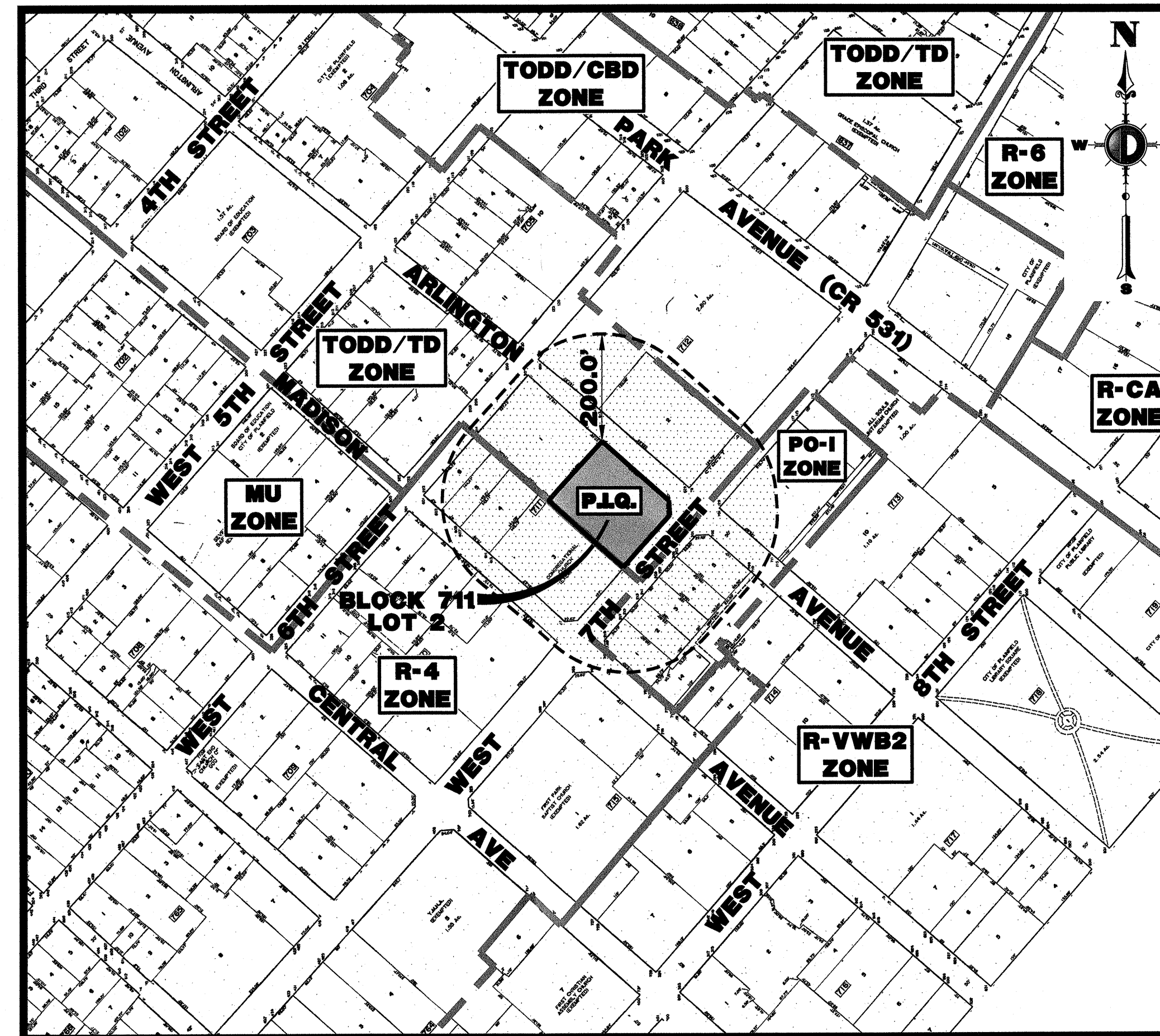


PRELIMINARY AND FINAL SITE PLAN

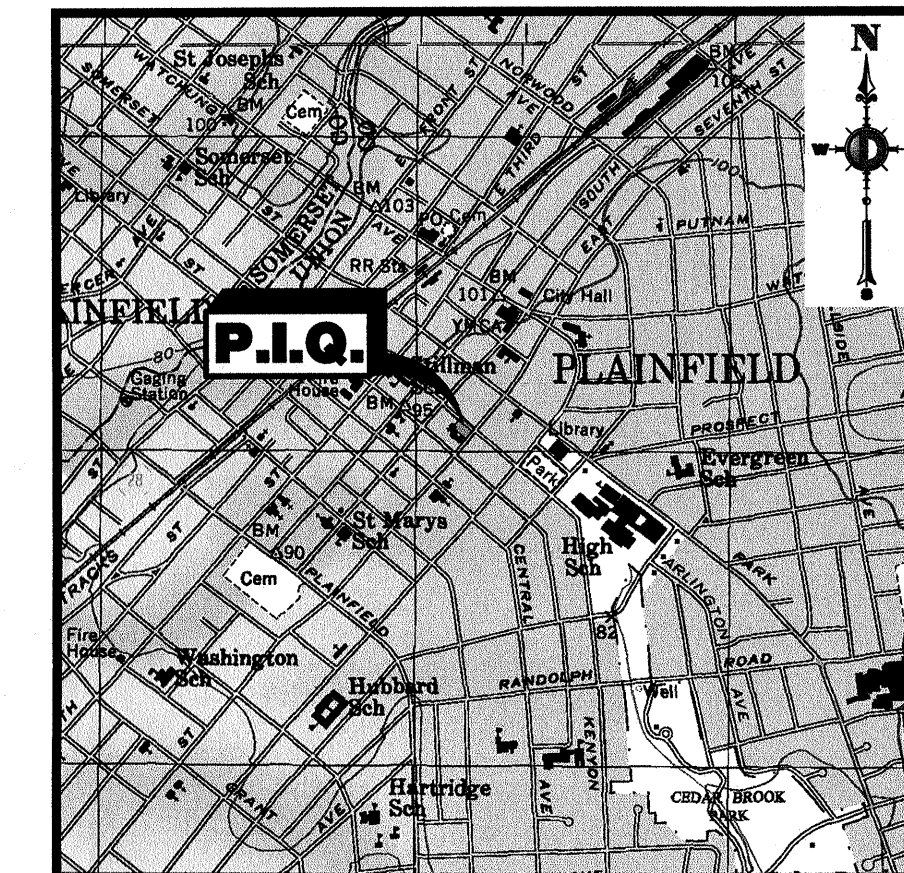
FOR AMIN FAMILY, LLC PROPOSED MIXED USE DEVELOPMENT BLOCK 711, LOT 2; TAX MAP SHEET #92 - DATED 03/24/1987 202 WEST 7TH STREET & ARLINGTON AVENUE CITY OF PLAINFIELD UNION COUNTY, NEW JERSEY

200' PROPERTY OWNERS LIST

CITY OF PLAINFIELD					
PROPERTY OWNER	BLOCK	LOT	PROPERTY OWNER	BLOCK	LOT
BLAIR ROY S & LEONIE E 605 MADISON AVE PLAINFIELD, NJ 07060	710	3	BLINAJ HOLDING LLC 237 NORTH AVE PLAINFIELD, NJ 07062	714	2
PENA, MARIA SOLANGEL & SOLENNY 608-10 MADISON AVE PLAINFIELD, NJ 07060	710	4	CRUZ, JOSE 211 W 7TH ST PLAINFIELD, NJ 07061	714	3
MADONADO, ROSA E-MEMERENO, DILCA 612 MADISON AVE PLAINFIELD, NJ 07060	710	5	PARDEES, JORGE I & CARRILLO, RODOLFO 205 WEST 7TH ST PLAINFIELD, NJ 07060	714	4
BLUEBERRY REALTY II, LLC P.O. BOX 239441 BROOKLYN, NY 11223	710	6	JAGADEESH, GUBBISHETAPPA & JYOTHI 31 BELLEWOOD DR WARREN, NJ 07059	714	5
J & C REALTY, INC. 120 WEST 7TH ST, STE 106 PLAINFIELD, NJ 07060	711	1	SHENOUDA, MORCOS & BAKHTI, RAFIK 431 ERICA ST APT 1R ELIZABETH, NJ 07202	714	7
CONGREGATIONAL SOCIETY OF PLFD 212 W 7TH ST PLAINFIELD, NJ 07060	711	3	MENUNJAP-RIVAS, EDNELSON A 711-15 MADISON AVE PLAINFIELD, NJ 07060	714	14
JAM MANAGEMENT LLC 5 MOUNTAIN BLVD #6 WARREN, NJ 07052	711	4	ALSO TO BE NOTIFIED: AMERICAN WATER SSC PO BOX 5627 CHERRY HILL, NJ 08034		
NARANJO, WASHINGTON 605 MADISON AVE PLAINFIELD, NJ 07060	711	5	PUBLIC SERVICE ELECTRIC & GAS COMPANY MANAGER-CORPORATE PROPERTIES 80 PARK PLAZA, 1508 NEWARK, NJ 07102		
FERNANDEZ, MONNE 601-203 MADISON AVE PLAINFIELD, NJ 07060	711	6	VERIZON-NEW JERSEY, INC. CARE OF DUFF & PHELPS PO BOX 229 ADDOON, TX 75001		
MOOREHOUSE SEVENTH STREET, LP 31 DRISCOLL ST SOMERVILLE, NJ 08876	712	1	PLAINFIELD MUNICIPAL UTILITIES AUTHORITY 127 ROOSEVELT AVE. PLAINFIELD, NJ 07060		
CHAD PROPERTIES LLC 4 HARRISON CT WOODLAND PARK, NJ 07424	712	2	COMCAST CABLEVISION 25 ROCK AVENUE PLAINFIELD, NJ 07063		
PARK HOTEL, LLC 123 W 7TH ST PLAINFIELD, NJ 07060	713	1	AT&T ATTENTION: NANCY PENCE 2315 SHELBY RD CONERS, GA 30013		
CORDOVA, CAROLINA A 214 MADISON ST PLAINFIELD, NJ 07060	714	1			



AREA MAP
1" = 200'



KEY MAP
1" = 2000'

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PLANNING BOARD APPROVAL

APPROVED BY THE PLANNING BOARD OF CITY OF PLAINFIELD, UNION COUNTY, NEW JERSEY

CHAIRMAN	DATE
SECRETARY	DATE
BOARD ENGINEER	DATE

OWNER CERTIFICATION

I CERTIFY THAT I AM THE OWNER OF LOT 711 BLOCK 2 AND CONSENT TO THE FILING OF THIS APPLICATION.

Amin *2/3/2020*

PROPERTY OWNER
AMIN FAMILY LLC
202 WEST 7TH STREET
CITY OF PLAINFIELD, NJ 07060

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

<p>DYNAMIC ENGINEERING LAND DEVELOPMENT CONSULTING • PERMITTING • GEOTECHNICAL • ENVIRONMENTAL • SURVEY • PLANNING & ZONING</p> <p>1904 Main Street Lake Como, NJ 07719 T: 732.974.0198 F: 732.974.3521 www.dynamicec.com</p>	
<p>TITLE: COVER SHEET</p>	
<p>PROJECT: AMIN FAMILY, LLC PROPOSED MIXED USE DEVELOPMENT BLOCK 711, LOT 2; TAX MAP SHEET #92 202 WEST 7TH STREET & ARLINGTON AVENUE CITY OF PLAINFIELD, UNION COUNTY, NEW JERSEY</p>	<p>JOB No: 3327-99-001 DATE: 01/31/2020 DRAWN BY: DJB DESIGNED BY: LMS CHECKED BY: JEH CHECKED BY: --</p>
<p>JAMES E. HENRY PROFESSIONAL ENGINEER NEW JERSEY LICENSE No. 49266</p>	<p>JOSHUA M. SEWALD PROFESSIONAL ENGINEER NEW JERSEY LICENSE No. 52908</p>
<p>FOR STATE SPECIFIC DIRECT PHONE NUMBERS VISIT: WWW.CALL811.COM</p>	

SITE PLAN NOTES

GENERAL NOTES

- THIS PLAN HAS BEEN PREPARED BASED ON REFERENCES INCLUDING:
 - BOUNDARY & TOPOGRAPHIC SURVEY BLOCK 711, LOT 2, CITY OF PLAINFIELD
 - DYNAMIC ENGINEERING CONSULTANTS, P.C. 1904 MAIN STREET, LAKE COME, NJ 07719 SURVEYOR FILE NO. 3327-99-001SE DATED: 01/14/2020
- APPLICANT/OWNER: AMIN FAMILY, LLC 202 WEST 7TH STREET CITY OF PLAINFIELD, NJ 07060
- PARCEL DATA: BLOCK 711, LOT 2 202 WEST 7TH STREET & ARLINGTON AVENUE CITY OF PLAINFIELD UNION COUNTY, NJ
- ZONE: TRANSIT ORIENTED DEVELOPMENT DOWNTOWN DISTRICT - TRANSITION DISTRICT (TODD/TD)
- EXISTING USE: RETAIL STRIP CENTER (PERMITTED USE) (§ 17 ATTACHMENT 1) LANDROMAT (PERMITTED USE) (§ 17 ATTACHMENT 1)
- PROPOSED USE: RETAIL STRIP CENTER (PERMITTED USE) (§ 17 ATTACHMENT 1) LANDROMAT (PERMITTED USE) (§ 17 ATTACHMENT 1) RESIDENTIAL APARTMENTS (PERMITTED USE) (§ 17 ATTACHMENT 1) MIXED USE STRUCTURE (PERMITTED USE) (§ 17-38.1)
- SCHEDULE OF ZONING REQUIREMENTS (§ 17 ATTACHMENT 2)

ZONING REQUIREMENT	TODD/TD, ZONE - MIXED USE	EXISTING	PROPOSED
MINIMUM LOT AREA	5,000 SF	26,279 SF (0.603 Ac)	26,279 SF (0.603 Ac)
MAXIMUM DWELLING DENSITY	25 du/ac	0 du/ac	19.9 du/ac
MINIMUM LOT WIDTH	50 FT	143.0 FT	143.0 FT
MINIMUM LOT FRONTAGE	50 FT	317.02 FT	317.02 FT
MINIMUM LOT DEPTH	100 FT	185.0 FT	185.0 FT
MINIMUM FRONT YARD SETBACK (WEST SEVENTH STREET)	10 FT	109.9 FT	109.9 FT
MINIMUM FRONT YARD SETBACK (ARLINGTON AVENUE)	10 FT	11.3 FT	-3.9 FT (V)
MINIMUM SIDE YARD SETBACK	5 FT	21.7 FT	9.3 FT
MINIMUM CORNERED SIDE YARD SETBACK	10 FT	N/A	N/A
MINIMUM REAR YARD SETBACK	15 FT	9.9 FT (E)	7.3 (M)
MAXIMUM FLOOR AREA RATIO	1.8	0.275 (1,229 SF)	0.314 (8,245 SF)
MAXIMUM PERCENT BUILDING COVERAGE	60%	27.5% (1,229 SF)	31.4% (8,245 SF)
MAXIMUM PERCENT TOTAL LOT COVERAGE (IMPERVIOUS)	70%	78.8% (20,729 SF) (E)	78.4% (20,603 SF) (E)
MAXIMUM NUMBER OF STORES	3	1	3
MAXIMUM BUILDING HEIGHT	35 FT	< 35 FT	38.4 FT (M)
MINIMUM IMPROVABLE AREA	2,100 SF (1)	20,397 SF	20,397 SF
MINIMUM IMPROVABLE AREA (DIAMETER OF CIRCLE)	32 FT	128.0 FT	128.0 FT

- N/S: NO STANDARD N/A: NOT APPLICABLE (V): VARIANCE (E): EXISTING NON-CONFORMANCE
- THE AREA OF A LOT FOR THE PLACEMENT OF PRINCIPAL BUILDINGS, OFF-STREET PARKING LOTS, AND OFF-STREET LOADING AREAS WHICH IS LOCATED WITHIN THE ENCLAVE DELINEATED BY THE REQUIRED PARCELS OR BUFFERS OF THE ZONE DISTRICT AND WHICH IS NOT ENCRAGED UPON BY: (A) AN EXISTING OR PROPOSED PUBLIC RIGHT-OF-WAY, (B) AN AREA CLASSIFIED AS A FLOODWAY OR STREAM CORRIDOR BY THE NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND ENERGY OR AS AN AREA OF SPECIAL FLOOD HAZARD OR FLOODWAY, (C) WETLANDS OR ANY REQUIRED WETLANDS TRANSITION AREA PURSUANT TO THE NEW JERSEY FRESHWATER WETLANDS PROTECTION ACT (N.J.S.A. 14:6B-1, ET SEQ.), EXCEPT WHERE CONSTRUCTION, FILL, OR DISTURBANCE HAS BEEN AUTHORIZED PURSUANT TO THE FRESHWATER WETLANDS ACT, (D) SLOPE AREAS WHERE THE INCLINATION OF THE LAND'S SURFACE FROM THE HORIZONTAL IS FIFTEEN PERCENT (15%) OR GREATER FOR A TEN (10) FOOT INTERVAL, OR (E) STREAM CORRIDORS. (§ 17-3-1.6)
 - EVERY CORNER LOT HAS TWO (2) FRONT YARDS FOR THE PURPOSES OF DETERMINING THE REAR YARD ON A CORNER LOT, THE INTERIOR LOT LINE OPPOSITE THE STREET LINE WITH THE SHORTEST FRONTAGE SHALL BE CONSIDERED TO BE THE REAR LOT LINE AND ANY REMAINING INTERIOR LOT LINES SHALL BE CONSIDERED SIDE LOT LINES FOR THE PURPOSES OF DETERMINING SIDE YARDS. (§ 17-3-36.1)
 - PARKING REQUIREMENTS:
 - A PARKING LOT SHALL BE LOCATED TO THE REAR OF A BUILDING AND/OR THE INTERIOR OF THE SITE WHERE ITS VISUAL IMPACT TO ADJACENT PROPERTIES AND THE PUBLIC RIGHT-OF-WAY CAN BE MINIMIZED. PARKING LOTS SHALL BE PROHIBITED IN ANY REQUIRED SIDE YARD SETBACK AREA OR FRONT YARD AREA. (§ 17-3-42.1) (E)
 - ANY BUILDING OR SITE CONTAINING MORE THAN ONE (1) USE SHALL MEET THE COMBINED PARKING SPACE REQUIREMENTS FOR ALL USES, BASED ON THE AREA UTILIZED FOR EACH SEPARATE USE. (§ 17-3-42.7)
 - PARKING LOTS OR INDIVIDUAL SPACES SHALL BE PROHIBITED WITHIN FRONT YARD AREAS. (§ 17-3-42.7) (E)
 - PARKING SPACES SHALL BE A MINIMUM OF NINE (9) FEET IN WIDTH AND EIGHTEEN (18) FEET IN LENGTH. (§ 17-3-42.0)
 - IN THE TODD/TD ZONES, ON-SITE PARKING SPACES FOR RESIDENTIAL UNITS AND ANY OTHER PARKING THAT IS PROVIDED MUST BE ON-SITE. (§ 17-3-42.5(1))
 - SHARED PARKING IS ENCOURAGED IN ALL TODD ZONES AND IS REQUIRED FOR THE RESIDENTIAL COMPONENT OF ALL MIXED USE DEVELOPMENTS. THE METHODOLOGY TO CALCULATE THE NUMBER OF SHARED PARKING SPACES SHALL BE THAT FOUND IN THE MOST RECENT PUBLICATION OF THE URBAN LAND INSTITUTE SHARED PARKING OR APPROVED EQUIVALENT. (§ 17-3-42.5(3))
 - RETAIL SALES AND SERVICE USES REQUIRE ONE (1) PARKING SPACE PER 300 SQUARE FEET OF GROSS FLOOR AREA. (§ 17-3-42.4(2)) RESIDENTIAL UNITS IN ALL TODD ZONES REQUIRE ONE (1) PARKING SPACE FOR EACH DWELLING UNIT (DU). (§ 17-3-42.4(2)) LANDROMATS REQUIRED ONE (1) PARKING SPACE PER TWO (2) WASHER AND DRYER MACHINES. (§ 17-3-42.4(2))

PARKING CALCULATION:

RETAIL USE: (3,530 SF) (1) PARKING SPACE/300 SF	= 12 SPACES REQUIRED
LANDROMAT: (25 WASHERS & DRYERS) (1) PARKING SPACE/2 WASHERS & DRYERS	= 13 SPACES REQUIRED
RESIDENTIAL UNIT: (12 DU) (1) PARKING SPACE/DU	= 12 SPACES REQUIRED
TOTAL SPACES REQUIRED	= 37 SPACES REQUIRED
TOTAL SPACES PROVIDED	= 35 SPACES PROVIDED (V)
 - BICYCLE PARKING REQUIREMENTS:
 - WHEN ON-SITE PARKING IS PROVIDED, BICYCLE PARKING SHALL ALSO BE PROVIDED BASED ON A STANDARD OF ONE (1) SPACE FOR EACH TEN (10) AUTOMOBILE PARKING SPACES. (§ 17-11-22.8(1)) (Bike parking proposed within & outside building)
 - REQUIRED BICYCLE PARKING MUST BE LOCATED WITHIN FIFTY (50) FEET OF AN ENTRANCE TO A BUILDING. (§ 17-11-22.2(C)(4))
 - BICYCLE PARKING SPACES MUST BE AT LEAST SIX (6) FEET LONG AND TWO (2) FEET WIDE, AND IN COVERED SITUATIONS, THE OVERHEAD CLEARANCE MUST BE AT LEAST SEVEN (7) FEET. (§ 17-11-22.2(1))
 - A MINIMUM FIVE (5) FOOT ASILE FOR BICYCLE MANEUVERING MUST BE PROVIDED AND MAINTAINED BESIDE OR BETWEEN EACH ROW OF BICYCLE PARKING SPACES. (§ 17-11-22.2(2))

- LOADING REQUIREMENTS:
 - A MINIMUM HEIGHT IS REQUIRED FOR COMMERCIAL USES UP TO 10,000 SQUARE FEET OF TOTAL FLOOR AREA. (§ 17-11-13.4)
 - NINETY (90) DEGREE PARKING SHALL HAVE A DRIVE ASILE WITH A MINIMUM WIDTH OF TWENTY-FOUR (24) FEET FOR TWO-WAY TRAFFIC. (§ 17-11-15.9)
 - NO NONRESIDENTIAL DRIVWAY SHALL BE LOCATED WITHIN TEN (10) FEET OF AN EXISTING ADJACENT RESIDENTIAL PROPERTY OR WITHIN THE PERCENT OF ANY THAT ALL FILLED AREAS AND SUBGRADE AREAS WITHIN THE BUILDING PAD AREA AND AREAS TO BE PAVED HAVE BEEN COMPACTED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS SET FORTH IN THE SOILS REPORT.
 - THE MINIMUM SETBACKS FOR BUILDINGS FROM DRIVEWAYS AND PARKING AREAS WITHIN THE SITE SHALL BE FIVE (5) FEET. THIS DOES NOT APPLY FOR ONE- AND TWO-FAMILY DWELLINGS. (§ 17-9-42.0)
 - CURB CUTS FOR TWENTY (20) FOOT WIDE DRIVEWAYS SHALL BE A MAXIMUM OF TWENTY-SIX (26) FEET WIDE. (§ 17-9-42.4)
- BUFFER REQUIREMENTS:
 - NONRESIDENTIAL USES SHALL PROVIDE A TEN (10) FOOT WIDE BUFFER AREA WITH A MINIMUM HEIGHT OF SCREENING AT TIME OF PLANTING OF SIX (6) FEET. RESIDENTIAL USES SHALL PROVIDE A FIVE (5) FOOT WIDE BUFFER AREA WITH A MINIMUM HEIGHT OF SCREENING AT TIME OF PLANTING OF THREE (3) TO FOUR (4) FEET. (§ 17-9-24.8) (V)
 - NONRESIDENTIAL USES SHALL CONSIST OF A MINIMUM FIVE (5) FOOT WIDE AREA SURROUNDING ALL SIDES OF THE PAVING LOT, WHERE SUCH PARKING AREA IS LOCATED ON A TRACT ADJACENT TO A RESIDENTIAL USE OR DISTRICT, SUCH BUFFERING SHALL CONSIST OF A MINIMUM TEN (10) FOOT WIDE AREA SURROUNDING ALL SIDES OF A PARKING LOT. (§ 17-9-24.0(1)) (V)
 - THE MINIMUM SCREENING SHALL BE A MINIMUM FIVE (5) FOOT HIGH VISUALLY IMPERVIOUS SCREEN TO BE LOCATED WITHIN THE BUFFERING AREA, WHERE SUCH PARKING AREA IS LOCATED ON A TRACT ADJACENT TO A RESIDENTIAL USE OR DISTRICT, SUCH SCREENING SHALL CONSIST OF A MINIMUM SIX (6) FOOT HIGH VISUALLY IMPERVIOUS SCREEN, THE HEIGHT OF ANY REQUIRED SCREEN SHALL DECREASE TO A MAXIMUM OF THREE (3) FEET IN HEIGHT WHERE DRIVEWAYS APPROACH DRIVEWAYS OR WALKWAYS IN ORDER TO PROVIDE ADEQUATE VISIBILITY OF PEDESTRIANS FROM MOTOR VEHICLES AND POLICE VISIBILITY INTO THE LOT. (§ 17-9-24.0(2))
 - HWC EQUIPMENT AND UTILITY SERVICE BOX BUFFERING SHALL CONSIST OF A MINIMUM THREE (3) FOOT WIDE AREA SURROUNDING ALL SIDES OF HWC EQUIPMENT UTILITY SERVICE BOXES. (§ 17-9-24.0(3))
 - HWC EQUIPMENT AND UTILITY SERVICE BOX SCREENING SHALL CONSIST OF A MINIMUM FOUR (4) FOOT HIGH EVERGREEN HEDGE ALONG ALL SIDES OF THE SAME. (§ 17-9-24.0(2))
- ALL NONRESIDENTIAL REFUSE AND RECYCLABLE DISPOSAL COLLECTION AREAS SHALL BE SUITABLY BUFFERED AND SCREENED TO MINIMIZE THE IMPACTS OF NOISE, ODORS, RESPIRAL AND COLLECTION ACTIVITIES AND VIEWS OF COLLECTION BINS AND DUMPSTERS, BUFFERING AND SCREENING SHALL MINIMIZE SUCH IMPACTS BOTH FROM THE MAIN STREET AND FROM ADJACENT AND NEARBY PROPERTIES AND PUBLIC RIGHTS-OF-WAY. BUFFERING SHALL CONSIST OF A MINIMUM FOUR (4) FOOT WIDE AREA SURROUNDING ALL SIDES OF SUCH FACILITY EXPOSED TO VIEW, IF SUCH FACILITY IS LOCATED ON A SITE ADJACENT TO A RESIDENTIAL USE OR ZONE, SUCH BUFFERING SHALL CONSIST OF A MINIMUM TEN (10) FOOT AREA SURROUNDING ALL SIDES OF SUCH FACILITY EXPOSED TO VIEW. SCREENING SHALL CONSIST OF A MINIMUM SIX (6) FOOT HIGH MASONRY FENCE OR ACCESSORY BUILDING WITH GATES OR DOORS AND SHARPS ACCESS TO FACILITATE THE MOVEMENT OF BINS OR DUMPSTERS, THE BASE OF SUCH SCREEN SHALL BE PLANTED WITH A MINIMUM FOUR (4) FOOT HIGH EVERGREEN HEDGE ALONG THE SIDES AND REAR OF SAME. (§ 17-11-16.4(1))
- ACCESSORY STRUCTURE REQUIREMENTS:
 - NO ACCESSORY USE OR STRUCTURE SHALL BE LOCATED IN A FRONT YARD. (§ 17-9-19.4)
 - ACCESSORY STRUCTURES, UNLESS SPECIFICALLY REGULATED OTHERWISE IN THIS CHAPTER, SHALL BE SET BACK FROM SIDE AND REAR PROPERTY LINES A MINIMUM THREE (3) FEET TO A REAR YARD PROPERTY LINE AND THREE (3) FEET TO A SIDE YARD PROPERTY LINE. (§ 17-9-19.4)
 - NO ACCESSORY STRUCTURE IN A NONRESIDENTIAL ZONE SHALL BE TALLER THAN TWENTY (20) FEET, NO ACCESSORY STRUCTURE MAY EXCEED THE HEIGHT OF THE PRINCIPAL STRUCTURE ON THE LOT. (§ 17-9-19.4)
 - IN NONRESIDENTIAL ZONES, ACCESSORY STRUCTURES OR USE SHALL HAVE A GROUND AREA GREATER THAN FORTY PERCENT (40%) OF THE GROUND AREA OF THE PRINCIPAL STRUCTURE TO WHICH IT IS ACCESSORY. (§ 17-9-19.2)
 - NO MORE THAN THREE (3) ACCESSORY STRUCTURES SHALL BE ERRECTED ON ANY LOT. (§ 17-9-19.4)
- REFUSE AND RECYCLING AREAS REQUIREMENTS:
 - WHERE LOCATED IN A PARKING LOT, SUCH FACILITIES SHALL NOT BE PERMITTED TO BE PLACED ON THE PAVED SURFACE OF THE PARKING LOT AND SHALL BE PLACED ON A CONCRETE PAD SEPARATED FROM THE PARKING AREA VIA A CURB SET BACK A MINIMUM OF TWO (2) FEET FROM THE CURB EDGE OF SUCH PARKING LOT. (§ 17-11-16.4(3))
 - NO REUSE AND RECYCLING AREA MAY BE LOCATED WITHIN A REQUIRED PRINCIPAL BUILDING SETBACK AREA. (§ 17-11-16.4(3))
- LANDSCAPE REQUIREMENTS:
 - IN NONRESIDENTIAL ZONES, BOTH DECORATIVE HILLS AND SOLID OR NONSOLID FENCES SHALL BE PERMITTED TO BE LOCATED IN SIDE AND REAR YARDS, PROVIDED SUCH SHA NOT EXCEED SIX (6) FEET IN HEIGHT, AS MEASURED FROM THE GROUND LEVEL, FENCE POSTS, CORNERS, GATEWAYS, AND WALL PERS AND ENTRANCES MAY NOT EXCEED SEVEN (7) FEET IN HEIGHT. (§ 17-9-29.8(2))
 - IF AN APPLICANT REQUESTS A SUBMISSION WAIVER THAT ARE NOT SPECIFICALLY IDENTIFIED HEREIN, TESTIMONY WILL BE SUPPLIED AT THE PUBLIC HEARING TO SUPPORT SAID SUBMISSION WAIVER.
 - PRIOR TO STATING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE TO MAKE SURE THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED, NO CONSTRUCTION OR OTHER ACTS SHALL BE UNDERTAKEN UNTIL ALL PERMITS AND APPROVALS HAVE BEEN OBTAINED AND ALL OTHER CONDITIONS OF THE PERMITTING AUTHORITIES.
 - WORK SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE REQUIREMENTS AND STANDARDS OF THE LOCAL GOVERNING AUTHORITY.
 - THE SOILS REPORT AND RECOMMENDATIONS SET FORTH THEREIN ARE A PART OF THE REQUIRED CONSTRUCTION DOCUMENTS AND IN CASE OF CONFLICT SHALL TAKE PRECEDENCE UNLESS SPECIFICALLY NOTED OTHERWISE. THE CONTRACTOR SHALL NOTIFY THE ENGINEER/CONSULTANT MANAGER OF ANY DISCREPANCY BETWEEN SOILS REPORT & PLANS.
 - THE PROPERTY SURVEY SHALL BE CONSIDERED A PART OF THESE PLANS.
 - ALL DIMENSIONS SHOWN ON THE PLANS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION, CONTRACTOR SHALL NOTIFY ENGINEER IF ANY DISCREPANCIES EXIST BETWEEN THE PLANS AND FIELD CONDITIONS. NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR WORK HAVING TO BE REDONE DUE TO DIMENSIONS OR GRADES SHOWN INCORRECTLY ON THESE PLANS IF SUCH NOTIFICATION HAS NOT BEEN GIVEN.
 - SOLID WASTE TO BE DISPOSED OF BY CONTRACTOR IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.
 - ALL EXCAVATED UNSUITABLE MATERIAL MUST BE TRANSPORTED TO AN APPROVED DISPOSAL LOCATION.
 - CONTRACTOR IS RESPONSIBLE FOR ALL SHORING REQUIRED DURING EXCAVATION AND SHALL BE PERFORMED IN ACCORDANCE WITH CURRENT OSHA STANDARDS, AS WELL AS ANY ADDITIONAL PROVISIONS TO ASSURE STABILITY OF CONTIGUOUS STRUCTURES, AS FIELD CONDITIONS DICTATE.
 - ALL CONTRACTORS MUST CARRY STATUTORY WORKERS COMPENSATION, EMPLOYERS LIABILITY INSURANCE AND APPROPRIATE LIMITS OF COMMERCIAL GENERAL LIABILITY INSURANCE (GCL). ALL CONTRACTORS MUST HAVE THEIR COI POLICIES ENDED TO NAME DYNAMIC ENGINEERING CONSULTANTS, P.C. ITS SUBCONSULTANTS AS ADDITIONAL ADDRESSEES TO PROVIDE CONTRACTUAL LIABILITY COVERAGE. CONTRACTORS MUST INSURE THE HOLD HARMLESS AND INDEMNIFY AGREEMENT ASSUMED BY THE CONTRACTORS. ALL CONTRACTORS MUST CARRY STATUTORY WORKERS COMPENSATION, EMPLOYERS LIABILITY INSURANCE AND APPROPRIATE LIMITS OF COMMERCIAL GENERAL LIABILITY INSURANCE PRIOR TO COMMENCING WORK AND UPON REVIEW OF EACH POLICY DURING THE ENTIRE PERIOD OF CONSTRUCTION. IN ADDITION, ALL CONTRACTORS WILL BE THE FULLEST EXTENT PERMITTED BY LAW, INDUSTRY AND HOLD HARMLESS DYNAMIC ENGINEERING CONSULTANTS, P.C. AND ITS SUBCONSULTANTS FROM AND AGAINST ANY DAMAGES, LIABILITIES OR COSTS, INCLUDING REASONABLE ATTORNEYS' FEES AND DEFENSE COSTS, ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE PROFESSIONAL ACTIVITIES OF DYNAMIC ENGINEERING CONSULTANTS, P.C., NOR THE PRESENCE OF DYNAMIC ENGINEERING CONSULTANTS, P.C. OR ITS EMPLOYEES AND SUBCONSULTANTS AT A CONSTRUCTION PROJECT SITE, SHALL RELIEVE THE GENERAL CONTRACTOR OF ITS OBLIGATIONS, DUTIES AND RESPONSIBILITIES INCLUDING, BUT NOT LIMITED TO, CONSTRUCTION METHODS, METHODS, TECHNIQUES OR PROCEDURES NECESSARY FOR PERFORMING, SUPERINTENDING AND COORDINATING THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND ANY HEALTH OR SAFETY PRECAUTIONS REQUIRED BY ANY REGULATORY AGENCIES. DYNAMIC ENGINEERING CONSULTANTS, P.C. AND ITS SUBCONSULTANTS HAVE NO AUTHORITY TO EXERCISE ANY CONTROL OVER ANY CONTRACTOR OR EMPLOYEES IN CONNECTION WITH THEIR WORK OR ANY HEALTH OR SAFETY PROGRAMS OR PROCEDURES. THE GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOBSITE SAFETY. DYNAMIC ENGINEERING CONSULTANTS, P.C. SHALL BE INDEMNIFIED BY THE GENERAL CONTRACTOR AND SHALL BE MADE ADDITIONAL INSURED UNDER THE GENERAL CONTRACTOR'S POLICY OF GENERAL LIABILITY INSURANCE.
 - DYNAMIC ENGINEERING CONSULTANTS, P.C. SHALL REVIEW AND APPROVE OR TAKE OTHER APPROPRIATE ACTION ON THE CONTRACTOR SUBMITTALS SUCH AS SHOP DRAWINGS, PRODUCT DATA SAMPLES AND OTHER DATA, WHICH THE CONTRACTOR IS REQUIRED TO SUBMIT, BUT ONLY FOR THE LIMITED PURPOSE OF CHECKING FOR CONFORMANCE WITH THE DESIGN CONCEPT AND THE INFORMATION SHOWN IN THE CONSTRUCTION METHODS OR METHODS, COORDINATION OF THE WORK WITH OTHER TRADES OR CONSTRUCTION SAFETY PRECAUTIONS, ALL OF WHICH ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. DYNAMIC ENGINEERING'S REVIEW SHALL BE CONDUCTED WITH REASONABLE CARE AND WITHOUT NEGLIGENCE. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS. DYNAMIC ENGINEERING CONSULTANTS, P.C. HAS REVIEWED THE ENTIRE ASSEMBLY OF WHICH THIS ITEM IS A COMPONENT. DYNAMIC ENGINEERING CONSULTANTS, P.C. SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS FROM CONSTRUCTION DOCUMENTS NOT BROUGHT TO THE ATTENTION OF DYNAMIC ENGINEERING CONSULTANTS, P.C. IN WRITING BY THE CONTRACTOR. DYNAMIC ENGINEERING CONSULTANTS, P.C. SHALL NOT BE REQUIRED TO REVIEW PAST, SUBMISSIONS OR THOSE FOR WHICH SUBMISSIONS OF CORRELATED ITEMS HAVE NOT BEEN RECEIVED.
 - IN AN EFFORT TO RESOLVE ANY CONFLICTS THAT ARISE DURING THE DESIGN AND CONSTRUCTION OF THE PROJECT OR FOLLOWING THE COMPLETION OF THE PROJECT, DYNAMIC ENGINEERING CONSULTANTS, P.C. AND THE CONTRACTOR MUST AGREE THAT ALL DISPUTES BETWEEN THEM ARISING OUT OF OR RELATING TO THIS AGREEMENT OR THE PROJECT SHALL BE SUBMITTED TO NONBINDING MEDIATION UNLESS THE PARTIES MUTUALLY AGREE OTHERWISE.
 - THE CONTRACTOR MUST INCLUDE A MEDIATION PROVISION IN ALL AGREEMENTS WITH INDEPENDENT SUBCONTRACTORS AND CONSULTANTS RETAINED FOR THE PROJECT AND TO REQUIRE ALL INDEPENDENT CONTRACTORS AND CONSULTANTS ALSO TO INCLUDE A SIMILAR MEDIATION PROVISION IN ALL AGREEMENTS WITH THEIR SUBCONTRACTORS, SUBCONSULTANTS, SUPPLIERS AND FABRICATORS, THEREBY PROVIDING FOR MEDIATION AS THE PRIMARY METHOD FOR DISPUTE RESOLUTION BETWEEN THE PARTIES TO ALL THOSE AGREEMENTS.
 - IF THE CONTRACTOR DEVIATES FROM THE PLANS AND SPECIFICATIONS, INCLUDING THE NOTES CONTAINED THEREIN, WITHOUT FIRST OBTAINING PRIOR WRITTEN AUTHORIZATION FOR SUCH DEVIATIONS FROM THE OWNER AND ENGINEER, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PAYMENT OF ALL COSTS TO CORRECT ANY WORK DONE, ALL FINES OR PENALTIES ASSESSED, INTEREST THEREON AND ALL EXPENSES AND COSTS INCURRED IN RESOLVING THE MATTER AND SHALL INDEMNIFY AND HOLD THE OWNER AND ENGINEER HARMLESS FROM AND AGAINST ALL SUCH FINES AND PENALTIES, COMPENSATION AND PUNITIVE DAMAGES AND COSTS OF ANY NATURE RESULTING THEREFROM.
 - ALL TRAFFIC SIGNS AND STRIPING SHALL FOLLOW THE REQUIREMENTS SPECIFIED IN THE MANUAL ON "UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" PUBLISHED BY THE FEDERAL HIGHWAY ADMINISTRATION.
 - THE BUILDING SETBACK DIMENSIONS ILLUSTRATED AND LISTED ON THE SITE PLAN DRAWINGS ARE MEASURED FROM THE OUTSIDE SURFACE OF BUILDING WALLS, THESE SETBACK DIMENSIONS DO NOT ACCOUNT FOR ROOF OVERHANGS, ORNAMENTAL ELEMENTS, SIGNAGE OR OTHER EXTERIOR EXTENSIONS UNLESS SPECIFICALLY NOTED.
 - CONTRACTOR ACKNOWLEDGES HE HAS READ AND UNDERSTOOD THE DESIGN PHASE SOIL PERMEABILITY AND GROUNDWATER TEST RESULTS IN THE STORMWATER MANAGEMENT REPORT AND THAT THE CONTRACTOR'S RESPONSIBILITIES INCLUDE NECESSARY PROVISIONS TO ACHIEVE THE DESIGN PERMEABILITY IN THE FIELD.
 - CONTRACTOR TO BE ADVISED THAT THE ENGINEER HAS NOT PROVIDED WITH FINAL FLOOR PLAN DRAWINGS FOR THE BUILDING AT THE TIME OF THIS SITE PLAN DESIGN, AS A RESULT, ENTRANCE DOOR LOCATIONS AS DEPICTED HEREIN MAY NOT BE FINAL, AND MUST BE CONFIRMED WITH THE ARCHITECTURAL PLANS PRIOR TO CONSTRUCTION. THE HANDICAP ACCESSIBLE PARKING SPACES AND THE ASSOCIATED ROUTE MUST COMPLY WITH NAC 523-7.7 AND THE HANDICAP PARKING SPACES MUST BE LOCATED AS THE NEAREST SPACES TO THE ENTRANCE. CONTRACTOR TO NOTIFY OWNER AND ENGINEER IMMEDIATELY OF ANY DISCREPANCY PRIOR TO CONSTRUCTION.

GRADING, DRAINAGE & UTILITY PLAN NOTES

GRADING NOTES

- SITE GRADING SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE RECOMMENDATIONS SET FORTH IN THE SOILS REPORT REFERENCED IN THIS PLAN SET. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND REPLACING ALL SOIL, YIELDING OR UNSUITABLE MATERIALS AND REPLACING SUITABLE MATERIALS AS SPECIFIED IN THE SOILS REPORT. ALL LOCATED OR FILLED AREAS SHALL BE COMPACTED TO 95% OF MODIFIED PROCTOR MAXIMUM DENSITY PER ASTM TEST D-1557. MOISTURE CONTENT AT TIME OF PLACEMENT SHALL NOT EXCEED 2% ABOVE NOR 3% BELOW OPTIMUM. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL GOVERNING AUTHORITY. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL GOVERNING AUTHORITY. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL GOVERNING AUTHORITY. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL GOVERNING AUTHORITY.
- CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF EXISTING TOPOGRAPHIC INFORMATION AND UTILITY INLET ELEVATIONS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION. CONTRACTOR TO ENSURE ALL SLOPE SURFACES, AND 1-1/2% MAX. ON ASPHALT TO PREVENT PONDING, ANY DISCREPANCIES THAT MAY AFFECT THE PUBLIC SAFETY OR PROJECT COST, MUST BE IDENTIFIED TO THE ENGINEER IN WRITING IMMEDIATELY. PROCEEDING WITH CONSTRUCTION WITH LESSON DISCREPANCIES IS DONE SO AT THE CONTRACTOR'S OWN RISK.
- PROPOSED FINISH GRADE ELEVATIONS ARE GENERALLY 4" ABOVE EXISTING LOCAL ASPHALT PAVED SURFACES UNLESS OTHERWISE NOTED. FIELD ADJUST TO CREATE A MIN. OF 0.25% GUTTER GRADE. ALONG CURB GRAD, ENGINEER TO APPROVE FINAL CURB CUT SHEETS PRIOR TO INSTALLATION.
- SUBGRADE MATERIAL FOR SIDEWALKS, CURB, OR ASPHALT SHALL BE FREE OF ORGANICS AND OTHER UNSUITABLE MATERIALS. SHOULD SUBGRADE BE DEEMED UNSUITABLE, SUBGRADE IS TO BE REMOVED AND FILLED WITH APPROVED FILL MATERIAL, COMPACTED TO 95% OPTIMUM DENSITY (AS DETERMINED BY MODIFIED PROCTOR METHOD).
- REFER TO SITE PLAN FOR ADDITIONAL NOTES.
- IN CASE OF DISCREPANCIES BETWEEN PLANS, THE SITE PLAN WILL SUPERCEDE IN ALL CASES. CONTRACTOR MUST NOTIFY ENGINEER OF RECORD OF ANY CONFLICT IMMEDIATELY.
- MAXIMUM CROSS SLOPE OF 2% ON ALL SIDEWALKS.
- CONTRACTOR TO ENSURE A MAXIMUM OF 2% SLOPE IN ALL DIRECTIONS IN ADA PARKING SPACES AND ADA ACCESS ASILES. CONTRACTOR TO ENSURE A MAXIMUM OF 2% RUNNING SLOPE AND 2% CROSS SLOPE ALONG ALL OTHER PORTIONS OF ACCESSIBLE ROUTE WITH THE EXCEPTION OF RAMPS AND CURB RAMPS. CONTRACTOR SHALL CLARIFY ANY QUESTIONS CONCERNING CONSTRUCTION IN ADA AREAS WITH THE ENGINEER PRIOR TO THE START OF CONSTRUCTION.
- THE OWNER SHALL RETAIN DYNAMIC EARTH, LLC (908-879-7095) OR ALTERNATE QUALIFIED GEOTECHNICAL ENGINEER TO TEST SOIL PERMEABILITY AND PROVIDE CONSTRUCTION FRACTURE INSPECTIONS OF THE BASIN BOTTOM SOILS AND ANY FILL MATERIALS WITHIN ANY PROPOSED INFILTRATION OR RETENTION BASIN TO COMPARE RESULTS TO DESIGN REQUIREMENTS.
- CONTRACTOR IS TO REMOVE EXISTING UNSUITABLE OR OVERLY COMPACT SOIL OR ROCK AS NECESSARY TO ACHIEVE REQUIRED PERMEABILITY AS DIRECTED BY THE OWNER'S GEOTECHNICAL ENGINEER, AND NEW FILL, IF NEEDED, SHALL HAVE IN PLACE PERMEABILITY GREATER THAN OR EQUAL TO THE DESIGN CRITERIA.
- CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE OWNER'S GEOTECHNICAL ENGINEER PRIOR TO ONSET OF CONSTRUCTION TO SUBMIT AND CONFIRM THE CONTRACTOR'S PROPOSED MEANS, AND MATERIALS AND TO SCHEDULE INSPECTIONS FOR BOTTOM OF BASIN, REMOVAL OF UNSUITABLE SOIL, FILL PLACEMENT, AND FINAL BASIN PERMEABILITY TESTING.
- THE CONTRACTOR IS RESPONSIBLE FOR AS-BUILT PLANS AND GRADE CONTROL UNLESS DEFINED OTHERWISE ELSEWHERE IN THE CONTRACT DOCUMENTS.

UTILITY NOTES

- LOCATION OF ALL EXISTING AND PROPOSED SERVICES ARE APPROXIMATE AND MUST BE CONFIRMED INDEPENDENTLY WITH LOCAL UTILITY COMPANIES PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION OR EXCAVATION. SANITARY SEWER AND ALL OTHER UTILITY SERVICE CONNECTION POINTS SHALL BE CONFIRMED INDEPENDENTLY BY THE CONTRACTOR IN FIELD PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. ALL DISCREPANCIES SHALL BE REPORTED IMMEDIATELY IN WRITING TO THE ENGINEER. CONSTRUCTION SHALL COMMENCE BEGINNING AT THE LOWEST INLET (POINT OF CONNECTION) AND PROGRESS UP GRADIENT. INTERFACE POINTS (CROSSINGS) WITH EXISTING UNDERGROUND UTILITIES SHALL BE FIELD VERIFIED BY TEST PIT PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY UTILITY "ONE-CALL" NUMBER 72 HOURS PRIOR TO ANY EXCAVATION ON THIS SITE. CONTRACTOR SHALL ALSO NOTIFY LOCAL WATER & SEWER DEPARTMENTS TO MARK OUT THEIR UTILITIES.
- REFER TO ARCHITECTURAL DRAWINGS FOR EXIST BUILDING UTILITY CONNECTION LOCATIONS. WHERE CONFLICTS EXIST WITH THESE SITE PLANS, ENGINEER IS TO BE NOTIFIED PRIOR TO CONSTRUCTION TO RESOLVE ANY DISCREPANCIES TO BE DETERMINED BY ARCHITECT.
- WATER SERVICE MATERIALS SHALL BE SPECIFIED BY THE LOCAL UTILITY COMPANY. CONTRACTORS PRICE FOR WATER SERVICE SHALL INCLUDE ALL FEES AND APPLICATIONS REQUIRED BY THE UTILITY TO PROVIDE A COMPLETE WORKING SERVICE.
- ALL WATER MAIN SHALL BE CEMENT-LINED, CLASS 52 DUCTILE IRON PIPE, UNLESS OTHERWISE DESIGNATED.
- THE MINIMUM DIAMETER FOR DOMESTIC WATER SERVICES SHALL BE 1 INCH.
- SEWER MAINS SHALL BE SEPARATED FROM WATER MAINS BY A DISTANCE OF AT LEAST 10 FEET HORIZONTALLY, WHERE THIS IS NOT POSSIBLE, THE PIPES SHALL BE IN SEPARATE TRENCHES WITH THE SEWER MAIN AT LEAST 18 INCHES BELOW THE WATER MAIN. ALL SEWER MAINS SHALL BE SDR-35 PVC UNLESS OTHERWISE DESIGNATED.
- ALL SEWER PIPE INSTALLED WITH LESS THAN 3 FEET OF COVER, GREATER THAN 20 FEET OF COVER OR WITHIN 18 INCHES OF A WATER MAIN SHALL BE CONSTRUCTED OF DUCTILE IRON PIPE. ALL DUCTILE IRON SEWER PIPE SHALL BE COGNATE-LINED, CLASS 52 PIPE, FURNISHED WITH SEWER COAT, OR APPROVED EQUAL.
- WHERE SANITARY SEWER LATERALS ARE GREATER THAN 10' DEEP AT CONNECTION TO THE SEWER MAIN, CONCRETE DEEP LATERAL CONNECTIONS ARE TO BE UTILIZED.
- LOCATION & LAYOUT OF GAS, ELECTRIC & TELECOMMUNICATION UTILITY LINES AND SERVICES SHOWN ON THESE PLANS ARE SCHEMATIC IN NATURE. ACTUAL LOCATION & LAYOUT OF THESE UTILITIES & SERVICES ARE TO BE PER THE APPROPRIATE UTILITY PROVIDER.
- ROOF LEADER COLLECTION PIPING ARE CONCEPTUAL IN NATURE AND ARE NOT FOR CONSTRUCTION. ACTUAL ROOF LEADER COLLECTION PIPING IS TO BE COORDINATED W/ ARCHITECTURAL PLANS FOR EACH INDIVIDUAL BUILDING. ALL ROOF LEADER COLLECTION PIPING SHALL BE SCHEDULE 40 PVC UNLESS OTHERWISE DESIGNATED.
- ALL SEWER AND WATER FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REGULATORY AUTHORITY'S RULES AND REGULATIONS.
- ALL PROPOSED UTILITIES TO BE INSTALLED UNDERGROUND UNLESS OTHERWISE NOTED.
- MANUFACTURED REINFORCED CONCRETE STORM PIPE TO CONFORM TO ASTM C-76, CLASS III, UNLESS OTHERWISE DESIGNATED. MANUFACTURED REINFORCED CONCRETE ELUTICAL STORM PIPE TO CONFORM TO ASTM F2306 AND ASTM D3212. PERFORATED PIPE SHALL HAVE GASKETED "SLIT-TIGHT" JOINTS MEETING THE REQUIREMENTS OF ASTM F2306 AND ASTM F477. FIELD WATER TIGHTNESS PERFORMANCE VERIFICATION MAY BE ACCOMPLISHED IN ACCORDANCE WITH ASTM F2467. HP PIPE SHALL BE FROM A MANUFACTURER WHO IS AN EASTERN STATES CONSORTIUM (ESC) QUALIFIED MANUFACTURER OF HOPE PIPE AND INSTALLED IN ACCORDANCE WITH PIPE MANUFACTURER RECOMMENDATIONS.
- HP DRAINAGE PIPE SHALL HAVE A SMOOTH WALL INTERIOR WITH ANNULAR EXTERIOR CORRUGATIONS AND CONFORM TO ASTM F2736 (12"-30" PIPE) AND ASTM F2881 (36"-60" PIPE). PIPE SHALL HAVE GASKETED WATER-TIGHT JOINTS MEETING THE REQUIREMENTS OF ASTM D3212 AND ASTM F477. FIELD WATER TIGHTNESS PERFORMANCE VERIFICATION MAY BE ACCOMPLISHED IN ACCORDANCE WITH ASTM F2467. HP PIPE SHALL BE FROM A MANUFACTURER WHO IS AN EASTERN STATES CONSORTIUM (ESC) QUALIFIED MANUFACTURER OF HP STORM PIPE AND INSTALLED IN ACCORDANCE WITH PIPE MANUFACTURER RECOMMENDATIONS.
- PIPE LENGTHS ON THIS PLAN HAVE BEEN MEASURED AS THE DISTANCE BETWEEN THE CENTER POINT OF THE 2 CONNECTED STRUCTURES. ACTUAL PHYSICAL PIPE LENGTH FOR INSTALLATION IS EXPECTED TO BE LESS AND SHOULD BE ACCOUNTED FOR BY THE CONTRACTOR ACCORDINGLY.

EXISTING UTILITY NOTES

- EXISTING WATER SERVICE NOTE: CONTRACTOR TO LOCATE AND EXISTING WATER SERVICE CONNECTION IF FEASIBLE. OTHERWISE REMOVE EXISTING WATER SERVICE LINE AND CAP AT MAIN IN R.O.W. IN ACCORDANCE WITH THE LOCAL WATER COMPANY REQUIREMENTS. TERMINATION AT THE MAIN MUST BE APPROVED BY THE LOCAL WATER COMPANY PRIOR TO COMPLETION. IF THE EXISTING WATER SERVICE CAN NOT BE UTILIZED, THE NEW SERVICE IS TO BE COORDINATED AND VERIFIED FOR LOCATION WITH THE LOCAL WATER COMPANY. CONTRACTOR SHALL OBTAIN ALL REQUIRED STREET OPENING PERMITS FOR REMOVAL OF EXISTING SERVICE AND INSTALLATION OF NEW SERVICE.
- EXISTING GAS SERVICE NOTE: CONTRACTOR TO LOCATE AND EXISTING GAS SERVICE CONNECTION IF FEASIBLE. OTHERWISE REMOVE EXISTING GAS SERVICE LINE AND CAP AT MAIN IN R.O.W. IN ACCORDANCE WITH THE LOCAL GAS COMPANY REQUIREMENTS. TERMINATION AT THE MAIN MUST BE APPROVED BY THE LOCAL GAS COMPANY PRIOR TO COMPLETION. ANY NEW SERVICE IS TO BE COORDINATED AND VERIFIED FOR LOCATION WITH THE LOCAL GAS COMPANY. THE CONTRACTOR SHALL OBTAIN ALL REQUIRED STREET OPENING PERMITS FOR REMOVAL OF EXISTING SERVICE AND INSTALLATION OF NEW SERVICE.
- SANITARY SEWER SERVICE NOTE: CONTRACTOR TO LOCATE AND EXISTING SEWER SERVICE CONNECTION IF OF ADEQUATE SIZE AND INTEGRITY AND ACCEPTABLE TO LOCAL SEWER AUTHORITY. OTHERWISE CONTRACTOR TO REMOVE EXISTING SEWER SERVICE LINE AND CAP AT MAIN IN R.O.W. IN ACCORDANCE WITH THE LOCAL SEWER AUTHORITY REQUIREMENTS. TERMINATION AT THE MAIN MUST BE APPROVED BY THE LOCAL SEWER AUTHORITY PRIOR TO COMPLETION. IF EXISTING SEWER SERVICE CAN NOT BE UTILIZED THEN THE NEW SERVICE IS TO BE COORDINATED AND VERIFIED FOR LOCATION WITH THE LOCAL SEWER AUTHORITY. CONTRACTOR SHALL OBTAIN ALL REQUIRED STREET OPENING PERMITS FOR REMOVAL OF EXISTING SERVICE AND INSTALLATION OF NEW SERVICE.

ADA NOTES

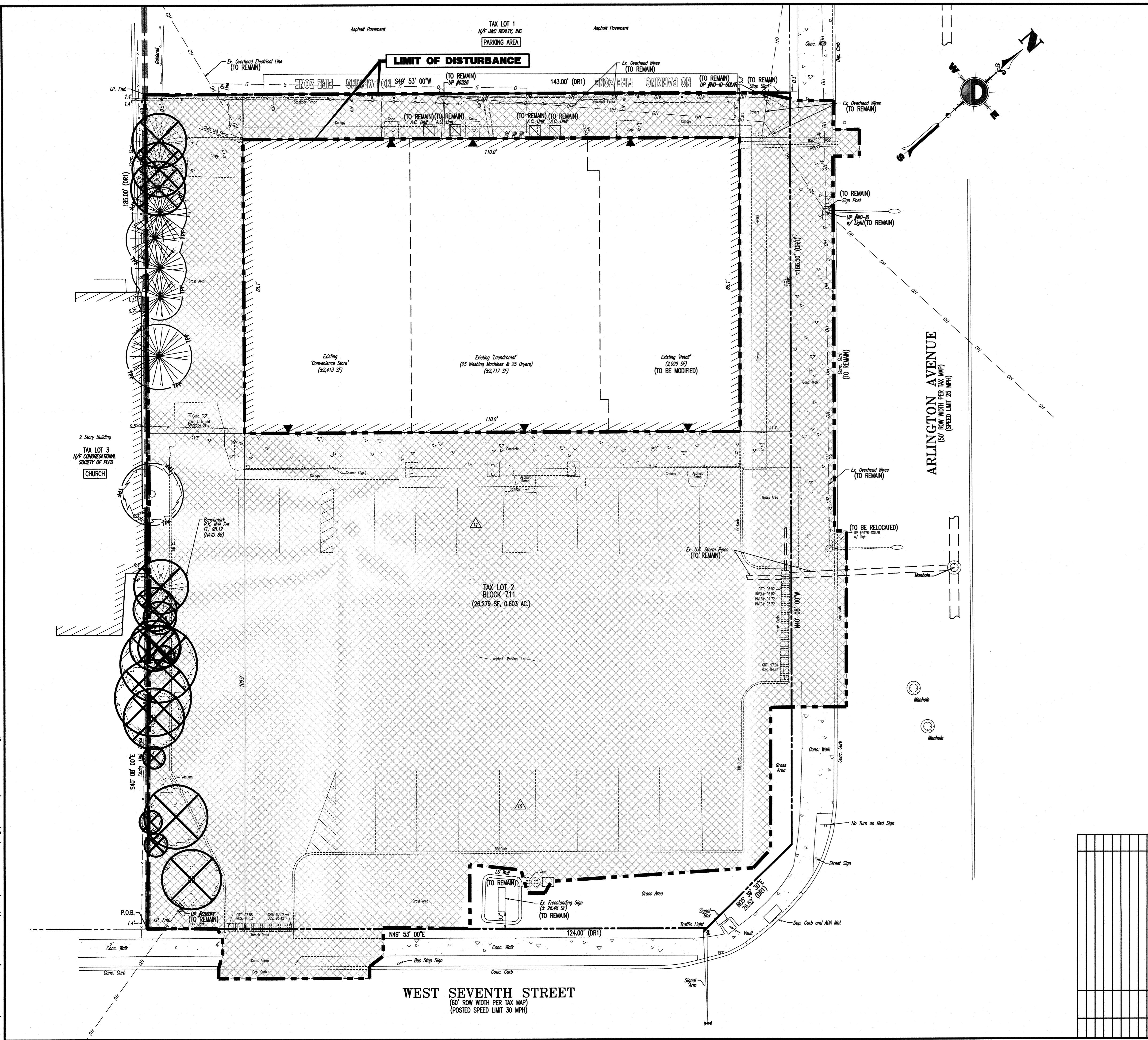
- ALL SLOPES INDICATED ARE ACTUAL. CONTRACTOR TO REFER TO LATEST ADA GUIDELINES AND NJ BARRIER FREE SUBCODE (NAC 523-7) FOR SLOPE LIMITS. AT THE TIME OF PLAN DESIGN, THE SLOPE LIMITS ARE AS FOLLOWS:
- SIDEWALKS / ACCESSIBLE ROUTES**
- RUNNING SLOPE: 1:20 (5%) MAX. (4.5% MAX. FOR NEW CONSTRUCTION)
 - CROSS SLOPE: 1:48 (2.08%) MAX. (1.5% MAX. FOR NEW CONSTRUCTION)
 - CHANGE IN LEVELS: 1/4" MAX. HEIGHT OR 2" MAX. HEIGHT WITH BEVELED EDGE. BEVELED EDGE SLOPE OF 1:2 (50%) MAX.
 - GAPS: 1/2" MAX. WIDTH ELONGATED OPENINGS SHALL BE PLACED SO LONG DIMENSION IS PERPENDICULAR TO PATH OF TRAVEL.
- CURB RAMP**
- SLOPE: 1:12 (8.3%) MAX. (7.4% MAX. FOR NEW CONSTRUCTION)
 - SIDE FLARE SLOPE: 1:10 (10%) MAX. (WHERE PEDS CROSS RAMP)
 - BOTTOM LANDING: 46" MIN. LENGTH; WIDTH TO MATCH CURB RAMP; 1:48 MAX. (2.08%) IN ALL DIRECTIONS (1.5% MAX. FOR NEW CONSTRUCTION)
 - TOP LANDING: 36" MIN. LENGTH; WIDTH TO MATCH CURB RAMP; 1:48 MAX. (2.08%) CROSS SLOPE (1.5% MAX. FOR NEW CONSTRUCTION) AND 1:20 (5%) RUNNING SLOPE (4.5% MAX. FOR NEW CONSTRUCTION)
- ACCESSIBILITY PARKING STALLS**
- SPACE AND ACCESS ASILE SLOPE: 1:48 MAX. (2.08%) IN ALL DIRECTIONS (1.5% MAX. FOR NEW CONSTRUCTION)
- CROSSWALKS**
- RUNNING SLOPE: 1:20 (5%) MAX. (4.5% MAX. FOR NEW CONSTRUCTION)
 - CROSS SLOPE: 1:48 (2.08%) MAX. (1.5% MAX. FOR NEW CONSTRUCTION)
 - CHANGE IN LEVELS: 1/4" MAX. HEIGHT OR 2" MAX. HEIGHT WITH BEVELED EDGE. BEVELED EDGE SLOPE OF 1:2 (50%) MAX.
 - GAPS: 1/2" MAX. WIDTH ELONGATED OPENINGS SHALL BE PLACED SO LONG DIMENSION IS PERPENDICULAR TO PATH OF TRAVEL.
- RAMPS**
- SLOPE: 1:12 (8.3%) MAX. (7.4% MAX. FOR NEW CONSTRUCTION)
 - EXISTING RAMPS: SLOPE: 1:10 (10%) MAX. (WHERE PEDS CROSS RAMP)
 - MAX. RISE: 3"
 - MIN. CLEAR WIDTH: 36"
 - MIN. LANDING CLEAR LENGTH: 60"
 - MAX. CROSS SLOPE: 1:48 (2.08%) (1.5% MAX. FOR NEW CONSTRUCTION)

LANDSCAPE PLAN NOTES

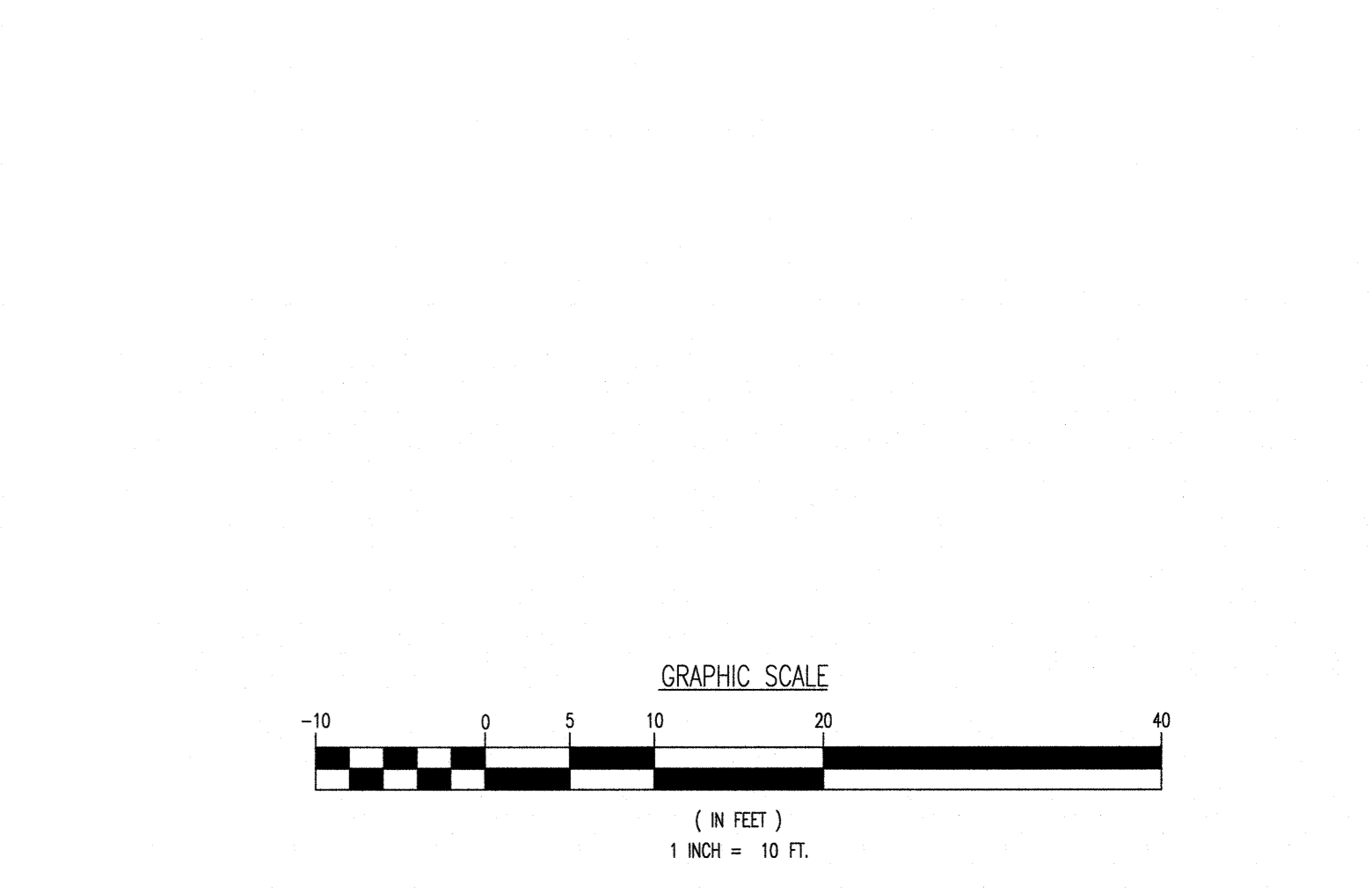
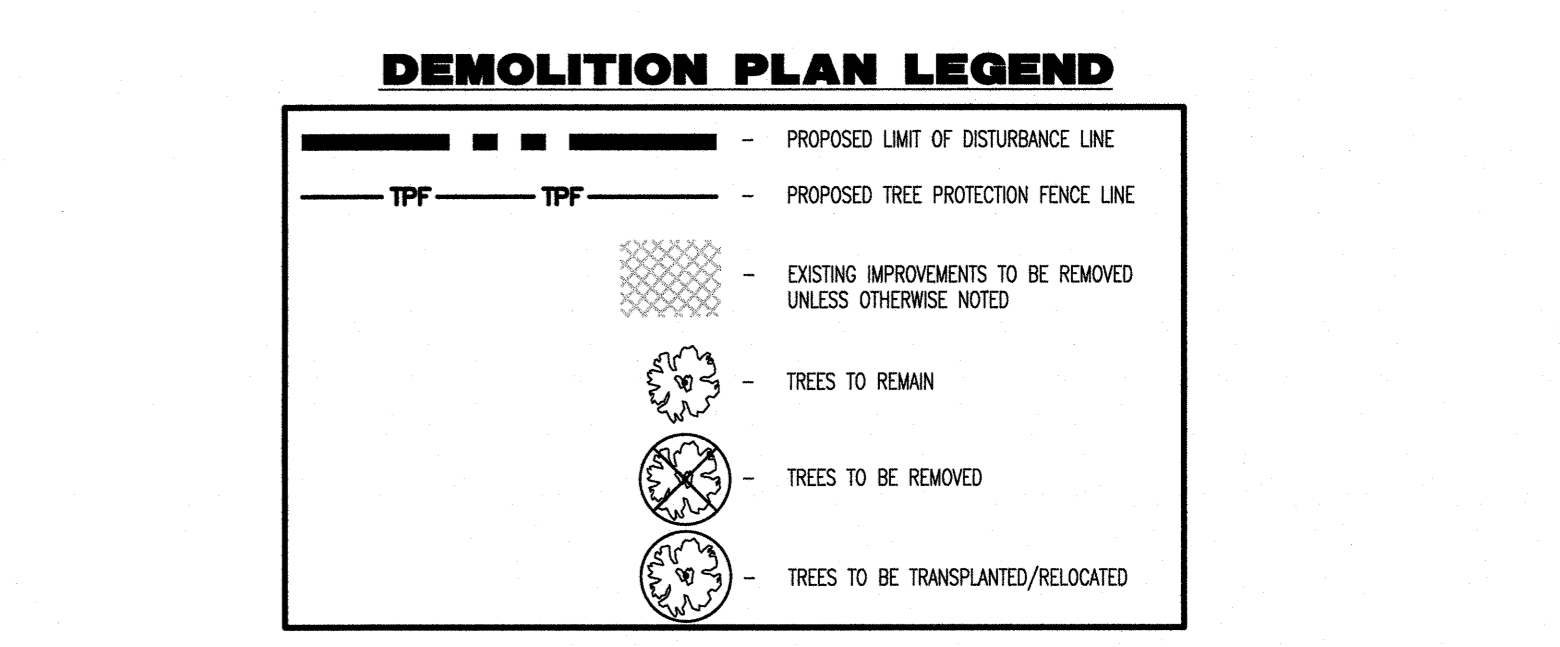
PLANTING NOTES

- PLANT MATERIAL SHALL BE FURNISHED AND INSTALLED AS INDICATED, INCLUDING ALL LABOR, MATERIALS, PLANTS, EQUIPMENT, INCIDENTALS, AND CLEAN-UP.
- PLANTING SHALL BE ACCORDING TO THE PLANTING SCHEDULE AND ALLOWANCES. CONTRACTOR TO APPROVE BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
- PLANTS SHALL BE TYPICAL OF THEIR SPECIES AND VARIETY; HAVE NORMAL GROWTH HABITS; WELL DEVELOPED BRANCHES; HEAVILY FOLIATED; WINDROOM ROOFS SYSTEMS AND BE FREE FROM DEFECTS AND INJURIES.
- ALL PLANT MATERIAL SHALL BE GUARANTEED BY THE CONTRACTOR TO BE IN WINDROOM GROWING CONDITION. PROVISION SHALL BE MADE FOR A GROWTH GUARANTEE OF AT LEAST PLANT AND GROWING PERIODS. ALL REPLACEMENTS SHALL BE MADE AT THE BEGINNING OF THE NEXT SUCCEEDING PLANTING SEASON. ALL REPLACEMENTS SHALL HAVE A GUARANTEE EQUAL TO THAT STATED ABOVE.
- INSPECTOR WILL VERIFY PLANT MATERIAL QUALITY AT THE TIME OF DELIVERY. IN THE EVENT THIS IS NOT POSSIBLE, THE CONTRACTOR SHALL PROTECT STOCK UNPLANTED PLANTS. PLANTS SHALL BE REMOVED FOR LONGER THAN A THREE DAY PERIOD AFTER DELIVERY; ANY PLANTS NOT INSTALLED DURING THIS PERIOD WILL BE REJECTED.
- HEIGHT AND SIZE OF PLANTS, SPACING OF ROOTS, AND SIZE OF BALLS SHALL BE IN ACCORDANCE WITH ANSI Z601 (REV. 2001) "AMERICAN STANDARD FOR NURSERY STOCK" AS PUBLISHED BY THE AMERICAN NURSERY & LANDSCAPE ASSOCIATION.
- PLANTS TO BE PLANTED IN PROXIMITY WATERED AND TAMED AS BACK FILLING PROGRESS. PLANTING MAY BE AS SHOWN ON PLANTING DETAILS. LARGE PLANTING AREAS TO INCORPORATE FERTILIZER AND SOIL CONDITIONS AS STATED IN PLANTING SPECIFICATIONS.
- PLANTS SHALL NOT BE BOUND WITH WIRE OR ROPE AT ANY TIME SO AS TO DAMAGE THE BARK OR BREAK BRANCHES. PLANTS SHALL BE HANGLED FROM THE BOTTOM OF THE TRUNK.
- PLANTING OPERATIONS SHALL BE PERFORMED DURING PERIODS WITHIN THE PLANTING SEASON WHEN WEATHER AND SOIL CONDITIONS ARE SUITABLE AND IN ACCORDANCE WITH ACCEPTED PRACTICES. PLANTING OPERATIONS SHALL BE PERFORMED IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:
- ALL PLANTS SHALL BE PLANTED AT A DEPTH OF TWO FEET FROM EXISTING STRUCTURES AND SIDEWALKS.
- SET ALL PLANTS PLUMBS AND STRAIGHT; SET AT SUCH LEVEL THAT A NORMAL OR NATURAL RELATIONSHIP TO THE CROWN OF THE PLANT WITH THE GROUND SURFACE WILL BE ESTABLISHED. LOCATE PLANT IN THE CENTER OF THE PIT.
- ALL BARRIED ROOTS SHALL BE PRUNED TO MAKE CLEAN ENDS BEFORE PLANTING UTILIZING CLEAN, SHARP TOOLS. IT IS ADVISABLE TO PRUNE APPROXIMATELY 1/3 OF THE GROWTH OF LARGE TREES (12" CALIPER AND OVER) BY THE REMOVAL OF SUPERFLUOUS BRANCHES, THOSE WHICH CROSS, THOSE WHICH RUN PARALLEL, ETC. MAIN LEADER OF TREES WILL NOT BE CUT BACK LONGER THAN 30% UNLESS OTHERWISE NOTED.
- EACH TREE AND SHRUB SHALL BE PRUNED IN ACCORDANCE WITH STANDARD HORTICULTURAL PRACTICE TO PRESERVE NATURAL CHARACTER OF PLANT. PRUNING SHALL BE DONE WITH CLEAN, SHARP TOOLS.
- ALL EXISTING TREES TO BE REMOVED SHALL BE PRUNED TO REMOVE ANY DAMAGED BRANCHES AS A RESULT OF CONSTRUCTION OPERATIONS. ALL EXISTING TREES SHALL BE FERTILIZED WITH A REGULAR GARDEN FERTILIZER (5-10-5) UPON COMPLETION OF WORK. THE ENTIRE LIMB OF ANY DAMAGED BRANCH SHALL BE CUT OFF AT THE TRUNK.
- ALL PLANTING BOTH BEFORE AND AFTER CONSTRUCTION SHALL BE MULCHED WITH 4" LAYER OF WOOD CHIPS OR APPROVED EQUAL.
- NEW PLANTING AREAS AND SOIL SHALL BE ADEQUATELY IRRIGATED OR WATERED TO ESTABLISH THE PROPOSED PLANTS AND LAWN.
- ALL PLANTING SHALL BE ACCORDING TO THE PLANTING SCHEDULE AND ALLOWANCES. CONTRACTOR TO APPROVE BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. INSPECTED AND APPROVED BY THE MUNICIPAL LANDSCAPE ARCHITECT, THE MUNICIPAL ENGINEER AND LANDSCAPE ARCHITECT SHALL TAKE AND ACCEPT SEASONAL CONSIDERATIONS IN THIS

Plotted: 02/03/20 1:49 PM. By: aboyd, File: P:\DCEPC PROJECTS\3327 Amin Family, LLC\09-001 Plainfield\DWG\Site Plans\032799001SR0.dwg, ---> 04 DEMOLITION PLAN

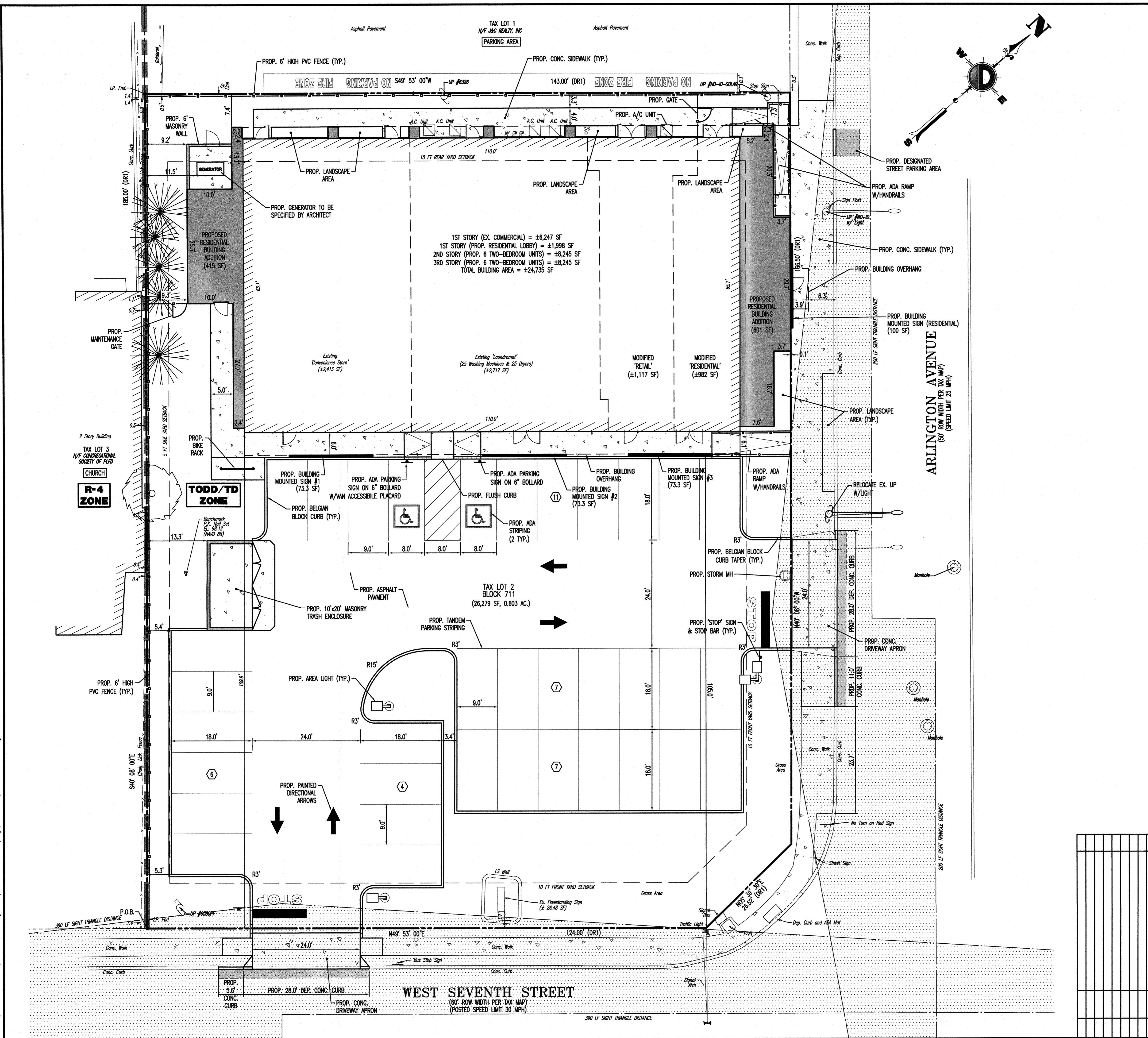


- ### DEMOLITION NOTES
- ALL DEMOLITION ACTIVITIES ARE TO BE PERFORMED IN STRICT ADHERENCE TO ALL FEDERAL, STATE AND LOCAL REGULATIONS.
 - PROCEED WITH DEMOLITION IN A SYSTEMATIC MANNER, FROM THE TOP OF THE STRUCTURE(S) TO THE GROUND.
 - COMPLETE DEMOLITION WORK ABOVE EACH FLOOR OR TIER BEFORE DISTURBING ANY OF THE SUPPORTING MEMBERS OF THE LOWER LEVELS.
 - DEMOLISH CONCRETE AND MASONRY IN SMALL SECTIONS.
 - REMOVE STRUCTURAL FRAMING MEMBERS AND LOWER THEM TO THE GROUND BY MEANS OF HOISTS, DERRICKS OR OTHER SUITABLE METHODS.
 - BREAK UP CONCRETE SLABS-ON-GRADE, UNLESS OTHERWISE DIRECTED BY OWNER.
 - LOCATE DEMOLITION EQUIPMENT THROUGHOUT THE STRUCTURE AND REMOVE MATERIALS SO AS TO NOT IMPOSE EXCESSIVE LOADS ON SUPPORTING WALLS, FLOORS, OR FRAMING.
 - PROVIDE INTERIOR AND EXTERIOR SHORING, BRACING AND SUPPORTS TO PREVENT MOVEMENT, SETTLEMENT OR COLLAPSE OF STRUCTURES TO BE DEMOLISHED (AND ADJACENT FACILITIES, IF APPLICABLE).
 - DEMOLISH AND REMOVE ALL FOUNDATION WALLS, FOOTINGS AND OTHER MATERIALS WITHIN THE AREA OF THE DESIGNATED FUTURE BUILDING. ALL OTHER FOUNDATION SYSTEMS, INCLUDING BASEMENTS, SHALL BE DEMOLISHED TO A DEPTH OF NOT LESS THAN ONE FOOT BELOW PROPOSED PAVEMENT OR BREAK BASEMENT FLOOR SLABS. SEAL ALL OPEN UTILITY LINES WITH CONCRETE. CONTRACTOR TO REVIEW STRUCTURE PRIOR TO DEMOLITION TO DETERMINE IF BASEMENT, CRAWL SPACE OR ANY SUB-STRUCTURE EXISTS. ANY SUB-STRUCTURE, INCLUDING BASEMENTS SHALL BE REMOVED IN ITS ENTIRETY OR AS DIRECTED BY OWNER.
 - ERECT AND MAINTAIN COVERED PASSAGEWAYS IN ORDER TO PROVIDE SAFE PASSAGE FOR PERSONS AROUND THE AREA OF DEMOLITION. CONDUCT ALL DEMOLITION OPERATIONS IN A MANNER THAT WILL PREVENT DAMAGE AND PERSONAL INJURY TO STRUCTURES, ADJACENT BUILDINGS AND ALL PERSONS.
 - REFRAIN FROM USING ANY EXPLOSIVES WITHOUT PRIOR WRITTEN CONSENT OF OWNER AND APPLICABLE GOVERNMENTAL AUTHORITIES.
 - CONDUCT DEMOLITION SERVICES IN SUCH A MANNER TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS AND OTHER ADJACENT FACILITIES. DO NOT CLOSE OR OBSTRUCT STREETS, WALKS OR OTHER OCCUPIED FACILITIES WITHOUT PRIOR WRITTEN PERMISSION OF OWNER AND ANY APPLICABLE GOVERNMENTAL AUTHORITIES. PROVIDE ALTERNATE ROUTES AROUND CLOSED OR OBSTRUCTED TRAFFIC WAYS, IF REQUIRED BY APPLICABLE GOVERNMENTAL REGULATIONS.
 - USE WATERING, TEMPORARY ENCLOSURES AND OTHER SUITABLE METHODS, AS NECESSARY TO LIMIT THE AMOUNT OF DUST AND DIRT RISING AND SCATTERING IN THE AIR. CLEAN ADJACENT STRUCTURES AND IMPROVEMENTS OF ALL DUST AND DEBRIS CAUSED BY THE DEMOLITION OPERATIONS. RETURN ALL ADJACENT AREAS TO THE CONDITIONS EXISTING PRIOR TO THE START OF WORK.
 - ACCOMPLISH AND PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE UNAUTHORIZED ENTRY OF PERSONS AT ANY TIME.
 - COMPLETELY FILL BELOW GRADE AREAS AND VOIDS RESULTING FROM THE DEMOLITION OF STRUCTURES AND FOUNDATIONS WITH SOIL MATERIALS IN ACCORDANCE WITH THE GEOTECHNICAL REPORT, CONSISTING OF STONE, GRAVEL AND SAND, FREE FROM DEBRIS, TRASH, FROZEN MATERIALS, ROOTS AND OTHER ORGANIC MATTER. STONES USED WILL NOT BE LARGER THAN 6 INCHES IN DIMENSION. MATERIAL FROM DEMOLITION MAY NOT BE USED AS FILL PRIOR TO PLACEMENT OF FILL MATERIALS. UNDERTAKE ALL NECESSARY ACTION IN ORDER TO ENSURE THAT AREAS TO BE FILLED ARE FREE OF STANDING WATER, FROST, FROZEN MATERIAL, TRASH, DEBRIS. PLACE FILL MATERIALS IN HORIZONTAL LAYERS NOT EXCEEDING 6 INCHES IN LOOSE DEPTH AND COMPACT EACH LAYER AT PLACEMENT TO 95% OPTIMUM DENSITY. GRADE THE SURFACE TO MEET ADJACENT CONTOURS AND TO PROVIDE SURFACE DRAINAGE.
 - REMOVE FROM THE DESIGNATED SITE, AT THE EARLIEST POSSIBLE TIME, ALL DEBRIS, RUBBISH, SALVAGEABLE ITEMS, HAZARDOUS AND COMBUSTIBLE SERVICES. REMOVED MATERIALS MAY NOT BE STORED, SOLD OR BURNED ON THE SITE. REMOVAL OF HAZARDOUS AND COMBUSTIBLE MATERIALS SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THE PROCEDURES AS AUTHORIZED BY THE FIRE DEPARTMENT OR OTHER APPROPRIATE REGULATORY AGENCIES AND AUTHORITIES.
 - DISCONNECT, SHUT OFF AND SEAL IN CONCRETE ALL UTILITIES SERVING THE STRUCTURE(S) TO BE DEMOLISHED BEFORE THE COMMENCEMENT OF THE DESIGNATED DEMOLITION. MARK FOR POSITION ALL UTILITY DRAINAGE AND SANITARY LINES AND PROTECT ALL ACTIVE LINES. CLEARLY IDENTIFY BEFORE THE COMMENCEMENT OF DEMOLITION SERVICES THE REQUIRED INTERRUPTION OF ACTIVE SYSTEMS THAT MAY AFFECT OTHER PARTIES, AND NOTIFY ALL APPLICABLE UTILITY COMPANIES TO ENSURE THE CONTINUATION OF SERVICE.
 - THIS DEMOLITION PLAN IS INTENDED TO IDENTIFY THOSE EXISTING CONDITIONS WHICH ARE TO BE REMOVED. IT IS NOT INTENDED TO PROVIDE DIRECTION OTHER THAN THAT ALL PROCEDURES ARE TO BE IN ACCORDANCE WITH STATE, FEDERAL, LOCAL, AND JURISDICTIONAL REQUIREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SAFETY PRECAUTIONS NECESSARY.



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TITLE: DEMOLITION PLAN		
PROJECT: AMIN FAMILY, LLC PROPOSED MIXED USE DEVELOPMENT BLOCK 711, LOT 2, TAX MAP SHEET #92 202 WEST 7TH STREET & ARLINGTON AVENUE CITY OF PLAINFIELD, UNION COUNTY, NEW JERSEY		JOB No.: 3327-99-001 DATE: 01/31/2020 SCALE: (H) 1"=10' (V)
DESIGNED BY: LMS CHECKED BY: JEH	DATE: SCALE: SHEET No.:	4 OF 15 Rev. # 0
JAMES E. HENRY PROFESSIONAL ENGINEER NEW JERSEY LICENSE NO. 49286		JOSHUA M. SEWALD PROFESSIONAL ENGINEER NEW JERSEY LICENSE NO. 52908
ALL STATES REQUIRE APPROVAL OF CONTRACTS, PERMITS, OR AN INSURANCE POLICY. PLEASE SEE STATE SERVICE MANUALS FOR DETAILS. FOR STATE SPECIFIC DIRECT PHONE NUMBERS VISIT: WWW.CALL11.COM		

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GENERAL NOTES

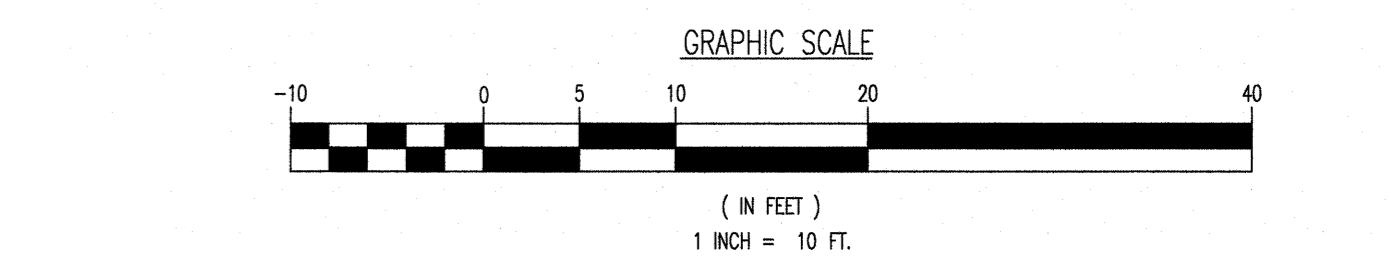
- THIS PLAN HAS BEEN PREPARED BASED ON REFERENCES INCLUDING:
 - BOUNDARY & TOPOGRAPHIC SURVEY BLOCK 711, LOT 2, CITY OF PLAINFIELD DYNAMIC SURVEY, LLC 1804 MAIN STREET, LAKE COMO, NJ 07719 SURVEYOR FILE NO. 3327-99-001SE DATED: 01/14/2020
- APPLICANT/OWNER: AMIN FAMILY, LLC 202 WEST 7TH STREET CITY OF PLAINFIELD, NJ 07060
- PARCEL DATA: BLOCK 711, LOT 2 202 WEST 7TH STREET & ARLINGTON AVENUE CITY OF PLAINFIELD UNION COUNTY, NJ
- ZONE: TRANSIT ORIENTED DEVELOPMENT DOWNTOWN - TRANSITION DISTRICT (TODD/TD)
- EXISTING USE: RETAIL STRIP CENTER (PERMITTED USE) (§ 17 ATTACHMENT 1) LAUNDROMAT (PERMITTED USE) (§ 17 ATTACHMENT 1)
- PROPOSED USE: RETAIL STRIP CENTER (PERMITTED USE) (§ 17 ATTACHMENT 1) LAUNDROMAT (PERMITTED USE) (§ 17 ATTACHMENT 1) RESIDENTIAL APARTMENTS (PERMITTED USE) (§ 17 ATTACHMENT 1) MIXED USE STRUCTURE (PERMITTED USE) (§ 17-9-36.1)
- SCHEDULE OF ZONING REQUIREMENTS (§ 17 ATTACHMENT 2)

ZONE REQUIREMENT	TODD/TD ZONE - MIXED USE	EXISTING	PROPOSED
MINIMUM LOT AREA	5,000 SF	26,279 SF (0.603 Ac)	26,279 SF (0.603 Ac)
MAXIMUM DWELLING DENSITY	25 du/Ac	0 du/Ac	19.9 du/Ac
MINIMUM LOT WIDTH	50 FT	143.0 FT	143.0 FT
MINIMUM LOT FRONTAGE	50 FT	317.02 FT	317.02 FT
MINIMUM LOT DEPTH	100 FT	185.0 FT	185.0 FT
MINIMUM FRONT YARD SETBACK	10 FT	109.9 FT	109.9 FT
MINIMUM FRONT YARD SETBACK (ARLINGTON AVENUE)	10 FT	11.3 FT	-3.9 FT (M)
MINIMUM SIDE YARD SETBACK	5 FT	21.7 FT	9.3 FT
MINIMUM COMBINED SIDE YARD SETBACK	10 FT	N/A	N/A
MINIMUM REAR YARD SETBACK	15 FT	9.9 FT (E)	7.3 (M)
MAXIMUM FLOOR AREA RATIO	1.8	0.275 (7,229 SF)	0.314 (8,245 SF)
MAXIMUM PERCENT TOTAL COVERAGE	60%	27.5% (7,229 SF)	31.4% (8,245 SF)
MAXIMUM PERCENT TOTAL COVERAGE (IMPERVIOUS)	70%	78.8% (20,729 SF) (E)	78.4% (20,603 SF) (E)
MAXIMUM NUMBER OF STORIES	3	1	3
MAXIMUM BUILDING HEIGHT	35 FT	< 35 FT	38.4 FT (M)
MINIMUM IMPROVEABLE AREA	2,100 SF [1]	20,397 SF	20,397 SF
MINIMUM IMPROVEABLE AREA (DIAMETER OF CIRCLE)	32 FT	128.0 FT	128.0 FT

- N/S: NO STANDARD N/A: NOT APPLICABLE (V): VARIANCE (E): EXISTING NON-CONFORMANCE
- THE AREA OF A LOT FOR THE PLACEMENT OF PRINCIPAL BUILDINGS, OFF-STREET PARKING LOTS, AND OFF-STREET LOADING AREAS WHICH IS LOCATED WITHIN THE ENVELOPE DELINEATED BY THE REQUIRED YARDS, OR BUFFERS OF THE ZONE DISTRICT AND WHICH IS NOT ENCLOSED UPON BY: (A) AN EXISTING OR PROPOSED PUBLIC RIGHT-OF-WAY, (B) AN AREA CLASSIFIED AS A FLOODWAY OR STREAM CORRIDOR BY THE NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND ENERGY OR AS AN AREA OF SPECIAL FLOOD HAZARD OR FLOODWAY, (C) WETLANDS OR ANY REQUIRED WETLANDS TRANSITION AREA PURSUANT TO THE NEW JERSEY FRESHWATER WETLANDS PROTECTION ACT (N.J.S.A. 14:27-1, ET SEQ.), EXCEPT WHERE CONSTRUCTION, FILL, OR DISTURBANCE HAS BEEN AUTHORIZED PURSUANT TO THE FRESHWATER WETLANDS ACT, (D) SLOPE AREAS WHERE THE INCLINATION OF THE LAND'S SURFACE FROM THE HORIZONTAL IS FIFTEEN PERCENT (15%) OR GREATER FOR A TEN (10) FOOT INTERVAL, OR (E) STREAM CORRIDORS. (§ 17-9-1-6)
 - EVERY CORNER LOT HAS TWO (2) FRONT YARDS FOR THE PURPOSES OF DETERMINING THE REAR YARD ON A CORNER LOT, THE INTERIOR LOT LINE OPPOSITE THE STREET LINE WITH THE SHORTEST FRONTAGE SHALL BE CONSIDERED TO BE THE REAR LOT LINE AND ANY REMAINING INTERIOR LOT LINES SHALL BE CONSIDERED SIDE LOT LINES FOR THE PURPOSES OF DETERMINING SIDE YARDS. (§ 17-9-36.4)
 - PARKING REQUIREMENTS:
 - A PARKING LOT SHALL BE LOCATED TO THE REAR OF A BUILDING AND/OR THE INTERIOR OF THE SITE WHERE ITS VISUAL IMPACT TO ADJACENT PROPERTIES AND THE PUBLIC RIGHT-OF-WAY CAN BE MINIMIZED. PARKING LOTS SHALL BE PROHIBITED IN ANY REQUIRED SIDE YARD SETBACK AREA OR FRONT YARD AREA. (§ 17-9-42.1) (E)
 - ANY BUILDING OR SITE CONTAINING MORE THAN ONE (1) USE SHALL MEET THE COMBINED PARKING SPACE REQUIREMENTS FOR ALL USES, BASED ON THE AREA UTILIZED FOR EACH SEPARATE USE. (§ 17-9-42.2)
 - PARKING LOTS OR INDIVIDUAL SPACES SHALL BE PROHIBITED WITHIN FRONT YARD AREAS. (§ 17-9-42.3) (E)
 - D PARKING SPACES SHALL BE A MINIMUM OF NINE (9) FEET IN WIDTH AND EIGHTEEN (18) FEET IN LENGTH. (§ 17-9-42.4)
 - IN THE TODD/TD ZONES, ON-SITE PARKING SPACES FOR RESIDENTIAL UNITS AND ANY OTHER PARKING THAT IS PROVIDED MUST BE ON SITE. (§ 17-9-42.5(1))
 - SHARED PARKING IS ENCOURAGED IN ALL TODD ZONES AND IS REQUIRED FOR THE RESIDENTIAL COMPONENT OF ALL MIXED USE DEVELOPMENTS. THE METHODOLOGY TO CALCULATE THE NUMBER OF SHARED PARKING SPACES SHALL BE THAT FOUND IN THE MOST RECENT PUBLICATION OF THE URBAN LAND INSTITUTE SHARED PARKING OR APPROVED EQUIVALENT. (§ 17-9-42.5(3))
 - RETAIL SALES AND SERVICE USES REQUIRE ONE (1) PARKING SPACE PER 300 SQUARE FEET OF GROSS FLOOR AREA. (§ 17-9-42.4(2)) RESIDENTIAL UNITS IN ALL TODD ZONES REQUIRE ONE (1) PARKING SPACE FOR EACH DWELLING UNIT (DU). (§ 17-9-42.4(2)) LAUNDROMATS REQUIRE ONE (1) PARKING SPACE PER TWO (2) WASHER AND DRYER MACHINES. (§ 17-9-42.4(2))
- PARKING CALCULATION:
 RETAIL USE: (3,530 SF)*(1 PARKING SPACE/300 SF) = 12 SPACES REQUIRED
 LAUNDROMAT: (25 WASHERS & DRYERS)*(1 PARKING SPACE/2 WASHERS & DRYERS) = 13 SPACES REQUIRED
 RESIDENTIAL UNIT: (12 DU)*(1 PARKING SPACE/DU) = 12 SPACES REQUIRED
 TOTAL SPACES REQUIRED = 37 SPACES REQUIRED
 TOTAL SPACES PROPOSED = 35 SPACES PROPOSED (M)

SEE SHEET 03 OF 15 FOR CONTINUED SITE PLAN NOTES

SEE SHEET 13 OF 15 FOR CONTINUED SIGNAGE TABLE



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SITE PLAN

TITLE: _____

PROJECT: **AMIN FAMILY, LLC**
PROPOSED MIXED USE DEVELOPMENT
 BLOCK 711, LOT 2, TAX MAP SHEET #92
 202 WEST 7TH STREET & ARLINGTON AVENUE
 CITY OF PLAINFIELD, UNION COUNTY, NEW JERSEY

JOB No: 3327-99-001 DATE: 01/31/2020
 DRAWN BY: DJB SCALE: (H) 1"=10'
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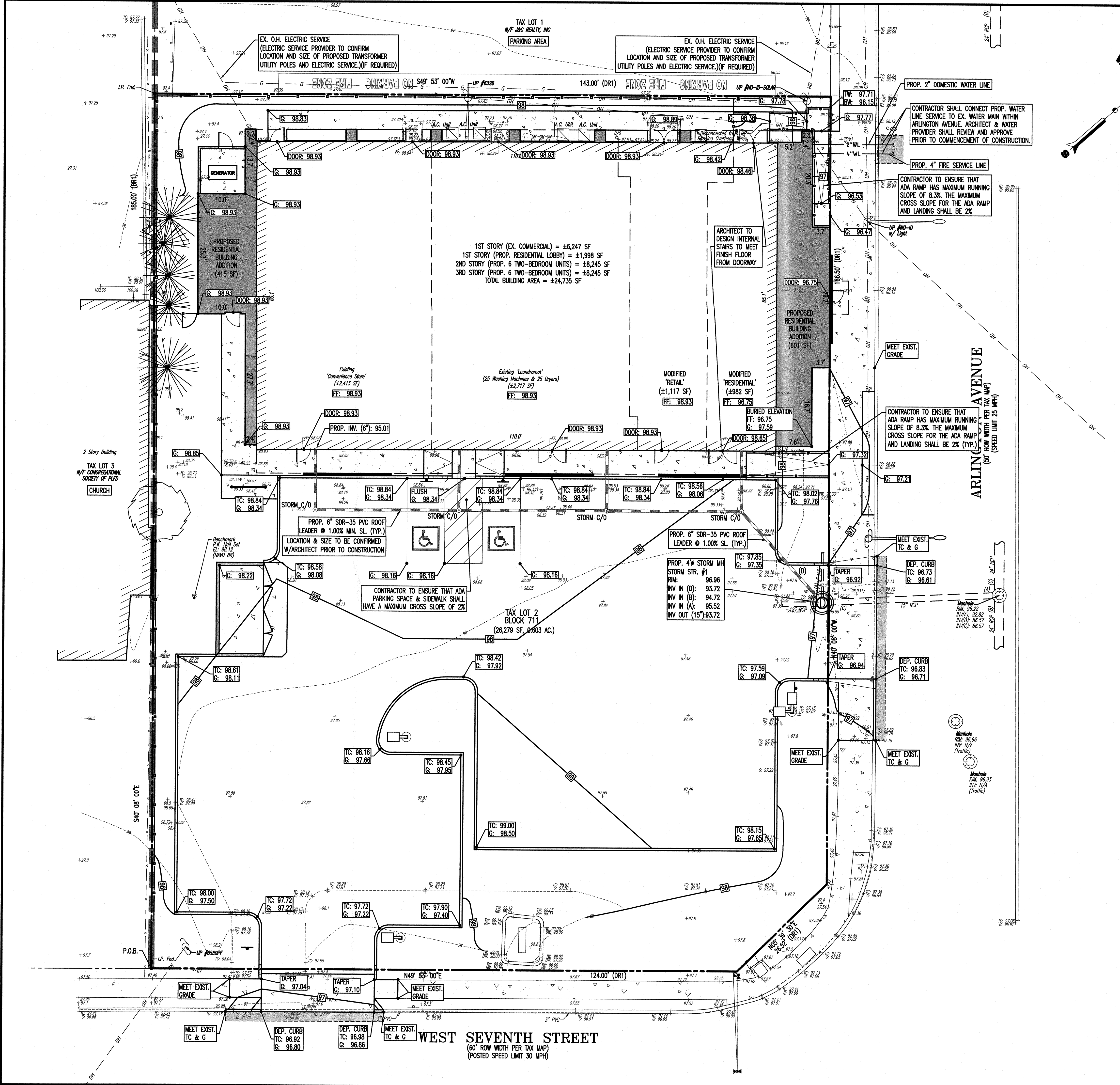
JAMES E. HENRY PROFESSIONAL ENGINEER
 NEW JERSEY LICENSE NO. 52966

JOSHUA M. SEWALD PROFESSIONAL ENGINEER
 NEW JERSEY LICENSE NO. 52908

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Project: 02/03/20 - 2027 PM, Dr. Henry, LLC, Family, LLC, 98-03, Plainfield (Long Site) (Plan) 0332799001.SKO.dwg, ---> 06 GRADING, DRAINAGE & UTILITY PLAN
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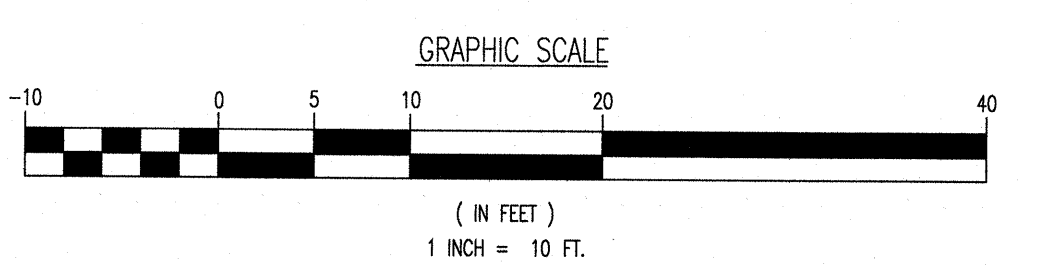


GRADING/UTILITY GRAPHIC LEGEND

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

SEE SHEET 06 OF 15 FOR GRADING & UTILITY PLAN NOTES

PRIOR TO CONSTRUCTION, CONTRACTOR AND ARCHITECT SHALL CONFIRM THE EXISTING SANITARY SEWER, ELECTRIC AND GAS SERVICE CONNECTIONS ARE ADEQUATE FOR THE PROPOSED BUILDING IMPROVEMENTS. CONTRACTOR SHALL COORDINATE WITH ARCHITECT IN ORDER TO CONFIRM LOCATION OF UTILITY CONNECTIONS.



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TITLE: **GRADING, DRAINAGE & UTILITY PLAN**

PROJECT: **AMIN FAMILY, LLC
PROPOSED MIXED USE DEVELOPMENT
BLOCK 711, LOT 2; TAX MAP SHEET #92
202 WEST 7TH STREET & ARLINGTON AVENUE
CITY OF PLAINFIELD, UNION COUNTY, NEW JERSEY**

JOB No: 3327-99-001
 DRAWN BY: DJB
 DESIGNED BY: LMS
 CHECKED BY: JEH

DATE: 01/31/2020
 SCALE: (H) 1"=10'
(V)
 SHEET No: **6**
 OF 15
 Rev: # 0

JAMES E. HENRY
PROFESSIONAL ENGINEER
NEW JERSEY LICENSE No. 49266

JOSHUA M. SEWALD
PROFESSIONAL ENGINEER
NEW JERSEY LICENSE No. 52908

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SYMBOL	QTY	LABEL	LUMENS	MOUNTING HEIGHT	ARRANGEMENT	LIGHT LOSS FACTOR	MANUFACTURER	DESCRIPTION	IES FILE
⊠	1	A-18L-5	16,776	14 FT	SINGLE	1.0	LSI INDUSTRIES	MIRADA MEDIUM AREA LIGHT 18L 3000K TYPE 5	MIM-LED-18L-SL-5W-30-700RI.ies
⊠	2	W-06L-3	5,606	11 FT	SINGLE	1.0	LSI INDUSTRIES	MIRADA WALL SCONCE-XWM 6L 3000K TYPE 3	XWM-3-LED-06L-30.ies
⊠	1	W-02L-2	2,822	9 FT	SINGLE	1.0	LSI INDUSTRIES	MIRADA WALL SCONCE-XWM 3L 3000K TYPE 2	XWM-2-LED-03L-30.ies
⊠	1	A-18L-FT-2	17,143	14 FT	2 @ 90 DEGREES	1.0	LSI INDUSTRIES	MIRADA MEDIUM AREA LIGHT 18L 3000K FORWARDED THROW	MIM-LED-18L-SL-FT-30-700RI.ies
⊠	1	A-09L-3	8,804	14 FT	SINGLE	1.0	LSI INDUSTRIES	MIRADA MEDIUM AREA LIGHT 09L 3000K TYPE 3	MIM-LED-09L-SL-3-30-700RI.ies
⊠	3	WP-02L-30	2,125	9 FT	SINGLE	1.0	LSI INDUSTRIES	WP5LS SERIES SMALL LED WALL PACK 2L	WP5LS-02L-30.ies
⊠	9	WP-01L-30	1,206	9 FT	SINGLE	1.0	LSI INDUSTRIES	WP5LS SERIES SMALL LED WALL PACK 1L	WP5LS-01L-30.ies

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).

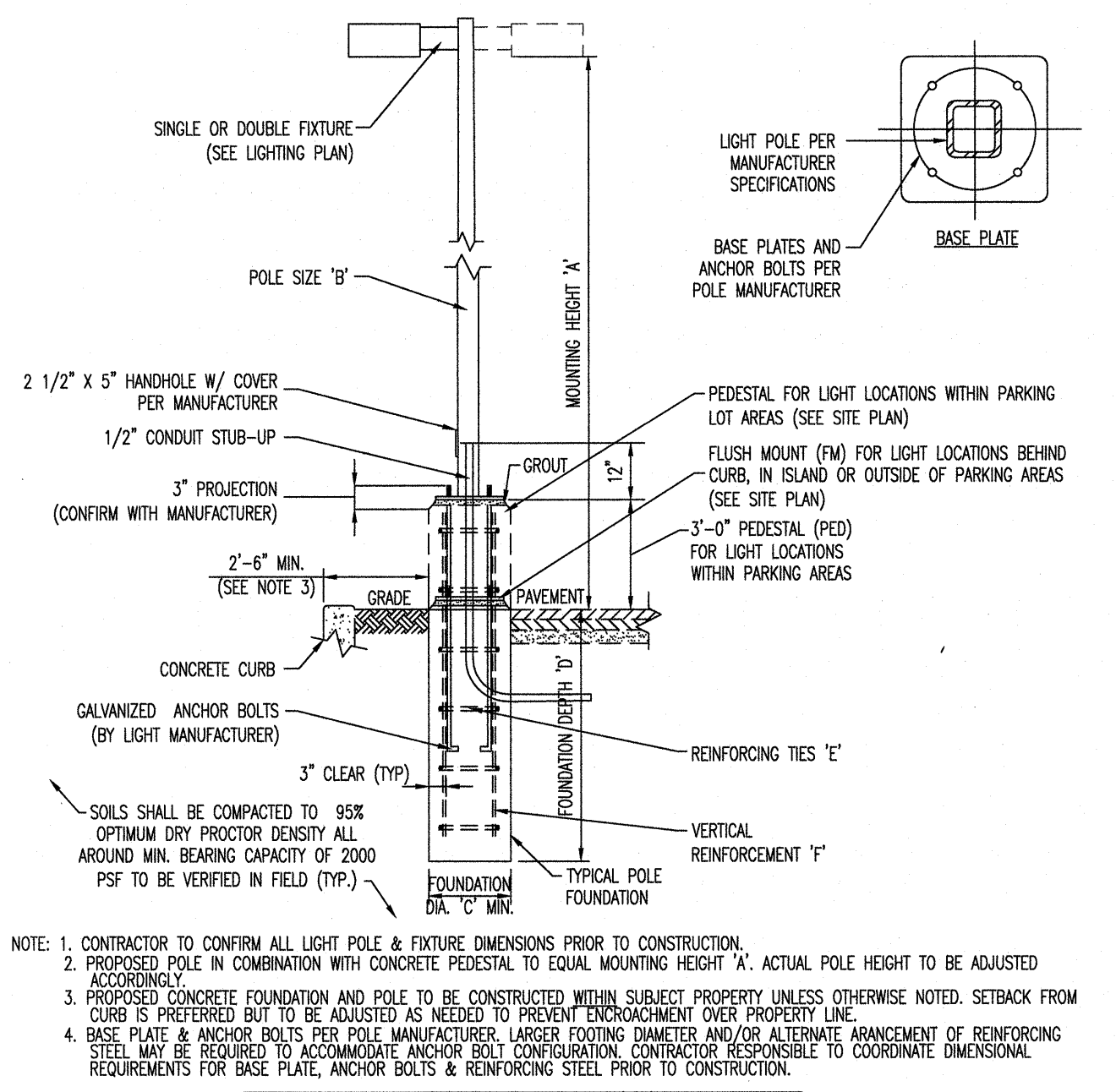
LABEL	AVERAGE	MAXIMUM	MINIMUM	AVG./MIN.	MAX./MIN.	DESCRIPTION
DRIVE AISLE	5.14	13.2	1.8	2.86	7.33	LIGHT LEVELS TAKEN WITHIN DRIVE AISLES
PARKING	3.82	20.7	0.8	4.78	25.88	LIGHT LEVELS TAKEN WITHIN PARKING AREAS
PIQ	3.80	20.7	0.0	N.A.	N.A.	LIGHT LEVELS TAKEN WITHIN PROPERTY IN QUESTION
SIDEWALK	3.90	6.9	1.4	2.79	4.93	LIGHT LEVELS TAKEN WITHIN PROPOSED SIDEWALK

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 DERIVED ON THIS PLAN SHOULD BE CONSIDERED AS APPROXIMATE.
- CONDUITS SHALL BE INSTALLED A MINIMUM OF 2 FEET BEHIND GUERD POSTS.
- ALL WIRING METHODS AND EQUIPMENT CONSTRUCTION SHALL CONFORM TO THE CURRENT NATIONAL ELECTRICAL CODE.
- REFER TO ARCHITECTURAL PLANS FOR LIGHTING DIAGRAM.

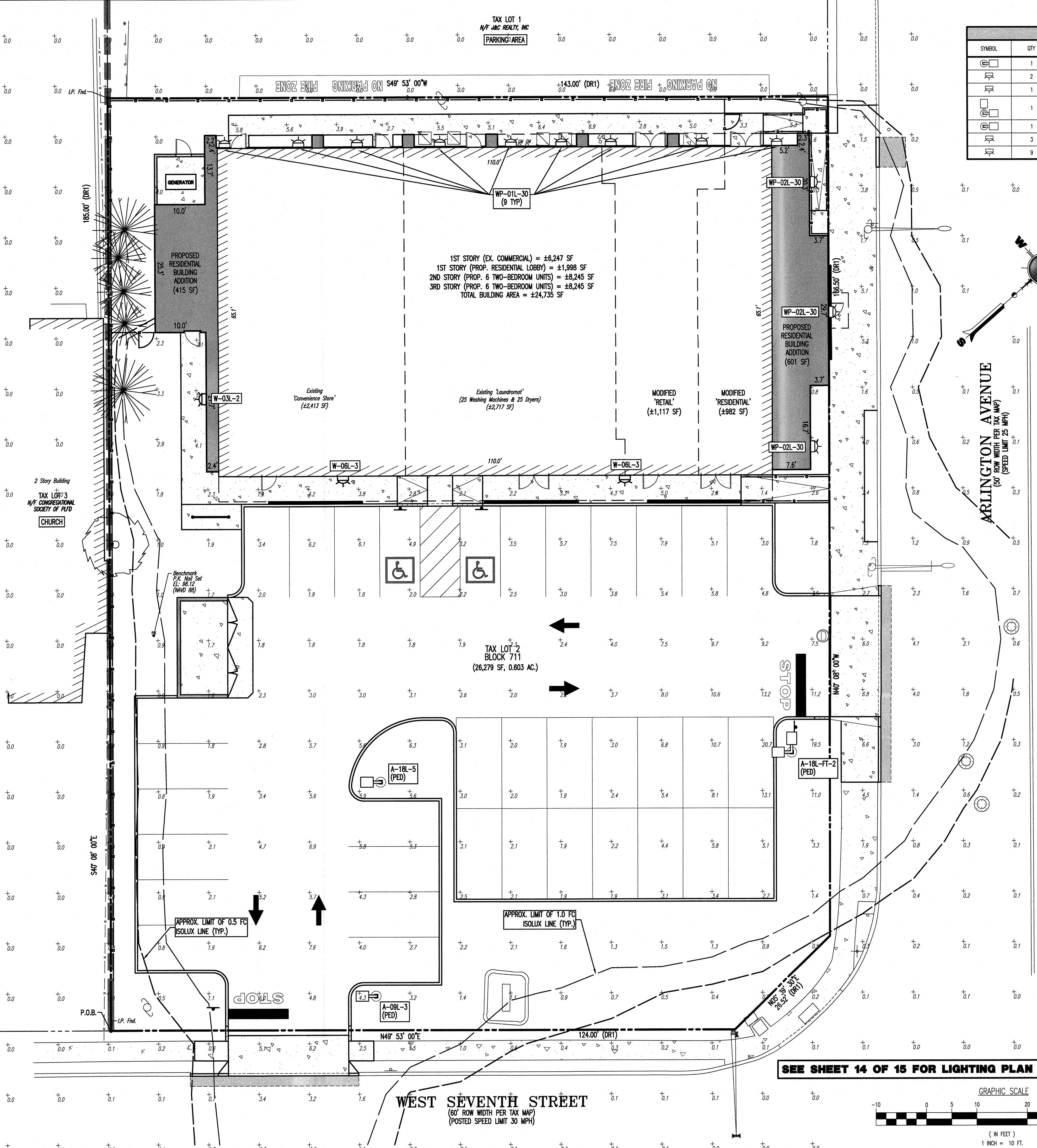
TOWNSHIP LIGHTING NOTES

- SITES WITH GREATER THAN ONE HUNDRED (100) FEET OF STREET FRONTAGE SHALL PROVIDE DECORATIVE LAMPPOSTS APPROXIMATELY TEN (10) FEET TO TWELVE (12) FEET HIGH SPACED AT INTERVALS OF APPROXIMATELY FORTY (40) FEET TO SIXTY (60) FEET ALONG OR NEAR ALL STREET LINES AND DRIVEWAYS. (§ 17:11-12.4) (W.A.V.E.R.)
- WALKWAYS IN THE INTERIOR OF A SITE SHALL HAVE DECORATIVE LAMPPOSTS APPROXIMATELY TEN (10) FEET TO TWELVE (12) FEET HIGH SPACED AT INTERVALS OF APPROXIMATELY THIRTY (30) FEET TO FORTY (40) FEET. (§ 17:11-12.4) (W.A.V.E.R.)
- THE AVERAGE ILLUMINATION LEVEL FOR PARKING LOTS SHALL BE 1.0 TO 2.5 FOOT-CANDELES. (§ 17:11-12.7) (W.A.V.E.R.)
- THE AVERAGE ILLUMINATION LEVEL FOR PEDESTRIAN WALKWAYS SHALL BE 0.5 TO 1.0 FOOT-CANDELES. (§ 17:11-12.7) (W.A.V.E.R.)
- IN NONRESIDENTIAL ZONE DISTRICTS, LIGHTING SHALL BE PROVIDED BY FIXTURES WITH A MOUNTING HEIGHT NOT MORE THAN TWENTY-FIVE (25) FEET OR THE HEIGHT OF THE BUILDING, WHICHEVER IS LESS, MEASURED FROM THE GROUND LEVEL TO THE CENTER LINE OF THE LIGHT SOURCE. (§ 17:11-12.6) (W.A.V.E.R.)
- LIGHTING FOR PEDESTRIAN WAYS SHALL BE PROVIDED BY FIXTURES WITH A MOUNTING HEIGHT OF NOT MORE THAN TWELVE (12) FEET. (§ 17:11-12.6) (W.A.V.E.R.)

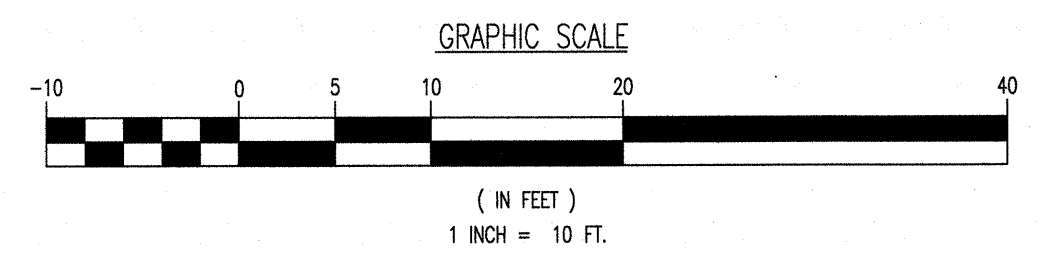


LIGHT POLE FOUNDATION SCHEDULE	
MOUNTING HEIGHT ABOVE GRADE 'A'	14'-17'
POLE DIA. 'B'	6" SQUARE (OR PER MANUFACTURER)
# OF FIXTURES	SINGLE OR DOUBLE
FOUNDATION DIAMETER 'C'	18" DIA. ROUND
FOUNDATION DEPTH 'D'	6'
REINFORCING TIES 'E'	#4 @ 16" O.C.
VERTICAL REINFORCEMENT 'F'	(6) #5 BARS EQUALLY SPACED

- SOIL NOTES**
- FOOTING DESIGN BASED ON ASSUMED MINIMUM ALLOWABLE SOILS BEARING CAPACITY OF 2,000 PSF. CONTRACTOR RESPONSIBLE TO VERIFY ADEQUACY OF ASSUMED BEARING CAPACITY PRIOR TO CONSTRUCTION. ENGINEER TO BE NOTIFIED IF INCONSISTENCIES EXIST.
 - SUBGRADE TO BE FREE OF ORGANICS AND BE SUITABLE, COMPACTED MATERIAL.
- CONCRETE NOTES**
- CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI AT 28 DAYS WITH A MINIMUM CEMENT CONTENT OF 600 POUNDS PER CUBIC YARD FOR ALL FOOTINGS.
 - ALL CONCRETE SHALL HAVE A SLUMP OF NO GREATER THAN 4" WITH A TOLERANCE OF 1".
 - ALL CURED CONCRETE SHALL BE AIR-ENTRAINED WITHIN 1% TOLERANCE, CONFORMING TO ASTM C260.
 - REINFORCING FRAMEWORK AND PLACEMENT OF CONCRETE SHALL COMPLY WITH GOOD CONSTRUCTION PRACTICES AND BE IN ACCORDANCE WITH ALL LOCAL GOVERNING CODES AND REGULATIONS AS WELL AS THE A.I.A. AND UNIFORM BUILDING CODE.



SEE SHEET 14 OF 15 FOR LIGHTING PLAN SPECIFICATIONS



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TITLE: LIGHTING PLAN

PROJECT: **AMIN FAMILY, LLC**
 PROPOSED MIXED USE DEVELOPMENT
 BLOCK 711, LOT 2, TAX MAP SHEET #92
 202 WEST 7TH STREET & ARLINGTON AVENUE
 CITY OF PLAINFIELD, UNION COUNTY, NEW JERSEY

JOB No: 3327-99-001
 DATE: 01/31/2020
 DRAWN BY: DJB
 SCALE: (H) 1"=10' (V)
 DESIGNED BY: LMS
 SHEET No:
 CHECKED BY: JEH
 CHECKED BY: -

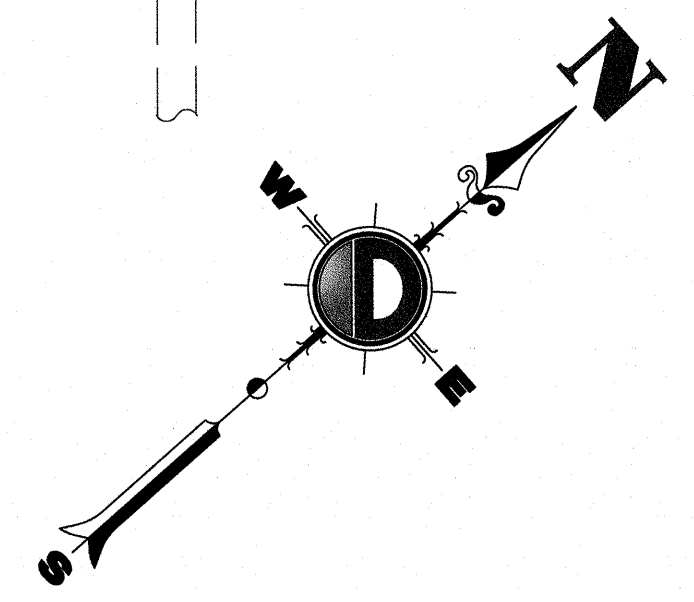
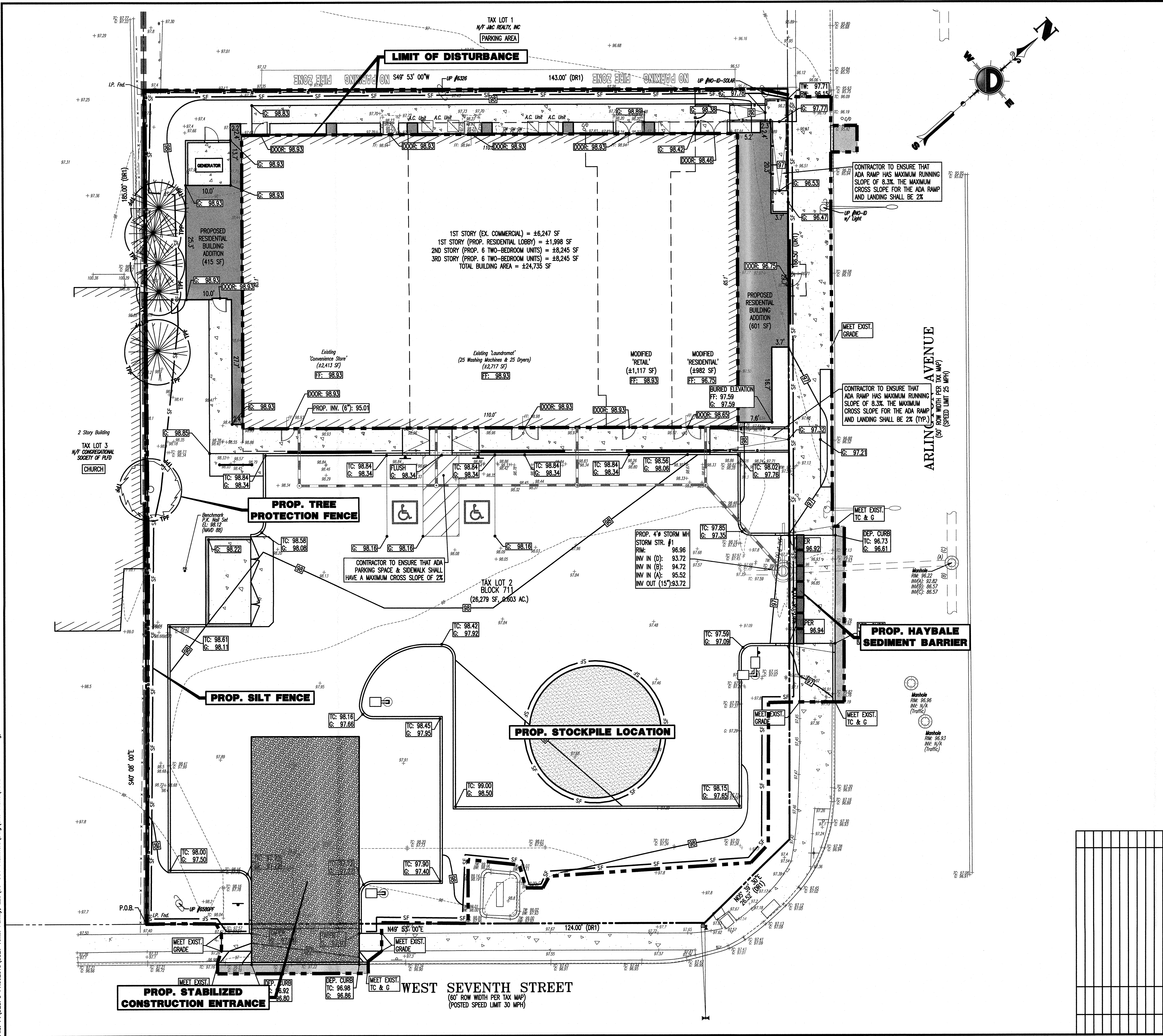
JAMES E. HENRY JOSHUA M. SEWALD
 PROFESSIONAL ENGINEER PROFESSIONAL ENGINEER
 NEW JERSEY LICENSE No. 49266 NEW JERSEY LICENSE No. 52908

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Of 15
Rev. # 0

Product: 02/03/2020 1:50 PM, By: aboyd, File: P:\DCEPC PROJECTS\3327 Amin Family, LLC\99-001 Plainfield Dwg\Site Plans\332799001 SED.dwg, 09 SOIL EROSION & SEDIMENT CONTROL PLAN



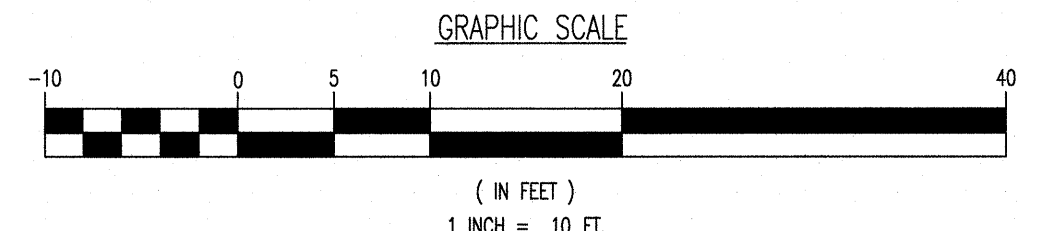
- SEQUENCE OF CONSTRUCTION:**
- PHASE 1: INSTALL STONE ANTI-TRACKING PAD AND OTHER SOIL EROSION AND SEDIMENT CONTROL MEASURES INCLUDING DOWN SLOPE PERIMETER HAYBALES, SILT FENCING AND TREE PROTECTION FENCING. (1 DAY)
 - PHASE 2: CLEAR AND ROUGH GRADE FOR NEW BUILDING ADDITION AND OTHER STRUCTURES REQUIRING EXCAVATION. (1 WEEK)
 - PHASE 3: EXCAVATION, CONSTRUCTION, AND INSTALLATION OF UNDERGROUND PIPING AND DRAINAGE STRUCTURES. (1 WEEK)
 - PHASE 4: EXCAVATE FOR BUILDING FOUNDATION. (2 WEEKS)
 - PHASE 5: COMPLETE BUILDING ADDITION CONSTRUCTION. (1-2 MONTHS)
 - PHASE 6: EXCAVATE AND INSTALL ON-SITE IMPROVEMENTS INCLUDING CURBING, UNDERGROUND PIPING, AND DRAINAGE STRUCTURES. (2 WEEKS)
 - PHASE 7: FINAL GRADING ON SITE. (1-2 WEEKS)
 - PHASE 8: INSTALL PAVING, CONCRETE, AND FINAL VEGETATION INCLUDING SEEDING AND LANDSCAPING. (2 WEEKS)
 - PHASE 9: REMOVE SOIL EROSION AND SEDIMENT CONTROL MEASURES INCLUDING DOWN SLOPE PERIMETER HAYBALES, SILT FENCING AND TREE PROTECTION FENCING. (2 WEEKS)

SEE SHEET 10 OF 15 FOR SOIL EROSION & SEDIMENT CONTROL NOTES & DETAILS

LIMIT OF DISTURBANCE = 20,001 SF. (0.459 Ac.)

EROSION CONTROL LEGEND

- PROP. LIMIT OF DISTURBANCE LINE
- PROP. SILT FENCE LINE
- PROP. TREE PROTECTION FENCE LINE
- PROP. INLET FILTER
- PROP. HAYBALE SEDIMENT BARRIER



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<p>TITLE: SOIL EROSION & SEDIMENT CONTROL PLAN</p> <p>PROJECT: AMIN FAMILY, LLC PROPOSED MIXED USE DEVELOPMENT BLOCK 711, LOT 2, TAX MAP SHEET #92 202 WEST 7TH STREET & ARLINGTON AVENUE CITY OF PLAINFIELD, UNION COUNTY, NEW JERSEY</p>	
<p>JOB No: 3327-99-001</p> <p>DESIGNED BY: DJB</p> <p>CHECKED BY: LMS</p> <p>CHECKED BY: JEH</p>	<p>DATE: 01/31/2020</p> <p>SCALE: (H) 1"=10' (V)</p> <p>SHEET No: 9</p> <p>Of 15</p>
<p>JAMES E. HENRY PROFESSIONAL ENGINEER NEW JERSEY LICENSE No. 49266</p>	<p>JOSHUA M. SEWALD PROFESSIONAL ENGINEER NEW JERSEY LICENSE No. 52908</p>
<p>811 PROTECT YOURSELF ALL STATES REQUIRE NOTIFICATION OF CONDUIT, PIPELINES, OR ANY OTHER UNDERGROUND UTILITY BEFORE ANY EXCAVATION. CALL 811 BEFORE YOU DIG. FOR STATE SPECIFIC DIALING NUMBERS VISIT WWW.CALL811.COM</p>	

STABILIZATION SPECIFICATIONS
TEMPORARY SEEDING AND MULCHING:

SITE PREPARATION
A. GRADE AS NEEDED AND FEASIBLE TO PERMIT THE USE OF CONVENTIONAL EQUIPMENT FOR SEEDING PREPARATION, SEEDING, MULCH APPLICATION, AND MULCH ANCHORING. ALL GRADING SHOULD BE DONE IN ACCORDANCE WITH STANDARDS FOR LAND GRADING, P.C. 19-1.

PERMANENT SEEDING:

SITE PREPARATION
A. GRADE AS NEEDED AND FEASIBLE TO PERMIT THE USE OF CONVENTIONAL EQUIPMENT FOR SEEDING PREPARATION, SEEDING, MULCH APPLICATION, AND MULCH ANCHORING. ALL GRADING SHOULD BE DONE IN ACCORDANCE WITH STANDARD FOR LAND GRADING.

SEEDING METHODS

SEEDING
A. SELECT A MIXTURE FROM TABLE 4-3 OR USE A MIXTURE RECOMMENDED BY RUTGERS COOPERATIVE EXTENSION OR NATURAL RESOURCES CONSERVATION SERVICE WHICH IS APPROVED BY THE SOIL CONSERVATION DISTRICT. SEED GERMINATION SHALL HAVE BEEN TESTED WITHIN 12 MONTHS OF THE PLANTING DATE. NO SEED SHALL BE ACCEPTED WITH A GERMINATION TEST DATE MORE THAN 12 MONTHS OLD UNLESS RETESTED.

GENERAL SITE SEEDING MIX:
TALL FESCUE - 285 LBS/ACRE 6.0 LBS/1000 SQ.FT.
KY. BLUEGRASS - 20 LBS/ACRE 0.5 LBS/1000 SQ.FT.
PERENNIAL TYPHOGRASS - 20 LBS/ACRE 0.5 LBS/1000 SQ.FT.
BASIN SEEDING MIX:
CREEPING BENTGRASS - 45 LBS/ACRE 1.0 LBS/1000 SQ.FT.
CREEPING RED FESCUE - 45 LBS/ACRE 1.0 LBS/1000 SQ.FT.
MIXED SALICORNIA - 45 LBS/ACRE 1.0 LBS/1000 SQ.FT.

PERMANENT STABILIZATION SPECIFICATIONS:
A. MULCHING MULCH MATERIALS TO BE UNROTTED SMALL GRAIN STRAW, HAY FREE OF SEEDS, OR SALT HAY AT THE RATE OF 1.5 TO 2 TONS PER ACRE OR 70 TO 90 POUNDS PER 1,000 SQ. FT. EXCEPT THAT WHERE A CRUMPER IS USED INSTEAD OF A LIQUID MULCH-BINDER THE RATE OF APPLICATION IS 3 TONS PER ACRE.

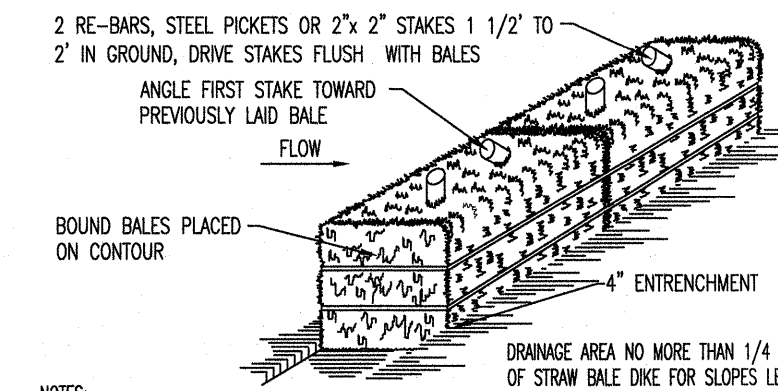
STABILIZATION:
PERMANENT EROSION RESISTANT GROUND COVER TO BE PROVIDED BETWEEN PANEL ROWS AND UNDER PANEL ROWS AS WELL AS OTHER DISTURBED AREAS. ESTABLISHING VEGETATION UNDER PANELS MAY BE DIFFICULT DUE TO LACK OF SUN AND LIMITED PRECIPITATION. THOUGHT SHOULD BE GIVEN TO ESTABLISHING VEGETATIVE GROUND COVER PRIOR TO PANEL CONSTRUCTION. INSTALLATION MAY BE FACILITATED BY PHASING THE GRADING AND STABILIZATION SEQUENCE OF SUBSEQUENT PROJECT AREAS TO ALLOW SUFFICIENT TIME TO ALLOW VEGETATION TO BECOME ESTABLISHED PRIOR TO PANEL INSTALLATION.

STANDARD FOR STABILIZATION WITH MULCH ONLY

A. UNROTTED SMALL-GRAIN STRAW, OR SALT HAY AT 2.0 TO 2.5 TONS PER ACRE IS SPREAD UNIFORMLY AT 90 TO 115 POUNDS PER 1,000 SQUARE FEET AND ANCHORED WITH A MULCH ANCHORING TOOL, LIQUID MULCH BINDERS, OR NETTING THE DOWN. OTHER SUITABLE MATERIALS MAY BE USED IF APPROVED BY THE SOIL CONSERVATION DISTRICT.

FREEMAN SOIL CONSERVATION DISTRICT
SOIL EROSION AND SEDIMENT CONTROL NOTES

- 1. THE FREEMAN SOIL CONSERVATION DISTRICT SHALL BE NOTIFIED FORTY-EIGHT (48) HOURS IN ADVANCE OF ANY SOIL DISTURBING ACTIVITY.
2. ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES ARE TO BE INSTALLED PRIOR TO SOIL DISTURBANCE, OR IN THEIR PROPER SEQUENCE, AND MAINTAINED UNTIL PERMANENT PROTECTION IS ESTABLISHED.
3. ANY CHANGES TO THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLANS WILL REQUIRE THE SUBMISSION OF REVISED SOIL EROSION AND SEDIMENT CONTROL PLANS TO THE DISTRICT FOR RE-APPROVAL. THE REVISED PLANS MUST MEET ALL CURRENT STATE SOIL EROSION AND SEDIMENT CONTROL STANDARDS.



NOTES:
1. BALES SHALL BE PLACED AT THE TOP OF A SLOPE OR ON THE CONTOUR AND IN A ROW WITH ENDS TIGHTLY BUTTING THE ADJACENT BALES.
2. EACH BALE SHALL BE PLACED SO THE BINDINGS ARE HORIZONTAL.

HAYBALE SEDIMENT BARRIER DETAIL

NOT TO SCALE

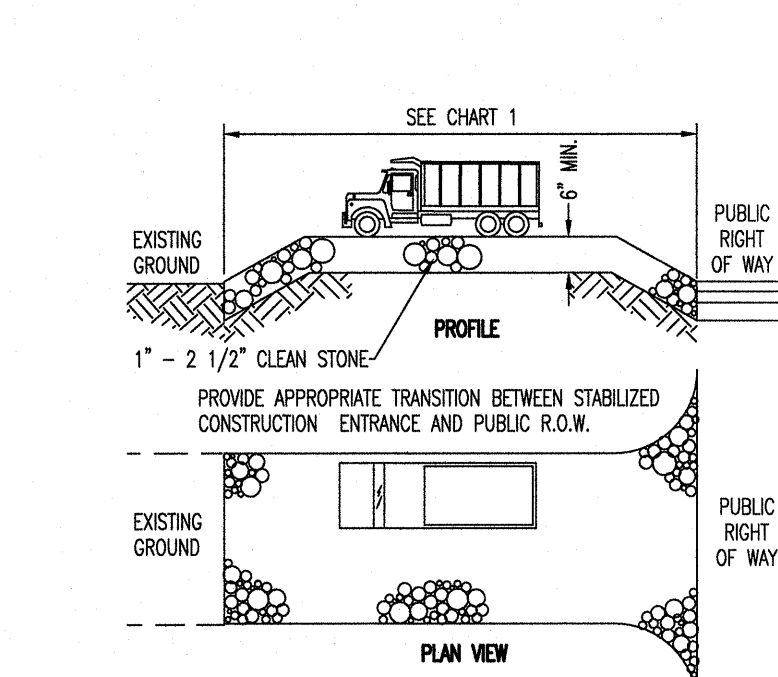
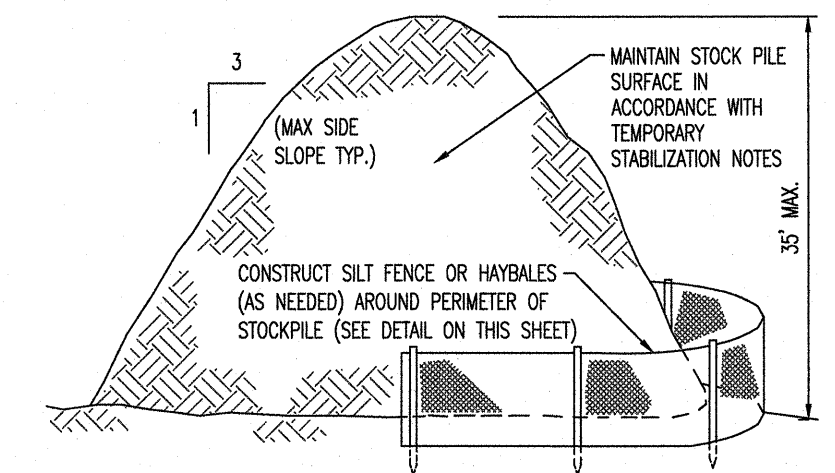


Table with 2 columns: PERCENT SLOPE OF ROADWAY and LENGTH OF STONE REQUIRED OF ROADWAY. Includes rows for coarse, graded soils and fine, graded soils.

STABILIZED CONSTRUCTION ENTRANCE

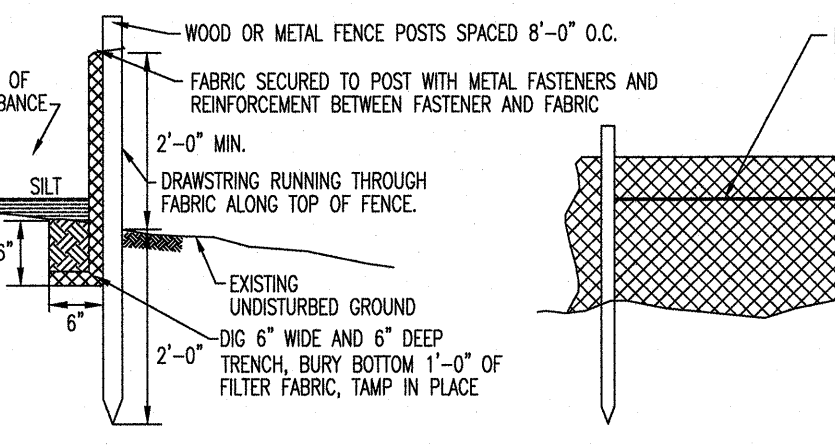
NOT TO SCALE



NOTES:
1. BALES SHALL BE PLACED AT THE TOP OF A SLOPE OR ON THE CONTOUR AND IN A ROW WITH ENDS TIGHTLY BUTTING THE ADJACENT BALES.
2. EACH BALE SHALL BE PLACED SO THE BINDINGS ARE HORIZONTAL.

TEMPORARY STOCKPILE DETAIL

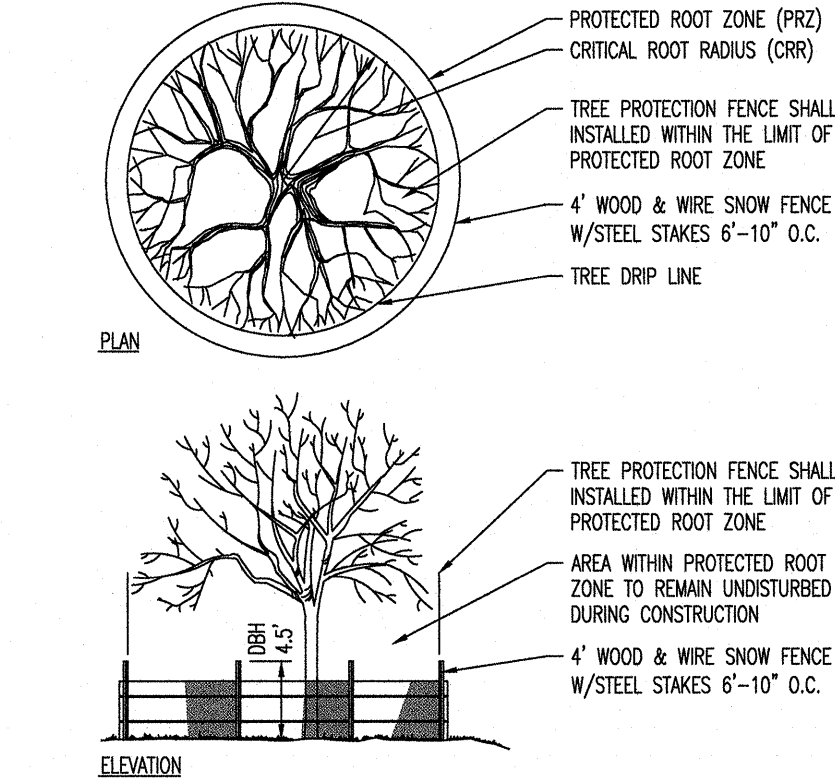
NOT TO SCALE



- 1. PLACE SILT FENCE AT LOCATIONS AS SHOWN ON THE SOIL EROSION AND SEDIMENT CONTROL PLAN.
2. THE SLOPE OF THE LAND FOR AT LEAST 30 FEET ADJACENT TO ANY SILT FENCE SHALL NOT EXCEED 5 PERCENT.
3. SILT FENCE SHALL BE INSTALLED SO WATER CANNOT BYPASS THE FENCE AROUND THE SIDES.

SILT FENCE DETAIL

NOT TO SCALE

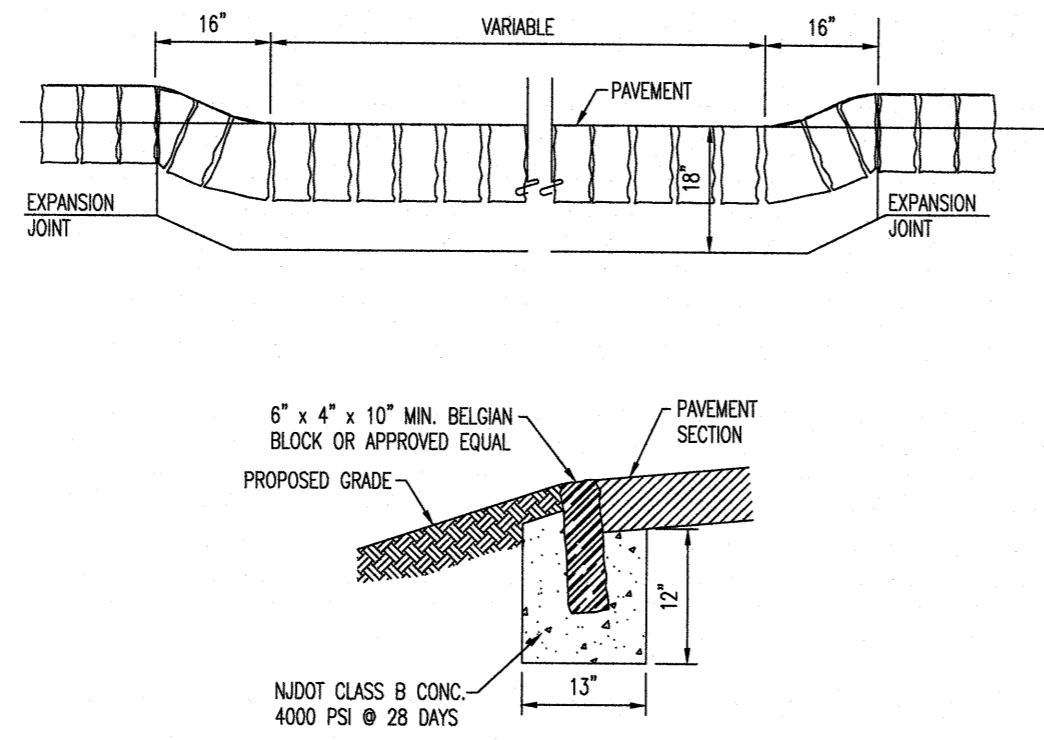


ESTIMATE A TREE'S PROTECTED ROOT ZONE (PRZ) BY CALCULATING THE CRITICAL ROOT RADIUS (CRR).
1. MEASURE THE DBH (DIAMETER OF TREE AT BREAST HEIGHT, 4.5' ABOVE GROUND ON THE UPHILL SIDE OF TREE) IN INCHES.
2. MULTIPLY MEASURED DBH BY 1.5 OR 1.0. EXPRESS THE RESULT IN FEET.

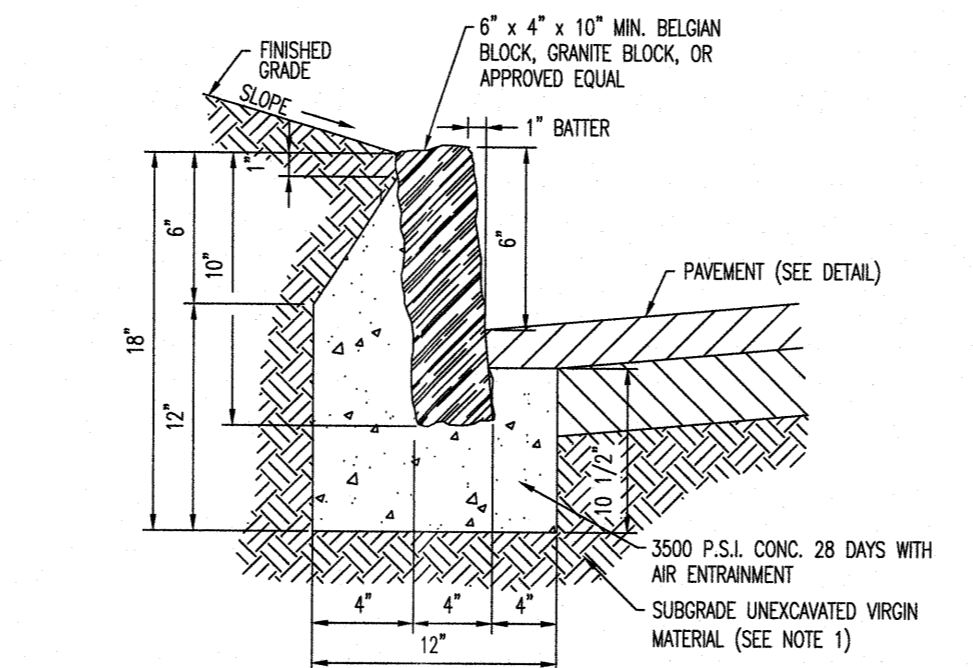
TREE PROTECTION DURING SITE CONSTRUCTION DETAIL

NOT TO SCALE

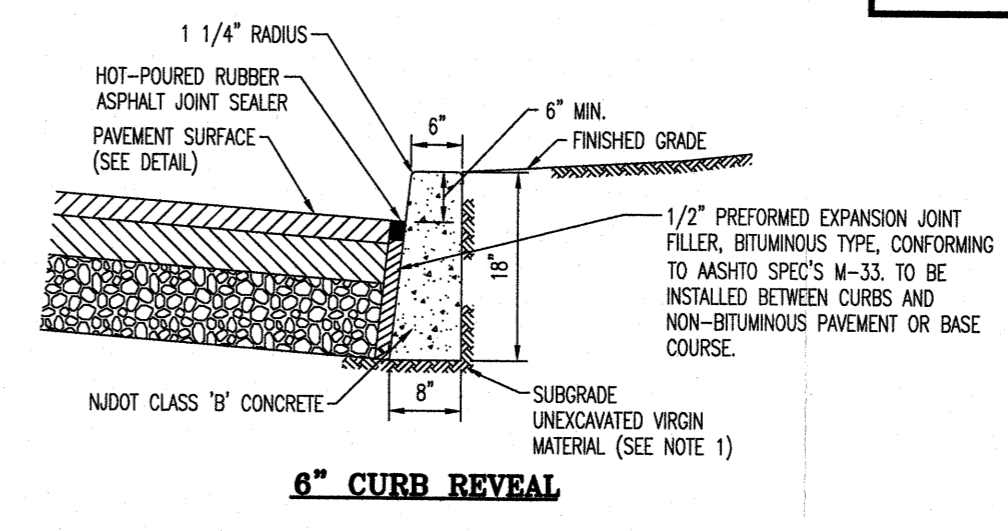
DYNAMIC ENGINEERING logo and contact information. Project title: SOIL EROSION & SEDIMENT CONTROL NOTES & DETAILS. Project details: AMIN FAMILY, LLC PROPOSED MIXED USE DEVELOPMENT. Designers: JAMES E. HENRY, JOSHUA M. SEWALD. Date: 01/31/2020.



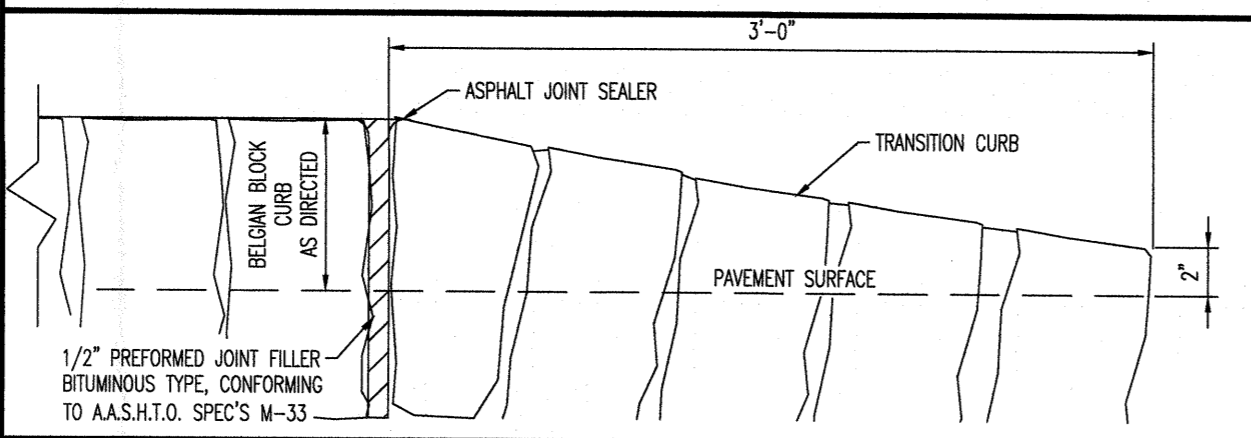
FLUSH BELGIAN BLOCK DETAIL
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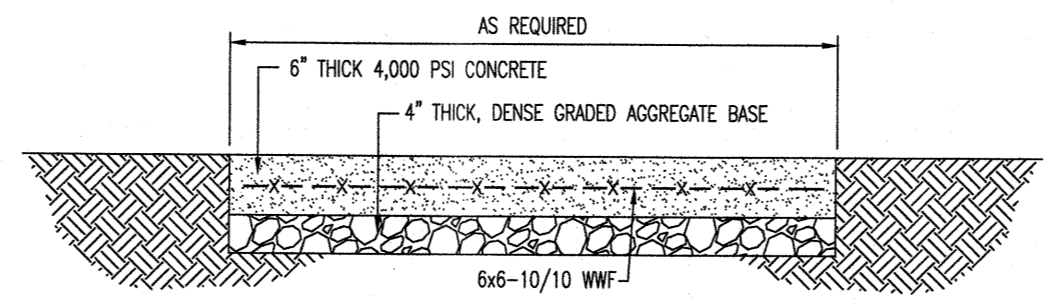
BELGIAN BLOCK CURB DETAIL
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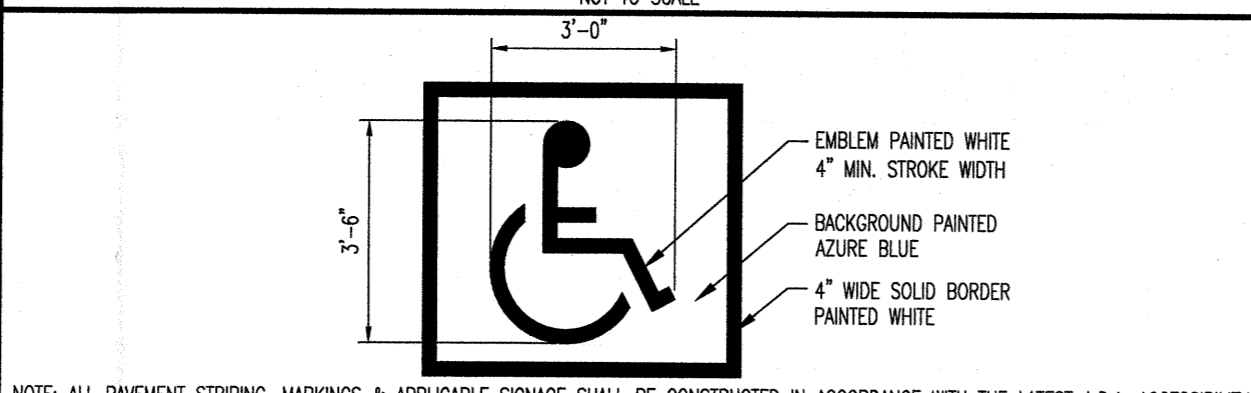
CONCRETE CURB DETAIL
NOT TO SCALE



BELGIAN BLOCK CURB TAPER DETAIL
NOT TO SCALE



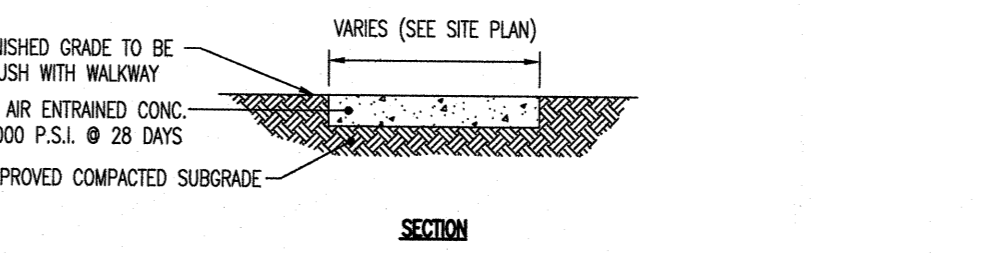
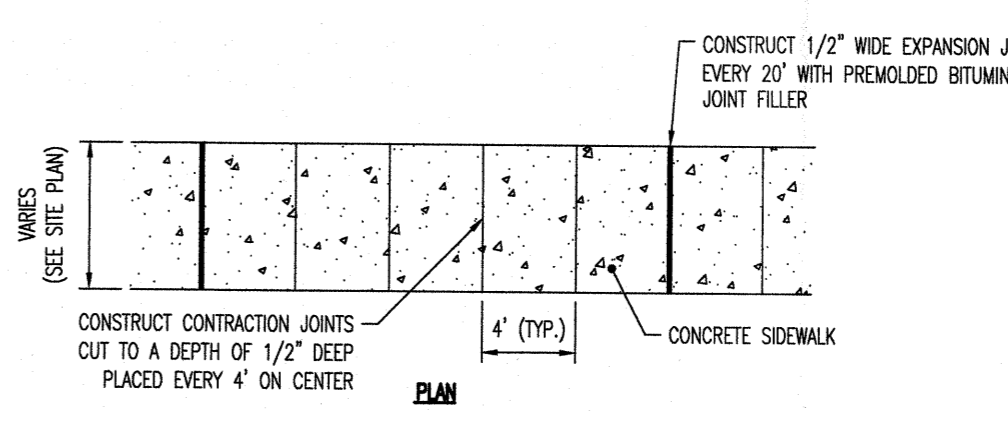
- NOTES:
1. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI AT 28 DAYS WITH A MINIMUM CEMENT CONTENT OF 600 POUNDS PER CUBIC YARD FOR ALL FOOTINGS.
 2. ALL CONCRETE SHALL HAVE A SLUMP OF NO GREATER THAN 4" WITHIN A TOLERANCE OF 1".
 3. ALL EXPOSED CONCRETE SHALL BE AIR-ENTRAINED, (6% WITHIN 1% TOLERANCE), CONFORMING TO ASTM C260.
 4. REINFORCING STEEL BARS SHALL BE A MINIMUM ASTM A615, GRADE 60, AND SHALL BE FIELD WROUGHT IN PLACE.
 5. ALL FRAMEWORK AND PLACEMENT OF CONCRETE SHALL COMPLY WITH GOOD CONSTRUCTION PRACTICES AND BE IN ACCORDANCE WITH ALL LOCAL GOVERNING CODES AND REGULATIONS, AS WELL AS THE A.C.I. AND UNIFORM BUILDING CODE.
 6. EXPANSION JOINTS 1/2" WIDE OF PREMOULDED BITUMINOUS MATERIALS SHALL BE INSTALLED.



NOTE: ALL PAVEMENT STRIPING, MARKINGS & APPLICABLE SIGNAGE SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST A.D.A. ACCESSIBILITY GUIDELINES.

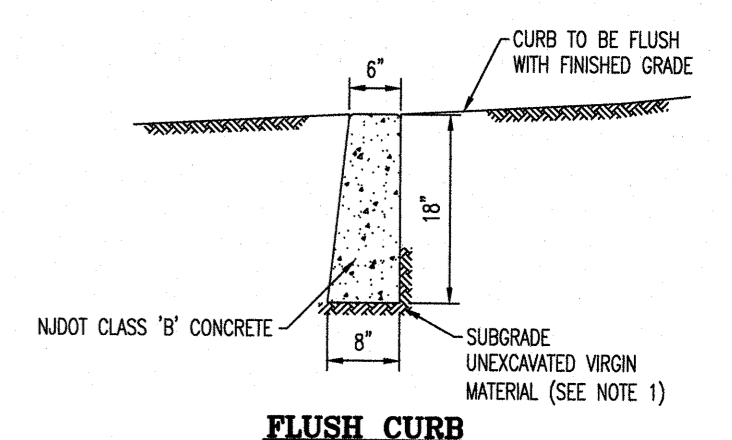
PAINTED A.D.A. SYMBOL DETAIL
NOT TO SCALE

- NOTES:
1. ANY EXCAVATION BELOW DESIRED GRADE DUE TO OVER EXCAVATION OR WET SOIL CONDITIONS SHALL BE BACKFILLED WITH 3/4" CLEAN CRUSHED STONE. ALL SUBGRADES SHALL BE APPROVED BY THE TOWNSHIP ENGINEER PRIOR TO POURING.
 2. JOINTS SHALL BE NOT MORE THAN 1/4" WIDE FOR DRESSED BLOCK AND 3/8" WIDE FOR QUARRY SPLIT BLOCK. THE JOINTS SHALL BE POINTED WITH 1:1 CEMENT-SAND MORTAR.

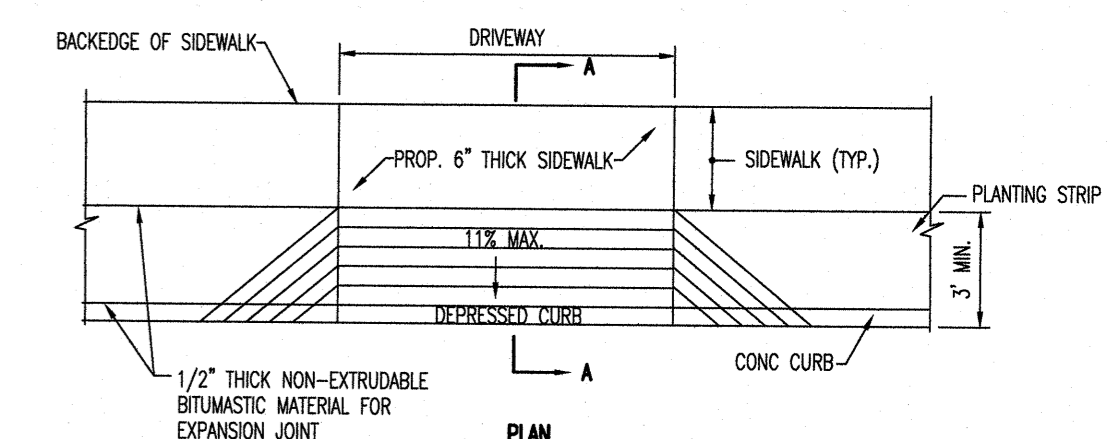


- NOTE:
1. MAX. CROSS SLOPE 1/4" PER FOOT PITCHED TOWARDS ROADWAY.
 2. PROVIDE 1/2" WIDE PREMOULDED BITUMINOUS EXPANSION JOINT AT 20' INTERVALS.
 3. REFER TO SITE PLAN FOR SIDEWALK WIDTH.
 4. PROVIDE A BROOM FINISH TO PROVIDE A SLIP RESISTANT WEARING SURFACE IN ACCORDANCE WITH A.D.A. REGULATIONS. FINISH THE EDGES OF THE GROOVES USING AN EDGING TOOL WITH A 1/4" RADIUS.

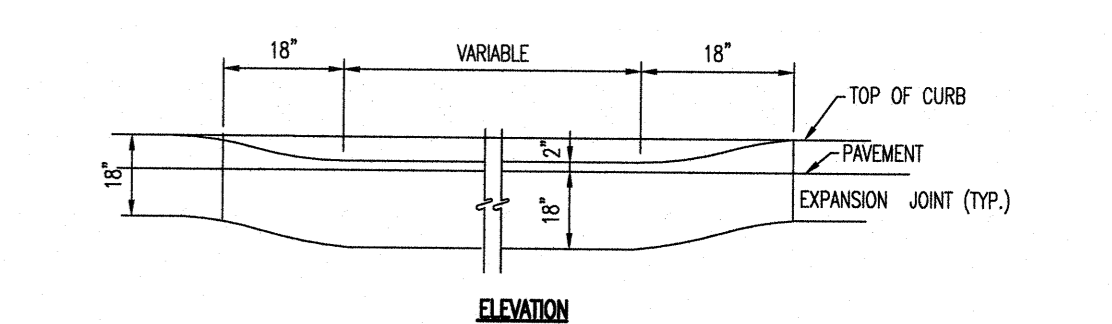
SIDEWALK DETAIL
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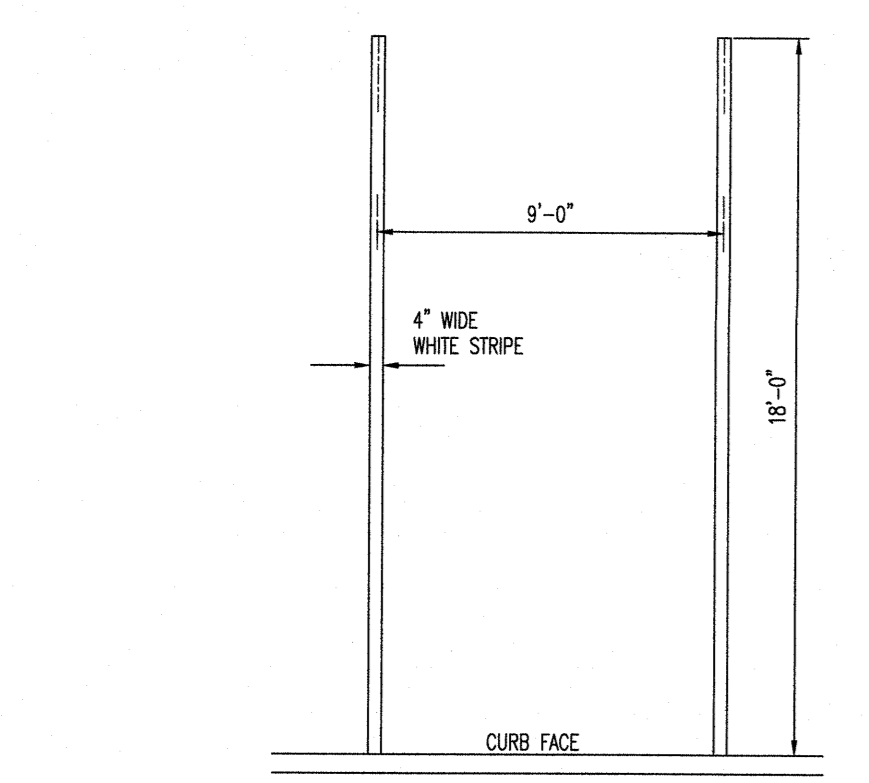
FLUSH CURB



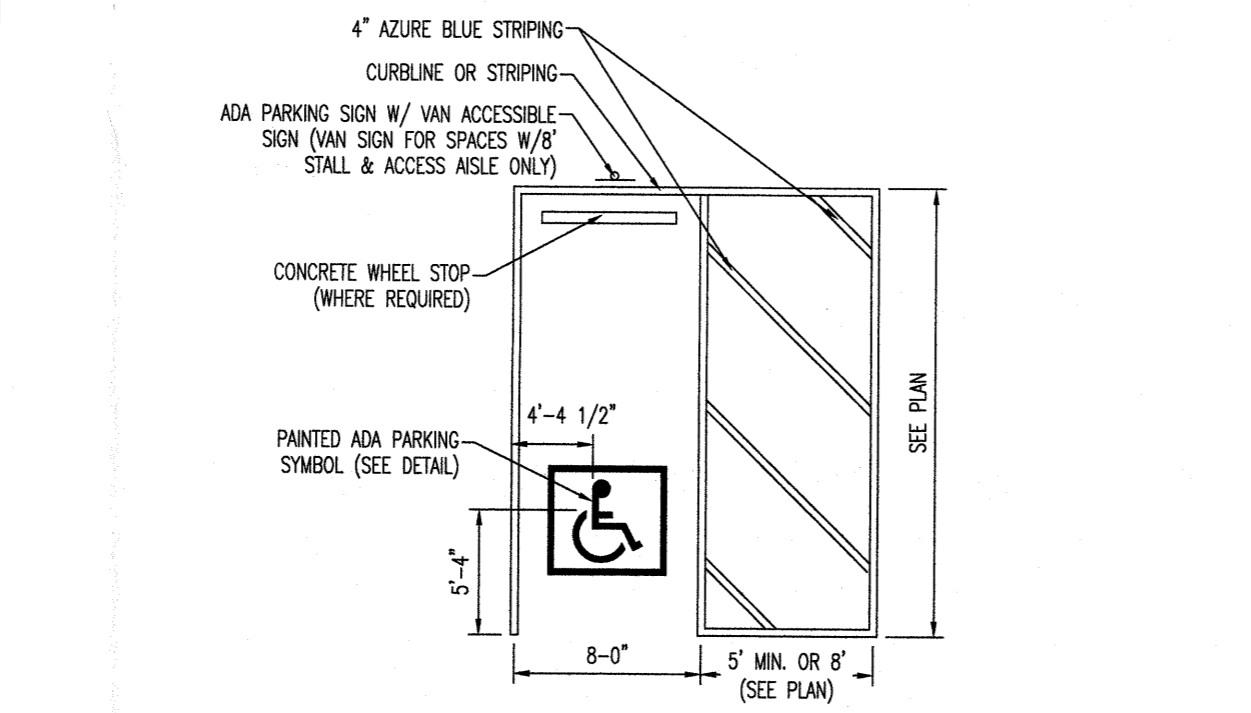
DEPRESSED CURB & CONCRETE APRON AT DRIVEWAY DETAIL



DEPRESSED CURB & CONCRETE APRON AT DRIVEWAY DETAIL

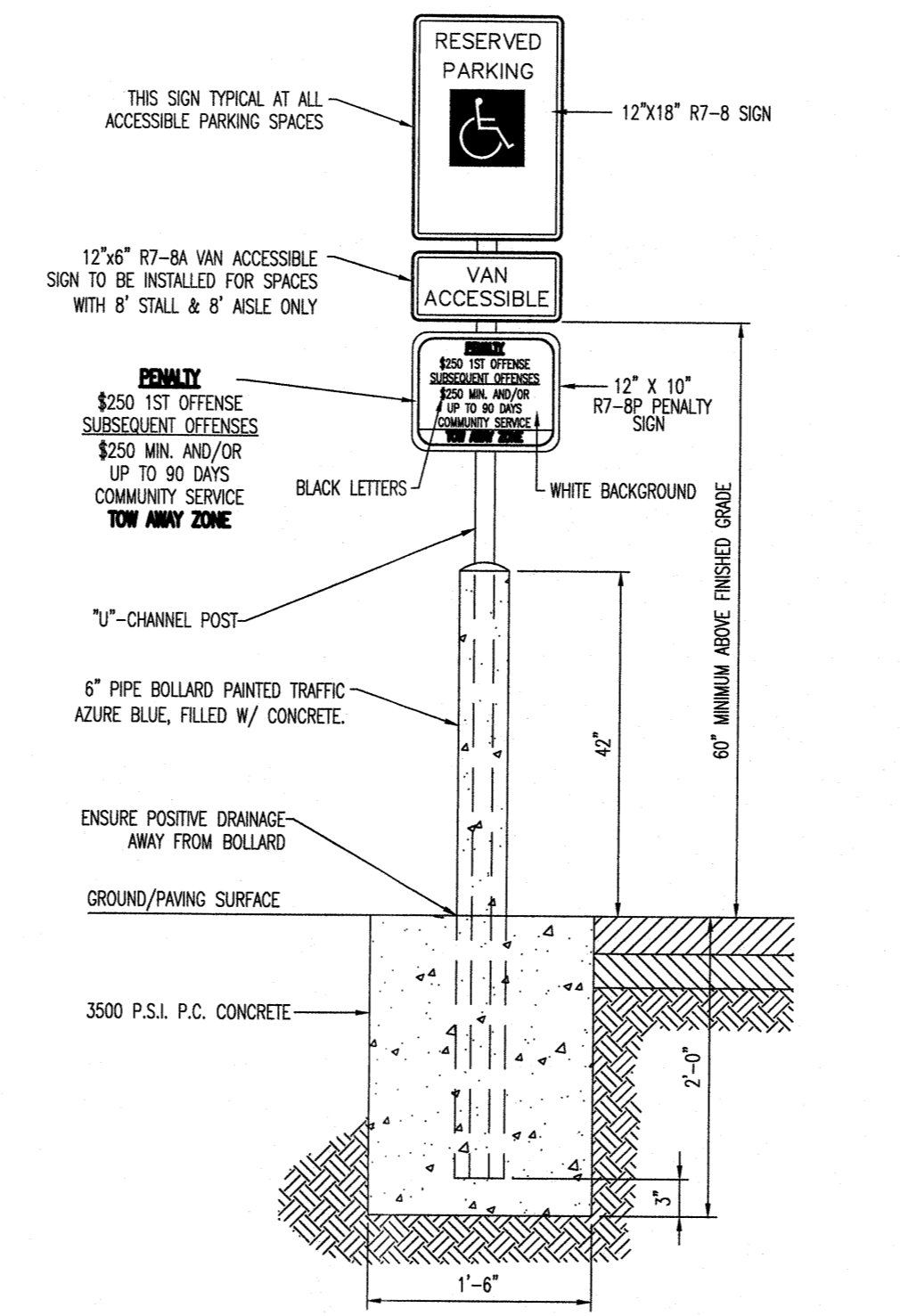


PARKING STALL STRIPING DETAIL
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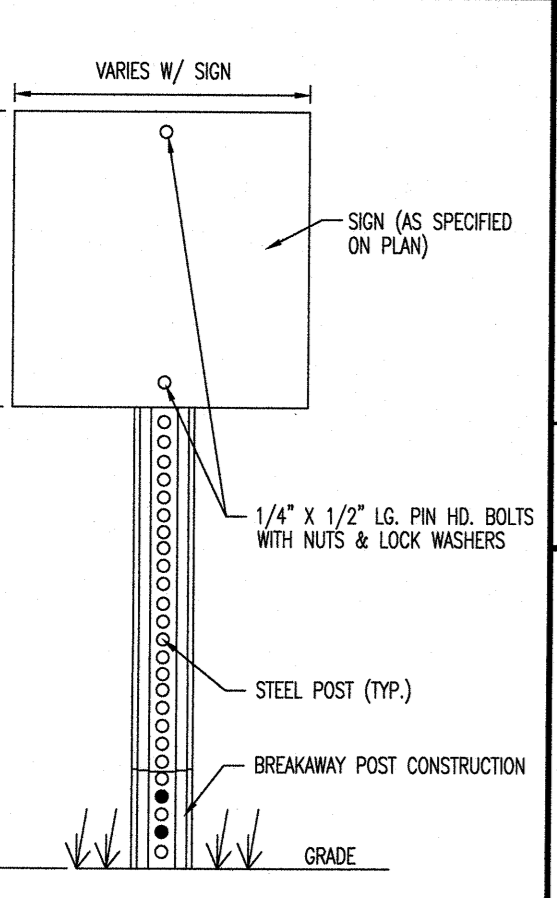
- NOTES:
1. PAVEMENT STRIPING FOR ALL ADA PARKING SPACES SHALL BE PAINTED AZURE BLUE.
 2. WHERE AN ADA PARKING STALL MEETS A STANDARD PARKING STALL, AN AZURE BLUE AND WHITE PAVEMENT STRIPE SHALL BE PAINTED.
 3. ALL PAVEMENT STRIPING, MARKINGS AND SIGNAGE SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST ADA ACCESSIBILITY GUIDELINES.

ADA STALL MARKINGS DETAIL
NOT TO SCALE

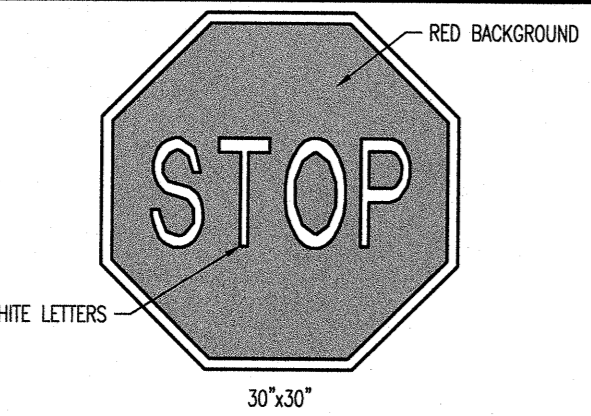


- NOTES:
- 1) IF AT THE TIME OF CONSTRUCTION THE STATE OF NEW JERSEY HAS APPROVED FINES/PENALTIES DIFFERENT THAN THOSE INDICATED ON THIS DETAIL, CONTRACTOR IS TO PROVIDE SIGNAGE INDICATING THE CURRENT FINES/PENALTIES AS APPROVED BY THE STATE OF NEW JERSEY.
 - 2) VAN ACCESSIBLE SIGN SHALL BE 60" MINIMUM ABOVE FINISHED GRADE WHERE APPLICABLE. WHEN VAN ACCESSIBLE IS NOT REQUIRED, R7-8 SIGN SHALL BE SET AT 60" MINIMUM ABOVE FINISHED GRADE.

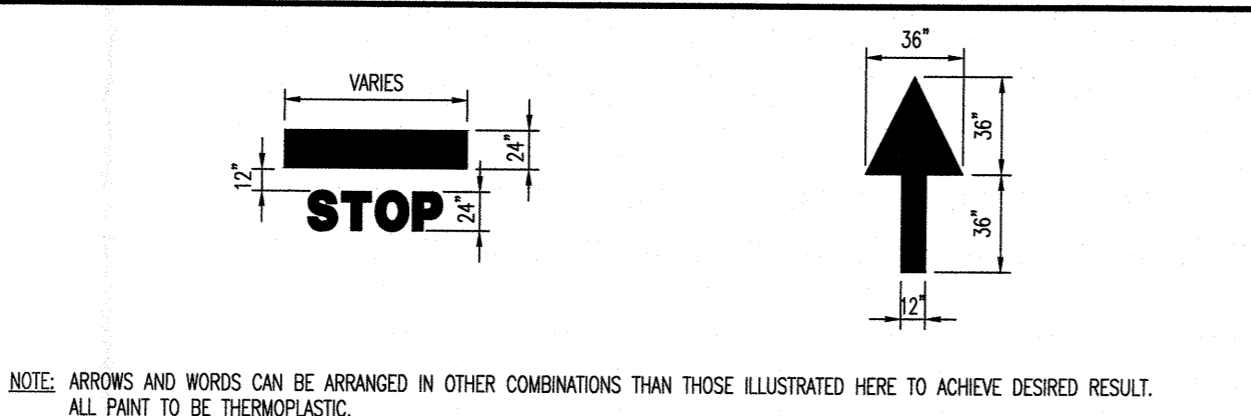
A.D.A. PARKING SIGN ON BOLLARD DETAIL
NOT TO SCALE



SIGN POST DETAIL
NOT TO SCALE



R1-1 SIGN DETAIL
NOT TO SCALE



PAINTED MARKING DETAILS
NOT TO SCALE

Project: 02/03/20 - 1:50 PM, Br. 4thrd, L.L.C. 98-001, Plainfield, NJ. File: F:\DEPC\PROJECTS\3327 Admin Family_LLC\98-001\Site Plans\032799001\SD00.dwg. 11 CONSTRUCTION DETAILS

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CONSTRUCTION DETAILS

PROJECT: **AMIN FAMILY, LLC**
PROPOSED MIXED USE DEVELOPMENT
BLOCK 711, LOT 2; TAX MAP SHEET #92
202 WEST 7TH STREET & ARLINGTON AVENUE
CITY OF PLAINFIELD, UNION COUNTY, NEW JERSEY

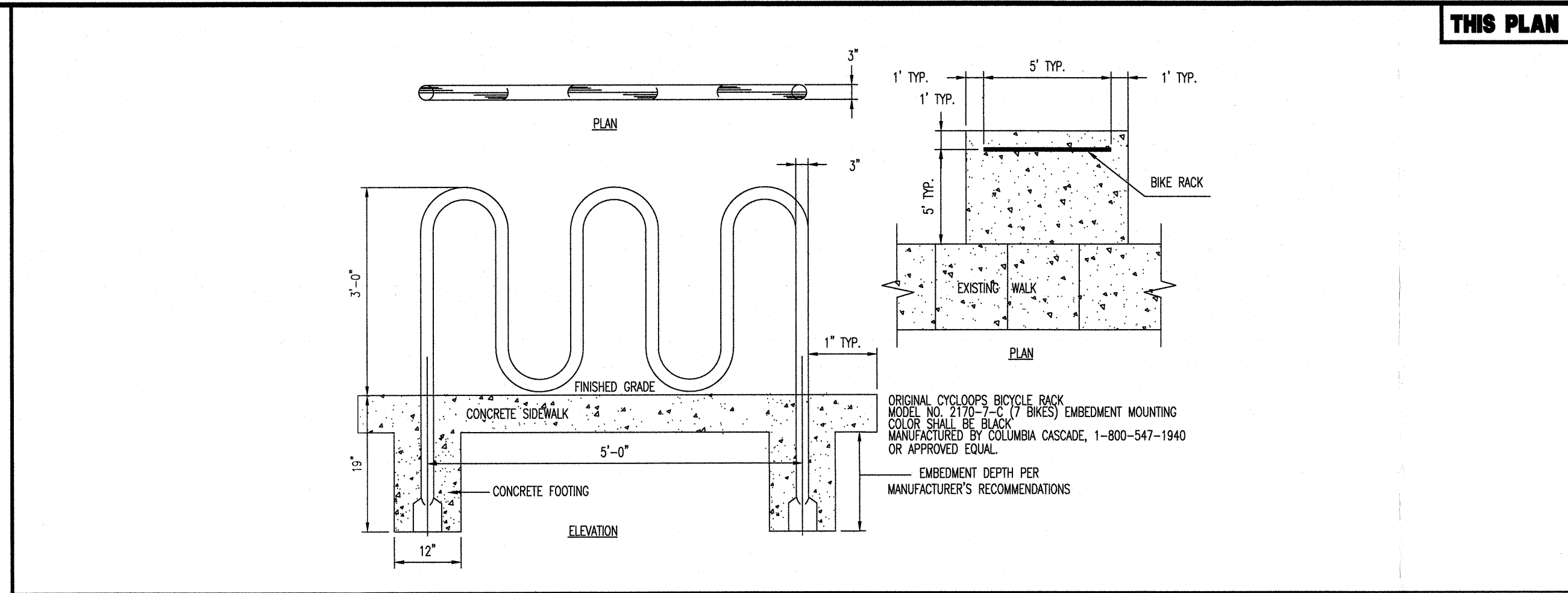
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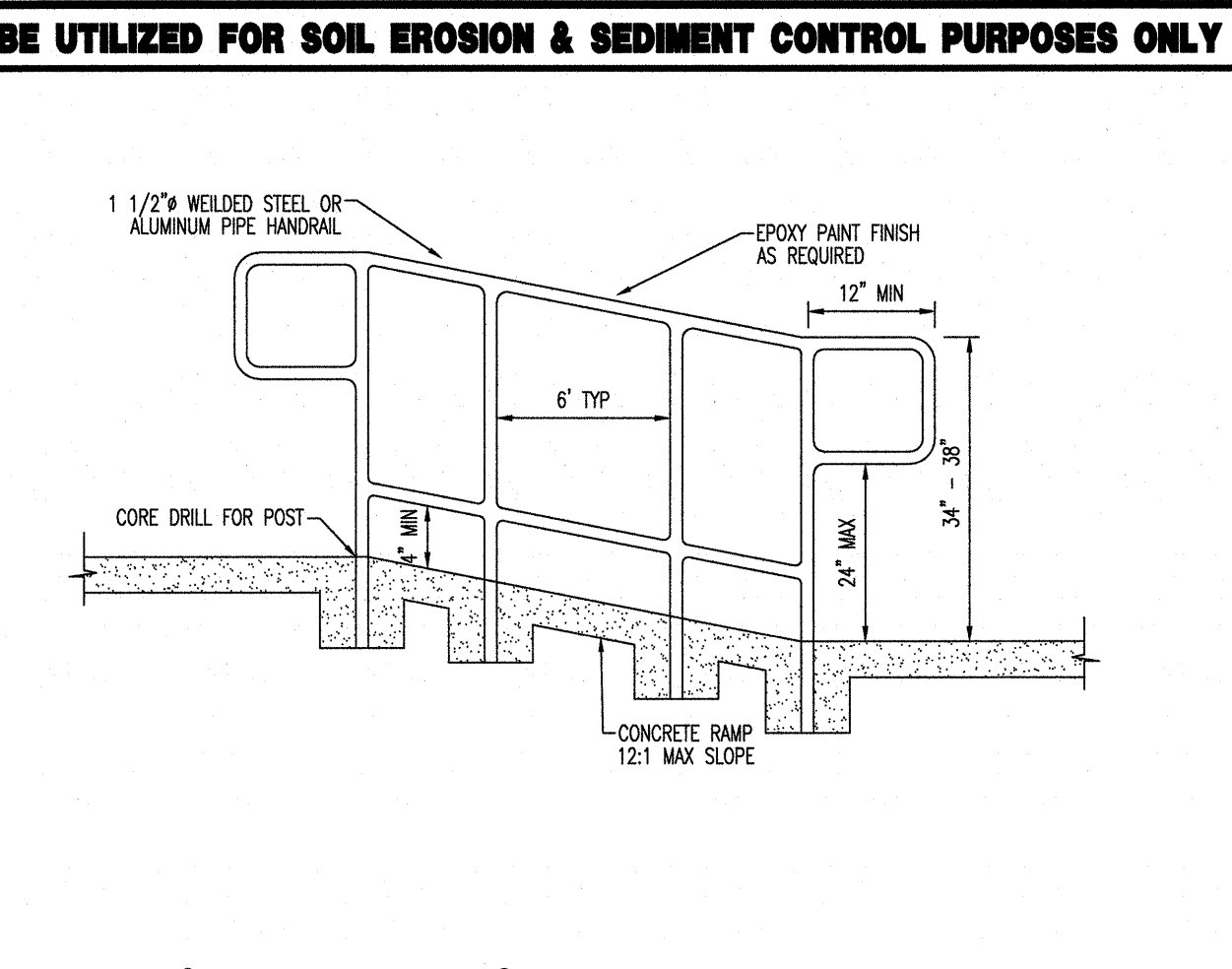
JOSHUA M. SEWALD PROFESSIONAL ENGINEER
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11 OF 15

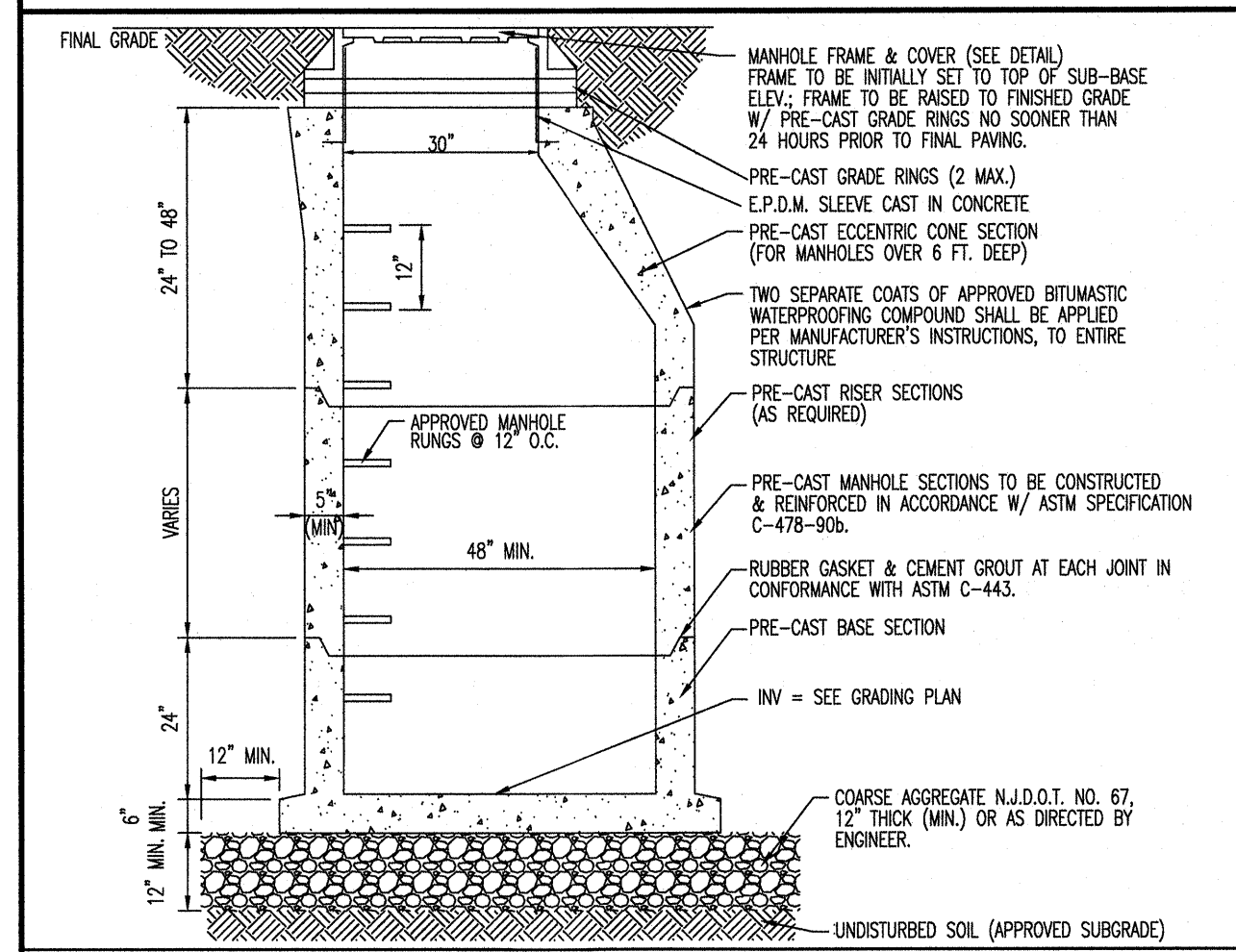
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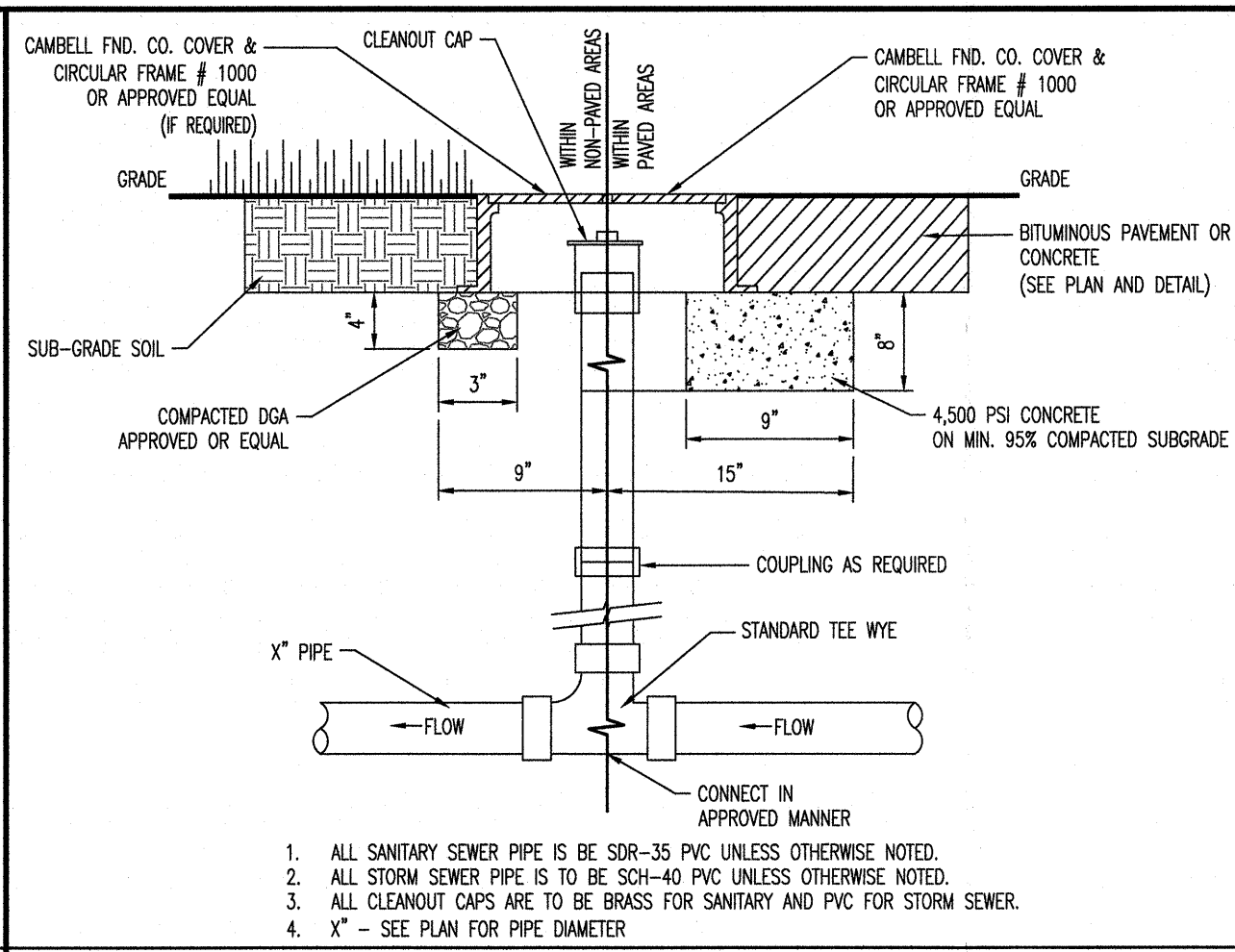
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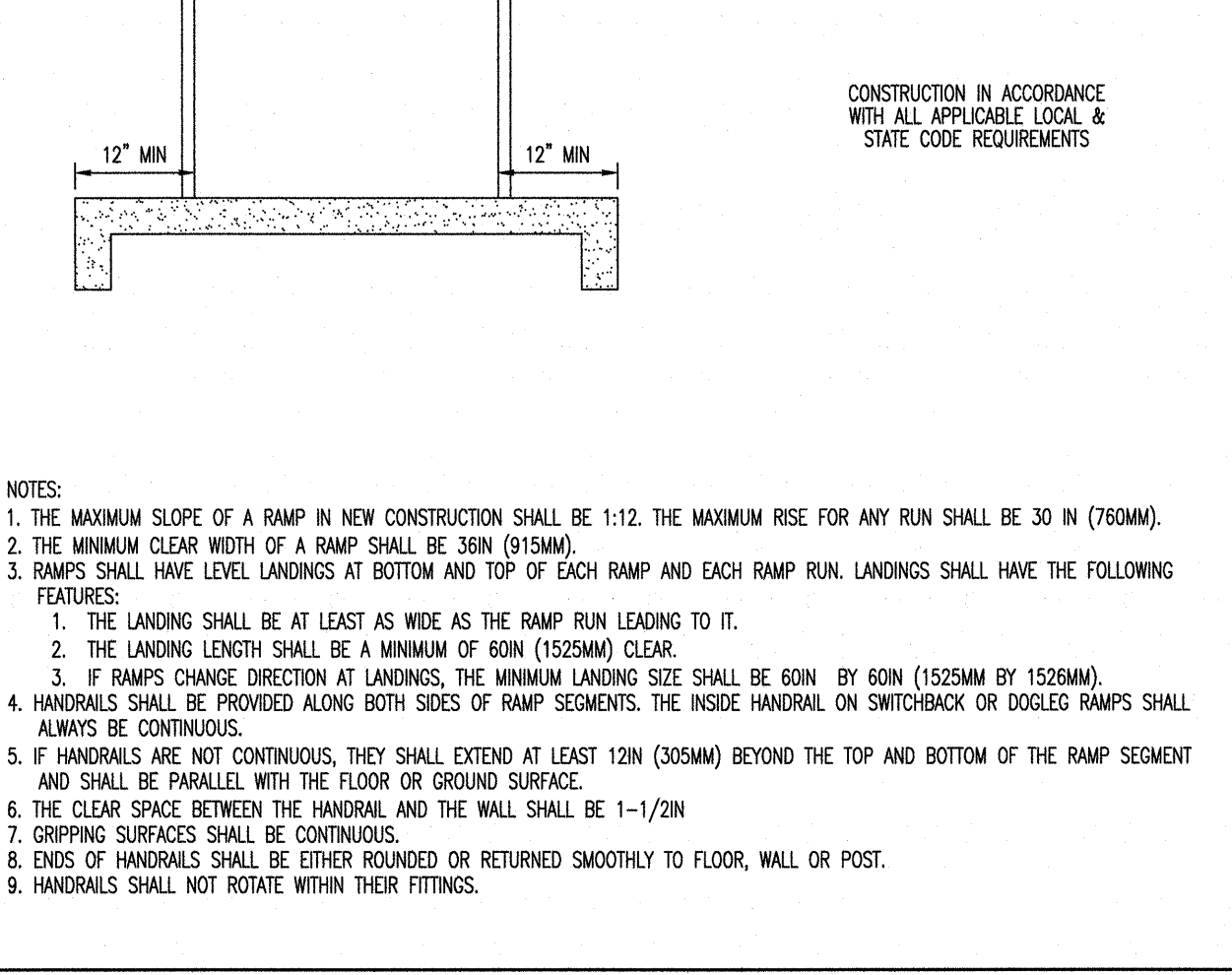
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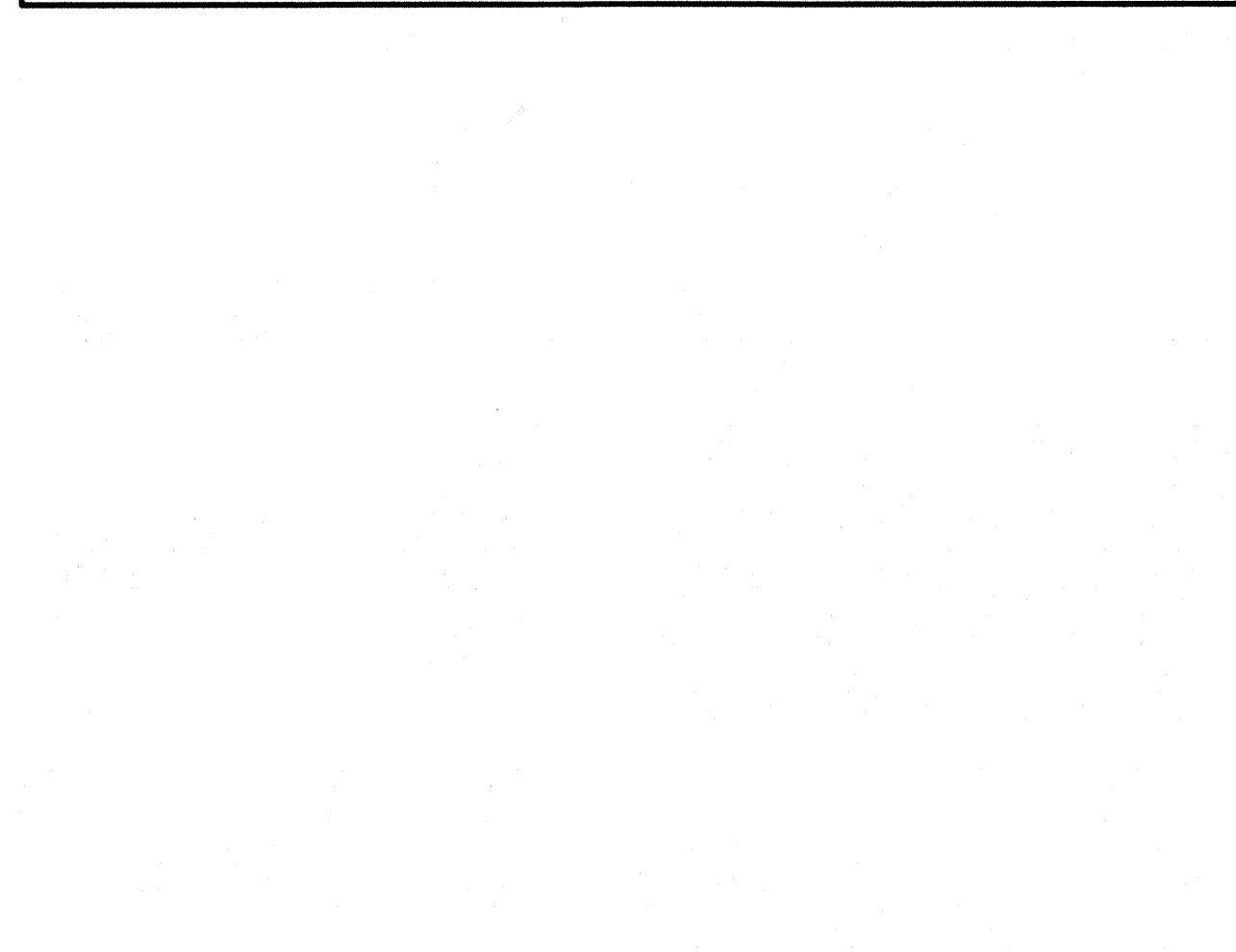
TYPICAL PRECAST STORM MANHOLE
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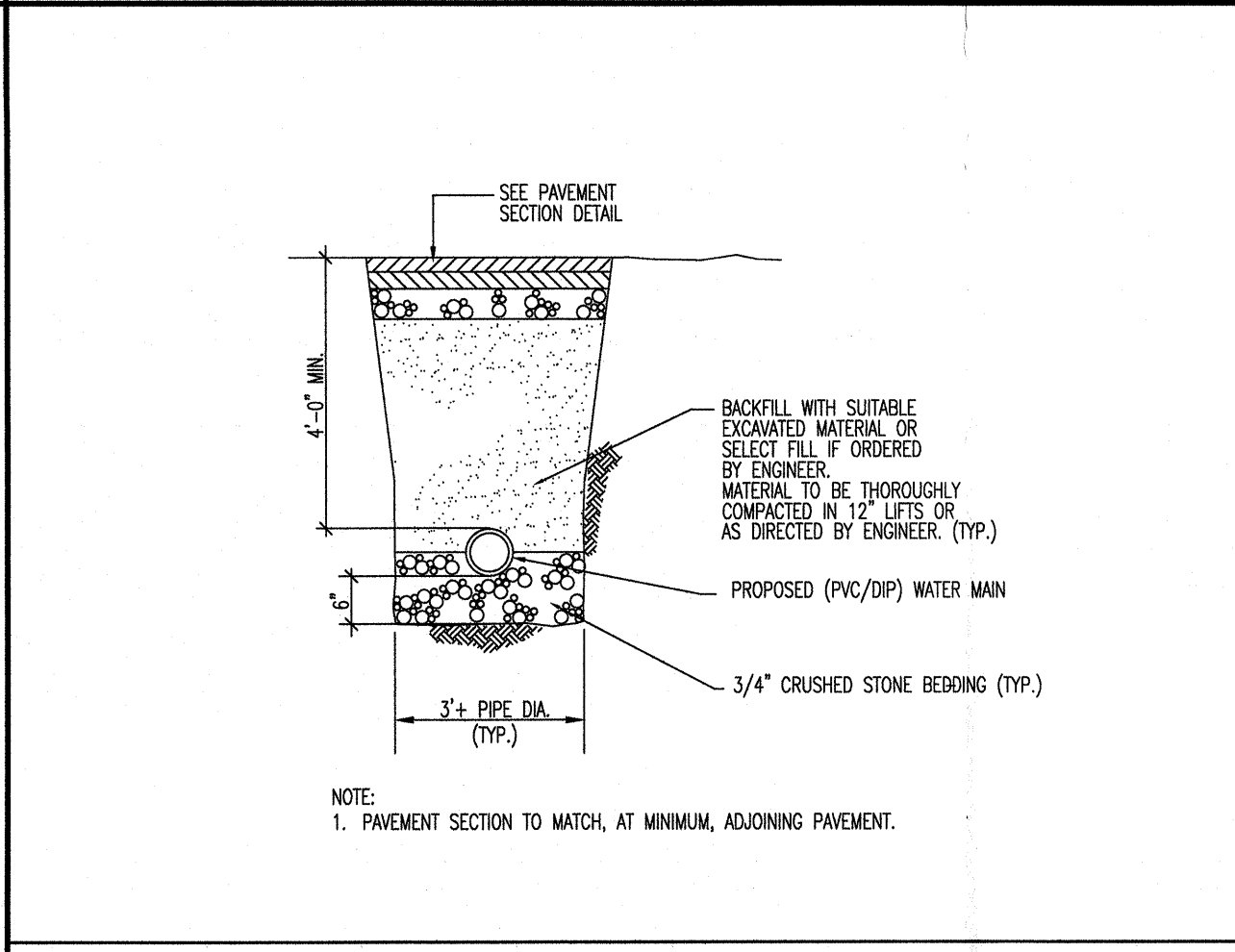
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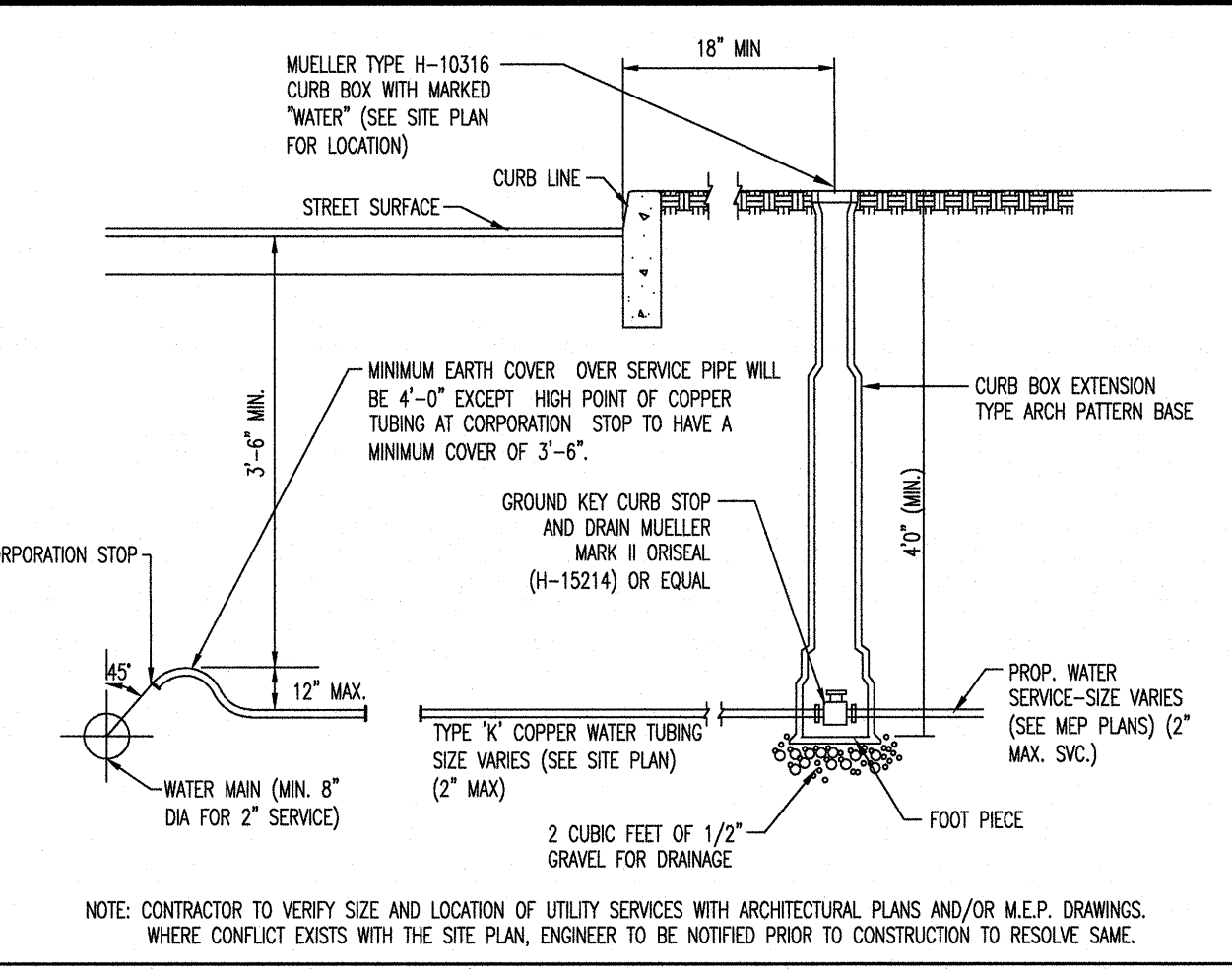
WATER SERVICE TRENCH DETAIL
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WATER SERVICE CONNECTION
NOT TO SCALE



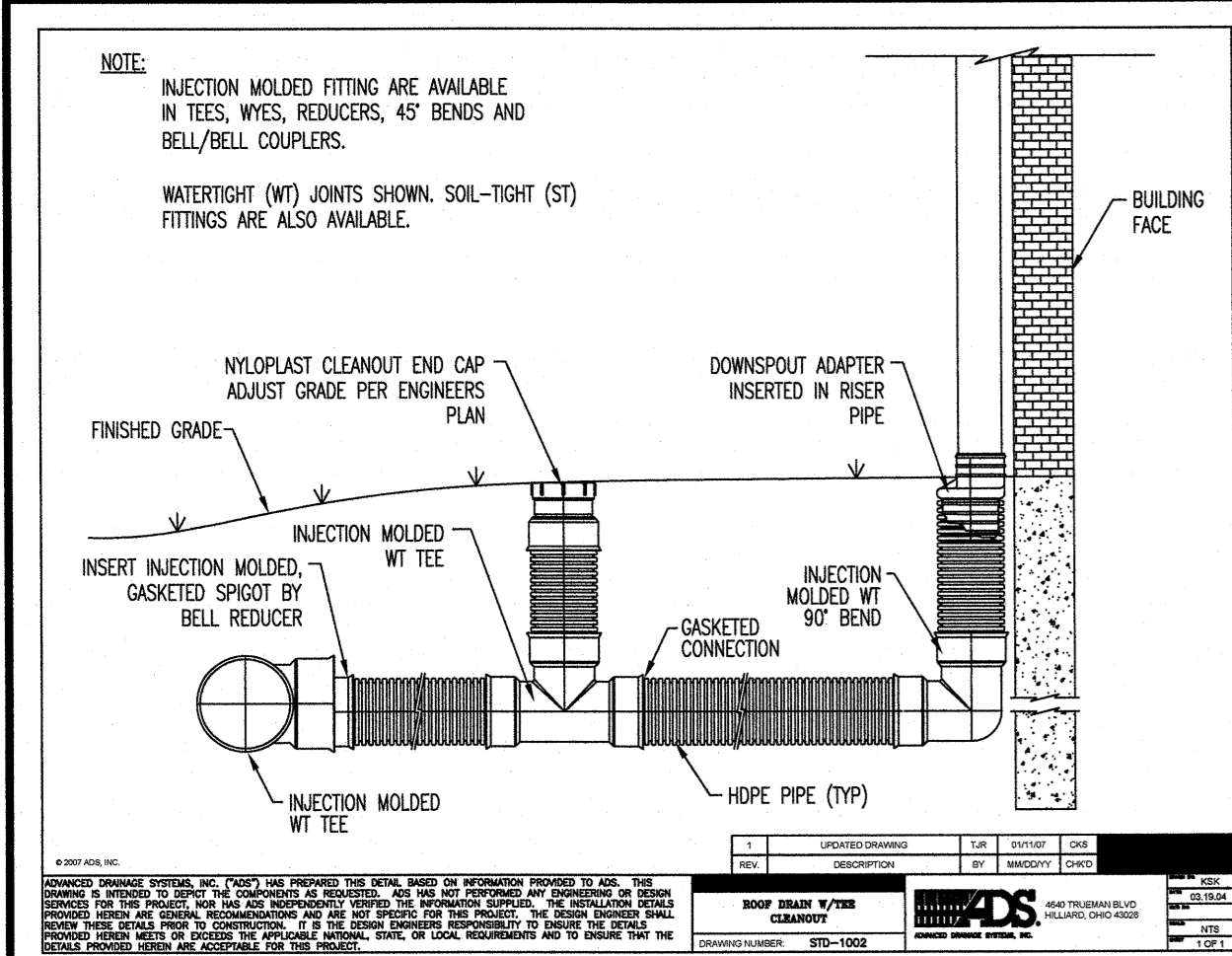
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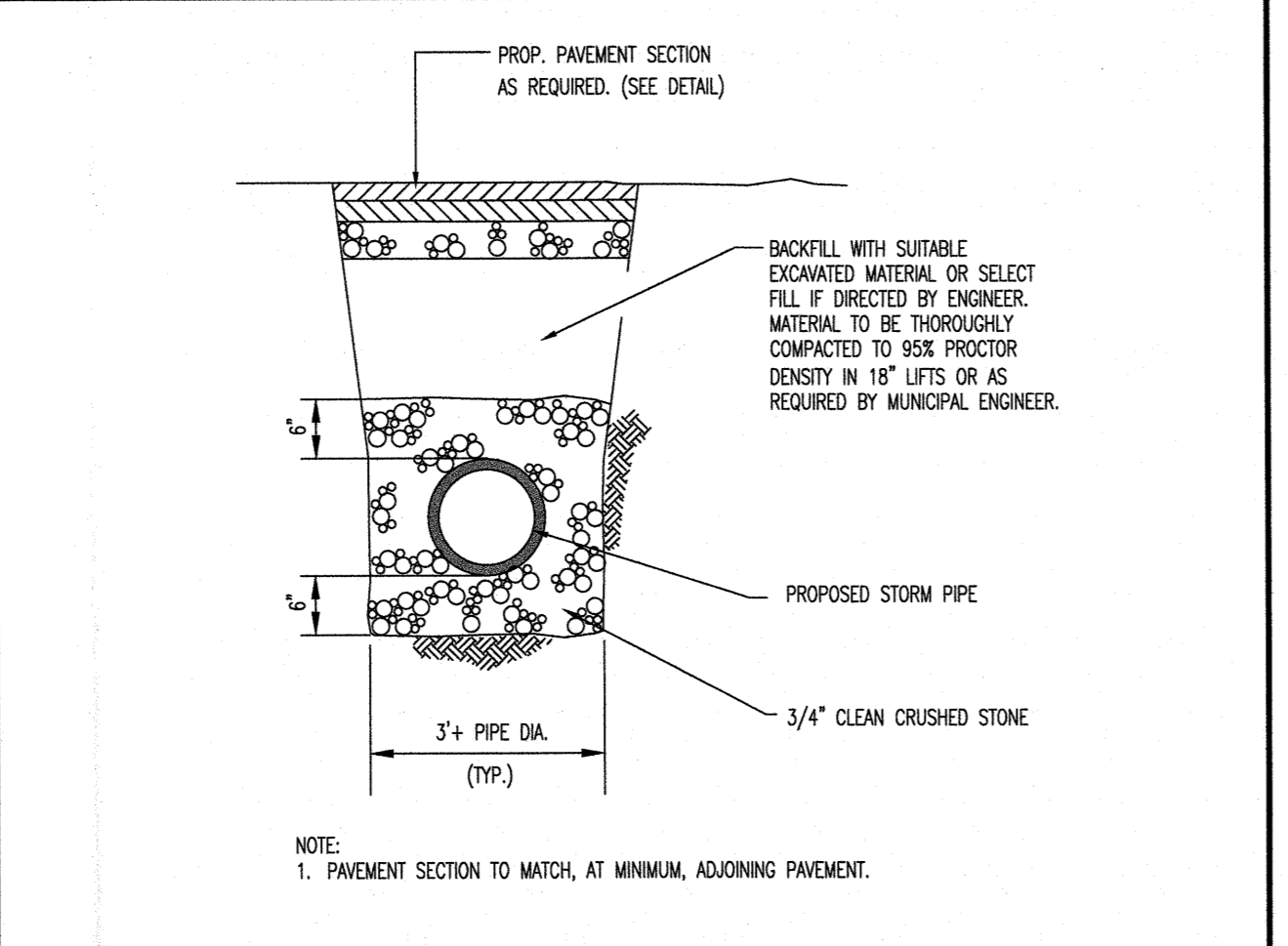
WATER SERVICE CONNECTION
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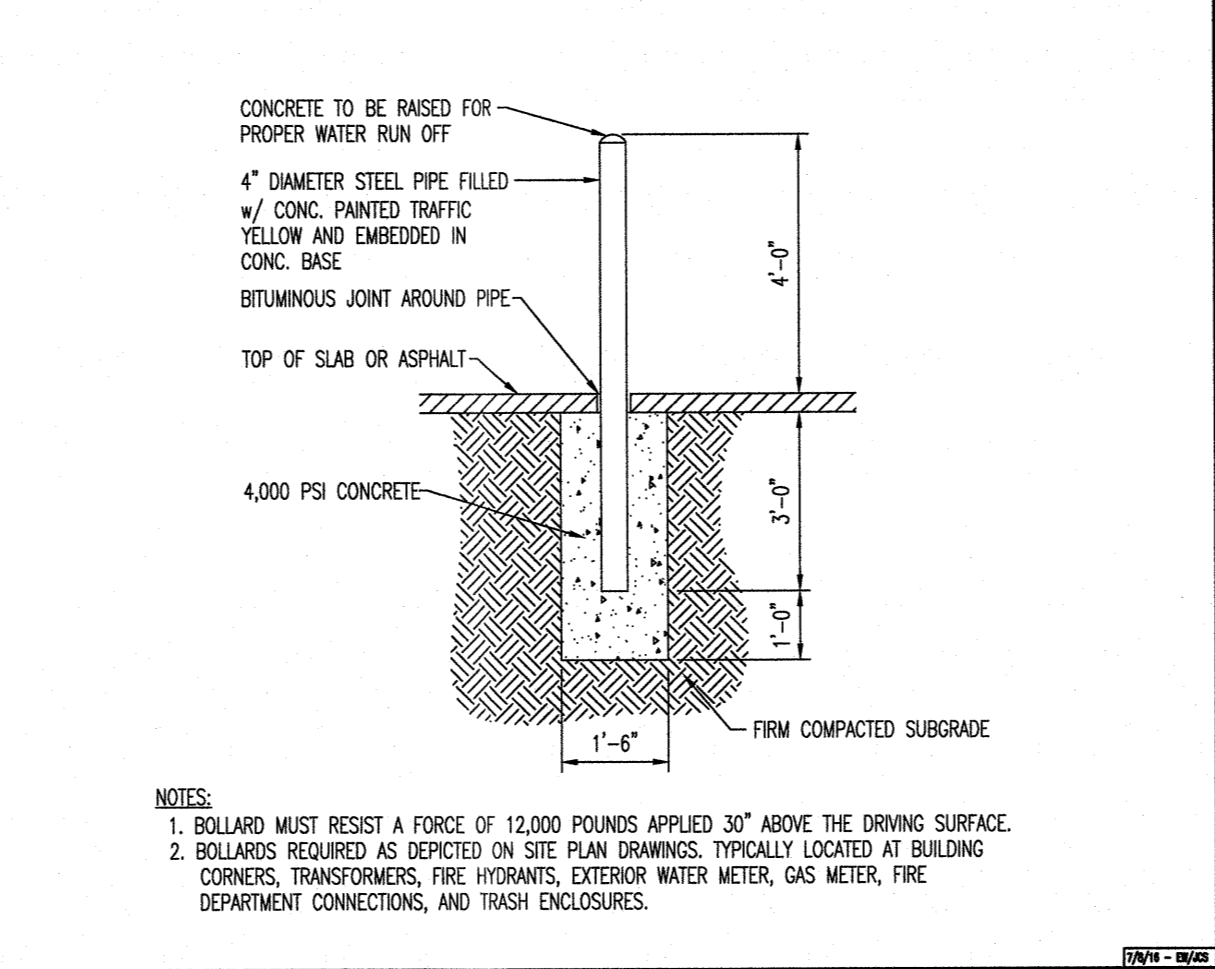
<p>DYNAMIC ENGINEERING LAND DEVELOPMENT CONSULTING • PERMITTING • GEOTECHNICAL • ENVIRONMENTAL • SURVEY • PLANNING & ZONING</p>		1504 Main Street Lake Como, NJ 07719 T: 732.974.0198 F: 732.974.3521 www.dynamiceng.com
<p>TITLE: CONSTRUCTION DETAILS</p>		
PROJECT: AMIN FAMILY, LLC PROPOSED MIXED USE DEVELOPMENT BLOCK 711, LOT 2, TAX MAP SHEET #92 202 WEST 7TH STREET & ARLINGTON AVENUE CITY OF PLAINFIELD, UNION COUNTY, NEW JERSEY	JOB No: 3327-99-001 DATE: 01/31/2020 DRAWN BY: DJB DESIGNED BY: LMS CHECKED BY: JEH CHECKED BY:	SCALE: (H) AS SHOWN SHEET No: 12 Of 15 Rev. # 0
JAMES E. HENRY PROFESSIONAL ENGINEER NEW JERSEY LICENSE NO. 49266	JOSHUA M. SEWALD PROFESSIONAL ENGINEER NEW JERSEY LICENSE NO. 52908	<p>ALL STATES REQUIRE NOTIFICATION OF LOCATIONS, DEPTHS, OR ANY OTHER INFORMATION TO BE OBTAINED PRIOR TO ANY EXCAVATION OR CONSTRUCTION. FAILURE TO OBTAIN THIS INFORMATION MAY BE PENALIZED BY STATE OR LOCAL GOVERNMENT. FOR STATE SPECIFIC DIRECT PHONE NUMBERS VISIT: WWW.CALL811.COM</p>



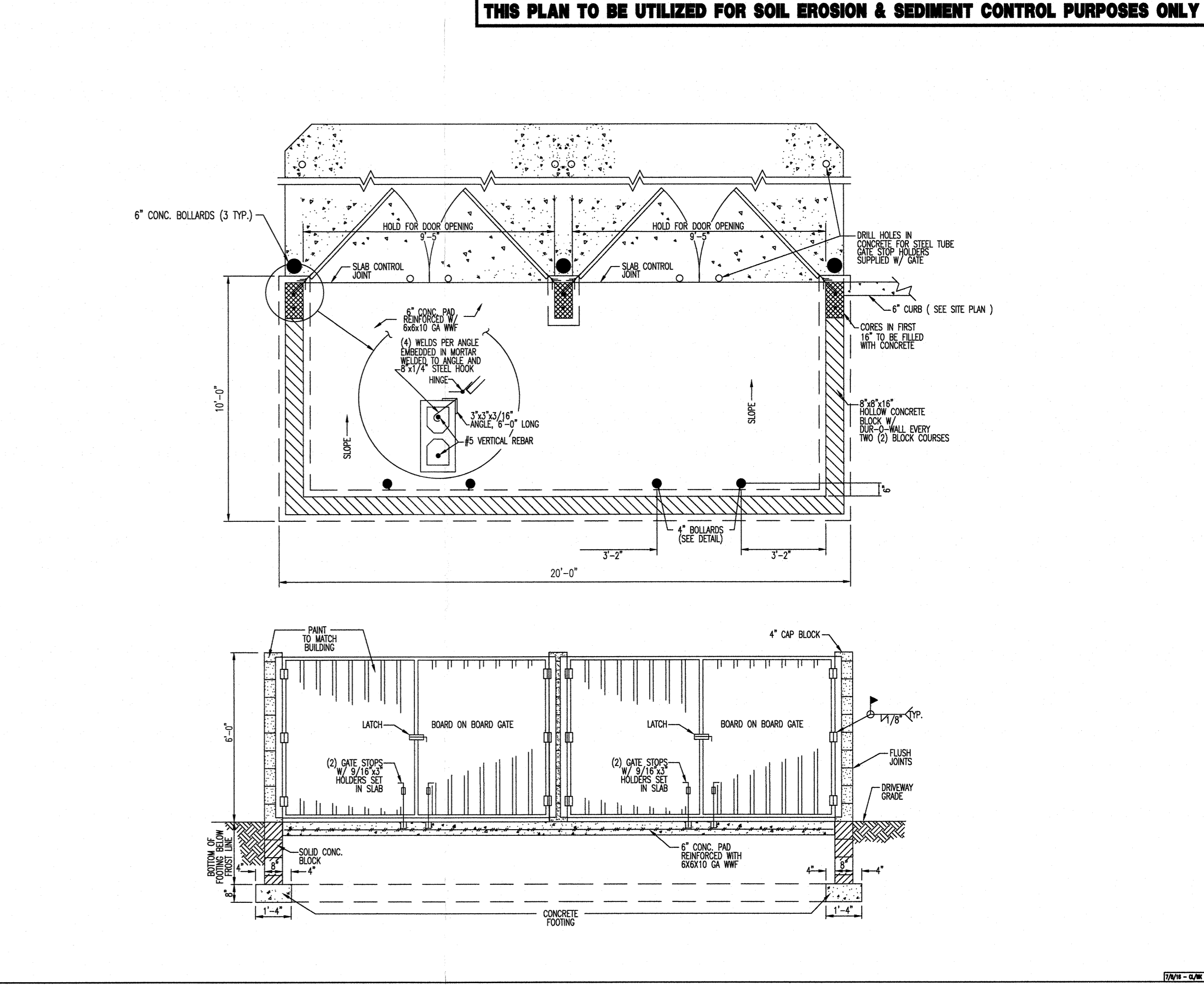
ROOF DRAIN W/TEE CLEANOUT DETAIL
NOT TO SCALE



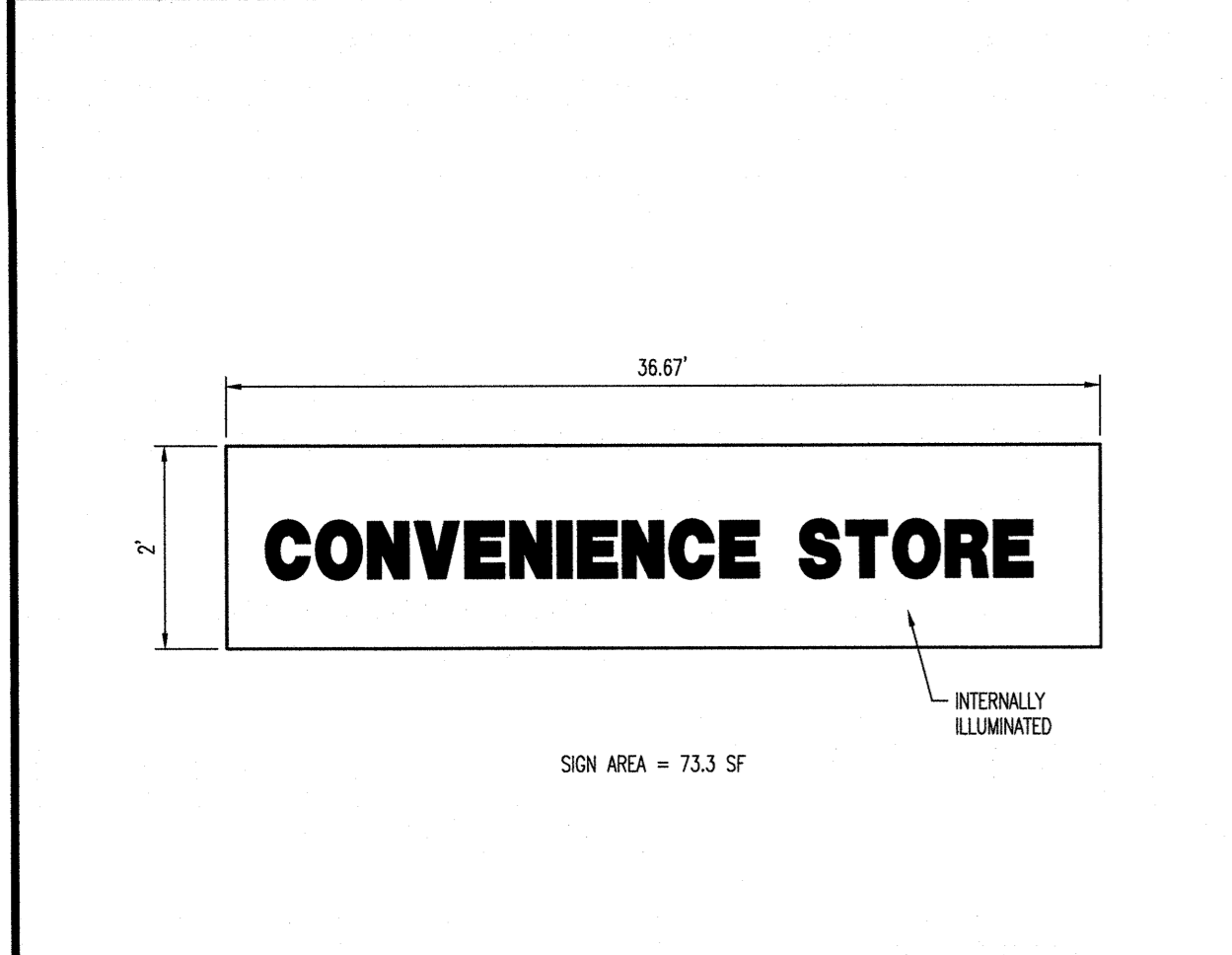
STORM SEWER TRENCH DETAIL
NOT TO SCALE



4" BOLLARD DETAIL
NOT TO SCALE



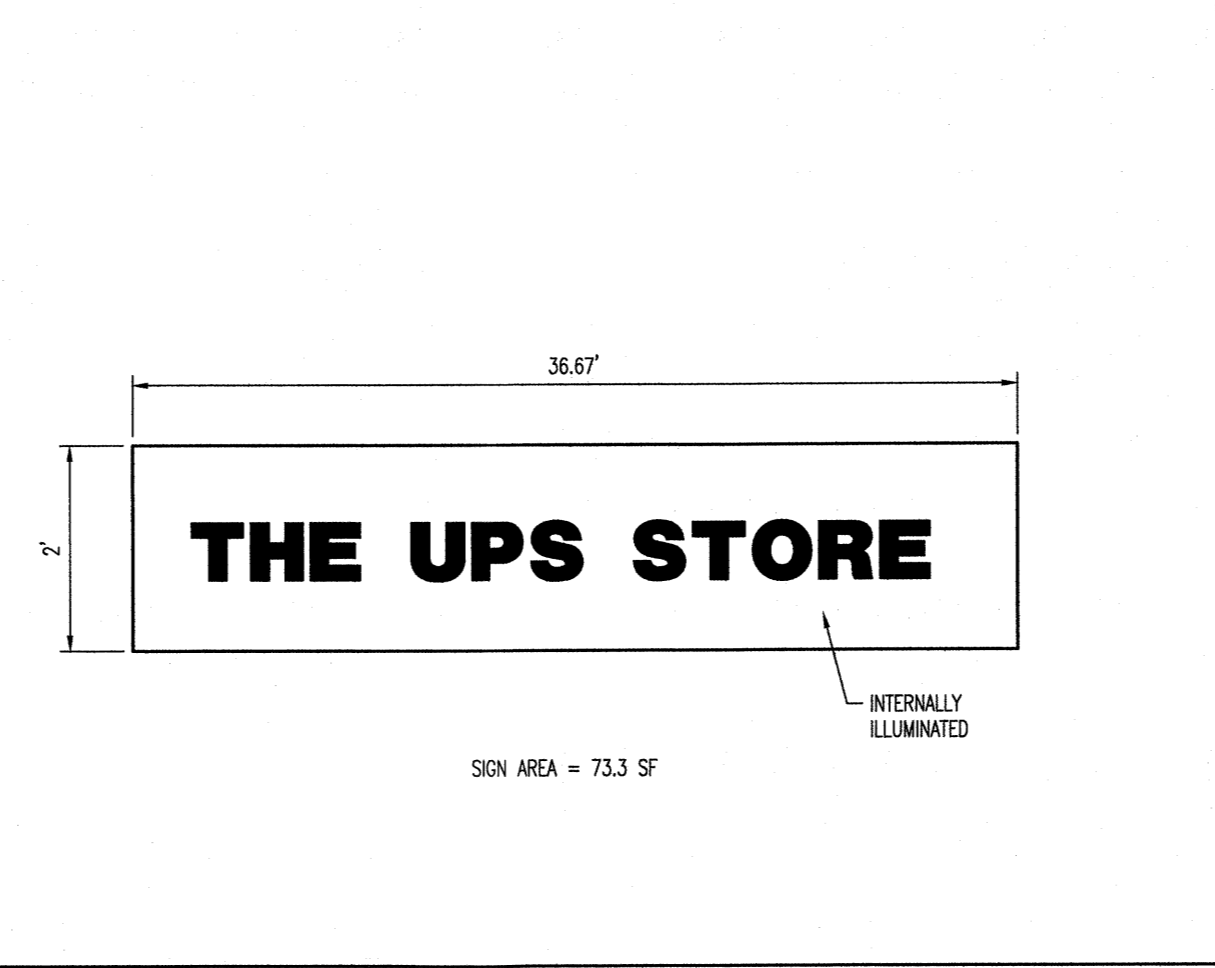
MASONRY TRASH/BOARD-ON-BOARD GATE ENCLOSURE DETAIL
NOT TO SCALE



PROPOSED BUILDING MOUNTED SIGN #1 DETAIL (SOUTHEASTERN FACADE)
NOT TO SCALE



PROPOSED BUILDING MOUNTED SIGN #2 DETAIL (SOUTHEASTERN FACADE)
NOT TO SCALE

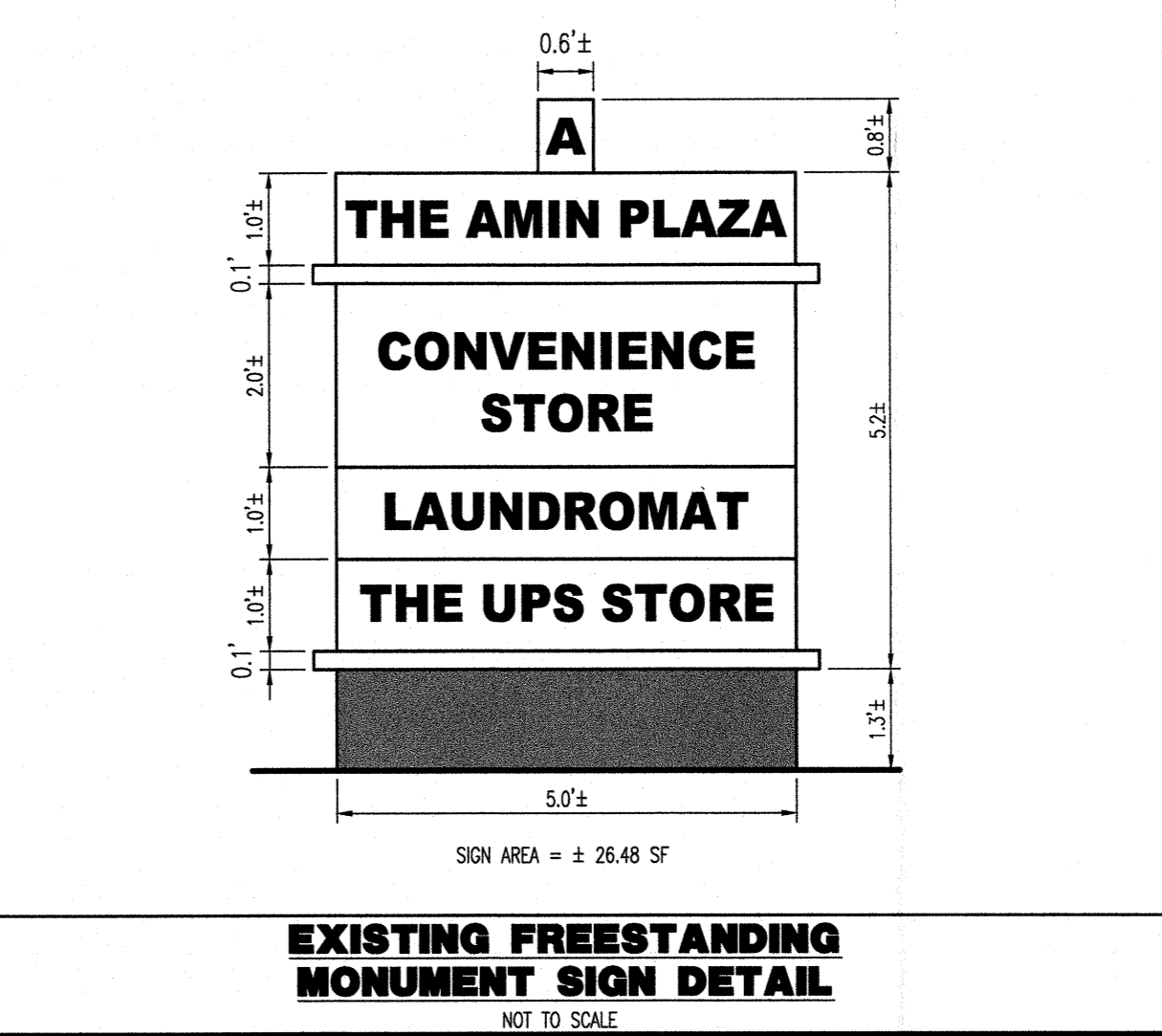


PROPOSED BUILDING MOUNTED SIGN #3 DETAIL (SOUTHEASTERN FACADE)
NOT TO SCALE

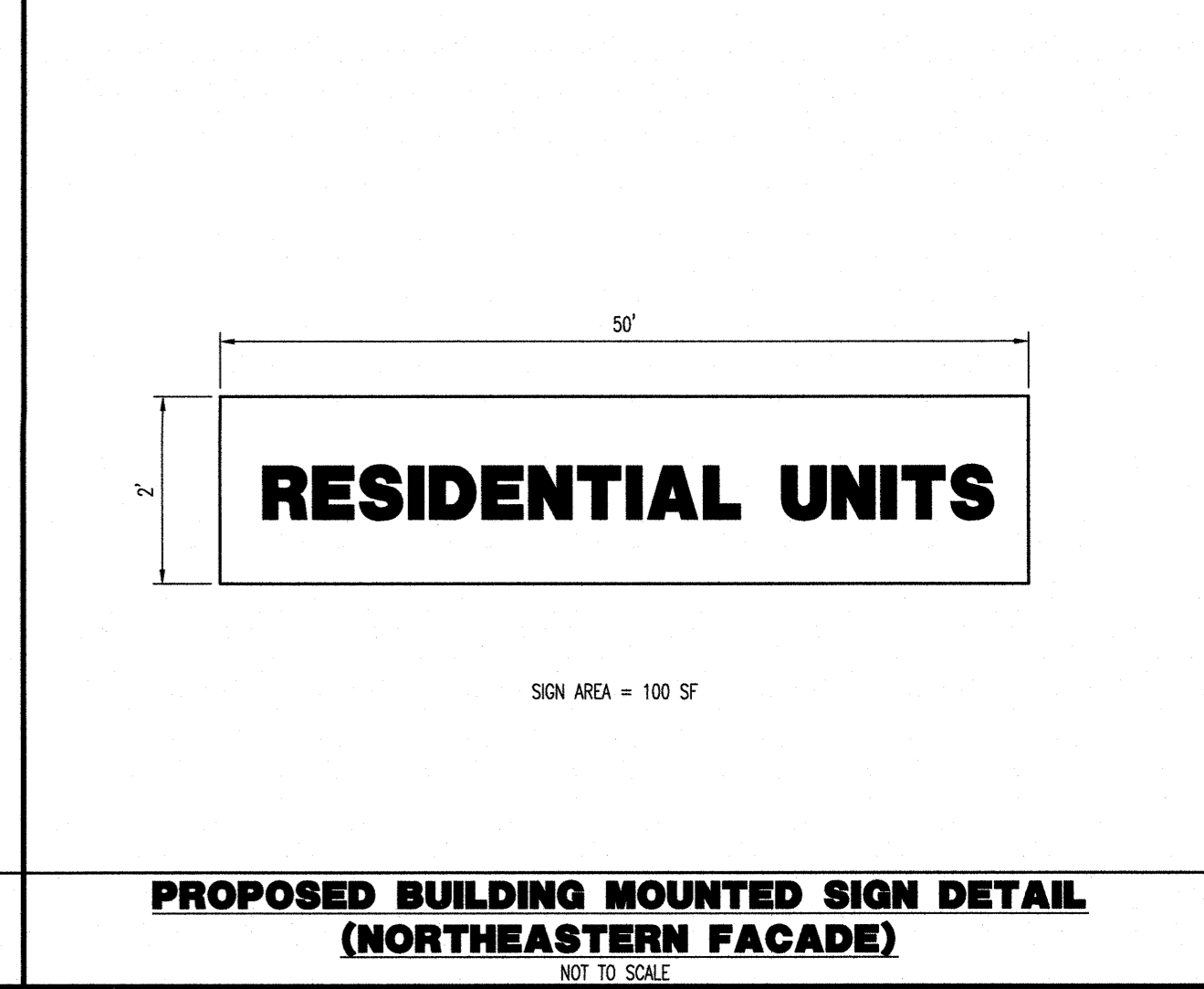
SIGNAGE TABLE

SIGN	REQUIREMENTS	EXISTING	PROPOSED
FREESTANDING - MONUMENT	NUMBER OF SIGNS: ONE (1) [1] MAXIMUM SIGN AREA: 30 SF MAXIMUM SIGN HEIGHT: 6 FT MAXIMUM BASE HEIGHT: 18 IN	NUMBER OF SIGNS: ONE (1) SIGN AREA: +/- 26.48 SF SIGN HEIGHT: +/- 7.3 FT (E) BASE HEIGHT: +/- 15.6 IN	NUMBER OF SIGNS: ONE (1) SIGN AREA: +/- 26.48 SF SIGN HEIGHT: +/- 7.3 FT (E) BASE HEIGHT: +/- 15.6 IN
BUILDING MOUNTED	NUMBER OF FACADE SIGNS: ONE (1) PER BUSINESS [5] MAXIMUM FACADE SIGN AREA: FIFTEEN (15) PERCENT OF THE FRONT FACADE AREA [6] OR TEN (10%) SOUTHEASTERN FACADE: (110 FT)(16.33 FT)(15%) = 269.45 SF NORTHEASTERN FACADE: (65 FT)(16.33 FT)(10%) = 106.15 SF MAXIMUM SIGN HEIGHT: 2 FT MAXIMUM SIGN CLEARANCE: 14 FT	NUMBER OF FACADE SIGNS: THREE (3) SIGN AREA: SOUTHEASTERN FACADE: CONVENIENCE STORE: +/- 24 SF LAUNDROMAT: +/- 30 SF RETAIL (UPS): 0 SF TOTAL: +/- 54 SF NORTHEASTERN FACADE: CONVENIENCE STORE: +/- 28.5 SF SIGN HEIGHT: SOUTHEASTERN FACADE: CONVENIENCE STORE: +/- 3 FT (E) LAUNDROMAT: +/- 3 FT (E) RETAIL: 0 FT NORTHEASTERN FACADE: CONVENIENCE STORE: +/- 3 FT (E) SIGN CLEARANCE: SOUTHEASTERN FACADE: CONVENIENCE STORE: +/- 9.4 FT LAUNDROMAT: +/- 9.4 FT RETAIL: 0 FT NORTHEASTERN FACADE: CONVENIENCE STORE: +/- 8.2 FT GRAPHIC & LOGO HEIGHT: +/- 14.4 IN MAX. SIGN PROJECTION: +/- 2 IN	NUMBER OF FACADE SIGNS: THREE (3) SIGN AREA: SOUTHEASTERN FACADE: CONVENIENCE STORE: 73.3 SF LAUNDROMAT: 73.3 SF RETAIL (UPS): 73.3 SF TOTAL: 219.9 SF NORTHEASTERN FACADE: RESIDENTIAL: 100 SF SIGN HEIGHT: SOUTHEASTERN FACADE: CONVENIENCE STORE: 2 FT LAUNDROMAT: 2 FT RETAIL (UPS): 2 FT NORTHEASTERN FACADE: RESIDENTIAL: 2 FT SIGN CLEARANCE: SOUTHEASTERN FACADE: CONVENIENCE STORE: 14 FT LAUNDROMAT: 14 FT RETAIL (UPS): 14 FT NORTHEASTERN FACADE: RESIDENTIAL: 14 FT GRAPHIC & LOGO HEIGHT: < 30 IN / EACH SIGN SIGN PROJECTION: < 9 IN / EACH SIGN

N/S: NO STANDARD N/A: NOT APPLICABLE (V): VARIANCE (E): EXISTING NON-CONFORMANCE



EXISTING FREESTANDING MONUMENT SIGN DETAIL
NOT TO SCALE



PROPOSED BUILDING MOUNTED SIGN DETAIL (NORTHEASTERN FACADE)
NOT TO SCALE

SIGNAGE TABLE NOTES

- A MONUMENT SIGN SHALL BE PERMITTED ON A PROPERTY THAT HAS A MINIMUM FRONT YARD SETBACK OF TEN (10) FEET BETWEEN THE PRINCIPAL BUILDING AND THE FRONT PROPERTY LINE. (PLAINFIELD SIGNAGE DESIGN STANDARDS - 4(A)(1)) (COMPLIES)
- NO FREESTANDING SIGN SHALL BE LOCATED OR DESIGNED SO AS TO INTERFERE WITH ADEQUATE SIGHT DISTANCE AND LINE OF SIGHT AT STREET INTERSECTIONS, DRIVEWAY ENTRANCES AND EXITS AT THE STREET, OR AT THE INTERSECTION OF INTERNAL DRIVEWAYS AND ACCESS AISLES. THE BOARD SHALL MAKE THIS DETERMINATION AS PART OF THE REQUIRED SITE PLAN REVIEW FOR THE FREESTANDING SIGN. (PLAINFIELD SIGNAGE DESIGN STANDARDS - 4(A)(2)) (COMPLIES)
- THE SIGN SHALL BE INDIRECTLY ILLUMINATED, IF LIT. (PLAINFIELD SIGNAGE DESIGN STANDARDS - 4(B)) (COMPLIES)
- THE NUMBER OF COLORS SHALL BE LIMITED TO NO MORE THAN THREE (3) ON A SINGLE SIGN. (PLAINFIELD SIGNAGE DESIGN STANDARDS - 4(C)(1)) (COMPLIES)
- GROUND-FLOOR USES LOCATED ON CORNER LOTS HAVING A SECOND FACADE FRONTING ON A PUBLIC STREET SHALL BE PERMITTED TO HAVE ONE ADDITIONAL SIGN ON THE BUILDING FACADE FACING THE SECOND STREET. (8 1/2-51(C)(2)) (COMPLIES)
- FOR EACH TEN (10) FEET OF FRONT SETBACK ON THE PROPERTY, THE PERCENTAGE OF WALL SIGNS MAY BE INCREASED BY ONE (1) PERCENT UP TO A TOTAL NOT TO EXCEED FIFTEEN (15) PERCENT OF THE AREA OF THE FRONT FACADE. (PLAINFIELD SIGNAGE DESIGN STANDARDS - 7(A)(A) FRONT SETBACK = 110 FT; 15% ALLOWABLE SIGN AREA) (COMPLIES)
- ALL ILLUMINATED SIGNS SHALL EITHER BE OF THE INTERNALLY OR INDIRECTLY LIGHTED AND NON-BLINKING TYPE OR ILLUMINATED WITH "HALO LIGHTS" AND SHALL NOT EXCEED FOOT CANDLES OF LIGHT AT A DISTANCE OF TEN FEET FROM SUCH STRUCTURE. (PLAINFIELD SIGNAGE DESIGN STANDARDS - 7(B)(1)) (COMPLIES)
- THE NUMBER OF COLORS ON ANY SIGN SHOULD BE LIMITED TO NO MORE THAN THREE (3) ON A SINGLE SIGN. COLOR LIMITATIONS SHALL NOT BE APPLIED TO LOGOS. (PLAINFIELD SIGNAGE DESIGN STANDARDS - 7(C)(1)) (COMPLIES)
- NO ILLUMINATED SIGN LOCATED ON A LOT ADJACENT TO OR ACROSS THE STREET FROM ANY RESIDENTIAL DISTRICT AND VISIBLE FROM SUCH RESIDENTIAL DISTRICT SHALL BE ILLUMINATED BETWEEN THE HOURS OF 11:00 P.M. AND 7:00 A.M., UNLESS THE USE TO WHICH THE SIGN PERTAINS IS OPEN FOR BUSINESS DURING THOSE HOURS. (8 1/2-51(C)(10A)) (COMPLIES)

Product Ver: 2.3.1a (LMS Tech)
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 13 CONSTRUCTION DETAILS

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CONSTRUCTION DETAILS

PROJECT: **AMIN FAMILY, LLC**
PROPOSED MIXED USE DEVELOPMENT
BLOCK 711, LOT 2, TAX MAP SHEET #92
202 WEST 7TH STREET & ARLINGTON AVENUE
CITY OF PLAINFIELD, UNION COUNTY, NEW JERSEY

JOB No: 3327-99-001
DATE: 01/31/2020
DRAWN BY: DJB
SCALE: (H) AS SHOWN
DESIGNED BY: LMS
SHEET No:
CHECKED BY: JEH
CHECKED BY: —

JAMES E. HENRY PROFESSIONAL ENGINEER
NEW JERSEY LICENSE NO. 49266

JOSHUA M. SEWALD PROFESSIONAL ENGINEER
NEW JERSEY LICENSE NO. 52908

13
Of 15
Rev. # 0

WPSLS Series Small LED Slim Wall Pack. Features & Specifications, Performance, Dimensions, and Luminaire Ordering Guide.

WPSLS Series Small LED Slim Wall Pack. Features & Specifications (Cont.), Performance, Dimensions, and Luminaire Ordering Guide.

Mirada Wall Sconce - XWM Outdoor LED Wall Sconce. Features & Specifications, Performance, Dimensions, and Luminaire Ordering Guide.

Mirada Wall Sconce - XWM Outdoor LED Wall Sconce. Features & Specifications (Cont.), Performance, Dimensions, and Luminaire Ordering Guide.

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Mirada Wall Sconce - XWM Outdoor LED Wall Sconce. Features & Specifications (Cont.), Performance, Dimensions, and Luminaire Ordering Guide.

Mirada Medium - MRM Outdoor LED Area Light. Features & Specifications, Performance, Dimensions, and Luminaire Ordering Guide.

Mirada Medium - MRM Outdoor LED Area Light. Features & Specifications (Cont.), Performance, Dimensions, and Luminaire Ordering Guide.

Mirada Medium - MRM Outdoor LED Area Light. Features & Specifications (Cont.), Performance, Dimensions, and Luminaire Ordering Guide.

Mirada Medium - MRM Outdoor LED Area Light. Features & Specifications (Cont.), Performance, Dimensions, and Luminaire Ordering Guide.

LIGHTING SPECIFICATIONS

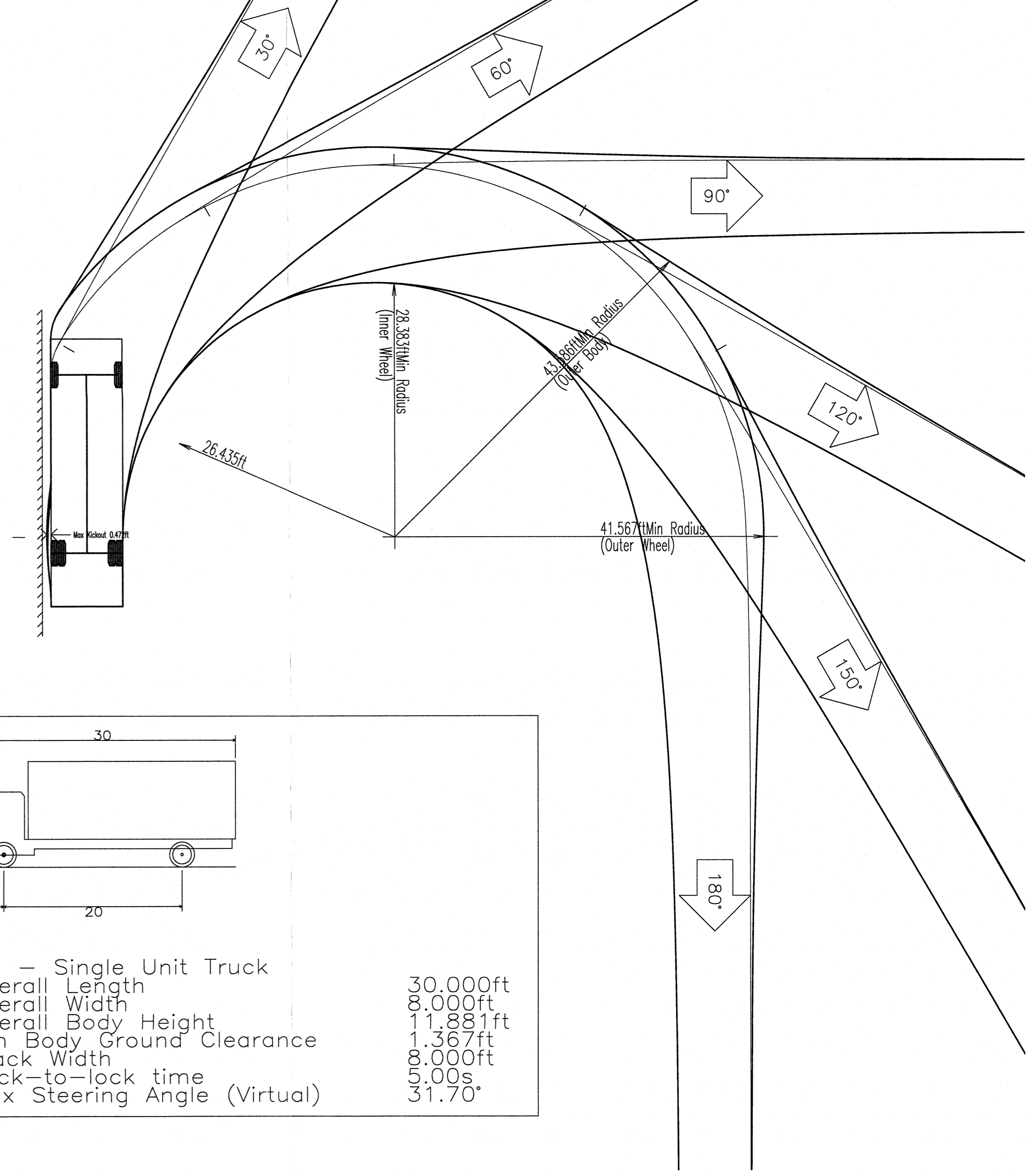
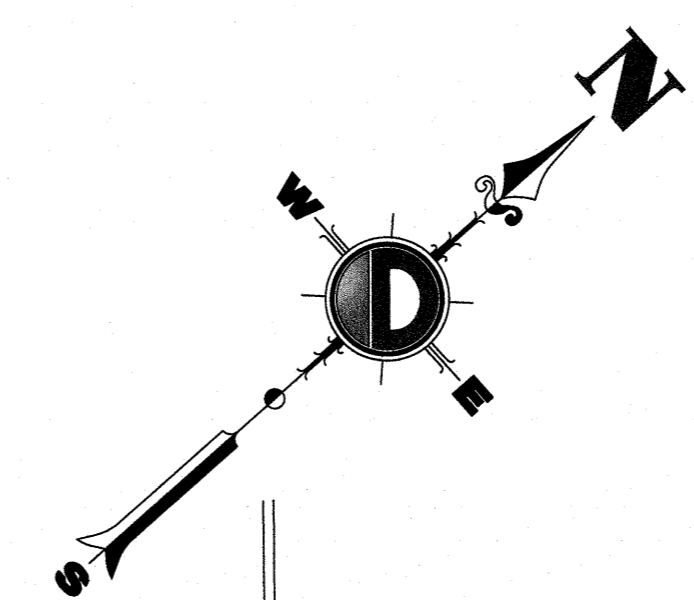
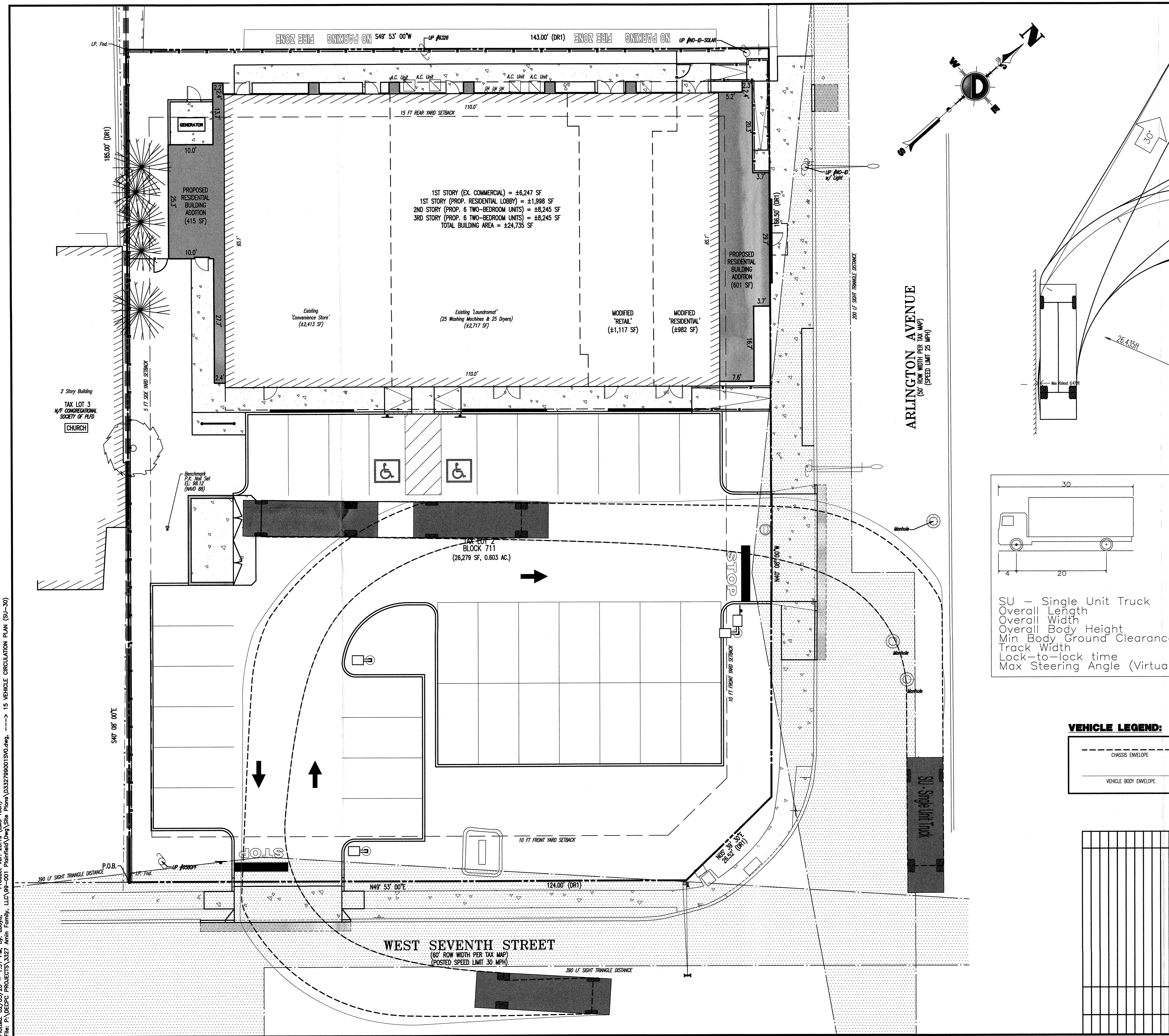
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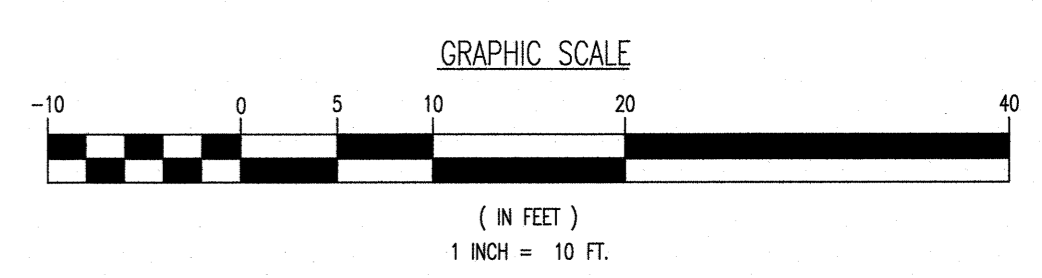
CONSTRUCTION DETAILS. PROJECT: AMIN FAMILY, LLC. DRAWN BY: DUB. CHECKED BY: JEH. SHEET NO: 14 OF 15.

THIS PLAN TO BE UTILIZED FOR VEHICLE CIRCULATION PURPOSES ONLY



VEHICLE LEGEND:

CHASSIS ENVELOPE	---
VEHICLE BODY ENVELOPE	—



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VEHICLE CIRCULATION PLAN (SU-30)

PROJECT: **AMIN FAMILY, LLC**
PROPOSED MIXED USE DEVELOPMENT
 BLOCK 711, LOT 2, TAX MAP SHEET #92
 202 WEST 7TH STREET & ARLINGTON AVENUE
 CITY OF PLAINFIELD, UNION COUNTY, NEW JERSEY

JOB No: 3327-99-001
 DATE: 01/31/2020

DRAWN BY: DJB
 DESIGNED BY: LMS
 CHECKED BY: JEH

SCALE: (H) 1"=10'
 (V)
 SHEET No: 15
 OF 15
 Rev. # 0

JAMES E. HENRY
 PROFESSIONAL ENGINEER
 NEW JERSEY LICENSE No. 49266

JOSHUA M. SEWALD
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