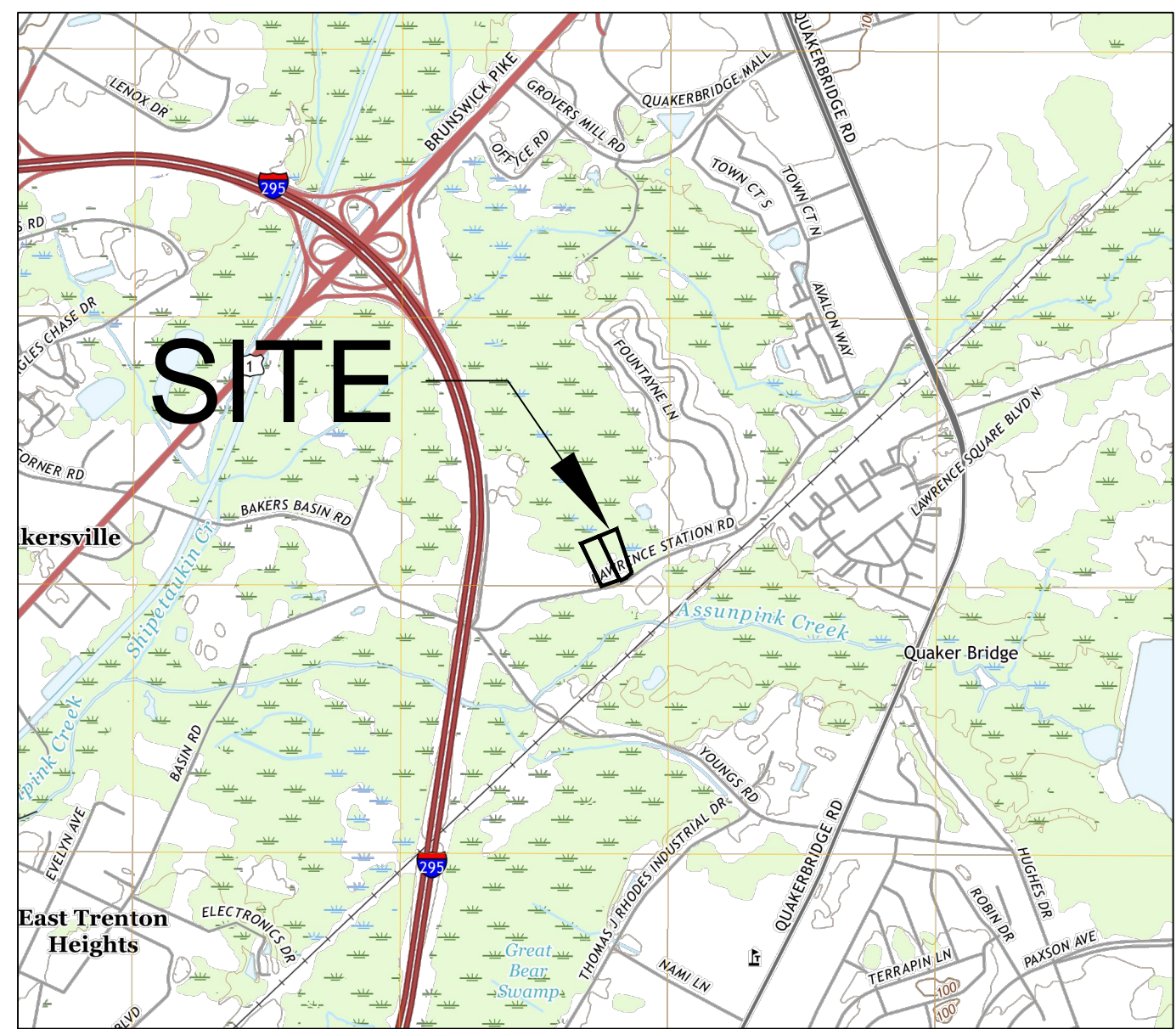


LIST OF PROPERTY OWNER'S WITHIN 200' OF PROJECT SITE

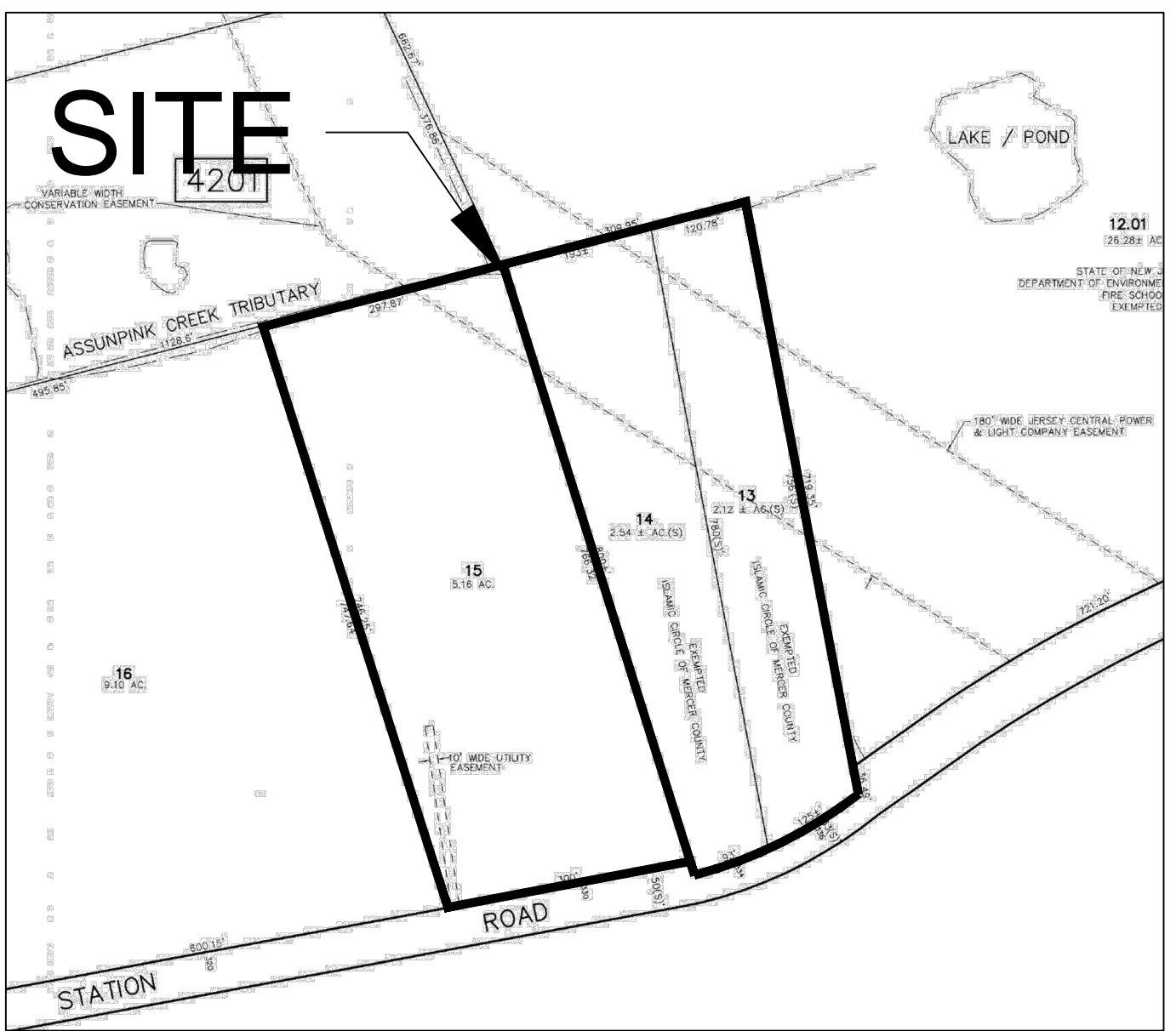
Block	Lot	Owner	Land Use
Block 4102	Lot 5	WENZEL TILE COMPANY 200 ENTERPRISE AVENUE TRENTON, NJ 08638	VACANT
BLOCK 4201	Lot 12.01	DEPARTMENT OF ENVIRONMENTAL PROTECTION, JOHN FICH PLAZA TRENTON, NJ 08638	VACANT
	Lot 13	CHRONAR CORPORATION C/O R.S. COOK 103 EISENHOWER PARKWAY ROSELAND, NJ 07068	HOUSE OF WORSHIP
	Lot 20	KMJ PROPERTY MANAGEMENT, LLC C/O ADCON, INC. 34 BLACK ROAD LAWRENCEVILLE, NJ 08619	COMMERCIAL USE TRAILER TRACTORS TRUCKS STORAGE
	Lot 16	GLS LEASCO, INC C/O REAL EST DEPT. PO BOX 869 WARREN, MI 48090-0869	COMMERCIAL USE TRUCK RENTAL LEASING INDUSTRY

UTILITIES:

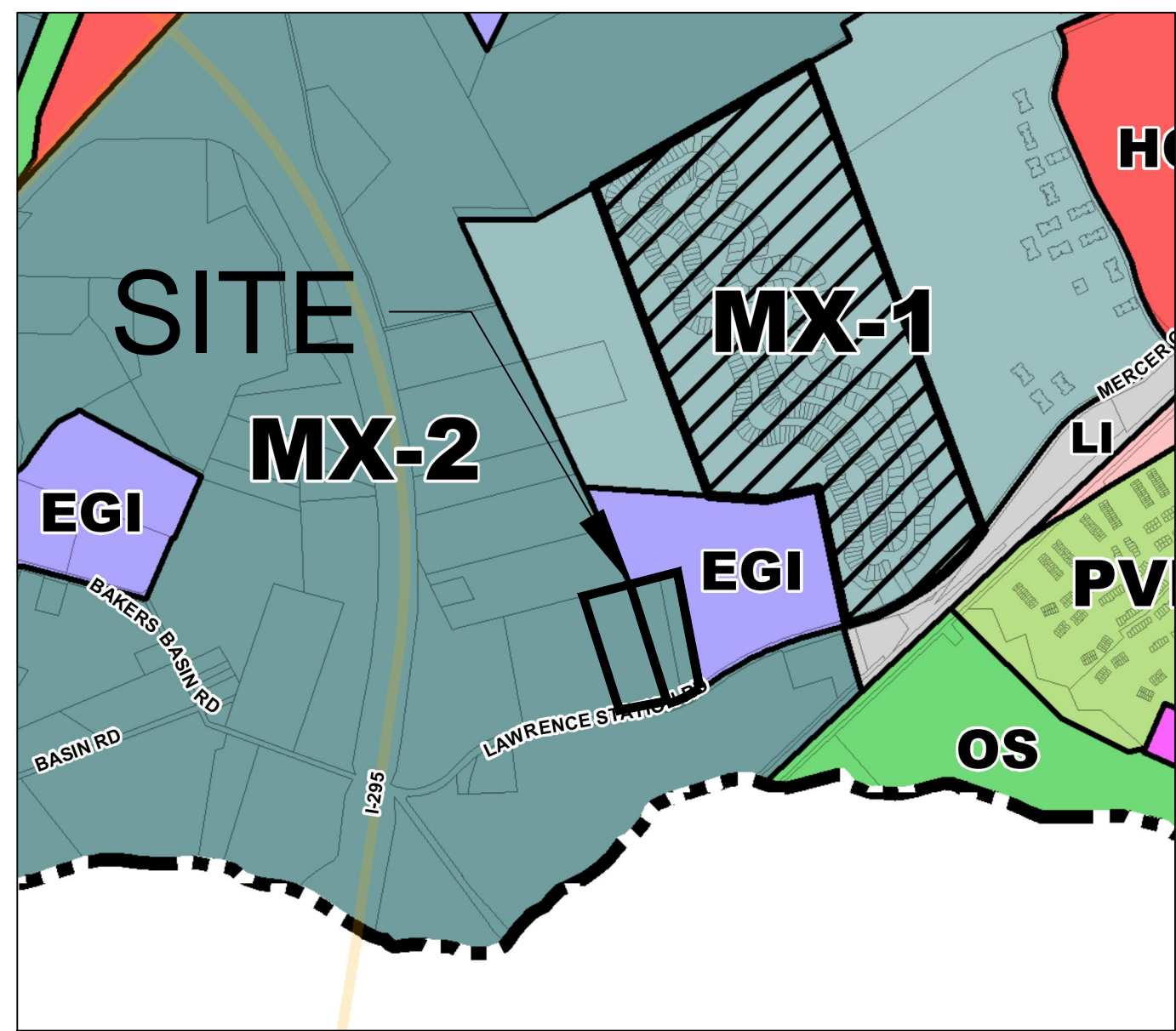
- ELSA (Ewing Lawrenceville Sewer Authority)**
600 Whitehead Road
Lawrenceville, NJ 08648
- New Jersey American Water Company**
131 Woodcrest Road
P.O.Box 5079
Cherry Hill, NJ 08034
- Public Service Electric & Gas**
Manager-Corporate Properties
80 Park Plaza, T6B
Newark, NJ 07102
- Verizon Communications**
540 Broad Street
Newark, NJ 07101
- Comcast Cable**
940 Prospect Street
Trenton, NJ 08618



LOCATION MAP
SOURCE: U.S.G.S. PRINCETON U.S. TOPO
SCALE: 1" = 2000'



TAX MAP
SOURCE: LAWRENCE TOWNSHIP TAX MAP
SCALE: 1" = 200'



ZONING MAP
SOURCE: LAWRENCE TOWNSHIP ZONING MAP
SCALE: 1" = 1000'

SITE PLANS

FOR THE ISLAMIC CIRCLE OF MERCER COUNTY

330 & 336 LAWRENCE STATION ROAD, TAX BLOCK 4201, TAX LOT 13.01 & 15

TOWNSHIP OF LAWRENCE, MERCER COUNTY, NEW JERSEY

APPLICANT/OWNER: ISLAMIC CIRCLE OF MERCER COUNTY

- VARIANCES & WAIVERS:**
- TABLE 8.2 SUBMISSION CHECKLIST ITEM #33 SURVEY OF ALL EXISTING STREET, WATERCOURSES, FLOOD PLAINS, WOODED AREAS WITH TREES MEASURING 8" OR GREATER CALIPER (AT D.B.H.), WETLANDS OR OTHER ENVIRONMENTALLY SENSITIVE AREAS ON AND WITHIN 100' OF SITE.
 - TABLE 8.2 SUBMISSION CHECKLIST ITEM #58 TREE PROTECTION ZONES AND TREE SAVE AREAS.
 - TABLE 8.2 SUBMISSION CHECKLIST ITEM #59 ENVIRONMENTAL IMPACT STATEMENT
 - TABLE 8.2 SUBMISSION CHECKLIST ITEM #60 COMMUNITY IMPACT STATEMENT
 - TABLE 8.2 SUBMISSION CHECKLIST ITEM #61 CIRCULATION IMPACT STUDY
 - A DESIGN WAIVER IS REQUESTED FROM §630.1(2) TO PROVIDE A DRIVEWAY LENGTH LESS THAN THE 75-FT. REQUIRED BY ORDINANCE.
 - A VARIANCE IS REQUESTED FROM §422.E TO PERMIT A PARKING SETBACK TO STREET OF 10.3 FT WHERE 50 FT. IS REQUIRED BY ORDINANCE.

LAWRENCE TOWNSHIP ZONING CONFORMANCE SCHEDULE						
ZONE: MX-2 (MIXED USE 2) ORDINANCE §422.E						
	REQUIRED	EXISTING LOT 15	PROPOSED LOT 15	EXISTING LOT 13.01	PROPOSED LOT 13.01	VARIANCE
MIN. LOT AREA	5 AC.	5.17 AC.(225,172 SF)	5.17 AC.	4.54 AC.(197,808 SF) *	4.54 AC. *	NO
MIN. LOT FRONTAGE	300 FT.	300 FT.	300 FT.	224.1 FT. *	224.1 FT. *	NO
MIN. LOT WIDTH	300 FT.	297.9 FT. +	297.9 FT. +	220.7 FT. *	220.7 FT. *	NO
MIN. LOT DEPTH	300 FT.	747.6 FT.	747.6 FT.	710.4 FT.	710.4 FT.	NO
MIN. FRONT YARD	125 FT.	107.7 FT. +	N/A	64.7 FT. *	64.7 FT. *	NO
MIN. SIDE YARD	75 FT.	49.5 FT. +	N/A	65.0 FT. *	65.0 FT. *	NO
MIN. REAR YARD	75 FT.	342.4 FT.	N/A	607.4 FT.	607.4 FT.	NO
MAX. FLOOR AREA RATIO	.10	.058	0	.063	.063	NO
MAX. IMPERVIOUS SURFACE RATIO	.30	.208 (46,783 SF)	.247 (55,516 SF)	.127	.127	NO
MAX. HEIGHT	35 FT.	<35 FT.	N/A	66.66 FT. *	66.66 FT. *	NO
PARKING SETBACK STREET	50 FT.	±38.0 FT.	10.3 FT. **	3.3 FT. *	3.3 FT. *	YES
PARKING SETBACK LOT LINE	25 FT.	±41.5 FT.	0 FT./58.4 FT.	4.5 FT. *	4.5 FT. *	NO (1)

* VARIANCE PREVIOUSLY GRANTED
 ** VARIANCE REQUIRED
 + EXISTING NON-CONFORMING CONDITION
 (1) NO VARIANCE REQUIRED BETWEEN LOTS 13.01 & 15 IF LOTS ARE CONSOLIDATED

PARKING REQUIREMENTS	REQUIRED	PROVIDED
HOUSE OF WORSHIP 1 SP/3 SEATS	USE MAX. OCCUPANCY 486 PERSONS ⁽¹⁾ = 162 SPACES REQUIRED	240 SPACES REQUIRED

⁽¹⁾ NOTE: NO SEATS WITHIN FACILITY - SEE ADDITIONAL DISCUSSION IN TRAFFIC ANALYSIS

THE CONTRACTOR AND/OR OWNER SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING STRUCTURES AND UTILITIES, WHICH HE DEEMS NECESSARY, BOTH ABOVE AND BELOW THE GROUND SURFACE HEAVY EQUIPMENT ENTERS THE SITE.

FINAL INQUIRIES TO "UNDERGROUND UTILITIES" (PHONE #: 1-800-272-1000) SHALL BE MADE BY THE CONTRACTOR AND/OR OWNER WITHIN SEVEN (7) DAYS OF ENTERING THE SITE. THE CONTRACTOR AND/OR OWNER SHALL COORDINATE AND VERIFY THE METHOD OF UTILITY LOCATION WITH THE APPROPRIATE UTILITY COMPANY.

IN GENERAL, THE VERTICAL DESIGN OF PROPOSED GRAVITY UTILITIES, AS SHOWN, ARE INFLUENCED BY THE EXISTING GRAVITY UTILITIES ONLY, WHICH MAY NECESSITATE THE RELOCATIONS OF OTHER UTILITIES.

UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE, AND BASED ON EXISTING INFORMATION RECEIVED FROM UTILITY COMPANIES.

INDEX

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	DEMOLITION PLAN
3	OVERALL SITE PLAN
4	SITE PLANE
5	GRADING PLAN
6	LANDSCAPING PLAN
7	LIGHTING PLAN
8	CONSTRUCTION DETAILS
9	CONSTRUCTION DETAILS

I HEREBY CERTIFY THAT I AM THE OWNER/APPLICANT DEPICTED AND THAT I CONCUR WITH THE SUBMISSION

OWNER _____ DATE _____

APPROVED BY THE ZONING BOARD OF THE TOWNSHIP OF LAWRENCE

CHAIRMAN _____ DATE _____

SECRETARY _____ DATE _____

MUNICIPAL ENGINEER _____ DATE _____

ADMINISTRATIVE OFFICER _____ DATE _____

APPL. NO. ZB-5/20 AND SP-8/20

CONSULTANTS

INVISION ENGINEERS, P.C.
Consulting Engineers
16 Manley Road
Pennington, NJ 08534
Phone: 609-372-8313
Fax: 215-234-4131
WWW.INVISIONENGINEERS.COM

STATE OF NEW JERSEY
MOHAMMED Q. HUSAIN, PE
LICENSED PROFESSIONAL ENGINEER
NEW JERSEY LICENSE NO. 26575

PROPOSED HOUSE OF WORSHIP PARKING LOT FOR ISLAMIC CIRCLE MERCER COUNTY
 330 & 336 LAWRENCE STATION ROAD
 LOTS 13.01 & 15 BLOCK 4201
 TOWNSHIP OF LAWRENCE
 MERCER COUNTY, NEW JERSEY

OWNER/APPLICANT
ISLAMIC CIRCLE OF MERCER COUNTY
336 Lawrence Station Rd.
LAWRENCEVILLE, NJ 08648

REV. NO. 1
DATE: 1-20-2020

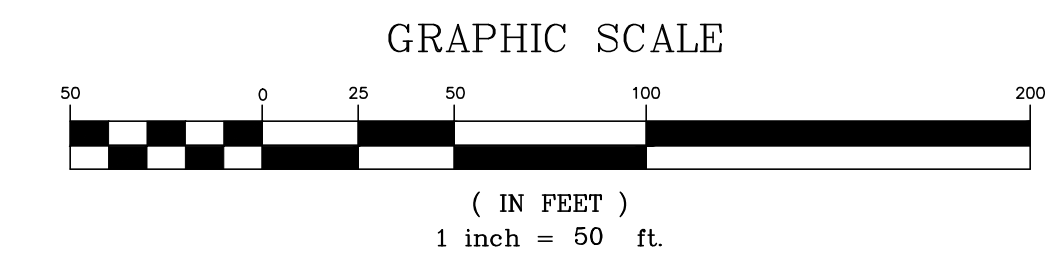
PROJECT NO: IE2018000
DATE: 1-20-2020
DRAWN BY:
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REFERENCE:

DWG SET NUMBER 100100

SHEET TITLE:
TITLE SHEET

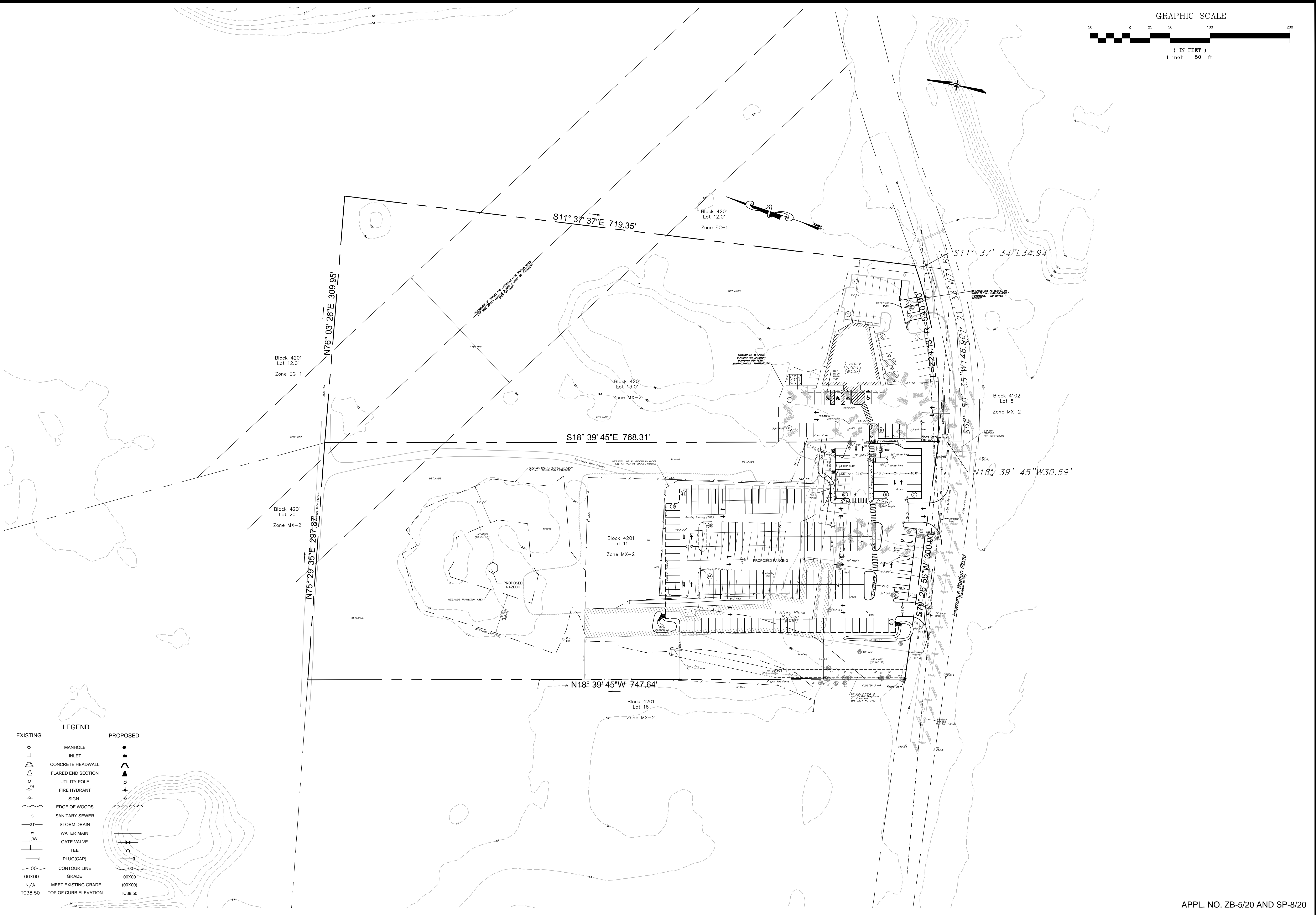
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SHEET 1 OF 9



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 Consulting Engineers
 16 Manley Road
 Pennington, NJ 08534
 Phone: 609-372-8313
 Fax: 215-234-4131
 WWW.INVISIONENGINEERS.COM

MOHAMMED Q. HUSAIN, PE
 NEW JERSEY PROFESSIONAL ENGINEER
 LICENSED NO. 28575



PROPOSED HOUSE OF WORSHIP PARKING LOT
 FOR ISLAMIC CIRCLE MERCER COUNTY
 330 & 336 LAWRENCE STATION ROAD
 LOTS 13.01 & 15 BLOCK 4201
 TOWNSHIP OF LAWRENCE
 MERCER COUNTY, NEW JERSEY

OWNER/APPLICANT
 ISLAMIC CIRCLE OF MERCER COUNTY
 336 Lawrence Station Rd.
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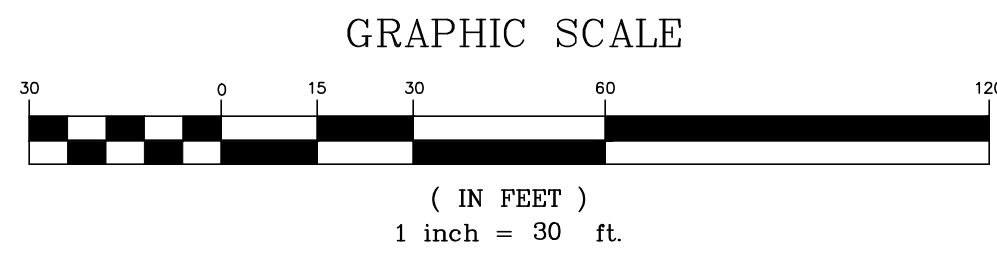
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DESCRIPTION	
DATE	

PROJECT NO.	IE2018000
DATE	6-24-2020
DRAWN BY:	
CHECKED BY:	
REFERENCE:	

DWG SET	NUMBER 100100
SHEET TITLE:	OVERALL SITE PLAN
OS	

LEGEND

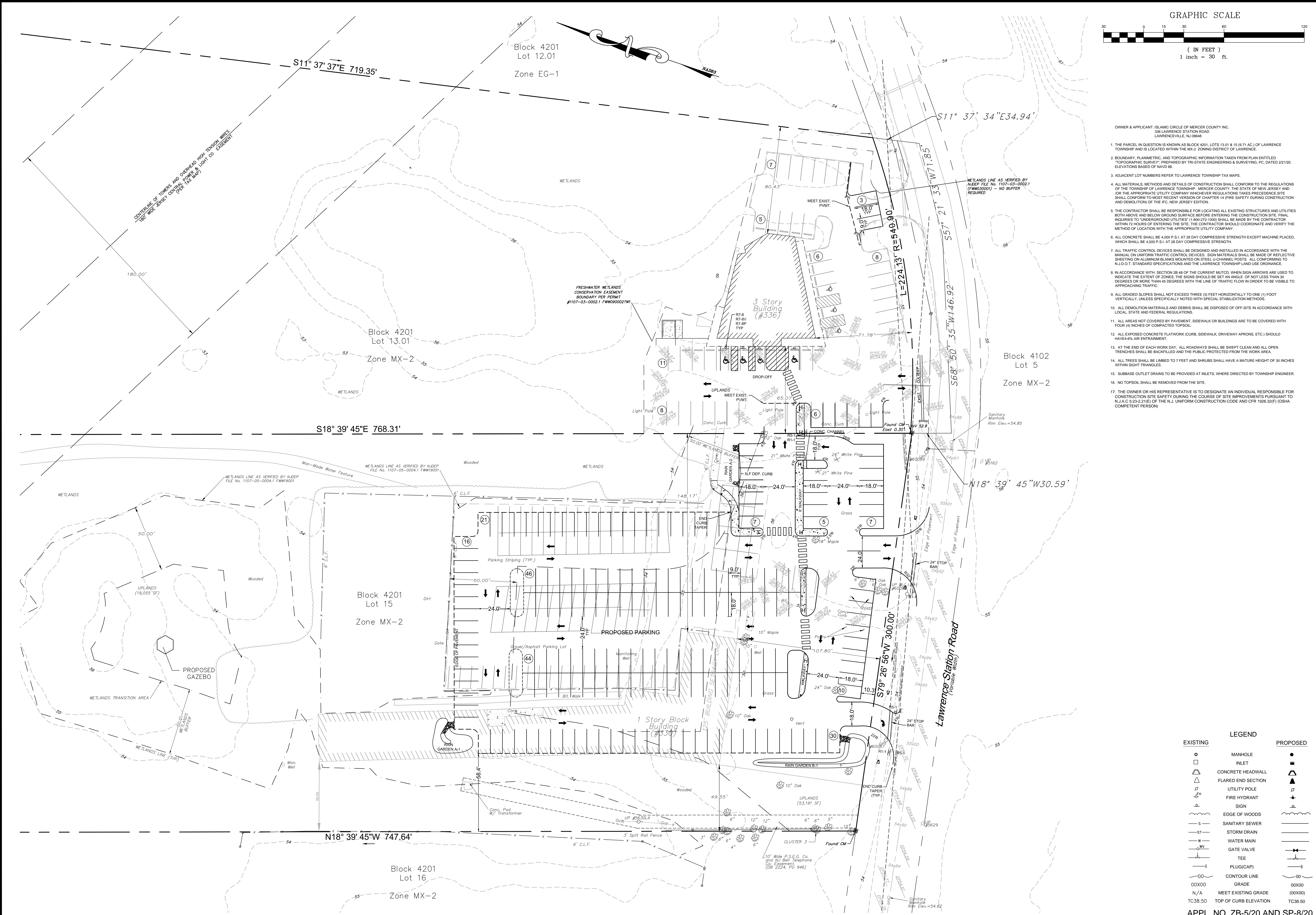
EXISTING		PROPOSED	
○	MANHOLE	●	MANHOLE
□	INLET	▲	INLET
△	CONCRETE HEADWALL	▲	CONCRETE HEADWALL
▽	FLARED END SECTION	▲	FLARED END SECTION
⊥	UTILITY POLE	⊥	UTILITY POLE
⊥	FIRE HYDRANT	⊥	FIRE HYDRANT
⊥	SIGN	⊥	SIGN
—	EDGE OF WOODS	—	EDGE OF WOODS
—S—	SANITARY SEWER	—S—	SANITARY SEWER
—ST—	STORM DRAIN	—ST—	STORM DRAIN
—W—	WATER MAIN	—W—	WATER MAIN
—GW—	GATE VALVE	—GW—	GATE VALVE
—T—	TEE	—T—	TEE
—P—	PLUG(CAP)	—P—	PLUG(CAP)
—OO—	CONTOUR LINE	—OO—	CONTOUR LINE
00X00	GRADE	00X00	GRADE
N/A	MEET EXISTING GRADE	(00X00)	MEET EXISTING GRADE
TC38.50	TOP OF CURB ELEVATION	TC38.50	TOP OF CURB ELEVATION



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INVISION ENGINEERS, P.C.
Consulting Engineers
16 Manley Road
Pennington, NJ 08534
Phone: 609-372-8313
Fax: 215-234-4131
WWW.INVISIONENGINEERS.COM

STATE OF NEW JERSEY
NO. 626575
DATE 10/14/20
M. Q. HUSAIN, PE
MOHAMMED Q. HUSAIN, PE
NEW JERSEY PROFESSIONAL ENGINEER
LICENSED NO. 28375



- OWNER & APPLICANT: ISLAMIC CIRCLE OF MERCER COUNTY INC.
336 LAWRENCE STATION ROAD
LAWRENCEVILLE, NJ 08648
- THE PARCEL IN QUESTION IS KNOWN AS BLOCK 4201, LOTS 13.01 & 15 (9.71 AC.) OF LAWRENCE TOWNSHIP AND IS LOCATED WITHIN THE MX-2 ZONING DISTRICT OF LAWRENCE TOWNSHIP.
 - BOUNDARY, PLANIMETRIC, AND TOPOGRAPHIC INFORMATION TAKEN FROM PLAN ENTITLED "TOPOGRAPHIC SURVEY", PREPARED BY TRI-STATE ENGINEERING & SURVEYING, P.C. DATED 2/21/20. ELEVATIONS BASED ON NAVD83.
 - ADJACENT LOT NUMBERS REFER TO LAWRENCE TOWNSHIP TAX MAPS.
 - ALL MATERIALS, METHODS AND DETAILS OF CONSTRUCTION SHALL CONFORM TO THE REGULATIONS OF THE TOWNSHIP OF LAWRENCE TOWNSHIP, MERCER COUNTY, THE STATE OF NEW JERSEY AND OR THE APPROPRIATE UTILITY COMPANY WHICH EVER REGULATIONS TAKES PRECEDENCE. SITE SHALL CONFORM TO MOST RECENT VERSION OF CHAPTER 14 FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION) OF THE IFC, NEW JERSEY EDITION.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING STRUCTURES AND UTILITIES BOTH ABOVE AND BELOW GROUND SURFACE BEFORE ENTERING THE CONSTRUCTION SITE. FINAL INQUIRIES TO "UNDERGROUND UTILITIES" (1-800-272-1000) SHALL BE MADE BY THE CONTRACTOR WITHIN 72 HOURS OF ENTERING THE SITE. THE CONTRACTOR SHOULD COORDINATE AND VERIFY THE METHOD OF LOCATION WITH THE APPROPRIATE UTILITY COMPANY.
 - ALL CONCRETE SHALL BE 4,000 P.S.I. AT 28 DAY COMPRESSIVE STRENGTH EXCEPT MACHINE PLACED, WHICH SHALL BE 4,500 P.S.I. AT 28 DAY COMPRESSIVE STRENGTH.
 - ALL TRAFFIC CONTROL DEVICES SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. SIGN MATERIALS SHALL BE MADE OF REFLECTIVE SHEETING ON ALUMINUM BLANKS MOUNTED ON STEEL U-CHANNEL POSTS. ALL CONFORMING TO N.J.D.O.T. STANDARD SPECIFICATIONS AND THE LAWRENCE TOWNSHIP LAND USE ORDINANCE.
 - IN ACCORDANCE WITH SECTION 28.48 OF THE CURRENT MUTCD, WHEN SIGN ARROWS ARE USED TO INDICATE THE EXTENT OF ZONES, THE SIGNS SHOULD BE SET AN ANGLE OF NOT LESS THAN 30 DEGREES OR MORE THAN 45 DEGREES WITH THE LINE OF TRAFFIC FLOW IN ORDER TO BE VISIBLE TO APPROACHING TRAFFIC.
 - ALL GRADED SLOPES SHALL NOT EXCEED THREE (3) FEET HORIZONTALLY TO ONE (1) FOOT VERTICALLY, UNLESS SPECIFICALLY NOTED WITH SPECIAL STABILIZATION METHODS.
 - ALL DEMOLITION MATERIALS AND DEBRIS SHALL BE DISPOSED OF OFF-SITE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.
 - ALL AREAS NOT COVERED BY PAVEMENT, SIDEWALK OR BUILDINGS ARE TO BE COVERED WITH FOUR (4) INCHES OF COMPACTED TOPSOIL.
 - AT THE END OF EACH WORK DAY, ALL ROADWAYS SHALL BE SWEEPED CLEAN AND ALL OPEN TRENCHES SHALL BE BACKFILLED AND THE PUBLIC PROTECTED FROM THE WORK AREA.
 - ALL TREES SHALL BE LIMBED TO 7 FEET AND SHRUBS SHALL HAVE A MATURE HEIGHT OF 30 INCHES WITHIN SIGHT TRIANGLES.
 - SUBBASE OUTLET DRAINS TO BE PROVIDED AT INLETS, WHERE DIRECTED BY TOWNSHIP ENGINEER.
 - NO TOPSOIL SHALL BE REMOVED FROM THE SITE.
 - THE OWNER OR HIS REPRESENTATIVE IS TO DESIGNATE AN INDIVIDUAL RESPONSIBLE FOR CONSTRUCTION SITE SAFETY DURING THE COURSE OF SITE IMPROVEMENTS PURSUANT TO N.J.A.C. 26:2.2 (1)(E) OF THE N.J. UNIFORM CONSTRUCTION CODE AND CFR 1926.501(F) (OSHA COMPETENT PERSON)

PROPOSED HOUSE OF WORSHIP PARKING LOT
FOR ISLAMIC CIRCLE MERCER COUNTY

330 & 336 LAWRENCE STATION ROAD
LOTS 13.01 & 15 BLOCK 4201
TOWNSHIP OF LAWRENCE
MERCER COUNTY, NEW JERSEY

OWNER/APPLICANT

ISLAMIC CIRCLE OF MERCER COUNTY
336 Lawrence Station Rd.
LAWRENCEVILLE, NJ 08648

REV. NO.	DESCRIPTION

PROJECT NO: IE2018000
DATE: 6-24-2020
DRAWN BY:
CHECKED BY:
REFERENCE:

DWG SET NUMBER 100100

SHEET TITLE

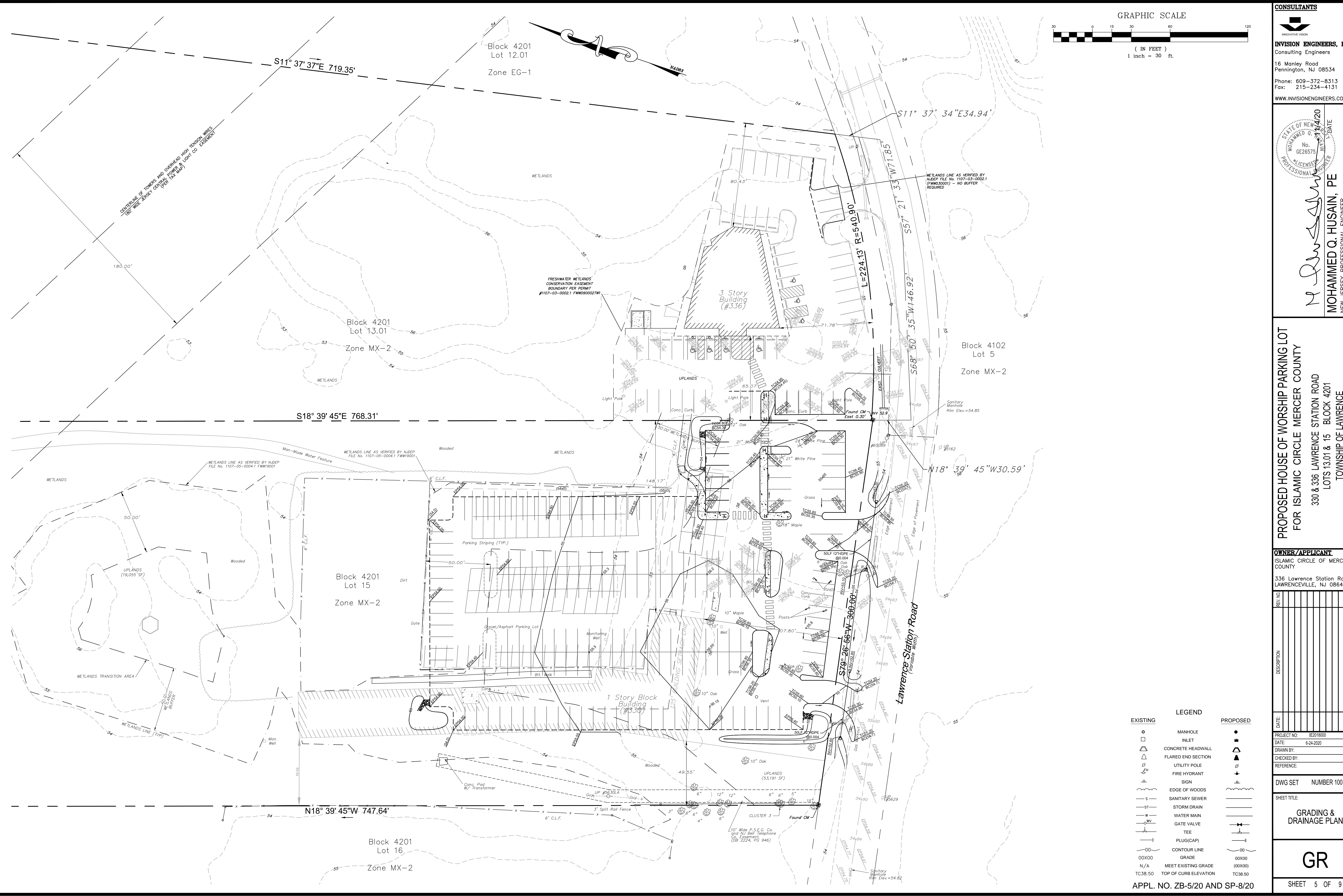
SITE PLAN

SP

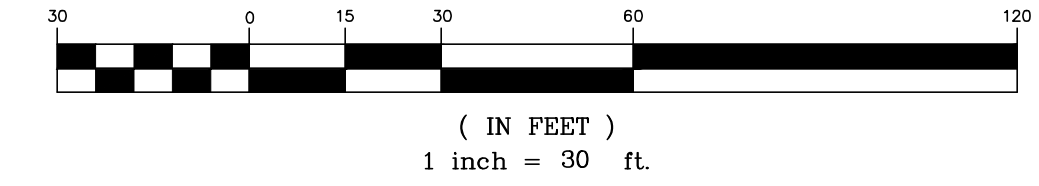
SHEET 4 OF 9

LEGEND	
EXISTING	PROPOSED
□	MANHOLE
○	INLET
△	CONCRETE HEADWALL
▽	FLARED END SECTION
○	UTILITY POLE
○	FIRE HYDRANT
○	SIGN
—	EDGE OF WOODS
—S—	SANITARY SEWER
—ST—	STORM DRAIN
—W—	WATER MAIN
—WV—	GATE VALVE
—T—	TEE
—P—	PLUG(CAP)
—00—	CONTOUR LINE
00X00	GRADE
N/A	MEET EXISTING GRADE
TC38.50	TOP OF CURB ELEVATION
	00X00
	(00X00)
	TC38.50

APPL. NO. ZB-5/20 AND SP-8/20

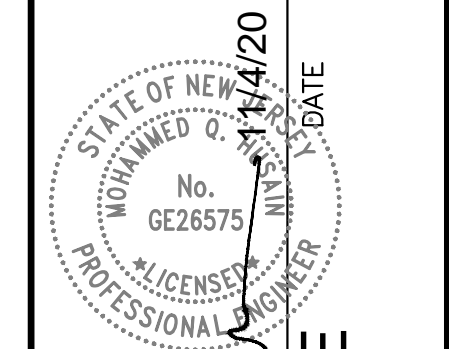


GRAPHIC SCALE



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INNOVATIVE VISION
INVISION ENGINEERS, P.C.
 Consulting Engineers
 16 Manley Road
 Pennington, NJ 08534
 Phone: 609-372-8313
 Fax: 215-234-4131
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M. Husain
MOHAMMED Q. HUSAIN, P.E.
 NEW JERSEY PROFESSIONAL ENGINEER
 LICENSE NO. 26575

PROPOSED HOUSE OF WORSHIP PARKING LOT
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 MERCER COUNTY, NEW JERSEY

OWNER/APPLICANT
 ISLAMIC CIRCLE OF MERCER COUNTY

336 Lawrence Station Rd.
 LAWRENCEVILLE, NJ 08648

EXISTING		LEGEND		PROPOSED	
	MANHOLE		MANHOLE		MANHOLE
	INLET		INLET		INLET
	CONCRETE HEADWALL		CONCRETE HEADWALL		CONCRETE HEADWALL
	FLARED END SECTION		FLARED END SECTION		FLARED END SECTION
	UTILITY POLE		UTILITY POLE		UTILITY POLE
	FIRE HYDRANT		FIRE HYDRANT		FIRE HYDRANT
	SIGN		SIGN		SIGN
	EDGE OF WOODS		EDGE OF WOODS		EDGE OF WOODS
	SANITARY SEWER		SANITARY SEWER		SANITARY SEWER
	STORM DRAIN		STORM DRAIN		STORM DRAIN
	WATER MAIN		WATER MAIN		WATER MAIN
	GATE VALVE		GATE VALVE		GATE VALVE
	TEE		TEE		TEE
	PLUG(CAP)		PLUG(CAP)		PLUG(CAP)
	CONTOUR LINE		CONTOUR LINE		CONTOUR LINE
	GRADE		GRADE		GRADE
	MEET EXISTING GRADE		MEET EXISTING GRADE		MEET EXISTING GRADE
	TOP OF CURB ELEVATION		TOP OF CURB ELEVATION		TOP OF CURB ELEVATION

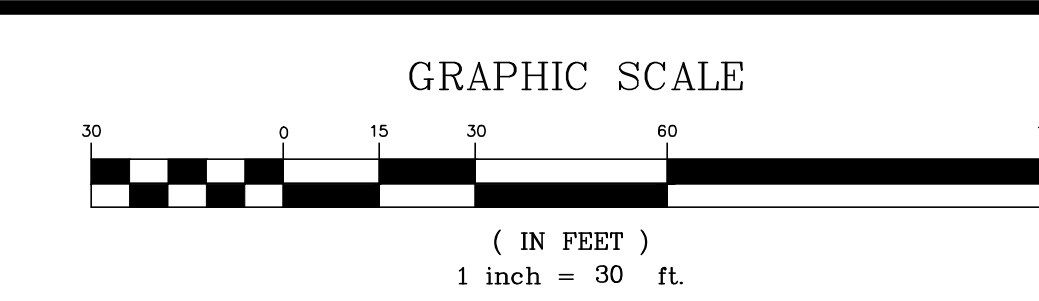
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DWG SET NUMBER 100100

SHEET TITLE
GRADING & DRAINAGE PLAN

GR

SHEET 5 OF 9



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INVISION ENGINEERS, P.C.
 Consulting Engineers
 16 Manley Road
 Pennington, NJ 08534
 Phone: 609-372-8313
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STATE OF NEW JERSEY
 No. GE26575
 MOHAMMED Q. HUSAIN, PE
 LICENSED PROFESSIONAL ENGINEER
 NEW JERSEY PROFESSIONAL ENGINEER
 LICENSE NO. 28375

PROPOSED HOUSE OF WORSHIP PARKING LOT
 FOR ISLAMIC CIRCLE MERCER COUNTY
 330 & 336 LAWRENCE STATION ROAD
 LOTS 13.01 & 15
 BLOCK 4201
 TOWNSHIP OF LAWRENCE
 MERCER COUNTY, NEW JERSEY

OWNER/APPLICANT
 ISLAMIC CIRCLE OF MERCER COUNTY
 336 Lawrence Station Rd.
 LAWRENCEVILLE, NJ 08648

REV. NO.	DESCRIPTION	DATE

PROJECT NO: IE2018000
 DATE: 6-24-2020
 DRAWN BY:
 CHECKED BY:
 REFERENCE:

DWG SET NUMBER 100100

SHEET TITLE:

LANDSCAPING PLAN

LS

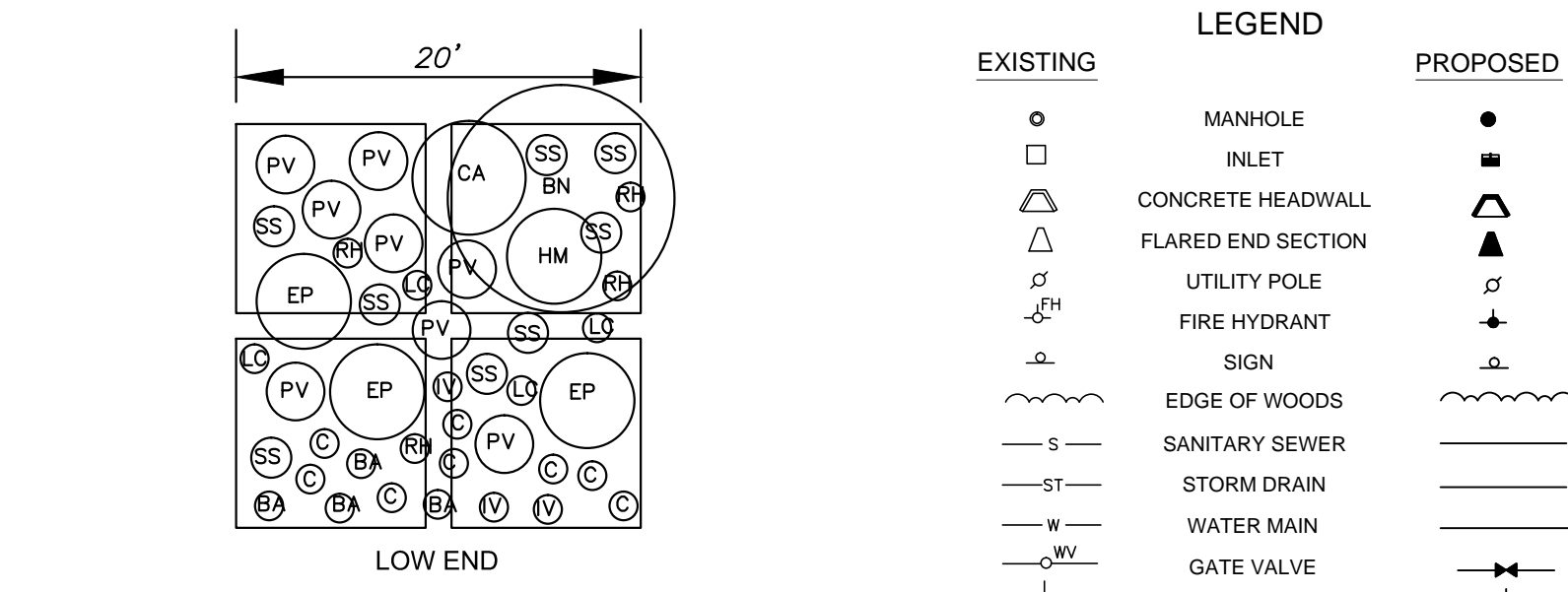
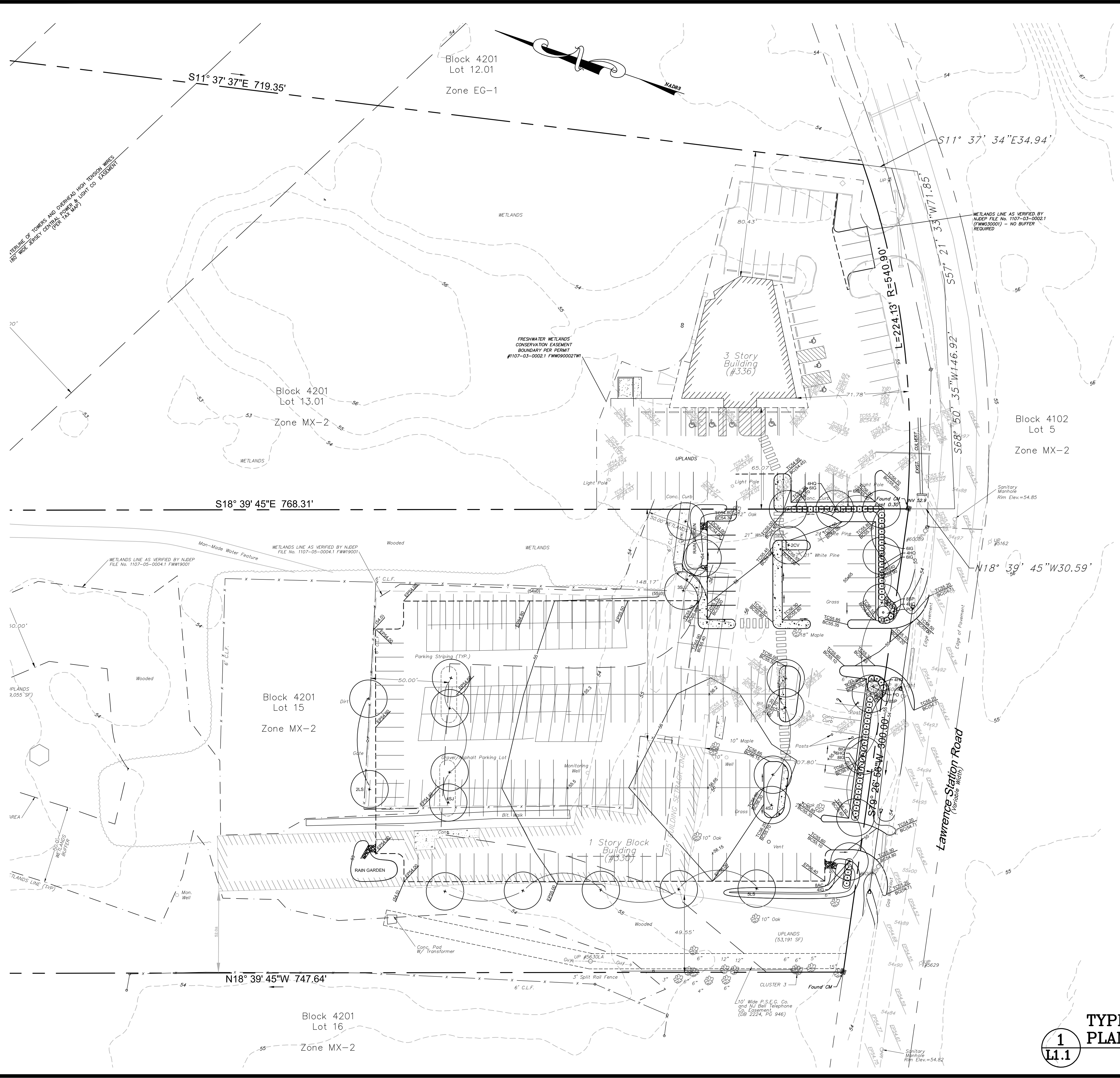
SHEET 6 OF 9

LANDSCAPE SCHEDULE

KEY	BOTANICAL NAME	COMMON NAME	QUANTITY	SIZE/ROOTS/MATURE SIZE
DECIDUOUS TREES				
AG	Acer campestre	HEDGE MAPLE	8	2 1/2-3" cal. 12-14ht. B&B
LS	Liquidambar styraciflua rotundiloba	SEEDLESS SWEETGUM	7	2 1/2-3" cal. 12-14ht. B&B
SJ	Sophora japonica	SOPHORA	11	3-3 1/2" cal. 13-15ht. B&B
CV	Crataegus viridis	HAWTHORN	2	3-3 1/2" cal. 13-15ht. B&B
SHRUBS				
IG	Ilex glabra 'Densa'	INKBERRY	44	24" HT., B&B
PO	Physocarpus opulifolius Coppertina	COPPERTINA NINEBARK	2	36" HT., B&B
HQ	Hydrangea quercifolia Snowflake	OAKLEAF HYDRANGEA	28	30" HT., B&B
SP	Spirea japonica Little Princess	LITTLE PRINCESS SPIREA	16	12-18" HT., B&B
MISCELLANEOUS				
W	Water Bags			SEE DETAIL

RAIN GARDEN PLANT LIST

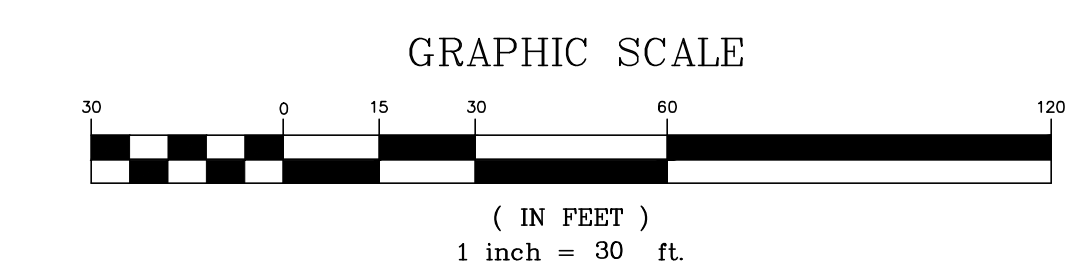
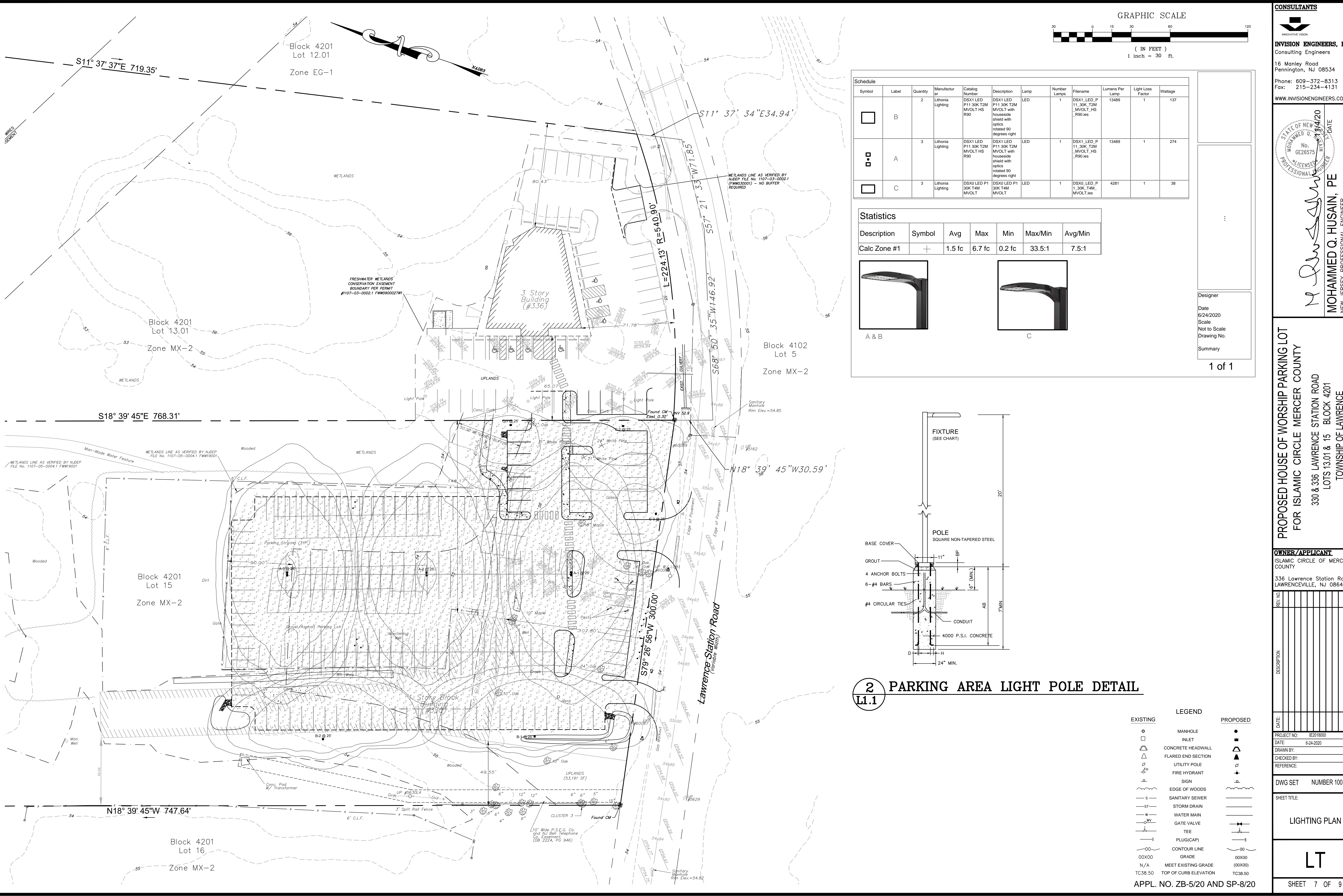
KEY	BOTANICAL NAME	COMMON NAME	QUANTITY
TREES			
	Betula nigra Dura Heat	RIVER BIRCH	4-5' HT., #15 CAN
SHRUBS			
CA	Clethra alnifolia	CLETHRA	#2 CAN
IG	Ilex glabra	INKBERRY	#2 CAN
GRASSES			
PV	Panicum virgatum	SWITCH GRASS	#1 CAN
SS	Schizachyrium scaparium	LITTLE BLUESTEM	QRT
SH	Sorobolus heterolopsis	PRAIRIE DROP SEED	QRT
C	Carex vulpinoidea	FOX SEDGE	QRT
FORBES			
EP	Eupatorium purpurea	JOE PYE WEED	QRT
HM	Hibiscus mosheutos	SWAMP ROSE MALLOW	QRT
BA	Baptisia australis	WILD INDIGO	QRT
LC	Lobelia cardinalis	CARDINAL FLOWER	LANDSCAPE PLUG
IV	Iris versicolor	BLUE FLAG	LANDSCAPE PLUG
RH	Rudbeckia hirta	BLACK EYED SUSAN	LANDSCAPE PLUG



**TYPICAL SECTION RAIN GARDEN
 PLANTINGS PER 400 SF**

1
 LI.1

APPL. NO. ZB-5/20 AND SP-8/20

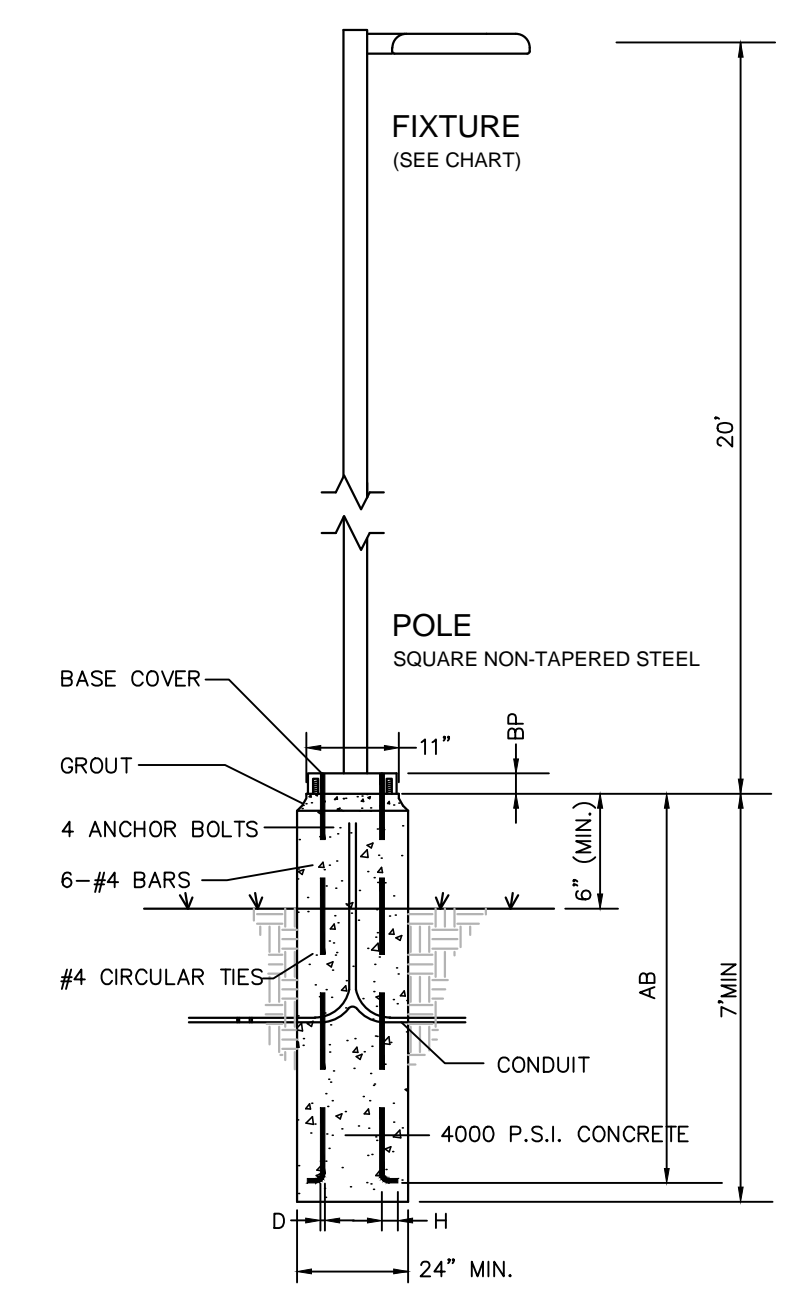


Symbol	Label	Quantity	Manufacturer	Catalog Number	Description	Lamp	Number Lamps	Filename	Lumens Per Lamp	Light Loss Factor	Wattage
□	B	2	Lithonia Lighting	DSX1 LED P11 30K T2M MVOLT HS R90	DSX1 LED P11 30K T2M MVOLT with housingside shield with optics rotated 90 degrees right	LED	1	DSX1_LED_P11_30K_T2M_MVOLT_HS_R90.ies	13489	1	137
□	A	3	Lithonia Lighting	DSX1 LED P11 30K T2M MVOLT HS R90	DSX1 LED P11 30K T2M MVOLT with housingside shield with optics rotated 90 degrees right	LED	1	DSX1_LED_P11_30K_T2M_MVOLT_HS_R90.ies	13489	1	274
□	C	3	Lithonia Lighting	DSX0 LED P1 30K T4M MVOLT	DSX0 LED P1 30K T4M MVOLT	LED	1	DSX0_LED_P1_30K_T4M_MVOLT.ies	4281	1	38

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Calc Zone #1	+	1.5 fc	6.7 fc	0.2 fc	33.5:1	7.5:1



Designer
Date: 6/24/2020
Scale: Not to Scale
Drawing No.:
Summary:
1 of 1



LEGEND	
EXISTING	PROPOSED
○	MANHOLE
◻	INLET
▴	CONCRETE HEADWALL
▾	FLARED END SECTION
□	UTILITY POLE
○	FIRE HYDRANT
+	SIGN
~	EDGE OF WOODS
-S-	SANITARY SEWER
-ST-	STORM DRAIN
-W-	WATER MAIN
-WV-	GATE VALVE
+	TEE
+	PLUG(CAP)
00	CONTOUR LINE
00X00	GRADE
N/A	MEET EXISTING GRADE
TC38.50	TOP OF CURB ELEVATION
00X00	GRADE
00X00	MEET EXISTING GRADE
TC38.50	TOP OF CURB ELEVATION

CONSULTANTS
INNOVATIVE VISION
INVISION ENGINEERS, P.C.
Consulting Engineers
16 Manly Road
Pennington, NJ 08534
Phone: 609-372-8313
Fax: 215-234-4131
WWW.INVISIONENGINEERS.COM

STATE OF NEW JERSEY
EXPIRES 06/30/2020
No. GE26575
MILICENSA
PROFESSIONAL ENGINEER

MOHAMMED Q. HUSAIN, PE
NEW JERSEY PROFESSIONAL ENGINEER
LICENSED NO. 28975

PROPOSED HOUSE OF WORSHIP PARKING LOT
FOR ISLAMIC CIRCLE MERCER COUNTY
330 & 336 LAWRENCE STATION ROAD
LOTS 13.01 & 15 BLOCK 4201
TOWNSHIP OF LAWRENCE
MERCER COUNTY, NEW JERSEY

OWNER/APPLICANT
ISLAMIC CIRCLE OF MERCER COUNTY
336 Lawrence Station Rd.
LAWRENCEVILLE, NJ 08648

REV. NO.	DESCRIPTION

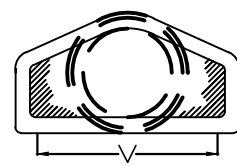
PROJECT NO: IE2018000
DATE: 6-24-2020
DRAWN BY:
CHECKED BY:
REFERENCE:

DWG SET NUMBER 100100
SHEET TITLE:
LIGHTING PLAN
LT
SHEET 7 OF 9

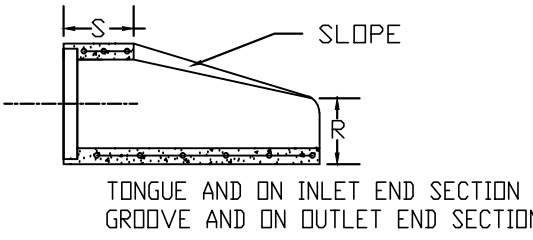
I.D.	12	15	18	21	24	27	30	36	42	48	54	60
A	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	6 1/2	7	7 1/2
R	5	7 1/2	9	10	10 1/2	11 1/2	12 1/2	14	14 1/2	15 1/2	16 1/2	17 1/2
S	24	24	24	24	24	26	26	26	26	26	26	26
T	24	24	24	24	24	30	30	30	30	30	30	30
U	4	4	4	4	4	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2
V	24	28	34	40	48	54	60	72	78	84	90	96
W	17 1/2	360	400	640	960	980	1200	1340	1500	1550	1600	1800
X	24	24	24	24	24	24	24	24	24	24	24	24

NOTE: ALL NUMBERS REPRESENT INCHES UNLESS OTHERWISE SPECIFIED. MINOR VARIATIONS TO THE ABOVE DIMENSIONS ARE ACCEPTABLE WITH THE EXCEPTION OF THE INSIDE DIAMETER DIMENSION.

TOP VIEW

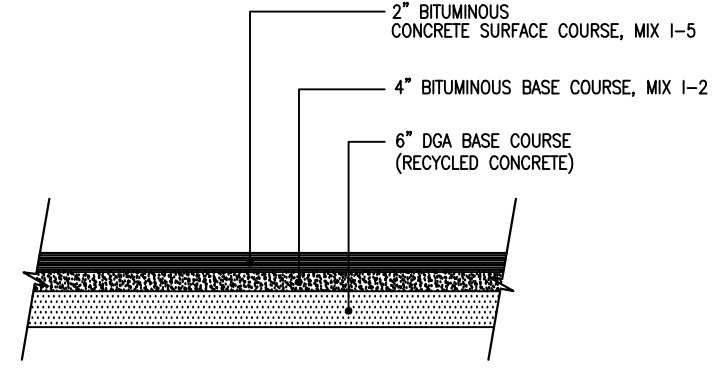


END VIEW

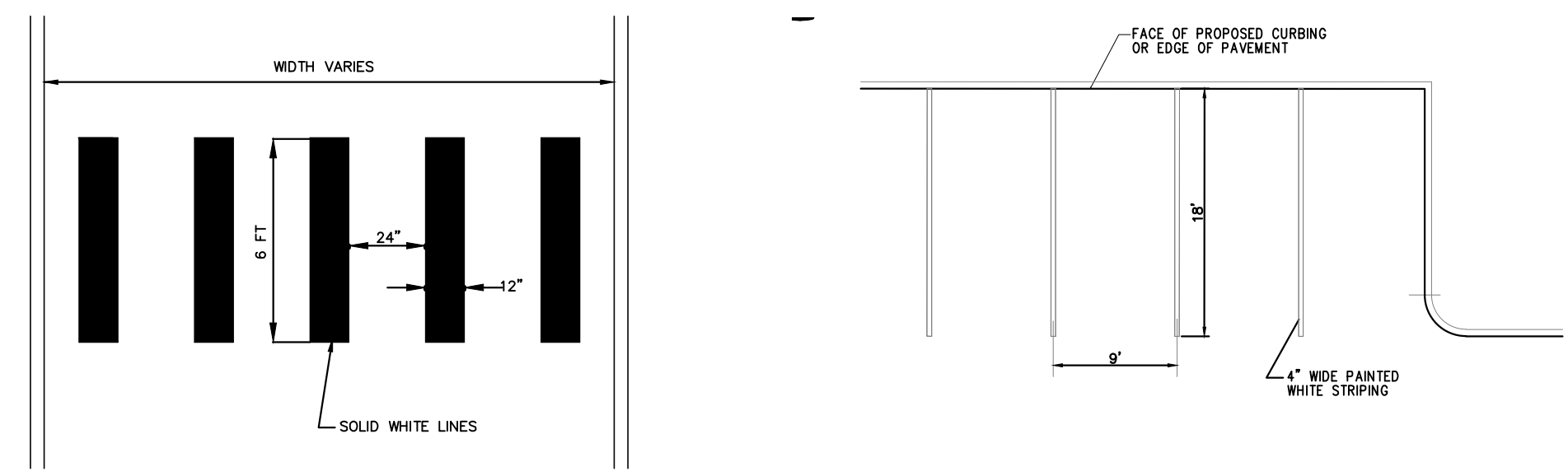


SECTION

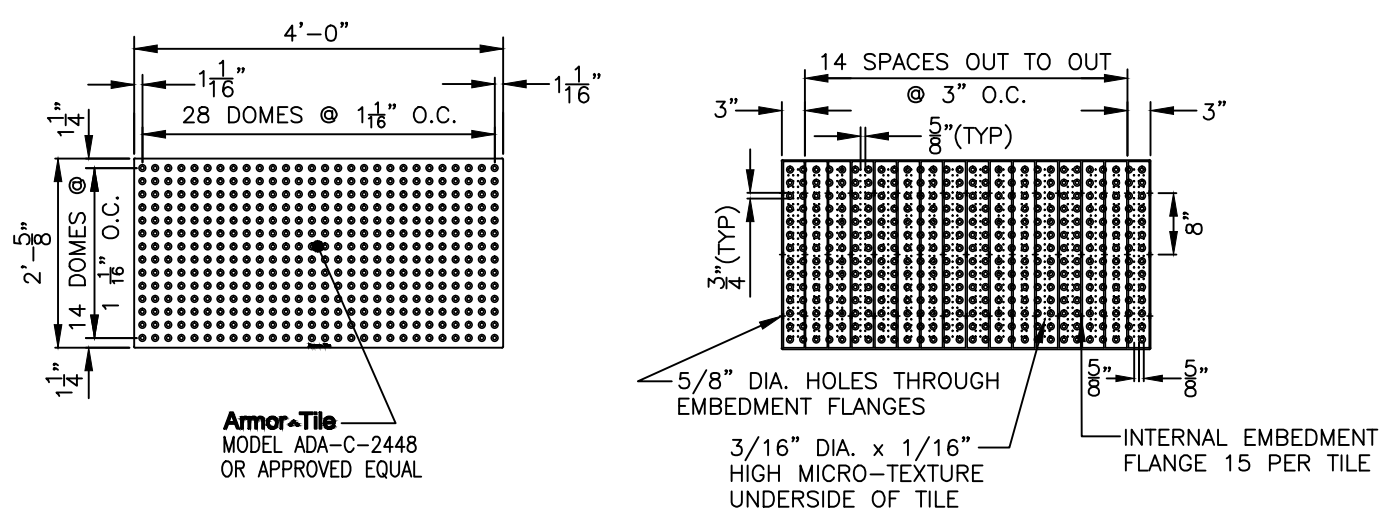
3 TYPICAL PAVEMENT SECTION
C2.1



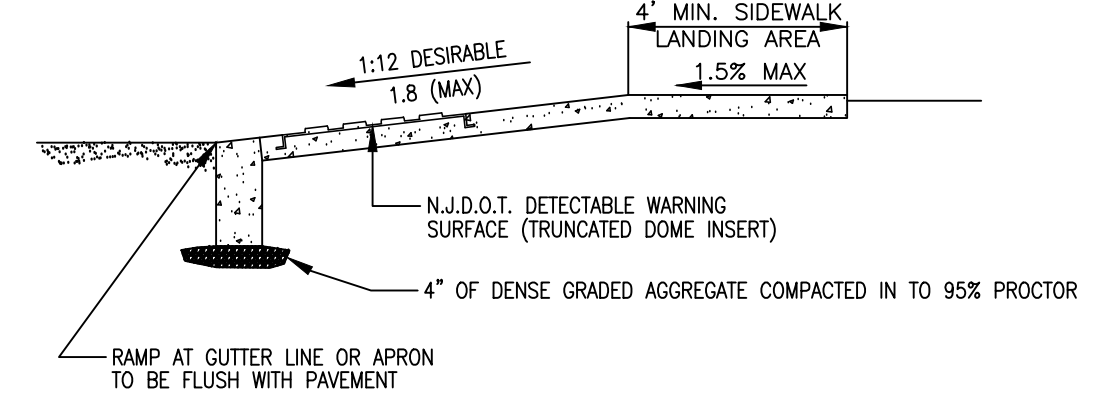
1 CROSSWALK/STRIPING DETAILS
C2.1



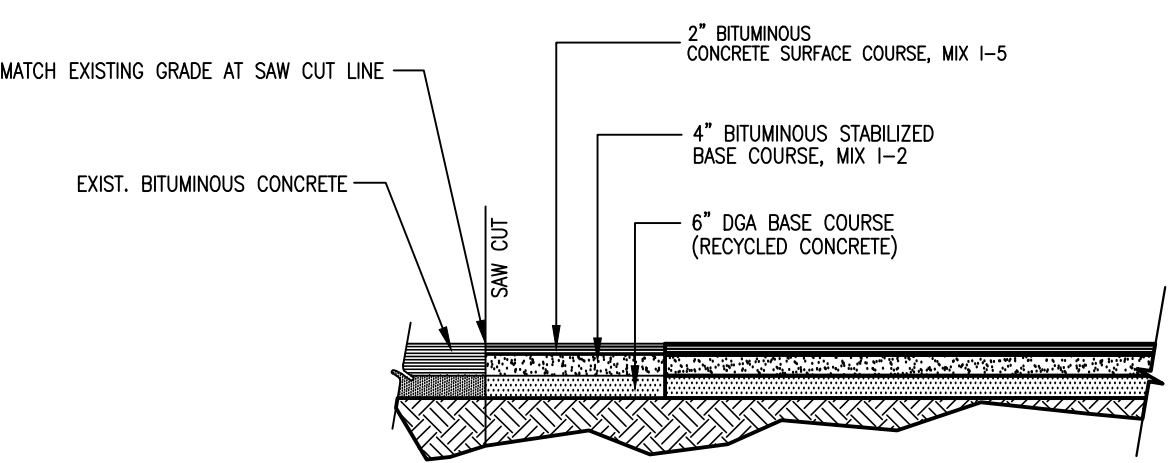
2 FLARED END SECTION
C3.3



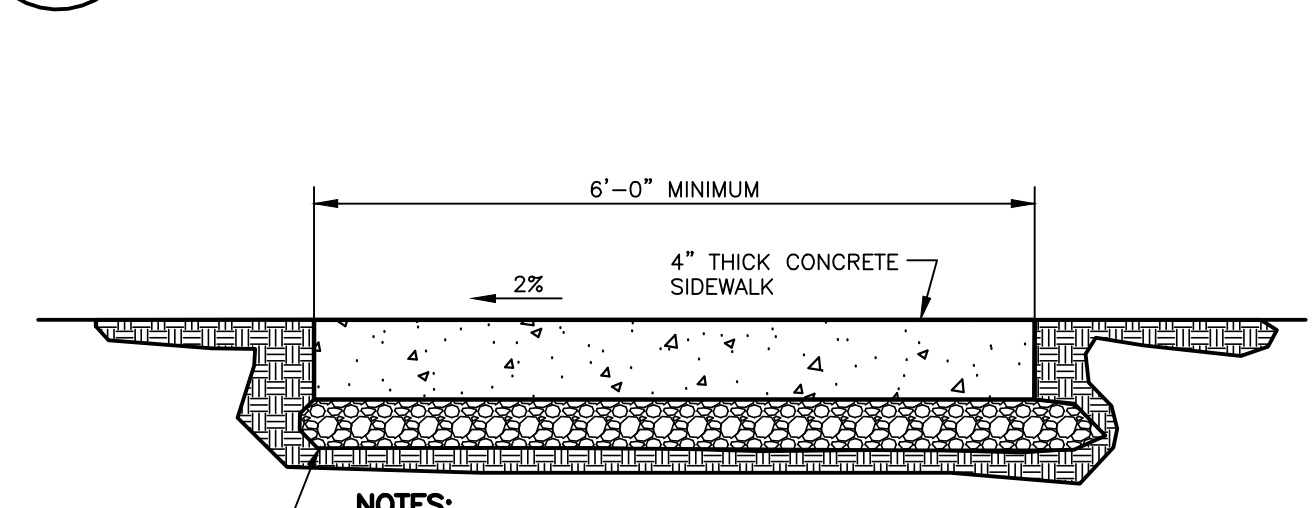
PLAN REFLECTED PLAN



5 SECTION THROUGH H/C RAMP
C1.3



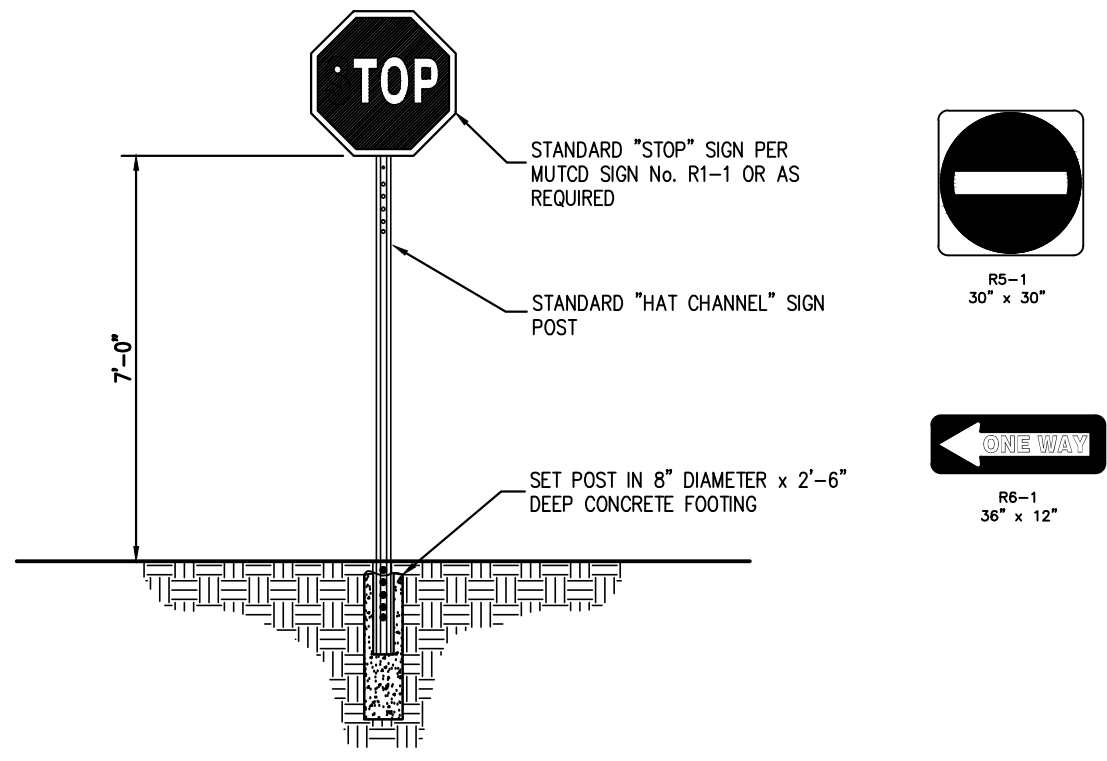
9 PAVEMENT RESTORATION DETAIL
C1.3



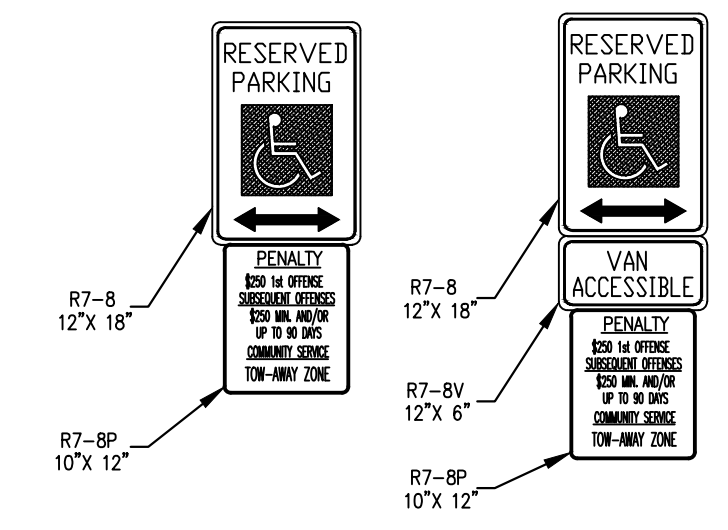
- NOTES:**
- SIDEWALKS SHALL BE 4" THICK AND BE CONSTRUCTED CLASS "B" CONCRETE AS PER N.J.S.H.D. STANDARD SPECIFICATIONS.
 - TRANSVERSE EXPANSION JOINTS, 1/2" WIDE, SHALL BE MINIMUM OF 20' O.C.
 - LONGITUDINAL JOINTS, 1/4" WIDE SHALL BE PROVIDED BETWEEN CURBS AND ABUTTING SIDEWALKS WITH PREFORMED BITUM JOINT FILLER.
 - TRANSVERSE SURFACE GROOVES SHALL BE CUT EVERY 4'-0"
 - SIDEWALK SHALL HAVE A BROOM FINISH. (SEE CONCRETE FINISH DETAIL)

10 CONCRETE SIDEWALK FINISHING DETAIL
C1.3

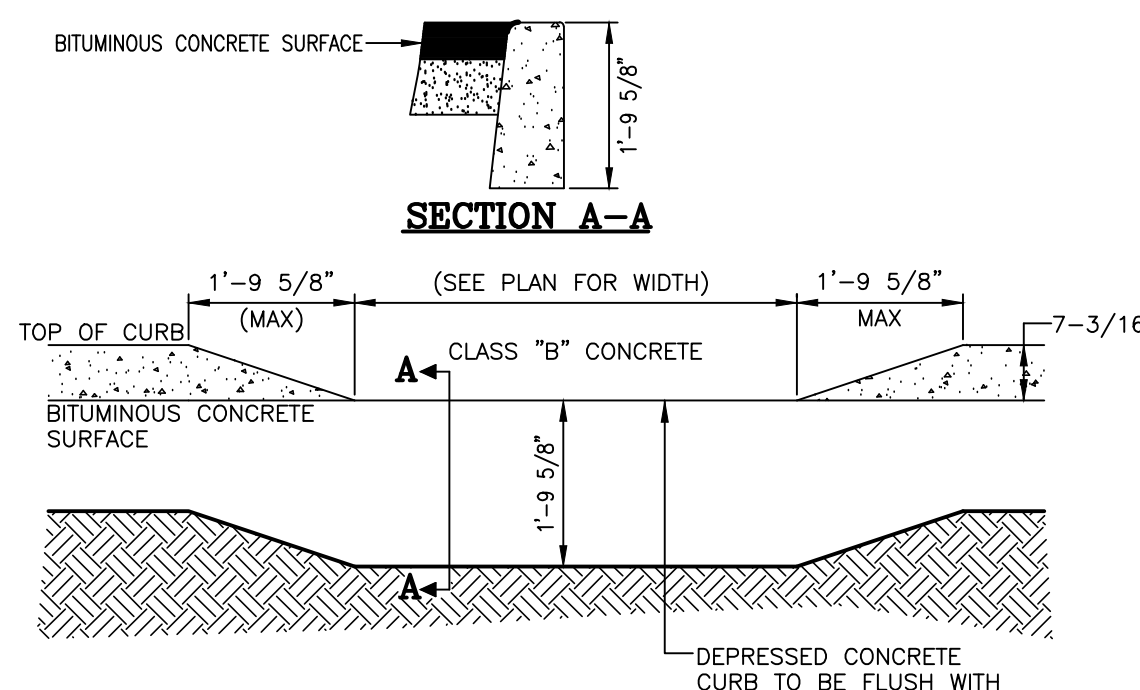
4 DIRECTIONAL SIGN DETAILS
C2.1



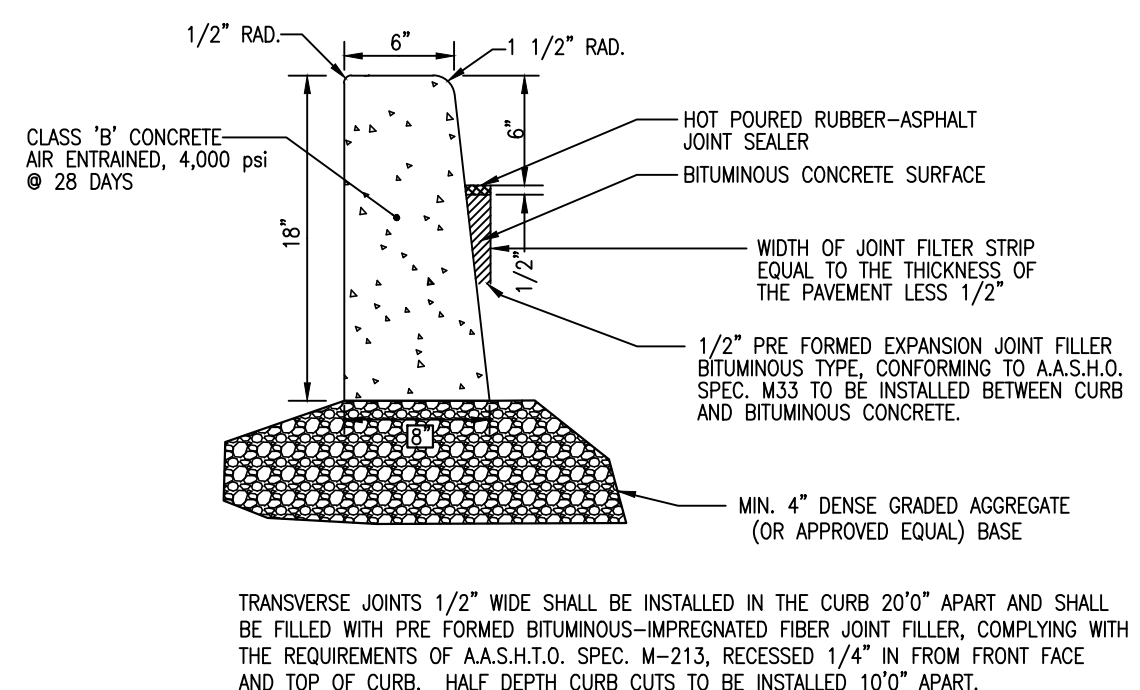
4 HANDICAP SIGN (WALL MOUNT)
C2.1



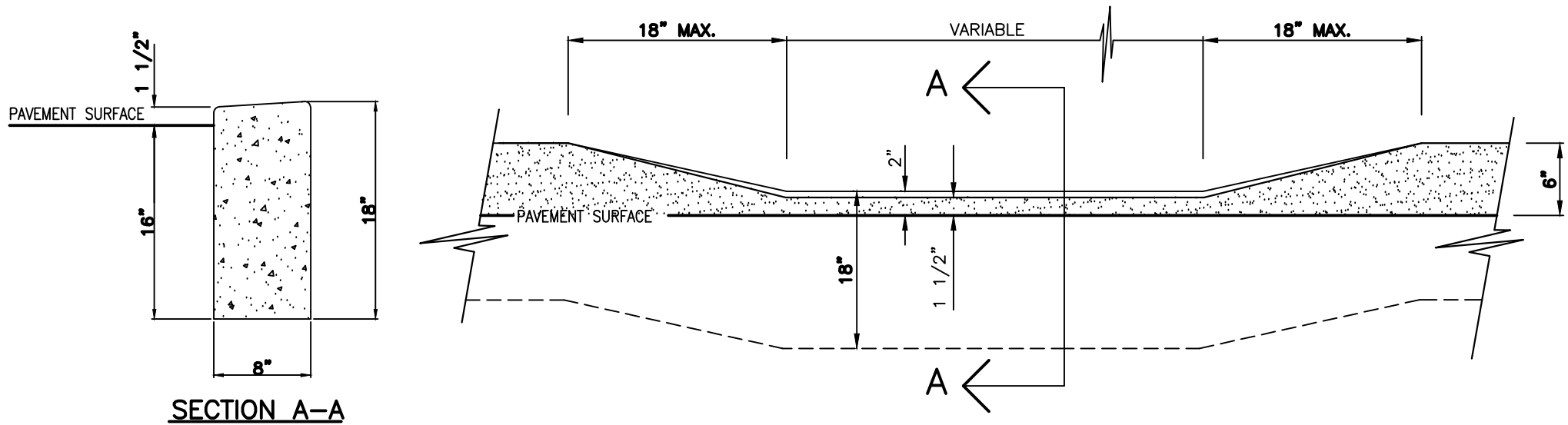
6 FLUSH DEPRESSED CURB
C1.3



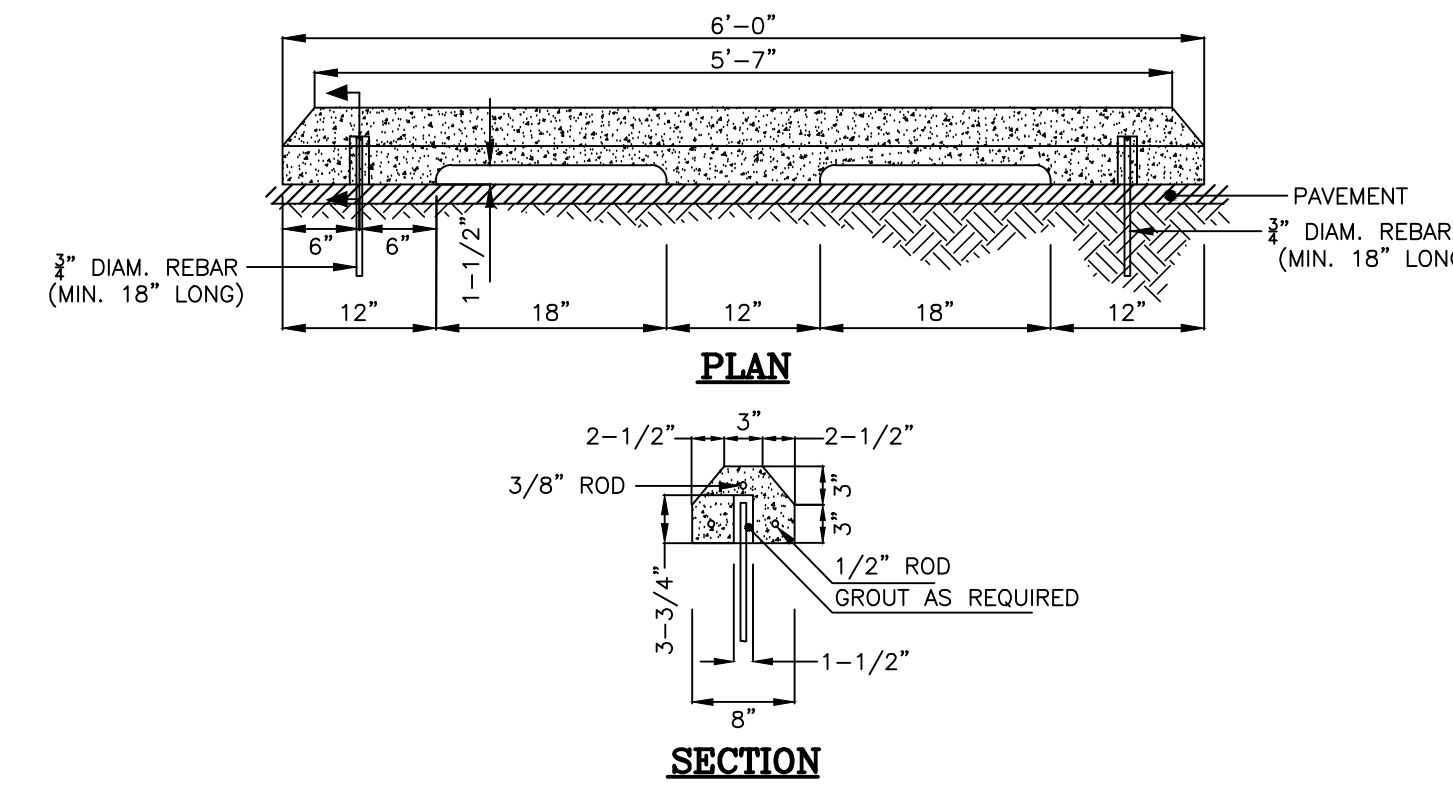
7 6" X 18" CONCRETE CURB
C1.3



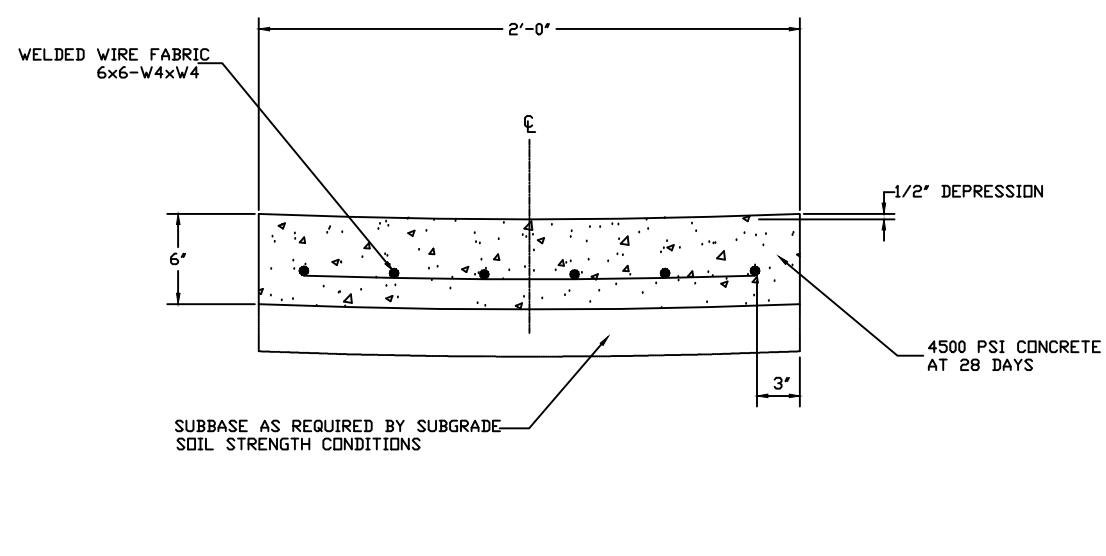
8 DEPRESSED CURB (1 1/2" REVEAL)
C1.3



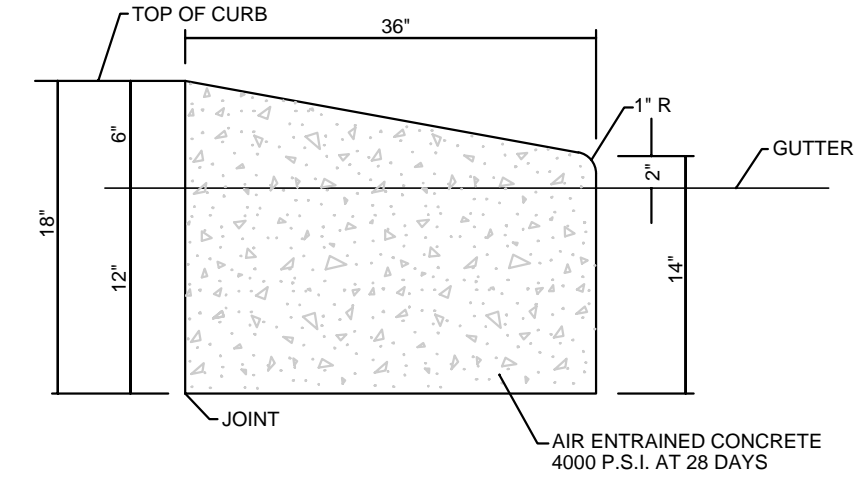
11 CONCRETE PARKING BUMPER
C1.3



12 2'W CONCRETE CHANNEL
C1.3



13 END CURB TAPER
C1.3



CONSULTANTS
INVISION ENGINEERS, P.C.
Consulting Engineers
16 Manley Road
Pennington, NJ 08534
Phone: 609-372-8313
Fax: 215-234-4131
WWW.INVISIONENGINEERS.COM

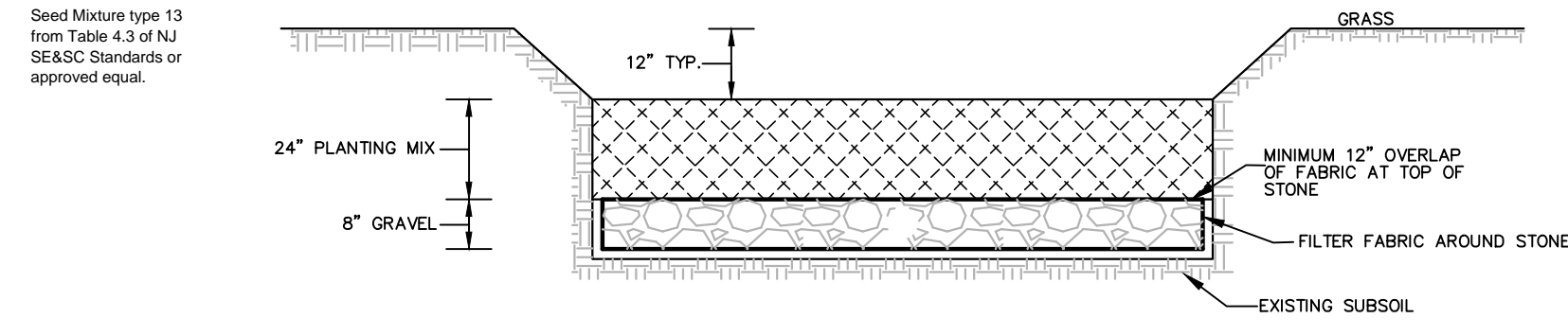
STATE OF NEW JERSEY
LICENSED PROFESSIONAL ENGINEER
No. GE26575
DATE 1/17/20
MOHAMMED Q. HUSAIN, PE
NEW JERSEY PROFESSIONAL ENGINEER
LICENSED NO. 26575

PROPOSED HOUSE OF WORSHIP PARKING LOT FOR ISLAMIC CIRCLE MERCER COUNTY
336 LAWRENCE STATION ROAD
LOTS 13.01 & 15 BLOCK 4201
TOWNSHIP OF LAWRENCE
MERCER COUNTY, NEW JERSEY

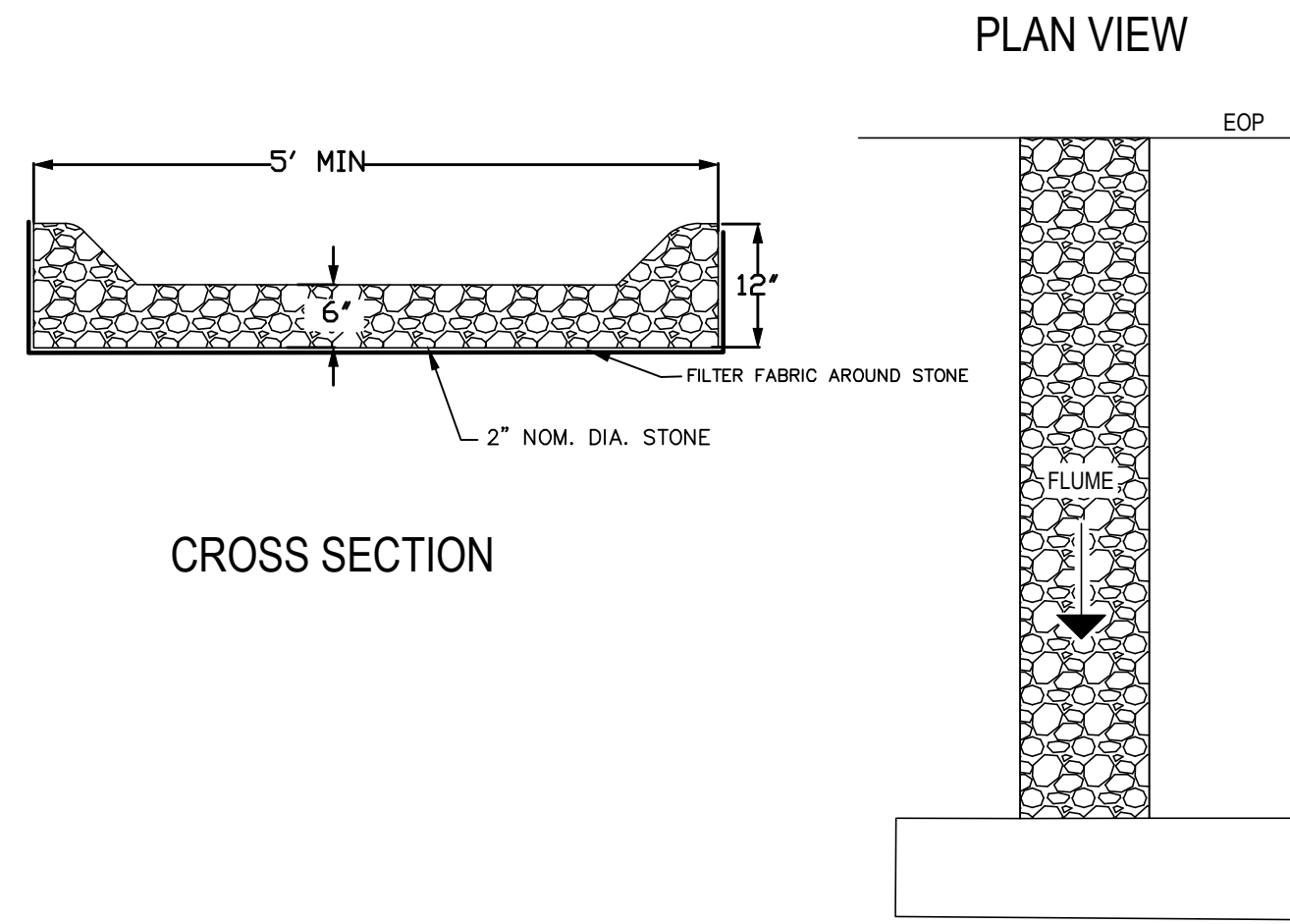
OWNER/APPLICANT
ISLAMIC CIRCLE OF MERCER COUNTY
336 Lawrence Station Rd.
LAWRENCEVILLE, NJ 08648

REV. NO.	
DESCRIPTION	
DATE	
PROJECT NO.	IE2019000
DATE	6-24-2020
DRAWN BY:	
CHECKED BY:	
REFERENCE:	
DWG SET	NUMBER 100100
SHEET TITLE:	CONSTRUCTION DETAILS

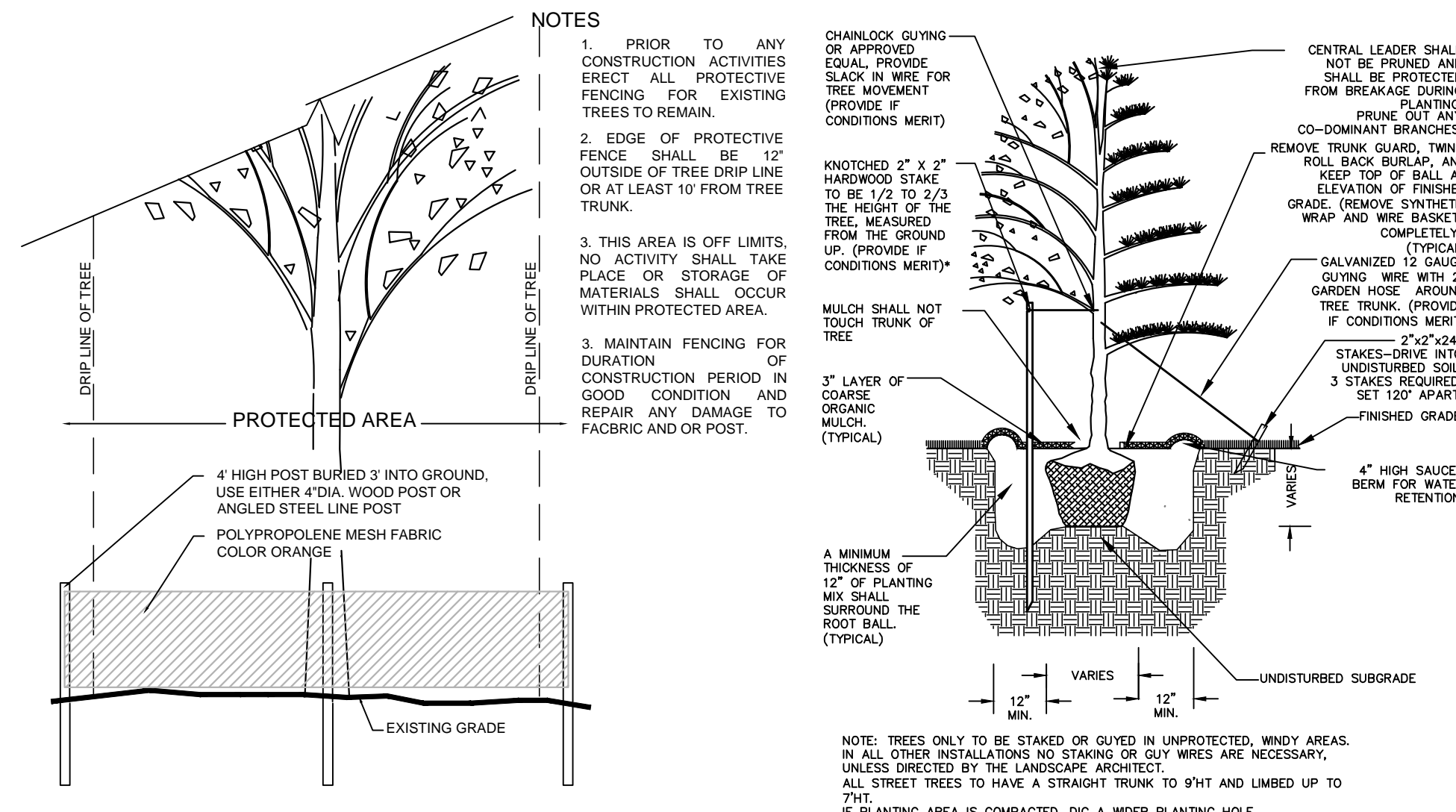
SEED MIXTURE	LBS./ACRE	LBS./S.F.	MAINTENANCE LEVEL
Hard fescue and/or chewing fescue and/or Strong creeping red fescue	175	4	A-C
Perennial ryegrass	45	1	Note: General lawn/recreation
Ky. bluegrass (blend)	45	1	



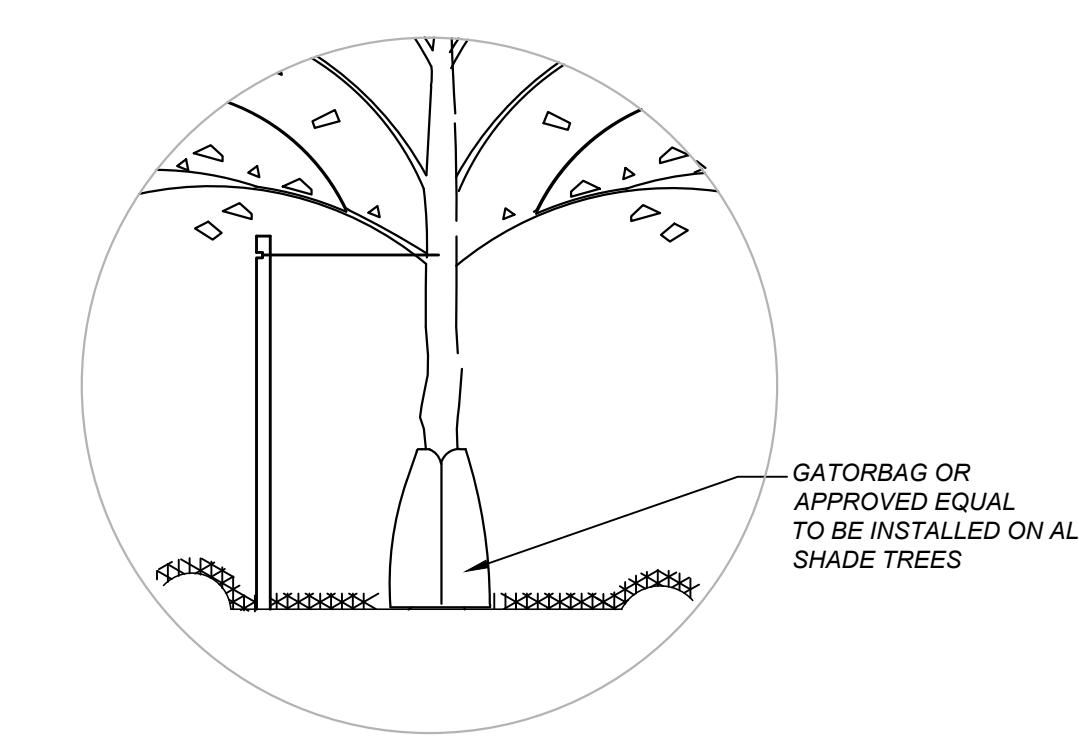
15 C2.1 TYPICAL SECTION RAIN GARDEN



16 C2.1 STONE FLUME



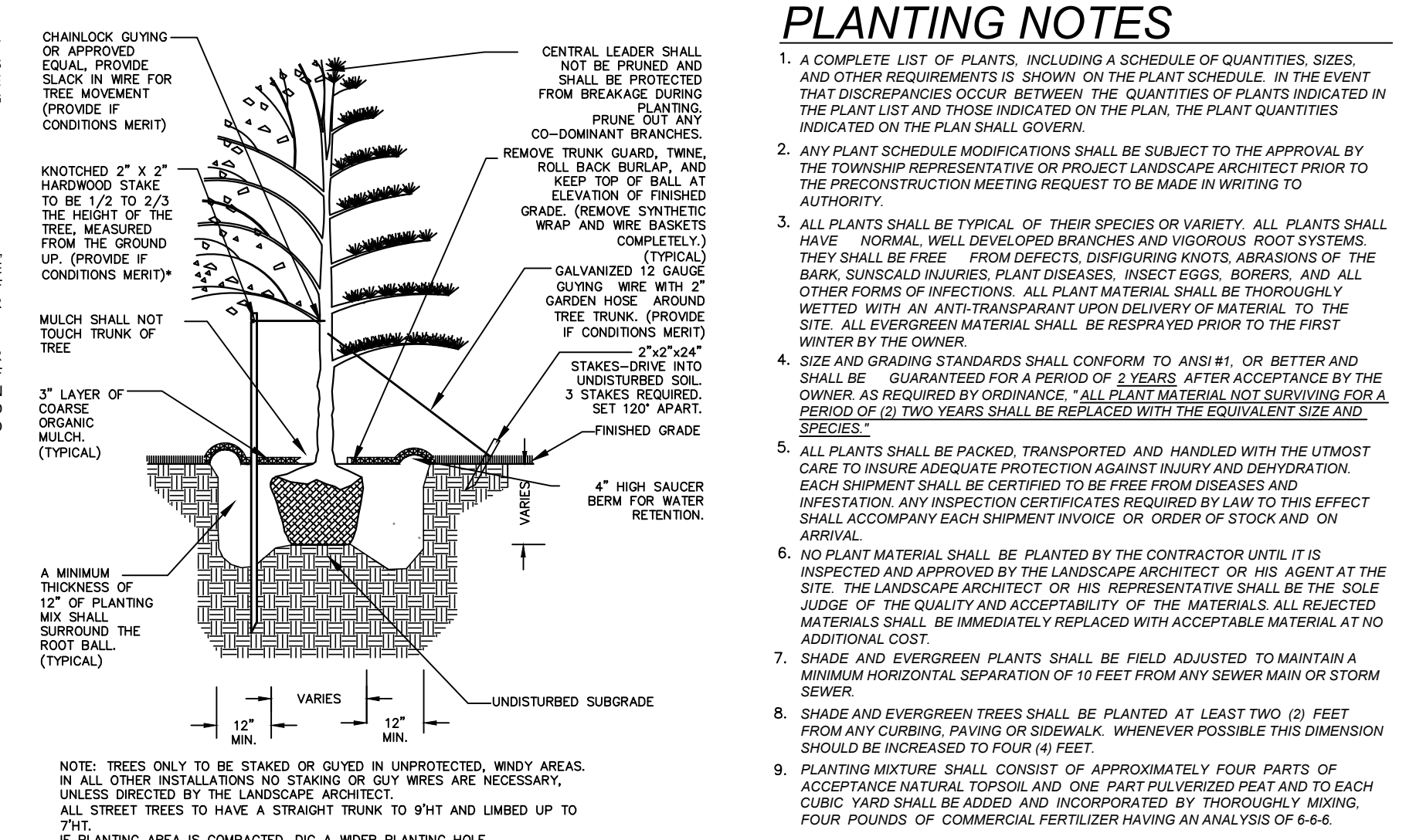
TREE PROTECTION FENCE DETAIL N.T.S.



SHADE AND EVERGREEN TREE PLANTING DETAIL N.T.S.

- NOTES:**
- SINGLE BAG HOLDS APPROX. 20 GALLONS, SINGLE BAG FITS 1-4\"/>

WATERING BAG DETAIL N.T.S.



SHRUB / GRASS PLANTING DETAIL N.T.S.

PLANTING NOTES

- A COMPLETE LIST OF PLANTS, INCLUDING A SCHEDULE OF QUANTITIES, SIZES, AND OTHER REQUIREMENTS IS SHOWN ON THE PLANT SCHEDULE. IN THE EVENT THAT DISCREPANCIES OCCUR BETWEEN THE QUANTITIES OF PLANTS INDICATED IN THE PLANT LIST AND THOSE INDICATED ON THE PLAN, THE PLANT QUANTITIES INDICATED ON THE PLAN SHALL GOVERN.
- ANY PLANT SCHEDULE MODIFICATIONS SHALL BE SUBJECT TO THE APPROVAL BY THE TOWNSHIP REPRESENTATIVE OR PROJECT LANDSCAPE ARCHITECT PRIOR TO THE PRECONSTRUCTION MEETING. REQUEST TO BE MADE IN WRITING TO AUTHORITY.
- PLANTS SHALL BE TYPICAL OF THEIR SPECIES OR VARIETY. ALL PLANTS SHALL HAVE NORMAL WELL DEVELOPED BRANCHES AND VIGOROUS ROOT SYSTEMS. THEY SHALL BE FREE FROM DEFECTS, DISFIGURING KNOTS, ABRASIONS OF THE BARK, SUNSCALD, INJURES, PLANT DISEASES, INSECT EGG MASS, BORERS, AND ALL OTHER FORMS OF INFESTATIONS. ALL PLANT MATERIAL SHALL BE THOROUGHLY WETTED WITH AN AQUEOUS TRANSPARENT LIME SOLUTION PRIOR TO DELIVERY TO THE SITE. ALL EVERGREEN MATERIAL SHALL BE RESPIRATED PRIOR TO THE FIRST WINTER BY THE OWNER.
- SIZE AND GRADING STANDARDS SHALL CONFORM TO ANSI #1, OR BETTER AND SHALL BE GUARANTEED FOR A PERIOD OF 2 YEARS AFTER ACCEPTANCE BY THE OWNER AS REQUIRED BY ORDINANCE. ALL PLANT MATERIAL, NOT SURVIVING FOR A PERIOD OF (2) TWO YEARS SHALL BE REPLACED WITH THE EQUIVALENT SIZE AND SPECIES.
- ALL PLANTS SHALL BE PACKED, TRANSPORTED AND HANDLED WITH THE UTMOST CARE TO INSURE ADEQUATE PROTECTION AGAINST INJURY AND DEFORMATION. EACH SHIPMENT SHALL BE CERTIFIED TO BE FREE FROM DISEASES AND INFESTATION. ANY INSPECTION CERTIFICATES REQUIRED BY LAW TO THIS EFFECT SHALL ACCOMPANY EACH SHIPMENT INVOICE OR ORDER OF STOCK AND ON ARRIVAL.
- NO PLANT MATERIAL SHALL BE PLANTED BY THE CONTRACTOR UNTIL IT IS INSPECTED AND APPROVED BY THE LANDSCAPE ARCHITECT OR HIS AGENT AT THE SITE. THE LANDSCAPE ARCHITECT OR HIS REPRESENTATIVE SHALL BE THE SOLE JUDGE OF THE QUALITY AND ACCEPTABILITY OF THE MATERIALS. ALL REJECTED MATERIALS SHALL BE IMMEDIATELY REPLACED WITH ACCEPTABLE MATERIAL AT NO ADDITIONAL COST.
- SHADE AND EVERGREEN PLANTS SHALL BE FIELD ADJUSTED TO MAINTAIN A MINIMUM HORIZONTAL SEPARATION OF 10 FEET FROM ANY SEWER MAIN OR STORM SEWER.
- SHADE AND EVERGREEN TREES SHALL BE PLANTED AT LEAST TWO (2) FEET FROM ANY CURBING, PAVING OR SIDEWALK. WHENEVER POSSIBLE THIS DIMENSION SHOULD BE INCREASED TO FOUR (4) FEET.
- PLANTING MIXTURE SHALL CONSIST OF APPROXIMATELY FOUR PARTS OF ACCEPTANCE NATURAL TOPSOIL, AND ONE PART PULVERIZED PEAT AND TO EACH CUBIC YARD SHALL BE ADDED AND INCORPORATED BY THOROUGHLY MIXING, FOUR POUNDS OF COMMERCIAL FERTILIZER HAVING AN ANALYSIS OF 8-6.
- PEAT MOSS FOR PLANTING MEDIUM SHALL BE IMPORTED CANADIAN SPHAGNUM PEAT MOSS, BROWN, LOW IN CONTENT OF WOODY MATERIAL AND BE FREE OF MINERAL CONTENT HARMFUL TO PLANT LIFE.
- CONTRACTOR SHALL SCALE PLANT LOCATIONS FROM PLANS AND STAKE LOCATIONS ON SITE FOR APPROVAL BY THE LANDSCAPE ARCHITECT OR HIS AGENT.
- ALL SEEDING AREAS THAT DO NOT SHOW A PROMPT UNIFORM GERMINATION SHALL BE RESEED BY THE LANDSCAPE CONTRACTOR AT INTERVALS OF 45-60 DAYS, UNTIL A GOOD GROWTH IS ESTABLISHED OVER THE ENTIRE LAWN AREA.
- ALL PLANT BEDS SHALL BE MULCHED WITH THREE (3) INCHES OF SHREDED HARDWOOD MULCH OR OTHER MATERIAL, APPROVED BY THE LANDSCAPE ARCHITECT. THE LIMIT OF THIS MULCH FOR TREES SHALL BE THE AREA OF THE PIT AND FOR SHRUBS AND BEDS, THE ENTIRE SHRUB OR BED AREAS AS INDICATED ON THE PLAN. DO NOT CREATE MULCH PYRAMIDS. SEE PLANTING DETAIL FOR MULCH APPLICATION.
- ALL PLANTING BEDS SHALL BE ROTOTILLED TO A DEPTH OF TEN (10) INCHES PRIOR TO ANY PLANTING. ALL STONES, WIRE, CONCRETE AND UNSUITABLE MATERIALS SHALL BE REMOVED.
- PLANTING BEDS SHALL BE THOROUGHLY EXCAVATED, AND BACKFILLED WITH THE PLANT MIXTURE DESCRIBED IN 9 ABOVE. ALL PAVEMENT SUBBASE AND UNSUITABLE MATERIAL SHALL BE REMOVED FROM THE ISLAND PLANTING BEDS UNTIL VIRGIN SOIL IS REACHED.
- IT IS UNDERSTOOD THAT THE OWNER SHALL ASSUME RESPONSIBILITY FOR WATERING ALL PLANT MATERIAL AND LAWN AREAS BEYOND THE GUARANTEE PERIOD COMMENCING WITH THE DATE OF INITIAL ACCEPTANCE.
- THE CONTRACTOR SHALL BECOME RESPONSIBLE FOR VERIFYING LOCATIONS OF ALL EXISTING UTILITIES. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES BEFORE EXCAVATING.
- ANY AND ALL IRRIGATION SYSTEMS SHALL CONTAIN A RAIN SENSOR. IT IS RECOMMENDED THAT IF PLANTING BEDS ARE IRRIGATED, DRIP IRRIGATION IS PREFERRED.
- ALL EVERGREEN TREES SHALL BE CONICAL IN SHAPE UNLESS OTHERWISE NOTED. CONICAL SHALL MEAN THE PLANT SHALL HAVE A WIDER BASE (5/8 RATIO) AT A MINIMUM AND TAPER TO THE TOP. PLANT LEADER SHALL BE NO LONGER THAN 12 INCHES. CONICAL SHALL ALSO IMPLY A FULL SHAPE FROM THE BOTTOM OF PLANT (6-12\"/>

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Consulting Engineers

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www.invisionengineers.com

PROFESSIONAL ENGINEER
MOHAMMED Q. HUSAIN, PE
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LICENSED NO. 26575

PROPOSED HOUSE OF WORSHIP PARKING LOT FOR ISLAMIC CIRCLE MERCER COUNTY

OWNER/APPLICANT:
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REV. NO.	DATE	DESCRIPTION

PROJECT NO: IE2018000
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DRAWN BY:
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REFERENCE:

DWG SET NUMBER 100100

SHEET TITLE:
CONSTRUCTION DETAILS

CD-2
SHEET 9 OF 9

14 C2.1 PLANTING DETAILS