

MINOR SITE PLAN - PROPOSED ARCHWAY (SIGN VARIANCE)

FOR

JAIN CENTER OF NEW JERSEY

BLOCK 468.07 · LOT 45

FRANKLIN TOWNSHIP

SOMERSET COUNTY · NEW JERSEY

CERTIFIED LIST OF PROPERTY OWNERS

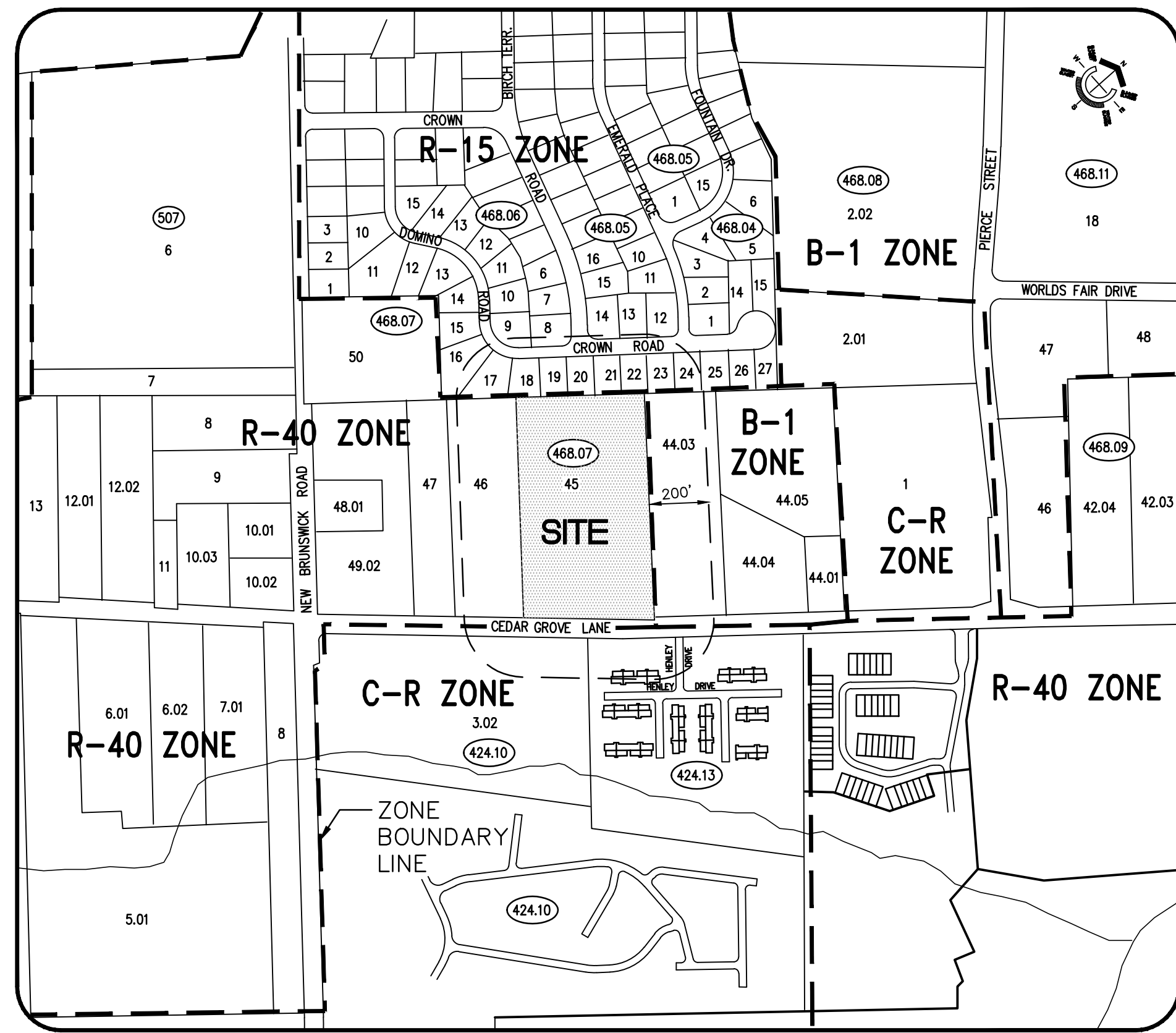
BLOCK	LOT	OWNERS NAME & ADDRESS
424.10	302	CEGROVE ASSOCIATES LLC % CRYSTAL YAN 358 5TH AVE-SUITE 1405 NEW YORK, NY 10001
424.13	301	COUNTRY CLUB HOMES 515 PLAINFIELD AVE., ST. 202 EDISON, NJ 08817
424.13	301 C0111	KHIANI, ANOOP P. & PAYAL L. 11 GORMAN COURT HILLSBOROUGH, NJ 08844
424.13	301 C0108	PARLAPANIDES, ELENI 108 HENLEY DRIVE SOMERSET, NJ 08873
424.13	301 C0105	REDA, MARISOL 105 HENLEY DRIVE SOMERSET, NJ 08873
424.13	301 C0112	KAKA, MOHAMED 112 HENLEY DRIVE SOMERSET, NJ 08873
424.13	301 C0107	WELSH, LAURA 107 HENLEY DRIVE SOMERSET, NJ 08873
424.13	301 C0106	MAURER, DOROTHY C. 106 HENLEY DRIVE SOMERSET, NJ 08873
468.06	8	BEHN, GEORGE A. & SANDRA O. 19 DOMINO RD. SOMERSET, NJ 08873
468.06	9	AZURAK, MICHAEL & TAYLOR, MARY LYNN 17 DOMINO RD. SOMERSET, NJ 08873
468.07	16	HOBBS, KATHY A. 20 DOMINO RD. SOMERSET, NJ 08873
468.07	17	KOVACS, JOSEPH A. & JEAN 22 DOMINO RD. SOMERSET, NJ 08873
468.07	18	CHOU, PETER & SANDY 24 DOMINO RD. SOMERSET, NJ 08873
468.07	19	CHIEMELU, CHUMA J. & NNENNE PI 28 DOMINO RD. SOMERSET, NJ 08873
468.07	20	SHAFRANSKI, JOHN A. & JEAN M. 28 CROWN RD. SOMERSET, NJ 08873
468.07	21	NOVOTNY, JAMES 30 CROWN RD. SOMERSET, NJ 08873
468.07	22	GARY, JAMES 32 CROWN ROAD SOMERSET, NJ 08873
468.07	23	CHOU, LIANG CHEN 511 KINGS HWY, EAST MIDDLETON, NJ 07748
468.07	24	KANTESARIA, SUSHVET & BHAVNA 36 CROWN ROAD SOMERSET, NJ 08873
468.07	25	EVANS, GRACE Z. 38 CROWN RD. SOMERSET, NJ 08873
468.07	44.03	K-TREE CORP. 19 ARNOLD AVENUE CLOSTER, NJ 07624
468.07	46.05	DANDOLA, STEPHEN & LYNN 10 DAISY DR. SOMERSET, NJ 08873
468.07	46.06	SHUKLA, DIPAL & PATEL, ANKIT 12 DAISY DR. SOMERSET, NJ 08873
468.07	46.07	SARWAR, OMAR & OMAR, SAMEEN 16 DAISY DR. SOMERSET, NJ 08873
468.07	46.08	SARWAR, OMAR & OMAR, SAMEEN 16 DAISY DR. SOMERSET, NJ 08873
468.07	46.25	KAPASHI, RUSHABH 420 E. 61ST/ ST., APT. 11D NEW YORK, NY 10065
468.07	46.26	MOHAMED, RAFIC J. & BEGUM, BENAZIR 23 DAISY DR. SOMERSET, NJ 08873

468.07	46.27	PINKNEY, CHARLES & STACEY 628 STRASSLE WAY S. PLAINFIELD, NJ 07080
468.07	46.28	SEYMORE, TANEKA C. 243 LUCA DR. PISCATAWAY, NJ 08854
468.07	46.29	KARKALA, KARTHIK 17 DAISY DR. - UNIT #705 SOMERSET, NJ 08873
468.07	46.30	IYER, HARI KRISHNA R. & PUSHKALA H. 3402 ASHLEAF DR. CARROLLTON, TX 75007
468.07	46.31	SHAH, DINESH & BHARATI 191 WASHINGTON AVE. RUTHERFORD, NJ 07070
468.07	46.32	KOTHARI, GAURAV & ANKITA 315 HAYWOOD DR. PARAMUS, NJ 07652
468.07	46.33	SHAH, BHARAT & RICKIN & SUNISH 22B CHATHAM ST. N. PLAINFIELD, NJ 07060
468.07	46.34	SHARMA, ANKIT & MONIKA 1 DAISY DR. SOMERSET, NJ 08873
468.07	46.35	FLEET FRANKLIN, LLC 225 MILLBURN AVE. - STE 202 MILLBURN, NJ 07041



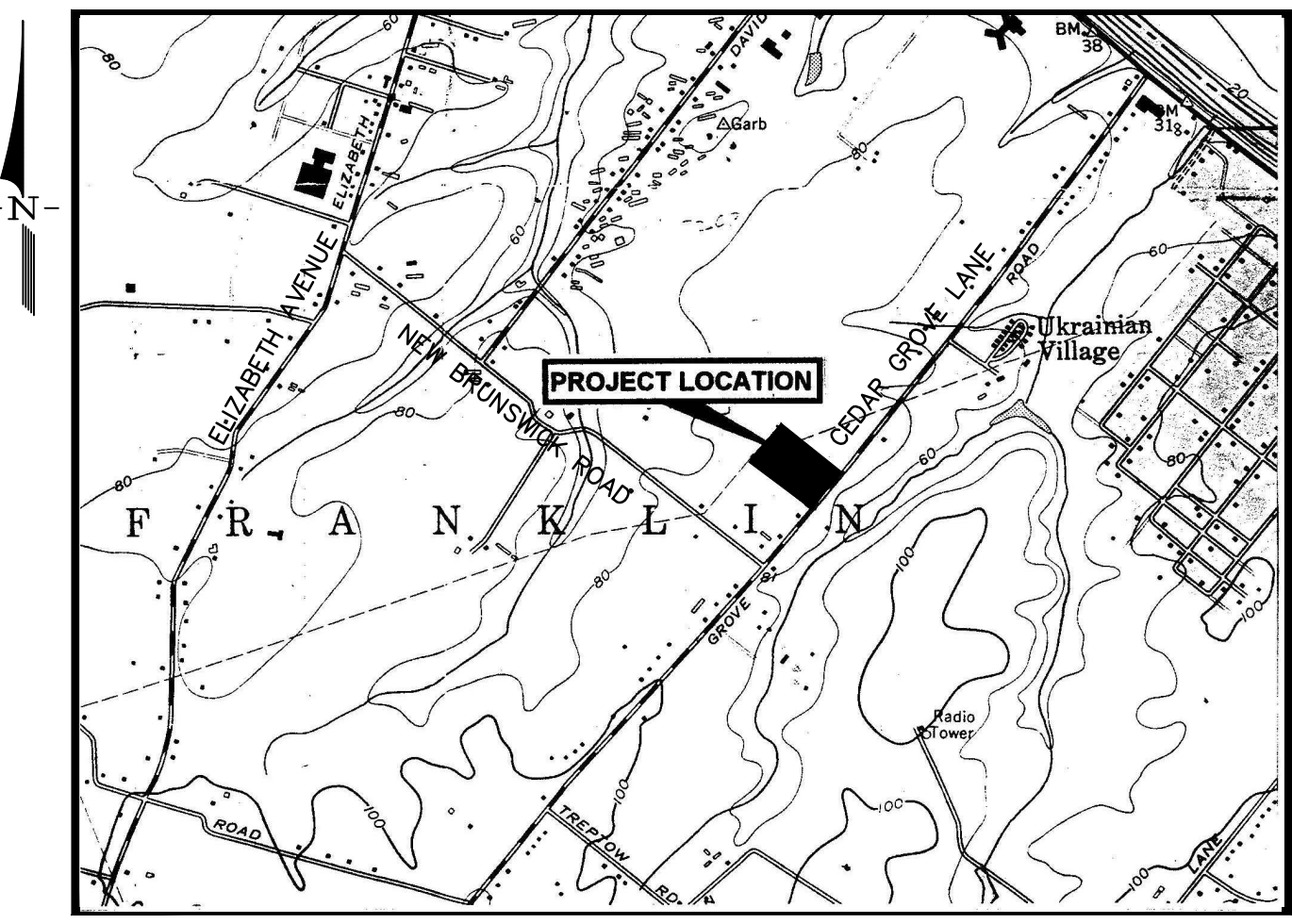
PROPOSED ARCHWAY PERSPECTIVE

- CONSTRUCTION OUT OF STEEL BEAMS AND SUPPORTS
- WHITE MARBLE ARCHWAY FACADE
- SEE SP-1 FOR ARCHWAY PLAN & ELEVATION
- SEE SP-3 FOR ARCHWAY LIGHTING



LOCATION MAP

SCALE: 1"=400'±
FRANKLIN TOWNSHIP TAX MAP SHEET No. 87



KEY MAP

SCALE: 1"=2000'±
PORTION OF USGS BOUND BROOK QUADRANGLE

OWNER/APPLICANT

JIGAR SHAH
JAIN CENTER OF NEW JERSEY
111 CEDAR GROVE LANE
SOMERSET, NJ 08873

SHEET INDEX:

NO.	DESCRIPTION
OS-1	OVERALL EXISTING CONDITIONS PLAN/DEMOLITION PLAN
SP-1	DIMENSION PLAN & DETAILS
SP-2	LANDSCAPE PLAN
SP-3	LIGHTING PLAN AND DETAILS

R-40 ZONE REQUIREMENTS

	REQUIRED	CONDITIONAL PERMITTED USE (CHURCH)	EXISTING	PROPOSED	
MIN. LOT AREA	40,000 S.F.	3.0 AC.	9.6 AC.(419,261 SF)	9.6 AC.	(419,261 SF)(NO CHANGE)
MIN. LOT FRONTAGE	200 FT.		485± FT.	485± FT.	(NO CHANGE)
MIN. FRONT YARD	40 FT.	50 FT.	267.15' 186.17 FT.Ⓢ	267.15' 186.17 FT.Ⓢ	(NO CHANGE)
MIN. SIDE YARD (ONE)	25 FT.		73.21 FT.Ⓢ	73.21 FT.Ⓢ	(NO CHANGE)
MIN. SIDE YARD (BOTH)	75 FT.		283.62 FT.Ⓢ	283.62 FT.Ⓢ	(NO CHANGE)
MIN. REAR YARD	50 FT.		277.48 FT.Ⓢ	277.48 FT.Ⓢ	(NO CHANGE)
MAX. BLDG. HEIGHT	2.5 STY./35 FT.	35 FT.	33.5 FT.	33.5 FT.	(NO CHANGE)
MAX. LOT COVERAGE (BUILDING)	10%		7.1%	7.1%	7.1% (NO CHANGE)
MAX. TOTAL IMPERV. COVER	20%(83,852 SF)		41.8% ENC(175,251 SF)	41.8%	(VARIANCE GRANTED BY TOWNSHIP BOARD)
					IMPERVIOUS COVERAGE
					IMPERVIOUS AREA REMOVED (CONCRETE SIDEWALK) = 177 SF
					IMPERVIOUS AREA PROPOSED (ARCHWAY FOOTINGS, NEW DRIVEWAY RADIUS) = 114 SF
					TOTAL DECREASE IN IMPERVIOUS AREA WITH THIS APPLICATION = 63 SF
					SIGNATURE BLOCK
					BOARD SECRETARY _____ DATE _____
					BOARD ENGINEER _____ DATE _____
					BOARD CHAIRPERSON _____ DATE _____

- Ⓢ INDICATES PRAYER HALL (2 STORY-33.5 FT. HEIGHT/42,297 G.S.F.)
- Ⓢ INDICATES CARETAKER DWELLING (2 STORY DWELLING-21.67 FT. HEIGHT/2,880 G.S.F.)
- Ⓢ INDICATES SANCTUARY (1 STORY W/ PARTIAL BASEMENT-51.5 FT. FT. HEIGHT(STEEPLE)/6,385 G.S.F.)

PARKING (CHURCH):

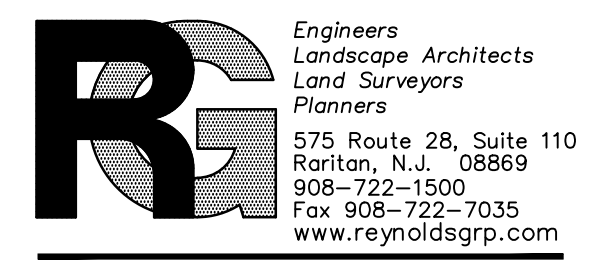
MIN. PARKING SPACES	1 SPACE/3 SEATS:	328 SPACES	328 SPACES
960 SEATS/3=320 SPACES			

FREESTANDING SIGNS (CHURCH):

NUMBER OF SIGNS	0	3 SIGNS (ALL ON ARCHWAY)(V)
SIGN AREA	25 S.F.	99.2 S.F.(V)
MAX. HEIGHT	10 FT.	28 FT.(V)
MIN. LOT LINE SETBACK	25 FT.	41 FT. (SEE SP-1)

ENC - EXISTING NON-CONFORMING
(V) VARIANCE REQUIRED

revisions		
no.	date	description



The Reynolds Group Inc.

State of New Jersey
Certificate of Authorization
Number: 246427989200
21MH00004300
F. Mitchell Ardman, P.E., P.P.
Jeffrey D. Reynolds, P.L.A.

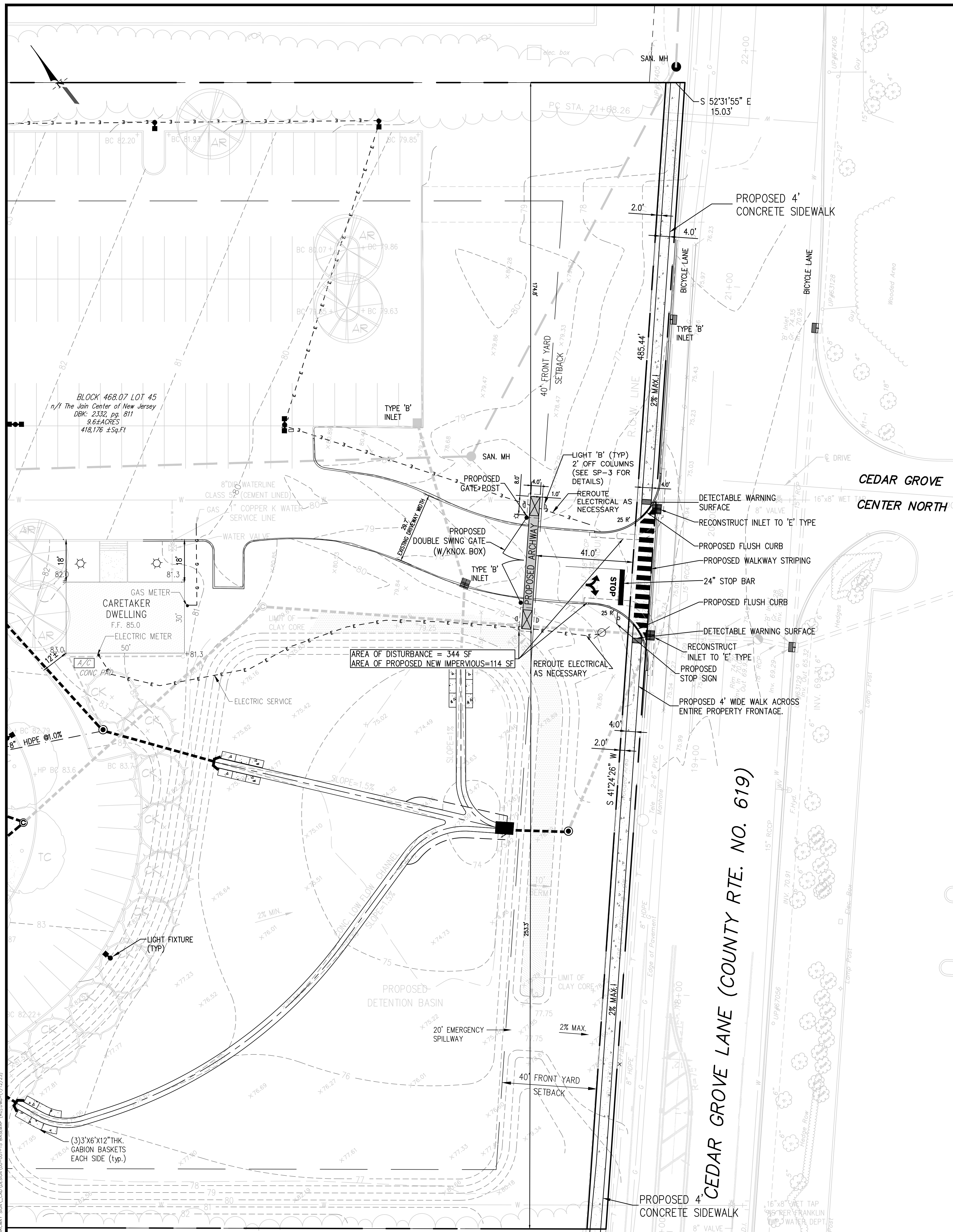
F. Mitchell Ardman
F. MITCHEL ARDMAN
N.J. PROFESSIONAL ENGINEER LIC. NO. 34317

JAIN CENTER PROPOSED ARCHWAY

BLOCK 468.07, LOT 45
TOWNSHIP OF FRANKLIN
SOMERSET COUNTY, NEW JERSEY

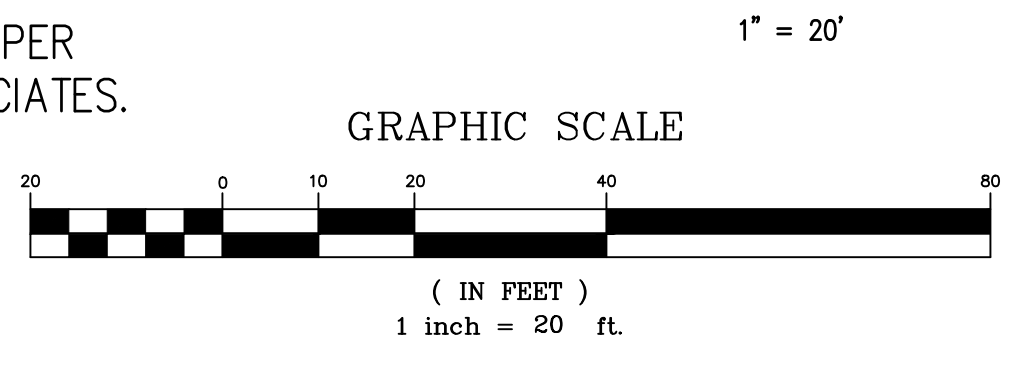
COVER

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00-001-15	
scale	AS SHOWN
checked by	JDR
drawn by	AR
date	JANUARY 2023
sheet	1 of 5

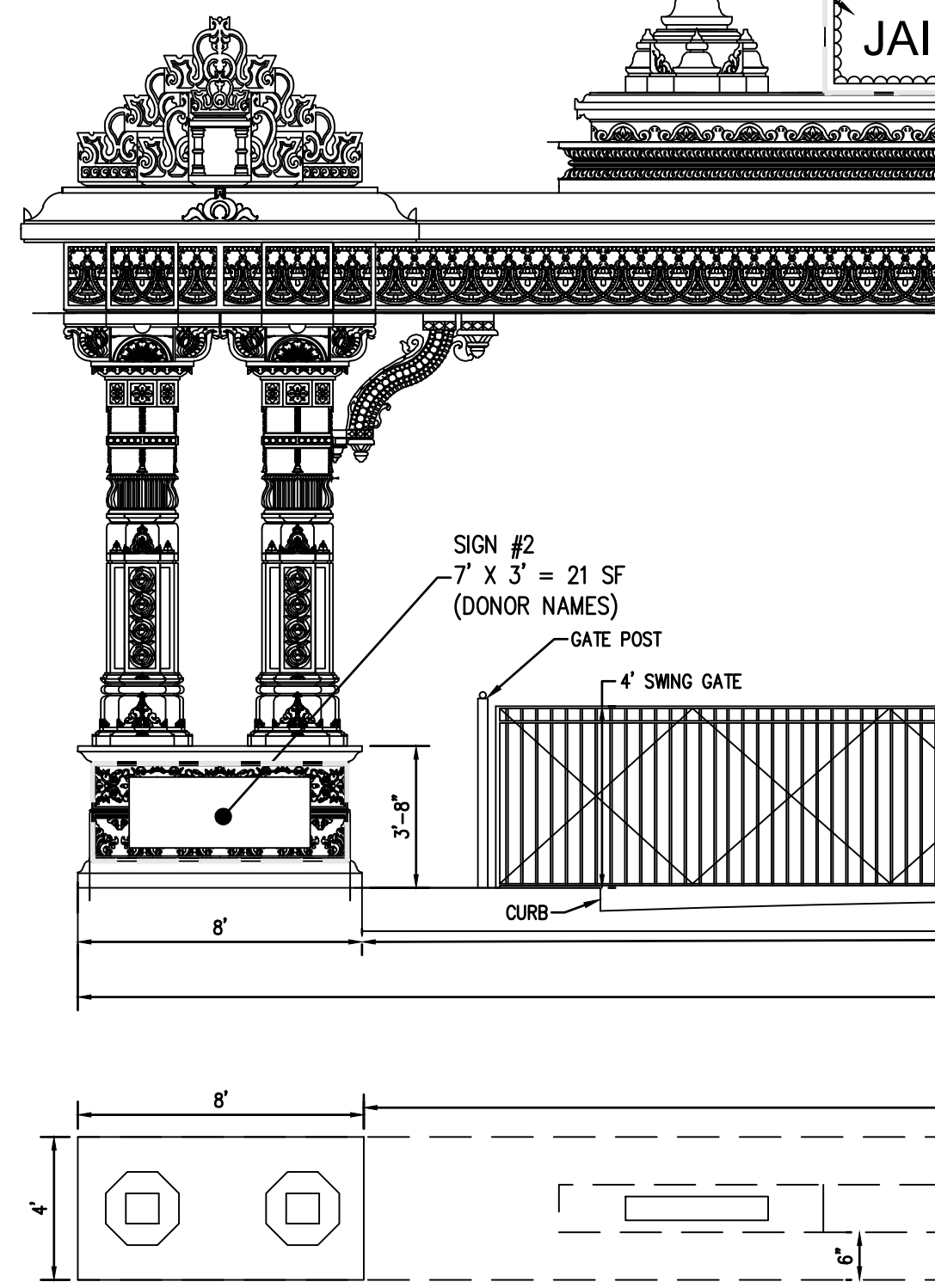
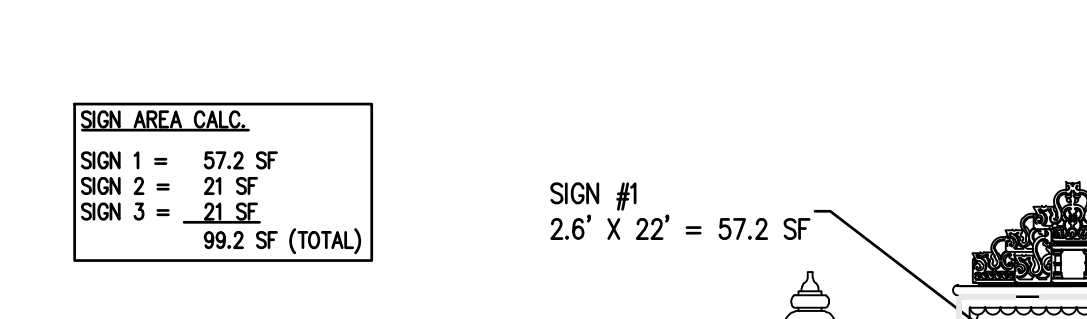
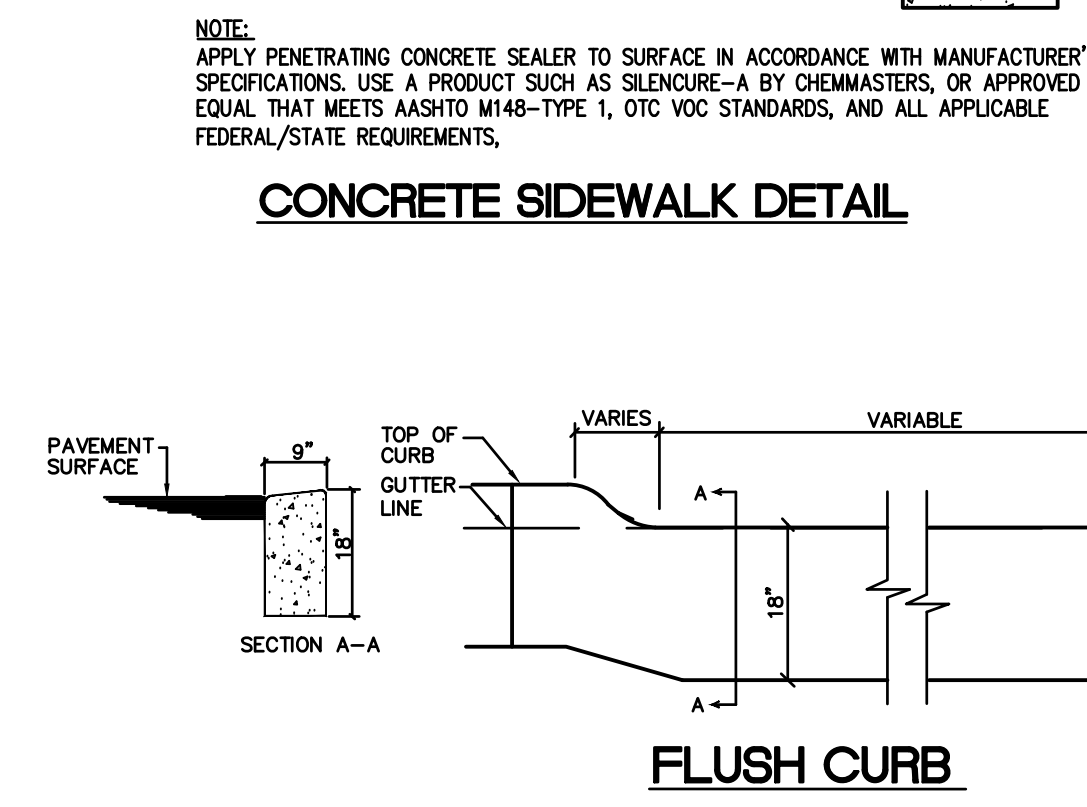
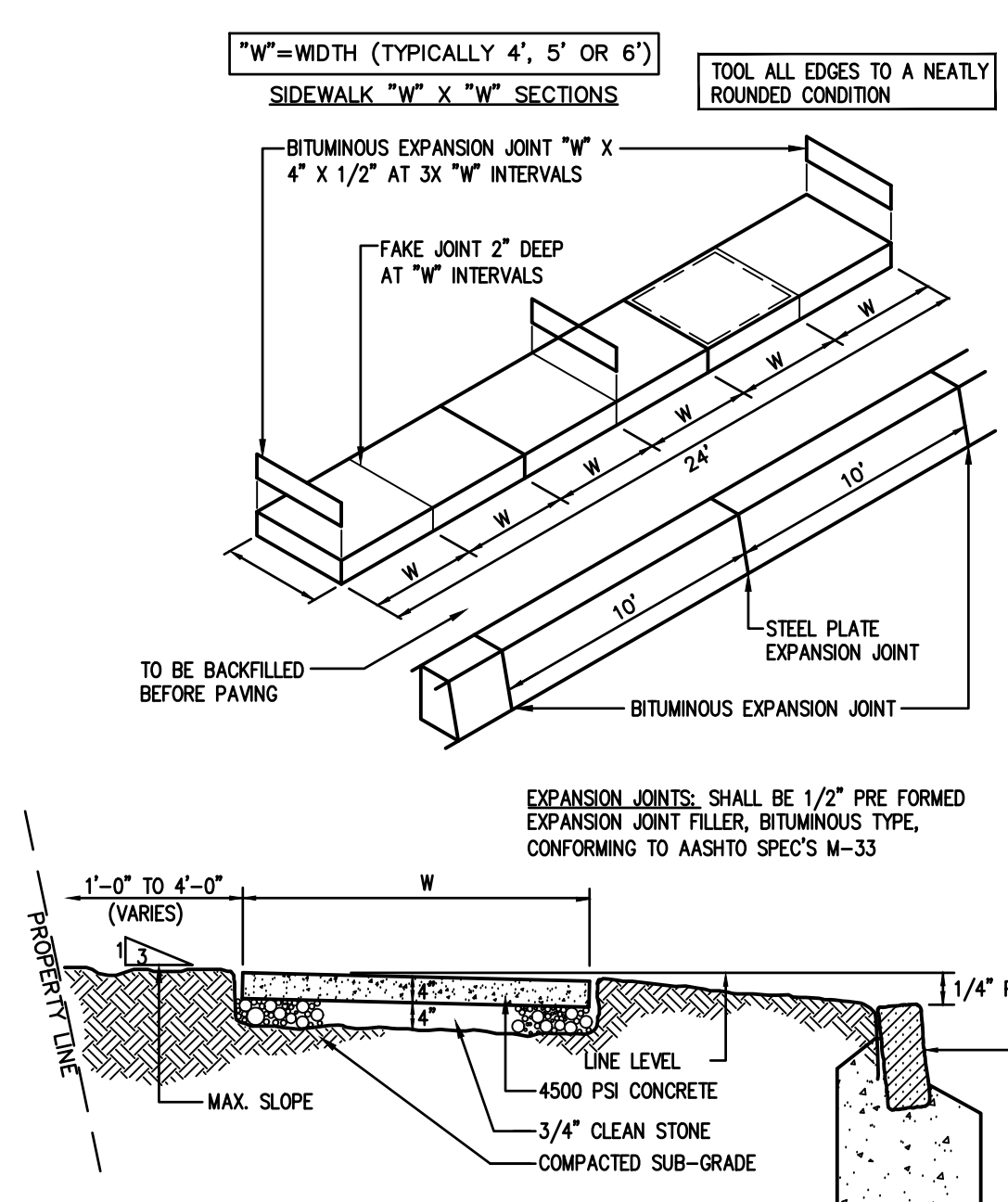


NOTE:
CEDAR GROVE LANE IMPROVEMENTS SHOWN HEREON PER
SOMERSET COUNTY PLANS PREPARED BY T&M ASSOCIATES.
(PROJECT NO. SOMS-00010) SIGNED 06/02/03

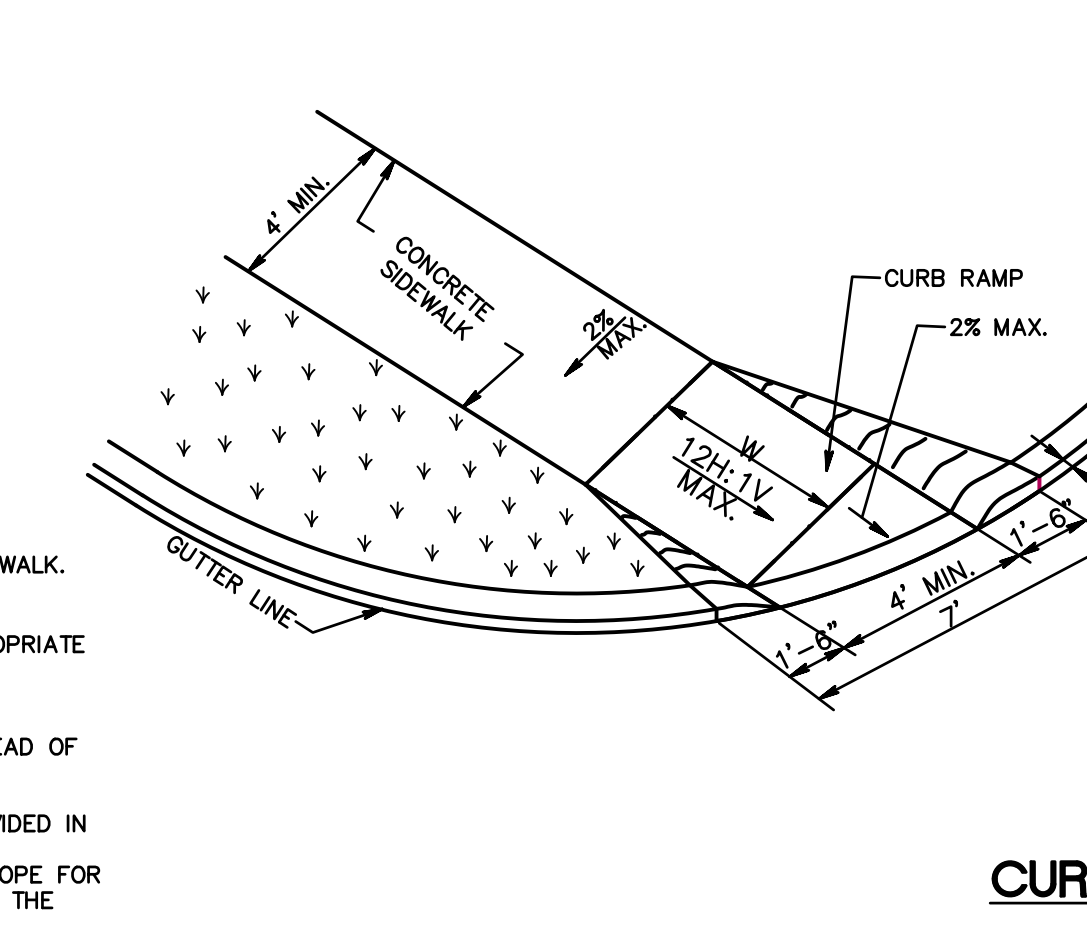
DIMENSION PLAN
1" = 20'



- CURB RAMP NOTES:**
- KEEP TURNING SPACE, APPROACH SIDEWALK TRANSITIONS, AND CURB RAMP CLEAR OF OBSTRUCTIONS THAT PROTRUDE ABOVE THE SIDEWALK.
 - CURB (DROPPED CURB) CUTTERLINE TO BE FLUSH WITH ROADWAY PAVEMENT A MINIMUM OF 4 FEET AT ALL CURB RAMP.
 - FOR CURB RAMP TYPES 5 AND 6, IF A GRASS BUFFER DOES NOT EXIST, SLOPE CURB TO EQUAL SLOPE OF ADJACENT CURB RAMP.
 - SIDEWALK AND CURB RAMP WITHIN AREA ENCLOSED BY HEAVY LINES INDICATES THE PAY LIMIT FOR CONCRETE SIDEWALK OF THE APPROPRIATE ADJACENT THICKNESS.
 - CURB AND HEADER WITHIN AREA ENCLOSED BY HEAVY LINES INDICATES THE PAY LIMIT FOR VERTICAL CURB OR SLOPING CURB OF THE APPROPRIATE ADJACENT SIZE AND KIND.
 - WHERE THE DISTANCE FROM THE CUTTER LINE TO THE OUTSIDE EDGE OF SIDEWALK IS 6 FEET OR LESS, USE CURB RAMP TYPE 7, INSTEAD OF CURB RAMP TYPE 1 THROUGH 4.
 - CROSSWALKS AND STOP LINES MAY BE MARKED OR UNMARKED. SEE PLANS.
 - DIMENSIONS SHOWN IN TABLES ARE FOR 3 INCH TO 8 INCH CURB HEIGHTS, WHERE THE CURB HEIGHTS ARE OTHER THAN THAT IS PROVIDED IN THE TABLES, THE DIMENSIONS OF THE RAMPS WILL HAVE TO BE CALCULATED BASED ON CROSS SLOPES SHOWN.
 - THE 12H:1V MAX SLOPE IS THE RUNNING SLOPE FOR CURB RAMPS, BUT ONLY THE 12H:1V SLOPE MEASURED AS X, IS THE RUNNING SLOPE FOR TYPE 3 AND TYPE 4 CURB RAMPS. ENSURE THE RUNNING SLOPE OF CURB RAMPS DOES NOT REQUIRE ITS LENGTH TO EXCEED 15 FEET. THE RUNNING SLOPE MAY EXCEED THE 12H:1V MAX SLOPE SO AS NOT TO EXCEED THE 15 FEET MAXIMUM LENGTH.

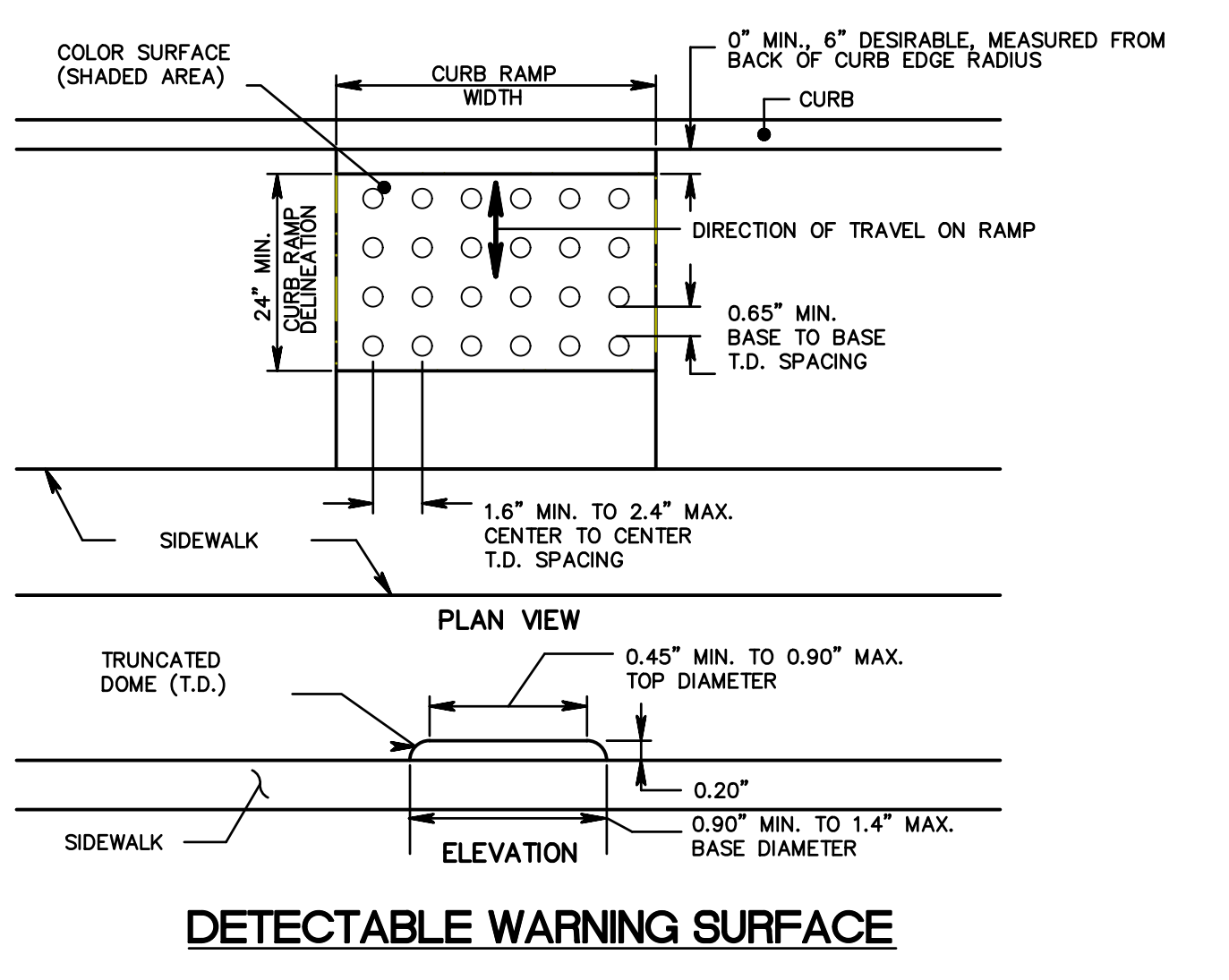


DRIVEWAY ARCHWAY DETAIL
N.T.S.



- SOMERSET COUNTY STANDARD CONSTRUCTION NOTES FOR ROAD IMPROVEMENTS**
- Prior to the initiation of any excavation or construction within any street, road, or right-of-way under the jurisdiction of the Somerset County Board of Chosen Freeholders, a Somerset County Road Opening Permit shall be obtained from the Office of the County Engineer.
 - The Office of the County Engineer is to be notified seventy-two (72) hours in advance of commencement of construction of any improvements under the jurisdiction of the County of Somerset. Grade construction sheets will be submitted at this time. These grade construction sheets are to be signed and sealed by a professional land surveyor.
 - As indicated in the "Manual on Uniform Traffic Control Devices," proper and sufficient construction warning signs are to be provided and maintained by contractors performing construction work along County roads. Said signs are to be maintained until construction is completed and approved by the appropriate County inspection personnel.
 - All improvements under the jurisdiction of the County of Somerset are to be constructed in accordance with Somerset County specifications.
 - All mailboxes, located within the construction improvements in the County R.O.W., will be reset in accordance with the owner of the mailbox and the postmaster.
 - Information monuments, markers, disks, rivets of the National Geodetic Control Survey may be obtained from the New Jersey Department of Transportation, Geodetic Division, 1035 Parkway Avenue, Trenton, New Jersey, telephone #(609) 530-5641; or the Somerset County Engineering Division, telephone #(609) 231-7024, ext. 7510.
 - The New Jersey Geodetic Control Survey, at the above address, is to be notified two (2) weeks in advance of commencement of construction of any improvements in order to prevent the resetting of existing monuments, or installation of new monuments if required by the County.

- SOMERSET COUNTY SIGNAGE & STRIPING NOTES**
- THE SOMERSET COUNTY TRAFFIC DIVISION IS TO BE NOTIFIED AT (909) 231-7152 A MINIMUM OF 72 HOURS PRIOR TO THE INSTALLATION OF ANY STRIPING WITHIN A COUNTY RIGHT-OF-WAY. THE NOTIFICATION IS TO BE MADE BY THE CONTRACTOR WHO WILL INSTALL THE STRIPING.
 - PRIOR TO INSTALLING ANY STRIPING IN THE COUNTY RIGHT-OF-WAY THE STRIPING CONTRACTOR MUST RECEIVE APPROVAL FROM THE COUNTY TRAFFIC DIVISION FOR THE "MARK OUT" OF ALL STRIPING.
 - ALL PAVEMENT MARKINGS SHALL BE ALKYD-TYPE THERMOPLASTIC WITH A THICKNESS OF 30 MILLIMETERS.
 - THERE SHALL BE A 6-INCH SPACE BETWEEN ALL DOUBLE YELLOW STRIPES.
 - ALL EXISTING STRIPING AND PAVEMENT SURFACES THAT DO NOT CONFORM TO THE PROPOSED STRIPING PATTERN ARE TO BE REMOVED BY A METHOD THAT DOES NOT DAMAGE THE ROADWAY SURFACE. "BLACK OUT" PAINT WILL NOT BE PERMITTED.
 - ALL PERMANENT SIGNS SHALL BE A FLAT ALUMINUM SHEET OF 6061-T6 ALLOY WITH A THICKNESS THAT SHALL CONFORM TO SUBSECTION 911.02A OF THE NEW JERSEY DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATION OF 2007.
 - ALL PERMANENT SIGNS ARE TO BE MOUNTED ON GALVANIZED SQUARE TUBE STEEL SUPPORTS OF THE "TELESPAR SYSTEM" BY THE UNISTRUT CORPORATION AND ONLY TYPE II BREAKAWAY UNITS SHALL BE USED OR EQUAL AS APPROVED BY THE COUNTY ENGINEER.
 - ALL "STOP" SIGNS (R1-1) ARE TO BE A MINIMUM OF 30-INCH DIAMETER.
 - SIGN FACINGS SHALL BE "WIDE ANGLE PRISMATIC RETROREFLECTIVE SHEETING FOR VISUAL IMPACT PERFORMANCE" MANUFACTURED BY 3M BRAND SCOTCHLITE PRISMATIC LENS REFLECTIVE SHEETING (DIAMOND GRADE) OR EQUAL AS APPROVED BY THE COUNTY ENGINEER.
 - ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE CURRENT "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS".



revisions		
no.	date	description

Engineers
Landscape Architects
Land Surveyors
Planners
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The Reynolds Group Inc.

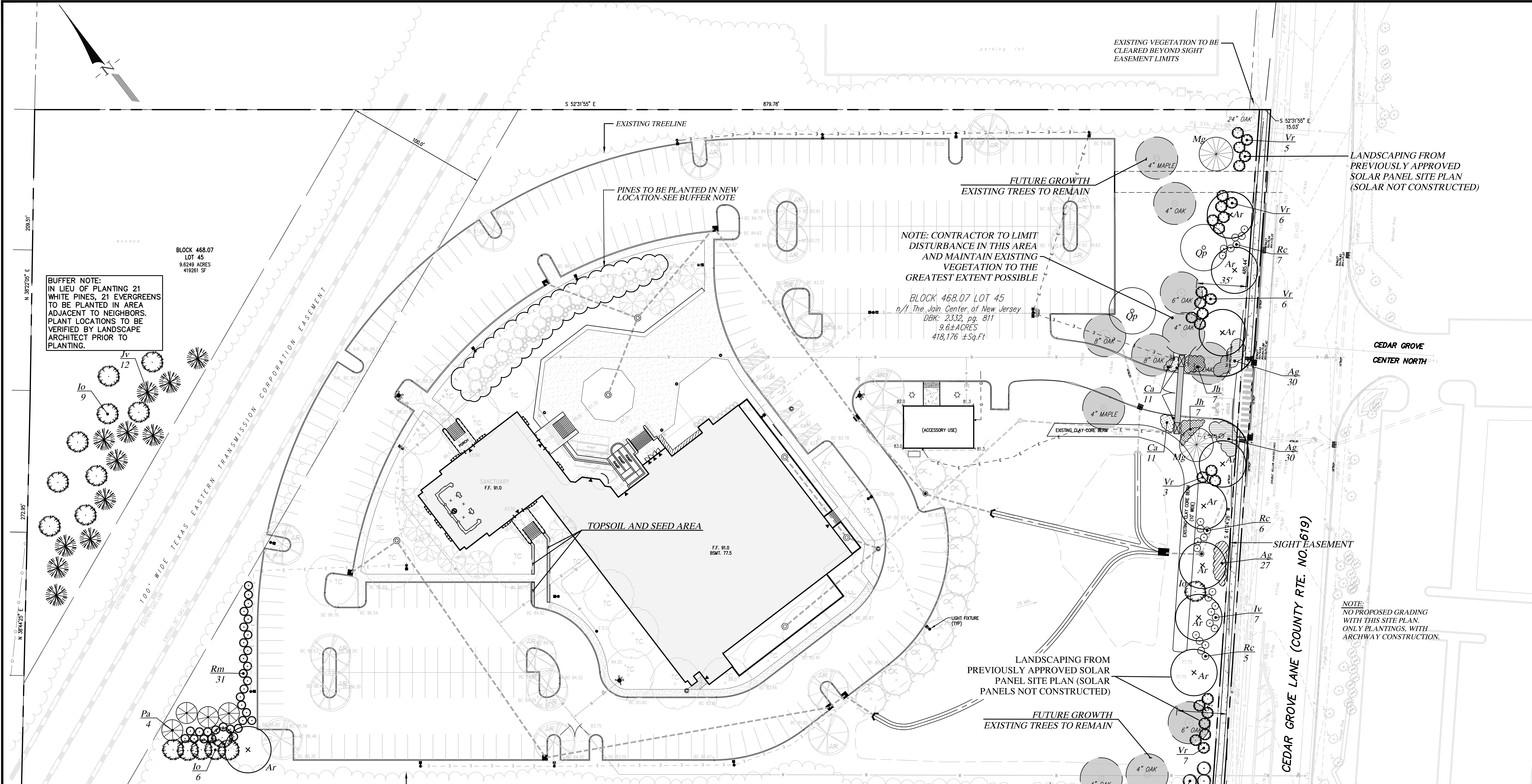
State of New Jersey
Certificate of Authorization
Number 246A2789200
21MH0004300
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JAIN CENTER PROPOSED ARCHWAY
BLOCK 468.07 LOT 45
TOWNSHIP OF FRANKLIN
SOMERSET COUNTY, NEW JERSEY

DIMENSION PLAN & DETAILS

job number 00-001-15	drawing number SP-1
scale 1"=20'	
checked by JDR	
drawn by AR	
date JANUARY 2023	sheet 3 of 5



BUFFER NOTE:
IN LIEU OF PLANTING 21 WHITE PINES, 21 EVERGREENS TO BE PLANTED IN AREA ADJACENT TO NEIGHBORS. PLANT LOCATIONS TO BE VERIFIED BY LANDSCAPE ARCHITECT PRIOR TO PLANTING.

NOTE: CONTRACTOR TO LIMIT DISTURBANCE IN THIS AREA AND MAINTAIN EXISTING VEGETATION TO THE GREATEST EXTENT POSSIBLE

BLOCK 468.07 LOT 45
n/1 The Jain Center of New Jersey
DBK: 2332, pg. 811
9.6± ACRES
418,176 ± Sq.Ft.

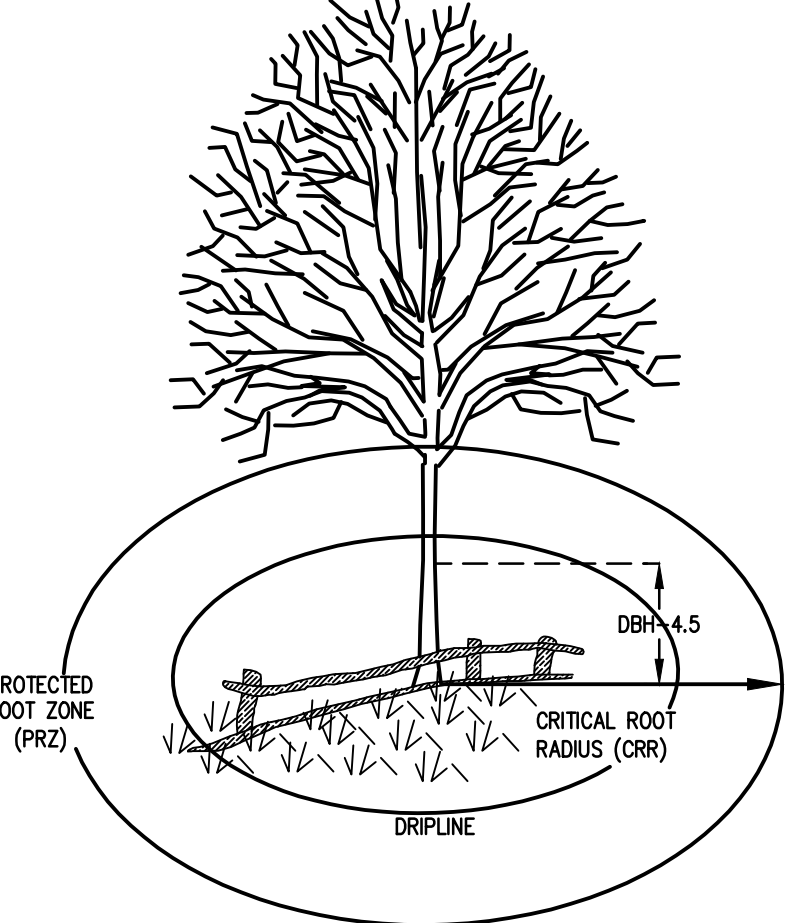
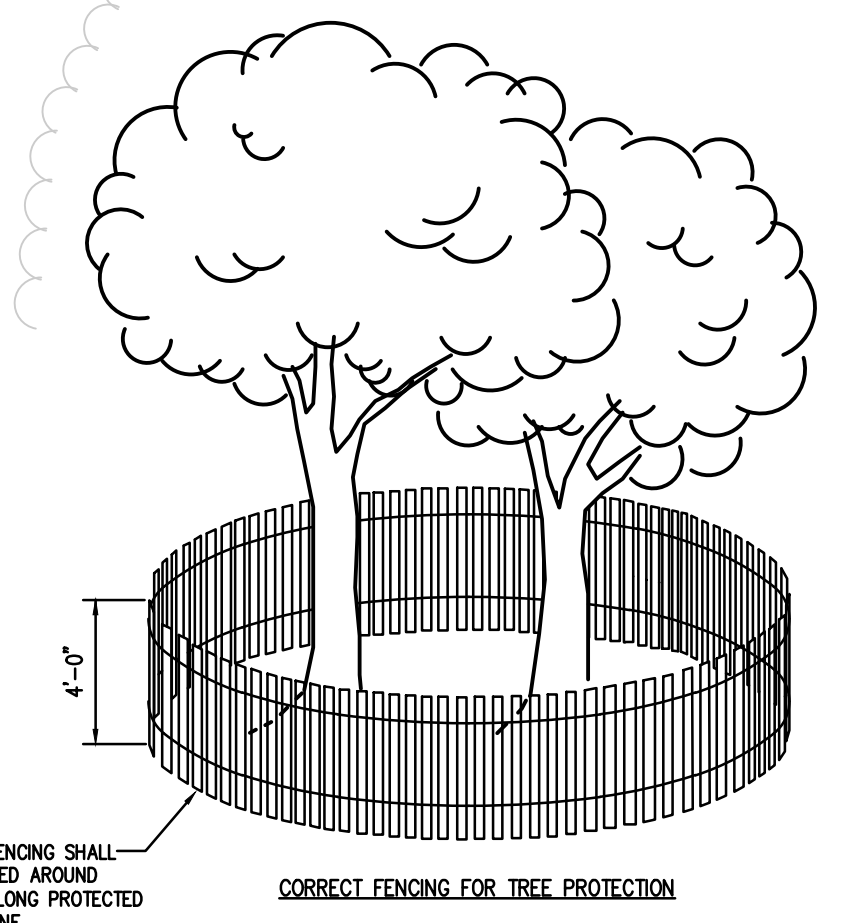
LANDSCAPING FROM PREVIOUSLY APPROVED SOLAR PANEL SITE PLAN (SOLAR NOT CONSTRUCTED)

LANDSCAPING FROM PREVIOUSLY APPROVED SOLAR PANEL SITE PLAN (SOLAR PANELS NOT CONSTRUCTED)

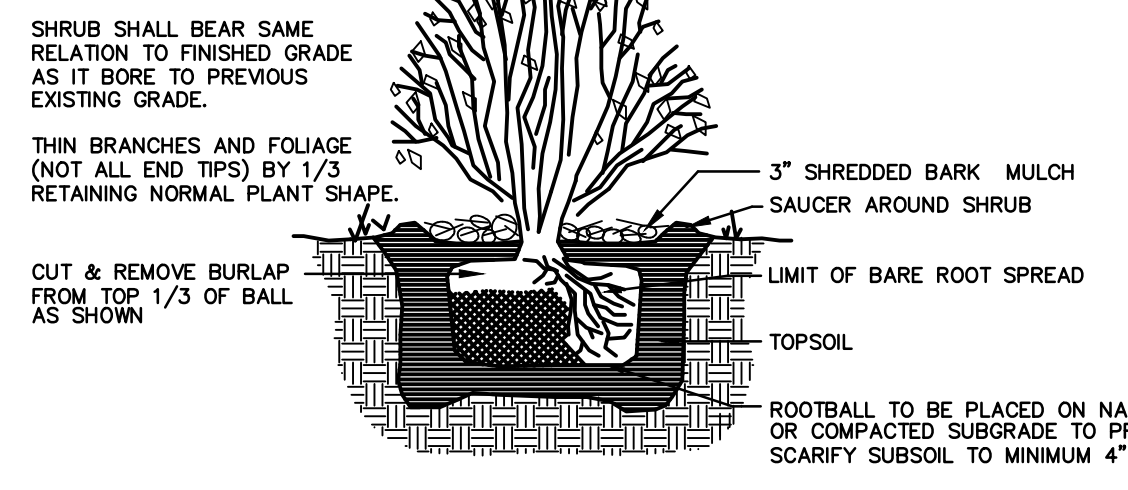
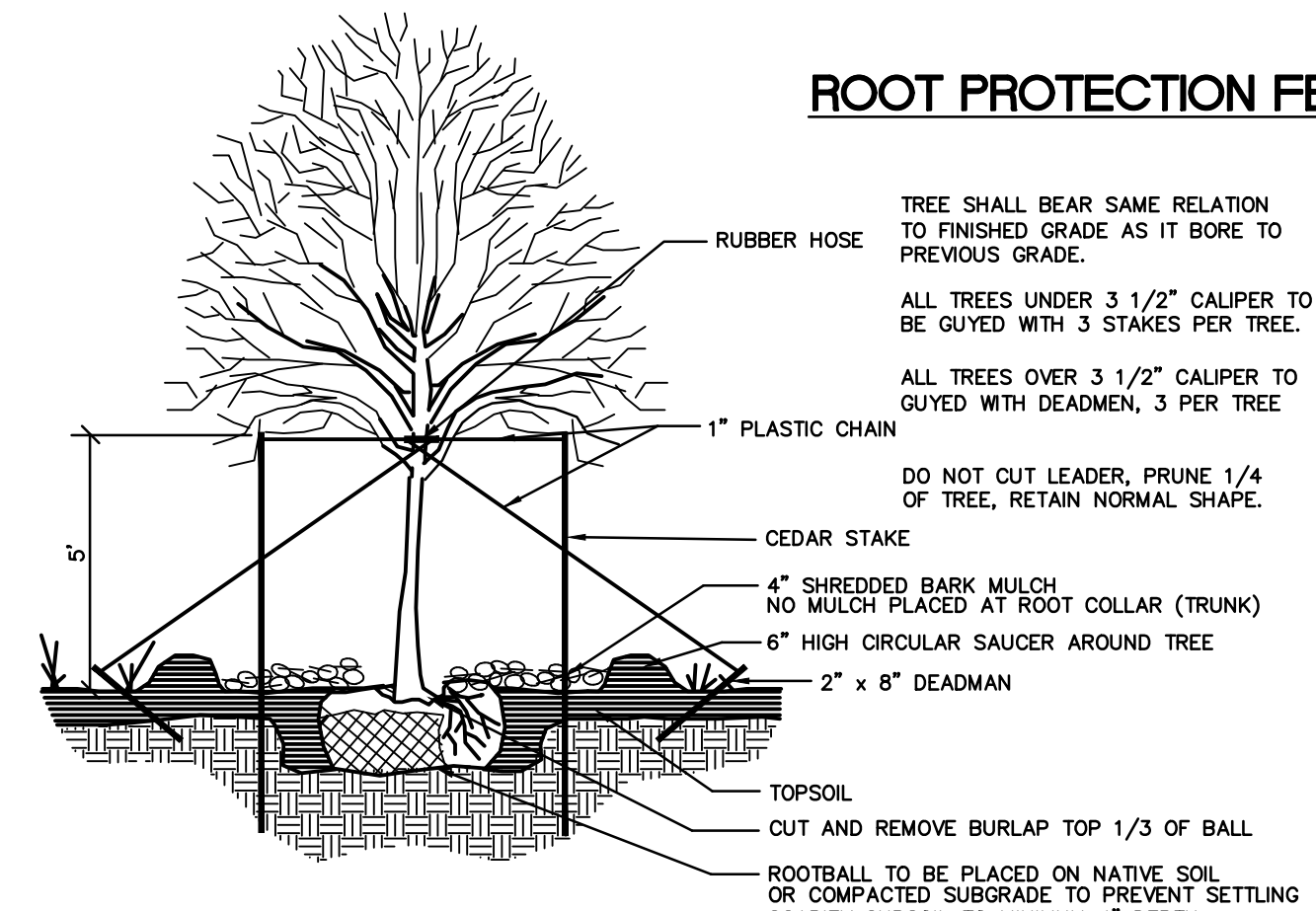
NOTE:
NO PROPOSED GRADING WITH THIS SITE PLAN. ONLY PLANTINGS, WITH ARCHWAY CONSTRUCTION.

NOTE:
SIGHT EASEMENTS SHALL BE KEPT CLEAR OF ALL SIGHT OBSTRUCTIONS. NO PERMANENT OR TEMPORARY STRUCTURE OR VEGETATION SHALL BE PLACED WHICH WILL VIOLATE THE INTENT OF THE CLEAR SIGHT AREA.

- ESTIMATE A TREE'S PROTECTED ROOT ZONE (PRZ) BY CALCULATING THE CRITICAL ROOT RADIUS (CRR)**
- MEASURE THE DBH (DIAMETER OF TREE AT BREAST HEIGHT, 4.5 FEET ABOVE GROUND ON THE UPRIGHT SIDE OF TREE) IN INCHES.
 - MULTIPLY MEASURED DBH BY 1.5 OR 1.0. EXPRESS THE RESULT IN FEET.
- DBH X 1.5: CRITICAL ROOT RADIUS FOR OLDER, UNHEALTHY, OR SENSITIVE SPECIES.
DBH X 1.0: CRITICAL ROOT RADIUS FOR YOUNGER, HEALTHY OR TOLERANT SPECIES.



ROOT PROTECTION FENCING



PLANTING NOTES

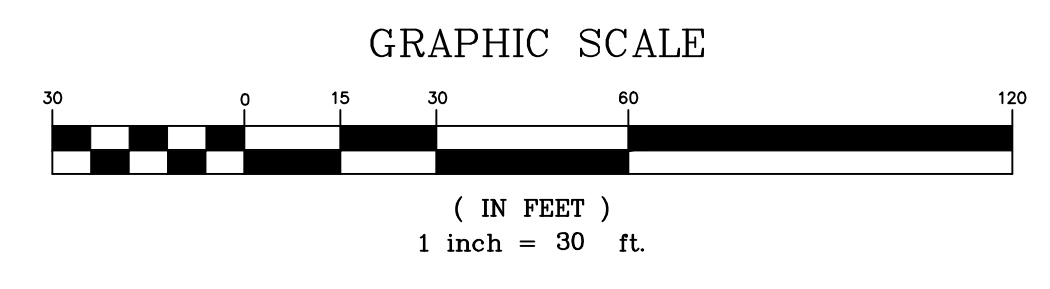
- ALL PLANT MATERIAL TO BE FIRST QUALITY, NURSERY GROWN STOCK, FREE FROM DISEASE OR OBJECTIONABLE DISFIGUREMENTS. QUALITY AND SIZE OF PLANTS, INCLUDING ROOT SIZE SHALL BE IN ACCORDANCE WITH "AMERICAN STANDARDS FOR NURSERY STOCK" ANSI Z60.1 (MOST RECENT ADDITION) AS PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERMEN.
- CONTRACTOR TO VERIFY ALL PLANT DISCREPANCIES INCLUDING PLANT QUANTITIES BETWEEN PLANT LIST AND PLAN. CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING QUANTITY WHICH IS GREATER.
- NO SUBSTITUTES SHALL BE PERMITTED WITHOUT WRITTEN APPROVAL OF THE LANDSCAPE ARCHITECT.
- ALL PROPOSED PLANT MATERIAL SHALL BE BALLED AND BURLAPPED UNLESS NOTED OTHERWISE ON PLANTING SCHEDULE.
- ALL INSTALLED PLANT MATERIALS SHALL BEAR THE SAME RELATION TO GRADE WHEN INSTALLED ON SITE AS EXISTED IN NURSERY PRIOR TO DIGGING.
- HOLES FOR PLANT MATERIALS (B&B) SHALL BE DUG A MINIMUM OF TWICE THE BALL DIAMETER. ALL PLANTS SHALL BE LOCATED IN THE CENTER OF THEIR RESPECTIVE PITS.
- B&B PLANTS SHALL BE HANDLED FROM THE BOTTOM OF THE ROOT BALL ONLY. PLANTS WITH BROKEN, SLIT OR DAMAGED ROOT BALLS SHALL BE REJECTED. PLANTS SHALL NOT BE BOUND AT ANY TIME WITH WIRE OR ROPE AS TO DAMAGE THE BARK AND BRANCHES.
- PLANT MATERIAL SHALL BE PLANTED ON THE DAY OF DELIVERY. IN THE EVENT THIS IS NOT POSSIBLE THE CONTRACTOR WILL PROTECT THE STOCK THAT IS NOT PLANTED AND KEEP WELL WATERED. PLANTS SHALL NOT REMAIN UNPLANTED FOR MORE THAN A THREE DAY PERIOD AFTER BEING DELIVERED.
- ALL STAKING AND GUYING WIRES SHALL BE FLAGGED WITH A BRIGHT REFLECTIVE MATERIAL TO WARN PEDESTRIANS
- TOPSOIL AND SEED ALL AREAS DISTURBED BY CONSTRUCTION AND ALL LOCATIONS SHOWN AS LAWN AREAS ON PLAN.
- ALL PLANTS SHALL BE PLANTED IN AN APPROVED BACKFILL MIXTURE THAT IS THOROUGHLY WATERED AND TAMPED AS BACKFILLING PROGRESSES. ONLY SUITABLE TOPSOIL, FREE OF DRY SOIL, STIFF CLAY, LITTER, ETC., SHALL BE USED FOR PLANTING
- ALL SHRUB BEDS AND TREE SAUCERS TO BE MULCHED AS DETAILED.
- THE CONTRACTOR SHALL REPORT ANY SOIL OR DRAINAGE CONDITIONS CONSIDERED DETRIMENTAL TO THE GROWTH OF ANY OF THE PROPOSED PLANTING MATERIAL. PROVIDE SNOW/TREE PROTECTION FENCING AS REQUIRED AROUND EXISTING TREES TO BE SAVED.
- CONTRACTOR SHALL GUARANTEE ALL PLANT MATERIAL (NOT INCLUDING LAWNS) FOR A PERIOD OF ONE (1) YEAR FROM DATE OF ACCEPTANCE.
- AFTER THE PLANTING CONTRACTOR HAS COMPLETED THE TERMS OF HIS CONTRACT, THE OWNER SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF ALL PROPOSED PLANTINGS BY PROVIDING THE CORRECT METHODS OF WEEDING, SPRAYING, WATERING, PRUNING AND FERTILIZING ACCORDING TO GOOD HORTICULTURAL PRACTICE.
- ALL TREES TO BE BRANCHED 7" HIGH.

NOTES:
1. TREES AND SHRUBS NOT TO BE PLANTED ON CLAY CORE BERM.

THIS PLAN TO BE USED FOR LANDSCAPING PURPOSES ONLY

PLANTING SCHEDULE

KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	SPACING
DECIDUOUS SHADE TREES						
Ar	9	Acer rubrum 'Franksred'	Red Sunset Maple	2.5-3" Cal.	B&B	As Shown
Op	2	Quercus palustris	Pin Oak	2.5-3" Cal.	B&B	As Shown
EVERGREEN TREES						
Io	16	Ilex opaca	American Holly	6-8" Ht.	B&B	As Shown
Jv	12	Juniperus virginiana	Eastern Red Cedar	6-8" Ht.	B&B	As Shown
Mg	2	Metasequoia glyptostroboides	Dawn Redwood	6" Ht.	B&B	As Shown
Pa	4	Picea abies	Norway Spruce	6-8" Ht.	B&B	As Shown
ORNAMENTAL SHRUBS						
Ag	87	Abelia x grandiflora 'Conti'	Confetti Abelia	18-24" Ht.	#3 Can	3' oc
Iv	7	Itea virginica 'Henry's Garnet'	Virginia Sweetstip	24-30" Ht.	B&B	5' oc
Vd	3	Viburnum dentatum	Arrowwood Viburnum	3-4" Ht.	B&B	8' oc
EVERGREEN SHRUBS						
Rc	18	Rhododendron catabiense	Roseum Elegans	3-4" Ht.	B&B	5' oc
Rm	31	Rhododendron maximum	Rhododendron	4-5" Ht.	B&B	6' oc
W	27	Viburnum x rhytidophyllum	Rosebay Rhododendron	3-4" Ht.	B&B	8' oc
GROUNDCOVERS						
Ca	22	Cotoneaster apiculatus	Cranberry Cotoneaster	15"-18" Sp.	#3 Can	3' oc
Jh	14	Juniperus horizontalis 'Wiltoni'	Wiltons Blue Rug Juniper	15"-18" Sp.	#3 Can	4' oc

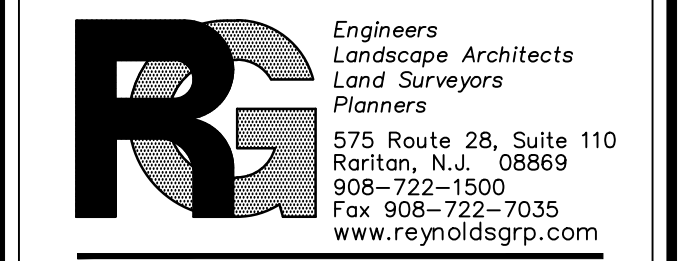


revisions

no.	date	description

LEGEND

- ⊕ GAS VALVE
- ⊕ GAS METER
- ⊕ WATER VALVE
- ⊕ HYDRANT
- ⊕ WATER METER
- ⊕ CURB STOP
- ⊕ FIRE DEPT. CONNECTION
- ⊕ DRAINAGE MH
- ⊕ CURB INLET
- ⊕ LAWN INLET
- ⊕ SANITARY MH
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- ⊕ BOLLARD
- ⊕ SIGN
- ⊕ LIGHT
- ⊕ MAIL BOX
- ⊕ GUY WIRE
- ⊕ UTILITY POLE
- ⊕ ELECTRIC MH
- ⊕ CONIFEROUS TREE
- ⊕ DECIDUOUS TREE
- X- FENCE
- RAILING
- WALL
- ⊕ GATE POST
- W- WATER LINE
- G- GAS LINE
- E- ELECTRIC LINE
- S- SANITARY LINE
- OH- OVERHEAD WIRES



The Reynolds Group Inc.

State of New Jersey
Certificate of Authorization
Number: 240427989200
21MH00004300
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N.J. LICENSED LANDSCAPE ARCHITECT AS000878

JAIN CENTER PROPOSED ARCHWAY
BLOCK 468.07, LOT 45
FRANKLIN TOWNSHIP
SOMERSET COUNTY, NEW JERSEY

LANDSCAPE PLAN

job number: 00-001-15
scale: 1"=30'
checked by: FMA
drawing title: LANDSCAPE PLAN
drawing number: SP-2
drawn by: AR
date: JANUARY 2023
sheet 4 of 5

LTR-S Specification Series 1.5W / 3W COB (Chip On Board) Wet Location LED Tape Specification Sheet

TYPE A
GMLighting®

PRODUCT OVERVIEW

The newest addition in the flexible LED tape is the COBWP (Chip On Board - Wet location) technology. Tightly spaced diodes are encapsulated into a single phosphor strip that provides a seamless linear light display with no LED pretellation. Available in 2700K, 3000K, 3500K and 4000K.

FEATURES

- 24VDC
- 2700K, 3000K, 3500K and 4000K color temps
- Remote control with GM's LUXControl® App and controllers (Requires NEMA box)
- Suitable for wet locations, IP68
- 155 LEDs per foot
- Cuttable every 2"
- 180° viewing angle
- Dimmable (ELV or MLV or LUXControl)
- 3M adhesive back
- Maximum run on a given lead is 1.5W: 32'-8" and 3W: 16'-4"
- Custom cuts only - consult factory

SPECIFICATIONS

ELECTRICAL

- 24V
- 1.5/3 watts per foot

OPTICS

- 95+ CRI

OPERATING TEMP

- -4°F to 122°F

CERTIFICATION

- UL
- IP68
- Title 24 compliant when used with specific drivers. Consult factory.

WARRANTY

- 5-year warranty when paired with GM power supply.

ORDERING INFORMATION

Example: LTR-S-COBWP-24V-3.0W-27K-XX-XX

Model	Series	Type	Location	Voltage	Wattage	Color Temp	Length
LTR	S	COB	WP	24V	1.5W	27K	XX
					3.0W	30K	
						35K	
						40K	

NOTE: Compatible with LED-CHLDX series channels.

ACCESSORIES

Model	Description
LTR-PWP-TTC-3	3" Tape to tape connector, UV sealed
LTR-PWP-TTC-6	6" Tape to tape connector, UV sealed
LTR-PWP-TTC-12	12" Tape to tape connector, UV sealed
LTR-PWP-TTC-24	24" Tape to tape connector, UV sealed
LTR-PWP-TTC-12	12 ft. power lead

CONTROLLERS

Model	Description
SHWC	LUXControl Smart 2.4 GHz WiFi Controller, Standard 120/240 Low Voltage, 1 Channel / 2 Wire
SHWC-RGBW-RPT	LUXControl Universal Smart Power Repeater

NOTE: When using SHWC Smart Controller, use LineDrive Non-Dimmable Electronic power supply only. Max 98W.

NOTE: Factory configured.

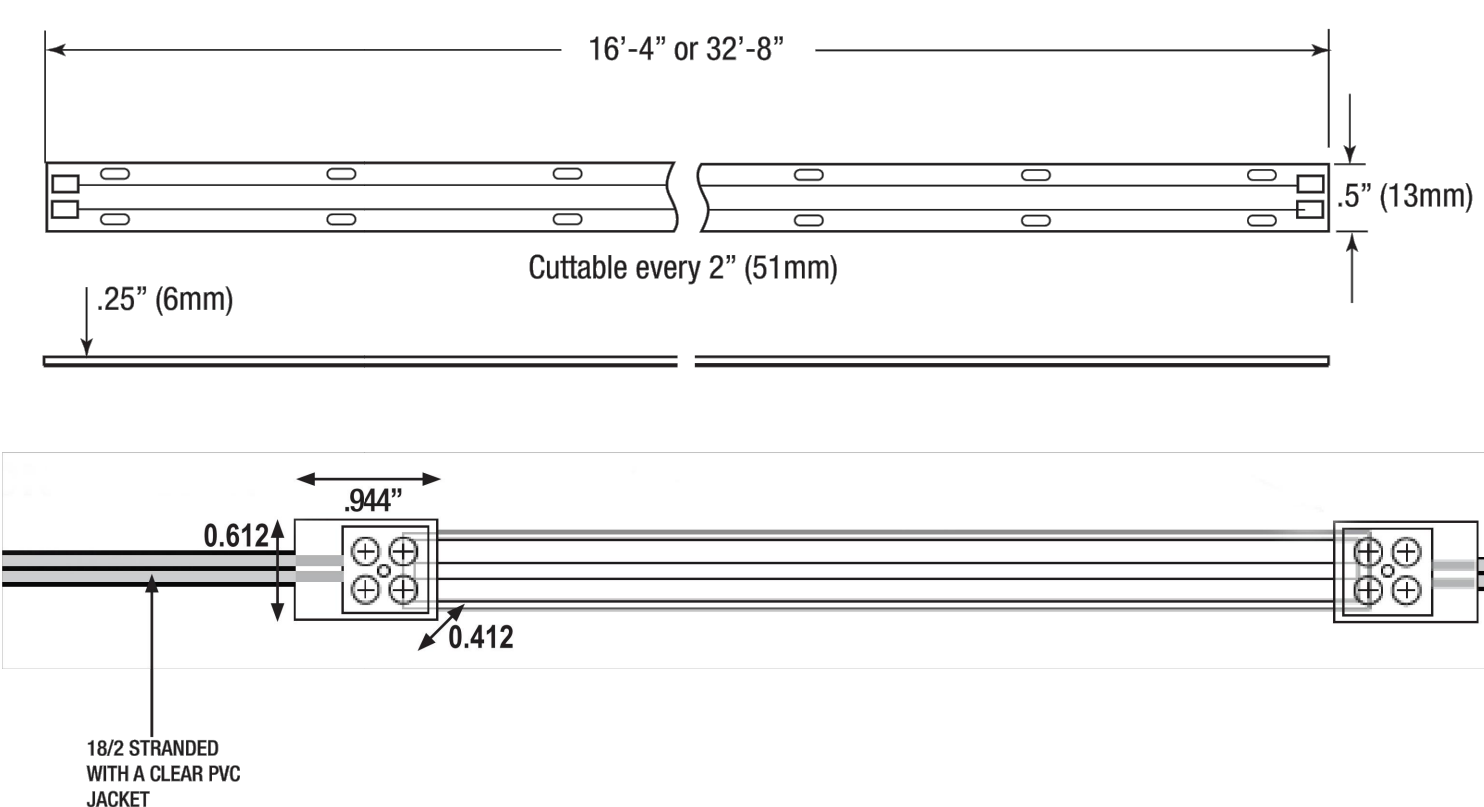
LTR-S Specification Series 1.5W / 3W COB (Chip On Board) Wet Location LED Tape Specification Sheet

TYPE A
GMLighting®

Catalog No.	Lumens	CRI	Color Temp.	Max. Run
LTR-S-COBWP-24V-1.5W-27K-XX-XX	127	95+	2700K	32'-8"
LTR-S-COBWP-24V-1.5W-30K-XX-XX	127	95+	3000K	32'-8"
LTR-S-COBWP-24V-1.5W-35K-XX-XX	127	95+	3500K	32'-8"
LTR-S-COBWP-24V-1.5W-40K-XX-XX	127	95+	4000K	32'-8"
LTR-S-COBWP-24V-3.0W-27K-XX-XX	255	95+	2700K	16'-4"
LTR-S-COBWP-24V-3.0W-30K-XX-XX	255	95+	3000K	16'-4"
LTR-S-COBWP-24V-3.0W-35K-XX-XX	255	95+	3500K	16'-4"
LTR-S-COBWP-24V-3.0W-40K-XX-XX	255	95+	4000K	16'-4"

Includes 48" lead. Custom leads available - consult factory. Kelvin temperature (color) ±100K.

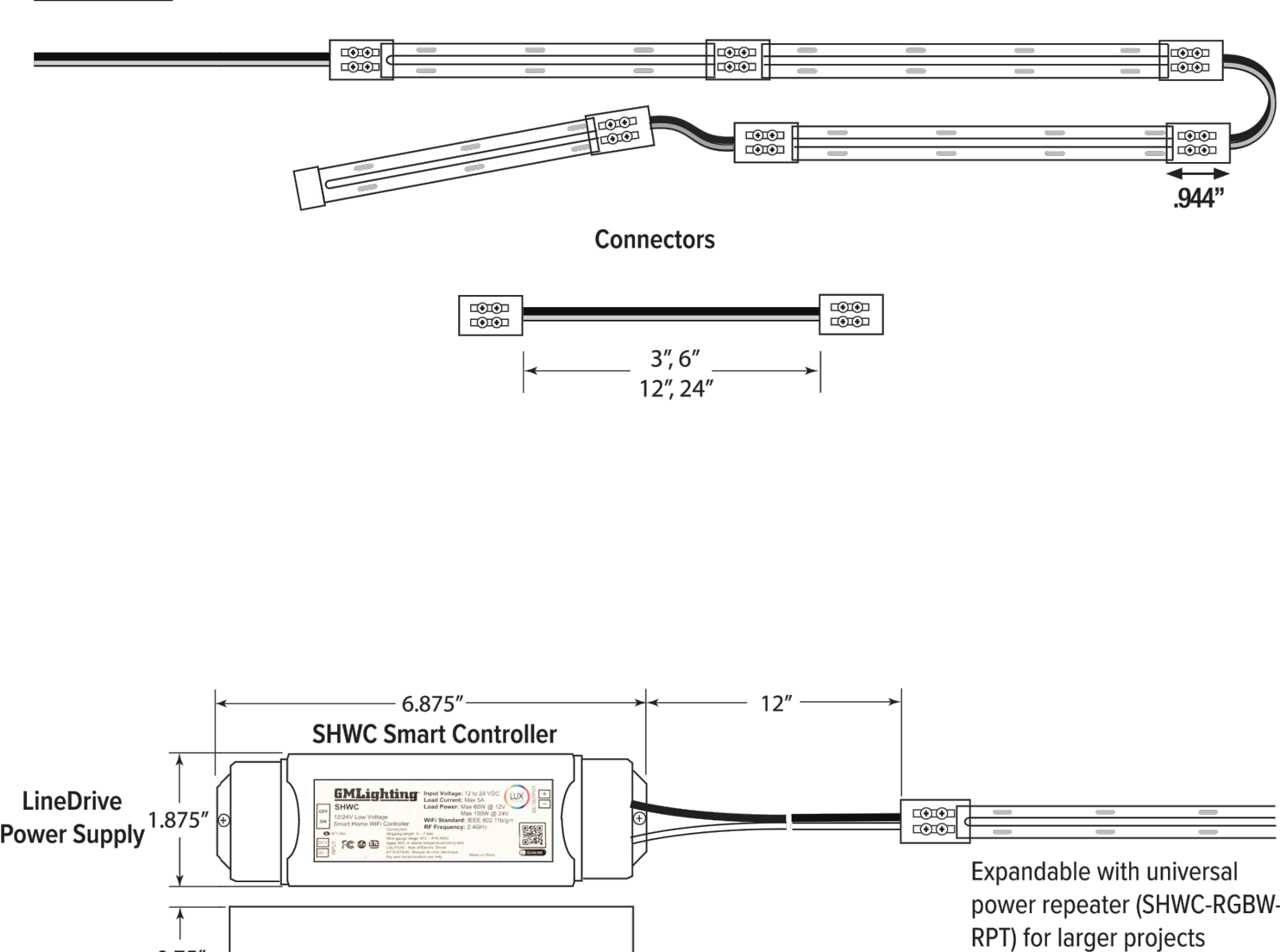
DIMENSIONS



LTR-S Specification Series 1.5W / 3W COB (Chip On Board) Wet Location LED Tape Specification Sheet

TYPE A
GMLighting®

DIMENSIONS



KIMLIGHTING® TYPE B
LTV8SS
INGRADE

DATE: LOCATION: JAN ARCHWAY
TYPE: PROJECT:
CATALOG #: LTV82 SS NF36L 3K VOLTS SR RC482 R56

LIGHT VALUETB



FEATURES

- Sealed IP68 LED light engine
- Bluetooth connectivity for remote control aiming and dimming
- Free Mobile App for Android and iOS
- Easy to install and pair devices
- Advanced thermal management provides long life in excess of 100,000+ hours
- Runs cool to the touch - less than 107°C

CONTROL TECHNOLOGY

Bluetooth

SPECIFICATIONS

HOUSING

- Four Box rough-in for installation below grade
- High temperature UV resistant thermal plastic, 3/16" minimum wall, black
- Includes a splice box with molded plastic splice cover and silicone gasket
- Three T NPT in bottom for through wiring on LTV81 and LTV82
- Two T NPT in bottom for through wiring on LTV83
- 62 cu. in. splice area for LTV82, 24 cu. in. splice area for LTV83

- Rough-in housing supplied with a protective aluminum debris shield and includes an orientation label for proper installation alignment. This allows for clean and easy installation in concrete and/or soil. Po # Box can be shipped separately as a quickship if requested.
- One-piece impregnated cast bronze component module is fully sealed and covered to the face trim from the underside.
- A high temperature, anti-siphon, IP68 sealed cable extends from the component module to the splice box inside the housing.
- The fully assembled component module is secured to the housing with (6) 1/4-20 tamper-resistant and high grade stainless steel fasteners.

- Slip Resistant Lens (SR) and Rear Cage Anchor (RCAB)
- When installed in concrete, fixture will withstand driveway by vehicle weighing up to 4,500 lb.
- Optional Rear Cage Anchor (RCAB)
- Face trim has 1/8" 304 stainless steel plate with M3 brushed finish shall cover the cast bronze Lens Frame and provide a flat surface.

OPTICS

- Spot (SP), Narrow Flood (NF), and Wall Wash (WW) optical modules are adjustable up to 15° utilizing a Bluetooth enabled motor assembly
- Clear 5/16" thick tempered glass lens and silicone gasket to retained securely within the component module.
- Optional Prismatic Lens (PL) available

ELECTRICAL

- All electronic components are UL and CSA recognized and are mounted directly to the component module for maximum heat dissipation and moisture. Driver is IP67 with 30°C minimum temperature rating.
- Product comes standard with a UL Recognized XKA surge protector.

CONTROLS

- Standard fixture dimming range is from 10% to 100% and is compatible with 0-10V, user-defined, control devices
- Standard Input Block 1:
 - White
 - Gray (600L)
 - Gray Dimming Lead (1)
 - Neutral Dimming Lead (1)
 - LINA Max

BLUETOOTH

- Integral Bluetooth module used to adjust optics and aim fixture to desired setting when paired with KIM LTV Remote App via cellular/Bluetooth device
- Fully qualified Bluetooth 1.1, 2.0, 2.1, Bluetooth V2.0+EDR compatible with Android devices running Android Gingerbread API level 9 or higher. Bluetooth 4.0 LE compatible with iOS devices - iPhone 4S and later, 8th generation iPod touch, the iPad Mini and the 3rd generation and later of the full size iPad with iOS 5 or later.

RELATED PRODUCTS

- LTV8P-RGBW
- LTV8EE
- LTV8SS-RGBW

KEY DATA

Item	Value
Lumen Range	622-2616
Wattage Range	14-44
Reported Life (Hours)	L70/60,000

KIMLIGHTING® TYPE B
LTV8SS
INGRADE

DATE: LOCATION: JAN ARCHWAY
TYPE: PROJECT:
CATALOG #: LTV82SS NF36L 3K VOLTS SR RC482 R56

ORDERING GUIDE

Catalog #	Description
Example: LTV82SS-NF-18L-4K-LV-SR-RC482	

HOUSING

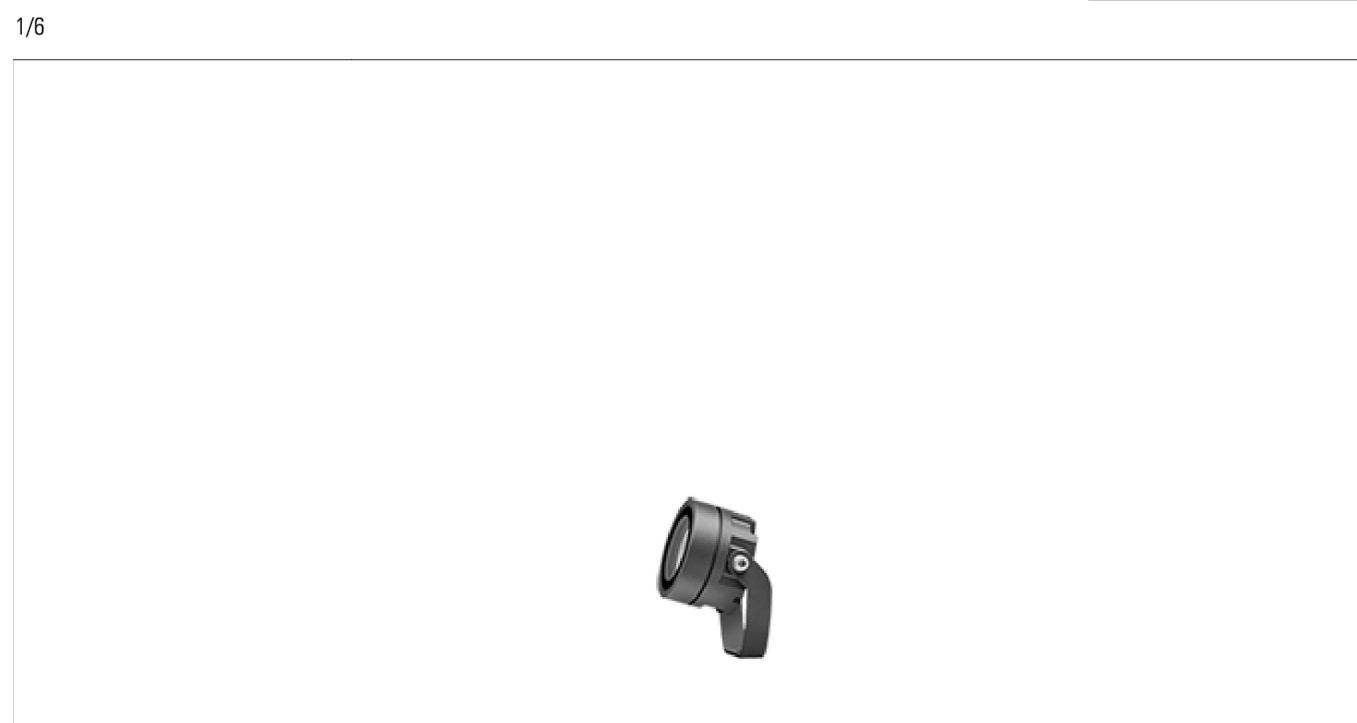
LTV8	Distribution	Source	Color Temperature	Volts	Lens Options	Rear Cage Anchor
LTV8SS	SP	Spot	3K	3000K	UV	UV-277V
LTV8SS	NF	Narrow Flood	4K	4000K	PL	Prismatic Lens
LTV8SS	WW	Wall Wash	5K	5000K	SR	Slip Resistant Lens

DELIVERED LUMENS

Optical Module	Source	Color Temp.	Absolute Lumens	Center Beam Candle Power*	Voltage	Total System Watts	Max. Amps	Beam Angle (90°) H x V
SP	36L	3K	3529	42981	42W	350 for 120V 203 for 208V 175 for 240V 152 for 277V	3.67	12.9°
		4K	3677	45492				
		5K	3658	44075				
NF	36L	3K	2981	3248	44W	367 for 120V 213 for 208V 183 for 240V 159 for 277V	3.67	53.3°
		4K	2985	3310				
		5K	3020	3379				
WW	36L	3K	3739	6083	44W	367 for 120V 213 for 208V 183 for 240V 159 for 277V	3.67	53.3°
		4K	3835	6239				
		5K	3878	6309				

TYPE C
FLC201 LED
139-2436

we-ef



Description

IP68, Class III, IK07, Marine-grade, die-cast aluminum alloy, SCE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket, Safety glass lens. One factory installed flange plug M8 1.5. Cable length 4 ft. CAD-optimized optics for superior illumination and glare control. OLCB One LED Concept. Factory-installed LED circuit board. REMOVE DRIVER IN SEPARATE DRIVER BOX (CONSTANT CURRENT). PREWIRED. TO BE ORDERED SEPARATELY. Maximum one internal optical accessory possible, to be specified at time of ordering. Specify product with 7 digit product code - Finish Color. Accessories, such as mounting, optical, and electrical, must be specified separately. Example: XXX-XXXX - 8004 (Black) + XXX-XXXX (Accessory 1)

Beam Type

symmetric, wide beam [W]

Light Source

LED-1/BW / 500 mA - 3000 K

CRI

80

Gear Type

electronic gear

Nominal Luminous Flux (lm)

LED Lumens 670 lm

LEDs 1

Total Lumens 670 lm

Tj 25 °C

Delivered Lumens Flux (lm)

LED Lumens 518.4 lm

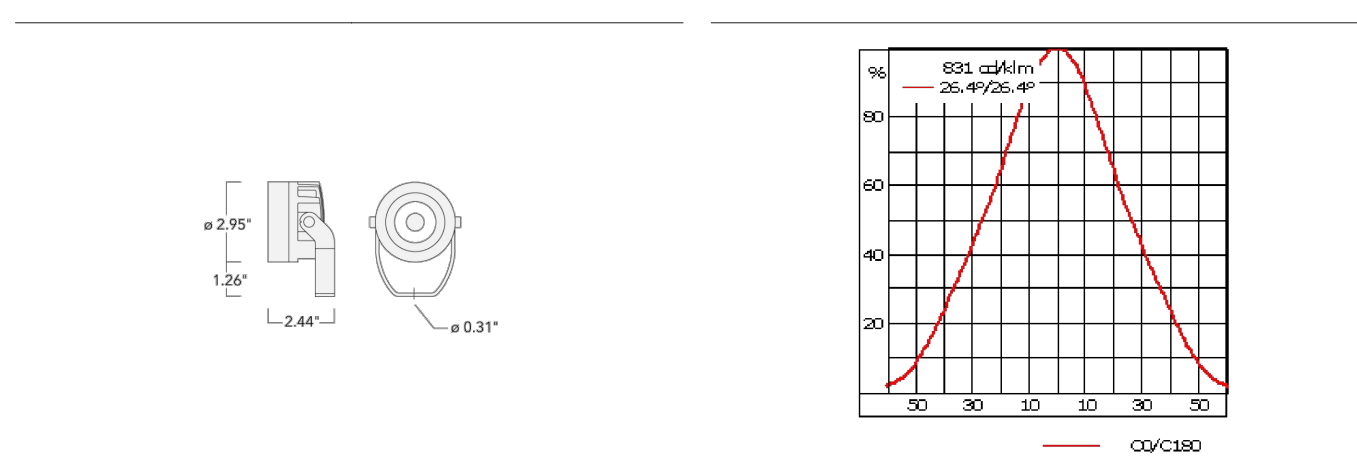
Total Lumens 518.4 lm

Ta 25 °C

Rated Input Power 7.5 W

TYPE C
FLC201 LED
139-2436

we-ef



Material Specification	Value
Body	Marine-grade, die-cast aluminum alloy
Weight (lbs):	1.10
Lens:	Safety glass lens
Colours:	<ul style="list-style-type: none"> ■ RAL8004 Black ■ RAL8007 Grey Metallic ■ RAL8018 White ■ RAL8019 Dark Bronze
Gasket:	Silicone CCG® Controlled Compression Gasket
Fasteners:	PCS Polymer Coated Stainless Steel Hardware
Ingress protection:	IP68
Impact protection:	IK07
Corrosion protection:	SCE
Windage (IEPA):	0.006 m²
Electrical Specification	
Power factor:	> 0.9
Driver / Ballast:	Remote 120-277V, 0-10V (Dimming to be ordered separately)
Lifetime	Ta=40° L90/B10 = 80000h

Optical Accessories

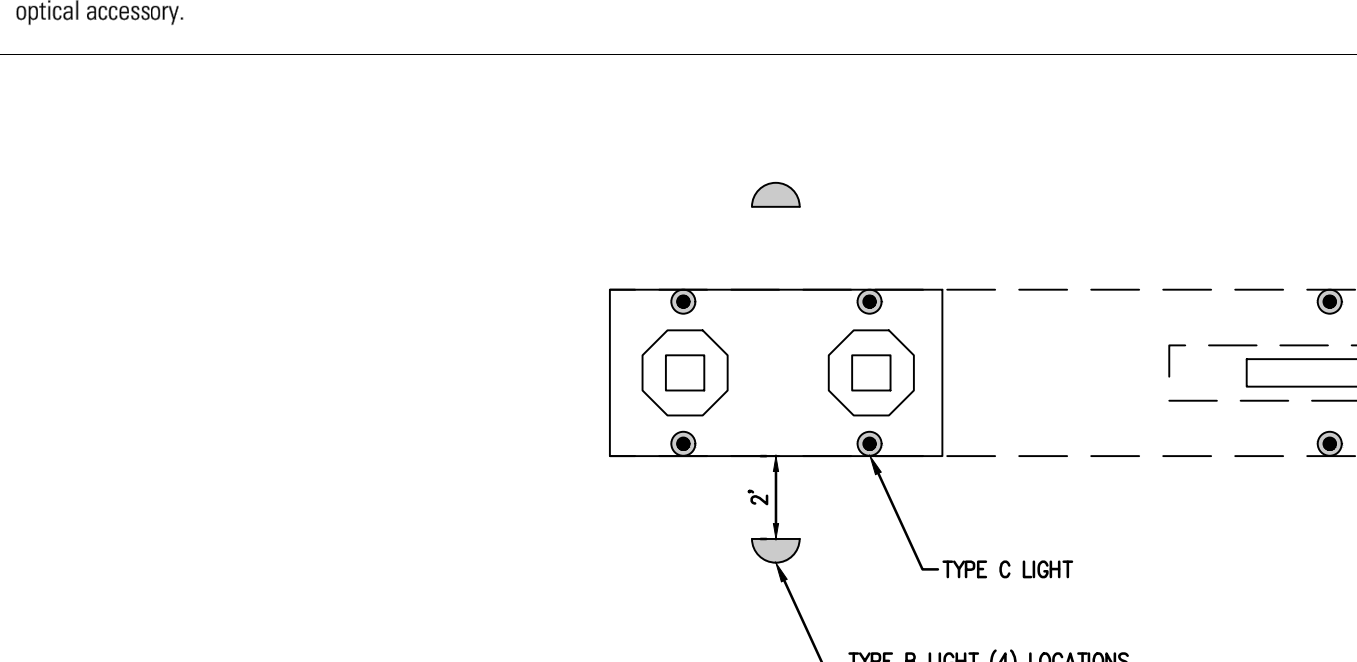
Glare shield
Glare shield made from corrosion resistant aluminum. Inner surfaces matt black powdercoated.

TYPE C
FLC201 LED
139-2436

we-ef

3/8	A	C1
139-2455	58.5	75

Honeycomb louvre
Honeycomb louvre, matt black Teflon® coated. For luminaires equipped with [E] [EE] [EES] light distribution. A maximum of one internal optical accessory.



LIGHTING SCHEDULE

Schedule	Label	QTY	Manufacturer	Catalog Number	Lamp	Notes
0.88	A	2	GM LIGHTING	LINEAR LOW PROFILE SIGN LIGHT	3W LED 3000K	
0.88	B	4	KIM LIGHTING	LTR S COB WP 24 3.0 30K 22' R56 30' LEAD SHWC	42W LED 3000K	
0.88	C	12	WE-EF LIGHTING	H GRADE UP-LIGHT LTV82SS NF 36L 3K VOLTS SR RC482 R56	7.5W LED 3000K	

revisions		
no.	date	description

LEGEND

- ⊕ GAS VALVE
- ⊕ GAS METER
- ⊕ WATER VALVE
- ⊕ HYDRANT
- ⊕ WATER METER
- ⊕ CURB STOP
- ⊕ FIRE DEPT. CONNECTION
- ⊕ DRAINAGE MH
- ⊕ CURB INLET
- ⊕ LAWN INLET
- ⊕ SANITARY MH
- ⊕ CLEANOUT
- ⊕ BOLLARD
- ⊕ SIGN
- ⊕ LIGHT
- ⊕ MAIL BOX
- ⊕ GUY WIRE
- ⊕ UTILITY POLE
- ⊕ ELECTRIC MH
- ⊕ CONIFEROUS TREE
- ⊕ DECIDUOUS TREE
- ⊕ FENCE
- ⊕ RAILING
- ⊕ WALL
- ⊕ GATE POST
- ⊕ WATER LINE
- ⊕ GAS LINE
- ⊕ ELECTRIC LINE
- ⊕ SANITARY LINE
- ⊕ OVERHEAD WIRES

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State of New Jersey
Certificate of Authorization
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21MH00004300
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Project:
**JAIN CENTER
PROPOSED ARCHWAY**
BLOCK 468.07, LOT 45
FRANKLIN TOWNSHIP
SOMERSET COUNTY, NEW JERSEY

job number: 00-001-15
scale: AS SHOWN
checked by: FMA
drawn by: AR
date: JANUARY 2023
drawing number: SP-3
sheet 5 of 5