROUGH THE MIDPOINT OF THE REAR LOT LINE... [2] ANY REQUIRED YARD OR REQUIRED SETBACK SHALL BE MEASURED FROM THE CLOSEST EDGE OF ANY BUFFER... [3] WHEN THE SEPARATION AREA IS USED FOR PARKING OR VEHICULAR CIRCULATION... [4] WHEN THE SEPARATION AREA IS USED FOR PARKING OR VEHICULAR CIRCULATION... [5] NO ACCESSORY BUILDING SHALL BE PERMITTED IN THIS YARD... [6] 0.25 FOR LOTS LESS THAN 5 ACRES, 0.30 FOR LOTS 5 ACRES OR LARGER... [7] 0.70 FOR LOTS LESS THAN 5 ACRES, 0.75 FOR LOTS 5 ACRES OR LARGER

- 9. PARKING REQUIREMENTS: A. THE MINIMUM WIDTH OF LANDSCAPE ISLANDS SHALL BE EIGHT (8) FEET... B. LANDSCAPE ISLANDS SHALL BE PLANTED WITH A COMBINATION OF DECIDUOUS TREES, EVERGREEN AND DECIDUOUS SHRUBS... C. PARKING AND LOADING AREAS SHALL BE SCREENED BY A COMBINATION OF BERRIES, HEDGES, FENCES OR WALLS... D. NO MORE THAN TWENTY (20) PARKING SPACES SHALL BE PLACED IN ONE ROW OF PARKING WITHOUT AN INTERVENING LANDSCAPE ISLAND... E. ALL REQUIRED OFF-STREET PARKING AND LOADING FACILITIES SHALL BE LOCATED ON THE SAME LOT OR PREMISES AS THE USE SERVED... F. FOR RESIDENTIAL DEVELOPMENTS, OFF-STREET PARKING SHALL BE PROVIDED AS REQUIRED IN NJAC 5:27-1.1... G. FOR RESIDENTIAL, LESS PARKING SPACES SHALL BE NINE (9) FEET BY EIGHT (8) FEET... H. PARKING LOTS SHALL BE SET BACK FROM ALL LOT LINES A MINIMUM OF 25 FEET UNLESS A LARGER SETBACK IS REQUIRED... I. PARKING SHALL NOT BE LOCATED IN ANY REQUIRED LANDSCAPE BUFFER... J. SETBACKS SHALL BE REQUIRED FROM ANY PUBLIC STREETS AND FROM PRIVATE INTERNAL COLLECTOR ACCESS ROADS... K. WHERE PARKING AREAS OF THE REGIONAL SHOPPING MALL ABOUT PARKING AREAS ON ADJACENT PROPERTY... L. FOR HANDICAPPED PARKING, THE MINIMUM DISTANCE FROM THE BUILDING SHALL BE ONE HUNDRED (100) FEET... M. FOR RESIDENT PARKING, THE MINIMUM DISTANCE FROM THE BUILDING SHALL BE TWO HUNDRED-FIFTY (250) FEET... N. DIRECT ACCESS TO ANY STREET OR PRIVATE STREET, OR AN INTERNAL COLLECTOR DRIVE IS PROHIBITED... O. WHERE SIDEWALKS OCCUR IN PARKING AREAS, PARKED VEHICLES SHALL NOT OVERHANG OR EXTEND OVER THE SIDEWALK... P. PARKING CALCULATION (S 504.N Table 5.2): 1 BEDROOM GARDEN APARTMENT: 6 UNITS X 1.8 SPACES/UNIT = 10.8 SPACES... 27 UNITS X 2.0 SPACES/UNIT = 54.0 SPACES... 21 UNITS X 2.1 SPACES/UNIT = 44.1 SPACES... TOTAL SPACES REQUIRED: = 108.9 SPACES... TOTAL SPACES PROPOSED: = 110 SPACES

- 10. ACCESS DRIVE AND DRIVEWAY REQUIREMENTS: A. RESIDENTIAL DRIVEWAYS SHALL BE SET BACK 5 FEET FROM THE SIDE OR REAR PROPERTY LINE... B. THE MINIMUM LENGTH OF THE ACCESS DRIVE SHALL BE FIFTY (50) FEET FOR PARKING LOTS WITH FORTY (40) TO NINETY-NINE (99) TOTAL PARKING SPACES... C. ACCESS POINTS FROM THE DRIVE TO THE STREET LINE SHALL BE LIMITED TO A MAXIMUM OF TWO ALONG THE FRONTAGE OF ANY SINGLE STREET... D. THE MINIMUM WIDTH OF A LANDSCAPE BUFFER SHALL BE DEPENDING ON THE PROPOSED USE OF A PROPERTY... E. MAXIMUM TRACT SIZE: 7 ACRES... F. MAXIMUM CROSS SECTION: 10 UNITS PER ACRE... G. MAXIMUM NUMBER OF UNITS PER BUILDING: (1) WITHIN 200 FEET OF EXISTING APARTMENT OR TOWNHOUSE USE: 30 UNITS... (2) 200 FEET OR GREATER DISTANCE FROM APARTMENT OR TOWNHOUSE USE: 28 UNITS... H. MINIMUM DISTANCE BETWEEN BUILDINGS: 40 FEET... I. MINIMUM DISTANCE FROM TRACT PERIMETER: 50 FEET... J. MAXIMUM HEIGHT: (1) WITHIN 200 FEET OF EXISTING APARTMENT OR TOWNHOUSE USE: 32 FEET OR 2 STOREYS... (2) 200 FEET OR GREATER DISTANCE FROM APARTMENT OR TOWNHOUSE USE: 28 FEET OR 2 STOREYS... K. AGE-RESTRICTED APARTMENTS SHALL BE PERMITTED A COMMON ACTIVITY ROOM AND A COMMON LAUNDRY WITHIN THE CONFINES OF THE BUILDING... L. QUADROPLEXES AND TOWNHOUSES MARKETED ON A FEE-SIMPLE BASIS SHALL CONFORM TO THE LOT REQUIREMENTS OF §410.6.3 AND 5-4... M. ANY OTHER STANDARD NOT MODIFIED HEREIN SHALL APPLY

- 11. BUFFER REQUIREMENTS: A. THERE SHALL BE NO DISTURBANCE, INCLUDING BUT NOT LIMITED TO, GRADING AND THE PLACEMENT OF BUILDINGS, WITHIN 100 FEET OF THE 100-YEAR FLOOD PLAIN OF A STREAM ALONG ALL STREAM CORRIDORS OR FROM THE UPPER BANK FOR WHICH A FLOOD PLAIN LINE HAS NOT BEEN ESTABLISHED... B. THE MINIMUM WIDTH OF A LANDSCAPE BUFFER SHALL BE DEPENDING ON THE PROPOSED USE OF A PROPERTY... C. MAXIMUM TRACT SIZE: 7 ACRES... D. MAXIMUM CROSS SECTION: 10 UNITS PER ACRE... E. MAXIMUM NUMBER OF UNITS PER BUILDING: (1) WITHIN 200 FEET OF EXISTING APARTMENT OR TOWNHOUSE USE: 30 UNITS... (2) 200 FEET OR GREATER DISTANCE FROM APARTMENT OR TOWNHOUSE USE: 28 UNITS... F. MINIMUM DISTANCE BETWEEN BUILDINGS: 40 FEET... G. MINIMUM DISTANCE FROM TRACT PERIMETER: 50 FEET... H. MAXIMUM HEIGHT: (1) WITHIN 200 FEET OF EXISTING APARTMENT OR TOWNHOUSE USE: 32 FEET OR 2 STOREYS... (2) 200 FEET OR GREATER DISTANCE FROM APARTMENT OR TOWNHOUSE USE: 28 FEET OR 2 STOREYS... I. AGE-RESTRICTED APARTMENTS SHALL BE PERMITTED A COMMON ACTIVITY ROOM AND A COMMON LAUNDRY WITHIN THE CONFINES OF THE BUILDING... J. QUADROPLEXES AND TOWNHOUSES MARKETED ON A FEE-SIMPLE BASIS SHALL CONFORM TO THE LOT REQUIREMENTS OF §410.6.3 AND 5-4... K. ANY OTHER STANDARD NOT MODIFIED HEREIN SHALL APPLY

- 12. SOLID WASTE REQUIREMENTS: A. VISUAL SCREENING IS REQUIRED TO BUFFER ALL TRASH ENCLOSURES, ABOVE GROUND PROPANE TANKS AND OTHER SIMILAR STRUCTURES... B. THERE SHALL BE AT LEAST ONE TRASH AND RECYCLING PICK-UP LOCATION PROVIDED FOR EACH MULTI-FAMILY OR NON-RESIDENTIAL BUILDING... C. ALL EXTERIOR SOLID WASTE ENCLOSURES SHALL BE CONSTRUCTED OF MASONRY COMPATIBLE WITH THE ARCHITECTURAL MATERIALS... D. IF LOCATED WITHIN THE BUILDING, THE DOORWAY MAY SERVE BOTH THE LOADING AND TRASH/CARBAGE FUNCTIONS... E. ACCESS TO ANY UNLID SHOULD NOT REQUIRE A VERTICAL ASCENT OF OVER TWO STOREYS

- 13. FENCES AND WALLS REQUIREMENTS: A. FENCES SHALL BE LIMITED TO EIGHT (8) FEET IN HEIGHT... B. WALLS SHALL BE LIMITED TO 50 (50) FEET IN HEIGHT... 14. R-4-4 CONDITIONAL USE REQUIREMENTS (FOR REFERENCE ONLY): A. MAXIMUM TRACT SIZE: 7 ACRES... B. MAXIMUM CROSS SECTION: 10 UNITS PER ACRE... C. MAXIMUM NUMBER OF UNITS PER BUILDING: (1) WITHIN 200 FEET OF EXISTING APARTMENT OR TOWNHOUSE USE: 30 UNITS... (2) 200 FEET OR GREATER DISTANCE FROM APARTMENT OR TOWNHOUSE USE: 28 UNITS... D. MINIMUM DISTANCE BETWEEN BUILDINGS: 40 FEET... E. MINIMUM DISTANCE FROM TRACT PERIMETER: 50 FEET... F. MAXIMUM HEIGHT: (1) WITHIN 200 FEET OF EXISTING APARTMENT OR TOWNHOUSE USE: 32 FEET OR 2 STOREYS... (2) 200 FEET OR GREATER DISTANCE FROM APARTMENT OR TOWNHOUSE USE: 28 FEET OR 2 STOREYS... G. AGE-RESTRICTED APARTMENTS SHALL BE PERMITTED A COMMON ACTIVITY ROOM AND A COMMON LAUNDRY WITHIN THE CONFINES OF THE BUILDING... H. QUADROPLEXES AND TOWNHOUSES MARKETED ON A FEE-SIMPLE BASIS SHALL CONFORM TO THE LOT REQUIREMENTS OF §410.6.3 AND 5-4... I. ANY OTHER STANDARD NOT MODIFIED HEREIN SHALL APPLY

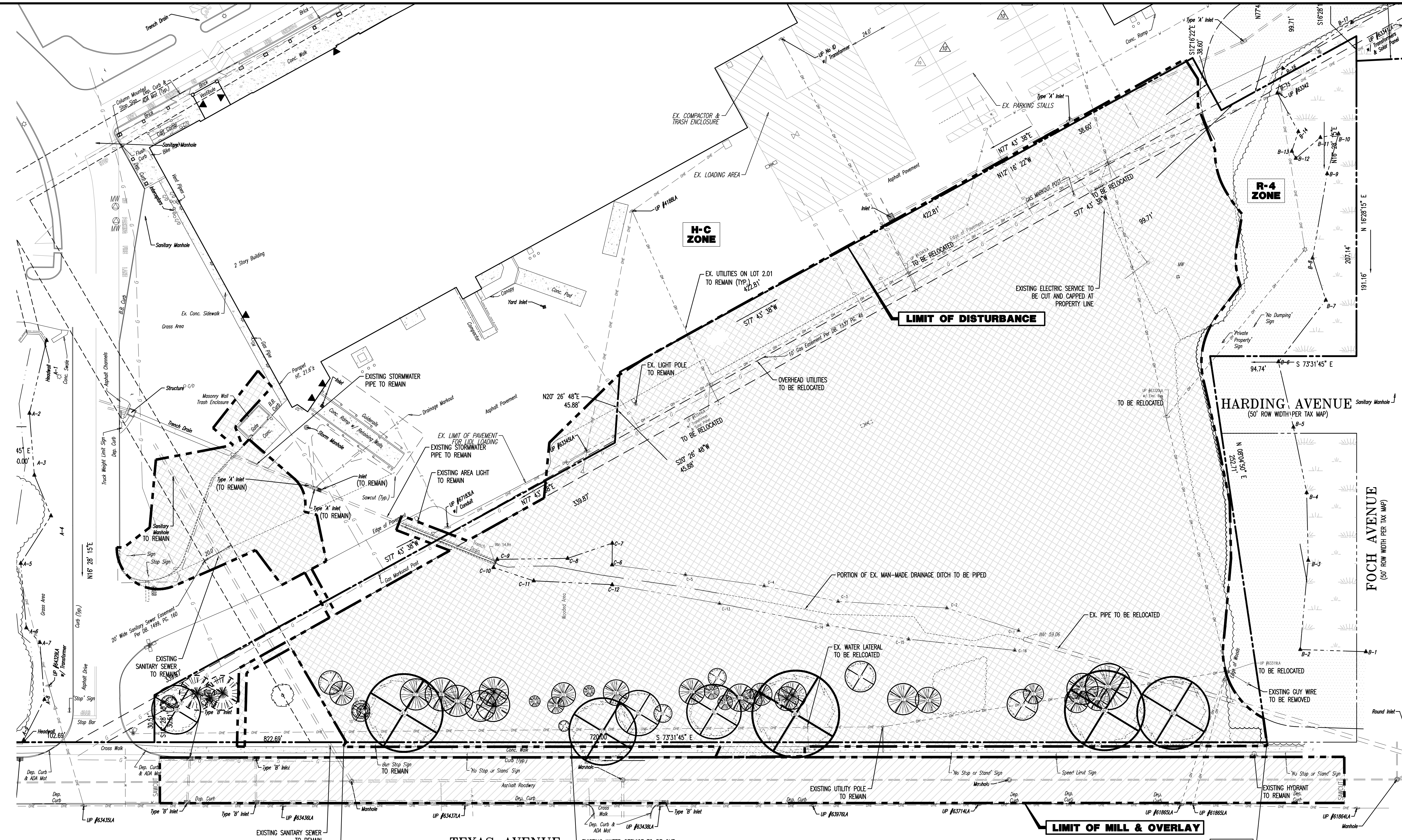
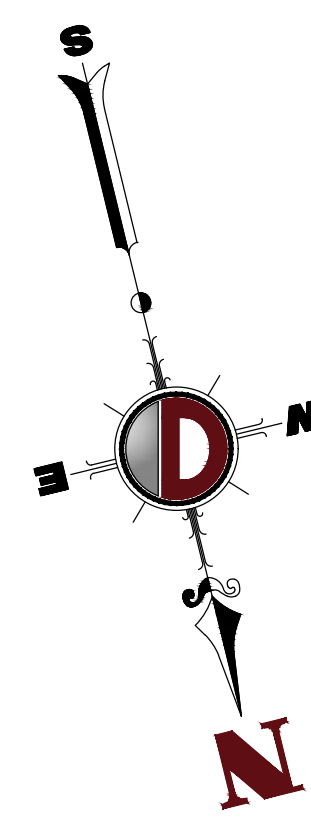
RESIDENTIAL BUILDING DESIGN STANDARDS: A. ALL BUILDINGS SHALL BE SEPARATED BY A MINIMUM OF 25 FEET PROVIDED SUCH SEPARATION IS TO BE USED SOLELY FOR PEDESTRIAN CIRCULATION... B. BUILDINGS SHALL BE SEPARATED BY A MINIMUM OF 25 FEET PROVIDED SUCH SEPARATION IS TO BE USED SOLELY FOR PEDESTRIAN CIRCULATION... C. WHERE APPROPRIATE, MEASURES PROVIDING FOR CROSS ACCESS FOR PEDESTRIANS AND VEHICLES FROM ADJACENT LOTS OR TRACTS SHALL BE PROVIDED... D. ACCESS TO ANY UNLID SHOULD NOT REQUIRE A VERTICAL ASCENT OF OVER TWO STOREYS

GENERAL NOTES (CONTINUED)

- 15. THE APPLICANT REQUESTS ANY AND ALL SUBMISSION WAIVERS THAT NOT SPECIFICALLY IDENTIFIED HEREIN... 16. PRIOR TO SUBMITTING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE TO MAKE SURE THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED... 17. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE REQUIREMENTS AND STANDARDS OF THE LOCAL GOVERNING AUTHORITY... 18. THE SOILS REPORT AND RECOMMENDATIONS SET FORTH THEREIN ARE A PART OF THE REQUIRED CONSTRUCTION DOCUMENTS... 19. SITE CLEARING SHALL INCLUDE THE LOCATION AND REMOVAL OF ALL UNDERGROUND TANKS, PIPES, VALVES, ETC... 20. THE PROPERTY SURVEY SHALL BE CONSIDERED A PART OF THESE PLANS... 21. ALL DIMENSIONS SHOWN ON THE PLANS SHALL BE FIELD VERIFIED BY THE CONTRACTOR... 22. SOLID WASTE TO BE DISPOSED OF BY CONTRACTOR IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS... 23. ALL EXCAVATED UNSUITABLE MATERIAL MUST BE TRANSPORTED TO AN APPROVED DISPOSAL LOCATION... 24. CONTRACTOR IS RESPONSIBLE FOR ALL SHORING REQUIRED DURING EXCAVATION AND SHALL BE PERFORMED IN ACCORDANCE WITH CURRENT OSHA STANDARDS... 25. ALL CONTRACTORS MUST CARRY STATUTORY WORKERS COMPENSATION, EMPLOYERS LIABILITY INSURANCE AND APPROPRIATE LIMITS OF COMMERCIAL GENERAL LIABILITY INSURANCE... 26. NEITHER THE PROFESSIONAL ACTIVITIES OF DYNAMIC ENGINEERING CONSULTANTS, P.C. NOR THE PRESENCE OF DYNAMIC ENGINEERING CONSULTANTS, P.C. OF ITS EMPLOYEES AND SUBCONTRACTORS AT A CONSTRUCTION PROJECT... 27. DYNAMIC ENGINEERING CONSULTANTS, P.C. SHALL REVIEW AND APPROVE OR TAKE OTHER APPROPRIATE ACTION ON THE CONTRACTOR SUBMITS... 28. IN AN EFFORT TO RESOLVE ANY CONFLICTS THAT ARISE DURING THE DESIGN AND CONSTRUCTION OF THE PROJECT... 29. THE CONTRACTOR MUST MAINTAIN A MEDICATION PROVIDED IN ALL AGREEMENTS WITH INDEPENDENT SUBCONTRACTORS... 30. IF THE CONTRACTOR DEVIATES FROM THE PLANS AND SPECIFICATIONS, INCLUDING THE NOTES CONTAINED THEREIN... 31. ALL TRAFFIC SIGNS AND STRIPING SHALL FOLLOW THE REQUIREMENTS SPECIFIED IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES... 32. THE BUILDING SETBACK DIMENSIONS ILLUSTRATED AND LISTED ON THE SITE PLAN DRAWINGS ARE MEASURED FROM THE OUTSIDE SURFACE OF BUILDING WALLS... 33. CONTRACTOR ACKNOWLEDGES HE HAS READ AND UNDERSTOOD THE DESIGN PHASE SOIL PERMEABILITY AND GROUNDWATER TEST RESULTS... 34. CONTRACTOR TO BE ADVISED THAT THE ENGINEER HAS NOT PROVIDED WITH FINAL FLOOR PLAN DRAWINGS FOR THE BUILDING... 35. ALL LAWN AREAS WITH A SLOPE GREATER THAN 5:1 SHALL BE PLANTED WITH SOO.

DEMOLITION NOTES

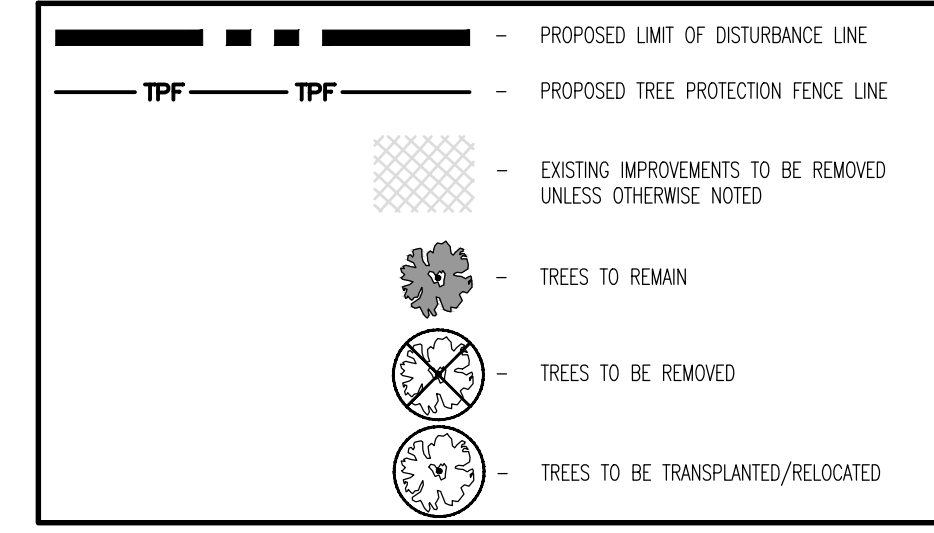
- 1. ALL DEMOLITION ACTIVITIES ARE TO BE PERFORMED IN STRICT ADHERENCE TO ALL FEDERAL, STATE AND LOCAL REGULATIONS... 2. PROCEED WITH DEMOLITION IN A SYSTEMATIC MANNER, FROM THE TOP OF THE STRUCTURE(S) TO THE GROUND... 3. COMPLETE DEMOLITION WORK ABOVE EACH FLOOR OR TIER BEFORE DISTURBING ANY OF THE SUPPORTING MEMBERS OF THE LOWER LEVELS... 4. DEMOLISH STRUCTURE AND MASONRY IN SMALL SECTIONS... 5. REMOVE STRUCTURAL FRAMING MEMBERS AND LOWER THEM TO THE GROUND BY MEANS OF HOSTS, DERISKS OR OTHER SUITABLE METHODS... 6. BREAK UP CONCRETE SLABS-ON-GRADE, UNLESS OTHERWISE DIRECTED BY OWNER... 7. LOCATE DEMOLITION EQUIPMENT THROUGHTOUT THE STRUCTURE AND REMOVE MATERIALS SO AS NOT TO IMPOSE EXCESSIVE LOADS ON SUPPORTING WALLS, FLOORS, OR FRAMING... 8. PROVIDE INTERIOR AND EXTERIOR SHORING, BRACING AND SUPPORTS TO PREVENT MOVEMENT, SETTLEMENT OR COLLAPSE OF STRUCTURES... 9. DEMOLISH AND REMOVE ALL FOUNDATION WALLS, FOOTINGS AND OTHER MATERIALS WITHIN THE AREA OF THE DESIGNATED FUTURE BUILDING... 10. ERECT AND MAINTAIN COVERED PASSAGeways IN ORDER TO PROVIDE SAFE PASSAGE FOR PERSONS AROUND THE AREA OF DEMOLITION... 11. REFRAIN FROM USING ANY EXPLOSIVES WITHOUT PRIOR WRITTEN CONSENT OF OWNER AND APPLICABLE GOVERNMENTAL AUTHORITIES... 12. CONDUCT DEMOLITION OPERATIONS IN SUCH A MANNER TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS AND ANY APPLICABLE FACILITIES... 13. DISCONNECT, SHUT OFF AND SEAL IN CONCRETE ALL UTILITIES SERVING THE STRUCTURE(S) TO BE DEMOLISHED... 14. ACCUMPHISH AND PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE UNAUTHORIZED ENTRY OF PERSONS AT ANY TIME... 15. COMPLETELY FILL BELOW GRADE AREAS AND VOIDS RESULTING FROM THE DEMOLITION OF STRUCTURES AND FOUNDATIONS... 16. REMOVE FROM THE DESIGNATED SITE, AT THE EARLIEST POSSIBLE TIME, ALL DEBRIS, RUBBISH, SALVAGEABLE ITEMS, HAZARDOUS AND COMBUSTIBLE SERVICES... 17. DISCONNECT, SHUT OFF AND SEAL IN CONCRETE ALL UTILITIES SERVING THE STRUCTURE(S) TO BE DEMOLISHED... 18. THIS DEMOLITION PLAN IS INTENDED TO IDENTIFY THOSE EXISTING CONDITIONS WHICH ARE TO BE REMOVED... 19. WATERING, TEMPORARY ENCLOSURES AND OTHER SUITABLE METHODS, AS NECESSARY TO LIMIT THE AMOUNT OF DUST AND DRIBBING AND SCATTERING... 20. ACCUMPHISH AND PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE UNAUTHORIZED ENTRY OF PERSONS AT ANY TIME... 21. COMPLETELY FILL BELOW GRADE AREAS AND VOIDS RESULTING FROM THE DEMOLITION OF STRUCTURES AND FOUNDATIONS... 22. REMOVE FROM THE DESIGNATED SITE, AT THE EARLIEST POSSIBLE TIME, ALL DEBRIS, RUBBISH, SALVAGEABLE ITEMS, HAZARDOUS AND COMBUSTIBLE SERVICES... 23. DISCONNECT, SHUT OFF AND SEAL IN CONCRETE ALL UTILITIES SERVING THE STRUCTURE(S) TO BE DEMOLISHED... 24. ACCUMPHISH AND PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE UNAUTHORIZED ENTRY OF PERSONS AT ANY TIME... 25. COMPLETELY FILL BELOW GRADE AREAS AND VOIDS RESULTING FROM THE DEMOLITION OF STRUCTURES AND FOUNDATIONS... 26. REMOVE FROM THE DESIGNATED SITE, AT THE EARLIEST POSSIBLE TIME, ALL DEBRIS, RUBBISH, SALVAGEABLE ITEMS, HAZARDOUS AND COMBUSTIBLE SERVICES... 27. DISCONNECT, SHUT OFF AND SEAL IN CONCRETE ALL UTILITIES SERVING THE STRUCTURE(S) TO BE DEMOLISHED... 28. THIS DEMOLITION PLAN IS INTENDED TO IDENTIFY THOSE EXISTING CONDITIONS WHICH ARE TO BE REMOVED... 29. WATERING, TEMPORARY ENCLOSURES AND OTHER SUITABLE METHODS, AS NECESSARY TO LIMIT THE AMOUNT OF DUST AND DRIBBING AND SCATTERING... 30. ACCUMPHISH AND PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE UNAUTHORIZED ENTRY OF PERSONS AT ANY TIME... 31. COMPLETELY FILL BELOW GRADE AREAS AND VOIDS RESULTING FROM THE DEMOLITION OF STRUCTURES AND FOUNDATIONS... 32. REMOVE FROM THE DESIGNATED SITE, AT THE EARLIEST POSSIBLE TIME, ALL DEBRIS, RUBBISH, SALVAGEABLE ITEMS, HAZARDOUS AND COMBUSTIBLE SERVICES... 33. DISCONNECT, SHUT OFF AND SEAL IN CONCRETE ALL UTILITIES SERVING THE STRUCTURE(S) TO BE DEMOLISHED... 34. ACCUMPHISH AND PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE UNAUTHORIZED ENTRY OF PERSONS AT ANY TIME... 35. COMPLETELY FILL BELOW GRADE AREAS AND VOIDS RESULTING FROM THE DEMOLITION OF STRUCTURES AND FOUNDATIONS... 36. REMOVE FROM THE DESIGNATED SITE, AT THE EARLIEST POSSIBLE TIME, ALL DEBRIS, RUBBISH, SALVAGEABLE ITEMS, HAZARDOUS AND COMBUSTIBLE SERVICES... 37. DISCONNECT, SHUT OFF AND SEAL IN CONCRETE ALL UTILITIES SERVING THE STRUCTURE(S) TO BE DEMOLISHED... 38. THIS DEMOLITION PLAN IS INTENDED TO IDENTIFY THOSE EXISTING CONDITIONS WHICH ARE TO BE REMOVED... 39. WATERING, TEMPORARY ENCLOSURES AND OTHER SUITABLE METHODS, AS NECESSARY TO LIMIT THE AMOUNT OF DUST AND DRIBBING AND SCATTERING... 40. ACCUMPHISH AND PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE UNAUTHORIZED ENTRY OF PERSONS AT ANY TIME... 41. COMPLETELY FILL BELOW GRADE AREAS AND VOIDS RESULTING FROM THE DEMOLITION OF STRUCTURES AND FOUNDATIONS... 42. REMOVE FROM THE DESIGNATED SITE, AT THE EARLIEST POSSIBLE TIME, ALL DEBRIS, RUBBISH, SALVAGEABLE ITEMS, HAZARDOUS AND COMBUSTIBLE SERVICES... 43. DISCONNECT, SHUT OFF AND SEAL IN CONCRETE ALL UTILITIES SERVING THE STRUCTURE(S) TO BE DEMOLISHED... 44. ACCUMPHISH AND PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE UNAUTHORIZED ENTRY OF PERSONS AT ANY TIME... 45. COMPLETELY FILL BELOW GRADE AREAS AND VOIDS RESULTING FROM THE DEMOLITION OF STRUCTURES AND FOUNDATIONS... 46. REMOVE FROM THE DESIGNATED SITE, AT THE EARLIEST POSSIBLE TIME, ALL DEBRIS, RUBBISH, SALVAGEABLE ITEMS, HAZARDOUS AND COMBUSTIBLE SERVICES... 47. DISCONNECT, SHUT OFF AND SEAL IN CONCRETE ALL UTILITIES SERVING THE STRUCTURE(S) TO BE DEMOLISHED... 48. THIS DEMOLITION PLAN IS INTENDED TO IDENTIFY THOSE EXISTING CONDITIONS WHICH ARE TO BE REMOVED... 49. WATERING, TEMPORARY ENCLOSURES AND OTHER SUITABLE METHODS, AS NECESSARY TO LIMIT THE AMOUNT OF DUST AND DRIBBING AND SCATTERING... 50. ACCUMPHISH AND PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE UNAUTHORIZED ENTRY OF PERSONS AT ANY TIME... 51. COMPLETELY FILL BELOW GRADE AREAS AND VOIDS RESULTING FROM THE DEMOLITION OF STRUCTURES AND FOUNDATIONS... 52. REMOVE FROM THE DESIGNATED SITE, AT THE EARLIEST POSSIBLE TIME, ALL DEBRIS, RUBBISH, SALVAGEABLE ITEMS, HAZARDOUS AND COMBUSTIBLE SERVICES... 53. DISCONNECT, SHUT OFF AND SEAL IN CONCRETE ALL UTILITIES SERVING THE STRUCTURE(S) TO BE DEMOLISHED... 54. ACCUMPHISH AND PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE UNAUTHORIZED ENTRY OF PERSONS AT ANY TIME... 55. COMPLETELY FILL BELOW GRADE AREAS AND VOIDS RESULTING FROM THE DEMOLITION OF STRUCTURES AND FOUNDATIONS... 56. REMOVE FROM THE DESIGNATED SITE, AT THE EARLIEST POSSIBLE TIME, ALL DEBRIS, RUBBISH, SALVAGEABLE ITEMS, HAZARDOUS AND COMBUSTIBLE SERVICES... 57. DISCONNECT, SHUT OFF AND SEAL IN CONCRETE ALL UTILITIES SERVING THE STRUCTURE(S) TO BE DEMOLISHED... 58. THIS DEMOLITION PLAN IS INTENDED TO IDENTIFY THOSE EXISTING CONDITIONS WHICH ARE TO BE REMOVED... 59. WATERING, TEMPORARY ENCLOSURES AND OTHER SUITABLE METHODS, AS NECESSARY TO LIMIT THE AMOUNT OF DUST AND DRIBBING AND SCATTERING... 60. ACCUMPHISH AND PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE UNAUTHORIZED ENTRY OF PERSONS AT ANY TIME... 61. COMPLETELY FILL BELOW GRADE AREAS AND VOIDS RESULTING FROM THE DEMOLITION OF STRUCTURES AND FOUNDATIONS... 62. REMOVE FROM THE DESIGNATED SITE, AT THE EARLIEST POSSIBLE TIME, ALL DEBRIS, RUBBISH, SALVAGEABLE ITEMS, HAZARDOUS AND COMBUSTIBLE SERVICES... 63. DISCONNECT, SHUT OFF AND SEAL IN CONCRETE ALL UTILITIES SERVING THE STRUCTURE(S) TO BE DEMOLISHED... 64. ACCUMPHISH AND PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE UNAUTHORIZED ENTRY OF PERSONS AT ANY TIME... 65. COMPLETELY FILL BELOW GRADE AREAS AND VOIDS RESULTING FROM THE DEMOLITION OF STRUCTURES AND FOUNDATIONS... 66. REMOVE FROM THE DESIGNATED SITE, AT THE EARLIEST POSSIBLE TIME, ALL DEBRIS, RUBBISH, SALVAGEABLE ITEMS, HAZARDOUS AND COMBUSTIBLE SERVICES... 67. DISCONNECT, SHUT OFF AND SEAL IN CONCRETE ALL UTILITIES SERVING THE STRUCTURE(S) TO BE DEMOLISHED... 68. THIS DEMOLITION PLAN IS INTENDED TO IDENTIFY THOSE EXISTING CONDITIONS WHICH ARE TO BE REMOVED... 69. WATERING, TEMPORARY ENCLOSURES AND OTHER SUITABLE METHODS, AS NECESSARY TO LIMIT THE AMOUNT OF DUST AND DRIBBING AND SCATTERING... 70. ACCUMPHISH AND PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE UNAUTHORIZED ENTRY OF PERSONS AT ANY TIME... 71. COMPLETELY FILL BELOW GRADE AREAS AND VOIDS RESULTING FROM THE DEMOLITION OF STRUCTURES AND FOUNDATIONS... 72. REMOVE FROM THE DESIGNATED SITE, AT THE EARLIEST POSSIBLE TIME, ALL DEBRIS, RUBBISH, SALVAGEABLE ITEMS, HAZARDOUS AND COMBUSTIBLE SERVICES... 73. DISCONNECT, SHUT OFF AND SEAL IN CONCRETE ALL UTILITIES SERVING THE STRUCTURE(S) TO BE DEMOLISHED... 74. ACCUMPHISH AND PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE UNAUTHORIZED ENTRY OF PERSONS AT ANY TIME... 75. COMPLETELY FILL BELOW GRADE AREAS AND VOIDS RESULTING FROM THE DEMOLITION OF STRUCTURES AND FOUNDATIONS... 76. REMOVE FROM THE DESIGNATED SITE, AT THE EARLIEST POSSIBLE TIME, ALL DEBRIS, RUBBISH, SALVAGEABLE ITEMS, HAZARDOUS AND COMBUSTIBLE SERVICES... 77. DISCONNECT, SHUT OFF AND SEAL IN CONCRETE ALL UTILITIES SERVING THE STRUCTURE(S) TO BE DEMOLISHED... 78. THIS DEMOLITION PLAN IS INTENDED TO IDENTIFY THOSE EXISTING CONDITIONS WHICH ARE TO BE REMOVED... 79. WATERING, TEMPORARY ENCLOSURES AND OTHER SUITABLE METHODS, AS NECESSARY TO LIMIT THE AMOUNT OF DUST AND DRIBBING AND SCATTERING... 80. ACCUMPHISH AND PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE UNAUTHORIZED ENTRY OF PERSONS AT ANY TIME... 81. COMPLETELY FILL BELOW GRADE AREAS AND VOIDS RESULTING FROM THE DEMOLITION OF STRUCTURES AND FOUNDATIONS... 82. REMOVE FROM THE DESIGNATED SITE, AT THE EARLIEST POSSIBLE TIME, ALL DEBRIS, RUBBISH, SALVAGEABLE ITEMS, HAZARDOUS AND COMBUSTIBLE SERVICES... 83. DISCONNECT, SHUT OFF AND SEAL IN CONCRETE ALL UTILITIES SERVING THE STRUCTURE(S) TO BE DEMOLISHED... 84. ACCUMPHISH AND PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE UNAUTHORIZED ENTRY OF PERSONS AT ANY TIME... 85. COMPLETELY FILL BELOW GRADE AREAS AND VOIDS RESULTING FROM THE DEMOLITION OF STRUCTURES AND FOUNDATIONS... 86. REMOVE FROM THE DESIGNATED SITE, AT THE EARLIEST POSSIBLE TIME, ALL DEBRIS, RUBBISH, SALVAGEABLE ITEMS, HAZARDOUS AND COMBUSTIBLE SERVICES... 87. DISCONNECT, SHUT OFF AND SEAL IN CONCRETE ALL UTILITIES SERVING THE STRUCTURE(S) TO BE DEMOLISHED... 88. THIS DEMOLITION PLAN IS INTENDED TO IDENTIFY THOSE EXISTING CONDITIONS WHICH ARE TO BE REMOVED... 89. WATERING, TEMPORARY ENCLOSURES AND OTHER SUITABLE METHODS, AS NECESSARY TO LIMIT THE AMOUNT OF DUST AND DRIBBING AND SCATTERING... 90. ACCUMPHISH AND PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE UNAUTHORIZED ENTRY OF PERSONS AT ANY TIME... 91. COMPLETELY FILL BELOW GRADE AREAS AND VOIDS RESULTING FROM THE DEMOLITION OF STRUCTURES AND FOUNDATIONS... 92. REMOVE FROM THE DESIGNATED SITE, AT THE EARLIEST POSSIBLE TIME, ALL DEBRIS, RUBBISH, SALVAGEABLE ITEMS, HAZARDOUS AND COMBUSTIBLE SERVICES... 93. DISCONNECT, SHUT OFF AND SEAL IN CONCRETE ALL UTILITIES SERVING THE STRUCTURE(S) TO BE DEMOLISHED... 94. ACCUMPHISH AND PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE UNAUTHORIZED ENTRY OF PERSONS AT ANY TIME... 95. COMPLETELY FILL BELOW GRADE AREAS AND VOIDS RESULTING FROM THE DEMOLITION OF STRUCTURES AND FOUNDATIONS... 96. REMOVE FROM THE DESIGNATED SITE, AT THE EARLIEST POSSIBLE TIME, ALL DEBRIS, RUBBISH, SALVAGEABLE ITEMS, HAZARDOUS AND COMBUSTIBLE SERVICES... 97. DISCONNECT, SHUT OFF AND SEAL IN CONCRETE ALL UTILITIES SERVING THE STRUCTURE(S) TO BE DEMOLISHED... 98. THIS DEMOLITION PLAN IS INTENDED TO IDENTIFY THOSE EXISTING CONDITIONS WHICH ARE TO BE REMOVED... 99. WATERING, TEMPORARY ENCLOSURES AND OTHER SUITABLE METHODS, AS NECESSARY TO LIMIT THE AMOUNT OF DUST AND DRIBBING AND SCATTERING... 100. ACCUMPHISH AND PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE UNAUTHORIZED ENTRY OF PERSONS AT ANY TIME... 101. COMPLETELY FILL BELOW GRADE AREAS AND VOIDS RESULTING FROM THE DEMOLITION OF STRUCTURES AND FOUNDATIONS... 102. REMOVE FROM THE DESIGNATED SITE, AT THE EARLIEST POSSIBLE TIME, ALL DEBRIS, RUBBISH, SALVAGEABLE ITEMS, HAZARDOUS AND COMBUSTIBLE SERVICES... 103. DISCONNECT, SHUT OFF AND SEAL IN CONCRETE ALL UTILITIES SERVING THE STRUCTURE(S) TO BE DEMOLISHED... 104. ACCUMPHISH AND PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE UNAUTHORIZED ENTRY OF PERSONS AT ANY TIME... 105. COMPLETELY FILL BELOW GRADE AREAS AND VOIDS RESULTING FROM THE DEMOLITION OF STRUCTURES AND FOUNDATIONS... 106. REMOVE FROM THE DESIGNATED SITE, AT THE EARLIEST POSSIBLE TIME, ALL DEBRIS, RUBBISH, SALVAGEABLE ITEMS, HAZARDOUS AND COMBUSTIBLE SERVICES... 107. DISCONNECT, SHUT OFF AND SEAL IN CONCRETE ALL UTILITIES SERVING THE STRUCTURE(S) TO BE DEMOLISHED... 108. THIS DEMOLITION PLAN IS INTENDED TO IDENTIFY THOSE EXISTING CONDITIONS WHICH ARE TO BE REMOVED... 109. WATERING, TEMPORARY ENCLOSURES AND OTHER SUITABLE METHODS, AS NECESSARY TO LIMIT THE AMOUNT OF DUST AND DRIBBING AND SCATTERING... 110. ACCUMPHISH AND PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE UNAUTHORIZED ENTRY OF PERSONS AT ANY TIME... 111. COMPLETELY FILL BELOW GRADE AREAS AND VOIDS RESULTING FROM THE DEMOLITION OF STRUCTURES AND FOUNDATIONS... 112. REMOVE FROM THE DESIGNATED SITE, AT THE EARLIEST POSSIBLE TIME, ALL DEBRIS, RUBBISH, SALVAGEABLE ITEMS, HAZARDOUS AND COMBUSTIBLE SERVICES... 113. DISCONNECT, SHUT OFF AND SEAL IN CONCRETE ALL UTILITIES SERVING THE STRUCTURE(S) TO BE DEMOLISHED... 114. ACCUMPHISH AND PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE UNAUTHORIZED ENTRY OF PERSONS AT ANY TIME... 115. COMPLETELY FILL BELOW GRADE AREAS AND VOIDS RESULTING FROM THE DEMOLITION OF STRUCTURES AND FOUNDATIONS... 116. REMOVE FROM THE DESIGNATED SITE, AT THE EARLIEST POSSIBLE TIME, ALL DEBRIS, RUBBISH, SALVAGEABLE ITEMS, HAZARDOUS AND COMBUSTIBLE SERVICES... 117. DISCONNECT, SHUT OFF AND SEAL IN CONCRETE ALL UTILITIES SERVING THE STRUCTURE(S) TO BE DEMOLISHED... 118. THIS DEMOLITION PLAN IS INTENDED TO IDENTIFY THOSE EXISTING CONDITIONS WHICH ARE TO BE REMOVED... 119. WATERING, TEMPORARY ENCLOSURES AND OTHER SUITABLE METHODS, AS NECESSARY TO LIMIT THE AMOUNT OF DUST AND DRIBBING AND SCATTERING... 120. ACCUMPHISH AND PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE UNAUTHORIZED ENTRY OF PERSONS AT ANY TIME... 121. COMPLETELY FILL BELOW GRADE AREAS AND VOIDS RESULTING FROM THE DEMOLITION OF STRUCTURES AND FOUNDATIONS... 122. REMOVE FROM THE DESIGNATED SITE, AT THE EARLIEST POSSIBLE TIME, ALL DEBRIS, RUBBISH, SALVAGEABLE ITEMS, HAZARDOUS AND COMBUSTIBLE SERVICES... 123. DISCONNECT, SHUT OFF AND SEAL IN CONCRETE ALL UTILITIES SERVING THE STRUCTURE(S) TO BE DEMOLISHED... 124. ACCUMPHISH AND PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE UNAUTHORIZED ENTRY OF PERSONS AT ANY TIME... 125. COMPLETELY FILL BELOW GRADE AREAS AND VOIDS RESULTING FROM THE DEMOLITION OF STRUCTURES AND FOUNDATIONS... 126. REMOVE FROM THE DESIGNATED SITE, AT THE EARLIEST POSSIBLE TIME, ALL DEBRIS, RUBBISH, SALVAGEABLE ITEMS, HAZARDOUS AND COMBUSTIBLE SERVICES... 127. DISCONNECT, SHUT OFF AND SEAL IN CONCRETE ALL UTILITIES SERVING THE STRUCTURE(S) TO BE DEMOLISHED... 128. THIS DEMOLITION PLAN IS INTENDED TO IDENTIFY THOSE EXISTING CONDITIONS WHICH ARE TO BE REMOVED... 129. WATERING, TEMPORARY ENCLOSURES AND OTHER SUITABLE METHODS, AS NECESSARY TO LIMIT THE AMOUNT OF DUST AND DRIBBING AND SCATTERING... 130. ACCUMPHISH AND PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE UNAUTHORIZED ENTRY OF PERSONS AT ANY TIME... 131. COMPLETELY FILL BELOW GRADE AREAS AND VOIDS RESULTING FROM THE DEMOLITION OF STRUCTURES AND FOUNDATIONS... 132. REMOVE FROM THE DESIGNATED SITE, AT THE EARLIEST POSSIBLE TIME, ALL DEBRIS, RUBBISH, SALVAGEABLE ITEMS, HAZARDOUS AND COMBUSTIBLE SERVICES... 133. DISCONNECT, SHUT OFF AND SEAL IN CONCRETE ALL UTILITIES SERVING THE STRUCTURE(S) TO BE DEMOLISHED... 134. ACCUMPHISH AND PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE UNAUTHORIZED ENTRY OF PERSONS AT ANY TIME... 135. COMPLETELY FILL BELOW GRADE AREAS AND VOIDS RESULTING FROM THE DEMOLITION OF STRUCTURES AND FOUNDATIONS... 136. REMOVE FROM THE DESIGNATED SITE, AT THE EARLIEST POSSIBLE TIME, ALL DEBRIS, RUBBISH, SALVAGEABLE ITEMS, HAZARDOUS AND COMBUSTIBLE SERVICES... 137. DISCONNECT, SHUT OFF AND SEAL IN CONCRETE ALL UTILITIES SERVING THE STRUCTURE(S) TO BE DEMOLISHED... 138. THIS DEMOLITION PLAN IS INTENDED TO IDENTIFY THOSE EXISTING CONDITIONS WHICH ARE TO BE REMOVED... 139. WATERING, TEMPORARY ENCLOSURES AND OTHER SUITABLE METHODS, AS NECESSARY TO LIMIT THE AMOUNT OF DUST AND DRIBBING AND SCATTERING... 140. ACCUMPHISH AND PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE UNAUTHORIZED ENTRY OF PERSONS AT ANY TIME... 141. COMPLETELY FILL BELOW GRADE AREAS AND VOIDS RESULTING FROM THE DEMOLITION OF STRUCTURES AND FOUNDATIONS... 142. REMOVE FROM THE DESIGNATED SITE, AT THE EARLIEST POSSIBLE TIME, ALL DEBRIS, RUBBISH, SALVAGEABLE ITEMS, HAZARDOUS AND COMBUSTIBLE SERVICES... 143. DISCONNECT, SHUT OFF AND SEAL IN CONCRETE ALL UTILITIES SERVING THE STRUCTURE(S) TO BE DEMOLISHED... 144. ACCUMPHISH AND PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE UNAUTHORIZED ENTRY OF PERSONS AT ANY TIME... 145. COMPLETELY FILL BELOW GRADE AREAS AND VOIDS RESULTING FROM THE DEMOLITION OF STRUCTURES AND FOUNDATIONS... 146. REMOVE FROM THE DESIGNATED SITE, AT THE EARLIEST POSSIBLE TIME, ALL DEBRIS, RUBBISH, SALVAGEABLE ITEMS, HAZARDOUS AND COMBUSTIBLE SERVICES... 147. DISCONNECT, SHUT OFF AND SEAL IN CONCRETE ALL UTILITIES SERVING THE STRUCTURE(S) TO BE DEMOLISHED... 148. THIS DEMOLITION PLAN IS INTENDED TO IDENTIFY THOSE EXISTING CONDITIONS WHICH ARE TO BE REMOVED... 149. WATERING, TEMPORARY ENCLOSURES AND OTHER SUITABLE METHODS, AS NECESSARY TO LIMIT THE AMOUNT OF DUST AND DRIBBING AND SCATTERING... 150. ACCUMPHISH AND PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE UNAUTHORIZED ENTRY OF PERSONS AT ANY TIME... 151. COMPLETELY FILL BELOW GRADE AREAS AND VOIDS RESULTING FROM THE DEMOLITION OF STRUCTURES AND FOUNDATIONS... 152. REMOVE FROM THE DESIGNATED SITE, AT THE EARLIEST POSSIBLE TIME, ALL DEBRIS, RUBBISH, SALVAGEABLE ITEMS, HAZARDOUS AND COMBUSTIBLE SERVICES... 153. DISCONNECT, SHUT OFF AND SEAL IN CONCRETE ALL UTILITIES SERVING THE STRUCTURE(S) TO BE DEMOLISHED... 154. ACCUMPHISH AND PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE UNAUTHORIZED ENTRY OF PERSONS AT ANY TIME... 155. COMPLETELY FILL BELOW GRADE AREAS AND VOIDS RESULTING FROM THE DEMOLITION OF STRUCTURES AND FOUNDATIONS... 156. REMOVE FROM THE DESIGNATED SITE, AT THE EARLIEST POSSIBLE TIME, ALL DEBRIS, RUBBISH, SALVAGEABLE ITEMS, HAZARDOUS AND COMBUSTIBLE SERVICES... 157. DISCONNECT, SHUT OFF AND SEAL IN CONCRETE ALL UTILITIES SERVING THE STRUCTURE(S) TO BE DEMOLISHED... 158. THIS DEMOLITION PLAN IS INTENDED TO IDENTIFY THOSE EXISTING CONDITIONS WHICH ARE TO BE REMOVED... 159. WATERING, TEMPORARY ENCLOSURES AND OTHER SUITABLE METHODS, AS NECESSARY TO LIMIT THE AMOUNT OF DUST AND DRIBBING AND SCATTERING... 160. ACCUMPHISH AND PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE UNAUTHORIZED ENTRY OF PERSONS AT ANY TIME... 161. COMPLETELY FILL BELOW GRADE AREAS AND VOIDS RESULTING FROM THE DEMOLITION OF STRUCTURES AND FOUNDATIONS... 162. REMOVE FROM THE DESIGNATED SITE, AT THE EARLIEST POSSIBLE TIME, ALL DEBRIS, RUBBISH, SALVAGEABLE ITEMS, HAZARDOUS AND COMBUSTIBLE SERVICES... 163. DISCONNECT, SHUT OFF AND SEAL IN CONCRETE ALL UTILITIES SERVING THE STRUCTURE(S) TO BE DEMOLISHED... 164. ACCUMPHISH AND PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE UNAUTHORIZED ENTRY OF PERSONS AT ANY TIME... 165. COMPLETELY FILL BELOW GRADE AREAS AND VOIDS RESULTING FROM THE DEMOLITION OF STRUCTURES AND FOUNDATIONS... 166. REMOVE FROM THE DESIGNATED SITE, AT THE EARLIEST POSSIBLE TIME, ALL DEBRIS, RUBBISH, SALVAGEABLE ITEMS, HAZARDOUS AND COMBUSTIBLE SERVICES... 167. DISCONNECT, SHUT OFF AND SEAL IN CONCRETE ALL UTILITIES SERVING THE STRUCTURE(S) TO BE DEMOLISHED... 168. THIS DEMOLITION PLAN IS INTENDED TO IDENTIFY THOSE EXISTING CONDITIONS WHICH ARE TO BE REMOVED... 169. WATERING, TEMPORARY ENCLOSURES AND OTHER SUITABLE METHODS, AS NECESSARY TO LIMIT THE AMOUNT OF DUST AND DRIBBING AND SCATTERING... 170. ACCUMPHISH AND PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE UNAUTHORIZED ENTRY OF PERSONS AT ANY TIME... 171. COMPLETELY FILL BELOW GRADE AREAS AND VOIDS RESULTING FROM THE DEMOLITION OF STRUCTURES AND FOUNDATIONS... 172. REMOVE FROM THE DESIGNATED SITE, AT THE EARLIEST POSSIBLE TIME, ALL DEBRIS, RUBBISH, SALVAGEABLE ITEMS, HAZARDOUS AND COMBUSTIBLE SERVICES... 173. DISCONNECT, SHUT OFF AND SEAL IN CONCRETE ALL UTILITIES SERVING THE STRUCTURE(S) TO BE DEMOLISHED... 174. ACCUMPHISH AND PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE UNAUTHORIZED ENTRY OF PERSONS AT ANY TIME... 175. COMPLETELY FILL BELOW GRADE AREAS AND VOIDS RESULTING FROM THE DEMOLITION OF STRUCTURES AND FOUNDATIONS... 176. REMOVE FROM THE DESIGNATED SITE, AT THE EARLIEST POSSIBLE TIME, ALL DEBRIS, RUBBISH, SALVAGEABLE ITEMS, HAZARDOUS AND COMBUSTIBLE SERVICES... 177. DISCONNECT, SHUT OFF AND SEAL IN CONCRETE ALL UTILITIES SERVING THE STRUCTURE(S) TO BE DEMOLISHED... 178. THIS DEMOLITION PLAN IS INTENDED TO IDENTIFY THOSE EXISTING CONDITIONS WHICH ARE TO BE REMOVED... 179. WATERING, TEMPORARY ENCLOSURES AND OTHER SUITABLE METHODS, AS NECESSARY TO LIMIT THE AMOUNT OF DUST AND DRIBBING AND SCATTERING... 180. ACCUMPHISH AND PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE UNAUTHORIZED ENTRY OF PERSONS AT ANY TIME... 181. COMPLETELY FILL BELOW GRADE AREAS AND VOIDS RESULTING FROM THE DEMOLITION OF STRUCTURES AND FOUNDATIONS... 182. REMOVE FROM THE DESIGNATED SITE, AT THE EARLIEST POSSIBLE TIME, ALL DEBRIS, RUBBISH, SALVAGEABLE ITEMS, HAZARDOUS AND COMBUSTIBLE SERVICES... 183. DISCONNECT, SHUT OFF AND SEAL IN CONCRETE ALL UTILITIES SERVING THE STRUCTURE(S) TO BE DEMOLISHED... 184. ACCUMPHISH AND PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE UNAUTHORIZED ENTRY OF PERSONS AT ANY TIME... 185. COMPLETELY FILL BELOW GRADE AREAS AND VOIDS RESULTING FROM THE DEMOLITION OF STRUCTURES AND FOUNDATIONS... 186. REMOVE FROM THE DESIGNATED SITE, AT THE EARLIEST POSSIBLE TIME, ALL DEBRIS, RUBBISH, SALVAGEABLE ITEMS, HAZARDOUS AND COMBUSTIBLE SERVICES... 187. DISCONNECT, SHUT OFF AND SEAL IN CONCRETE ALL UTILITIES SERVING THE STRUCTURE(S) TO BE DEMOLISHED... 188. THIS DEMOLITION PLAN IS INTENDED TO IDENTIFY THOSE EXISTING CONDITIONS WHICH ARE TO BE REMOVED... 189. WATERING, TEMPORARY ENCLOSURES AND OTHER SUITABLE METHODS, AS NECESSARY TO LIMIT THE AMOUNT OF DUST AND DRIBBING AND SCATTERING... 190. ACCUMPHISH AND PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE UNAUTHORIZED ENTRY OF PERSONS AT ANY TIME... 191. COMPLETELY FILL BELOW GRADE AREAS AND VOIDS RESULTING FROM THE DEMOLITION OF STRUCTURES AND FOUNDATIONS... 192. REMOVE FROM THE DESIGNATED SITE, AT THE EARLIEST POSSIBLE TIME, ALL DEBRIS, RUBBISH, SALVAGEABLE ITEMS, HAZARDOUS AND COMBUSTIBLE SERVICES... 193. DISCONNECT, SHUT OFF AND SEAL IN CONCRETE ALL UTILITIES SERVING THE STRUCTURE(S) TO BE DEMOLISHED... 194. ACCUMPHISH AND PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE UNAUTHORIZED ENTRY OF PERSONS AT ANY TIME... 195. COMPLETELY FILL BELOW GRADE AREAS AND VOIDS RESULTING FROM THE DEMOLITION OF STRUCTURES AND FOUNDATIONS... 196. REMOVE FROM THE DESIGNATED SITE, AT THE EARLIEST POSSIBLE TIME, ALL DEBRIS, RUBBISH, SALVAGEABLE ITEMS, HAZARDOUS AND COMBUSTIBLE SERVICES... 197. DISCONNECT, SHUT OFF AND SEAL IN CONCRETE ALL UTILITIES SERVING THE STRUCTURE(S) TO BE DEMOLISHED... 198. THIS DEMOLITION PLAN IS INTENDED TO IDENTIFY THOSE EXISTING CONDITIONS WHICH ARE TO BE REMOVED... 199. WATERING, TEMPORARY ENCLOSURES AND OTHER SUITABLE METHODS, AS NECESSARY TO LIMIT THE AMOUNT OF DUST AND DRIBBING AND SCATTERING... 200. ACCUMPHISH AND PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE UNAUTHORIZED ENTRY OF PERSONS AT ANY TIME... 201. COMPLETELY FILL BELOW GRADE AREAS AND VOIDS RESULTING FROM THE DEMOLITION OF STRUCTURES AND FOUNDATIONS... 202. REMOVE FROM THE DESIGNATED SITE, AT THE EARLIEST POSSIBLE TIME, ALL DEBRIS, RUBBISH, SALVAGEABLE ITEMS, HAZARDOUS AND COMBUSTIBLE SERVICES... 203. DISCONNECT, SHUT OFF AND SEAL IN CONCRETE ALL UTILITIES SERVING THE STRUCTURE(S) TO BE DEMOLISHED... 204. ACCUMPHISH AND PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE UNAUTHORIZED ENTRY OF PERSONS AT ANY TIME... 205. COMPLETELY FILL BELOW GRADE AREAS AND VOIDS RESULTING FROM THE DEMOLITION OF STRUCTURES AND FOUNDATIONS... 206. REMOVE FROM THE DESIGNATED SITE, AT THE EARLIEST POSSIBLE TIME, ALL DEBRIS, RUBBISH, SALVAGEABLE ITEMS, HAZARDOUS AND COMBUSTIBLE SERVICES... 207. DISCONNECT, SHUT OFF AND SEAL IN CONCRETE ALL UTILITIES SERVING THE STRUCTURE(S) TO BE DEMOLISHED... 208. THIS DEMOLITION PLAN IS INTENDED TO IDENTIFY THOSE EXISTING CONDITIONS WHICH ARE TO BE REMOVED... 209. WATERING, TEMPORARY ENCLOSURES AND OTHER SUITABLE METHODS, AS NECESSARY TO LIMIT THE AMOUNT OF DUST AND DRIBBING AND SCATTERING... 210. ACCUMPHISH AND PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE UNAUTHORIZED ENTRY OF PERSONS AT ANY TIME... 211. COMPLETELY FILL BELOW GRADE AREAS AND VOIDS RESULTING FROM THE DEMOLITION OF STRUCTURES AND FOUNDATIONS... 212. REMOVE FROM THE DESIGNATED SITE, AT THE EARLIEST POSSIBLE TIME, ALL DEBRIS, RUBBISH, SALVAGEABLE ITEMS, HAZARDOUS AND COMBUSTIBLE SERVICES... 213. DISCONNECT, SHUT OFF AND SEAL IN CONCRETE ALL UTILITIES SERVING THE STRUCTURE(S) TO BE DEMOLISHED... 214. ACCUMPHISH AND PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE UNAUTHORIZED ENTRY OF PERSONS AT ANY TIME... 215. COMPLETELY FILL BELOW GRADE AREAS AND VOIDS RESULTING FROM THE DEMOLITION OF STRUCTURES AND FOUNDATIONS... 216. REMOVE FROM THE DESIGNATED SITE, AT THE EARLIEST POSSIBLE TIME, ALL DEBRIS, RUBBISH, SALVAGEABLE ITEMS, HAZARDOUS AND COMBUSTIBLE SERVICES... 217. DISCONNECT, SHUT OFF AND SEAL IN CONCRETE ALL UTILITIES SERVING THE STRUCTURE(S) TO BE DEMOLISHED... 218. THIS DEMOLITION PLAN IS INTENDED TO IDENTIFY THOSE EXISTING CONDITIONS WHICH ARE TO BE REMOVED... 219. WATERING, TEMPORARY ENCLOSURES AND OTHER SUITABLE METHODS, AS NECESSARY TO LIMIT THE AMOUNT OF DUST AND DRIBBING AND SCATTERING... 220. ACCUMPHISH AND PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE UNAUTHORIZED ENTRY OF PERSONS AT ANY TIME... 221. COMPLETELY FILL BELOW GRADE AREAS AND VOIDS RESULTING FROM THE DEMOLITION OF STRUCTURES AND FOUNDATIONS... 222. REMOVE FROM THE DESIGNATED SITE, AT THE EARLIEST POSSIBLE TIME, ALL DEBRIS, RUBBISH, SALVAGEABLE ITEMS, HAZARDOUS AND COMBUSTIBLE SERVICES... 223. DISCONNECT, SHUT OFF AND SEAL IN CONCRETE ALL UTILITIES SERVING THE STRUCTURE(S) TO BE DEMOLISHED... 224. ACCUMPHISH AND PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE UNAUTHORIZED ENTRY OF PERSONS AT ANY TIME... 225. COMPLETELY FILL BELOW GRADE AREAS AND VOIDS RESULTING FROM THE DEMOLITION OF STRUCTURES AND FOUNDATIONS... 226. REMOVE FROM THE DESIGNATED SITE, AT THE EARLIEST POSSIBLE TIME, ALL DEBRIS, RUBBISH, SALVAGEABLE ITEMS, HAZARDOUS AND COMBUSTIBLE SERVICES... 227. DISCONNECT, SHUT OFF AND SEAL IN CONCRETE ALL UTILITIES SERVING THE STRUCTURE(S) TO BE DEMOLISHED... 228. THIS DEMOLITION PLAN IS INTENDED TO IDENTIFY THOSE EXISTING CONDITIONS WHICH ARE TO BE REMOVED... 229. WATERING, TEMPORARY ENCLOSURES AND OTHER SUITABLE METHODS, AS NECESSARY TO LIMIT THE AMOUNT OF DUST AND DRIBBING AND SCATTERING... 230. ACCUMPHISH AND PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE UNAUTHORIZED ENTRY OF PERSONS AT ANY TIME... 231. COMPLETELY FILL BELOW GRADE AREAS AND VOIDS RESULTING FROM THE DEMOLITION OF STRUCTURES AND FOUNDATIONS... 232. REMOVE FROM THE DESIGNATED SITE, AT THE EARLIEST POSSIBLE TIME, ALL DEBRIS, RUBBISH, SALVAGEABLE ITEMS, HAZARDOUS AND COMBUSTIBLE SERVICES... 233. DISCONNECT, SHUT OFF AND SEAL IN CONCRETE ALL UTILITIES SERVING THE STRUCTURE(S) TO BE



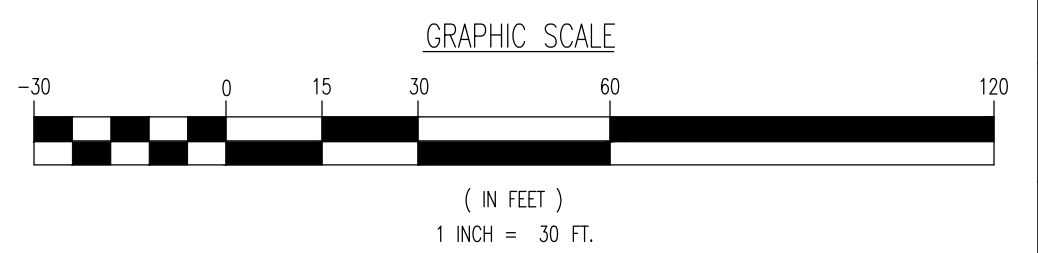
### TREE REPLACEMENT DENSITY CALCULATION

- REQUIRED TREE DENSITY: (170,590 SF) \* (15 TREES/43,560 SF) = 59 REQUIRED TREE DENSITY (RTD)
- EXISTING TREE DENSITY:
  - THE SURVEY IDENTIFIES 4 TREES TO REMAIN PRIOR TO DEVELOPMENT.
  - 1 - 14" DECIDUOUS (1.1 DENSITY UNITS EACH)
  - 2 - 19" CONIFEROUS (2.0 DENSITY UNITS EACH)
  - 1 - 10" CONIFEROUS (0.6 DENSITY UNITS EACH)
  - CONVERTING THE CALIPER TO EXISTING TREE DENSITY UNITS YIELDS THE FOLLOWING VALUES:
  - (1 - 14" TREE) \* (1.1 UNITS/TREE) = 1.1 ETD
  - (2 - 19" TREES) \* (2.0 UNITS/TREE) = 4.0 ETD
  - (1 - 10" TREE) \* (0.6 UNITS/TREE) = 0.6 ETD
  - TOTAL EXISTING TREE UNITS = 5.7 ETD
- REPLACEMENT TREE CALCULATION:
  - 59 (RTD) - 5.7 (ETD) = 53.3 REPLACEMENT TREE UNITS REQUIRED
- PROPOSED REPLACEMENT TREES:
  - 19 - 3" DECIDUOUS TREES (0.6 DENSITY UNITS EACH)
  - 7 - 2" DECIDUOUS TREES (0.5 DENSITY UNITS EACH)
  - 82 - 6-8" TAYLOR UNIFORMS (1.0 DENSITY UNITS EACH)
  - 49 - 8-10" PYRAMIDAL WHITE PINE (1.3 DENSITY UNITS EACH)
  - CONVERTING THE CALIPER TO TREE DENSITY UNITS YIELDS THE FOLLOWING VALUES:
  - (19 - 3" TREES) \* (0.6 UNITS/TREE) = 11.4 DENSITY UNITS
  - (7 - 2" TREES) \* (0.5 UNITS/TREE) = 3.5 DENSITY UNITS
  - (82 - 6-8" TREES) \* (1.0 UNITS/TREE) = 82 DENSITY UNITS
  - (49 - 8-10" TREES) \* (1.3 UNITS/TREE) = 63.7 DENSITY UNITS
  - TOTAL REPLACEMENT TREE UNITS = 160.6 DENSITY UNITS

### DEMOLITION PLAN LEGEND



**LIMIT OF DISTURBANCE = 171,941 SF. (3.947 Ac.)**



THIS PLAN SET IS FOR PERMITTING PURPOSES ONLY AND MAY NOT BE USED FOR CONSTRUCTION

**DYNAMIC ENGINEERING**  
 LAND DEVELOPMENT CONSULTING • PERMITTING • GEOTECHNICAL • ENVIRONMENTAL • SURVEY • PLANNING & ZONING

1904 Main Street  
 Lake Como, NJ 07719  
 T: 202.916.0198  
 F: 202.916.3521  
 www.dynamiceng.com

**DEMOLITION PLAN**

TITLE: \_\_\_\_\_

PROJECT: **RPM DEVELOPMENT, LLC**  
**PROPOSED RESIDENTIAL DEVELOPMENT**  
 BLOCK 2001, LOT 2.02  
 2495 BRUNSWICK PIKE (A.K.A. ALT ROUTE 1)  
 TOWNSHIP OF LAWRENCE, MERCER COUNTY, NEW JERSEY

JOB NO: 1279-99-010  
 DATE: 04/15/2020

DESIGNED BY: GMC  
 SCALE: (H) 1"=30'  
 (V)

CHECKED BY: TJM  
 SHEET NO: \_\_\_\_\_

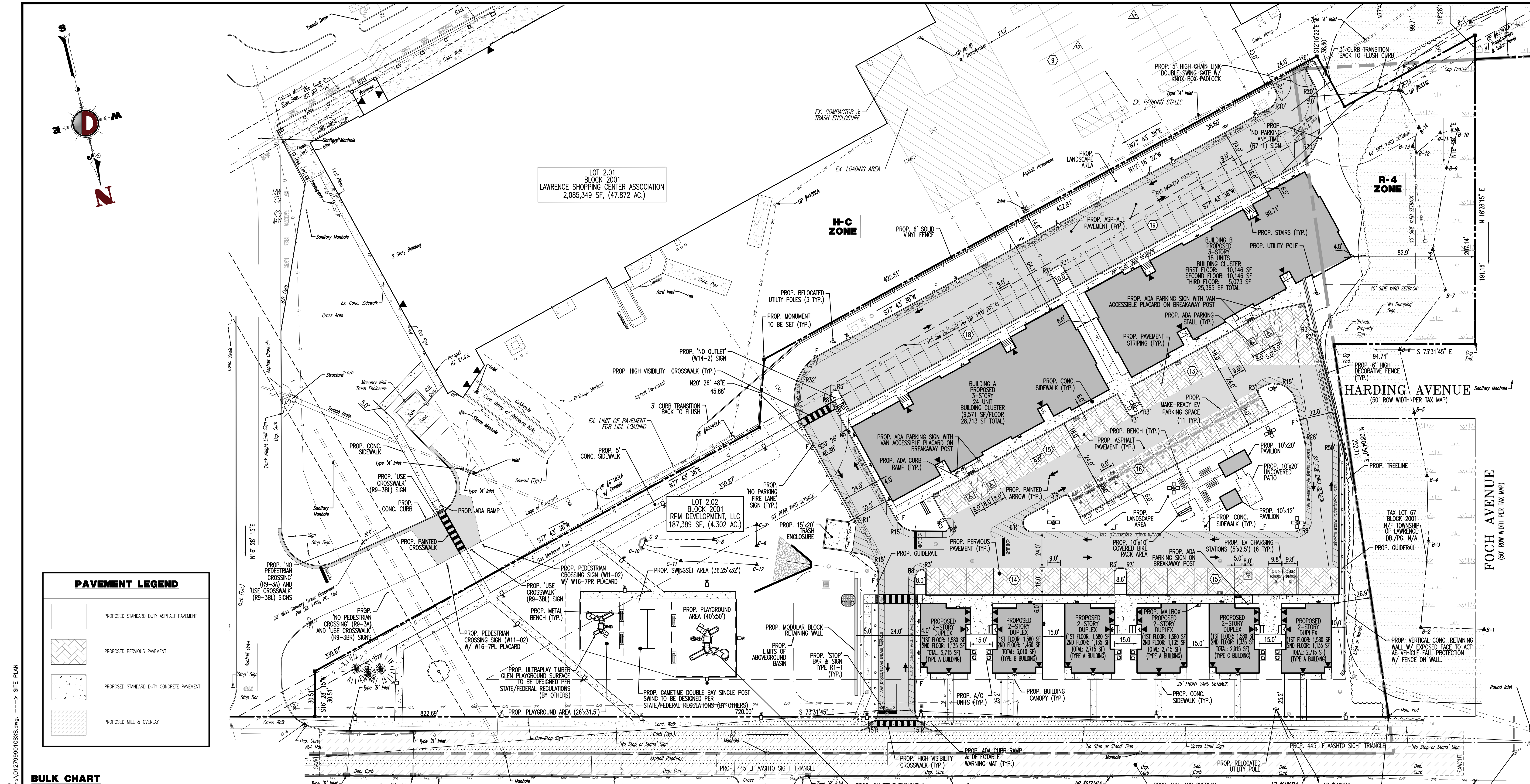
CHECKED BY: \_\_\_\_\_

**JOHN A. PALUS** **THOMAS J. MULLER**  
 PROFESSIONAL ENGINEER  
 NEW JERSEY LICENSE No. 41975  
 PROFESSIONAL ENGINEER  
 NEW JERSEY LICENSE No. 52179

**811** PROTECT YOURSELF  
 ALL STATES REQUIRE NOTIFICATION OF UTILITIES, GASOLINES, OR ANY OTHER  
 PREPARING TO DIG THE EARTH'S SURFACE ANYWHERE IN ANY STATE.  
 Call before you dig.  
 FOR STATE SPECIFIC DIRECT PHONE NUMBERS VISIT:  
 WWW.CALL811.COM

Rev. # 3

Product Ver: 24.1s (LMS Tech)  
 Ploated: 12/09/22 - 2:26 PM, By: gowardick, group: 39-010 lawrence.dwg, Site: P:\vacop projects\1279 rpm development\group\_39-010 lawrence.dwg, Date: 04 DEMOLITION PLAN



LOT 2.01  
BLOCK 2001  
LAWRENCE SHOPPING CENTER ASSOCIATION  
2,085,349 SF, (47.872 AC.)

LOT 2.02  
BLOCK 2001  
RPM DEVELOPMENT, LLC  
187,389 SF, (4.302 AC.)

### PAVEMENT LEGEND

	PROPOSED STANDARD DUTY ASPHALT PAVEMENT
	PROPOSED PERVIOUS PAVEMENT
	PROPOSED STANDARD DUTY CONCRETE PAVEMENT
	PROPOSED MILL & OVERLAY

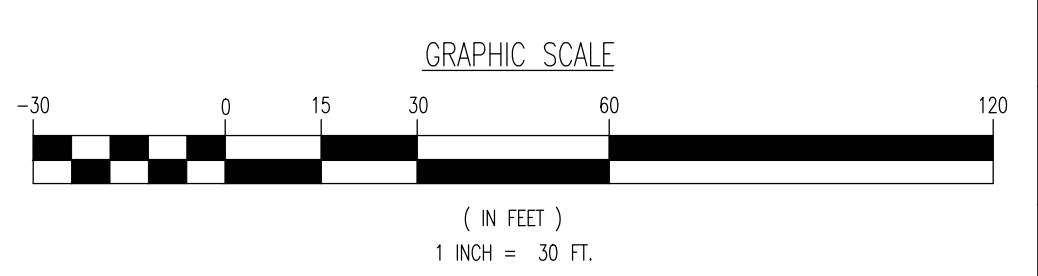
### BULK CHART

SCHEDULE OF ZONING REQUIREMENTS (§ 407.D & 420.E.1)

ZONING REQUIREMENT	ZONE HC	R-4 ZONE	EXISTING LOT 2.02	LOT 2.02
MINIMUM LOT AREA	40,000 SF	60,000 SF	187,389 SF (4.30 AC.)	187,389 SF (4.30 AC.)
MINIMUM LOT FRONTAGE	200 FT	150 FT	720.0 FT	720.0 FT
MINIMUM LOT WIDTH	200 FT	N/S	716.3 FT	716.3 FT
MINIMUM LOT DEPTH [1]	175 FT	N/S	243.8 FT	243.8 FT
MINIMUM FRONT YARD SETBACK [2]	25 FT	50 FT	N/A	25.2 FT
MINIMUM SIDE YARD SETBACK [2]	25 FT	40 FT	N/A	26.9 FT (M)
MINIMUM REAR YARD SETBACK [2]	60 FT	50 FT	N/A	63.6 FT
MAXIMUM FLOOR AREA RATIO	[6]	0.50	N/A	0.38 (70,863 SF) (M)
MAXIMUM IMPERVIOUS SURFACE RATIO	[7]	N/S	0.12 (22,362 SF)	0.54 (101,597 SF)
MAXIMUM BUILDING HEIGHT	35 FT	35 FT	N/A	39.8 FT (M)
MINIMUM SIDE YARD SETBACK (ACCESSORY BUILDING)	20 FT	N/A	N/A	N/A
MINIMUM REAR YARD SETBACK (ACCESSORY BUILDING)	20 FT	N/A	N/A	N/A
MINIMUM DISTANCE TO OTHER BUILDING (ACCESSORY BUILDING) [3]	25 FT	N/A	N/A	N/A
MINIMUM DISTANCE TO OTHER BUILDING (ACCESSORY BUILDING) [4]	50 FT	N/A	N/A	33.4 FT (M)
MAXIMUM HEIGHT (ACCESSORY BUILDING)	20 FT	N/A	N/A	N/A
MINIMUM USABLE YARD AREA	N/S	20% EACH YARD	65.0% (121,781 SF)	25.8% (48,286 SF)

N/S: NOT STANDARD N/A: NOT APPLICABLE (E): EXISTING NON-COMFORMANCE (V): VARIANCE

TEXAS AVENUE  
(50' ROW WIDTH PER TAX MAP)



THIS PLAN SET IS FOR PERMITTING PURPOSES ONLY AND MAY NOT BE USED FOR CONSTRUCTION

## DYNAMIC ENGINEERING

LAND DEVELOPMENT CONSULTING • PERMITTING • GEOTECHNICAL • ENVIRONMENTAL • SURVEY • PLANNING & ZONING

1904 Main Street, Lake Como, NJ 07719  
T: 973.974.0198 F: 973.974.3521  
www.dynamiceng.com

TITLE: \_\_\_\_\_

PROJECT: **RPM DEVELOPMENT, LLC**  
**PROPOSED RESIDENTIAL DEVELOPMENT**  
BLOCK 2001, LOT 2.02  
2495 BRUNSWICK PIKE (A.K.A. ALT ROUTE 1)  
TOWNSHIP OF LAWRENCE, MERCER COUNTY, NEW JERSEY

JOB No: 1279-99-010 DATE: 04/15/2020

DRAWN BY: GMC SCALE: (H) 1"=30' (V)

DESIGNED BY: LPG SHEET No: \_\_\_\_\_

CHECKED BY: TJM

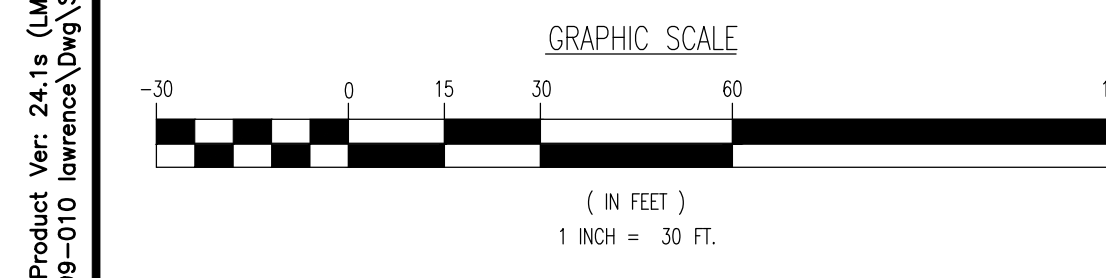
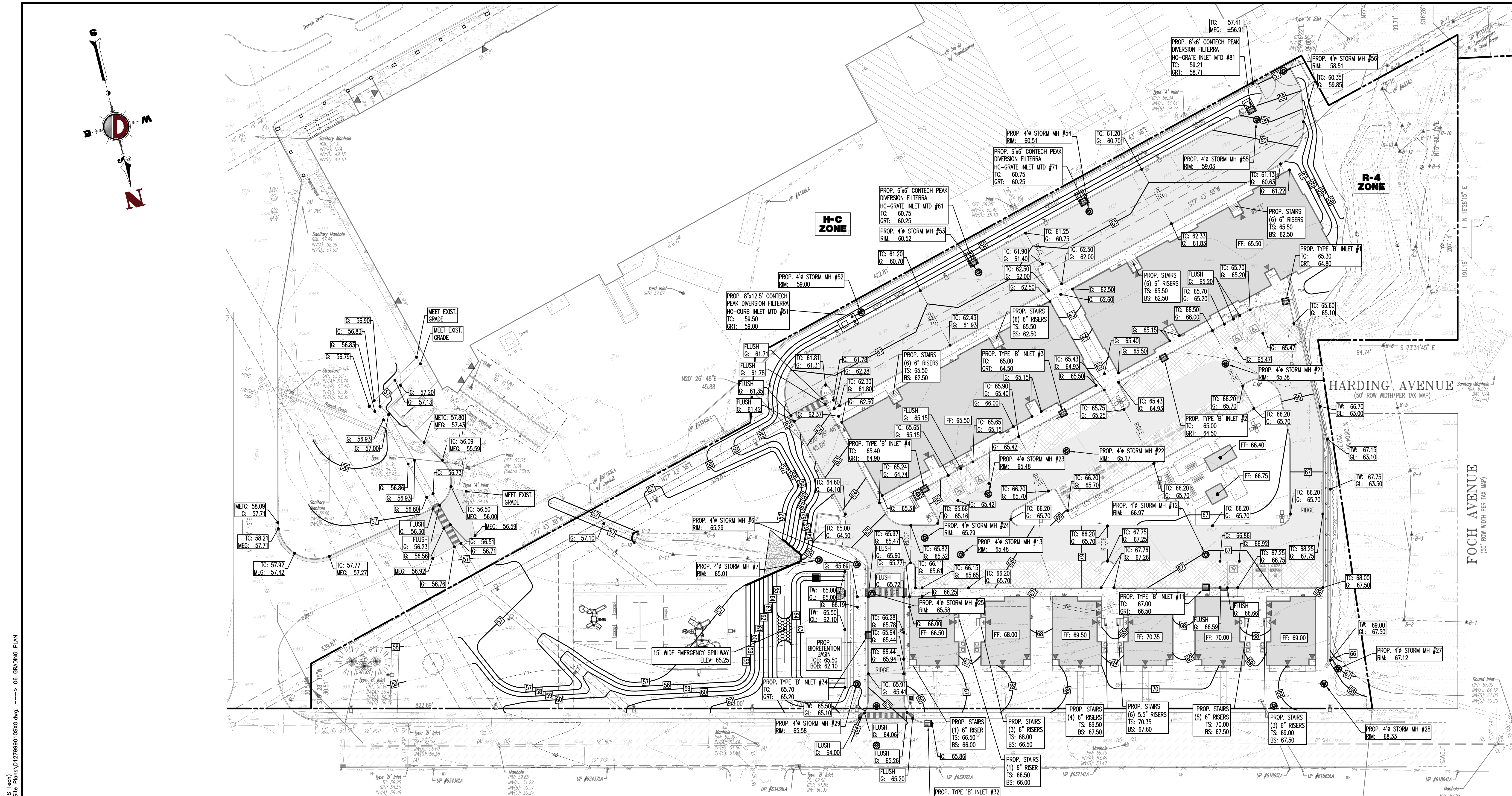
**JOHN A. PALUS** **THOMAS J. MULLER**

PROFESSIONAL ENGINEER NEW JERSEY LICENSE No. 41975  
PROFESSIONAL ENGINEER NEW JERSEY LICENSE No. 52179

**811** PROTECT YOURSELF  
ALL UTILITIES REQUIRE NOTIFICATION OF  
DEEPENING, REPAIRS, OR ANY OTHER  
WORKING IN, UNDER, OR ADJACENT TO  
EXISTING UTILITIES. CALL 811 AT LEAST  
24 HOURS BEFORE ANY WORK BEGINS.  
FOR STATE SPECIFIC DIRECT PHONE NUMBERS VISIT  
WWW.CALL811.COM

Rev. # 3

Plotted: 12/09/22 = 2:26 PM, By: gowdrick, Product Ver: 24.1s (LMS Tech)  
 File: P:\pccp projects\1279 rpm development group\39-010 Lawrence\DWG\Site\Site Plan.dwg (Site\Site Plan.dwg)



**GRADING/UTILITY GRAPHIC LEGEND**

<p>EXIST. GUY WIRE</p> <p>EXIST. LIGHT POLE</p> <p>EXIST. BUILDING LIGHT</p> <p>EXIST. SHOE BOX LIGHT</p> <p>EXIST. COBRA LIGHT POLE</p> <p>EXIST. TRAFFIC SIGNAL POLE</p> <p>EXIST. MANHOLE</p> <p>EXIST. "A" INLET</p> <p>EXIST. "B" INLET</p> <p>EXIST. "C" INLET</p> <p>EXIST. YARD INLET</p> <p>EXIST. FLARED END SECTION</p> <p>EXIST. HEADWALL</p> <p>EXIST. UTILITY POLE</p>	<p>EXIST. MONITORING WELL</p> <p>APPROX. TEST PIT LOCATION</p> <p>EXIST. FIRE HYDRANT</p> <p>EXIST. WATER VALVE</p> <p>EXIST. GAS METER</p> <p>EXIST. ELECTRIC METER</p> <p>EXIST. ELECTRIC BOX</p> <p>EXIST. CLEAN OUT</p> <p>EXIST. WELL</p> <p>EXIST. WATER SHUT OFF VALVE</p> <p>EXIST. TELEPHONE BOX</p> <p>EXIST. CABLE TV BOX</p> <p>PROP. HEADWALL</p>	<p>PROP. WATER VALVE</p> <p>PROP. GAS VALVE</p> <p>PROP. STORM CLEANOUT</p> <p>PROP. SANITARY CLEANOUT</p> <p>PROP. AREA LIGHT</p> <p>PROP. OUTLET CONTROL STRUCTURE</p> <p>PROP. DRAINAGE MANHOLE</p> <p>PROP. SANITARY SEWER MANHOLE</p> <p>PROP. "A" INLET</p> <p>PROP. "B" INLET</p> <p>PROP. "C" INLET</p> <p>PROP. "E" INLET</p> <p>PROP. "Y" INLET</p> <p>PROP. FLARED END SECTION</p>	<p>EXIST. CABLE LINE</p> <p>EXIST. CABLE LINE</p> <p>EXIST. ELECTRIC LINE</p> <p>EXIST. ELECTRIC LINE</p> <p>EXIST. FIBER OPTIC LINE</p> <p>EXIST. FIBER OPTIC LINE</p> <p>EXIST. GAS LINE</p> <p>EXIST. GAS LINE</p> <p>EXIST. OVERHEAD WIRES</p> <p>EXIST. OVERHEAD WIRES</p> <p>EXIST. TELEPHONE LINE</p> <p>EXIST. TELEPHONE LINE</p> <p>EXIST. WATER LINE</p> <p>PROP. UNDERGROUND ELEC./TELE. SERVICE (NO. &amp; SIZE OF CONDUITS NOT DEFINED)</p> <p>PROP. UNDERGROUND ELEC./TELE. SERVICE (NO. &amp; SIZE OF CONDUITS NOT DEFINED)</p> <p>EXIST. SANITARY SEWER LINE</p> <p>PROP. SANITARY SEWER LINE</p> <p>EXIST. STORM DRAIN LINE</p> <p>PROP. STORM DRAIN LINE</p> <p>EXIST. MINOR CONTOUR &amp; ELEVATION</p> <p>EXIST. MAJOR CONTOUR &amp; ELEVATION</p> <p>PROP. FINISH GRADE CONTOUR &amp; ELEVATION</p> <p>PROP. DIRECTION OF DRAINAGE FLOW ARROW</p>	<p>EXIST. SPOT ELEVATIONS</p> <p>EXIST. GUTTER ELEV.</p> <p>EXIST. TOP OF CURB ELEV.</p> <p>EXIST. FINISH FLOOR ELEV.</p> <p>EXIST. GARAGE FLOOR ELEV.</p> <p>PROP. GRADE SPOT ELEV.</p> <p>PROP. TOP OF CURB &amp; FINISHED GRADE ELEV.</p> <p>PROP. FINISHED FLOOR ELEV.</p> <p>PROP. TOP OF WALL &amp; FINISHED GRADE @ LOW SIDE OF WALL (ACTUAL BOTTOM OF WALL FOOTING TO BE ESTABLISHED BY WALL DESIGNER)</p> <p>PROP. TOP OF EXTENDED CURB, (OH) FINISHED GRADE @ HIGH SIDE OF EXTENDED CURB &amp; (OL) FINISHED GRADE @ LOW SIDE OF EXTENDED CURB</p>
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

THIS PLAN SET IS FOR PERMITTING PURPOSES ONLY AND MAY NOT BE USED FOR CONSTRUCTION

**DYNAMIC ENGINEERING**  
LAND DEVELOPMENT CONSULTING • PERMITTING • GEOTECHNICAL • ENVIRONMENTAL • SURVEY • PLANNING & ZONING

1904 Main Street  
Lake Como, NJ 07719  
T: 973.974.0198  
F: 973.974.3521  
www.dynamiceng.com

1504 Main Street  
Lake Como, NJ 07719  
T: 973.974.0198  
F: 973.974.3521  
www.dynamiceng.com

PROJECT: **RPM DEVELOPMENT, LLC**  
**PROPOSED RESIDENTIAL DEVELOPMENT**  
BLOCK 200, LOT 2, 022  
2495 BRUNSWICK PIKE (A.K.A. ALT ROUTE 1)  
TOWNSHIP OF LAWRENCE, MERCER COUNTY, NEW JERSEY

TITLE: **GRADING PLAN**

JOB NO: 1279-99-010  
DATE: 04/15/2020

DRAWN BY: GMC  
DESIGNED BY: LPG  
CHECKED BY: TJM

SCALE: (H) 1"=30'  
(V) 1"=10'

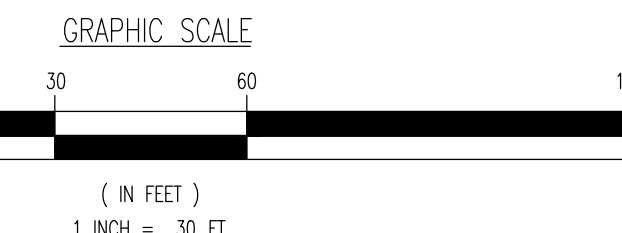
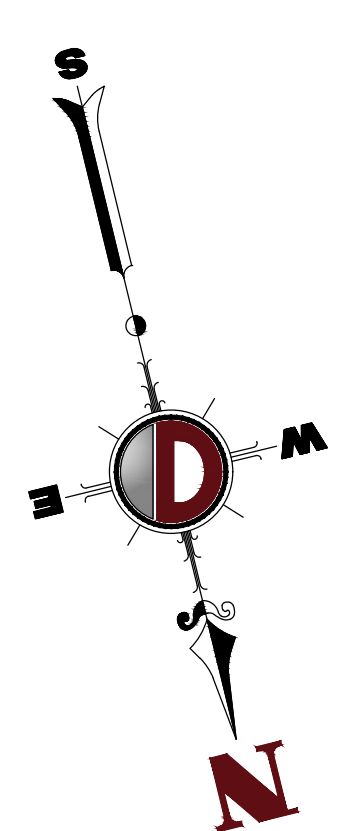
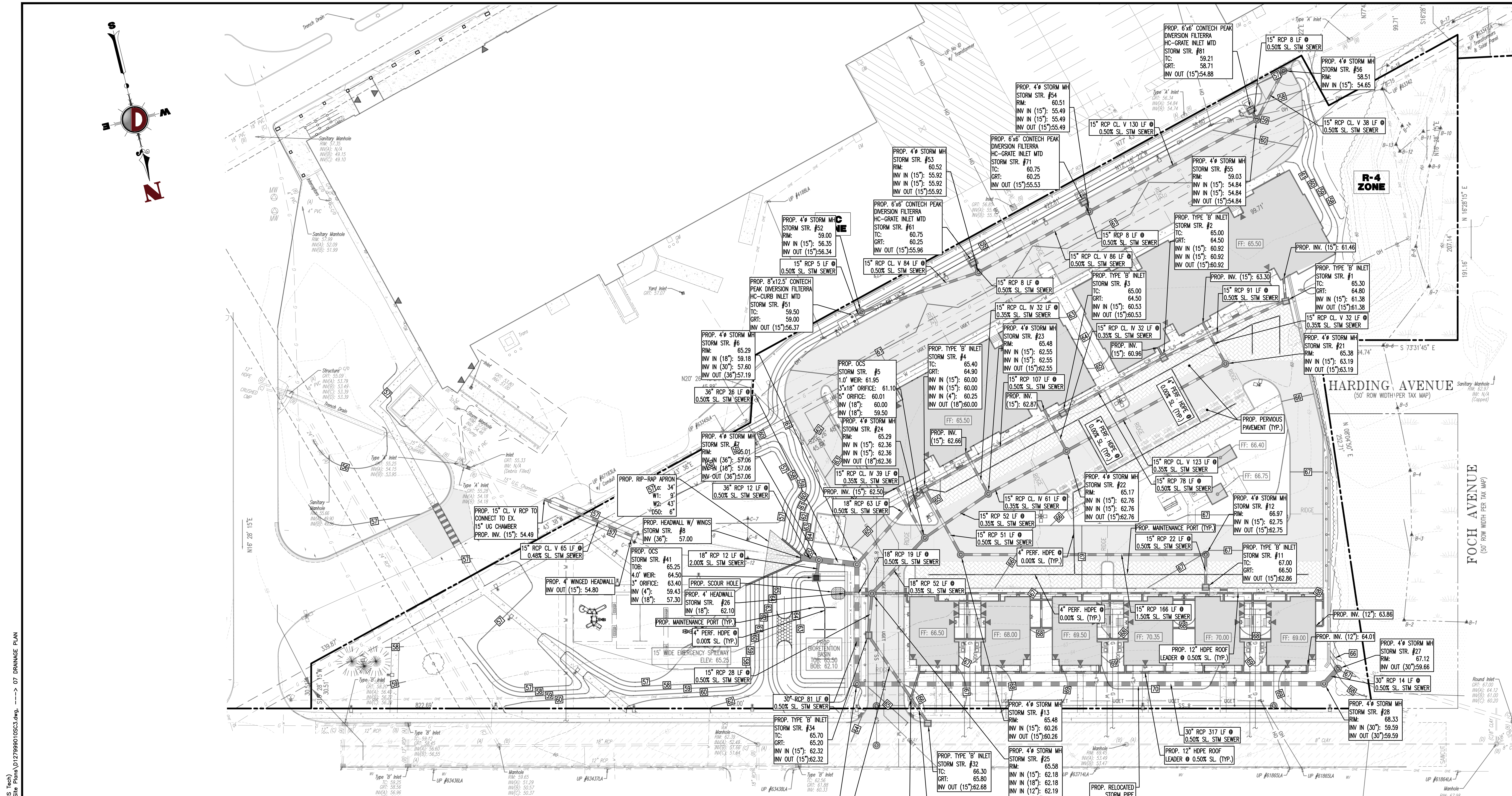
SHEET NO: **6**

OF 24

PROTECT YOURSELF  
ALL LEVELS REQUIRE VERIFICATION BY LICENSED PROFESSIONAL ENGINEER. SEE THE STATE BOARD OF PROFESSIONAL ENGINEERS IN NJ FOR STATE SPECIFIC PROJECT PHONE NUMBERS VISIT: www.call811.com

PROFESSIONAL ENGINEER  
NEW JERSEY LICENSE No. 41975

PROFESSIONAL ENGINEER  
NEW JERSEY LICENSE No. 52179



**GRADING/UTILITY GRAPHIC LEGEND**

<p>EXIST. GUY WIRE</p> <p>EXIST. LIGHT POLE</p> <p>EXIST. FIRE HYDRANT</p> <p>EXIST. BUILDING LIGHT</p> <p>EXIST. SHOE BOX LIGHT</p> <p>EXIST. COBRA LIGHT POLE</p> <p>EXIST. TRAFFIC SIGNAL POLE</p> <p>EXIST. MANHOLE</p> <p>EXIST. "A" INLET</p> <p>EXIST. "B" INLET</p> <p>EXIST. "C" INLET</p> <p>EXIST. YARD INLET</p> <p>EXIST. FLARED END SECTION</p> <p>EXIST. HEADWALL</p> <p>EXIST. UTILITY POLE</p>	<p>EXIST. MONITORING WELL</p> <p>APPROX. TEST PIT LOCATION</p> <p>EXIST. WATER VALVE</p> <p>EXIST. GAS VALVE</p> <p>EXIST. GAS METER</p> <p>EXIST. ELECTRIC METER</p> <p>EXIST. ELECTRIC BOX</p> <p>EXIST. WATER SHUT OFF VALVE</p> <p>EXIST. TELEPHONE BOX</p> <p>EXIST. CABLE TV BOX</p> <p>PROP. HEADWALL</p>	<p>PROP. WATER VALVE</p> <p>PROP. GAS VALVE</p> <p>PROP. STORM CLEANOUT</p> <p>PROP. SANITARY CLEANOUT</p> <p>PROP. AREA LIGHT</p> <p>PROP. OUTLET CONTROL STRUCTURE</p> <p>PROP. DRAINAGE MANHOLE</p> <p>PROP. SANITARY SEWER MANHOLE</p> <p>PROP. "A" INLET</p> <p>PROP. "B" INLET</p> <p>PROP. "C" INLET</p> <p>PROP. YARD INLET</p> <p>PROP. FLARED END SECTION</p> <p>PROP. WATER LINE</p>	<p>EXIST. CABLE LINE</p> <p>PROP. CABLE LINE</p> <p>EXIST. ELECTRIC LINE</p> <p>PROP. ELECTRIC LINE</p> <p>EXIST. FIBER OPTIC LINE</p> <p>PROP. FIBER OPTIC LINE</p> <p>EXIST. GAS LINE</p> <p>PROP. GAS LINE</p> <p>EXIST. OVERHEAD WIRES</p> <p>PROP. OVERHEAD WIRES</p> <p>EXIST. TELEPHONE LINE</p> <p>PROP. TELEPHONE LINE</p> <p>EXIST. WATER LINE</p> <p>PROP. WATER LINE</p>	<p>EXIST. UNDERGROUND ELEC./TELE. SERVICE (NO. &amp; SIZE OF CONDUITS NOT DEFINED)</p> <p>EXIST. UNDERGROUND ELEC./TELE. SERVICE (NO. &amp; SIZE OF CONDUITS NOT DEFINED)</p> <p>EXIST. SANITARY SEWER LINE</p> <p>PROP. SANITARY SEWER LINE</p> <p>EXIST. STORM DRAIN LINE</p> <p>PROP. STORM DRAIN LINE</p> <p>EXIST. MINOR CONTOUR &amp; ELEVATION</p> <p>EXIST. MAJOR CONTOUR &amp; ELEVATION</p> <p>PROP. FINISH GRADE CONTOUR &amp; ELEVATION</p> <p>PROP. DIRECTION OF DRAINAGE FLOW ARROW</p>	<p>EXIST. SPOT ELEVATIONS</p> <p>EXIST. GUTTER ELEV.</p> <p>EXIST. TOP OF CURB ELEV.</p> <p>EXIST. FINISH FLOOR ELEV.</p> <p>EXIST. GARAGE FLOOR ELEV.</p> <p>PROP. GRADE SPOT ELEV.</p> <p>PROP. TOP OF CURB &amp; FINISHED GRADE ELEV.</p> <p>PROP. FINISHED FLOOR ELEV.</p> <p>PROP. TOP OF WALL &amp; FINISHED GRADE @ LOW SIDE OF WALL</p> <p>PROP. TOP OF WALL &amp; FINISHED GRADE @ HIGH SIDE OF WALL</p> <p>PROP. TOP OF EXTENDED CURB, (OH) FINISHED GRADE @ HIGH SIDE OF EXTENDED CURB &amp; (OL) FINISHED GRADE @ LOW SIDE OF EXTENDED CURB</p>
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

THIS PLAN SET IS FOR PERMITTING PURPOSES ONLY AND MAY NOT BE USED FOR CONSTRUCTION

**DYNAMIC ENGINEERING**  
 LAND DEVELOPMENT CONSULTING • PERMITTING • GEOTECHNICAL • ENVIRONMENTAL • SURVEY • PLANNING & ZONING

1904 Main Street  
 Lake Como, NJ 07719  
 T: 908.879.9229 F: 908.879.9228  
 1500 Main Street  
 Lake Como, NJ 07719  
 T: 908.879.9229 F: 908.879.9228

**DRAINAGE PLAN**

TITLE: **RPM DEVELOPMENT, LLC PROPOSED RESIDENTIAL DEVELOPMENT**

PROJECT: 1279-99-010 (DATE: 04/15/2020)

DESIGNED BY: GMC (SCALE: H 1"=30' V)

CHECKED BY: TJM (SHEET NO: 7)

PROFESSIONAL ENGINEER JOHN A. PALUS (NEW JERSEY LICENSE No. 41975)

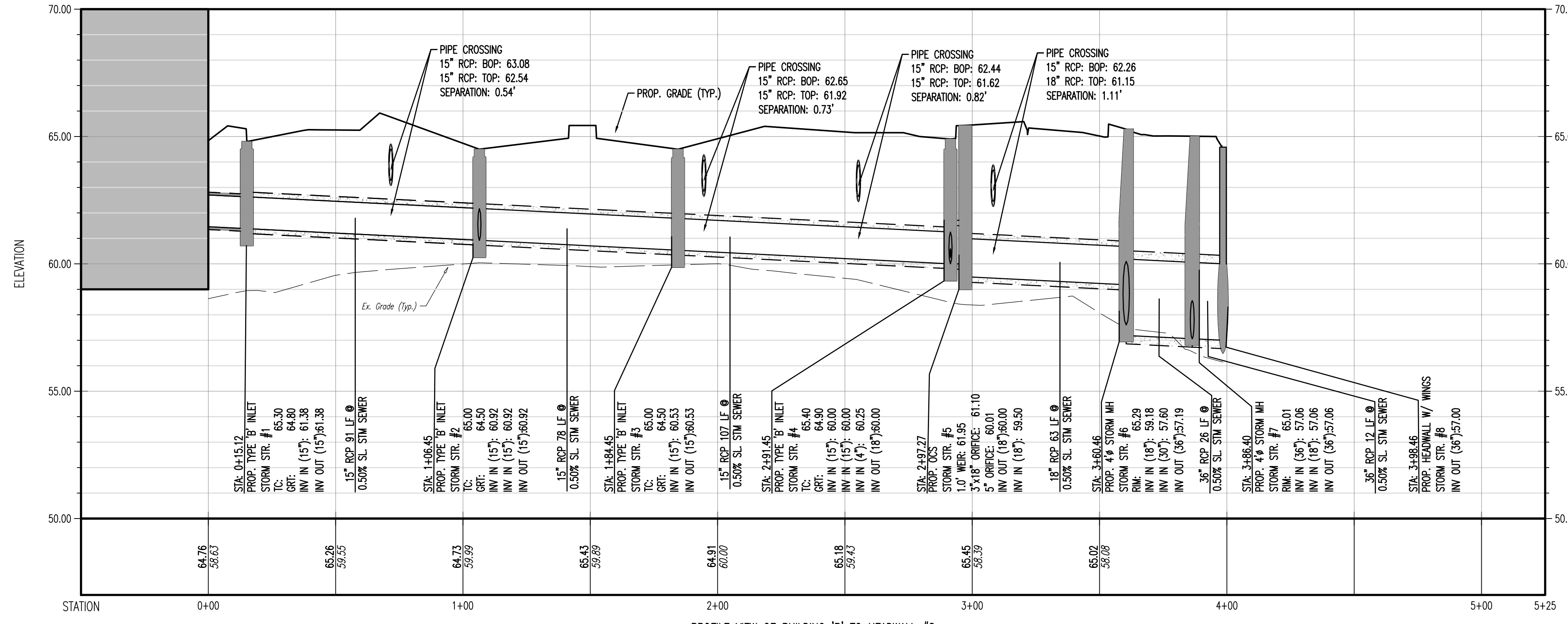
PROFESSIONAL ENGINEER THOMAS J. MULLER (NEW JERSEY LICENSE No. 52179)

Plotted: 12/09/22 - 2:26 PM, By: gowardick, Product Ver: 24.1s (LMS Tech)  
 File: P:\proj\1279-99-010\development\_group\39-010\lawrence\dwg\Site\Plan\0127999010SC3.dwg, ---> 07 DRAINAGE PLAN

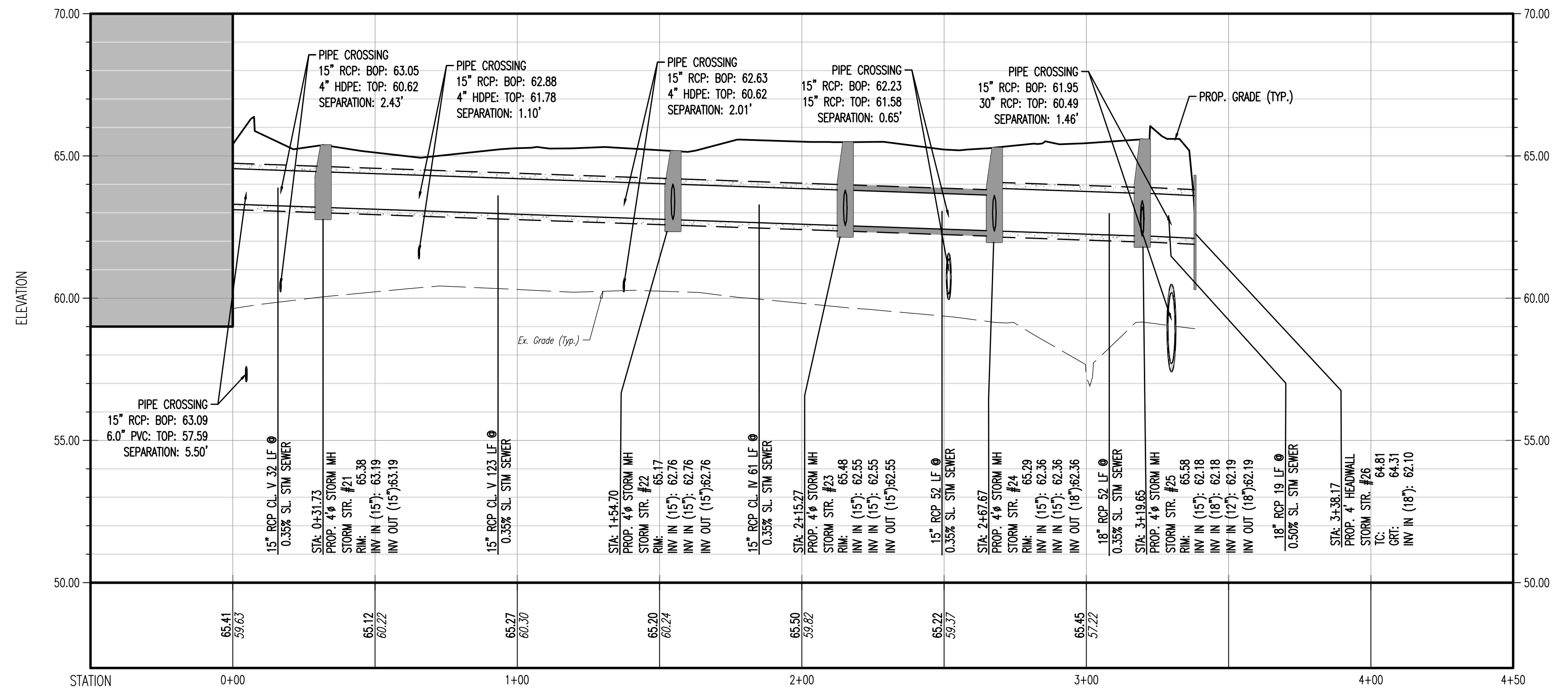




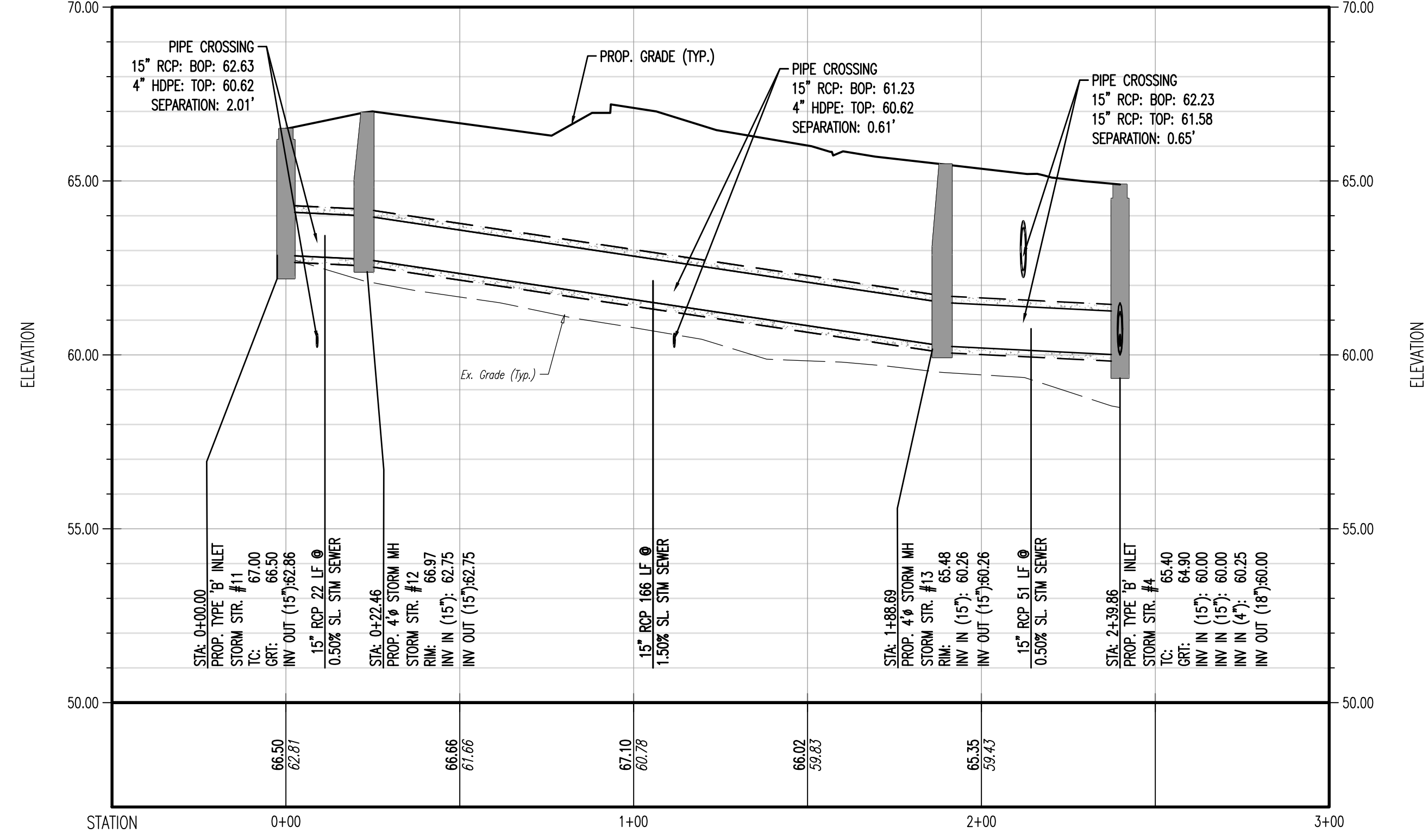
Plotted: 12/09/22 - 2:27 PM, By: gowdrick, Product Ver: 24.1s (LMS Tech)  
 File: P:\sepc projects\1279 rpm development\_group\99-010 lawrence\dwg\Site Plans\127999010SP3.dwg, ---> 09 STORM SEWER PROFILES



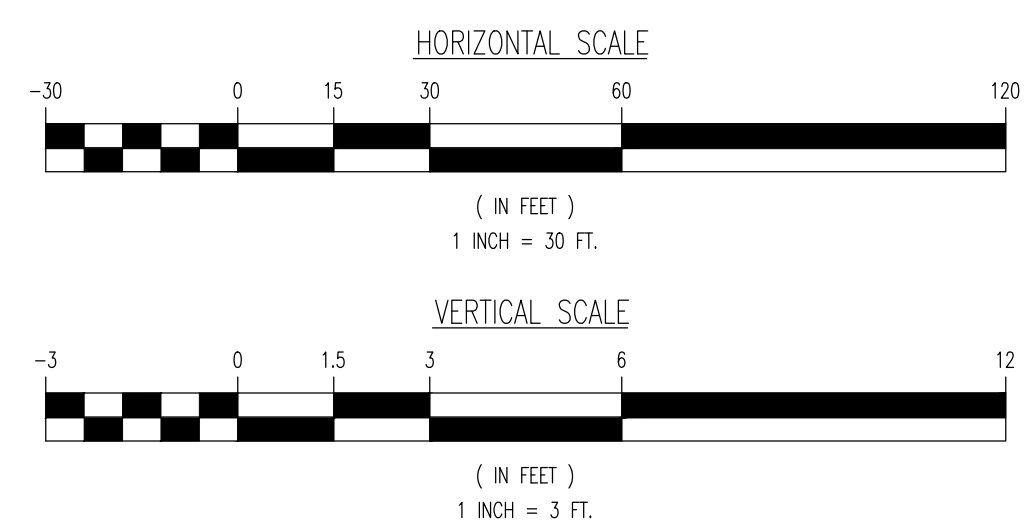
PROFILE VIEW OF BUILDING 'B' TO HEADWALL #8  
 HORIZONTAL SCALE: 1"=30'  
 VERTICAL SCALE: 1"=3'



PROFILE VIEW OF BUILDING 'B' TO HEADWALL #26  
 HORIZONTAL SCALE: 1"=30'  
 VERTICAL SCALE: 1"=3'



PROFILE VIEW OF B INLET #11 TO B INLET #4  
 HORIZONTAL SCALE: 1"=30'  
 VERTICAL SCALE: 1"=3'



Rev.	Date	Comments	By
3	12/09/22	REV. PER TOWNSHIP COMMENTS	CNC
2	11/16/20	REV. PER TOWNSHIP COMMENTS	CNC
1	10/07/20	REV. PER TOWNSHIP COMMENTS	CNC

THIS PLAN SET IS FOR PERMITTING PURPOSES ONLY AND MAY NOT BE USED FOR CONSTRUCTION

**DYNAMIC ENGINEERING**  
 LAND DEVELOPMENT CONSULTING • PERMITTING • GEOTECHNICAL • ENVIRONMENTAL • SURVEY • PLANNING & ZONING

1904 Main Street  
 Lake Como, NJ 07719  
 T: 732.974.0198  
 F: 732.974.3521  
 www.dynamiceng.com

PROJECT: **RPM DEVELOPMENT, LLC**  
**PROPOSED RESIDENTIAL DEVELOPMENT**  
 BLOCK 2001, LOT 2.02  
 2495 BRUNSWICK PIKE (A.K.A. ALT ROUTE 1)  
 TOWNSHIP OF LAWRENCE, MERCER COUNTY, NEW JERSEY

TITLE: **STORM SEWER PROFILES**

JOB No: 1279-99-010 DATE: 04/15/2020  
 DRAWN BY: ALPH SCALE: (H) 1"=30'  
 DESIGNED BY: LPG (V) 1"=3"  
 CHECKED BY: TJM SHEET No:  
 CHECKED BY: -

**JOHN A. PALUS** **THOMAS J. MULLER**  
 PROFESSIONAL ENGINEER PROFESSIONAL ENGINEER  
 NEW JERSEY LICENSE No. 41975 NEW JERSEY LICENSE No. 52179

**811 PROTECT YOURSELF**  
 ALL UTILITIES REQUIRE NOTIFICATION BY  
 CALLING 811 PRIOR TO ANY DIGGING  
 OPERATIONS. IF YOU ARE  
 PREPARING TO EXCAVATE THE EARTH'S  
 SURFACE, CALL 811 AT LEAST 48 HOURS  
 BEFORE YOU BEGIN.

FOR STATE SPECIFICATIONS VISIT: WWW.CALL811.COM

Rev. # 3



**LANDSCAPING REQUIREMENTS**

- LANDSCAPING REQUIREMENTS
  - LANDSCAPING SHALL BE CONSIDERED HOLISTICALLY AND BE DESIGNED TO ACHIEVE A THOROUGH INTEGRATION OF THE VARIOUS ELEMENTS OF SITE DESIGN, INCLUDING BUILDING AND PARKING PLACEMENT, THE NATURAL FEATURES OF THE SITE AND THE PRESERVATION OF PLEASANT OR AESTHETIC VIEWS. LANDSCAPING SHALL BE DESIGNED TO ENHANCE AND COMPLEMENT THE FORM AND TYPE OF BUILDING PROPOSED (§ 525.B.1).
  - IN THE LANDSCAPE DESIGN OF THE SITE, THE REPLACEMENT OF REMOVED EXISTING TREES AND THE REPLACEMENT OF TREES CLEARED FROM THE SITE (§ 525.B.2).
  - LANDSCAPING SHALL BE LOCATED TO PROVIDE EFFECTIVE CLIMATIC CONTROL. THE EAST AND WEST WALLS OF A BUILDING SHOULD BE THE MOST HEAVILY VEGETATED TO SHADE FOR SUMMER SUN AND THE NORTH AND NORTHWEST AREA FOR WINTER PREVAILING WINDS. THE SOUTHERLY FACING SIDE OF A BUILDING SHOULD BE SHADED FROM SUMMER SUN BUT OPEN FOR SOLAR GAIN DURING THE WINTER (§ 525.B.3).
  - PLANT'S SUSCEPTIBILITY TO DISEASE, THEIR COLORS, TEXTURES, SHAPES, BLOSSOMS, AND FOLIAGE CHARACTERISTICS SHALL BE CONSIDERED IN THE OVERALL DESIGN OF A LANDSCAPE PLAN (§ 525.B.4).
  - LOCAL SOIL CONDITIONS AND WATER AVAILABILITY SHALL BE CONSIDERED IN THE CHOICE OF LANDSCAPING (§ 525.B.5).
  - IN THE DESIGN PROCESS, THE EVENTUAL MATURITY OF THE PLANT SHALL BE CONSIDERED FOR ITS EFFECT ON CIRCULATION PATTERNS, SOLAR ACCESS, SITE LIGHTING, DRAINAGE, EMERGENCY ACCESS AND RELATIONSHIP TO BUILDINGS AND THE STREETSCAPE (§ 525.B.6).
  - TOPSOIL MOVED DURING THE COURSE OF CONSTRUCTION SHALL BE REDISTRIBUTED ON ALL REGRADED SURFACES SO AS TO PROVIDE AT LEAST 4 INCHES OF EVEN COVER TO ALL DISTURBED AREAS OF THE DEVELOPMENT AND SHALL BE STABILIZED BY SEEDING OR PLANTING (§ 525.N.1).
  - ALL STUMPS AND OTHER TREE REMAINS, LITTER, SCRAP WEEDS, EXCESS OR SCRAP BUILDING MATERIALS, OR OTHER DEBRIS SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN ACCORDANCE WITH NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION REGULATIONS. NO TREE STUMPS, PORTIONS OF TREE TRUNKS OR LIMBS SHALL BE BURIED ANYWHERE IN THE DEVELOPMENT. ALL DEAD OR DYING TREES, STANDING OR FALLEN, SHALL BE REMOVED FROM THE SITE. TREES AND LIMBS ARE REDUCED TO CHIPS. THEY MAY BE SUBJECT TO APPROVAL OF THE MUNICIPAL ENGINEER. BE USED AS MULCH IN LANDSCAPED AREAS, PROVIDED THEY HAVE BEEN PROPERLY COMPOSTED (§ 525.N.2).
  - MAXIMUM EFFORT SHOULD BE MADE TO SAVE SPECIES PLANTS. NO MATERIAL OR TEMPORARY SOIL DEPOSITS SHALL BE PLACED WITHIN 4 FEET OF SHRUBS OR 10 FEET OF TREES DESIGNATED TO BE RETAINED ON THE PRELIMINARY AND/OR FINAL PLAN (§ 525.N.3).
  - LANDSCAPING OF THE AREA OF ALL CUTS AND FILLS AND/OR TERRACES SHALL BE SUFFICIENT TO PREVENT EROSION, AND ALL ROADWAY SLOPES STEEPER THAN 3:1 SHALL BE PLANTED WITH GRASS COVERS APPROPRIATE FOR THE PURPOSE AND SOIL CONDITIONS, WATER AVAILABILITY, AND ENVIRONMENT (§ 525.N.4).
- STREET TREES REQUIREMENTS
  - TREES SHALL BE SPACED EVENLY ALONG THE STREET BETWEEN THE CURB AND SIDEWALK (§ 525.C.1).
  - WHERE THE DISTANCE BETWEEN THE CURB AND SIDEWALK IS LESS THAN 9 FEET, SIDEWALKS SHOULD BE PLACED IN A PUBLIC ACCESS EASEMENT OUTSIDE OF THE RIGHT-OF-WAY TO CREATE A PLANTING STRIP AT LEAST 5 FEET WIDE TO FACILITATE STREET TREE GROWTH (§ 525.C.1).
  - WHEN TREES ARE PLANTED AT PREDETERMINED INTERVALS ALONG STREETS, SPACING SHALL DEPEND ON TREE SIZE (§ 525.C.2).
    - FOR LARGE TREES (45'-1'), THE PLANTING INTERVAL SHALL BE FORTY (40) FEET.
    - FOR MEDIUM-SIZED TREES (30'-45'), THE PLANTING INTERVAL SHALL BE THIRTY (30) FEET.
    - FOR SMALL TREES (UP TO 30'), THE PLANTING INTERVAL SHALL BE TWENTY (20) FEET.
  - TREE TYPE MAY VARY DEPENDING ON OVERALL EFFECT DESIRED BUT AS A GENERAL RULE, ALL TREES SHALL BE LARGE DECIDUOUS TREES EXCEPT AS NEEDED TO ACHIEVE SPECIAL EFFECTS (§ 525.C.3).
  - ALL TREES SHALL HAVE A MINIMUM CALIPER AS NOTED IN THE APPROPRIATE TABLE IN THIS SECTION UNLESS OTHERWISE EXEMPTED. STREET TREES SHALL BE SUBSTANTIALLY UNIFORM IN SIZE AND SHAPE, AND HAVE STRAIGHT TRUNKS. PROVISION SHALL BE MADE BY THE DEVELOPER FOR REGULAR WATERING AND MAINTENANCE UNTIL THEY ARE ESTABLISHED. DEAD OR DYING TREES SHALL BE REPLACED BY THE DEVELOPER DURING THE NEXT SUITABLE PLANTING SEASON (§ 525.C.4).
- LANDSCAPE BUFFERS REQUIREMENTS
  - LANDSCAPE BUFFERS SHALL CONSIST OF A COMBINATION OF DECIDUOUS TREES, CONIFERS, SHRUBS, HERBS, AND IF APPROPRIATE, FENCES OR WALLS IN SUFFICIENT QUANTITIES AND TYPES TO PERFORM THEIR NECESSARY SCREENING FUNCTION (§ 525.H.1.a).
  - BUFFERS MAY BE INSTALLED IN REQUIRED YARD AREAS EXCEPT FOR REVERSE FRONTAGE BUFFERS WHERE THEY SHALL BE IN ADDITION TO THE REQUIRED YARD AREA (§ 525.H.1.b).
  - BUFFERS SHALL BE CONTINUOUS EXCEPT FOR ACCESS DRIVES AS APPROVED BY THE BOARD. STORM WATER MANAGEMENT FACILITIES, PARKING, DUMPSTER ENCLOSURES, ACCESSORY BUILDING OR ABOVE GROUND STRUCTURES, AND SIMILAR ENCROACHMENTS SHALL NOT BE PERMITTED IN THE REQUIRED BUFFER AREA (§ 525.H.1.c).
  - THE MINIMUM WIDTH OF A LANDSCAPE BUFFER SHALL BE DEPENDENT ON THE PROPOSED USE OF A PROPERTY AND THE LAND USES ADJACENT TO IT IN ACCORDANCE WITH TABLE 5.10. (§ 525.H.1.d).
  - ANY BUFFER 15 FEET OR LESS IN WIDTH SHALL INCORPORATE A FENCE OR WALL INTO THE LANDSCAPE DESIGN. THE FENCE OR WALL SHALL BE LOCATED ON THE SIDE OF THE BUFFER WITH THE MOST INTENSE USE (§ 525.H.2.a).
  - EXISTING VEGETATION MAY SUBSTITUTE FOR ALL OR PART OF THE REQUIRED BUFFER PLANTINGS AND MAY BE ACCEPTED IN LIEU OF NEW PLANTINGS AT THE DISCRETION OF THE BOARD (§ 525.H.3).
  - A LANDSCAPE BUFFER OF 25 FEET IN WIDTH SHALL BE PROVIDED IN ACCORDANCE WITH TABLE 5.10. (525.H.4.a)
  - THE PRESERVATION OF EXISTING TREES IN EXCESS OF 8 INCHES IS ENCOURAGED, WHERE EXISTING UNDERSTORY SCREENING DOES NOT BLOCK AT LEAST 60% OF THE VIEW FROM THE STREET. SUPPLEMENTAL SHADE TOLERANT PLANTINGS, EVERGREEN AND ORNAMENTAL TREES SHALL BE INSTALLED TO COMPLETE SCREENING OF RESIDENCES. SIDEWALKS SHALL BE DESIGNED TO AVOID MATURE PLANTINGS EVEN IF A PUBLIC ACCESS EASEMENT IS NECESSARY (§ 525.H.4.b).
- STORMWATER FACILITIES REQUIREMENTS
  - STORMWATER MANAGEMENT FACILITIES INCLUDING RETENTION AND DETENTION BASINS, DRAINAGE DITCHES AND SWALES, AND WETLAND AREAS SHALL BE LANDSCAPED IN ACCORDANCE WITH THE STANDARDS IN THIS SUBSECTION. THE SCREENING OF OUTFALL STRUCTURES AND EMERGENCY SPILLWAYS FROM PUBLIC VIEW IS OF PARTICULAR IMPORTANCE IN THE LANDSCAPE DESIGN. THIS MAY INVOLVE INTEGRATION OF THESE AREAS AS AESTHETIC LANDSCAPE FEATURES, NATURALIZED WETLAND AREAS, OR ACTIVE AND PASSIVE RECREATION AREAS. IN ADDITION TO THEIR STORMWATER MANAGEMENT FUNCTION, DETENTION AND RETENTION BASINS SHOULD BE LOCATED IN CLEARED AREAS WHERE REASONABLY FEASIBLE (§ 525.J.1).
  - BASINS DESIGNED AS NATURALIZED WETLAND AREAS SHALL BE PLANTED WITH A QUANTITY OF TREES EQUAL TO THE NUMBER NECESSARY TO COVER THE ENTIRE AREA OF THE INTERIOR OF THE BASIN TO THE EMERGENCY SPILLWAY ELEVATION AT A RATE OF ONE TREE PER 400 SQUARE FEET, NOTWITHSTANDING THE MINIMUM PLANTING SIZE AS OTHERWISE REQUIRED IN THIS SECTION. OF THIS NUMBER, 10% SHALL BE 7'-2.5" CALIPER, 20% SHALL BE 1.5" TO 2" CALIPER, AND 70% SHALL BE 6-8" HEIGHT WHIPS. TREES SHALL BE PLANTED IN GROVES AND SPACED 5 FEET TO 15 FEET ON-CENTER (§ 525.J.1.a(1)).
  - BASINS DESIGNED TO FUNCTION AS SWIF BASINS SHALL BE PLANTED WITH TREES IN AREAS OF THE INTERIOR OF THE BASIN WHERE THERE WILL NOT BE INTERFERENCE WITH THE MAINTENANCE OF THE BASIN AND LOW FLOW CHANNEL (§ 525.J.1.a(2)).
  - THE GROUND SHOULD BE SEEDING WITH A WILDFLOWER OR WET MEADOW GRASS MIX BUT IN CERTAIN CIRCUMSTANCES MAY REQUIRE SOO OR HYDROSEEDING TO STABILIZE THE BASIN SLOPES (§ 525.J.1.b).
  - ALL PLANTS SHALL BE TOLERANT OF TYPICAL FLOOD PLAIN AND WETLAND CONDITIONS (§ 525.J.1.c).
  - PLANTING OTHER THAN WILDFLOWERS AND GRASSES SHALL NOT BE LOCATED WITHIN 10 FEET OF LOW FLOW CHANNELS TO FACILITATE DRAINAGE (§ 525.J.1.d).
  - IF STORMWATER AREA COULETS BREAK THE HIGH WATER LEVEL SHALL INCLUDE SHARP TREES AT A RATE OF 60/1000 LINEAR FEET. EVERGREEN TREES AT A RATE OF 30/1000 LINEAR FEET AND SUFFICIENT ORNAMENTAL TREES AND SHRUBS TO SCREEN DRAINAGE STRUCTURES AND CREATE VISUAL INTEREST. TREES SHOULD BE GROUPED IN CONCORD WITH THE GROUPING OF TREES IN THE INTERIOR OF THE BASIN (§ 525.J.1.e).
  - WHERE BASINS ARE REQUIRED TO BE LOCATED IN EXISTING WOODED AREAS BECAUSE OF EXISTING TOPOGRAPHICAL CONSTRAINTS, ISLANDS OF EXISTING VEGETATION SHOULD BE RETAINED. IF THE EXISTING VEGETATION IS RETAINED, THE NEW PLANTINGS REQUIREMENT SHALL BE CORRESPONDINGLY REDUCED (§ 525.J.1.f).
  - PROVISIONS FOR EMERGENCY ACCESS AS WELL AS GENERAL MAINTENANCE OF THE BASINS SHALL BE REVIEWED BY THE BOARD OF JURISDICTION. PLANTINGS SHALL BE DESIGNED TO DISGUISE YET NOT HINDER VEHICULAR ACCESS (§ 525.J.1.g).
  - PLANTINGS SHALL NOT BE PERMITTED UPON ANY BERM ASSOCIATED WITH A DETENTION BASIN UNLESS APPROVED BY THE MUNICIPAL ENGINEER (§ 525.J.1.h).
- STORMWATER RETENTION FACILITY LANDSCAPING
  - THE PLANTING OF THE PERIMETER OF THE WATER'S EDGE SHALL ACCENTUATE VIEWS OF THE WATER AND TO THE EXTENT FEASIBLE INTEGRATE PEDESTRIAN PATHS, SITTING AREAS, AND OTHER PASSIVE RECREATIONAL USES. PLANTINGS SHALL INCLUDE FORMAL OR INFORMALLY MASSED DECIDUOUS AND EVERGREEN TREES AND SHRUBS TO SCREEN AND FRAME VIEWS WITH ORNAMENTAL TREES, SHRUBS AND GRASSES USED FOR VISUAL INTEREST OR SPECIAL EFFECTS. A CONTINUOUS LANDSCAPE AREA SHALL BE PROVIDED (§ 525.J.2.a).
  - THE WATER'S EDGE SHALL BE EASILY MAINTAINED AND SHALL BE STABILIZED. METHODS OF PROVIDING WATER EDGE STABILIZATION MAY INCLUDE RIP-RAP, STONE WALLS, NATURAL PLANTINGS, LOGGING AND BULKHEADS (§ 525.J.2.b).
  - IF RETENTION FACILITIES ARE USED AS A RECREATIONAL AMENITY, PEDESTRIAN ACCESS TO THE WATER SHALL BE CONTROLLED (§ 525.J.2.c).
- ALL BASIN STRUCTURES SHALL BE DESIGNED TO BLEND INTO THE LANDSCAPE IN TERMS OF CONSTRUCTION MATERIALS, COLOR, GRADING AND PLANTING (§ 525.J.3).

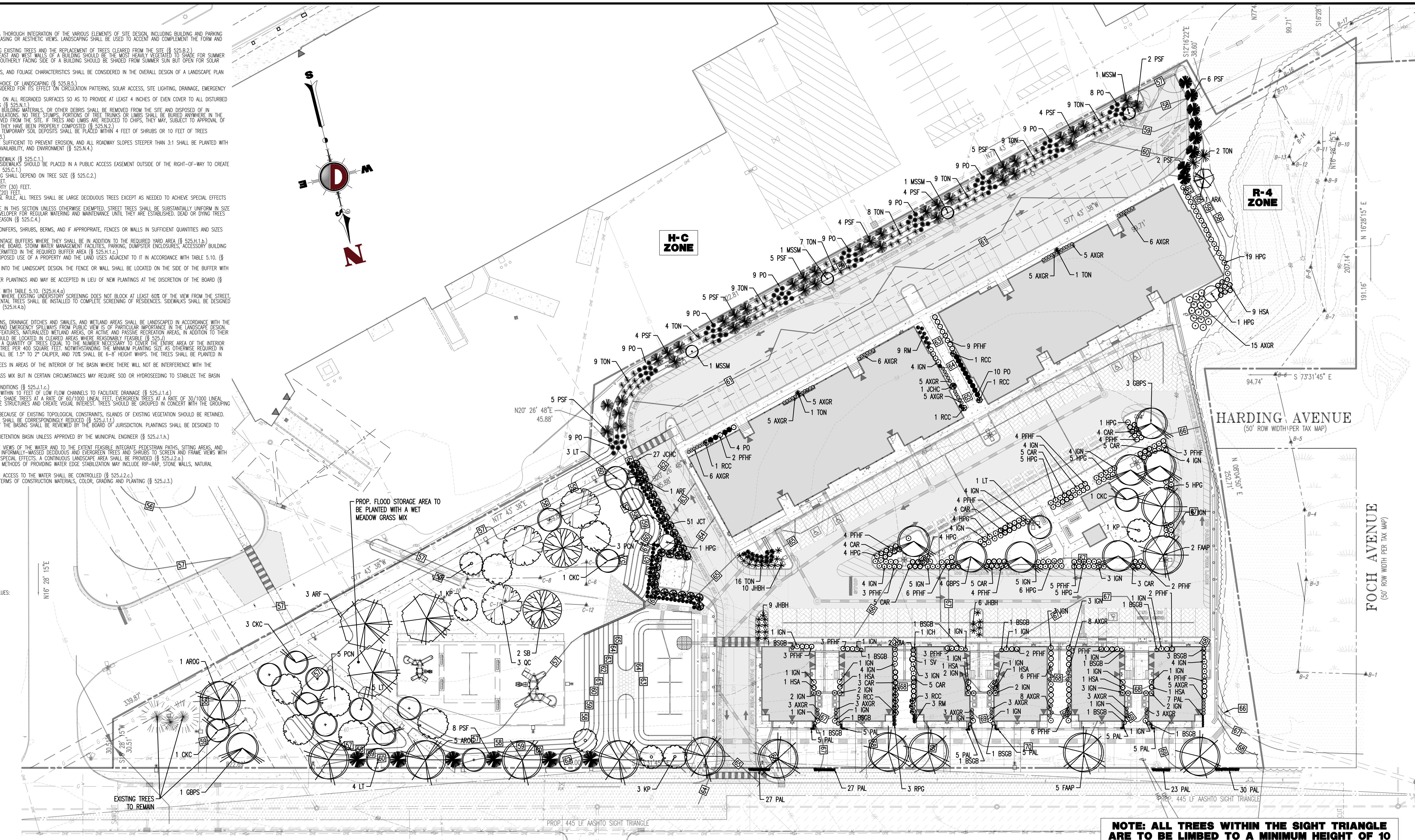
**TREE REPLACEMENT DENSITY CALCULATION**

- REQUIRED TREE DENSITY: (170,590 SF) \* (15 TREES/43,560 SF) = 59 REQUIRED TREE DENSITY (RTD)
- EXISTING TREE DENSITY:
  - 14" DECIDUOUS (1.1 DENSITY UNITS EACH)
  - 2" CONIFEROUS (0.6 DENSITY UNITS EACH)
  - 1" CONIFEROUS (0.6 DENSITY UNITS EACH)
- CONVERTING THE CALIPER TO EXISTING TREE DENSITY UNITS YIELDS THE FOLLOWING VALUES:
 

1" - 14" TREES	(1.1 UNITS/TREE) = 1.1 ETD
12" - 15" TREES	(1.0 UNITS/TREE) = 1.0 ETD
1" - 10" CONIFEROUS	(0.6 UNITS/TREE) = 0.6 ETD
TOTAL EXISTING TREE DENSITY	= 5.7 ETD
- REPLACEMENT TREE CALCULATION: 59 (RTD) - 5.7 (ETD) = 53.3 REPLACEMENT TREE UNITS REQUIRED
- PROPOSED REPLACEMENT TREES:
 

40 - 3" DECIDUOUS TREES (0.6 DENSITY UNITS EACH)	= 24.0 DENSITY UNITS
9 - 2" DECIDUOUS TREES (0.5 DENSITY UNITS EACH)	= 4.5 DENSITY UNITS
16 - 6-10" PRUNING WHITE PINE (1.1 DENSITY UNITS EACH)	= 17.6 DENSITY UNITS
TOTAL REPLACEMENT TREE UNITS	= 53.3 DENSITY UNITS
- CONVERTING THE CALIPER TO TREE DENSITY UNITS YIELDS THE FOLLOWING VALUES:
 

40 - 3" TREES	(0.6 UNITS/TREE) = 24.0 DENSITY UNITS
12" - 15" TREES	(1.0 UNITS/TREE) = 10.0 DENSITY UNITS
1" - 10" CONIFEROUS	(0.6 UNITS/TREE) = 9.3 DENSITY UNITS
TOTAL REPLACEMENT TREE UNITS	= 53.3 DENSITY UNITS

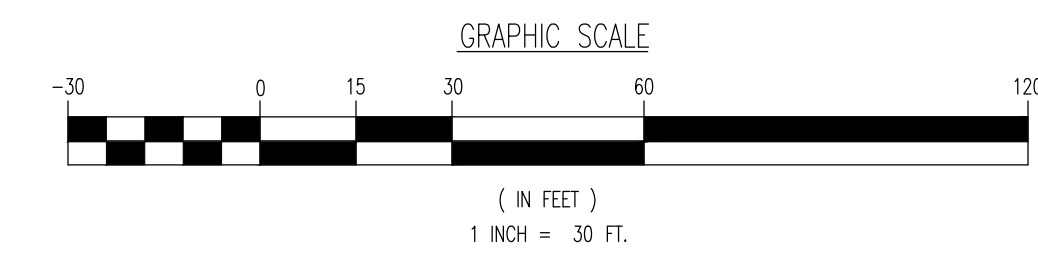


**NOTE: ALL TREES WITHIN THE SIGHT TRIANGLE ARE TO BE LIMBED TO A MINIMUM HEIGHT OF 10 FEET. GROUND VEGETATION IS TO BE KEPT PRUNED TO A HEIGHT NOT EXCEEDING 30"**

**LANDSCAPE SCHEDULE**

KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS	KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
<b>SHADE TREE(S)</b>											
ARF	5	ACER RUBRUM 'FRANKSRED'	RED SUNSET MAPLE	2 1/2-3" CAL.	B+B	EVERGREEN SHRUB(S)					
AROG	6	ACER RUBRUM 'OCTOBER GLORY'	OCTOBER GLORY RED MAPLE	2 1/2-3" CAL.	B+B	AXGR	102	ABELIA X GRANDIFLORA 'RADIANCE'	RADIANCE AELIA	24-30"	#3 CAN
FAMP	7	FRAXINUS AMERICANA 'AUTUMN PURPLE'	AUTUMN PURPLE ASH	2 1/2-3" CAL.	B+B	BSBG	15	BUNUS SEMPERVIRENS 'GRANHAM ISLANDY'	GRANHAM BLANDY BOWWOOD	36-42"	#3 CAN
GBPS	8	GINKGO BILBOA 'PRINCETON CENTURY' (MALE ONLY)	PRINCETON CENTURY BRANO GINKGO	2 1/2-3" CAL.	B+B	ICH	1	ILEX CREMATA 'YELLOW'	HELLER JAPANESE HOLLY	15-18"	#3 CAN
LT	12	LIRIODENDRON TULIPIFERA	TULIP POPLAR	2 1/2-3" CAL.	B+B	IGN	95	ILEX GLABRA X 'CHAMZIN'	NORDIC INKBERY	24-30"	#3 CAN
SB	2	SALIX BABYLONICA	BAByLON WEEPING WILLOW	2 1/2-3" CAL.	B+B	JCHC	28	JUNIPERUS CHINENSIS 'HETZ COLUMNARIS'	COLUMNAR HETZ JUNIPER	4-5"	B+B
OC	3	QUERCUS COCCONEA	SCARLET OAK	2 1/2-3" CAL.	B+B	JCT	53	JUNIPERUS CHINENSIS 'TORULOSA'	HOLLYWOOD JUNIPER	3-4"	B+B
						RCC	12	RHODODENDRON CATAWBIENSE 'CHIRONIDES'	CHINODES RHODODENDRON	24-30"	B+B
						RM	15	RHODODENDRON MAXIMUM 'ROSEBAY'	ROSEBAY RHODODENDRON	4-5"	B+B
						TON	84	THUJA OCCIDENTALIS 'NIGRA'	DARK AMERICAN ARBORVITAE	5-6"	B+B
<b>ORNAMENTAL TREE(S)</b>											
CXC	6	CORNUS KOUSA CHINENSIS	CHINESE DOGWOOD	8-10"	B+B						
KP	6	KOELREUTERIA PLANICULATA	GOLDEN RAIN TREE	8-10"	B+B						
MSSM	4	MAGNOLIA STELLATA	STAR MAGNOLIA	4-5"	B+B						
PCN	24	PRUNUS CERASIFERA 'NEWPORT'	NEWPORT FLOWERING PLUM	2-2 1/2" CAL.	B+B						
<b>EVERGREEN TREE(S)</b>											
PO	103	PICEA OMORICA	SERBIAN SPRUCE	6-7"	B+B						
PSF	53	PINUS STROBUS 'FASTIGIATA'	PYRAMIDAL WHITE PINE	8-10"	B+B						
<b>GROUND COVER</b>											
JHBH	35	JUNIPERUS HORIZONTALIS 'BAR HARBOR'	BAR HARBOR CREEPING JUNIPER	15-18" SPRD.	#3 CAN						
<b>ORNAMENTAL GRASS(S)</b>											
PAL	145	PENNISETUM ALPOCOCCURIENSIS 'LITTLE BUNNY'	LITTLE BUNNY FOUNTAIN GRASS	2 GAL.	CONTAINER						

NOTE: IF ANY DISCREPANCIES OCCUR BETWEEN AMOUNTS SHOWN IN THE PLAN AND THE PLANT LIST, THE PLAN SHALL DICATE.



**DYNAMIC ENGINEERING**  
 LAND DEVELOPMENT CONSULTING • PERMITTING • GEOTECHNICAL • ENVIRONMENTAL • SURVEY • PLANNING & ZONING

1968 Main Street  
 Lake Como, NJ 07719  
 T: 973.974.0198  
 F: 973.974.5521  
 www.dynamiceng.com

**LANDSCAPE PLAN**

PROJECT: **RPM DEVELOPMENT, LLC**  
**PROPOSED RESIDENTIAL DEVELOPMENT**  
 BLOCK 2001, LOT 2, 0.2  
 2495 BRUNSWICK PIKE (A.K.A. ALT ROUTE 1)  
 TOWNSHIP OF LAWRENCE, MERCER COUNTY, NEW JERSEY

JOB NO: 1279-99-010  
 DATE: 04/15/2020  
 DESIGNED BY: GMC  
 SCALE: (H) 1"=30'  
 (V)  
 CHECKED BY: TJM  
 SHEET NO:  
 CHECKED BY: -

**JOHN A. PALUS** **THOMAS J. MULLER**  
 PROFESSIONAL ENGINEER  
 NEW JERSEY LICENSE NO. 91975  
 PROFESSIONAL ENGINEER  
 NEW JERSEY LICENSE NO. 52179

811 PROTECT YOURSELF  
 ALL UTILITIES MUST BE LOCATED BY THE CONTRACTOR OR BY ANOTHER PERSON BEFORE ANY EXCAVATION OR OTHER WORK IS DONE.  
 FOR STATE SPECIFIC DIRECT PHONE NUMBERS VISIT: www.call811.com

Rev. # 3

Product Ver: 24.1.s (LMS Tech)  
 Plotted: 12/09/22 - 2:27 PM, By: gowdrick, group:39-010 lawrence.dwg, Site: Plots\11 LANDSCAPE PLAN  
 File: P:\aepc projects\1279 rpm development\group:39-010 lawrence.dwg, Site: Plots\11 LANDSCAPE PLAN

**GENERAL NOTES**

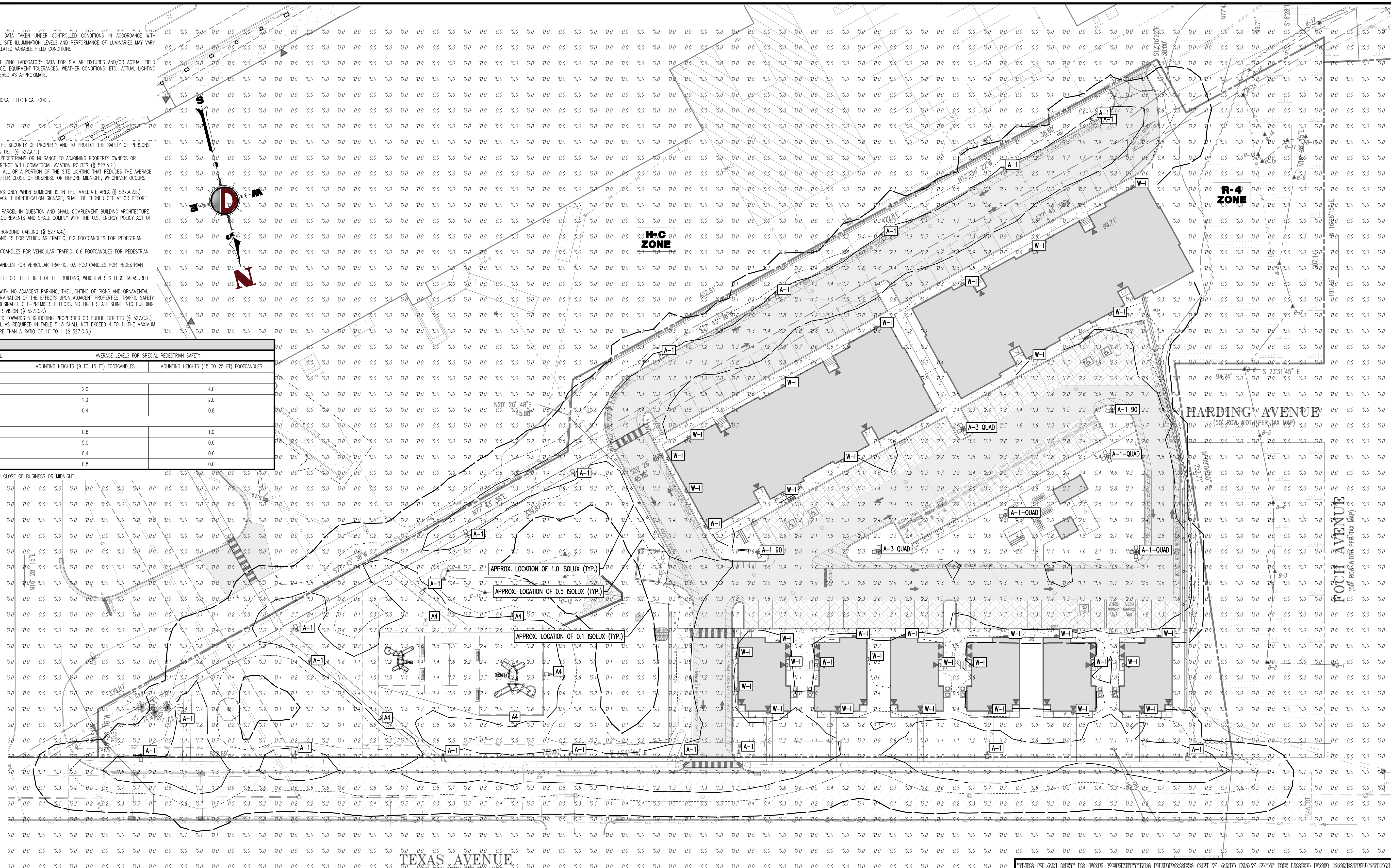
- THIS LIGHTING PLAN ILLUSTRATES ILLUMINATION LEVELS CALCULATED FROM LABORATORY DATA TAKEN UNDER CONTROLLED CONDITIONS IN ACCORDANCE WITH ILLUMINATING ENGINEERING SOCIETY OF NORTH AMERICA (IESNA) APPROVED METHODS. ACTUAL SITE ILLUMINATION LEVELS AND PERFORMANCE OF LUMINAIRES MAY VARY DUE TO VARIATIONS IN WEATHER, ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS, AND OTHER RELATED VARIABLE FIELD CONDITIONS.
- ALL EXISTING CONDITIONS LIGHTING LEVELS ARE REPRESENTATIVE OF AN APPROXIMATION UTILIZING LABORATORY DATA FOR SIMILAR FIXTURES AND/OR ACTUAL FIELD MEASUREMENTS TAKEN WITH A LIGHT METER. DUE TO FACTORS SUCH AS FIXTURE MAINTENANCE, EQUIPMENT TOLERANCES, WEATHER CONDITIONS, ETC., ACTUAL LIGHTING LEVELS MAY DIFFER AND THE LIGHTING LEVELS DEPICTED ON THIS PLAN SHOULD BE CONSIDERED AS APPROXIMATE.
- CONDUITS SHALL BE INSTALLED A MINIMUM OF 2 FEET BEHIND CURB/POSTS.
- ALL WIRING METHODS AND EQUIPMENT CONSTRUCTION SHALL CONFORM TO THE CURRENT NATIONAL ELECTRICAL CODE.
- REFER TO ARCHITECTURAL PLANS FOR LIGHTING DIAGRAM.

**LIGHTING REQUIREMENTS**

- SUFFICIENT LIGHTING SHALL BE PROVIDED ON EACH SITE OR ALONG ROADWAYS TO ENSURE THE SECURITY OF PROPERTY AND TO PROTECT THE SAFETY OF PERSONS BETWEEN THE HOURS OF SUNSET AND SUNRISE WHEN THE ESTABLISHMENT OR FACILITY IS IN USE (§ 527A.1.)
- LIGHTING SHALL BE SO DESIGNED TO AVOID THE CREATION OF HAZARDS TO MOTORISTS AND PEDESTRIANS OR NUISANCE TO ADJOINING PROPERTY OWNERS OR RESIDENTS. LIGHTING DIRECTED TOWARDS THE SKY SHALL BE DESIGNED TO PREVENT INTERFERENCE WITH COMMERCIAL AVIATION ROUTES (§ 527A.2.)
  - SECURITY LIGHTING DESIGN FOR COMMERCIAL DEVELOPMENTS SHALL EMPLOY TIMERS ON ALL OR A PORTION OF THE SITE LIGHTING THAT REDUCES THE AVERAGE ILLUMINATION TO THE MINIMUM REQUIREMENTS OF THIS ORDINANCE WITHIN ONE HOUR AFTER CLOSE OF BUSINESS OR BEFORE MIDNIGHT, WHICHEVER OCCURS EARLIER (§ 527A.2.a.)
  - SAFETY LIGHTING DESIGN SHALL EMPLOY MOTION SENSORS SO THAT ILLUMINATION OCCURS ONLY WHEN SOMEONE IS IN THE IMMEDIATE AREA (§ 527A.2.b.)
  - DISPLAY, ADVERTISING AND SPECIALTY LIGHTING, EXCLUDING INTERIOR ILLUMINATED OR BACKLIT IDENTIFICATION SIGNS, SHALL BE TURNED OFF AT OR BEFORE MIDNIGHT (§ 527A.2.c.)
- LIGHTING LEVELS, LAMP COLOR, AND FIXTURE TYPE SHALL BE CONSISTENT THROUGHOUT THE PARCEL IN QUESTION AND SHALL COMPLEMENT BUILDING ARCHITECTURE AND LANDSCAPING. LIGHTING SHALL BE DESIGNED TO MINIMIZE ENERGY AND MAINTENANCE REQUIREMENTS AND SHALL COMPLY WITH THE U.S. ENERGY POLICY ACT OF 1992 AS IT MAY BE AMENDED OR SUPERSEDED (§ 527A.3.)
- EXTERIOR LIGHTING NOT BUILDING MOUNTED SHALL BE SUPPLIED BY ELECTRICITY FROM UNDERGROUND CABLEING (§ 527A.4.)
- THE MINIMUM ILLUMINATION FOR SURFACE PARKING WITH LOW ACTIVITY SHALL BE 0.5 FOOTCANDLES FOR VEHICULAR TRAFFIC, 0.2 FOOTCANDLES FOR PEDESTRIAN SAFETY, AND 0.5 FOOTCANDLES FOR PEDESTRIAN SECURITY (§ 527A.5.1.)
- THE MINIMUM ILLUMINATION FOR SURFACE PARKING WITH MEDIUM ACTIVITY SHALL BE 1.0 FOOTCANDLES FOR VEHICULAR TRAFFIC, 0.6 FOOTCANDLES FOR PEDESTRIAN SAFETY, AND 2.0 FOOTCANDLES FOR PEDESTRIAN SECURITY (§ 527A.5.2.)
- THE MINIMUM ILLUMINATION FOR SURFACE PARKING WITH HIGH ACTIVITY SHALL BE 2.0 FOOTCANDLES FOR VEHICULAR TRAFFIC, 0.9 FOOTCANDLES FOR PEDESTRIAN SAFETY, AND 4.0 FOOTCANDLES FOR PEDESTRIAN SECURITY (§ 527A.5.3.)
- LIGHTING SHALL BE PROVIDED BY FIXTURES WITH A MOUNTING HEIGHT NOT MORE THAN 25 FEET OR THE HEIGHT OF THE BUILDING, WHICHEVER IS LESS, MEASURED FROM THE GROUND LEVEL TO THE CENTERLINE OF THE LIGHT SOURCE (§ 527C.1.)
- ANY OTHER OUTDOOR LIGHTING SUCH AS BUILDING AND SIDEWALK ILLUMINATION, DRIVEWAYS WITH NO ADJACENT PARKING, THE LIGHTING OF SIGNS AND ORNAMENTAL LIGHTING, SHALL BE SHOWN ON THE LIGHTING PLAN IN SUFFICIENT DETAIL TO ALLOW A DETERMINATION OF THE EFFECTS UPON ADJACENT PROPERTIES, TRAFFIC SAFETY AND OVERHEAD SKY GLOW. THE OBJECTIVES OF THESE SPECIFICATIONS ARE TO MINIMIZE UNDESIRABLE OFF-PREMISES EFFECTS. NO LIGHT SHALL SHINE INTO WINDOWS, OR ONTO STREETS AND DRIVEWAYS SO AS TO INTERFERE WITH OR DISTRACT DRIVER VISION (§ 527C.2.)
- WALL MOUNTED FIXTURES ARE ONLY PERMITTED IF DIRECTED INTO A SITE AND NOT POSITIONED TOWARDS NEIGHBORING PROPERTIES OR PUBLIC STREETS (§ 527C.2.)
- THE RATIO OF AVERAGE ILLUMINATION, MEASURED IN FOOTCANDLES, TO MINIMUM ILLUMINATION, AS REQUIRED IN TABLE 5.1.3 SHALL NOT EXCEED 4 TO 1. THE MAXIMUM ILLUMINATION PROVIDED ON ANY SITE SHALL NOT EXCEED THE MINIMUM ILLUMINATION BY MORE THAN A RATIO OF 10 TO 1 (§ 527C.3.)

WALKWAY AND BIKEWAY CLASSIFICATIONS	MINIMUM AVERAGE LEVEL FOOTCANDLES	AVERAGE LEVELS FOR SPECIAL PEDESTRIAN SAFETY	
		MOUNTING HEIGHTS (9 TO 15 FT) FOOTCANDLES	MOUNTING HEIGHTS (15 TO 25 FT) FOOTCANDLES
SIDEWALKS (ROADSIDE) AND TYPE A BIKEWAYS			
COMMERCIAL AREAS	0.9	2.0	4.0
INTERMEDIATE AREAS	0.6	1.0	2.0
RESIDENTIAL AREAS	0.2	0.4	0.8
SIDEWALKS DISTANT FROM ROADWAYS AND TYPE B BIKEWAYS			
PARK, WALKWAYS AND BIKEWAYS	0.5	0.6	1.0
PEDESTRIAN TUNNELS	4.0	5.0	0.0
PEDESTRIAN OVERPASSES	0.3	0.4	0.0
PEDESTRIAN STAIRWAYS	0.6	0.8	0.0

M. SITE LIGHTING NOT USED FOR SECURITY PURPOSES IS TO BE TURNED OFF ONE HOUR AFTER CLOSE OF BUSINESS OR MIDNIGHT.



**LIGHTING LUMINAIRE SCHEDULE**

SYMBOL	QUANTITY	LABEL	MOUNTING HEIGHT	ARRANGEMENT	MANUFACTURER	IES FILE
☐	3	A-1-QUAD	20 FT	4 @ 90°	PROGRESS LIGHTING, HUBBELL	URB-XXXX-21-241-3K7-2ies
○	34	W-1	20 FT	SINGLE	PROGRESS LIGHTING, HUBBELL	PC0WC-22LED-3ies
○	19	A-1	20 FT	SINGLE	PROGRESS LIGHTING, HUBBELL	URB-XXXX-21-241-27-3K7-2ies
○	2	A-1 90	20 FT	2 @ 90°	PROGRESS LIGHTING, HUBBELL	URB-XXXX-21-241-27-3K7-2ies
○	2	A-3 QUAD	20 FT	4 @ 90°	PROGRESS LIGHTING, HUBBELL	URB-XXXX-21-241-27-3K7-3ies
○	5	A4	20 FT	SINGLE	PROGRESS LIGHTING, HUBBELL	URB-XXXX-21-241-27-3K7-4ies

ISO CURVES ARE MAINTAINED AND SHOWN AT 0.5 AND 0.1 FC.  
 (FM) - FLUSH MOUNT FOUNDATION (PED) - PEDESTAL FOUNDATION  
 THE CALCULATIONS SHOWN WERE MADE UTILIZING ACCEPTED PROCEDURES OF THE ILLUMINATING ENGINEERING SOCIETY OF NORTH AMERICA. VARIATIONS IN LAMP OUTPUT, BALLAST OUTPUT, LINE VOLTAGE, DIRT DEPRECIATION, AND OTHER FACTORS MAY AFFECT ACTUAL RESULTS. UNLESS OTHERWISE STATED, ALL RESULTS ARE MAINTAINED VALUES, UTILIZING ACCEPTED LIGHT LOSS FACTORS (LLF).

**STATISTICAL AREA SUMMARY**

LABEL	AVERAGE	MAXIMUM	MINIMUM	AVG./MIN.	MAX./MIN.
PID	0.57	4.7	0.0	NA	NA
PAVEMENT AREA	1.61	5.5	0.5	3.22	11.00

Plotted: 12/09/22 - 2:27 PM, By: gowardick, Product Ver: 24.1s (LMS Tech), File: P:\proj\1279\_rpm\_development\_group\_99-010\_lowrance\dwg\Site Plans\1279 LIGHTING PLAN

THIS PLAN SET IS FOR PERMITTING PURPOSES ONLY AND MAY NOT BE USED FOR CONSTRUCTION

**DYNAMIC ENGINEERING**  
 LAND DEVELOPMENT CONSULTING • PERMITTING • GEO TECHNICAL • ENVIRONMENTAL • SURVEY • PLANNING & ZONING

1904 Main Street  
 Lake Como, NJ 07719  
 T: 202.974.0198  
 F: 202.974.3521  
 www.dynamiceng.com

JOB No: 1279-99-010  
 DATE: 04/15/2020  
 SCALE: (H) 1"=30'  
 (V) 1"=10'  
 SHEET No: 12  
 OF 24  
 Rev. # 3

**LIGHTING PLAN**

PROJECT: **RPM DEVELOPMENT, LLC**  
**PROPOSED RESIDENTIAL DEVELOPMENT**  
 BLOCK 2001, LOT 2.02  
 2495 BRUNSWICK PIKE (A.K.A. ALT ROUTE 1)  
 TOWNSHIP OF LAWRENCE, MERCER COUNTY, NEW JERSEY

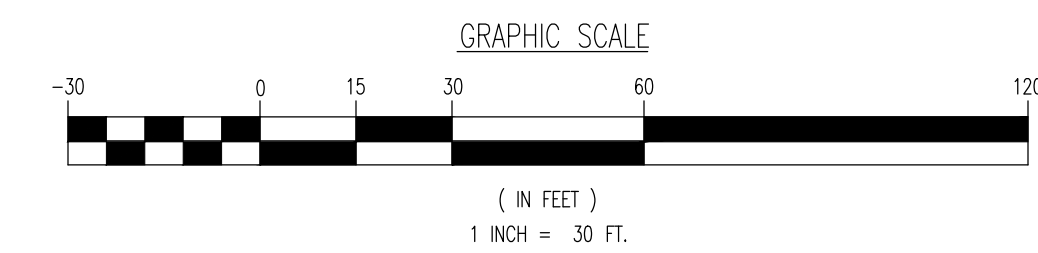
TITLE: \_\_\_\_\_

DESIGNED BY: GMC  
 CHECKED BY: TJM  
 DRAWN BY: LPGA

**JOHN A. PALUS** PROFESSIONAL ENGINEER  
 NEW JERSEY LICENSE No. 41975

**THOMAS J. MULLER** PROFESSIONAL ENGINEER  
 NEW JERSEY LICENSE No. 52179

PROTECT YOURSELF  
 ALL LEVELS REQUIRE VERIFICATION OF  
 ENGINEER'S SIGNATURE. NO OTHER  
 SIGNATURES OR STAMPS ARE PERMITTED.  
 FOR STATE SPECIFIC DIRECT PHONE NUMBERS VISIT  
 WWW.CALL181.COM



**AUSTIN**  
Product Data Sheet



Austin blends modernist inspiration into a new interpretation that's timely as today. The Austin Bench, designed by landscape architect Robert Chipman, is a study in beautiful balance. Inspired by architecture of the 20s and classic modern furniture of the 50s, it expresses familiar themes in thoroughly contemporary forms. Austin balances lightness and substance, is relaxed, yet refined, polished but never boring. The cantilever version is a natural for minimalist spaces, the four-legged version is the best within a range of architectural styles. Composed of metal parts, cast two extrusions create the seat and back in all steel. Austin maintains the details, from its tapered slats to the lovely winged shape of its arm pieces. In aluminum or wood Austin is a high design solution — and a breath of fresh air — for corporate and healthcare courtyards, elite, small scale public plazas, and private retail spaces.

**Seat**

- Austin benches are available in backless or backless, and in a selection of metal and select woods, as well as aluminum extruded boards.
- Unlike cantilever style or freestanding surface mount supports are cast iron.

DETAIL	DEPTH	WIDTH	HEIGHT	PRODUCT WEIGHT
	22"	12"	32"	Alum 118 lb Wood 105 lb
	22"	12"	18"	Alum 88 lb Wood 70 lb
	24"	12"	32"	Alum 125 lb Wood 105 lb
	22"	12"	18"	Alum 88 lb Wood 70 lb

**Arm Options**

- Cantilever arms may be added to both ends, as well as the center position.
- Arms are available for other backless or backless benches.
- All arms are cast aluminum and attached to the seat boards.

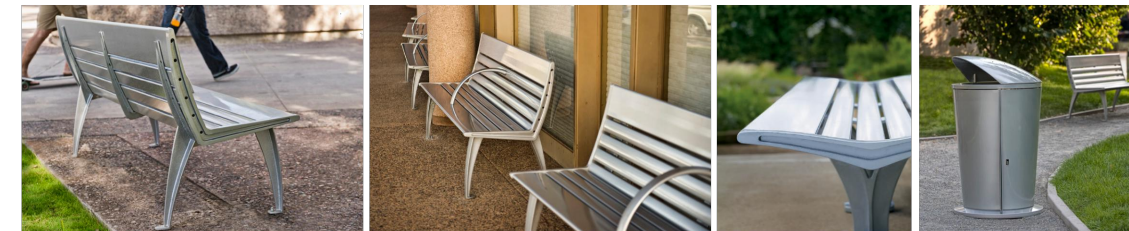
**Mounting Options**

- Austin benches with freestanding surface mount supports ship with glides which may be removed for surface mounting.
- All cantilever supports must be surface mounted into concrete.

landscape forms

landscape forms

**AUSTIN**  
Product Data Sheet



**Litter Receptacles**

- Top and side opening litter are available with or without lock.
- With a 34 gallon capacity, litter can be freestanding or surface mount.
- Manufactured with galvanized steel body panels, cast aluminum top, and cast iron base.
- Litter is finished with exclusive Pergard® powdercoat finish.
- Black polyethylene liner comes standard with litter.
- Stripes with heatsealing glides that remain in place for surface mounting.
- Litter ships fully assembled.

**Finishes**

- All metal is finished with Landscape Forms' proprietary Pergard® polyester powdercoat, a hard yet flexible finish that resists rusting, chipping, peeling, and fading.
- Call for standard color chart.

**To Specify**

- Select top or side-opening litter. Specify with or without lock.
- Select powdercoat color.

Designed by Robert Chipman, ASLA  
Austin design is produced by U.S. Patent Nos. D481,210, D481,211, D482,885, D483,900

DETAIL	DEPTH	WIDTH	HEIGHT	PRODUCT WEIGHT
	24"	12"	30"	112 lb
	24"	12"	42"	188 lb

page 1 of 2

Landscape Forms, Inc. | 800.521.2548 | 7269.381.3455 | 7100 E. Michigan Ave., Kalamazoo, MI 49008

page 2 of 2

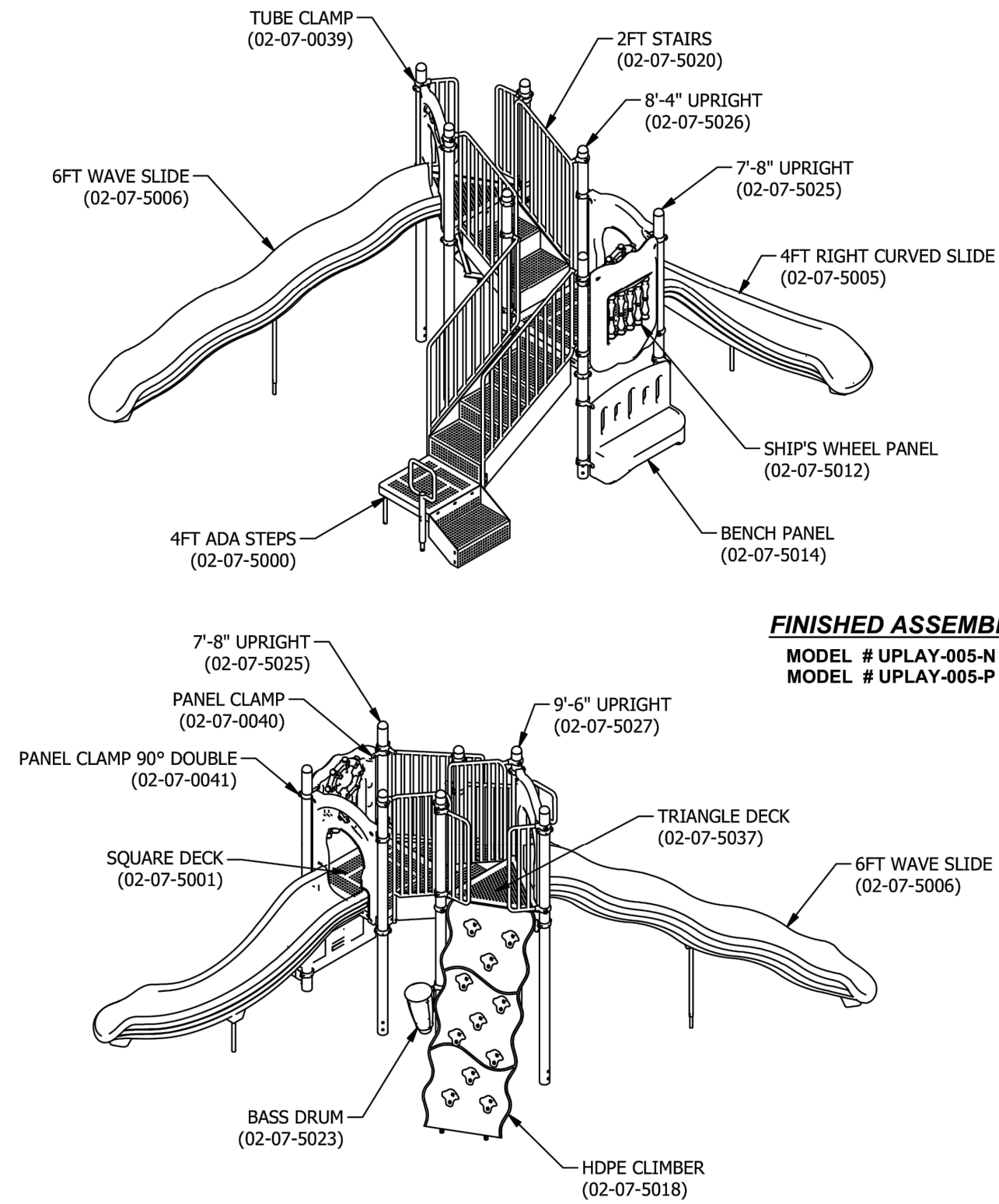
**LANDSCAPEFORMS "AUSTIN" BENCH DETAIL**

NOT TO SCALE



**UPLAY TODAY**

**TIMBER GLEN**



**FINISHED ASSEMBLY**  
MODEL # UPLAY-005-N  
MODEL # UPLAY-005-P

Issued/Revised: 07/17/14

800.458.5872



www.ultraplay.com 27

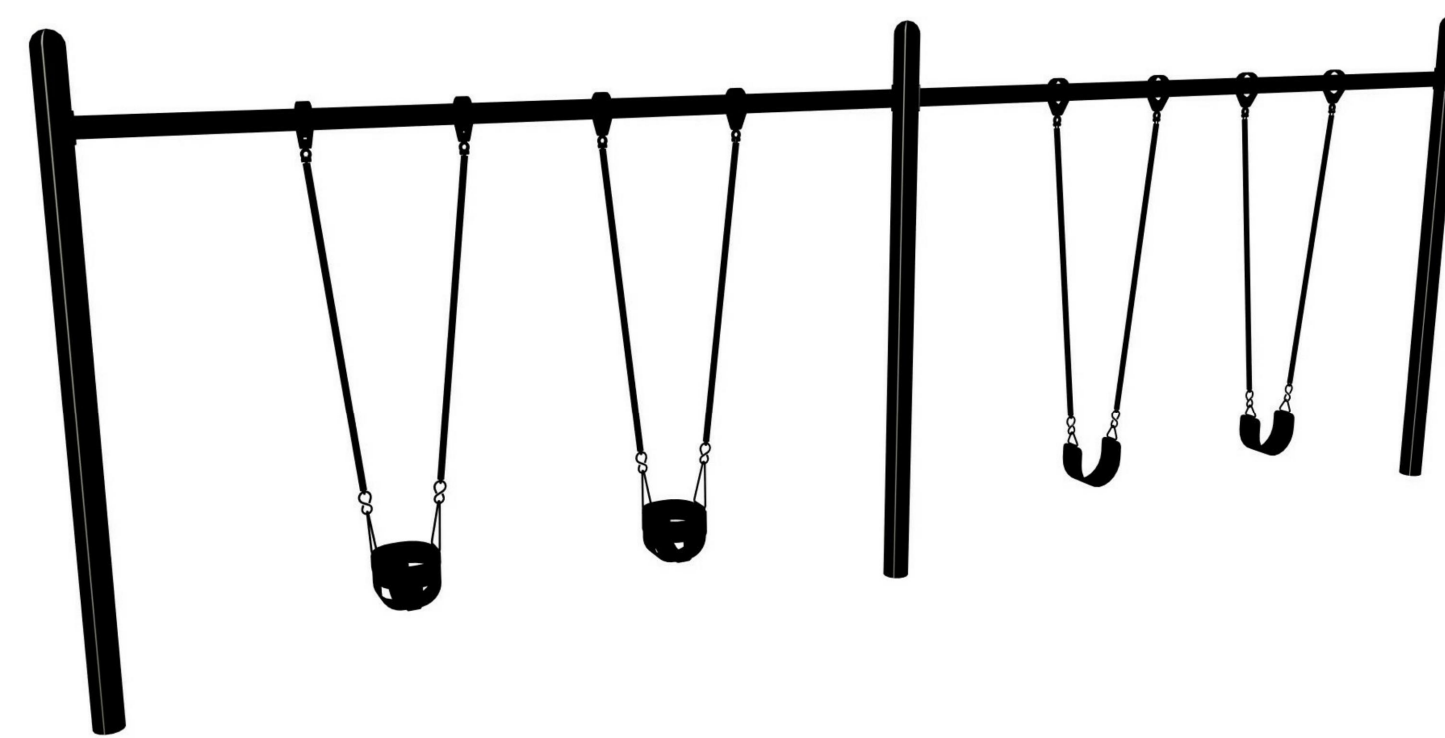


**FIRE LANE STRIPING DETAIL**

NOT TO SCALE



**Double Bay Single Post Swing**



Double Bay Single Post Swing is a swing frame that can hold up to two swing seats per bay. This larger swing frame is the perfect swing set for schools, parks, and other large youth organizations with high traffic. Swing seats are sold separately.

**Features and Benefits:**

- Promotes social interaction and processing sensory information
- Increases spatial awareness and helps develop gross and fine motor skills
- Enhances core strength

Model: 81751  
Use Zone: 37' 3in X 30' 11in  
Fall Height: 8'  
Age Group: 2 to 5 Years  
Age Group: 5 to 12 Years

Limited Lifetime Warranty on uprights, hardware and connections. Visit [gametime.com/warranty](http://gametime.com/warranty) for full warranty information

Designing award-winning playgrounds since 1929.

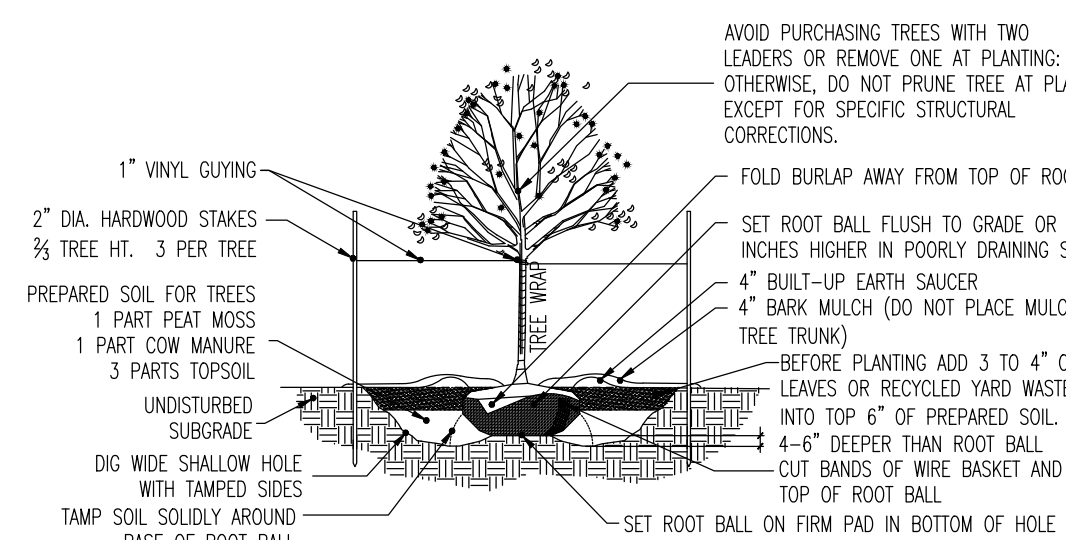
Certified Installer Network - GameTime trained for GameTime playgrounds.

Complies with ASTM standards before it leaves the factory.

**DECIDUOUS AND EVERGREEN SHRUB PLANTING DETAIL**

NOT TO SCALE

- NOTES:**
- NO SOIL OR MULCH SHALL BE PLACED AGAINST ROOT COLLAR OF PLANT.
  - REMOVE ALL ROPE FROM TRUNK & TOP OF ROOT BALL FOLD BURLAP BACK 1/2 FROM TOP ROOT BALL
  - PLANTING DEPTH SHALL BE THE SAME AS GROWN IN NURSERY.
  - AFTER PLANTING AND REGULARLY THROUGHOUT THE FOLLOWING TWO SUMMERS.
  - THE BOTTOM OF PLANTING PIT EXCAVATIONS SHOULD BE ROUGH TO AVOID MATTING OF SOIL LAYERS AS NEW SOIL IS ADDED. IT IS PREFERABLE TO TILL THE FIRST LIFT (2 TO 3 IN.) OF PLANTING SOIL INTO THE SUBSOIL.

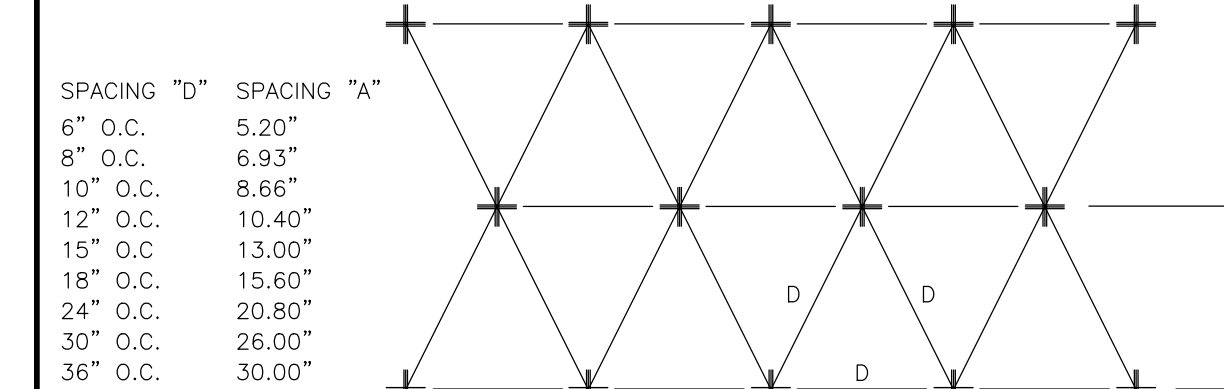


**DECIDUOUS TREE PLANTING DETAIL**

NOT TO SCALE

**PERENNIAL/GROUND COVER PLANTING DETAIL**

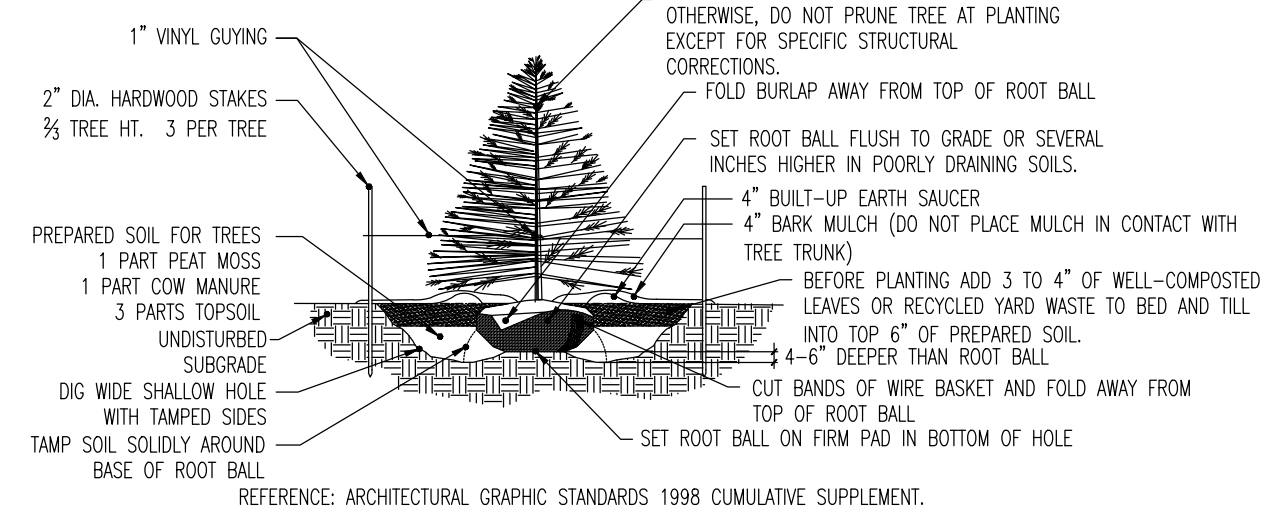
NOT TO SCALE



**PERENNIAL GROUND COVER/SPACING DETAIL**

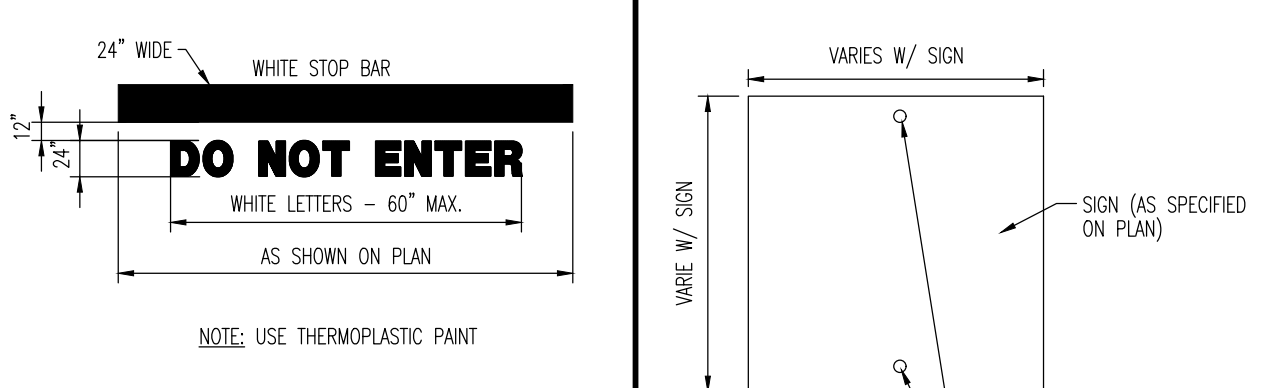
NOT TO SCALE

- NOTES:**
- NO SOIL OR MULCH SHALL BE PLACED AGAINST ROOT COLLAR OF PLANT.
  - REMOVE ALL ROPE FROM TRUNK & TOP OF ROOT BALL FOLD BURLAP BACK 1/2 FROM TOP ROOT BALL
  - PLANTING DEPTH SHALL BE THE SAME AS GROWN IN NURSERY.
  - THOROUGHLY SOAK THE ROOT BALL AND ADJACENT PREPARED SOIL SEVERAL TIMES DURING THE FIRST MONTH AFTER PLANTING AND REGULARLY THROUGHOUT THE FOLLOWING TWO SUMMERS.
  - THE BOTTOM OF PLANTING PIT EXCAVATIONS SHOULD BE ROUGH TO AVOID MATTING OF SOIL LAYERS AS NEW SOIL IS ADDED. IT IS PREFERABLE TO TILL THE FIRST LIFT (2 TO 3 IN.) OF PLANTING SOIL INTO THE SUBSOIL.



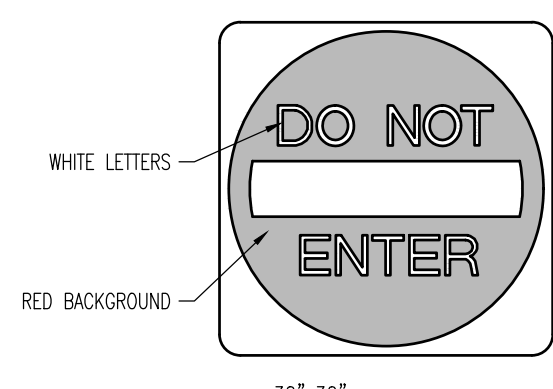
**EVERGREEN TREE PLANTING DETAIL**

NOT TO SCALE



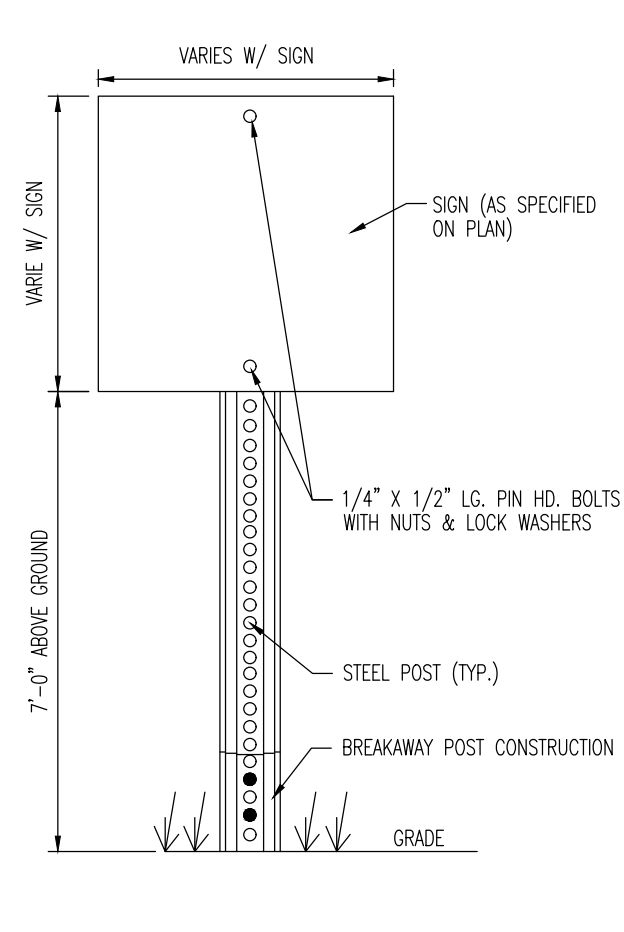
**DO NOT ENTER STRIPING DETAIL**

NOT TO SCALE



**R5-1 SIGN DETAIL**

NOT TO SCALE

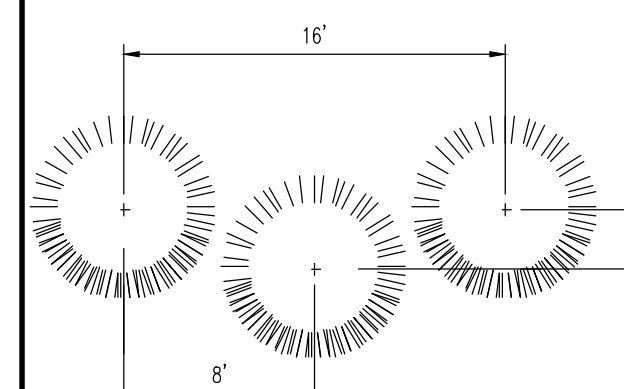


**SIGN POST DETAIL**

NOT TO SCALE

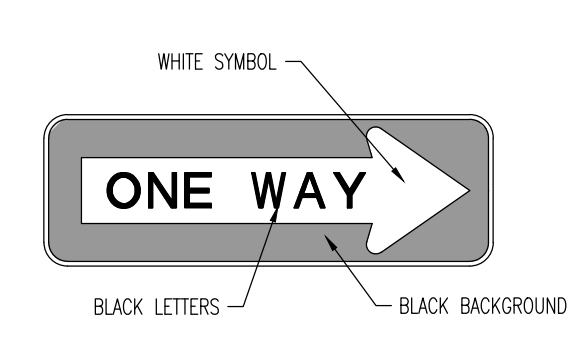
**PEDESTRIAN CROSSING SIGN AT CROSSWALK DETAIL**

NOT TO SCALE



**EVERGREEN SCREENING SPACING DETAIL**

NOT TO SCALE



**R6-1R SIGN DETAIL**

NOT TO SCALE

**GameTime** Twilight  
Double Zip Slide  
Umbr Roof  
Ridge Climber  
Transfer Platform w/ Access Attachment  
Three-In-A-Row  
Crunch Bar  
Umbr Roof  
Arch Bridge  
Wiggle Climber (Link)  
F5 Spiral Slide  
Nature Discovery Table (Below)  
Thundering Panel  
Wrinkle Wall  
Bongos  
Traverse Climber

**GAMETIME "TWILIGHT" EQUIPMENT DETAIL**  
NOT TO SCALE

THIS PLAN SET IS FOR PERMITTING PURPOSES ONLY AND MAY NOT BE USED FOR CONSTRUCTION

**DYNAMIC ENGINEERING**  
LAND DEVELOPMENT CONSULTING • PERMITTING • GEOTECHNICAL • ENVIRONMENTAL • SURVEY • PLANNING & ZONING

1904 Main Street  
Lake Como, NJ 07719  
T: 732.974.0198  
F: 732.974.3521  
www.dynassoc.com

1904 Main Street  
Lake Como, NJ 07719  
T: 732.974.0198  
F: 732.974.3521  
www.dynassoc.com

**CONSTRUCTION DETAILS**

TITLE: **RPM DEVELOPMENT, LLC PROPOSED RESIDENTIAL DEVELOPMENT**

PROJECT: **2495 BRUNSWICK PIKE (A.K.A. ALT ROUTE 1) TOWNSHIP OF LAWRENCE, MERCER COUNTY, NEW JERSEY**

JOB No: 1279-99-010  
DATE: 04/15/2020  
DRAWN BY: GMC  
SCALE: (H) NOT TO (V) SCALE  
DESIGNED BY: LPG  
SHEET No:  
CHECKED BY: TJM  
DATE: -

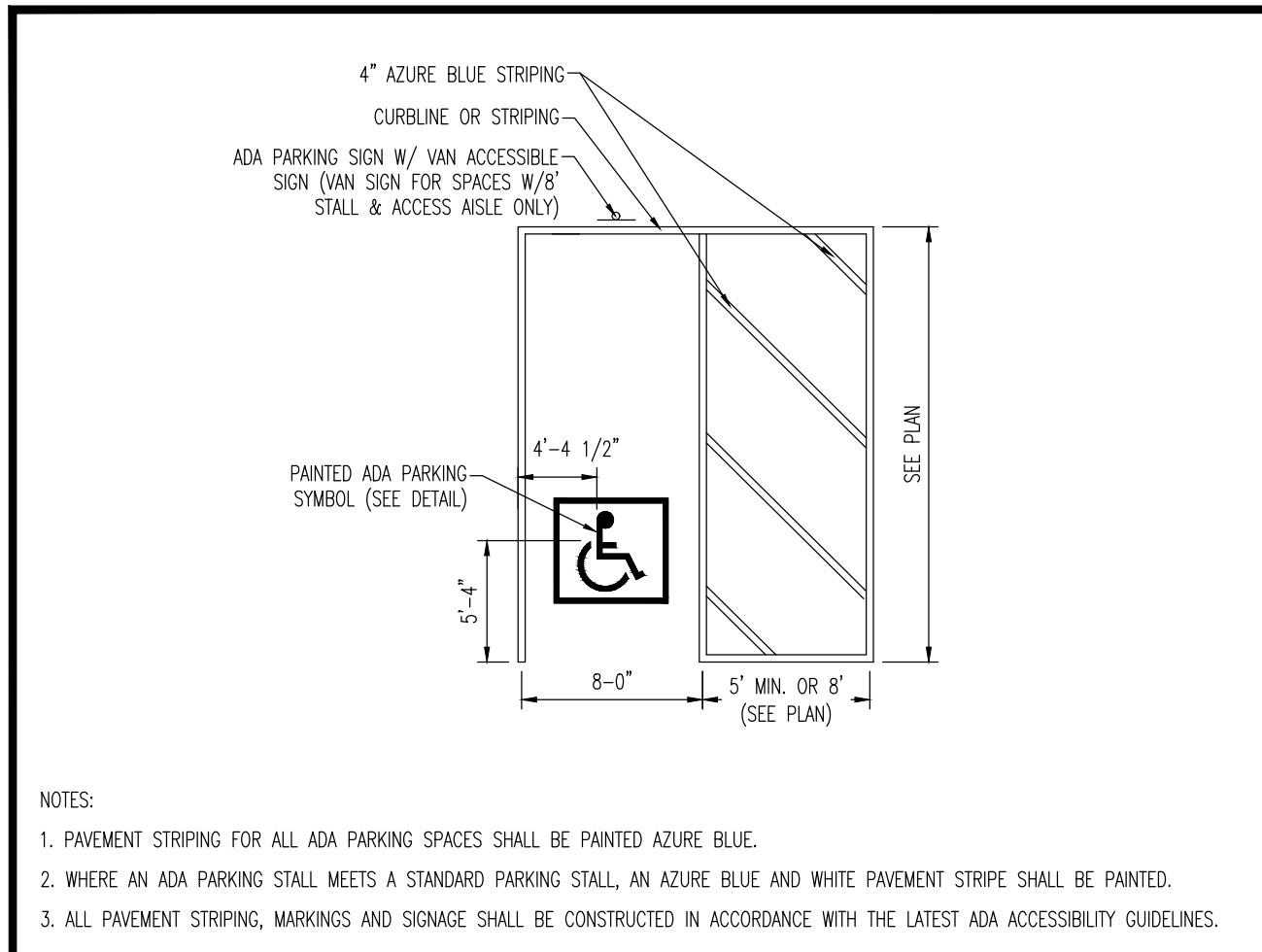
**JOHN A. PALUS** PROFESSIONAL ENGINEER  
NEW JERSEY LICENSE No. 41975

**THOMAS J. MULLER** PROFESSIONAL ENGINEER  
NEW JERSEY LICENSE No. 52179

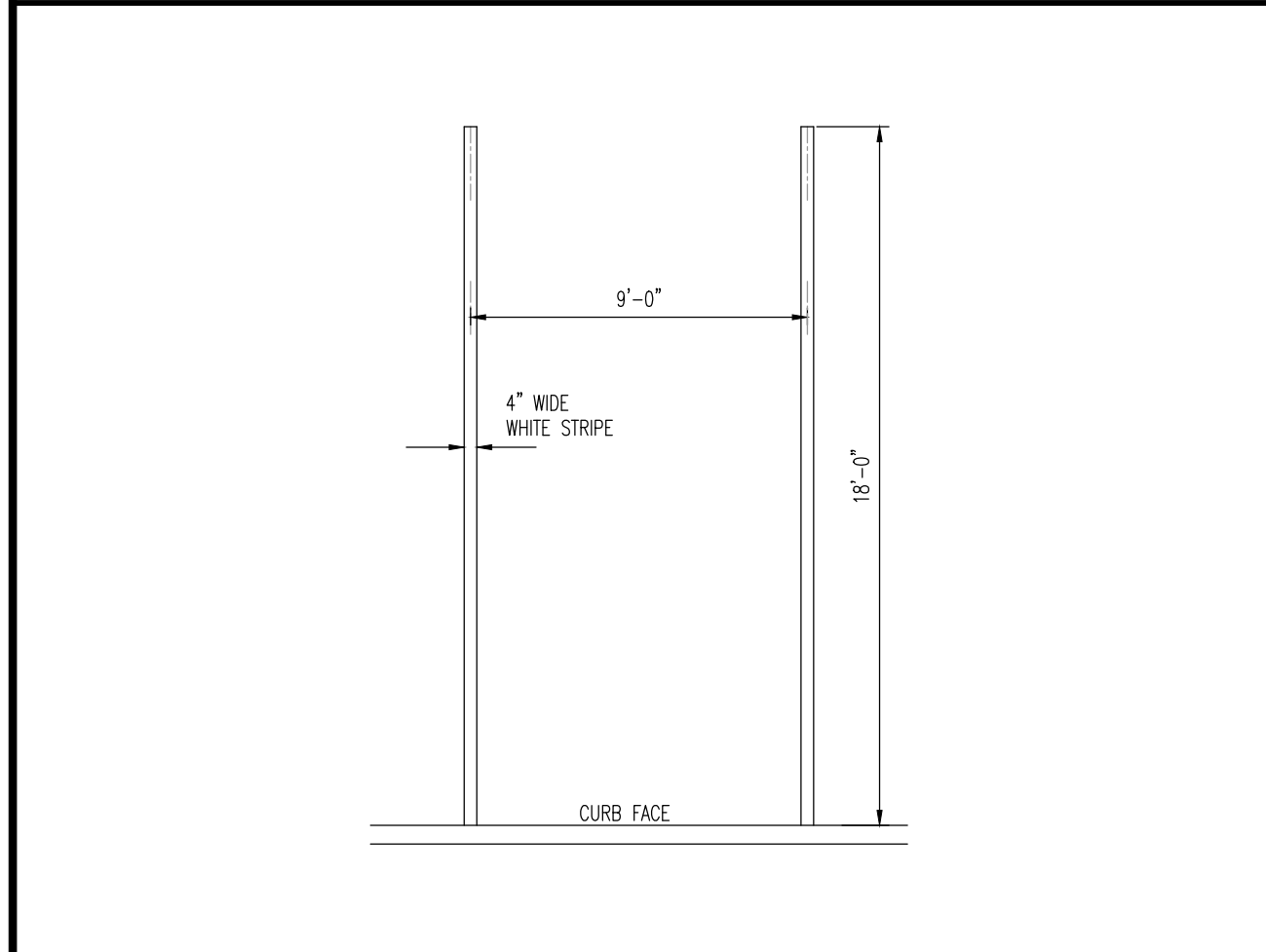
**PROTECT YOURSELF**  
ALL USERS REQUIRE VERIFICATION OF LICENSE NUMBERS, OR ANY OTHER PREPARING TO OBTAIN THE STATE'S OFFICIAL RECORDS IN ANY STATE.

**811** CALL BEFORE YOU DIG  
FOR STATE-SPECIFIC DIRECT PHONE NUMBERS VISIT: [WWW.CALL811.COM](http://WWW.CALL811.COM)

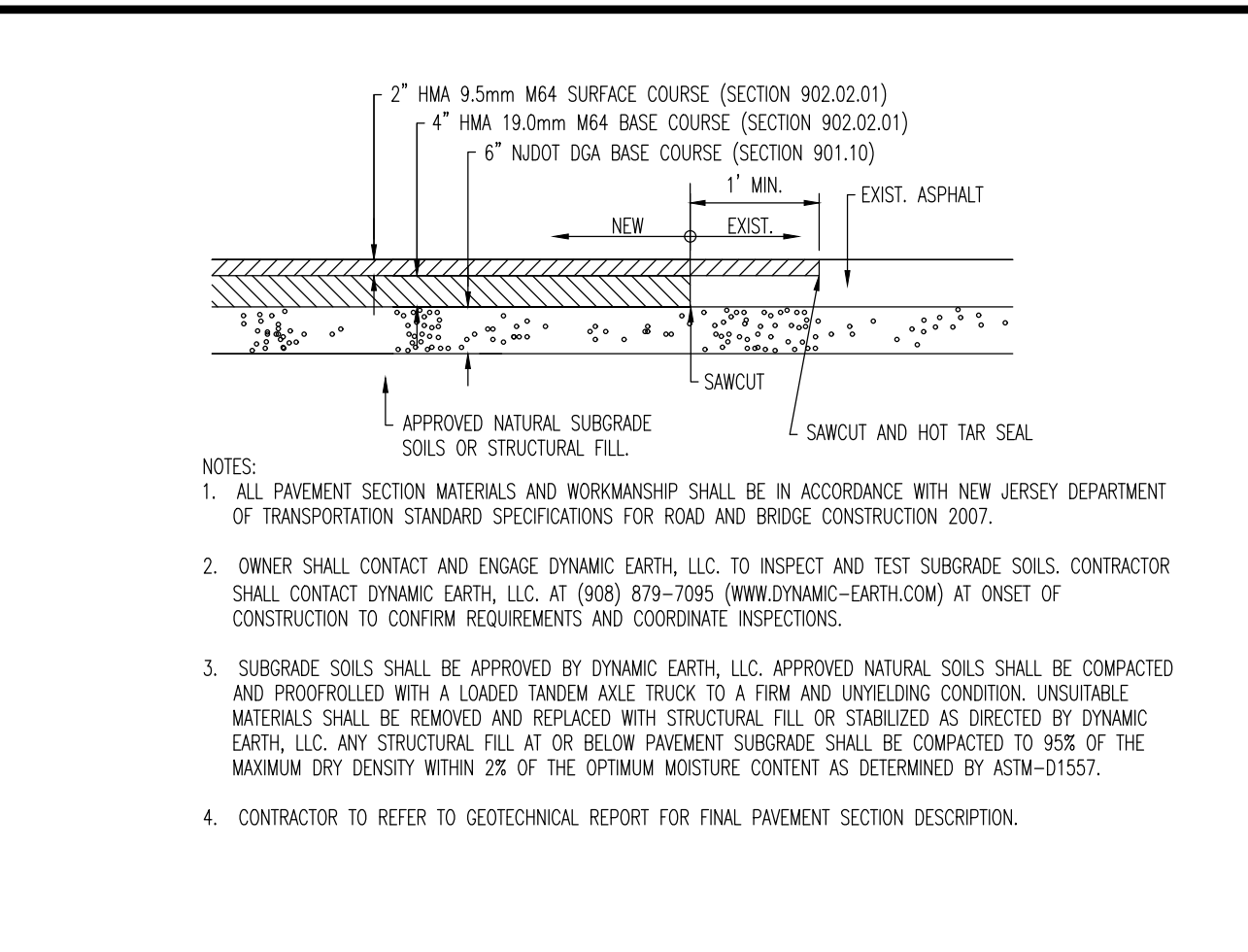
**13** OF 24  
Rev. # 3



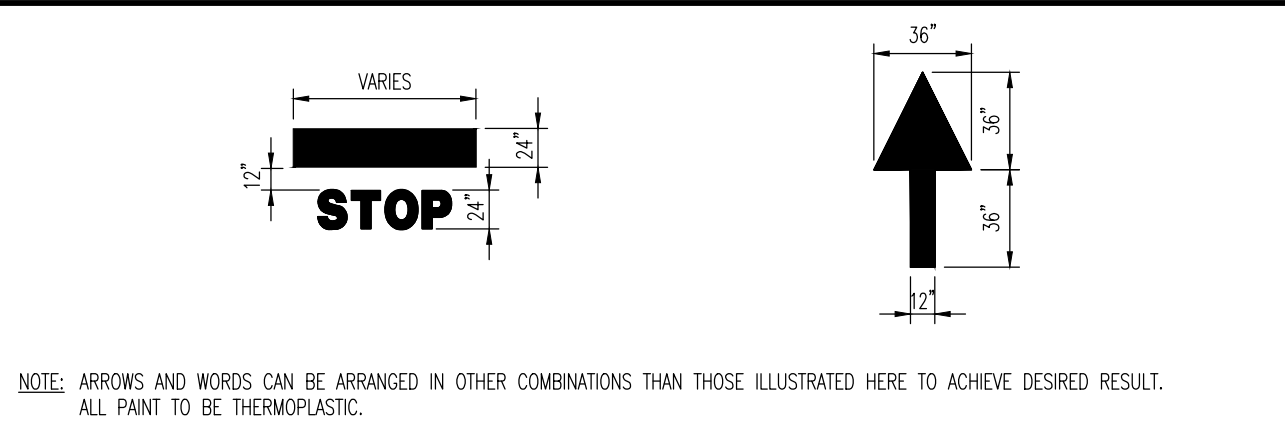
**ADA STALL MARKINGS DETAIL**  
NOT TO SCALE



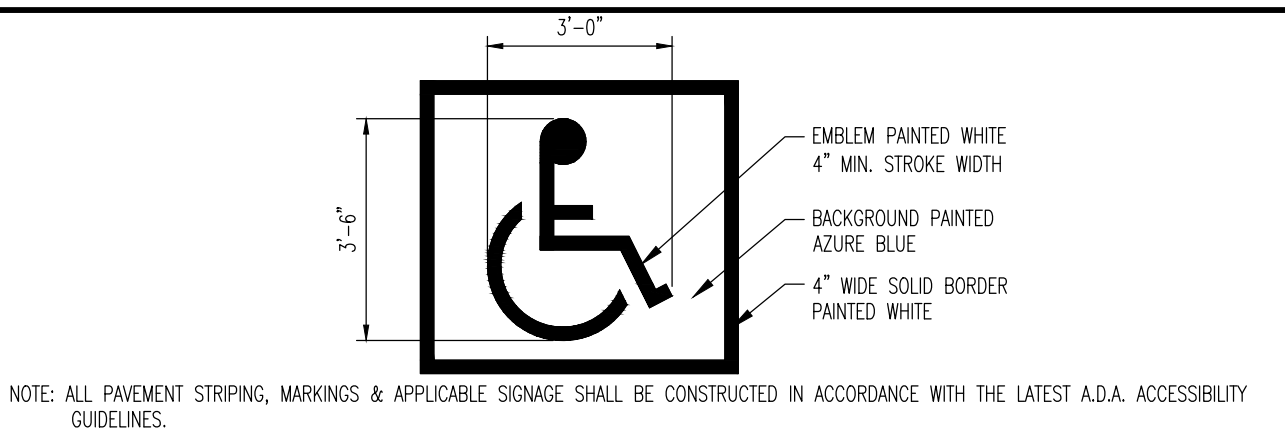
**PARKING STALL STRIPING DETAIL**  
NOT TO SCALE



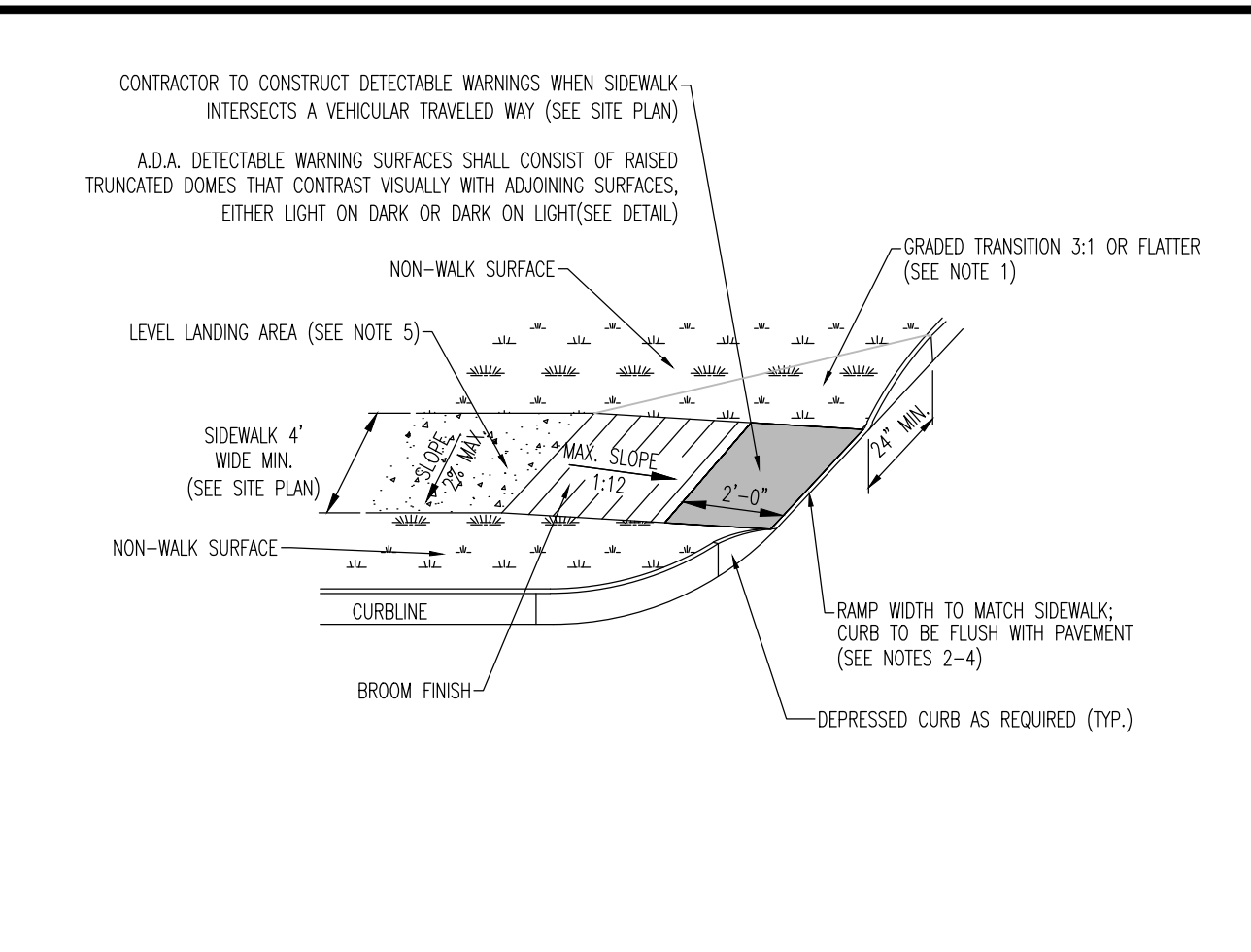
**PAVING DETAIL**  
NOT TO SCALE



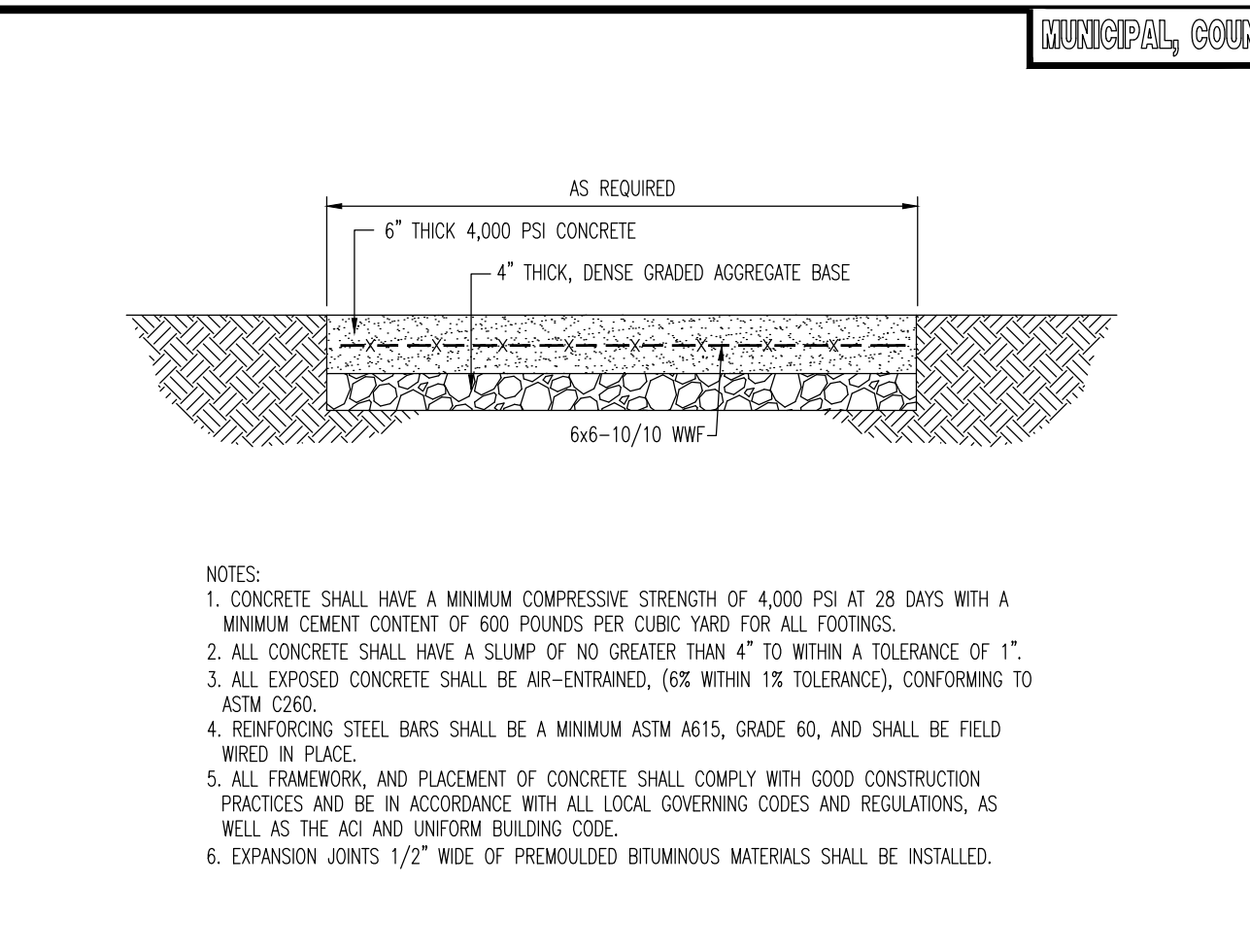
**PAINTED MARKING DETAILS**  
NOT TO SCALE



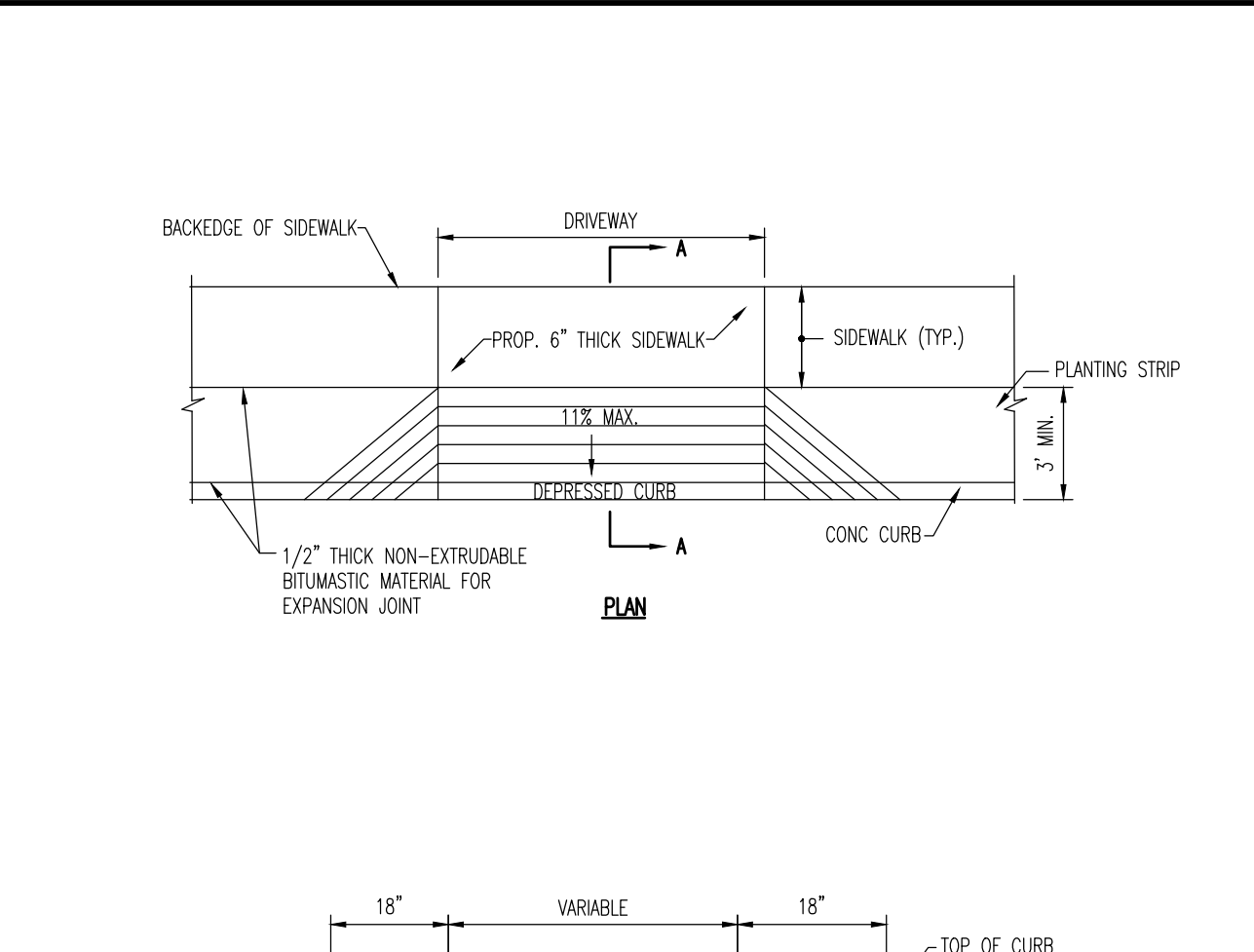
**PAINTED A.D.A. PARKING SYMBOL DETAIL**  
NOT TO SCALE



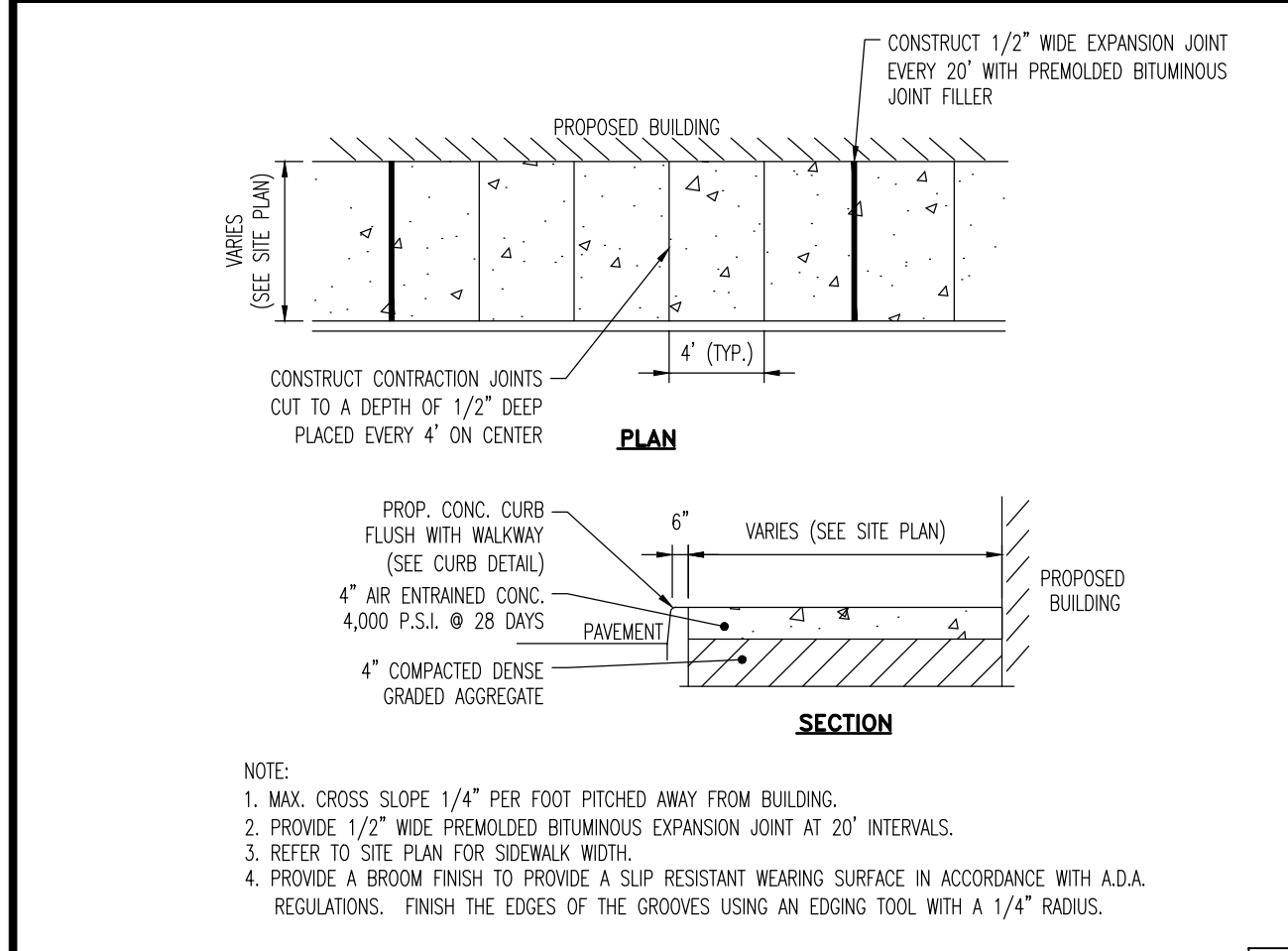
**A.D.A. PERPENDICULAR CURB RAMP DETAIL (W/OUT FLARE SIDES)**  
NOT TO SCALE



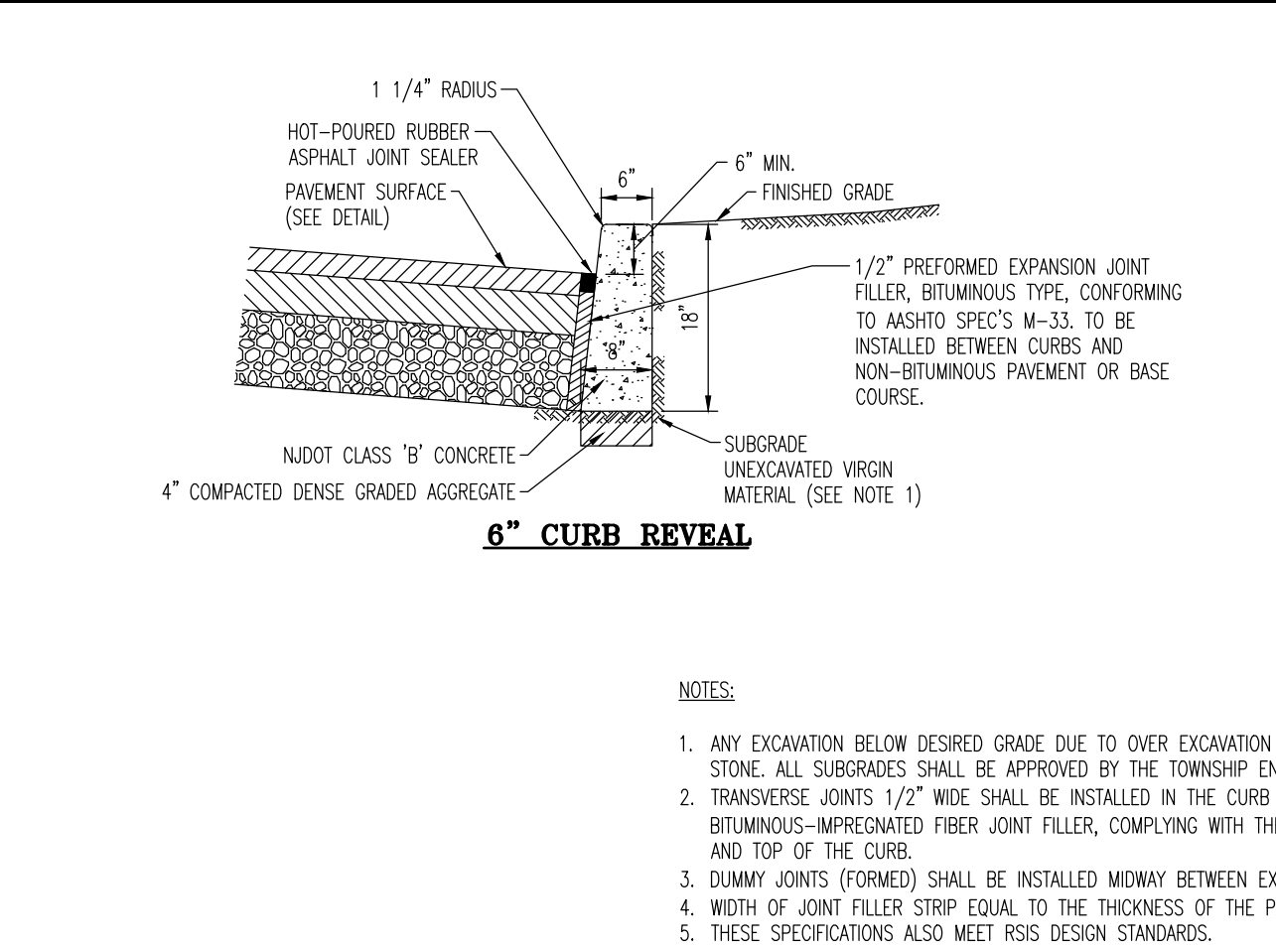
**CONCRETE PAD DETAIL**  
NOT TO SCALE



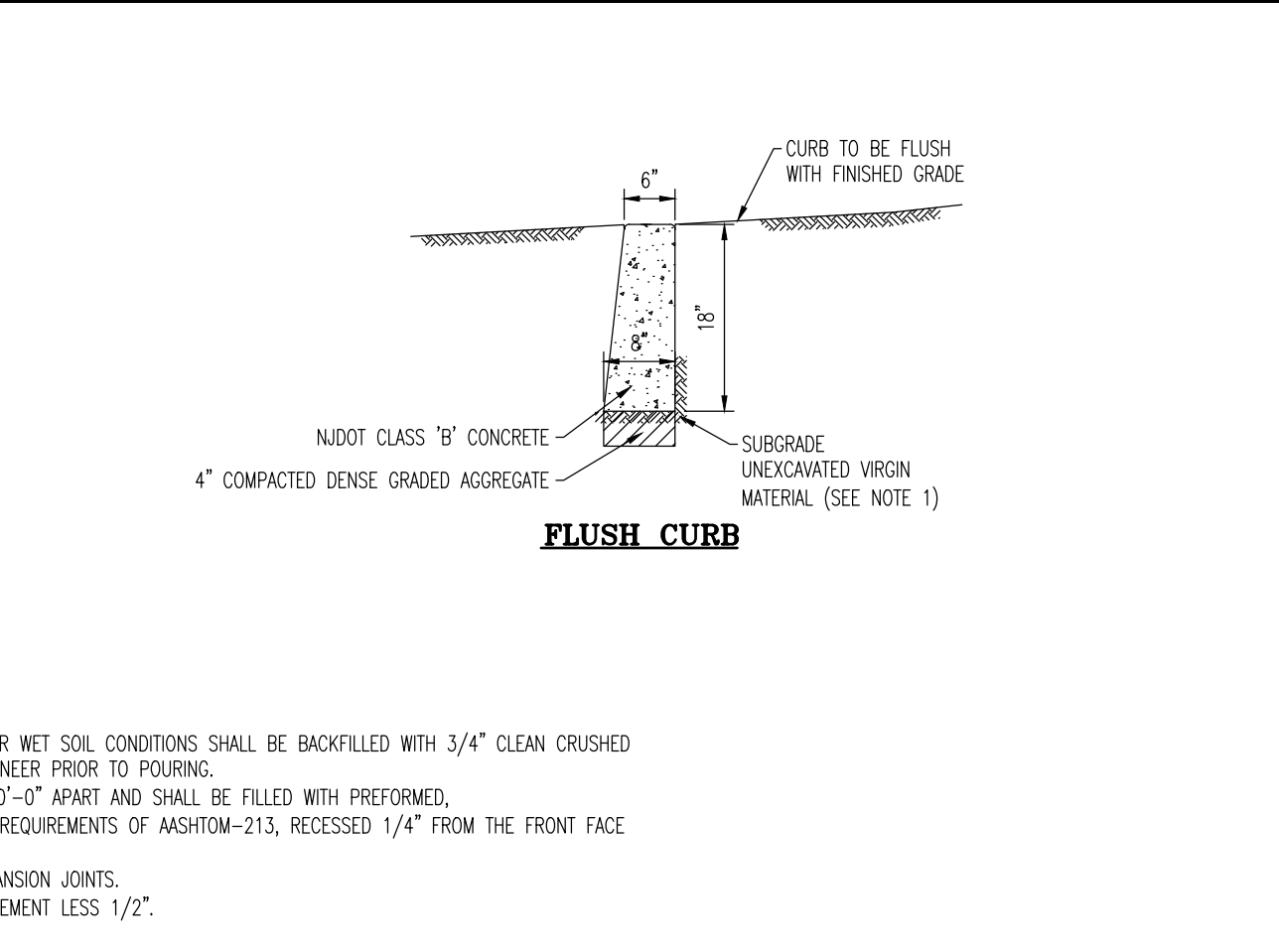
**HANDRAIL AT A.D.A. ACCESSIBLE RAMP DETAIL**  
NOT TO SCALE



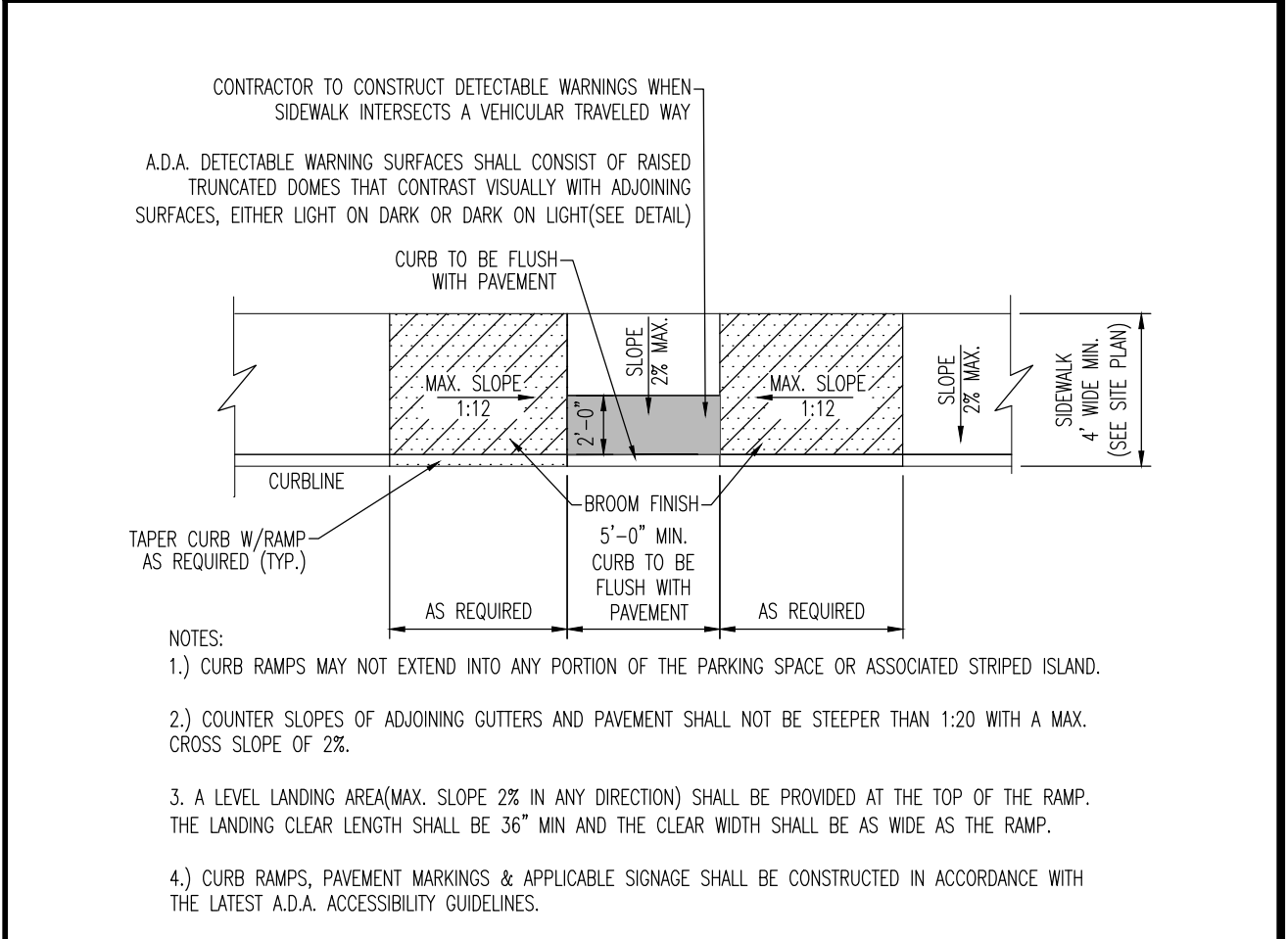
**CURB AND WALK DETAIL AT BUILDING**  
NOT TO SCALE



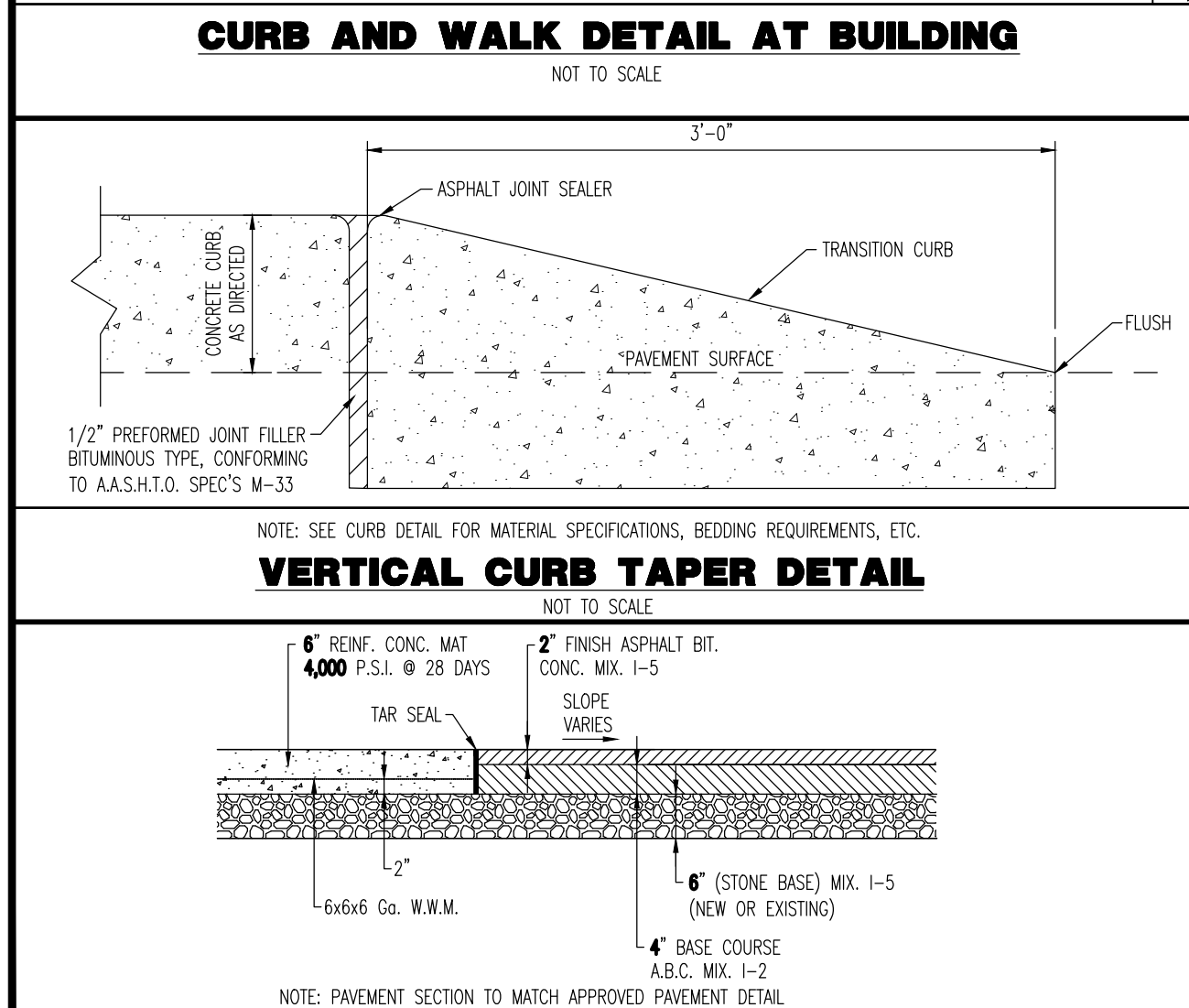
**CONCRETE CURB DETAIL**  
NOT TO SCALE



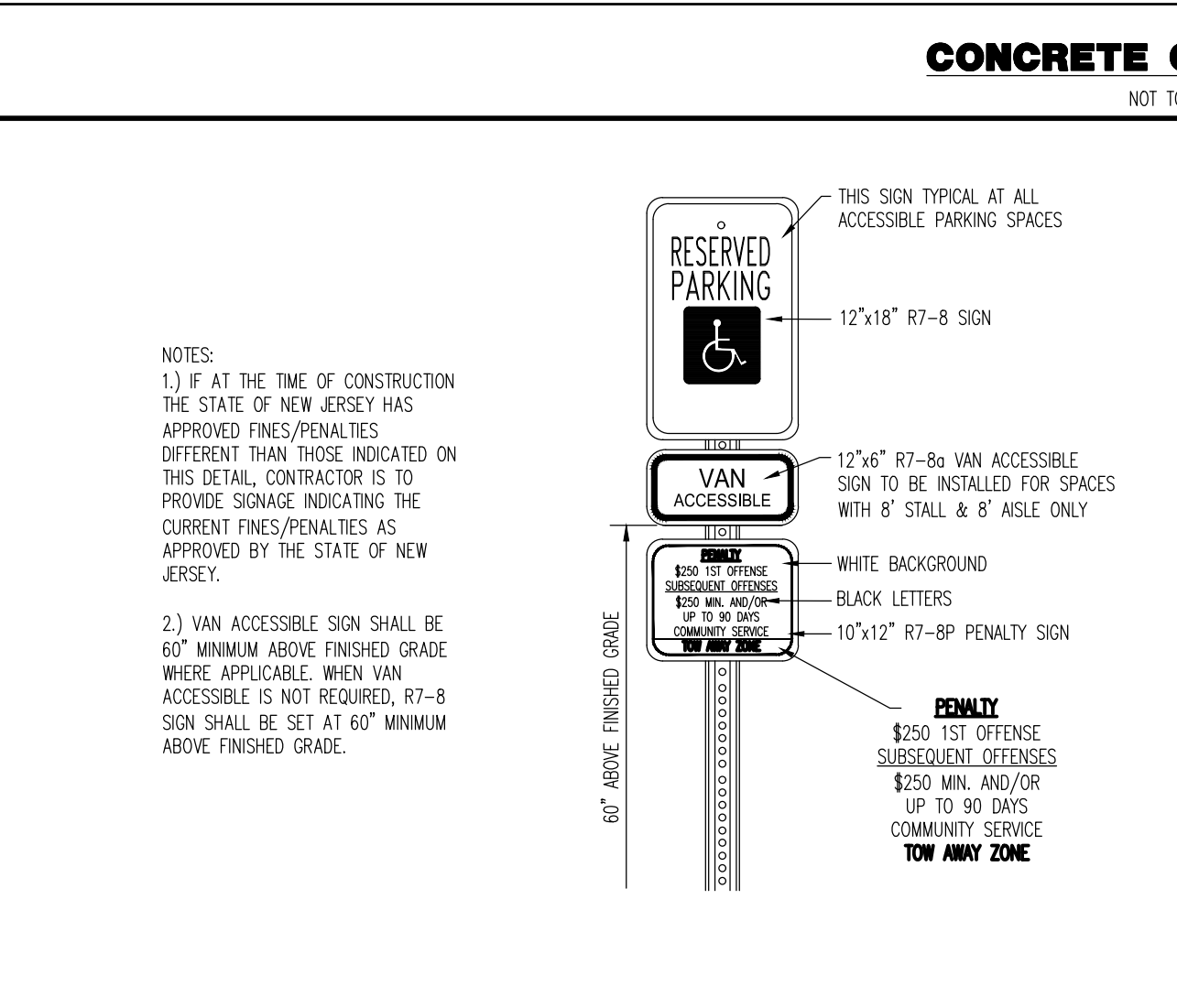
**DEPRESSED CURB & CONCRETE APRON AT DRIVEWAY DETAIL**  
NOT TO SCALE



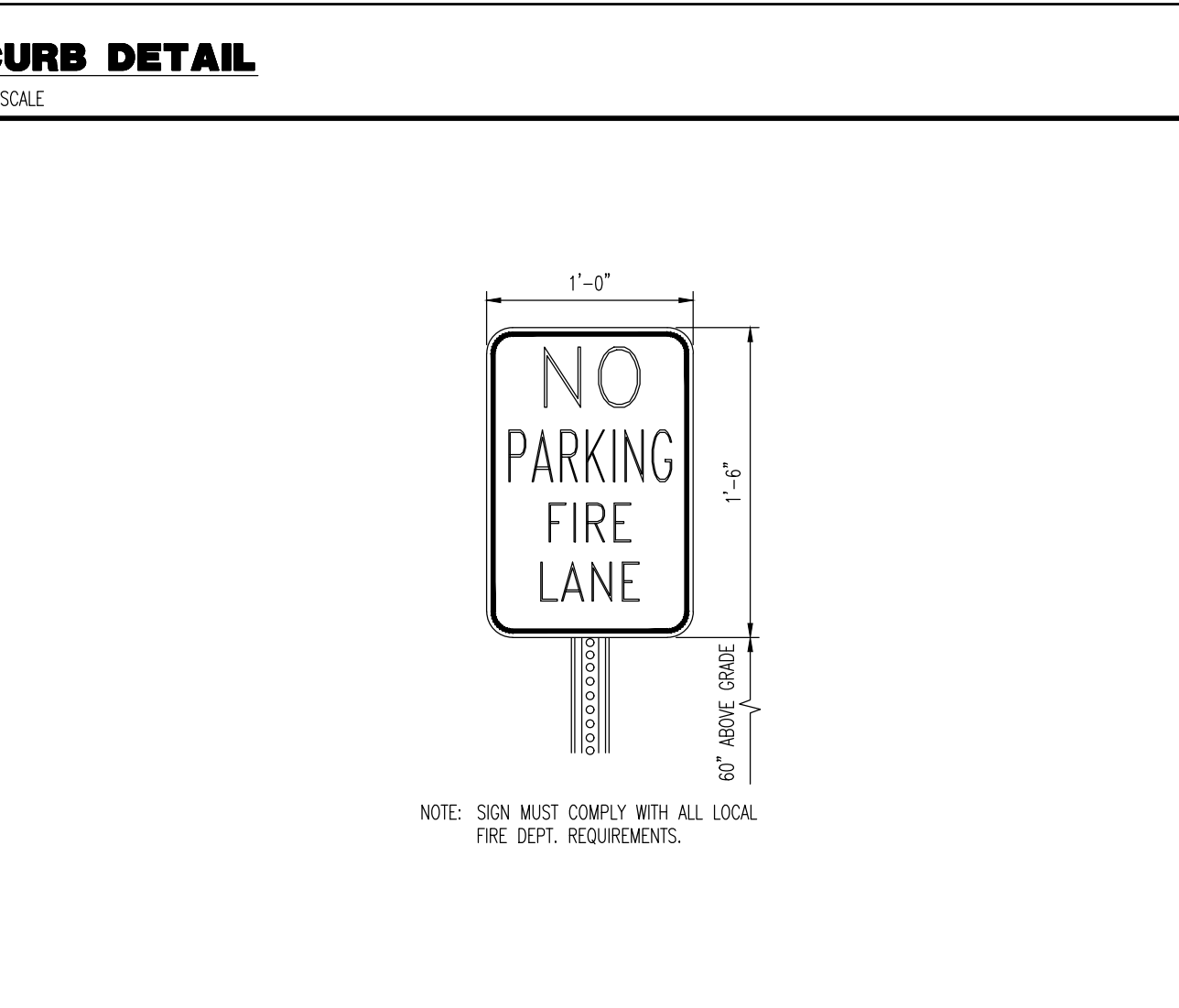
**A.D.A. PARALLEL CURB RAMP DETAIL**  
NOT TO SCALE



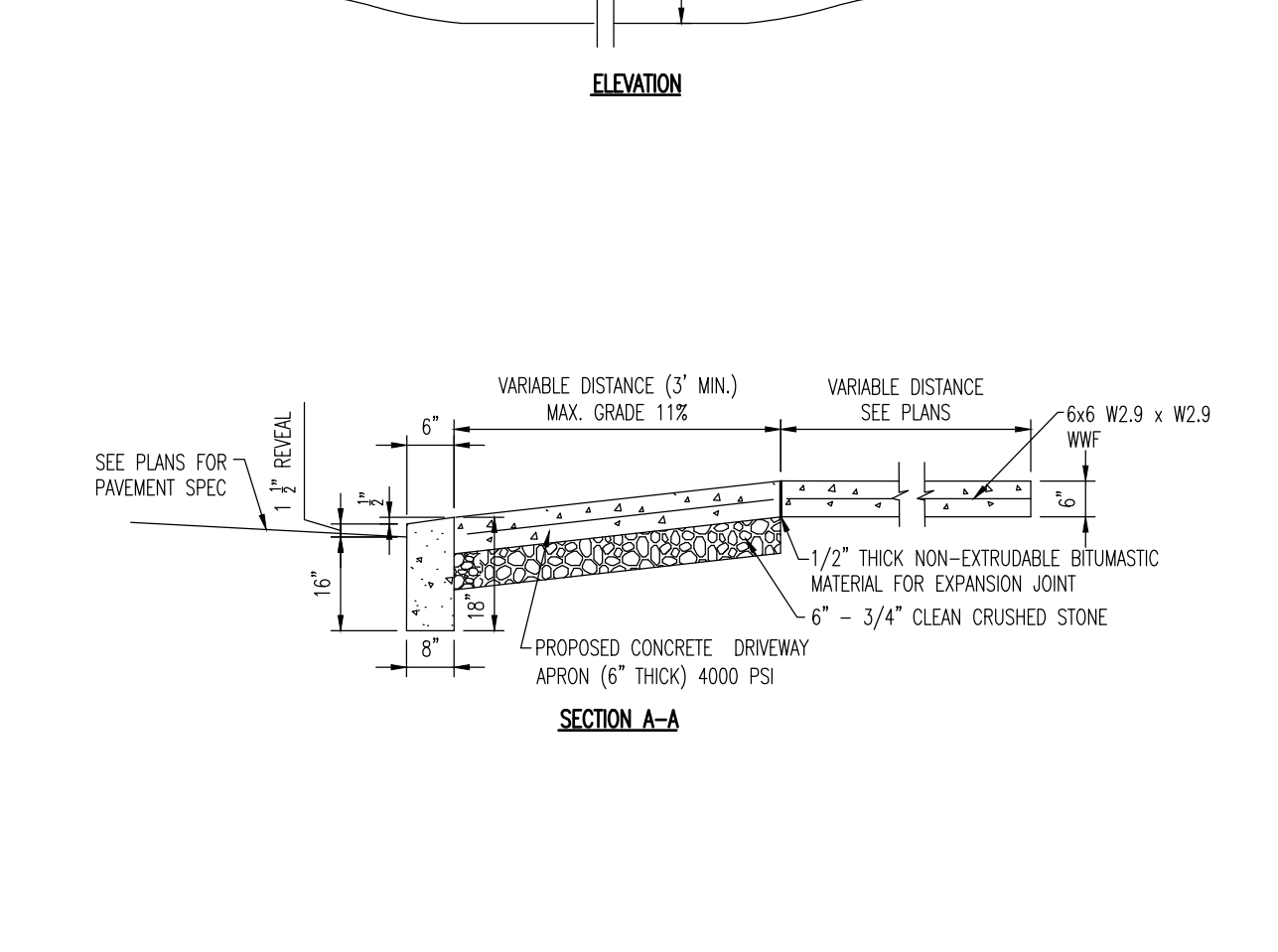
**CONCRETE & PAVING DETAIL**  
NOT TO SCALE



**ADA PARKING SIGN W/ VAN ACCESSIBLE SIGN**  
NOT TO SCALE



**FIRE LANE SIGN DETAIL**  
NOT TO SCALE



**VERTICAL CURB TAPER DETAIL**  
NOT TO SCALE

THIS PLAN SET IS FOR PERMITTING PURPOSES ONLY AND MAY NOT BE USED FOR CONSTRUCTION

**DYNAMIC ENGINEERING**  
LAND DEVELOPMENT CONSULTING • PERMITTING • GEOTECHNICAL • ENVIRONMENTAL • SURVEY • PLANNING & ZONING

1904 Main Street  
Lake Como, NJ 07719  
T: 732.974.0198  
F: 732.974.3521  
www.dynamiceng.com

TITLE: **CONSTRUCTION DETAILS**

PROJECT: **RPM DEVELOPMENT, LLC  
PROPOSED RESIDENTIAL DEVELOPMENT**  
BLOCK 2001, LOT 2.02  
2495 BRUNSWICK PIKE (A.K.A. ALT ROUTE 1)  
TOWNSHIP OF LAWRENCE, MERCER COUNTY, NEW JERSEY

JOB No: 1279-99-010 | DATE: 04/15/2020  
DRAWN BY: GMC | SCALE: (H) NOT TO (V) SCALE  
DESIGNED BY: LPG | SHEET No:  
CHECKED BY: TJM  
CHECKED BY: -

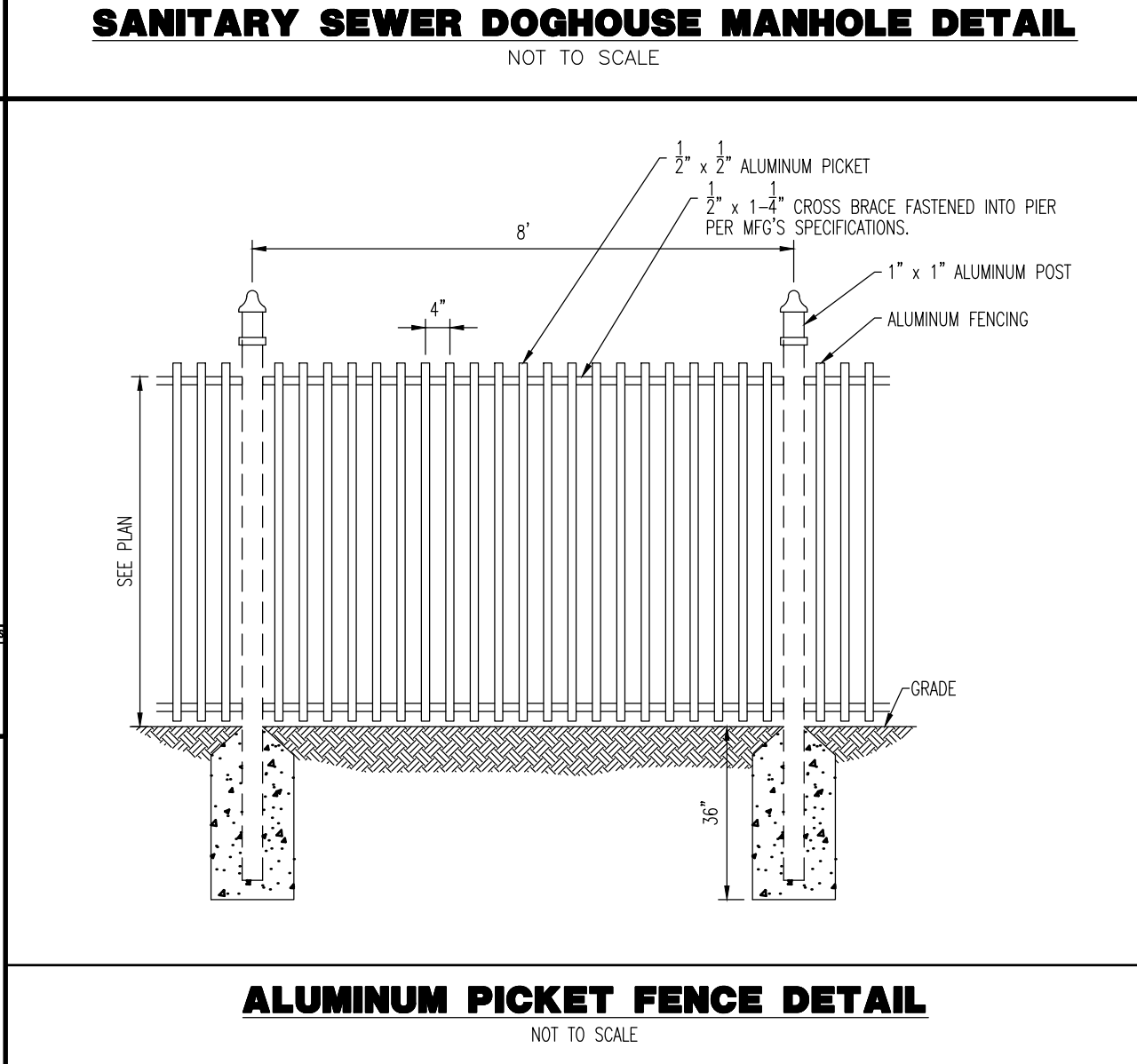
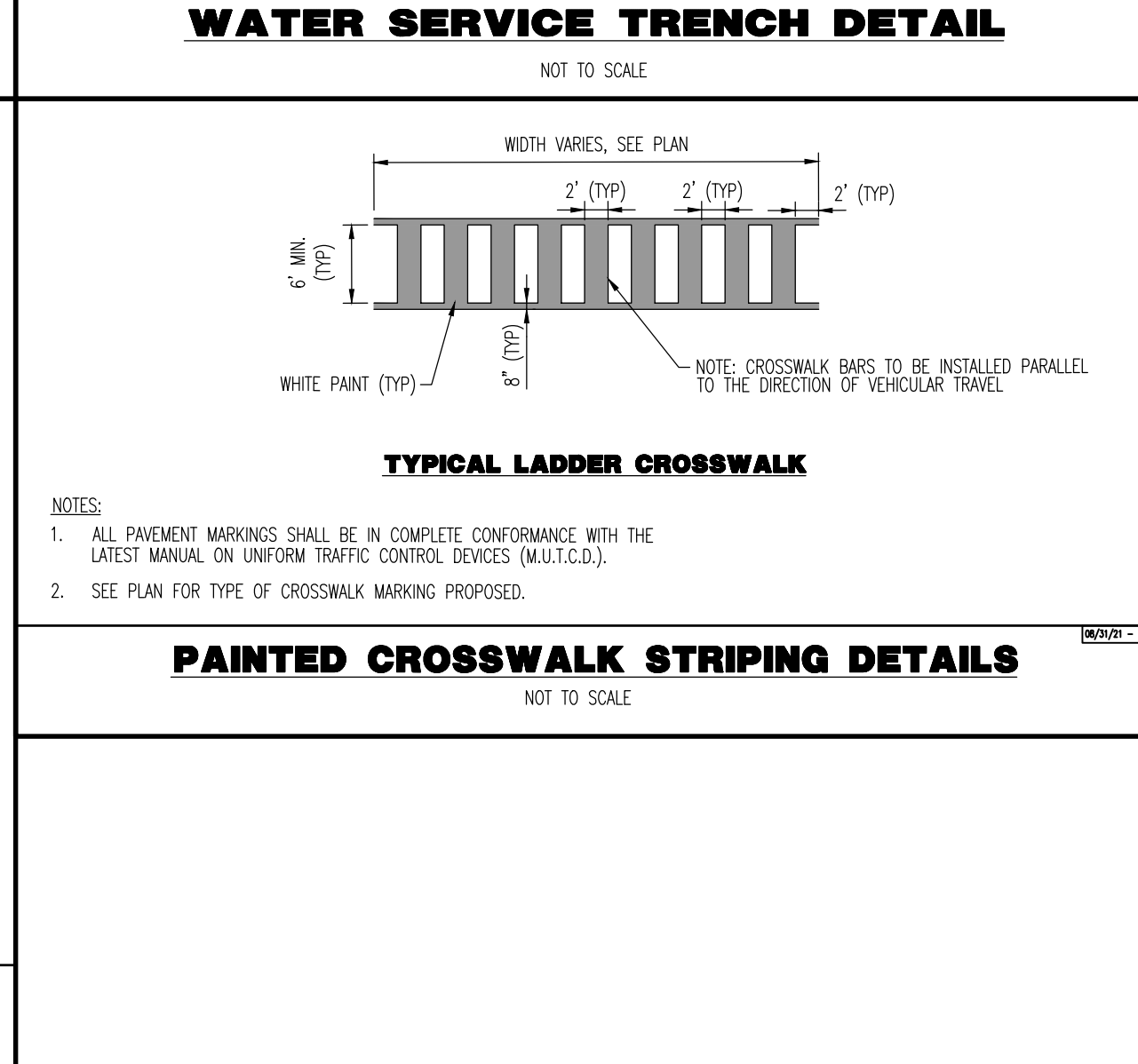
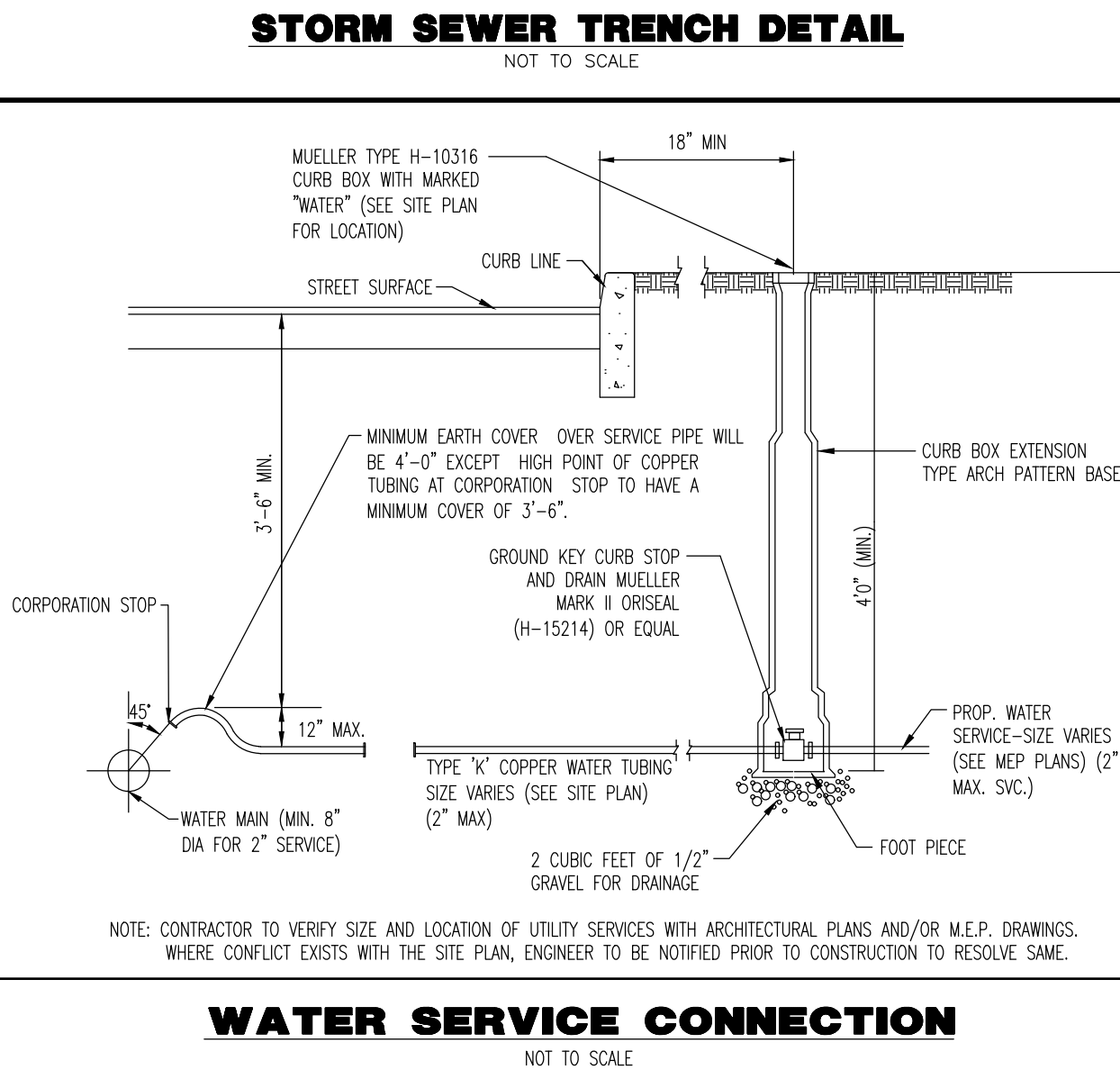
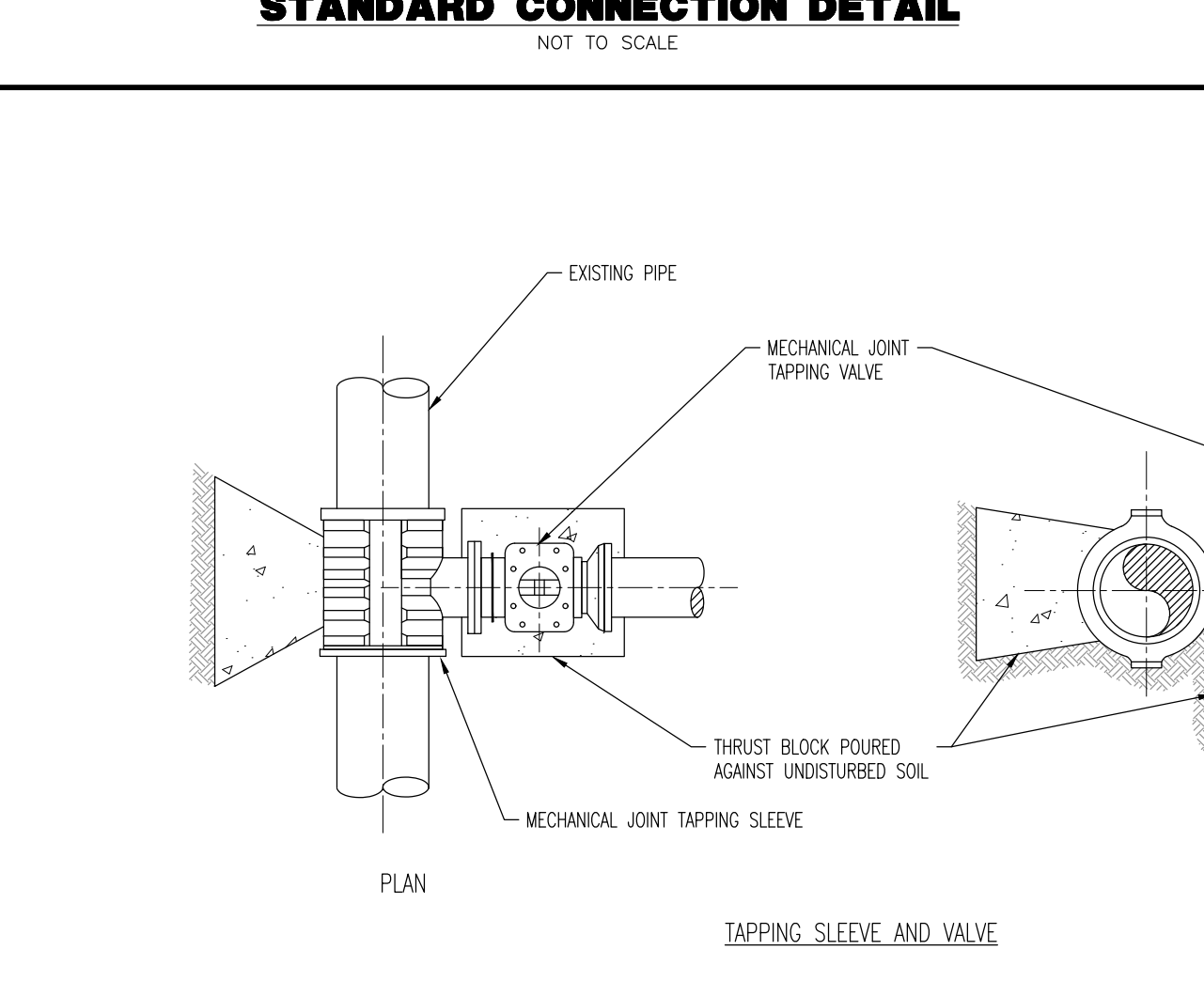
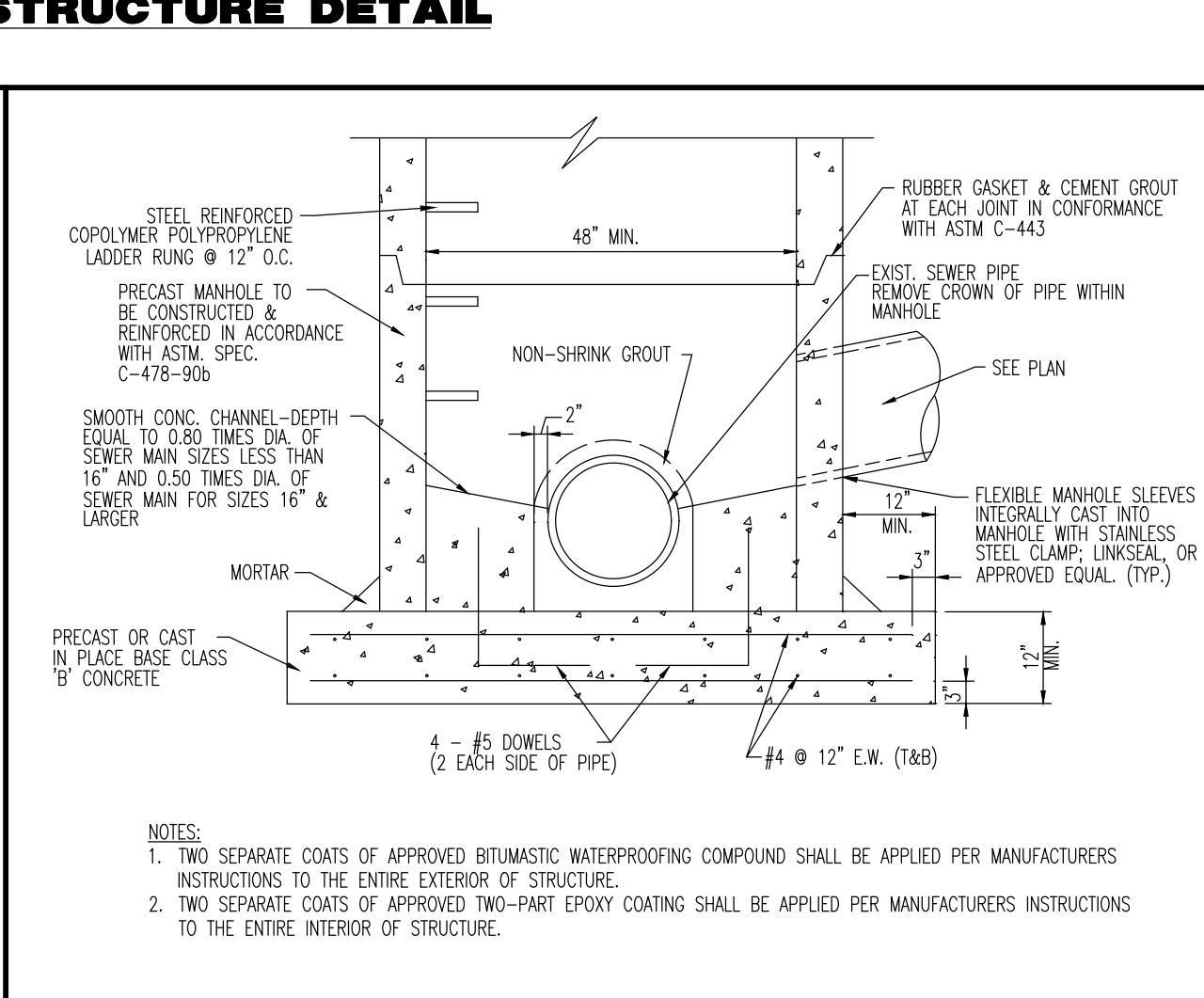
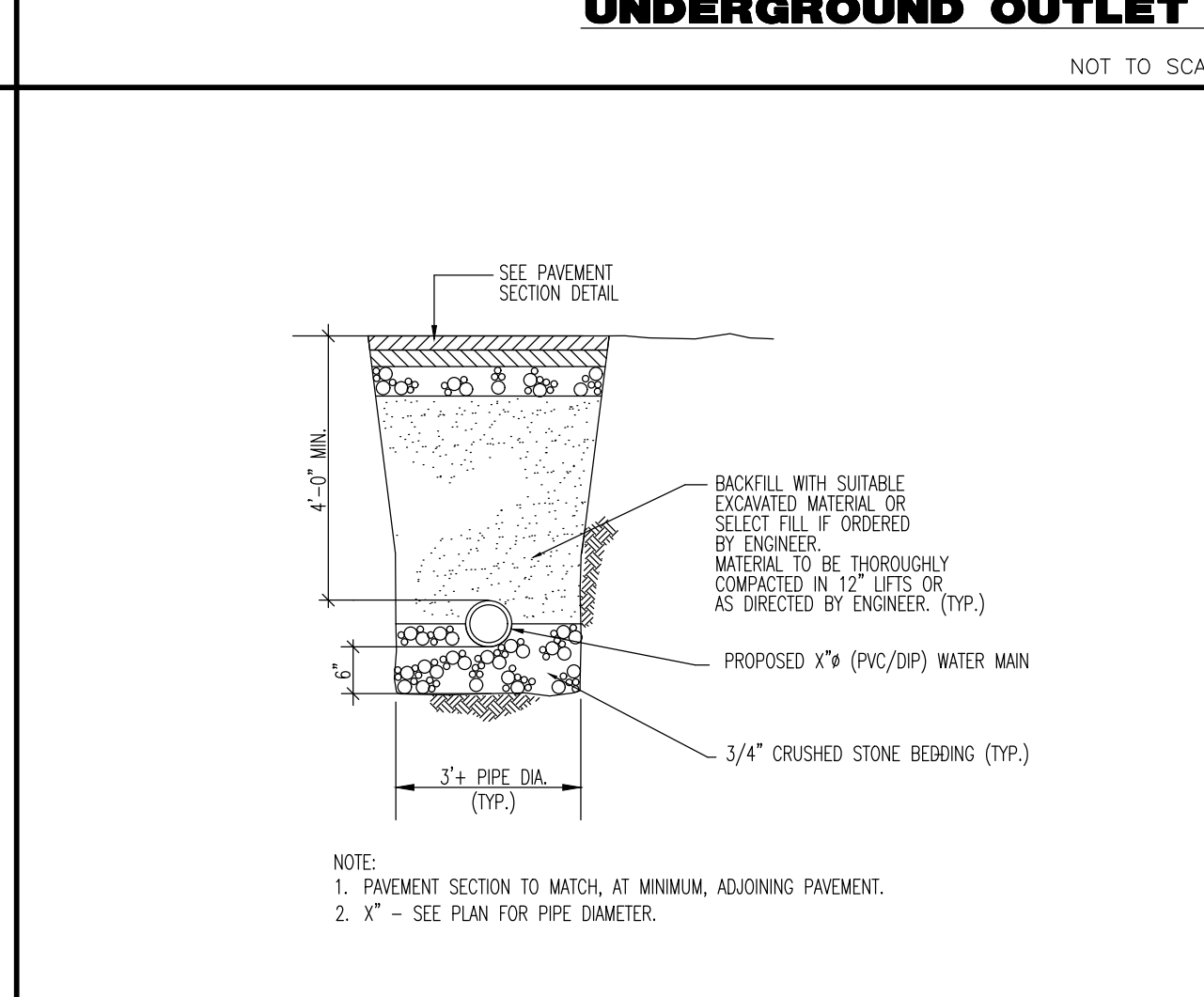
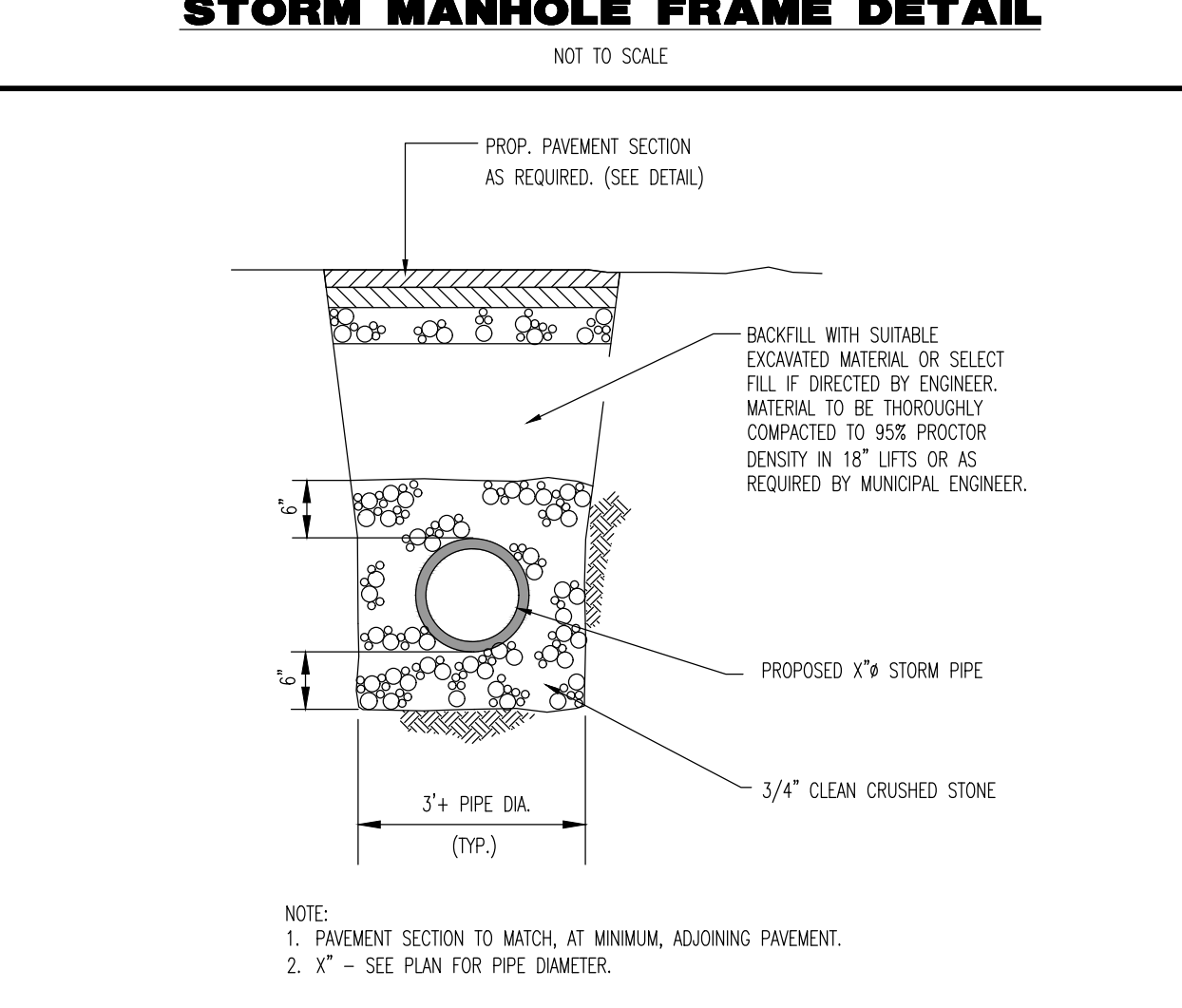
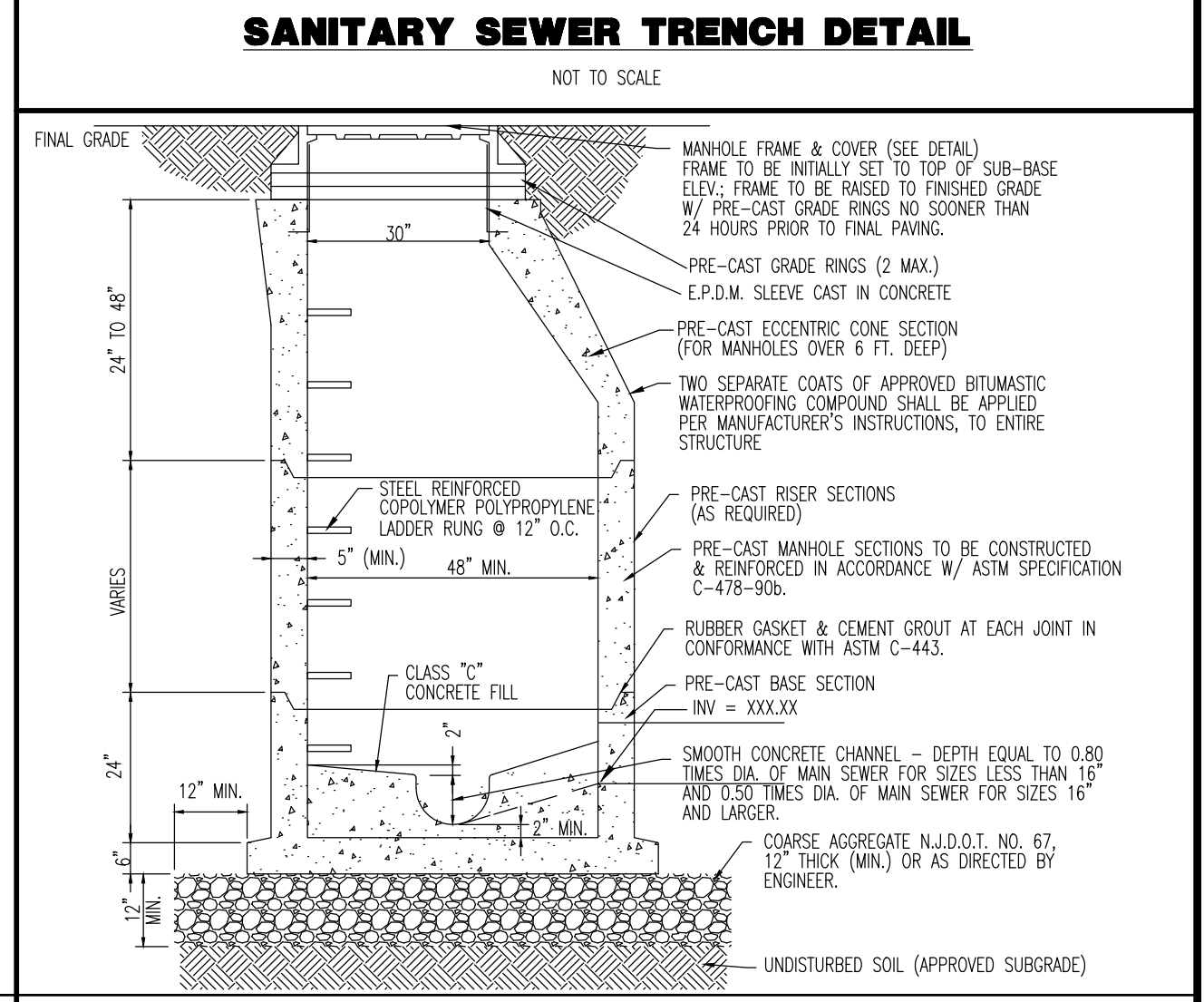
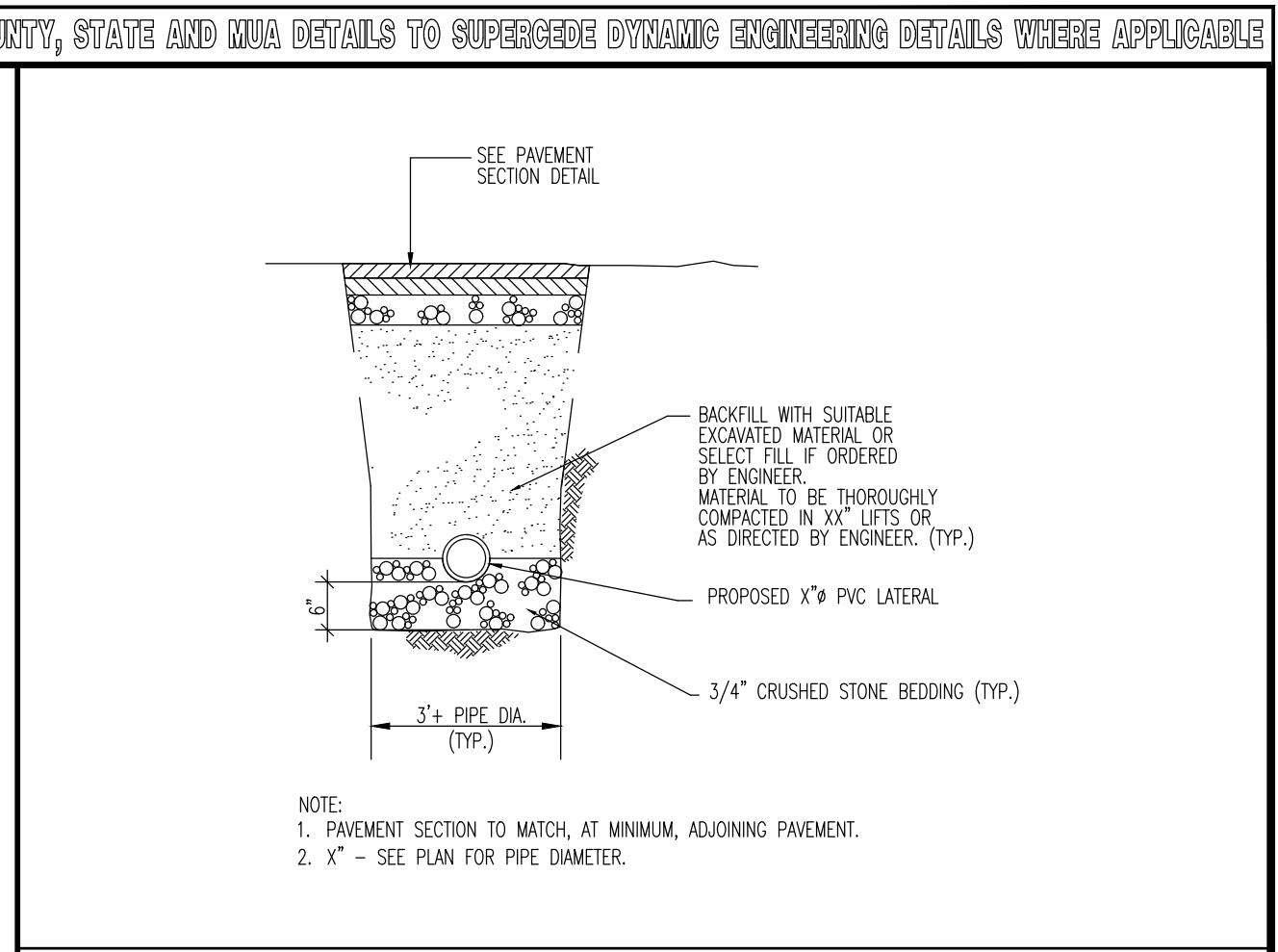
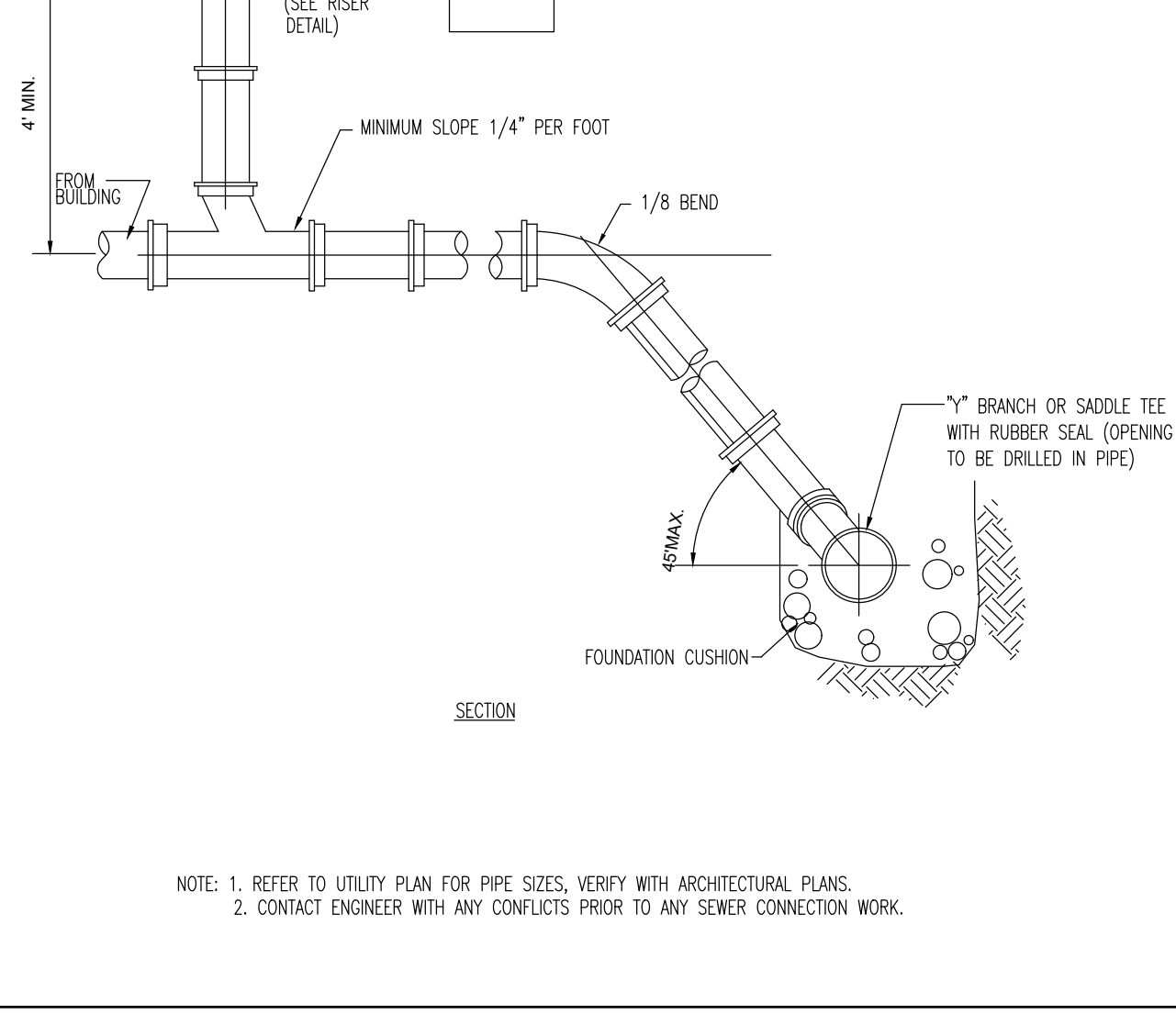
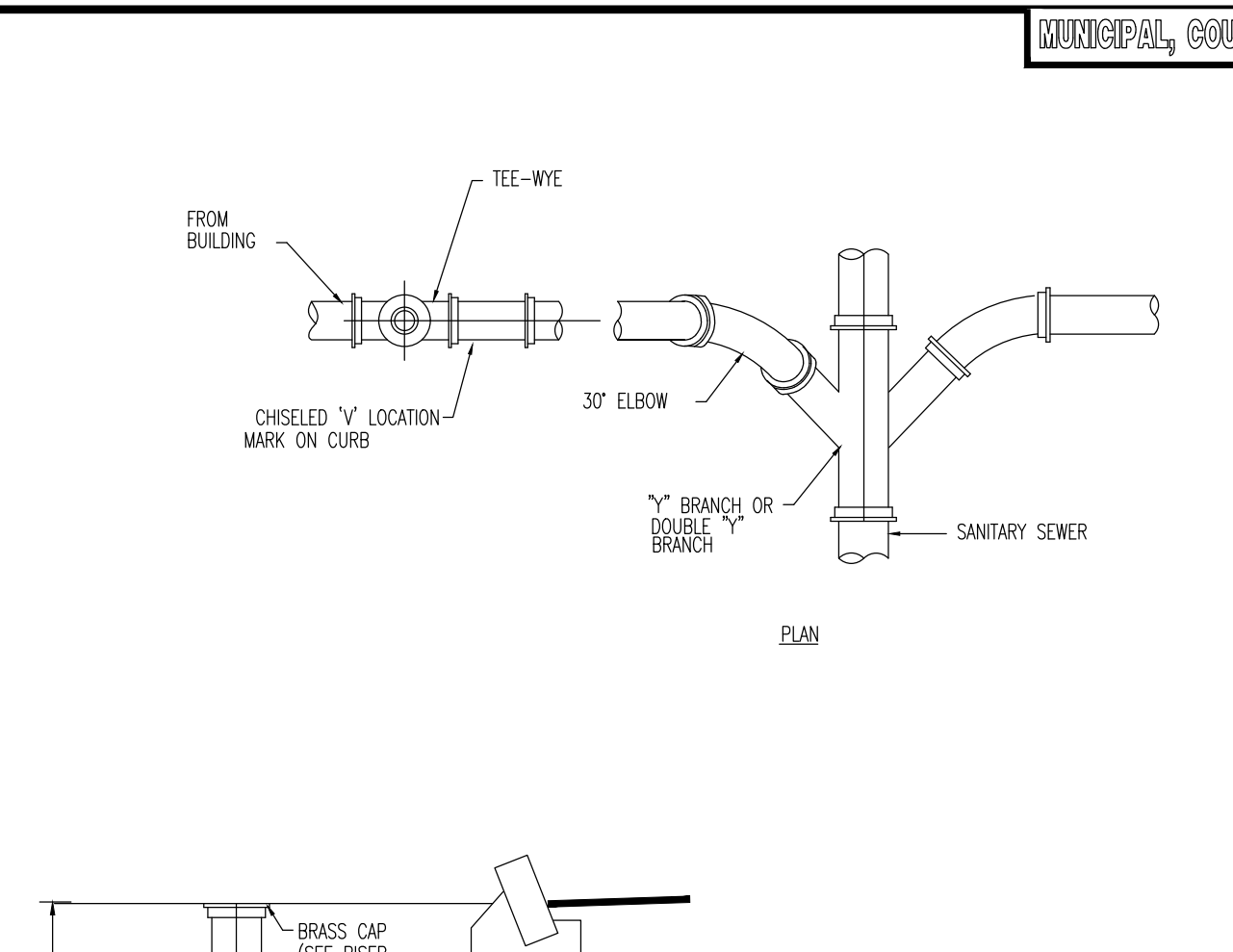
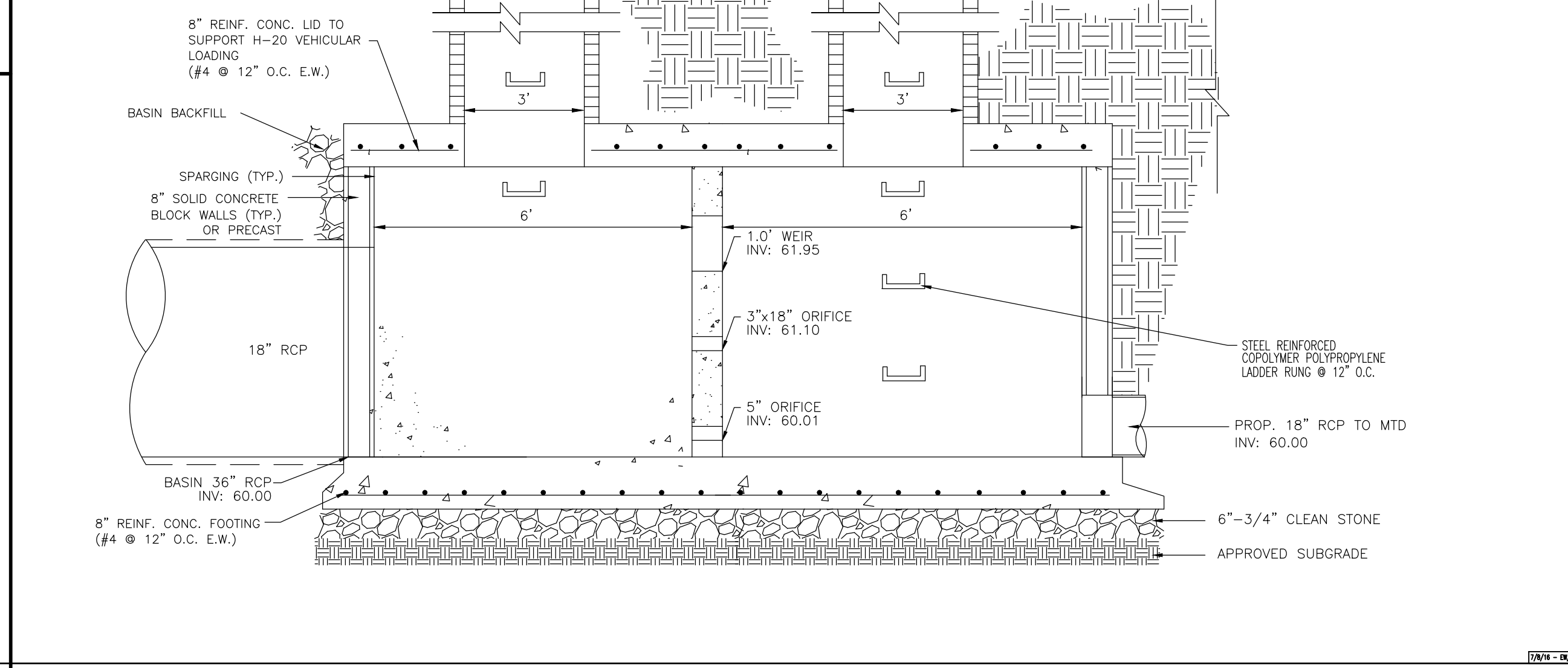
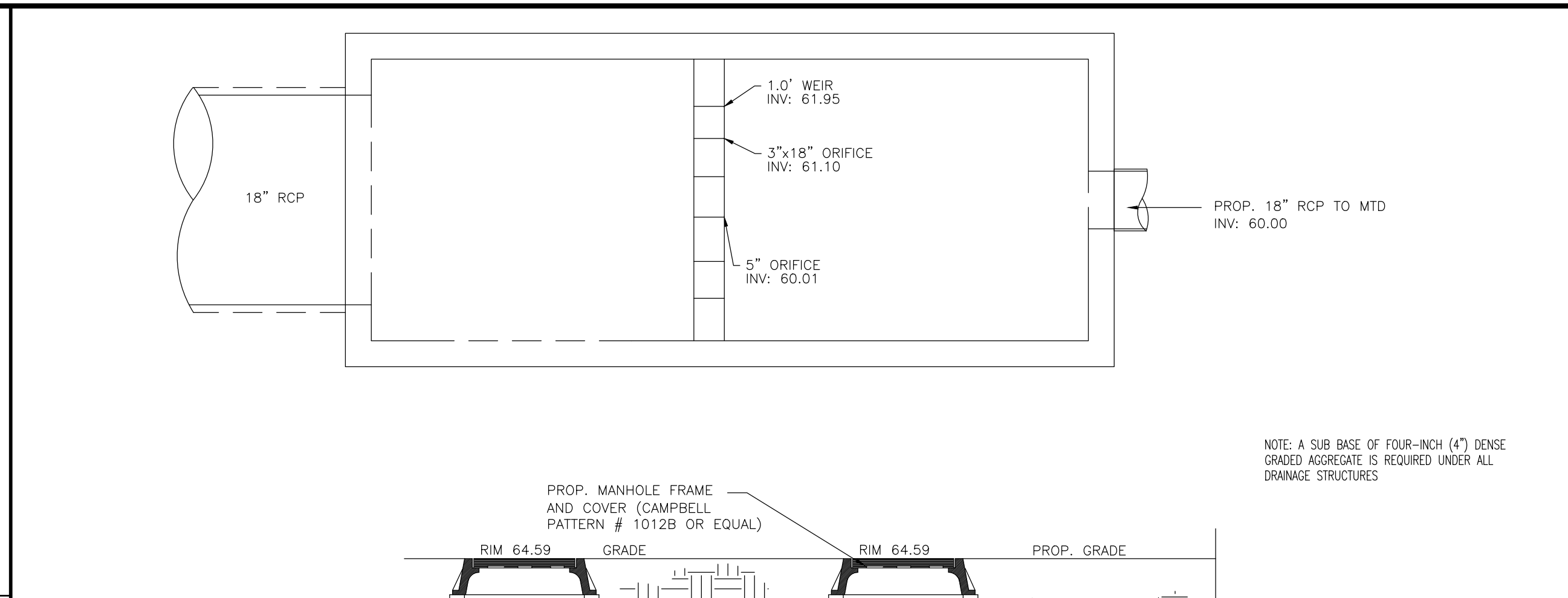
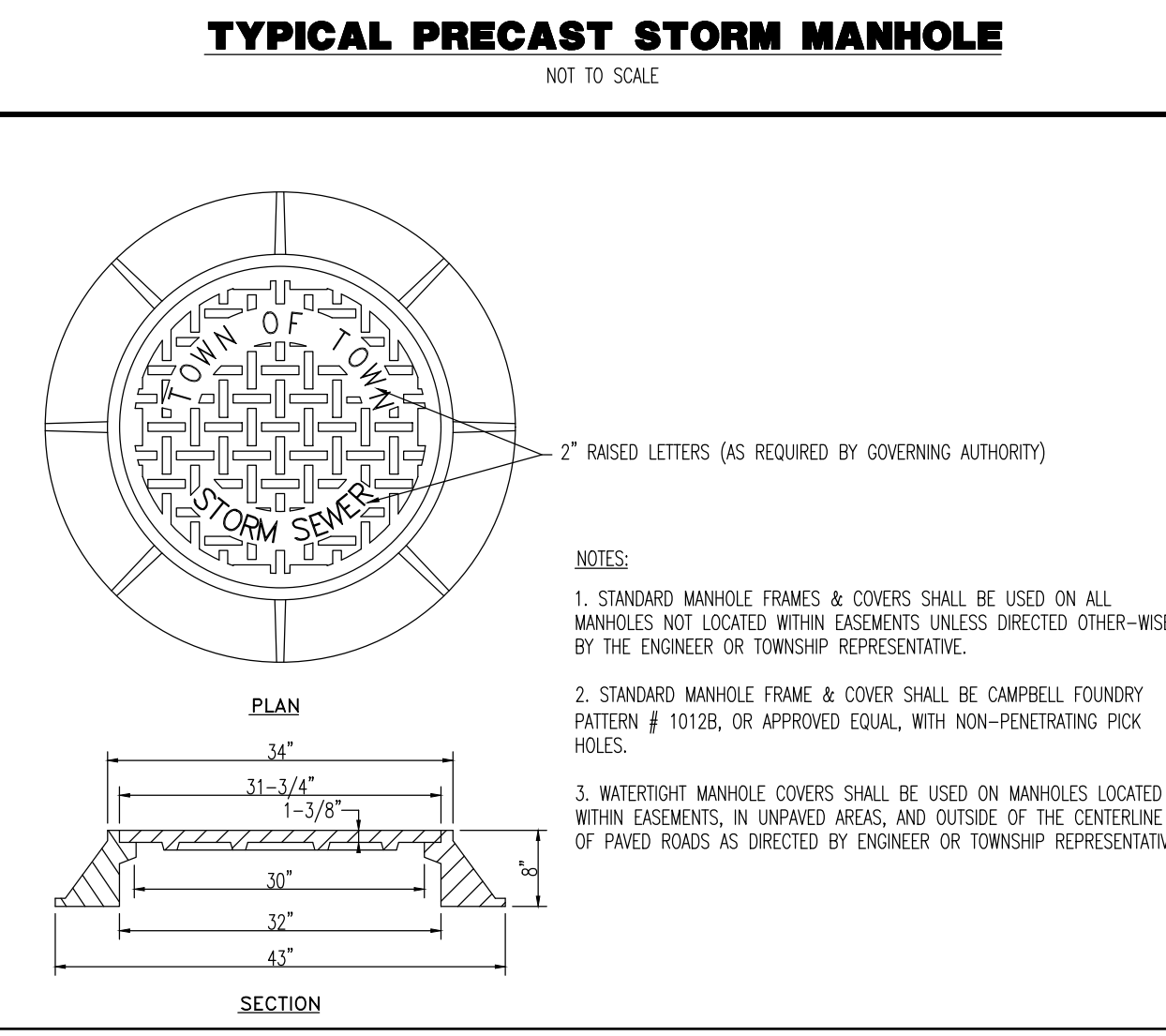
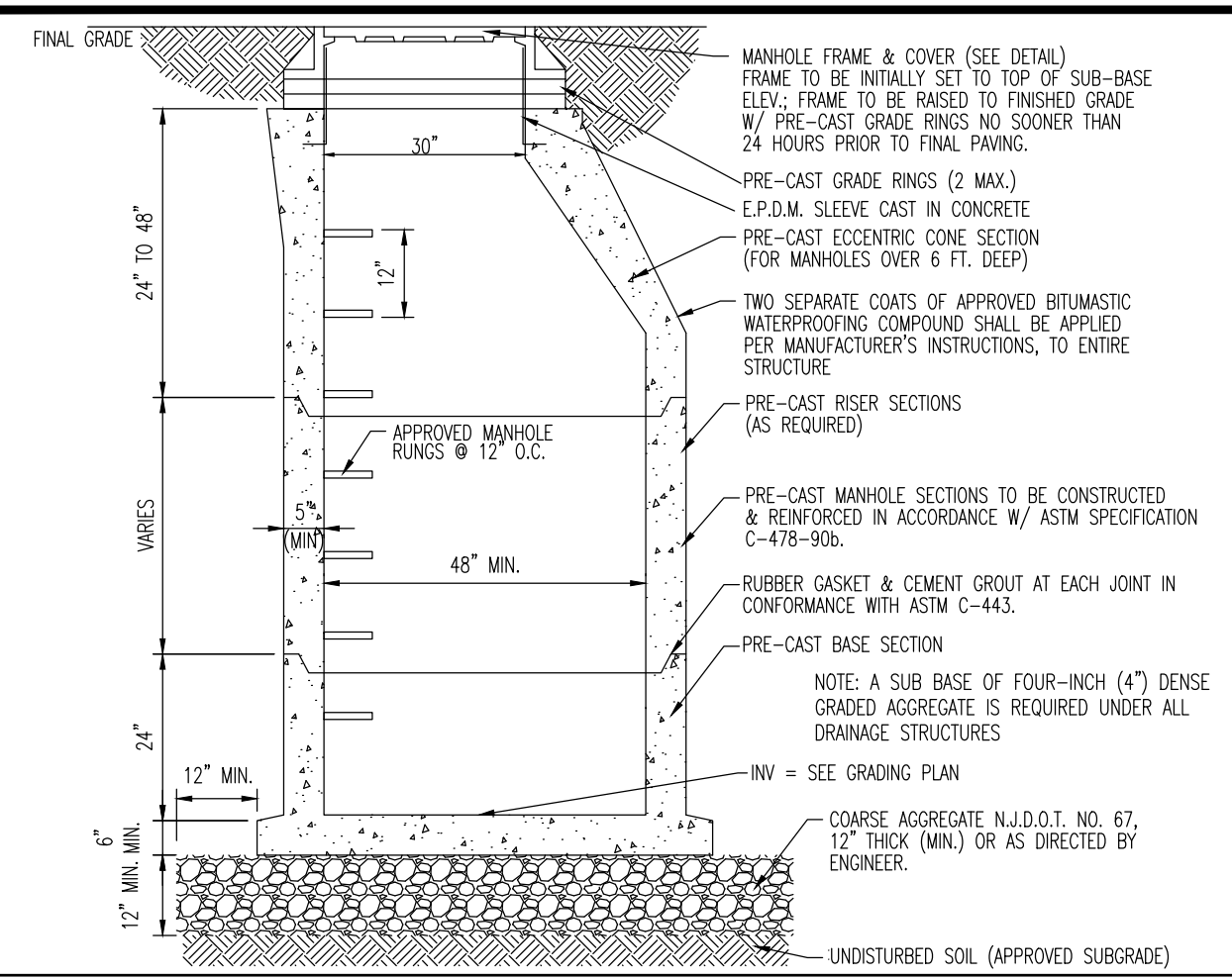
**JOHN A. PALUS** | **THOMAS J. MULLER**  
PROFESSIONAL ENGINEER | PROFESSIONAL ENGINEER  
NEW JERSEY LICENSE No. 41975 | NEW JERSEY LICENSE No. 52179

811 PROTECT YOURSELF  
ALL UTILITIES REQUIRE NOTIFICATION OF LOCATION, DEPTH, OR ANY OTHER INFORMATION PRIOR TO ANY EXCAVATION OR DRILLING. CALL 811 OR VISIT WWW.CALL811.COM

Rev. # 3

Product Ver: 24.1s (LMS Tech)  
 Filed: P:\pccp projects\1279 rpm development\_group\98-010 lawrence\dwg\Site Plans\14 CONSTRUCTION DETAILS  
 Plotted: 12/09/22 - 2:28 PM, By: gowdrick, group: 98-010 lawrence





THIS PLAN SET IS FOR PERMITTING PURPOSES ONLY AND MAY NOT BE USED FOR CONSTRUCTION

**DYNAMIC ENGINEERING**  
LAND DEVELOPMENT CONSULTING • PERMITTING • GEOTECHNICAL • ENVIRONMENTAL • SURVEY • PLANNING & ZONING

1904 Main Street  
Lake Como, NJ 07719  
T: 732.974.0198  
F: 732.974.3521  
www.dynamiceng.com

PROJECT: **RPM DEVELOPMENT, LLC**  
**PROPOSED RESIDENTIAL DEVELOPMENT**  
BLOCK 2001, LOT 2.02  
2495 BRUNSWICK PIKE (A.K.A. ALT ROUTE 1)  
TOWNSHIP OF LAWRENCE, MERCER COUNTY, NEW JERSEY

JOB No: 1279-99-010 DATE: 04/15/2020

DRAWN BY: RAU SCALE: (H) NOT TO (V) SCALE

DESIGNED BY: LPG SHEET No:

CHECKED BY: TJM

**JOHN A. PALUS** **THOMAS J. MULLER**  
PROFESSIONAL ENGINEER NEW JERSEY LICENSE No. 41975  
PROFESSIONAL ENGINEER NEW JERSEY LICENSE No. 52179

811 PROTECT YOURSELF  
ALL UTILITIES REQUIRE NOTIFICATION OF LOCATING, MARKING, OR ANY OTHER PREPARING TO BEGIN THE DIGGING SERVICE NUMBERED BY 811.  
FOR STATE-SPECIFIC DIRECT PHONE NUMBERS VISIT: WWW.CALL811.COM

Rev. # 3

Plotted: 12/09/22 - 2:28 PM. By: gowdrick, Product Ver: 24.1s (LMS Tech)  
File: P:\pccp projects\1279 rpm development group\99-010 lawrence\dwg\Site Plans\16 CONSTRUCTION DETAILS



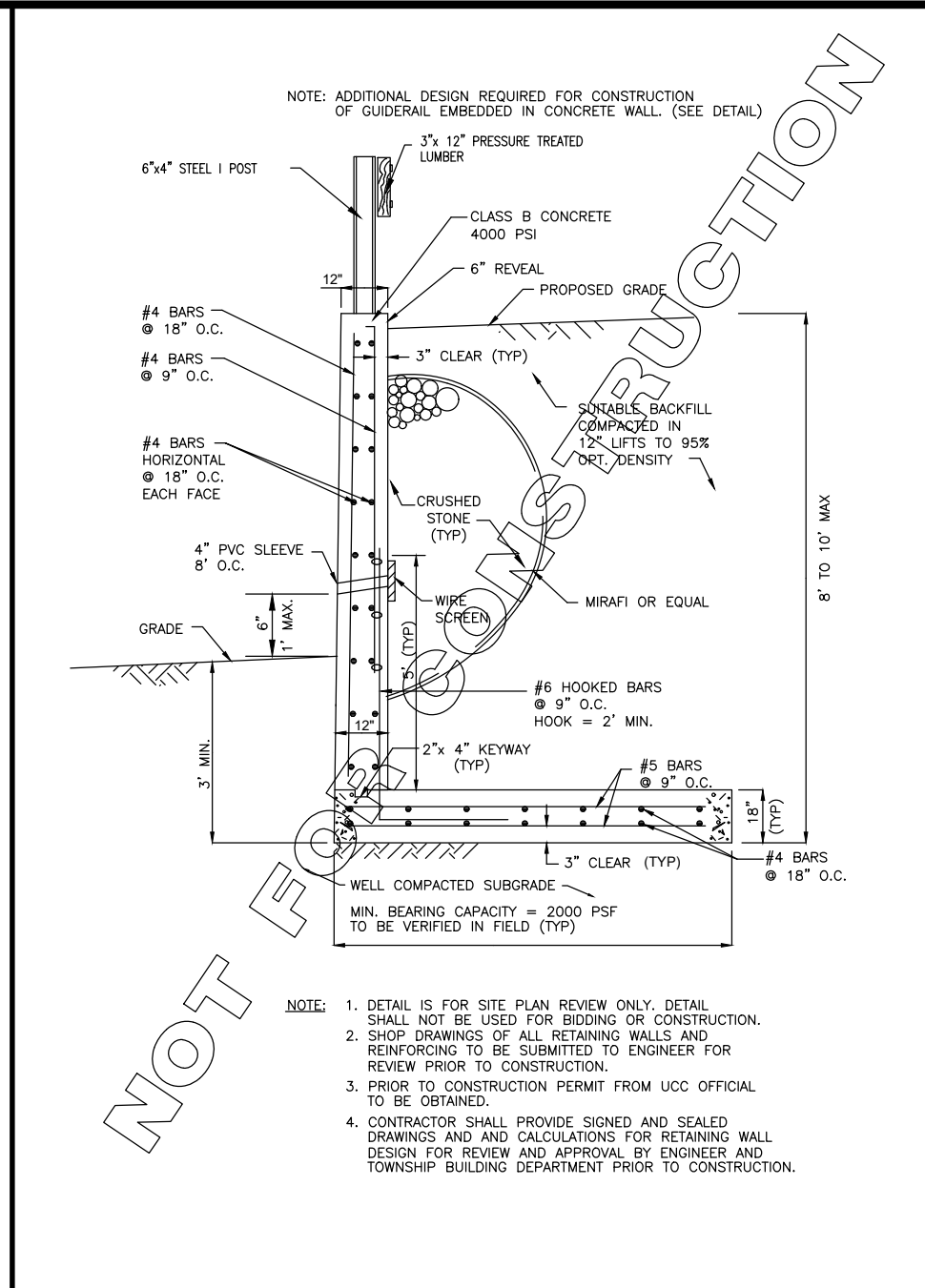
### STANDARD FOR TEMPORARY VEGETATIVE COVER FOR SOIL STABILIZATION

- SITE PREPARATION**
  - GRADE AS NEEDED AND FEASIBLE TO PERMIT THE USE OF CONVENTIONAL EQUIPMENT FOR SEEDBED PREPARATION, SEEDING, MULCH APPLICATION, AND MULCH ANCHORING. ALL GRADING SHOULD BE DONE IN ACCORDANCE WITH STANDARDS FOR LAND GRADING, PG. 19-1.
  - INSTALL NEEDED EROSION CONTROL PRACTICES OR FACILITIES SUCH AS DIVERSIONS, GRADE STABILIZATION STRUCTURES, CHANNEL STABILIZATION MEASURES, SEDIMENT BASINS, AND WATERWAYS. SEE STANDARDS 11 THROUGH 42.
  - IMMEDIATELY PRIOR TO SEEDING, THE SURFACE SHOULD BE SCARIFIED 6" TO 12" WHERE THERE HAS BEEN SOIL COMPACTION. THIS PRACTICE IS PERMISSIBLE ONLY WHERE THERE IS NO DANGER TO UNDERGROUND UTILITIES (CABLES, IRRIGATION SYSTEMS, ETC.).
- SEEDBED PREPARATION**
  - APPLY GROUND LIME/STONE AND FERTILIZER ACCORDING TO SOIL TEST RECOMMENDATIONS SUCH AS OFFERED BY RUTGERS CO-OPERATIVE EXTENSION. SOIL SAMPLE MAILERS ARE AVAILABLE FROM THE LOCAL RUTGERS CO-OPERATIVE EXTENSION OFFICES.
    - FERTILIZER SHALL BE APPLIED AT THE RATE OF 500 POUNDS PER ACRE OR 11 POUNDS PER 1,000 SQUARE FEET OF 10-20-10 OR EQUIVALENT WITH 50% WATER INSOLUBLE NITROGEN UNLESS A SOIL TEST INDICATES OTHERWISE.
    - LIME/STONE IS THE EQUIVALENT AND STANDARD FOR MEASURING THE ABILITY OF LIMING MATERIALS TO NEUTRALIZE SOIL ACIDITY AND SUPPLY CALCIUM AND MAGNESIUM TO GRASSES AND LEGUMES.
  - WORK LIME AND FERTILIZER INTO THE SOIL AS NEARLY AS PRACTICAL TO A DEPTH OF 4 INCHES WITH A DISC, SPRINGTOOTH HARROW, OR OTHER SUITABLE EQUIPMENT. THE FINAL HARROWING OR DISKING OPERATION SHOULD BE ON THE GENERAL CONTOUR. CONTINUE TILLAGE UNTIL A REASONABLE UNIFORM SEEDBED IS PREPARED.
  - INSPECT SEEDBED JUST BEFORE SEEDING. IF TRAFFIC HAS LEFT THE SOIL COMPACTED, THE AREA MUST BE RETILED IN ACCORDANCE WITH THE ABOVE.
  - SOILS HIGH IN SULFIDES OR HAVING A PH OF 4 OR LESS REFER TO STANDARD FOR MANAGEMENT OF HIGH ACID PRODUCING SOILS, PG. 1-1.
- SEEDING**
  - TEMPORARY VEGETATIVE STABILIZATION GRASSES, SEEDING RATES, DATES AND DEPTHS
    - Cool Season Grasses:
      - PERENNIAL RYEGRASS - 100 LBS / ACRE; PLANT BETWEEN MARCH 1 AND MAY 15 BETWEEN AUGUST 15 AND OCTOBER 1; AT A DEPTH OF 0.5 INCHES.
      - SPRING OATS - 86 LBS / ACRE; PLANT BETWEEN MARCH 1 AND MAY 15 BETWEEN AUGUST 15 AND OCTOBER 1; AT A DEPTH OF 1.0 INCHES.
      - WINTER BARLY - 96 LBS / ACRE; PLANT BETWEEN AUGUST 15 AND OCTOBER 1; AT A DEPTH OF 1.0 INCHES.
      - ANNUAL RYEGRASS - 100 LBS / ACRE; PLANT BETWEEN MARCH 1 AND JUNE 15 BETWEEN AUGUST 1 AND SEPTEMBER 15; AT A DEPTH OF 0.5 INCHES.
      - WINTER CEREAL RYE - 112 LBS / ACRE; PLANT BETWEEN AUGUST 1 AND NOVEMBER 15; AT A DEPTH OF 1.0 INCHES.
    - Warm Season Grasses:
      - PEARL MILLET - 20 LBS / ACRE; PLANT BETWEEN MAY 15 AND AUGUST 15; AT A DEPTH OF 1.0 INCHES.
      - MILLET (GERMAN OR HUNGARIAN) - 30 LBS / ACRE; PLANT BETWEEN MAY 15 AND AUGUST 15; AT A DEPTH OF 1.0 INCHES.
  - CONVENTIONAL SEEDING: APPLY SEED UNIFORMLY BY HAND, CYCLONE (CENTRIFUGAL) SEEDER, DROP SEEDER, DRILL OR OUTPACKER SEEDER. EXCEPT FOR DRILLED, HYDROSEEDER OR OUTPACKED SEEDINGS, SEED SHALL BE INCORPORATED INTO THE SOIL TO A DEPTH OF 1/4 TO 1/2 INCH, BY RAKING OR DRAGGING. DEPTH OF SEED PLACEMENT MAY BE 1/4 INCH DEEPER ON COARSE TEXTURED SOIL.
  - HYDROSEEDING IS A BROADCAST SEEDING METHOD USUALLY INVOLVING A TRUCK OR TRAILER MOUNTED TANK, WITH AN AGITATION SYSTEM AND HYDRAULIC PUMP FOR MIXING SEED, WATER AND FERTILIZER AND SPRAYING THE MIX ONTO THE PREPARED SEEDBED. MULCH SHALL NOT BE INCLUDED IN THE TANK WITH SEED. SHORT FIBERED MULCH MAY BE APPLIED WITH A HYDROSEEDER FOLLOWING SEEDING. (ALSO SEE SECTION 11 MULCHING) HYDROSEEDING IS NOT A PREFERRED SEEDING METHOD BECAUSE SEED AND FERTILIZER ARE APPLIED TO THE SURFACE AND NOT INCORPORATED INTO THE SOIL. POOR SEED TO SOIL CONTACT OCCURS REDUCING SEED GERMINATION AND GROWTH. HYDROSEEDING MAY BE USED FOR AREAS TOO STEEP FOR CONVENTIONAL EQUIPMENT TO TRAVERSE OR TOO OBSTRUCTED WITH ROCKS, STUMPS, ETC.
  - AFTER SEEDING, FIRING THE SOIL WITH A CORRUGATED ROLLER WILL ASSURE GOOD SEED-TO-SOIL CONTACT, RESTORE CAPILLARITY, AND IMPROVE SEEDLING EMERGENCE. THIS IS THE PREFERRED METHOD. WHEN PERFORMED ON THE CONTOUR, SHEET EROSION WILL BE MINIMIZED AND WATER CONSERVATION ON SITE WILL BE MAXIMIZED.
- MULCHING**

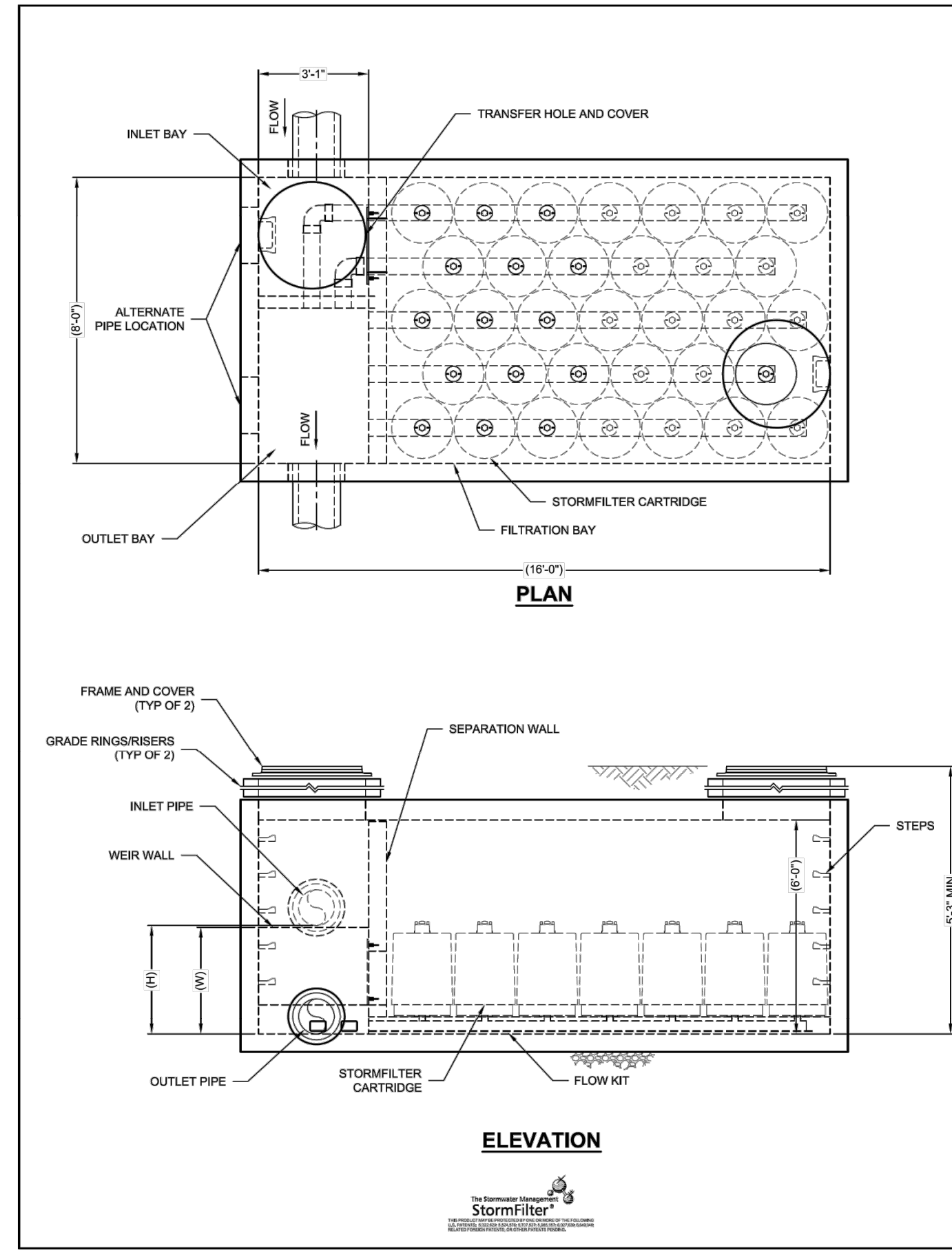
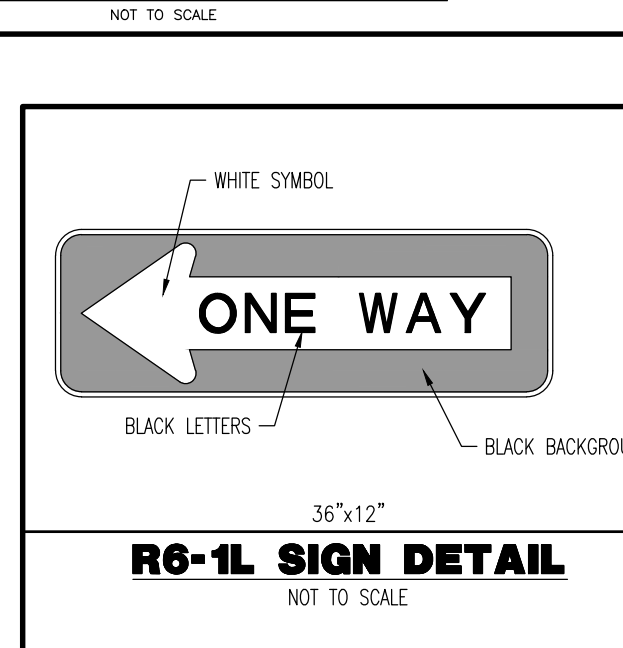
MULCHING IS REQUIRED ON ALL SEEDING. MULCH WILL INSURE AGAINST EROSION BEFORE GRASS IS ESTABLISHED AND WILL PROMOTE FASTER AND EARLIER ESTABLISHMENT. THE EXISTENCE OF VEGETATION SUFFICIENT TO CONTROL SOIL EROSION SHALL BE DEEMED COMPLIANCE WITH THIS MULCHING REQUIREMENT.

  - STRAW OR HAY UNROOTED SMALL GRASS STRAW, HAY FREE OF SEEDS, APPLIED AT THE RATE OF 1-1/2 TO 2 TONS PER ACRE (70 TO 90 POUNDS PER 1,000 SQUARE FEET), EXCEPT THAT WHERE A CRUMPER IS USED INSTEAD OF A LIQUID MULCH-BINDER (TACKIFYING OR ADHESIVE AGENT), THE RATE OF APPLICATION IS 3 TONS PER ACRE. MULCH CHOPPER-BLOWERS MUST NOT GRIND THE MULCH. HAY MULCH IS NOT RECOMMENDED FOR ESTABLISHING FINE TURF OR LAWNS DUE TO THE PRESENCE OF WEED SEED.
  - APPLICATION: SPREAD MULCH UNIFORMLY BY HAND OR MECHANICALLY SO THAT APPROXIMATELY 95% OF THE SOIL SURFACE WILL BE COVERED. FOR UNIFORM DISTRIBUTION OF HAND-SPREAD MULCH, DIVIDE AREA INTO APPROXIMATELY 1,000 SQUARE FEET SECTIONS AND DISTRIBUTE 70 TO 90 POUNDS WITHIN EACH SECTION.
  - ANCHORING SHALL BE ACCOMPLISHED IMMEDIATELY AFTER PLACEMENT TO MINIMIZE LOSS BY WIND OR WATER. THIS MAY BE DONE BY ONE OF THE FOLLOWING METHODS IN ACCORDANCE WITH THE STATE STANDARDS, DEPENDING UPON THE SIZE OF THE AREA, STEEPNESS OF SLOPES, AND COST.
    - PEE AND TWINE
    - MULCH NETTINGS
    - CRUMPER MULCH ANCHORING COULTER TOOL
    - LIQUID MULCH-BINDERS
  - WOOD-FIBER OR PAPER-FIBER MULCH SHALL BE MADE FROM WOOD, PLANT FIBERS OR PAPER CONTAINING NO GROWTH OR GERMINATION INHIBITING MATERIALS, USED AT THE RATE OF 1,500 POUNDS PER ACRE (OR AS RECOMMENDED BY THE PROJECT MANUFACTURER) AND MAY BE APPLIED BY A HYDROSEEDER. THIS MULCH SHALL NOT BE MIXED IN THE TANK WITH SEED. USE IS LIMITED TO FLATTER SLOPES AND DURING OPTIMUM SEEDING PERIODS IN SPRING AND FALL.
  - PELLETIZED MULCH - COMPRESSED AND EXTRUDED PAPER AND/OR WOOD FIBER PRODUCT, WHICH MAY CONTAIN CO-POLYMERS, TACKIFIERS, FERTILIZERS AND COLORING AGENTS, THE DRY PELLETS, WHEN APPLIED TO A SEEDBED AREA AND WATERED, FORM A MULCH MAT. PELLETIZED MULCH SHALL BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. MULCH MAY BE APPLIED BY HAND OR MECHANICAL SPREADER AT THE RATE OF 60-75 LBS/1,000 SQUARE FEET AND ACTIVATED WITH 0.2 TO 0.4 INCHES OF WATER. THIS MATERIAL HAS BEEN FOUND TO BE BENEFICIAL FOR USE ON SMALL LAWN OR RENOVATION AREAS, SEEDBED AREAS WHERE WEED-SEED FREE MULCH IS DESIRED OR ON SITES WHERE STRAW MULCH AND TACKIFYER AGENT ARE NOT PRACTICAL OR DESIRABLE.

APPLYING THE FULL 0.2 TO 0.4 INCHES OF WATER AFTER SPREADING PELLETIZED MULCH ON THE SEED BED IS EXTREMELY IMPORTANT FOR SUFFICIENT ACTIVATION AND EXPANSION OF THE MULCH TO PROVIDE SOIL COVERAGE.



### CANTILEVERED CONCRETE RETAINING WALL DETAIL

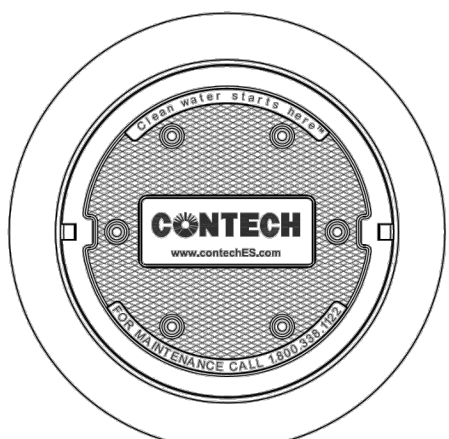


#### STORMFILTER DESIGN NOTES

- THE 8' x 16' PEAK DIVERSION STORMFILTER TREATMENT CAPACITY VARIES BY CARTRIDGE COUNT AND LOCALLY APPROVED SURFACE AREA.
- SPECIFIC FLOW RATE, PEAK CONVEYANCE CAPACITY TO BE DETERMINED BY ENGINEER OF RECORD.
- THE PEAK DIVERSION STORMFILTER IS AVAILABLE IN A LEFT INLET (AS SHOWN) OR RIGHT INLET CONFIGURATION.
- ALL PARTS AND INTERNAL ASSEMBLY PROVIDED BY CONTECH UNLESS OTHERWISE NOTED.

CARTRIDGE HEIGHT	27"	18"	LOW DROP
RECOMMENDED HYDRAULIC DROP (H)	3.66'	2.3'	1.8'
HEIGHT OF WEIR (W)	3.02'	2.3'	1.8'
SPECIFIC FLOW RATE (gpm/ft)	2 gpm/ft	1.67 gpm/ft	1 gpm/ft
CARTRIDGE FLOW RATE (gpm)	22.5	18.78	11.25
	15	12.83	7.5
	10	8.35	5

\* 1.67 gpm/ft SPECIFIC FLOW RATE IS APPROVED WITH PHOSPHOBOR® (PSORB) MEDIA ONLY



FRAME AND COVER (DIAMETER VARIES) N.T.S.

#### SITE SPECIFIC DATA REQUIREMENTS

STRUCTURE ID	*	*
WATER QUALITY FLOW RATE (cfs)	*	*
PEAK FLOW RATE (cfs)	*	*
RETURN PERIOD OF PEAK FLOW (yrs)	*	*
WATER QUALITY FLOW RATE (cfs)	*	*
NUMBER OF CARTRIDGES REQUIRED	*	*
CARTRIDGE FLOW RATE	*	*
MEDIA TYPE (PELLET, PPG, PSORB)	*	*
PIPE DATA:		
INLET PIPE	1.5"	DIAMETER
OUTLET PIPE	*	*
UPSTREAM RIM ELEVATION	*	*
DOWNSTREAM RIM ELEVATION	*	*
ANTI-FLOTATION BALLAST	WIDTH	HEIGHT

NOTES/SPECIAL REQUIREMENTS:  
\* PER ENGINEER OF RECORD

#### PERFORMANCE SPECIFICATION

FILTER CARTRIDGES SHALL BE MEDIA-FILLED, PASSIVE, SIPHON ACTUATED, RADIAL FLOW AND SELF-CLEANING. RADIAL MEDIA DEPTH SHALL BE 8 INCHES. FILTER MEDIA CONTACT TIME SHALL BE AT LEAST 30 SECONDS.

SPECIFIC FLOW RATE SHALL BE 2 GPM/FT (MAXIMUM). SPECIFIC FLOW RATE IS THE MEASURE OF THE FLOW (GPM) DIVIDED BY THE MEDIA SURFACE CONTACT AREA (SF). MEDIA VOLUMETRIC FLOW RATE SHALL BE 6 GPM/CF OF MEDIA (MAXIMUM).

#### GENERAL NOTES

- CONTECH TO PROVIDE ALL MATERIALS UNLESS NOTED OTHERWISE.
- DIMENSIONS MARKED WITH 1 ARE REFERENCE DIMENSIONS. ACTUAL DIMENSIONS MAY VARY.
- FOR FABRICATION DRAWINGS WITH DETAILED STRUCTURE DIMENSIONS AND WEIGHTS, PLEASE CONTACT YOUR CONTECH REPRESENTATIVE. www.contech.com
- STORMFILTER WATER QUALITY STRUCTURE SHALL BE IN ACCORDANCE WITH ALL DESIGN DATA AND INFORMATION CONTAINED IN THIS DRAWING. CONTRACTOR TO CONFIRM STRUCTURE MEETS REQUIREMENTS OF PROJECT.
- STRUCTURE SHALL MEET AASHTO M318 LOAD RATING, ASSUMING EARTH COVER OF 0' AND HEAD/UNDERWATER ELEVATION AT, OR BELOW, THE OUTLET PIPE INVERT ELEVATION. ENGINEER OF RECORD TO CONFIRM ACTUAL GROUNDWATER ELEVATION. CASTINGS SHALL MEET AASHTO M318 AND BE CAST WITH THE CONTECH LOGO.

#### INSTALLATION NOTES

- ANY SUBBASE, BACKFILL DEPTH, AND/OR ANTI-FLOTATION PROVISIONS ARE SITE-SPECIFIC DESIGN CONSIDERATIONS AND SHALL BE SPECIFIED BY ENGINEER OF RECORD.
- CONTRACTOR TO PROVIDE EQUIPMENT WITH SUFFICIENT LIFTING AND REACH CAPACITY TO LIFT AND SET THE STORMFILTER STRUCTURE (LIFTING CLUTCHES PROVIDED).
- CONTRACTOR TO INSTALL ANTI-BEAMT BETWEEN ALL SECTIONS AND ASSEMBLE STRUCTURE.
- CONTRACTOR TO PROVIDE, INSTALL, AND COVER PIPES. MATCH OUTLET PIPE INVERT WITH OUTLET BAY FLOOR.
- CONTRACTOR TO TAKE APPROPRIATE MEASURES TO PROTECT CARTRIDGES FROM CONSTRUCTION-RELATED EROSION RUNOFF.
- CONTRACTOR TO REMOVE THE TRANSFER HOLE COVER WHEN THE SYSTEM IS BROUGHT ONLINE.



THE STORMWATER MANAGEMENT STORMFILTER 8' x 16' PEAK DIVERSION STORMFILTER STANDARD DETAIL

### STORM FILTER DESIGN DETAIL

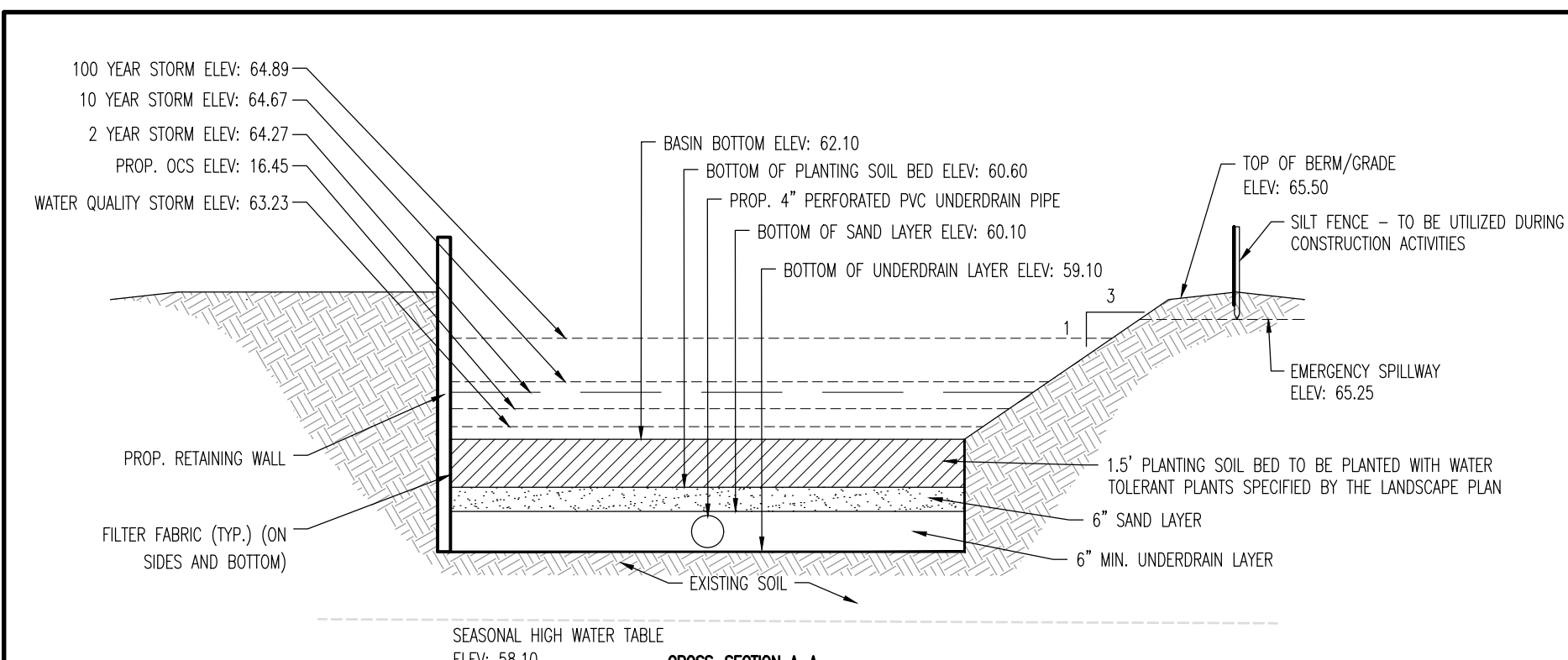
### STANDARD FOR PERMANENT VEGETATIVE COVER FOR SOIL STABILIZATION

- SITE PREPARATION**
  - GRADE AS NEEDED AND FEASIBLE TO PERMIT THE USE OF CONVENTIONAL EQUIPMENT FOR SEEDBED PREPARATION, SEEDING, MULCH APPLICATION, AND MULCH ANCHORING. ALL GRADING SHOULD BE DONE IN ACCORDANCE WITH STANDARDS FOR LAND GRADING.
  - IMMEDIATELY PRIOR TO TOPSOIL APPLICATION, THE SUBSOIL SHALL BE EVALUATED FOR COMPACTION IN ACCORDANCE WITH THE STANDARD FOR LAND GRADING.
  - TOPSOIL SHOULD BE HANDLED ONLY WHEN IT IS DRY ENOUGH TO WORK WITHOUT DAMAGING THE SOIL STRUCTURE. A UNIFORM APPLICATION TO A DEPTH OF 5 INCHES (UNSETTLED) IS REQUIRED ON ALL SITES. TOPSOIL SHALL BE AMENDED WITH ORGANIC MATTER, AS NEEDED, IN ACCORDANCE WITH THE STANDARD FOR TOPSOILING.
  - INSTALL NEEDED EROSION CONTROL PRACTICES OR FACILITIES SUCH AS DIVERSIONS, GRADE-STABILIZATION STRUCTURES, CHANNEL STABILIZATION MEASURES, SEDIMENT BASINS, AND WATERWAYS.
- SEEDBED PREPARATION**
  - UNIFORMLY APPLY GROUND LIME/STONE AND FERTILIZER TO TOPSOIL WHICH HAS BEEN SPREAD AND FIRMED, ACCORDING TO SOIL TEST RECOMMENDATIONS SUCH AS OFFERED BY RUTGERS CO-OPERATIVE EXTENSION SOIL SAMPLE MAILERS ARE AVAILABLE FROM THE LOCAL RUTGERS CO-OPERATIVE EXTENSION OFFICES (HTTP://WWW.RUTGERS.EDU/COUNTY/).
    - FERTILIZER SHALL BE APPLIED AT THE RATE OF 500 POUNDS PER ACRE OR 11 POUNDS PER 1,000 SQUARE FEET OF 10-20-10 OR EQUIVALENT WITH 50% WATER INSOLUBLE NITROGEN UNLESS A SOIL TEST INDICATES OTHERWISE AND INCORPORATED INTO THE SURFACE 4 INCHES. IF FERTILIZER IS NOT INCORPORATED, APPLY ONE-HALF THE RATE DESCRIBED ABOVE DURING SEEDBED PREPARATION AND REPEAT ANOTHER ONE-HALF RATE APPLICATOR WITHIN 1-2 WEEKS AFTER SEEDING.
  - WORK LIME AND FERTILIZER INTO THE TOPSOIL AS NEARLY AS PRACTICAL TO A DEPTH OF 4 INCHES WITH A DISC, SPRING-TOOTH HARROW, OR OTHER SUITABLE EQUIPMENT. THE FINAL HARROWING OR DISKING OPERATION SHOULD BE ON THE GENERAL CONTOUR. CONTINUE TILLAGE UNTIL A REASONABLE UNIFORM SEEDBED IS PREPARED.
  - HIGH ACID PRODUCING SOILS HAVING A PH OF 4 OR LESS OR CONTAINING IRON SULFIDE SHALL BE COVERED WITH A MINIMUM OF 12 INCHES OF SOIL HAVING A PH OF 5 OR MORE BEFORE INITIATING SEEDBED PREPARATION. SEE STANDARD FOR MANAGEMENT OF HIGH ACID-PRODUCING SOILS FOR SPECIFIC REQUIREMENTS.
- SEEDING**
  - PERMANENT VEGETATIVE MIXTURES & PLANTING RATES
 

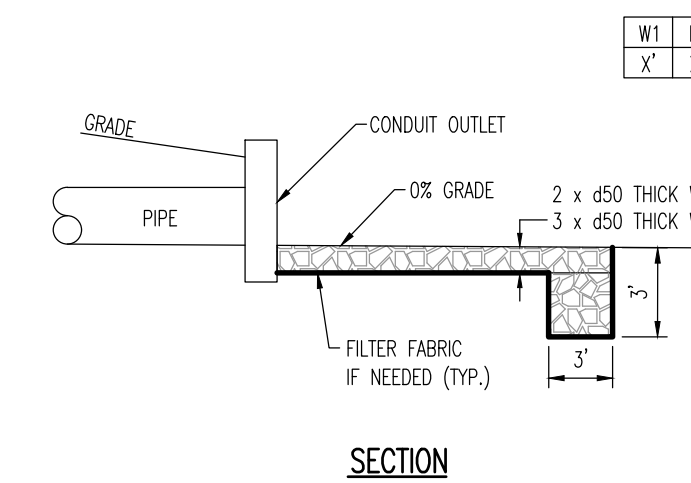
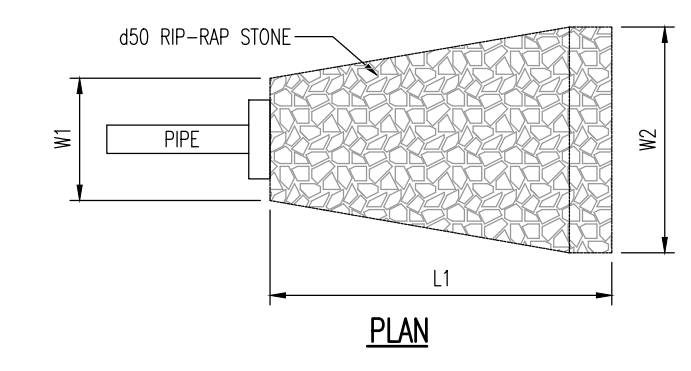
(1) HARD FESCUE - 175 LBS/ACRE	4 LBS/1000 SQ.FT.
(2) CHEWING FESCUE - 175 LBS/ACRE	4 LBS/1000 SQ.FT.
(3) STRONG CREeping RED FESCUE - 175 LBS/ACRE	4 LBS/1000 SQ.FT.
(4) PERENNIAL RYEGRASS - 45 LBS/ACRE	1 LBS/1000 SQ.FT.
(5) KY. BLUEGRASS - 45 LBS/ACRE	1 LBS/1000 SQ.FT.
  - CONVENTIONAL SEEDING IS PERFORMED BY APPLYING SEED UNIFORMLY BY HAND, CYCLONE (CENTRIFUGAL) SEEDER, DROP SEEDER, DRILL OR OUTPACKER SEEDER. EXCEPT FOR DRILLED, HYDROSEEDER OR OUTPACKED SEEDINGS, SEED SHALL BE INCORPORATED INTO THE SOIL WITHIN 24 HOURS OF SEEDBED PREPARATION TO A DEPTH OF 1/4 TO 1/2 INCH, BY RAKING OR DRAGGING. DEPTH OF SEED PLACEMENT MAY BE 1/4 INCH DEEPER ON COARSE-TEXTURED SOIL.
  - AFTER SEEDING, FIRING THE SOIL WITH A CORRUGATED ROLLER WILL ASSURE GOOD SEED-TO-SOIL CONTACT, RESTORE CAPILLARITY, AND IMPROVE SEEDLING EMERGENCE. THIS IS THE PREFERRED METHOD. WHEN PERFORMED ON THE CONTOUR, SHEET EROSION WILL BE MINIMIZED AND WATER CONSERVATION ON SITE WILL BE MAXIMIZED.
  - HYDROSEEDING IS A BROADCAST SEEDING METHOD USUALLY INVOLVING A TRUCK, OR TRAILER-MOUNTED TANK, WITH AN AGITATION SYSTEM AND HYDRAULIC PUMP FOR MIXING SEED, WATER AND FERTILIZER AND SPRAYING THE MIX ONTO THE PREPARED SEEDBED. MULCH SHALL NOT BE INCLUDED IN THE TANK WITH SEED. SHORT-FIBERED MULCH MAY BE APPLIED WITH A HYDROSEEDER FOLLOWING SEEDING. (ALSO SEE SECTION 11 MULCHING BELOW) HYDROSEEDING IS NOT A PREFERRED SEEDING METHOD BECAUSE SEED AND FERTILIZER ARE APPLIED TO THE SURFACE AND NOT INCORPORATED INTO THE SOIL. WHEN POOR SEED TO SOIL CONTACT OCCURS, THERE IS A REDUCED SEED GERMINATION AND GROWTH.
- MULCHING**

MULCHING IS REQUIRED ON ALL SEEDING. MULCH WILL PROTECT AGAINST EROSION BEFORE GRASS IS ESTABLISHED AND WILL PROMOTE FASTER AND EARLIER ESTABLISHMENT. THE EXISTENCE OF VEGETATION SUFFICIENT TO CONTROL SOIL EROSION SHALL BE DEEMED COMPLIANCE WITH THIS MULCHING REQUIREMENT.

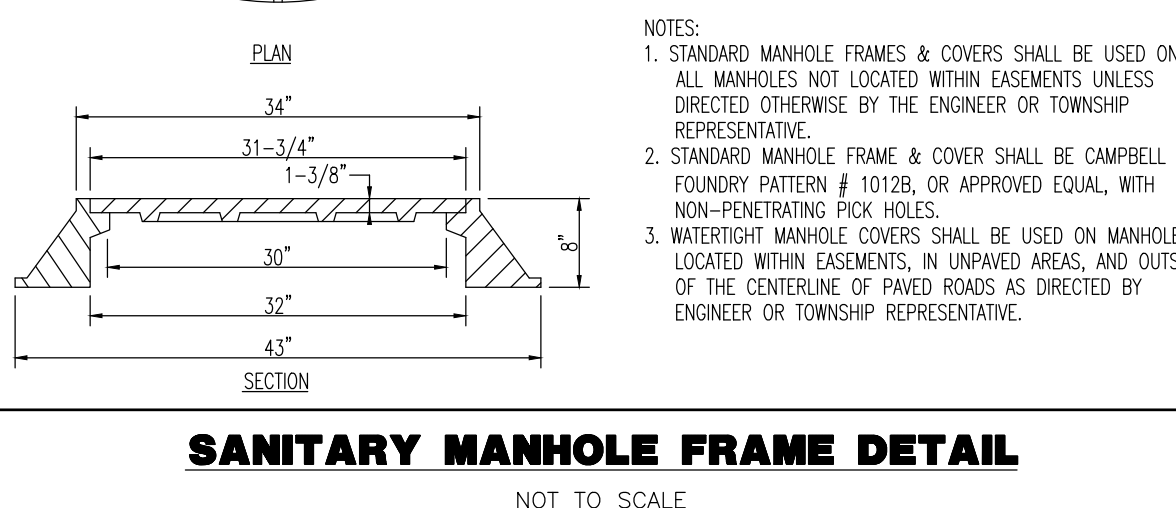
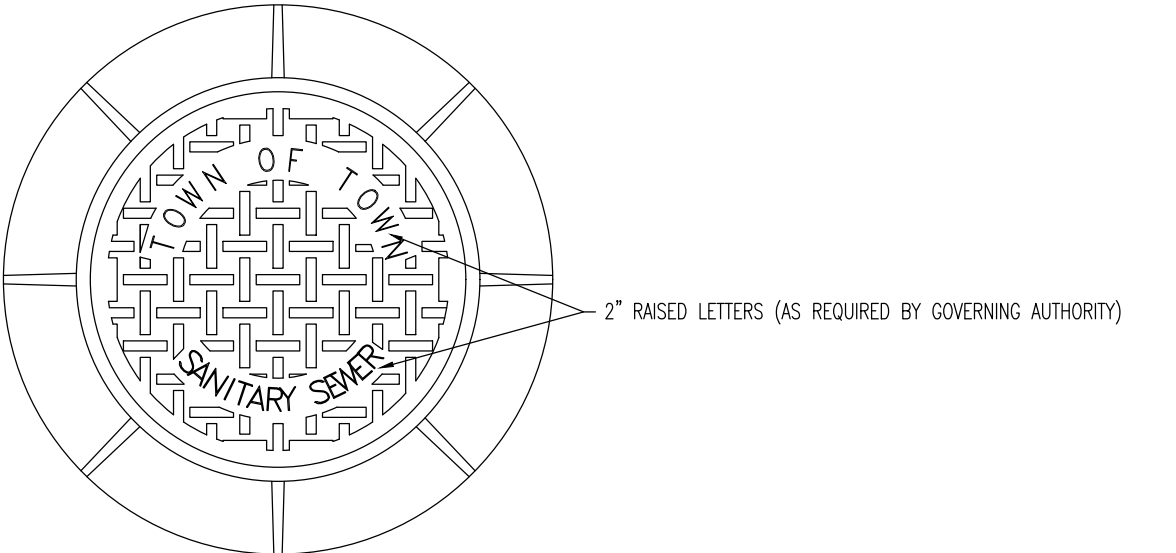
  - STRAW OR HAY UNROOTED SMALL GRASS STRAW, HAY FREE OF SEEDS, APPLIED AT THE RATE OF 1.5 TO 2 TONS PER ACRE (70 TO 90 POUNDS PER 1,000 SQUARE FEET), EXCEPT THAT WHERE A CRUMPER IS USED INSTEAD OF A LIQUID MULCH-BINDER (TACKIFYING OR ADHESIVE AGENT), THE RATE OF APPLICATION IS 3 TONS PER ACRE. MULCH CHOPPER-BLOWERS MUST NOT GRIND THE MULCH. HAY MULCH IS NOT RECOMMENDED FOR ESTABLISHING FINE TURF OR LAWNS DUE TO THE PRESENCE OF WEED SEED.
  - APPLICATION: SPREAD MULCH UNIFORMLY BY HAND OR MECHANICALLY SO THAT APPROXIMATELY 95% OF THE SOIL SURFACE WILL BE COVERED. FOR UNIFORM DISTRIBUTION OF HAND-SPREAD MULCH, DIVIDE AREA INTO APPROXIMATELY 1,000 SQUARE FEET SECTIONS AND DISTRIBUTE 70 TO 90 POUNDS WITHIN EACH SECTION.
  - ANCHORING SHALL BE ACCOMPLISHED IMMEDIATELY AFTER PLACEMENT TO MINIMIZE LOSS BY WIND OR WATER. THIS MAY BE DONE BY ONE OF THE FOLLOWING METHODS IN ACCORDANCE WITH THE STATE STANDARDS, DEPENDING UPON THE SIZE OF THE AREA, STEEPNESS OF SLOPES, AND COST.
    - PEE AND TWINE
    - MULCH NETTINGS
    - CRUMPER MULCH ANCHORING COULTER TOOL
    - LIQUID MULCH-BINDERS
  - WOOD-FIBER OR PAPER-FIBER MULCH - SHALL BE MADE FROM WOOD, PLANT FIBERS OR PAPER CONTAINING NO GROWTH OR GERMINATION INHIBITING MATERIALS, USED AT THE RATE OF 1,500 POUNDS PER ACRE (OR AS RECOMMENDED BY THE PROJECT MANUFACTURER) AND MAY BE APPLIED BY A HYDROSEEDER. MULCH SHALL NOT BE MIXED IN THE TANK WITH SEED. USE IS LIMITED TO FLATTER SLOPES AND DURING OPTIMUM SEEDING PERIODS IN SPRING AND FALL.
  - PELLETIZED MULCH - COMPRESSED AND EXTRUDED PAPER AND/OR WOOD FIBER PRODUCT, WHICH MAY CONTAIN CO-POLYMERS, TACKIFIERS, FERTILIZERS, AND COLORING AGENTS, THE DRY PELLETS, WHEN APPLIED TO A SEEDBED AREA AND WATERED, FORM A MULCH MAT. PELLETIZED MULCH SHALL BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. MULCH MAY BE APPLIED BY HAND OR MECHANICAL SPREADER AT THE RATE OF 60-75 LBS/1,000 SQUARE FEET AND ACTIVATED WITH 0.2 TO 0.4 INCHES OF WATER. THIS MATERIAL HAS BEEN FOUND TO BE BENEFICIAL FOR USE ON SMALL LAWN OR RENOVATION AREAS. SEEDBED AREAS WHERE WEEDSEED FREE MULCH IS DESIRED, OR ON SITES WHERE STRAW MULCH AND TACKIFYER AGENT ARE NOT PRACTICAL OR DESIRABLE. APPLYING THE FULL 0.2 TO 0.4 INCHES OF WATER AFTER SPREADING PELLETIZED MULCH ON THE SEED BED IS EXTREMELY IMPORTANT FOR SUFFICIENT ACTIVATION AND EXPANSION OF THE MULCH TO PROVIDE SOIL COVERAGE.



### BIORETENTION BASIN DETAIL A



### RIP-RAP DETAIL



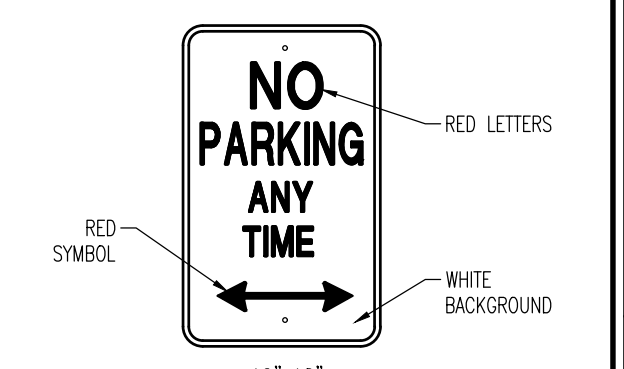
### SANITARY MANHOLE FRAME DETAIL



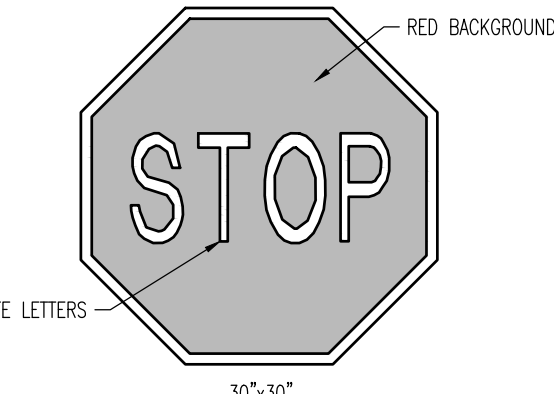
### R9-3BR (MOD) SIGN DETAIL



### R9-3A SIGN DETAIL



### R7-1 SIGN DETAIL



### R1-1 SIGN DETAIL



### R9-3BL (MOD) SIGN DETAIL

THIS PLAN SET IS FOR PERMITTING PURPOSES ONLY AND MAY NOT BE USED FOR CONSTRUCTION

## DYNAMIC ENGINEERING

LAND DEVELOPMENT CONSULTING • PERMITTING • GEOTECHNICAL • ENVIRONMENTAL • SURVEY • PLANNING & ZONING

1904 Main Street  
Lake Como, NJ 07719  
T: 202.914.9100  
F: 202.914.9101  
www.dynamiceng.com

Like Como, New Jersey 1:732.974.0198 | Chester, New Jersey 1:908.879.9229 | Newark, New Jersey 1:973.253.2200 | Toros River, New Jersey 1:732.974.0198  
Allen, Texas 1:972.324.2100 | North, Texas 1:972.324.2100 | Houston, Texas 1:281.789.6400  
Newtown, Pennsylvania 1:202.665.0274 | Dallas, Texas 1:972.912.8570

TITLE: **CONSTRUCTION DETAILS**

PROJECT: **RPM DEVELOPMENT, LLC PROPOSED RESIDENTIAL DEVELOPMENT**  
BLOCK 2001, LOT 2.02  
2495 BRUNSWICK PIKE (A.K.A. ALT ROUTE 1)  
TOWNSHIP OF LAWRENCE, MERCER COUNTY, NEW JERSEY

JOB No: 1279-99-010  
DATE: 04/15/2020  
DRAWN BY: RAU  
DESIGNED BY: LPG  
CHECKED BY: TJM  
CHECKED BY: -

SCALE: (H) NOT TO (V) SCALE  
SHEET No: 17  
Rev. # 24

JOHN A. PALUS  
PROFESSIONAL ENGINEER  
NEW JERSEY LICENSE No. 41975

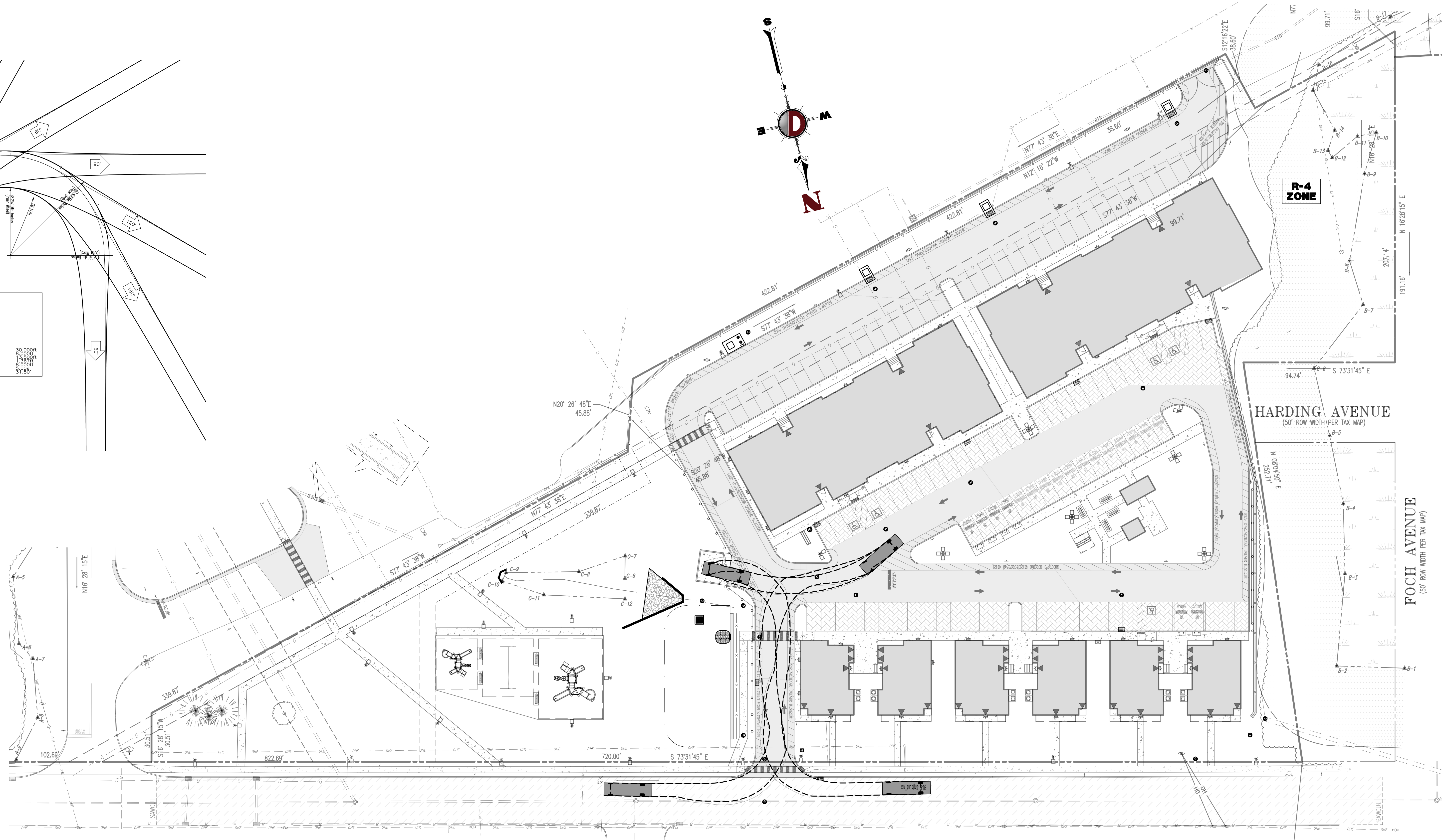
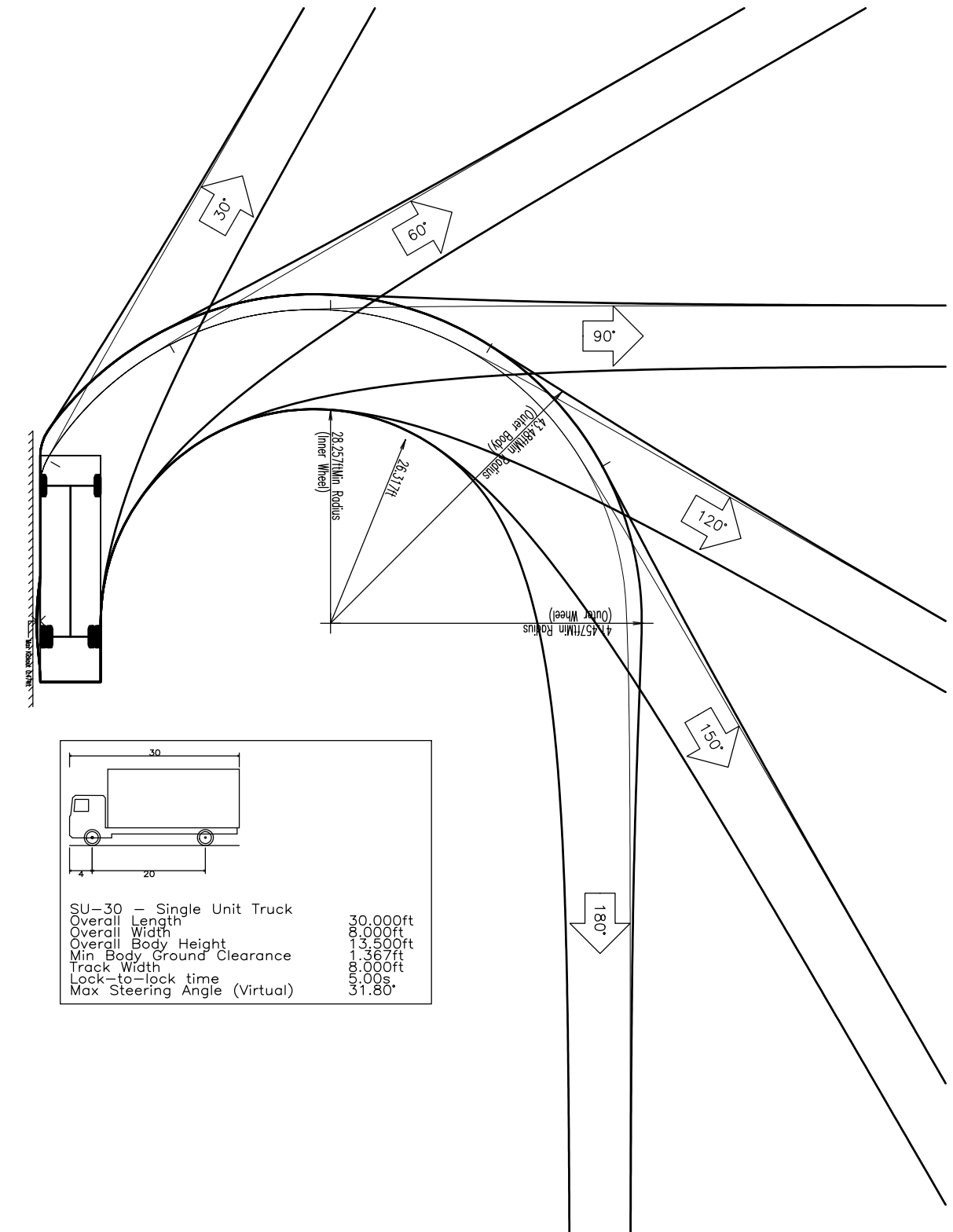
THOMAS J. MULLER  
PROFESSIONAL ENGINEER  
NEW JERSEY LICENSE No. 52179

PROTECT YOURSELF  
ALL STATE REQUIREMENTS OF ANY JURISDICTION APPLYING TO ANY PROJECT.  
FOR STATE AND LOCAL PERMIT NUMBERS VISIT: www.call811.com

Rev. # 3



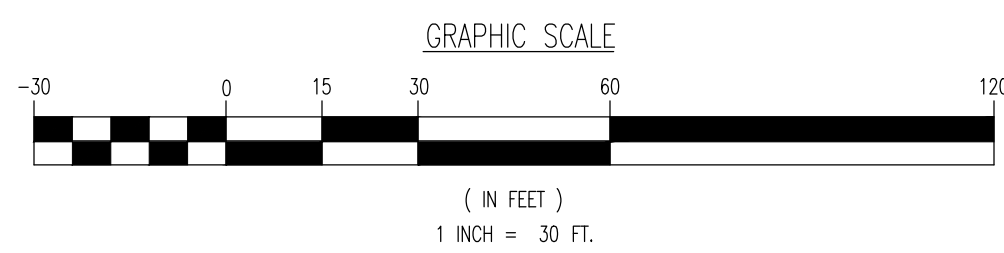
Plotted: 12/09/22 - 2:28 PM, By: gowdrick, Product Ver: 24.1s (LMS Tech)  
 File: F:\scpc\_projects\1279\_rpm\_development\_group\99-010\_lowrance\dwg\Site\Plana\127999010SV3.dwg, ---> 19 VEHICLE CIRCULATION PLAN (SU-30)



TEXAS AVENUE  
 (50' ROW WIDTH PER TAX MAP)

HARDING AVENUE  
 (50' ROW WIDTH PER TAX MAP)

FOCH AVENUE  
 (50' ROW WIDTH PER TAX MAP)



Rev.	Date	Comments	By
3	12/09/22	REV. PER TOWNSHIP COMMENTS	CNC
2	11/16/20	REV. PER TOWNSHIP COMMENTS	CNC
1	10/07/20	REV. PER TOWNSHIP COMMENTS	CNC

THIS PLAN SET IS FOR PERMITTING PURPOSES ONLY AND MAY NOT BE USED FOR CONSTRUCTION

**DYNAMIC ENGINEERING**  
 LAND DEVELOPMENT CONSULTING • PERMITTING • GEOTECHNICAL • ENVIRONMENTAL • SURVEY • PLANNING & ZONING

1904 Main Street  
 Lake Como, NJ 07719  
 T: 732.974.0198  
 F: 732.974.3521  
 www.dynamiceng.com

TITLE: **VEHICLE CIRCULATION PLAN (SU-30)**

PROJECT: **RPM DEVELOPMENT, LLC  
 PROPOSED RESIDENTIAL DEVELOPMENT**  
 BLOCK 2001, LOT 2.02  
 2495 BRUNSWICK PIKE (A.K.A. ALT ROUTE 1)  
 TOWNSHIP OF LAWRENCE, MERCER COUNTY, NEW JERSEY

JOB No: 1279-99-010  
 DATE: 04/15/2020  
 DRAWN BY: GMC  
 DESIGNED BY: LPG  
 CHECKED BY: TJM  
 SCALE: (H) 1"=30'  
 (V)  
 SHEET No: 19 OF 24

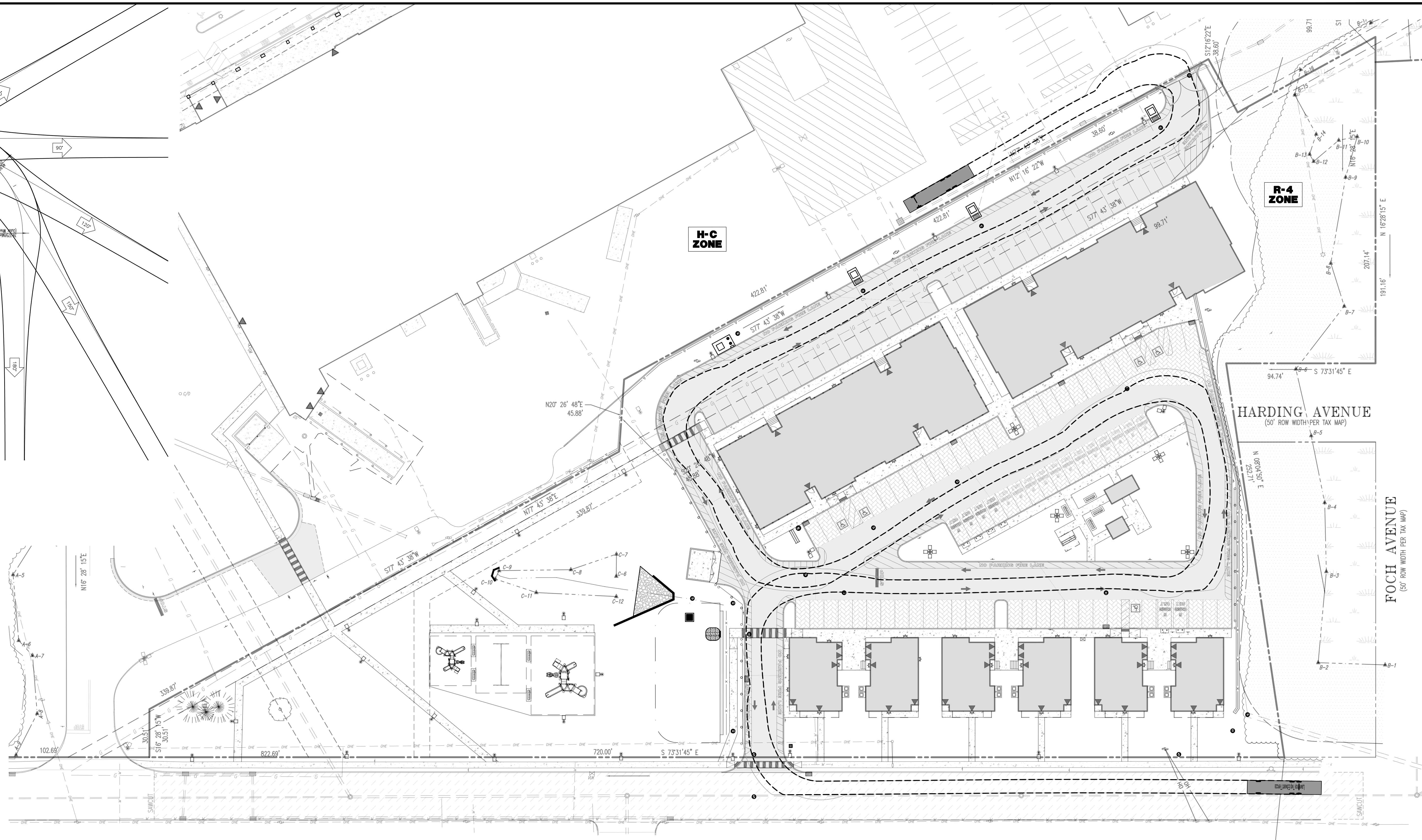
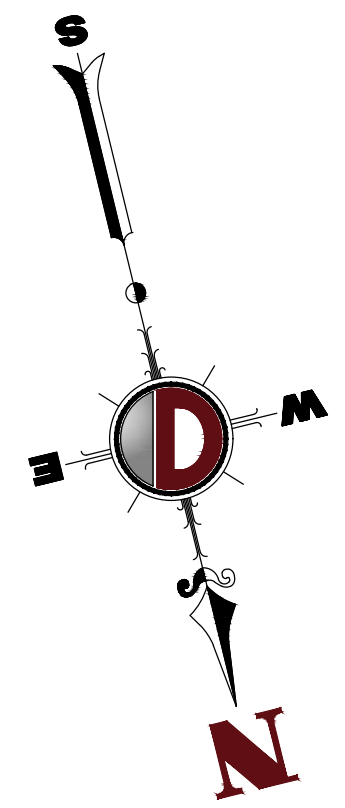
**JOHN A. PALUS** PROFESSIONAL ENGINEER  
 NEW JERSEY LICENSE No. 41975

**THOMAS J. MULLER** PROFESSIONAL ENGINEER  
 NEW JERSEY LICENSE No. 52179

**811 PROTECT YOURSELF**  
 ALL STATES REQUIRE NOTIFICATION OF  
 UTILITY LOCATIONS. IF ANY UTILITY  
 WORKING IS TO BE DONE THE STATES  
 SERVICE NUMBERS ARE AS FOLLOWS:  
 FOR STATE SPECIFIC DIRECT PHONE NUMBERS VISIT:  
 WWW.CALL811.COM

Plotted: 12/09/22 - 2:29 PM, By: gowdrick, Product Ver: 24.1s (LMS Tech)  
 File: P:\scpc\_projects\1279\_rpm\_development\_group\_99-010\_lawrence\Site Plans\127999010SV3.dwg, ---> 20 VEHICLE CIRCULATION PLAN (FIRE TRUCK)

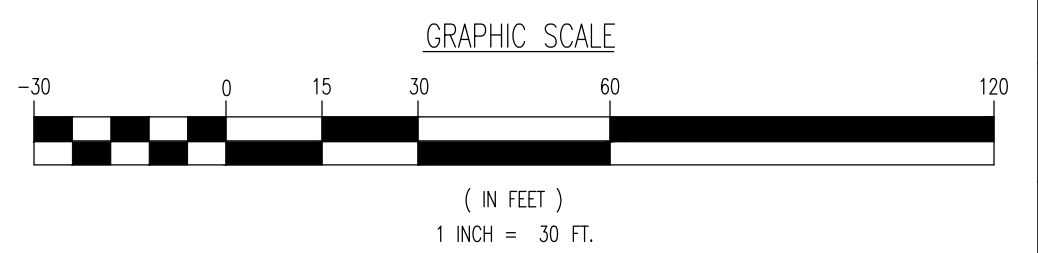
LAWRENCE FIRE TRUCK	
Overall Length	46.000ft
Overall Width	8.500ft
Overall Height	13.500ft
Overall Spacing	10.000ft
Overall Ground Clearance	6.500ft
Min. Spacing	10.000ft
Track Width	5.500ft
Lock-to-lock Time	25.000
Max. Wheel Angle	25.000



TEXAS AVENUE  
 (50' ROW WIDTH PER TAX MAP)

HARDING AVENUE  
 (50' ROW WIDTH PER TAX MAP)

FOCH AVENUE  
 (50' ROW WIDTH PER TAX MAP)



Rev.	Date	Comments
3	12/09/22	REV. PER TOWNSHIP COMMENTS
2	11/16/20	REV. PER TOWNSHIP COMMENTS
1	10/07/20	REV. PER TOWNSHIP COMMENTS

THIS PLAN SET IS FOR PERMITTING PURPOSES ONLY AND MAY NOT BE USED FOR CONSTRUCTION

**DYNAMIC ENGINEERING**  
 LAND DEVELOPMENT CONSULTING • PERMITTING • GEOTECHNICAL • ENVIRONMENTAL • SURVEY • PLANNING & ZONING

1904 Main Street  
 Lake Como, NJ 07719  
 T: 732.974.0198  
 F: 732.974.3521  
 www.dynamiceng.com

TITLE:  
**VEHICLE CIRCULATION PLAN (FIRE TRUCK)**

PROJECT: **RPM DEVELOPMENT, LLC**  
**PROPOSED RESIDENTIAL DEVELOPMENT**  
 BLOCK 2001, LOT 2.02  
 2495 BRUNSWICK PIKE (A.K.A. ALT ROUTE 1)  
 TOWNSHIP OF LAWRENCE, MERCER COUNTY, NEW JERSEY

JOB No: 1279-99-010  
 DATE: 04/15/2020  
 DRAWN BY: GMC  
 DESIGNED BY: LPG  
 CHECKED BY: TJM  
 SCALE: (H) 1"=30'  
 (V)  
 SHEET No:  
**20**  
 OF 24

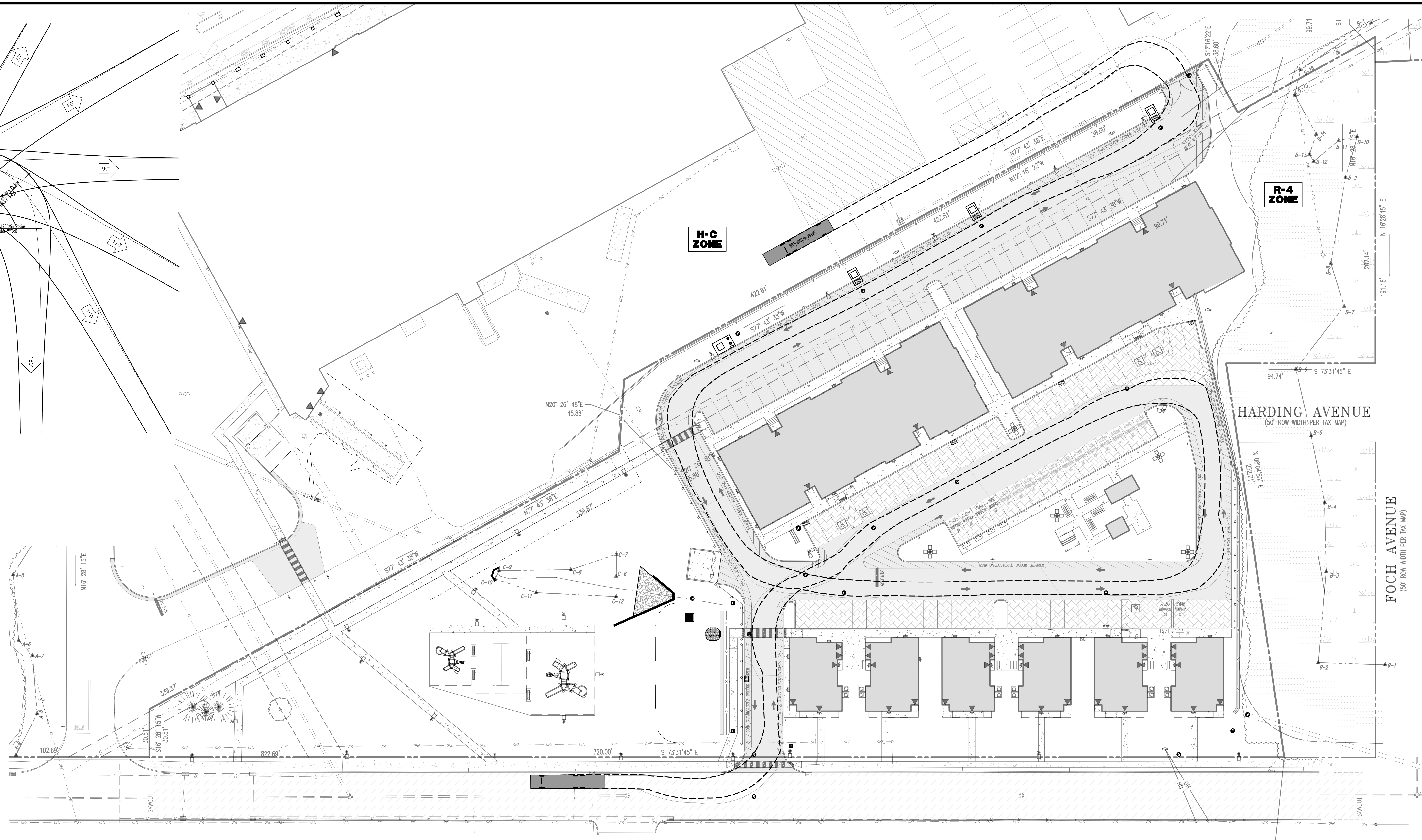
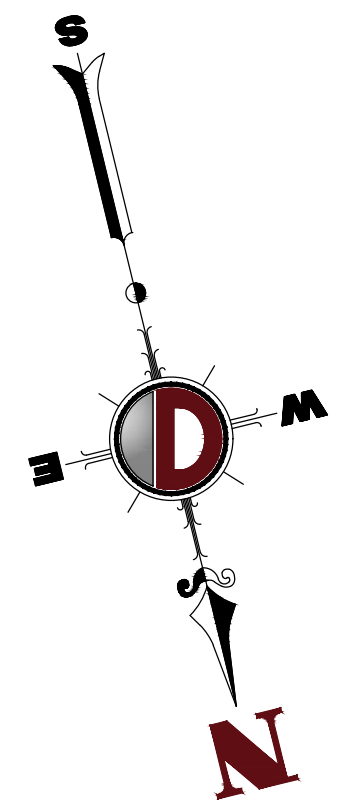
**JOHN A. PALUS** PROFESSIONAL ENGINEER  
 NEW JERSEY LICENSE No. 41975

**THOMAS J. MULLER** PROFESSIONAL ENGINEER  
 NEW JERSEY LICENSE No. 52179

**811 PROTECT YOURSELF**  
 ALL STATES REQUIRE NOTIFICATION OF  
 UTILITY LOCATIONS. IF ANY UTILITY  
 WORKING IS NEAR THE SITE'S  
 SERVICE AREAS, CALL 811.  
 FOR STATE-SPECIFIC DIRECT PHONE NUMBERS VISIT:  
 WWW.CALL811.COM

Plotted: 12/09/22 - 2:29 PM, By: growdrick, Product Ver: 24.1s (LMS Tech)  
 File: P:\sepc projects\1279 rpm development\_group\_99-010 lawrence\Site Plans\1279rpm\1279rpm\_vehicle\_circulation\_plan\_fire\_truck.dwg, ---> 21 VEHICLE CIRCULATION PLAN (FIRE TRUCK)

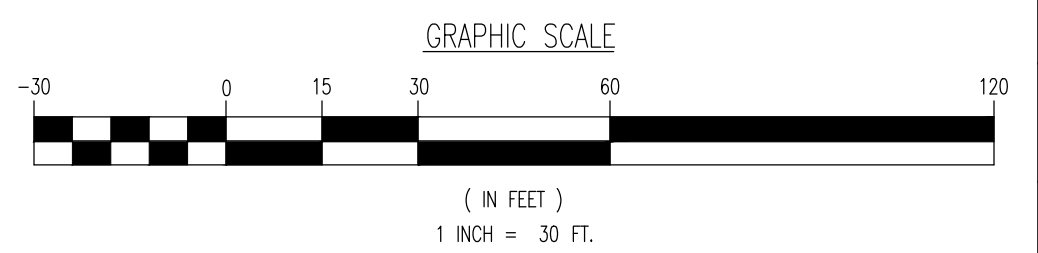
Lawrence Twp Edward Tenzo	47.000ft
Overall Length	146.00ft
Overall Width	146.00ft
Min Body Ground Clearance	10.00ft
Track Width	10.00ft
Lock-to-lock time	0.00s
Curb to Curb Turning Radius	27.19ft



TEXAS AVENUE  
 (50' ROW WIDTH PER TAX MAP)

HARDING AVENUE  
 (50' ROW WIDTH PER TAX MAP)

FOCH AVENUE  
 (50' ROW WIDTH PER TAX MAP)



Rev.	Date	Comments	By
3	12/09/22	REV. PER TOWNSHIP COMMENTS	GMC
2	11/16/20	REV. PER TOWNSHIP COMMENTS	GMC
1	10/07/20	REV. PER TOWNSHIP COMMENTS	GMC

THIS PLAN SET IS FOR PERMITTING PURPOSES ONLY AND MAY NOT BE USED FOR CONSTRUCTION

**DYNAMIC ENGINEERING**  
 LAND DEVELOPMENT CONSULTING • PERMITTING • GEOTECHNICAL • ENVIRONMENTAL • SURVEY • PLANNING & ZONING

1904 Main Street  
 Lake Como, NJ 07719  
 T: 732.974.0198  
 F: 732.974.3521  
 www.dynamiceng.com

Local: 1.732.974.0198 | Chester, New Jersey: 1.908.879.9229 | Newark, New Jersey: 1.973.253.7200 | Toms River, New Jersey: 1.732.974.0198  
 Allen, Texas: 1.972.334.2100 | Austin, Texas: 1.512.444.2444 | Houston, Texas: 1.281.789.6400  
 New Orleans, Louisiana: 1.227.865.0274 | Dallas, Texas: 1.940.921.8570

TITLE:  
**VEHICLE CIRCULATION PLAN (FIRE TRUCK)**

PROJECT: **RPM DEVELOPMENT, LLC**  
**PROPOSED RESIDENTIAL DEVELOPMENT**  
 BLOCK: 2001, LOT: 2.02  
 2495 BRUNSWICK PIKE (A.K.A. ALT ROUTE 1)  
 TOWNSHIP OF LAWRENCE, MERCER COUNTY, NEW JERSEY

JOB No: 1279-99-010  
 DATE: 04/15/2020

DRAWN BY: GMC  
 DESIGNED BY: LPG  
 CHECKED BY: TJM

SCALE: (H) 1"=30'  
 (V)

SHEET No:  
**21**  
 OF 24

Rev. # 3

**JOHN A. PALUS** PROFESSIONAL ENGINEER  
 NEW JERSEY LICENSE No. 41975

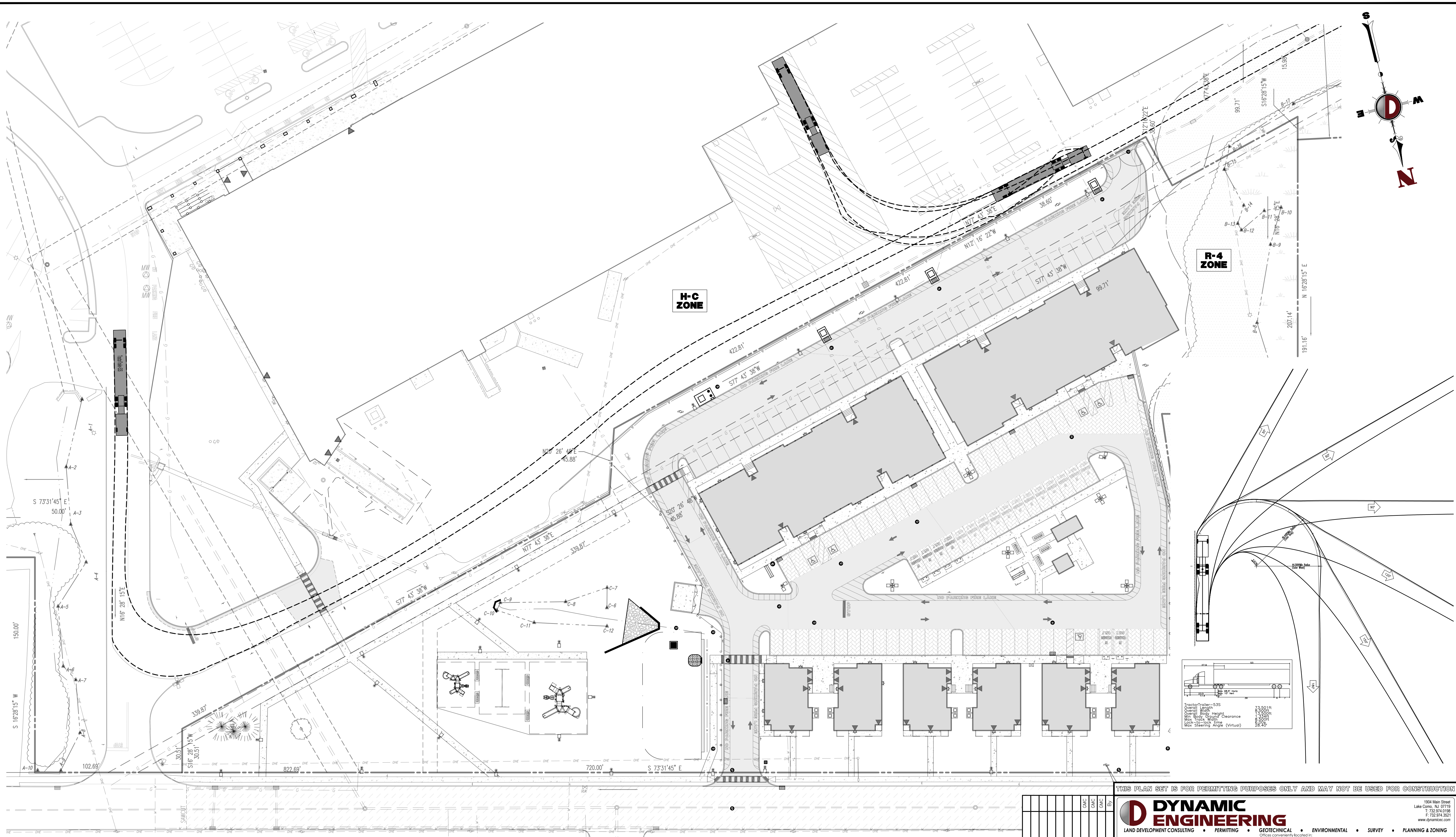
**THOMAS J. MULLER** PROFESSIONAL ENGINEER  
 NEW JERSEY LICENSE No. 52179

**811 PROTECT YOURSELF**  
 ALL STATES REQUIRE NOTIFICATION OF  
 UTILITY LOCATIONS BEFORE ANY DIGGING  
 BEGINS. CALL 811 OR VISIT  
 WWW.CALL811.COM

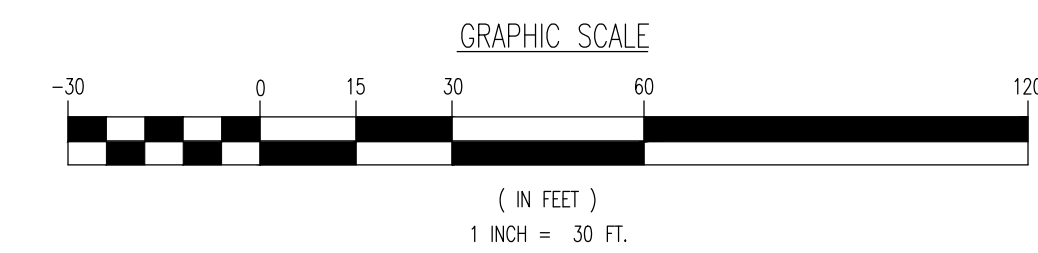




Product Ver: 24.1.s (LMS Tech)  
 File: P:\cscpc\_projects\1279\_rpm\_development\_group\39-010\_lawrence\Site Plans\127999010SV.dwg, ----> 24 VEHICLE CIRCULATION PLAN C (WB-67)



TEXAS AVENUE  
 (50' ROW WIDTH PER TAX MAP)



THIS PLAN SET IS FOR PERMITTING PURPOSES ONLY AND MAY NOT BE USED FOR CONSTRUCTION

**DYNAMIC ENGINEERING**  
 LAND DEVELOPMENT CONSULTING • PERMITTING • GEOTECHNICAL • ENVIRONMENTAL • SURVEY • PLANNING & ZONING

1904 Main Street  
 Lake Como, NJ 07719  
 T: 732.974.0198  
 F: 732.974.3521  
 www.dynamiceng.com

Titus: **VEHICLE CIRCULATION PLAN C (WB-67)**

PROJECT: **RPM DEVELOPMENT, LLC**  
**PROPOSED RESIDENTIAL DEVELOPMENT**  
 BLOCK 2001, LOT 2.02  
 2495 BRUNSWICK PIKE (A.K.A. ALT ROUTE 1)  
 TOWNSHIP OF LAWRENCE, MERCER COUNTY, NEW JERSEY

JOB No: 1279-99-010  
 DATE: 04/15/2020

DRAWN BY: DJB  
 DESIGNED BY: LPG  
 CHECKED BY: TJM

SCALE: (H) 1"=30'  
 (V)

SHEET No: **24**  
 OF 24

Rev. # 3

PROTECT YOURSELF  
 ALL USERS REQUIRE VERIFICATION OF  
 EXISTING RECORDS, IF ANY, PRIOR TO  
 PERFORMING OR ISSUING THE SHEET'S  
 SERVICE. REVISED AS SHOWN.

FOR STATE SPECIFICATIONS, DIRECT PHONE NUMBERS VISIT:  
 www.call811.com

Rev.	Date	Comments	By
3	12/09/22	REV. PER TOWNSHIP COMMENTS	CNC
2	11/16/20	REV. PER TOWNSHIP COMMENTS	CNC
1	10/07/20	REV. PER TOWNSHIP COMMENTS	CNC