County Review Submittal

SULLIVAN'S GROCERY

MANNSDALE, MADISON COUNTY, MISSISSIPPI

Scale : 1/16" = 1'-0"
0" 10" 20" 40" 80"

Scale : 1/8" = 1'-0"
0' 4' 8' 16' 32'

Scale : 1/4" = 1'-0"
0' 1' 5' 10' 20'

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Project No: 21024 Revisions:
Date: 7-27-21
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SULLIVAN'S GROCERY
MANNSDALE
MADISON, MISSISSIPPI

Sheet Number : G001
of Sheets

0' 10' 20' 40' 80'

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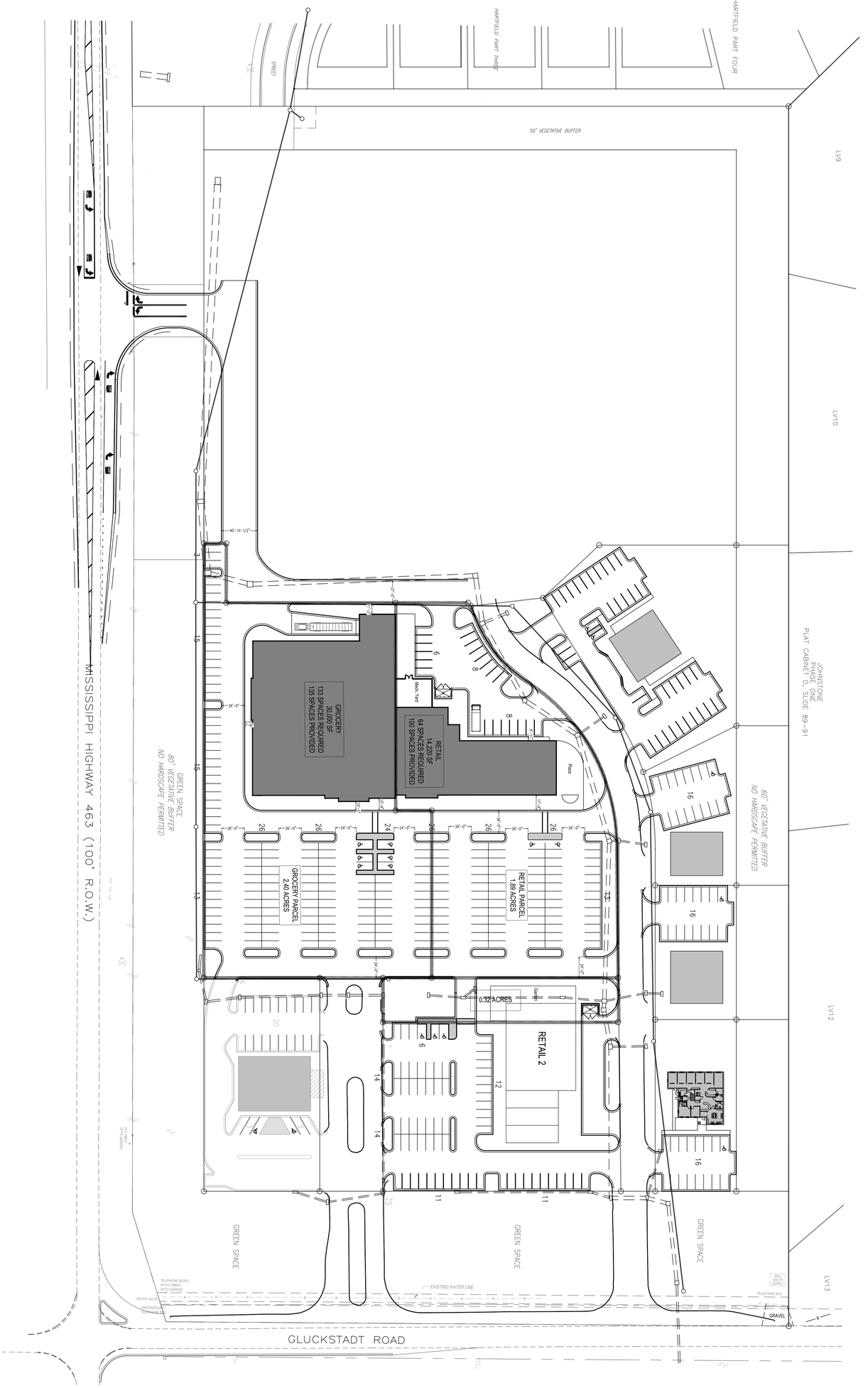

1 SITE PLAN
1" = 50'-0"

Conceptual Site Master Plan Only. Property of Dean and Dean Associates Architects. Not to be used for further development or construction. Property lines, grades, utilities, and all Outside references to adjacent properties are preliminary in nature and not accurate for further Use.

Sheet Number : C100 of Sheets

SULLIVAN'S GROCERY

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SITE PLAN

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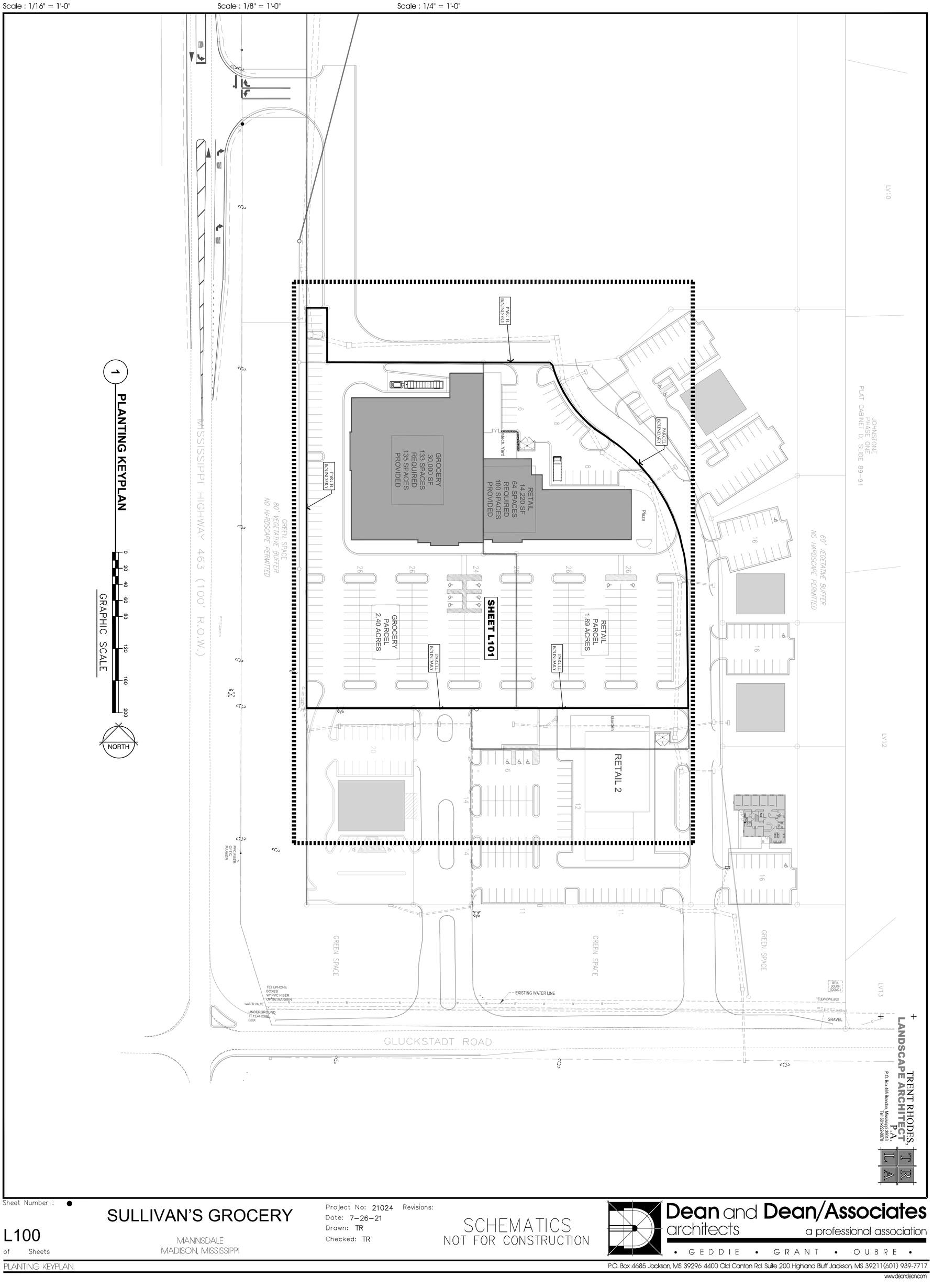

1 PLANTING KEYPLAN

GRAPHIC SCALE

0 20 40 60 80 120 160 200

NORTH

TRENT RHODES, P.A.
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P.O. Box 465 Brandon, Mississippi 39043
Tel: 601-992-0070

Sheet Number : L100 of Sheets

PLANTING KEYPLAN

SULLIVAN'S GROCERY

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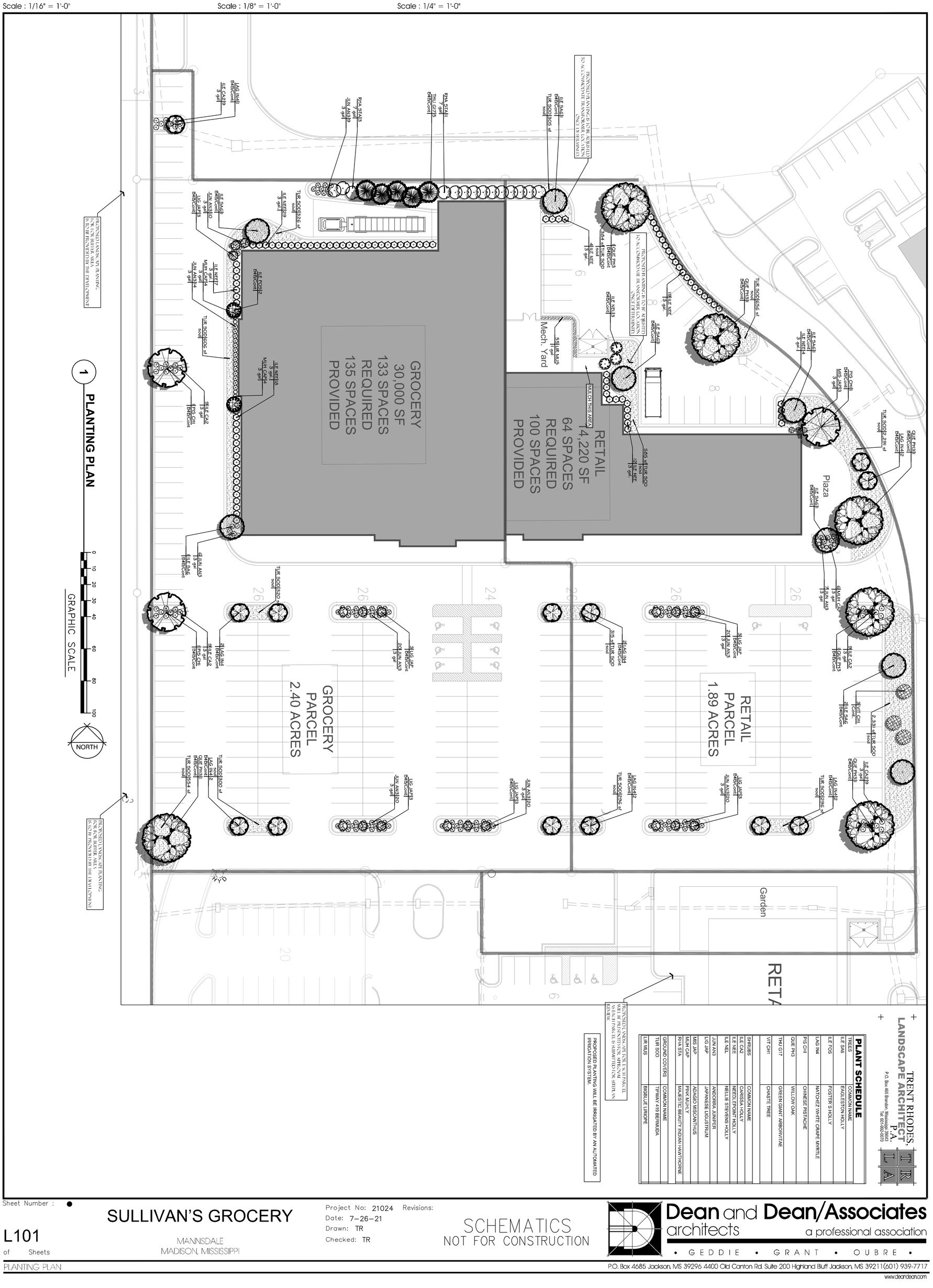

1 PLANTING PLAN

GRAPHIC SCALE 0 10 20 30 40 60 80 100

PLANT SCHEDULE

TREES	COMMON NAME	
ILE 3A6	EAGLESTON HOLLY	
ILF FOS	FOSTER'S HOLLY	
LAG IN4	NATCHEZ WHITE CRAPE MYRTLE	
PIS CHI	CHINESE PISTACHE	
QUE PH3	WILLOW OAK	
THU G17	GREEN GIANT ARBORVITAE	
VIT CHI	CHASTE TREE	
SHRUBS	COMMON NAME	
ILE CA2	CARISSA HOLLY	
ILE NEE	NEEDLEPOINT HOLLY	
ILE NEL	NELLIE STEVENS HOLLY	
JUN AN3	ANDORRA JUNIPER	
LIG JAP	JAPANESE LIGUSTRUM	
MIS JAP	ADAGIO MISCANTHUS	
MUH CAP	PINK MUHLY	
RHA STA	MAJESTIC BEAUTY INDIAN HAWTHORNE	
GROUND COVERS	COMMON NAME	
TUR SOD	TIFWAY 419 BERMUDA	
LIR MUS	BIGBLUE LIRIOPE	

TRENT RHODES, P.A. LANDSCAPE ARCHITECT
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PLANTING PLAN

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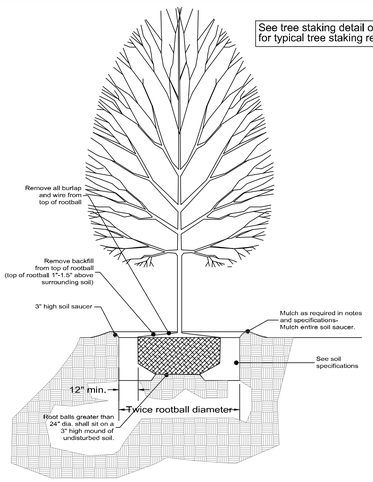
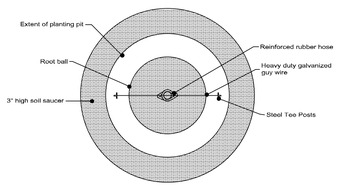
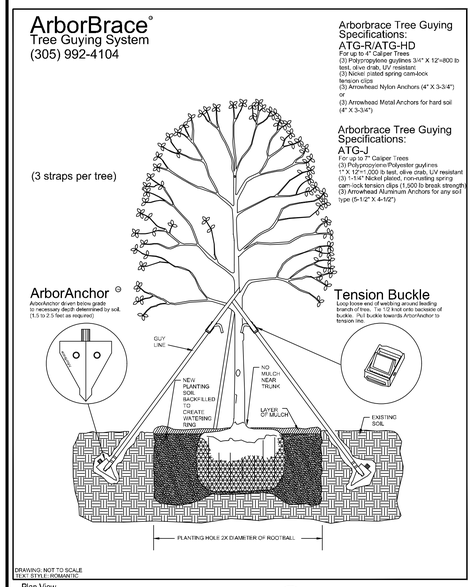


Tree Planting Detail — Elevation
Not to scale

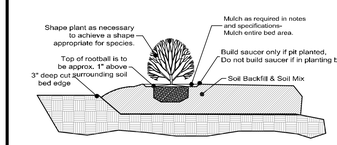


Tree Planting Detail
Not to scale

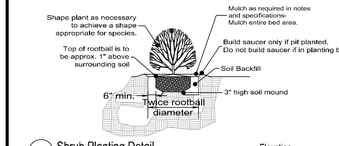


Plan View

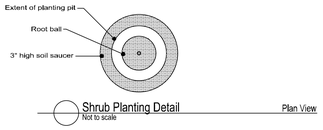
Typical Tree Staking Detail
Not to scale-Required on all tree planting.



Shrub Planting Detail — Elevation
Not to scale — Bed Planting



Shrub Planting Detail — Elevation
Not to scale — Pit Planting-Allowed only if noted specifically on plan.



Shrub Planting Detail — Plan View
Not to scale

It shall be the contractor's responsibility to determine if planting areas may hold water in the bottom of planting pits. A 6" deep layer of washed gravel shall be included in the contractor's pricing.
The project general contractor is to backfill behind curbs with well drained topsoil prior to the landscape contractor incorporating bed preparation. All areas behind curbs shall be mounded to drain water over the top of adjacent curb. (typ)
***All plant material must meet both minimum height and container size requirements.

The landscape contractor shall be responsible for setting the irrigation controller after installation to deliver the appropriate amount of water for the plant material onsite.

Plant material noted as Cont. shall be container grown and of the size specified.(See below for time of planting material noted as Cont/B&B)
B&B material shall be used if planting occurs between October and April.
Container material shall be used if planting occurs between May through September.

A 42" minimum diameter x 4" thick pinestraw mulch ring shall be provided and installed around all tree plantings.
All planting areas shall receive a 4" thick layer of pinestraw mulch. All mulch shall be fresh, free of trash,sticks and debris.
Sod and seed quantities are only approximate. The contractor shall verify the exact sod area onsite prior to submitting pricing

Apply soil mix to all planting areas at a minimum rate of 1.54 cubic yard per 100 square feet (5" THICK MIN.) and till with existing soil.

***THE LANDSCAPE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE PRIOR TO BEGINNING PLANTING BED PREPARATION TO ALLOW THE OWNER'S REPRESENTATIVE TO OBSERVE SOIL INSTALLATION IN PROGRESS. NO PLANTING SHALL BE INSTALLED UNTIL AUTHORIZED BY THE OWNER'S REPRESENTATIVE.**

If seeding takes place outside of the optimum seeding timeframe for the warm season grass noted, then the contractor shall seed with the appropriate cool season grass and then seed again with the warm season grass seed variety in the spring of the year.
The contractor shall include both seedings in their pricing.

***All seed/sod areas are to receive a 3" thick layer of well drained organic topsoil prior to applying seed or sod. Topsoil shall be free of roots, sticks, clods and debris. The topsoil shall be tilled into the top 6" of the soil below and graded smooth prior to sod or seed application.**
***This requirement is in addition to any other topsoil requirements found in the drawings or specifications and is to be installed as part of the landscape phase of the project. Elevations beneath topsoil must account for the application of this soil to achieve proposed finished grade elevations. The topsoil must be tested by a qualified soil testing laboratory, for fertility, organic content, soil composition, PH and water retention characteristics prior to spreading. Based on those results the soil shall be amended in accordance with the laboratory's recommendations.**
Topsoil shall be fertile, friable, natural topsoil of a loamy, well drained character without admixture of clay, hardpan, mulch, marl, shell or fine sand and capable of sustaining vigorous plant/turf growth. It shall contain a normal amount (3%-5%) of decomposed organic matter and shall be free of stones, lumps, plants or their roots, or seeds, sticks, weeds and other extraneous matter and shall contain no substance or material inhibitory to plant growth. The results of soil after amending according to soil tests shall show that topsoil pH is between 5.5 and 7 and that topsoil is free of excessive soluble salts at time of use.

PLANT SCHEDULE

TREES	COMMON NAME	BOTANICAL NAME	SIZE	MIN. CALIPER	MIN. HT		QTY	DETAIL	REMARKS
ILE SA6	EAGLESTON HOLLY	ILEX X `EAGLESTON`	B&B/CONT	2"CAL	10`-12`		8		FULL HEALTHY WELL FORMED PLANT, SINGLE TRUNK STREET TREE SPECIMEN, TREE FORM.
ILE FOS	FOSTER`S HOLLY	ILEX X ATTENUATA `FOSTERI`	B&B/CONT	1.5"CAL	8`-10`		2		FULL HEALTHY WELL FORMED PLANT, STRAIGHT TRUNK, TREE FORM, SPECIMEN QUALITY.
LAG IN4	NATCHEZ WHITE CRAPE MYRTLE	LAGERSTROEMIA INDICA `NATCHEZ WHITE`	B&B/CONT		8`-10` MIN HT		13		MULTI-TRUNK, 3-5 TRUNKS, TREE FORM, MIN. CANOPY SPREAD-4`, SPECIMEN QUALITY.
PIS CHI	CHINESE PISTACHE	PISTACIA CHINENSIS	B&B/CONT	1.5"CAL	8`-10`		3		STREET TREE SPECIMEN, STRAIGHT TRUNK, FULL CANOPY
QUE PH3	WILLOW OAK	QUERCUS PHELLOS	B&B/CONT	2"CAL	10`-12`		6		STREET TREE SPECIMEN, STRAIGHT TRUNK, FULL CANOPY.
THU G17	GREEN GIANT ARBORVITAE	THUJA X `GREEN GIANT`	B&B/CONT		8`-10`		5		FULL HEALTHY WELL FORMED PLANT, FULL TO GROUND.
VIT CH1	CHASTE TREE	VITEX AGNUS-CASTUS	CONT.		4`-5`		3		MULTI TRUNK, FULL HEALTHY WELL FORMED PLANT.
SHRUBS	COMMON NAME	BOTANICAL NAME	SIZE	HEIGHT			QTY	DETAIL	
ILE CA2	CARISSA HOLLY	ILEX CORNUTA `CARISSA`	3 GAL				45		FULL HEALTHY, WELL FORMED PLANT.
ILE NEE	NEEDLEPOINT HOLLY	ILEX CORNUTA `NEEDLEPOINT`	3 GAL.				93		FULL HEALTHY WELL FORMED PLANT.
ILE NEL	NELLIE STEVENS HOLLY	ILEX X `NELLIE R STEVENS`	B&B/CONT				3		FULL HEALTHY WELL FORMED PLANT, FULL TO GROUND, SPECIMEN QUALITY, 5` MIN. HT.
JUN AN3	ANDORRA JUNIPER	JUNIPERUS HORIZONTALIS PLUMOSA `ANDORRA`	3 GAL				146		FULL HEALTHY WELL FORMED PLANT.
LIG JAP	JAPANESE LIGUSTRUM	LIGUSTRUM JAPONICUM	B&B/CONT				18		TREE FORM, 3-5 TRUNKS, 3'-4'TALL MIN., FULL HEALTHY PLANT.
MIS JAP	ADAGIO MISCANTHUS	MISCANTHUS SINENSIS `ADAGIO`	3 GAL				3		FULL HEALTHY WELL FORMED PLANT.
MUH CAP	PINK MUHLY	MUHLENBERGIA CAPILLARIS	3 GAL				14		FULL HEALTHY WELL FORMED PLANT
RHA STA	MAJESTIC BEAUTY INDIAN HAWTHORNE	RHAPHIOLEPIS INDICA `MAJESTIC BEAUTY` TM	7 GAL				14		FULL HEALTHY WELL FORMED PLANT.
GROUND COVERS	COMMON NAME	BOTANICAL NAME	SIZE	CONTAINER		SPACING	QTY	DETAIL	
TUR SOD	TIFWAY 419 BERMUDA	CYNODON DACTYLON `TIFWAY 419`	SOD				9,565 SF		HEALTHY DISEASE FREE SOD WITH A MIN 1" SOIL BASE BENEATH.
LIR MUS	BIGBLUE LIRIOPE	LIRIOPE MUSCARI `BIGBLUE`	1 GAL			16" o.c.	55		FULL HEALTHY WELL FORMED PLANT.

MATERIALS
A. Plant Materials
(1) All plant materials delivered to the site must conform to the specifications of Federal, State and County laws, requiring inspection for plant diseases and insect infestations. Plants must comply to American Nursery Stock Standards.
(2) Plants delivered to the site shall be adequately protected from the sun and wind during delivery and when stockpiled on the site prior to planting. They shall be watered adequately. Containers shall be free of weeds.
(3) The Owner's Representative shall be notified in writing one week prior to planting to inspect all or major portions of the plant materials to be used in the project.
(4) The Owner's Representative shall have the right to reject plants prior to and during progress of work for size, conditions of top structure, condition of root structure, defects or injuries, or nonconformity to Specifications.
B. Fertilizer
(1) Plants shall be fertilized at planting with timed release fertilizer.

FINE GRADING AND SOIL PREPARATION
(1). Spread and till in topsoil as needed to bring planting beds to required grade.
(2). Planting beds are to be mounded 8" min above existing grade after settlement to ensure a good planting medium and enhance drainage. Maintain drainage patterns and drainage swales. Always maintain drainage away from buildings or structures.
(3). Soil mix to be a sandy well drained organic mix free from debris, stones, and seeds.
(4). Soil shall be free of extraneous matter and weeds and shall consist of (3) parts topsoil ,one (1) part organic matter (peat and soil conditioner) and one (1) part sand by volume. See item #2 of this section for depth requirement.
(5). All sand for plant beds and plant pits shall be clean, sharp masonry sand free from deleterious matter.
(6). Pre-emerge herbicide: For planting soil in planting beds and shrub and tree pits shall be incorporated prior to installation of plant material. Contractor shall use Surflan, unless otherwise approved by Landscape Architect. Treat all bed areas except annual and perennial areas with Surflan pre-emergent herbicide according to the manufacturer's recommendations. Deliver in sealed manufacturer's container and apply according to manufacturer's recommendations. Submit product data to Architect for approval of any changes prior to application.
(7). Root Stimulator: Shall be applied to all plant material at time of installation. Submit product data to Architect for approval prior to application.
(8). Fertilizer: For flowering species, apply 14-26-6 per label instructions upon initiation of vegetative growth in spring. For non-flowering species, apply 20-6-112 per label instructions at new growth in spring and again in July. Winterize in late-August with 5-10-31 fertilizer at 4 lbs per 1,000 square feet.
(9). Seed areas should be tilled and fine graded. A generous application of wheat straw shall be applied after seed broadcast on all seed areas.. Seed and straw shall be crimped on slopes greater than 3:1.

PLANTING AND MULCHING
(A). Planting shall take place only after all soil preparation has taken place and has been approved by Landscape Architect.
(B). Installation of container stock-
(1) Planting holes or pits should be approximately twice the volume of the plant and soil in container or root ball. They should be angular with roughened sides and loose soil on the bottom.
(2) Prune any damaged, broken or dead roots so that ends are clean before planting. Prune back top growth as need to balance size of plant related to root mass.
(3) Large stock should be set on a layer of several inches of topsoil with loosened soil beneath, stock from "Containers" and flats shall be set in planting bed areas that have soil mix incorporated to a minimum depth of 10". Plants are to be placed so that the root crown will not be below the soil surface or greatly elevated when filling is completed. Top of shrub root ball should be approx. 1"-1.5" above surrounding soil.
and top of tree root ball should be approximately 1.5"-2" above surrounding soil.
(4) A 3" high soil saucer should be prepared around the planting hole to retain water and is to be removed after 1 year.
Tamp soil occasionally while backfilling with soil which is well broken up and well mixed.
(5) Tamp lightly around the outside of backfill, holding plant at correct level, then tamp closer to plant. Water thoroughly. Large specimens will require watering midway through the backfill process as well as when backfill is completed.
(6) Water the entire planted area before leaving the worksite and at the close of each planting day.
(7) Trees and shrubs taller than four feet may require staking. If required, drive stakes securely into ground, outside of root area. Stakes should extend to just below the lower limbs of the tree. Wire run through rubber hose is placed around the tree, then wrapped around the stake and secured firmly. Tree should be able to move a few inches, but wire should be secure and not touch the tree directly. Stakes must be removed after one year.
8) Burlap on balled and burlap plant material shall be cut from the top of the root ball or turned down into the planting pit, leaving not burlap visible.
Any containing material left in the planting bed shall be biodegradable.

All shrub and groundcover planting shall be in uniformly tilled beds to a depth of 12" below grade with existing soil and sandy soil mix. Beds should be mounded a minimum of 6" above existing grade.
Seed & straw (wheat straw) all disturbed or bare areas.
Mulch as noted in plant list.
At no time should the planting beds adjacent to any structure be higher than the finished floor of that structure.
Always maintain positive water flow away from structures.
Finished planting beds and mulch adjacent to structures shall always be below the finished floor elevation.

The landscape contractor shall provide a full one year warranty on all plant material and labor beginning on date of final acceptance.
Once notified during the warranty period of plant material that need to be replaced, the landscape contractor shall replace that material within 14 calendar days of notification.
*All sod shall be soaked and rolled with water filled roller after laying to ensure smooth surface and good ground contact.
All seed areas shall have significant germination within 21 days. If significant germination is not evident, then the area shall be reseeded at no aCDitional cost to the owner until significant germination is achieved..
Planting Soil at the perimeter of any building should be a minimum of 5" below finished floor elevation.

Planting beds adjacent to buildings shall be sloped away from the building to allow rapid removal of surface water and shall not allow water to stand, pond or move slowly, resulting in perculation into the subgrade.
Irrigation water should be limited to only that water that is required for plant survival. Any excess water application shall be avoided.

All plant material and labor shall be covered by a full one year warranty whether the plant material is under irrigation or not.
Caliper and height requirements are minimums. All plant material shall be required to meet both height and caliper requirements.

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PLANTING SPECIFICATIONS

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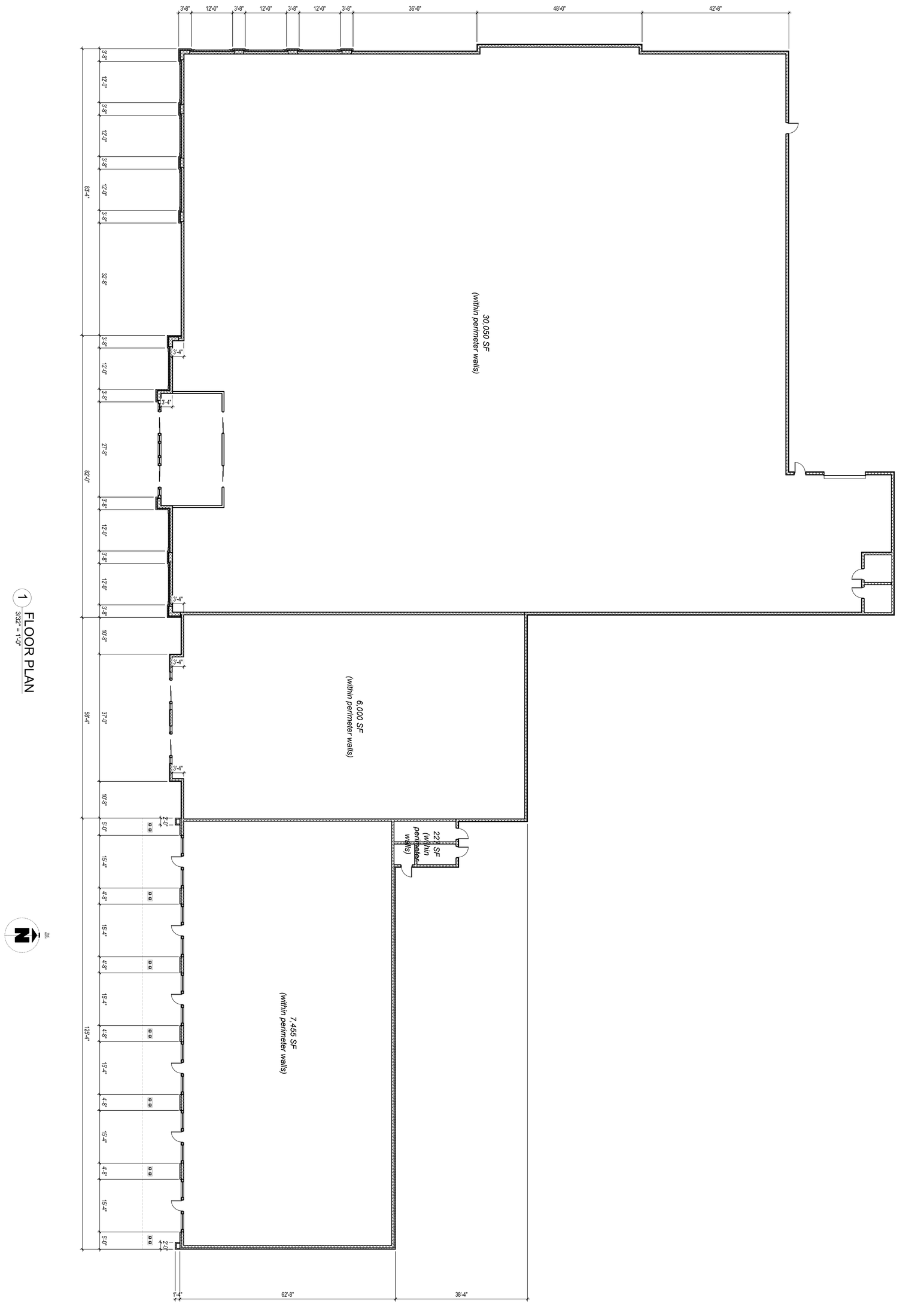

1 FLOOR PLAN
3/32" = 1'-0"

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PLANS

SULLIVAN'S GROCERY

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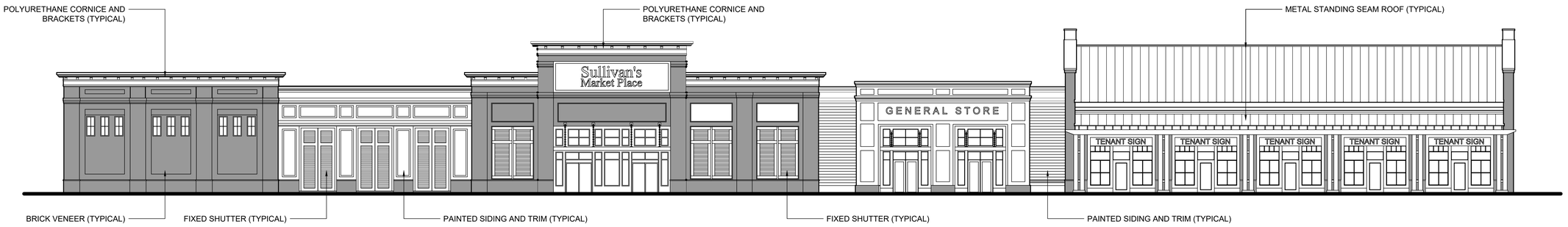

1 SOUTH ELEVATION
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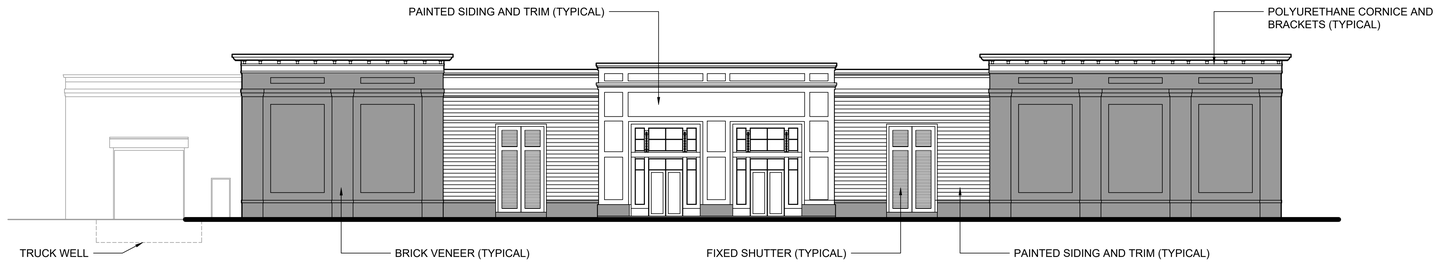
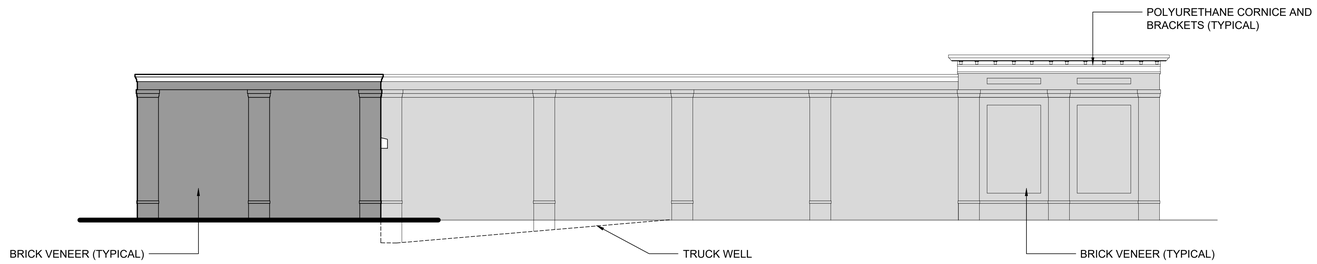


2 WEST ELEVATION
3/32" = 1'-0"



3 NORTH ELEVATION
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ELECTRICAL LEGEND

GENERAL NOTES

1. ALL EQUIPMENT AND DEVICES ARE TO BE FLUSH MOUNTED UNLESS OTHERWISE NOTED.
2. DEVICES NOTED AS "GFI" SHALL BE GROUND FAULT CIRCUIT INTERRUPTING DEVICES.
3. DEVICES NOTED AS "WP" SHALL BE WEATHERPROOF WHILE-IN-USE.
4. DEVICES NOTED AS "DL" SHALL BE RATED FOR DAMP LOCATION.
5. DEVICES NOTED AS "NL" SHALL BE NIGHT LIGHTS. PROVIDE UNSWITCHED POWER TO FIXTURE.
6. DEVICES NOTED AS "WG" SHALL BE PROVIDED AND INSTALLED WITH A WIRE GUARD.
7. DEVICES NOTED AS "TR" SHALL BE TAMPER RESISTANT.
8. PROVIDE UNSWITCHED POWER TO EMERGENCY BATTERY PACKS.

LUMINAIRES (See Light Fixture Schedule)

NOTE: THE NUMBER INSIDE THE CIRCLE IS THE CIRCUIT NUMBER. THE LETTER BESIDE THE SYMBOL IS THE FIXTURE TYPE DESCRIBED IN THE LIGHT FIXTURE SCHEDULE.

- 2'X4' RECESSED FIXTURE.
- 2'X4' RECESSED EMERGENCY FIXTURE.
- 2'X4' RECESSED FIXTURE WITH EMERGENCY AND NORMAL CIRCUITRY.
- SURFACE MOUNTED OR SUSPENDED FIXTURE.
- SURFACE MOUNTED OR SUSPENDED EMERGENCY FIXTURE.
- RECESSED CEILING FIXTURE.
- RECESSED EMERGENCY CEILING FIXTURE.
- PENDANT MOUNT FIXTURE.
- CEILING MOUNTED EXIT SIGN. PROVIDE CHEVRONS AS INDICATED BY ARROWS.
- EXIT SIGN WITH EMERGENCY LIGHTING.
- WALL MOUNTED EXIT SIGN. PROVIDE CHEVRONS AS INDICATED BY ARROWS.
- EMERGENCY LIGHTING.
- WALL MOUNTED FIXTURE.
- SITE ARM MOUNT POLE LIGHT FIXTURE.
- SURFACE MOUNTED TRACK AND TRACK LIGHTING FIXTURE.

FIRE ALARM SYSTEM

- MANUAL PULL STATION. MOUNT 48"A.F.F. TO CENTERLINE OF BOX.
- SMOKE DETECTOR.
- THERMAL DETECTOR.
- DUCT SMOKE DETECTOR IN RETURN DUCT.
- DUCT SMOKE DETECTOR IN SUPPLY DUCT.
- FACP: FIRE ALARM CONTROL PANEL. CIRCUIT BREAKER SHALL BE COLORED RED.
- FAAP: FIRE ALARM ANNUNCIATOR PANEL.
- FS: FLOW SWITCH.
- TS: TAMPER SWITCH.
- FAHS: FIRE ALARM HORN AND STROBE MOUNTED ON THE CEILING TO A FLUSH MOUNTED BOX.
- FAS: FIRE ALARM STROBE MOUNTED ON THE CEILING TO A FLUSH MOUNTED BOX.
- MFSS: SUPERVISED CIRCUIT FROM THE FIRE ALARM PANEL TO MONITOR THE KITCHEN HOOD FIRE SUPPRESSION SYSTEM.
- GSR: GAS SOLENOID RELAY CIRCUIT FROM THE FIRE ALARM SYSTEM.

SWITCHES

- $: SINGLE-POLE, SINGLE-THROW SWITCH. MOUNT CENTERLINE OF BOX AT 45"A.F.F. UNLESS NOTED OTHERWISE.
- 3: THREE-WAY SWITCH. MOUNT CENTERLINE OF BOX AT 45"A.F.F. UNLESS NOTED OTHERWISE.
- ϕ: LED DIMMER EQUAL TO LEVITON #IP710-LFZ MOUNT CENTERLINE OF BOX AT 45"A.F.F. UNLESS NOTED OTHERWISE.
- M_S: AUTOMATIC WALL SWITCH. SENSORSWITCH #WSD-PDT OR APPROVED EQUAL. MOUNT CENTERLINE OF BOX AT 45" A.F.F. UNLESS NOTED OTHERWISE.
- M_ϕ: AUTOMATIC WALL SWITCH WITH INTEGRAL 0-10V DIMMER. SENSORSWITCH #WSX-PDT-D-VA OR APPROVED EQUAL. MOUNT CENTERLINE OF BOX AT 45"A.F.F. UNLESS NOTED OTHERWISE.
- $T: HORSEPOWER RATED SWITCH WITH THERMAL OVERLOADS (MANUAL MOTOR STARTER).
- MOT: PASSIVE INFRARED AND ULTRASONIC DUAL TECHNOLOGY OCCUPANCY SENSOR WITH A 12' RADIAL COVERAGE. CEILING MOUNTED. SENSORSWITCH #CM-PDT-9 OR APPROVED EQUAL.
- MOT: PASSIVE INFRARED AND ULTRASONIC DUAL TECHNOLOGY OCCUPANCY SENSOR WITH A 28' RADIAL COVERAGE. CEILING MOUNTED. SENSORSWITCH #CM-PDT-10 OR APPROVED EQUAL.
- PP: POWER PACK MOUNTED ABOVE CEILING. SENSORSWITCH #PP20 OR APPROVED EQUAL.

GEAR

- ???/??: NON-FUSED DISCONNECT SWITCH. TEXT INDICATES AMPACITY/NUMBER OF POLES/ENCLOSURE TYPE.
- PANELBOARD.

RECEPTACLES

- DUPLEX RECEPTACLE, NEMA 5-20R, MOUNTED 18" A.F.F. TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE.
- DOUBLE DUPLEX RECEPTACLE, NEMA 5-20R, ONE COVER PLATE, MOUNTED 18" A.F.F. TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE.
- DOUBLE DUPLEX RECEPTACLE, NEMA 5-20R, ONE COVER PLATE, MOUNTED WITH BOTTOM OF BOX 2" ABOVE COUNTER BACKSPLASH. WHERE THERE IS NO BACKSPLASH MOUNT 6" ABOVE COUNTER. WHERE RECEPTACLE IS SHOWN IN AN AREA WITH NO COUNTER, MOUNT 45"A.F.F. TO CENTERLINE OF BOX.
- DUPLEX RECEPTACLE, NEMA 5-20R, MOUNTED WITH BOTTOM OF BOX 2" ABOVE COUNTER BACKSPLASH. WHERE THERE IS NO BACKSLPASH MOUNT 6" ABOVE COUNTER. WHERE RECEPTACLE IS SHOWN IN AN AREA WITH NO COUNTER, MOUNT 45"A.F.F. TO CENTERLINE OF BOX.
- DF: DUPLEX RECEPTACLE, NEMA 5-20R, FOR DRINKING FOUNTAIN FED FROM GFCI BREAKER. MOUNTED IN ACCORDANCE WITH MANUFACTURER'S ROUGH-IN REQUIREMENTS. VERIFY CONNECTION TYPE PRIOR TO BID. RECEPTACLE SHALL BE MOUNTED, CONCEALED BEHIND THE SHROUD OF THE DRINKING FOUNTAIN.
- SINGLE RECEPTACLE, NEMA 6-30R, MOUNTED 18" A.F.F. TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE.
- SINGLE RECEPTACLE, NEMA 14-30R, MOUNTED 36" A.F.F. TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE. PROVIDE 6' CORD AND MATCHING PLUG WHERE REQUIRED.
- HUBBELL PORTABLE OUTLET BOX WITH A SINGLE NEMA 5-20R GFI RECEPTACLE. VERIFY FINISH COLOR WITH OWNER PRIOR TO ORDERING. SEE DETAIL 3/E2.0.
- LEGRAND 25DTP SERIES TELE-POWER POLE WITH (2) 5-20R DUPLEX RECEPTACLES AND (2) DATA/TELECOMMUNICATION OUTLETS OR APPROVED EQUAL. VERIFY FINISH COLOR WITH ARCHITECT.

CONDUIT AND WIRING

- CONDUCTORS IN CONDUIT CONCEALED WITHIN WALL OR CEILING. TIC MARKS INDICATE NUMBER OF CONDUCTORS. THE EQUIPMENT GROUNDING CONDUCTOR IS NOT SHOWN, BUT SHALL BE PROVIDED. SIZE THE EQUIPMENT GROUNDING CONDUCTOR AND THE CONDUIT PER THE NEC. THE ABSENCE OF TIC MARKS SIGNIFIES THAT TWO CONDUCTORS PLUS AN EQUIPMENT GROUNDING CONDUCTOR SHOULD BE PROVIDED. FOR EXAMPLE, THE MARKINGS TO THE LEFT SIGNIFY THAT THREE CONDUCTORS PLUS AN EQUIPMENT GROUNDING CONDUCTOR SHOULD BE PROVIDED.
- #10: THE TEXT INSIDE THE ARC INDICATES THE AWG SIZE OF THE CONDUCTORS THAT SHALL BE RUN IN THE CONDUIT. THE ABSENCE OF TEXT SIGNIFIES THAT THE CONDUCTORS SHOULD BE #12 AWG.
- CIRCUITRY RUN IN STRAIGHT LINE SEGMENTS SIGNIFIES EXPOSED SURFACE-MOUNTED RACEWAY (SEE SPECIFICATIONS).
- CONDUCTORS IN CONDUIT CONCEALED BELOW GRADE OR FLOOR. TIC MARKS INDICATE NUMBER OF CONDUCTORS. THE EQUIPMENT GROUNDING CONDUCTOR IS NOT SHOWN, BUT SHALL BE PROVIDED. SIZE THE EQUIPMENT GROUNDING CONDUCTOR AND THE CONDUIT PER THE NEC. THE ABSENCE OF TIC MARKS SIGNIFIES THAT TWO CONDUCTORS PLUS AN EQUIPMENT GROUNDING CONDUCTOR SHOULD BE PROVIDED. THE MARKINGS TO THE LEFT SIGNIFY THAT THREE CONDUCTORS PLUS AN EQUIPMENT GROUNDING CONDUCTOR SHOULD BE PROVIDED.
- LA-1: HOMERUN TO PANELBOARD. ARC DENOTES CONCEALED CIRCUITRY. TEXT DENOTES PANELBOARD NAME WITH CIRCUIT NUMBER. DEVICES HAVING CIRCUIT NUMBERS LOCATED BESIDE THEM MAY NOT SHOW THE CIRCUIT NUMBERS AT THE HOMERUN ARROWS.
- LA-1: PARTIAL HOMERUN TO PANELBOARD. COMBINE ALL PARTIAL HOMERUNS THAT ARE ON THE SAME CIRCUIT IN A JUNCTION BOX PRIOR TO ENTERING THE PANELBOARD.
- LOW VOLTAGE CONDUCTORS USED FOR MOTION DETECTOR CIRCUITRY. SEE MANUFACTURER'S RECOMMENDATIONS FOR CONDUCTOR REQUIREMENTS.

VOLTAGE DROP CHART FOR 20A, 1Ø CIRCUITS

Voltage	Circuit Length	Conductor Size (AWG)
120	< 50'	#12
120	> 50'	#10
120	> 90'	#8
120	> 140'	#6
277	< 130'	#12
277	> 130'	#10
277	> 200'	#8
277	> 330'	#6

VOLTAGE DROP CHART NOTES:

1) CIRCUIT SIZES INDICATED ON THE DRAWINGS ARE MINIMUM REQUIREMENTS. REFER TO THIS CHART FOR UPSIZING CONDUCTORS AS NEEDED.

2) DO NOT CONNECT CONDUCTORS LARGER THAN #10 DIRECTLY TO A RECEPTACLE OR A SWITCH. PROVIDE A JUNCTION BOX TO DOWNSIZE THE CONDUCTOR TO #12 AT THE DEVICE.

3) FOR CIRCUITS LONGER THAN THOSE LISTED ABOVE, CONSULT WITH THE ENGINEER FOR CONDUCTOR SIZES.

COMMUNICATIONS

- COMBINATION TELEPHONE/DATA OUTLET MOUNTED 18" A.F.F. TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE.
- COMBINATION TELEPHONE/DATA OUTLET MOUNTED WITH BOTTOM OF BOX 2" ABOVE COUNTER BACKSPLASH. WHERE THERE IS NO BACKSPLASH MOUNT 6" ABOVE COUNTER. WHERE TELEPHONE/DATA OUTLET IS SHOWN IN AN AREA WITH NO COUNTER, MOUNT 45" A.F.F. TO CENTERLINE OF BOX.

MISCELLANEOUS

- C: CONTACTOR.
- PE: PHOTOCELL.
- CEILING MOUNTED JUNCTION BOX.
- WALL MOUNTED JUNCTION BOX.
- FLEXIBLE CONNECTION TO EQUIPMENT.
- H.H.: HANDHOLE 13"X24" QUAZITE COMPOSITE BOX OR APPROVED EQUAL. SOLID BOTTOM WITH TRAFFIC RATED LID.

LIGHTING FIXTURE SCHEDULE

TYPE	MANUFACTURER	PART NUMBER	LAMPS	MOUNTING	REMARKS
SA	STERNBERG	PT-G74SRLED-5P-4L-40-T3-MDL06-G-BKT	LED - 98W 9,565 LUMENS	POLE MOUNT	POLE #: 77-14-FP5
SB	STERNBERG	PT-G74SRLED-5P-4L-40-T5-MDL06-G-BKT	LED - 98W 10,475 LUMENS	POLE MOUNT	POLE #: 77-14-FP5
SC	STERNBERG	2A-G74SRLED-5P-4L-40-T5-MDL06-G-80-PM-BKT	LED - 98W EA. 10,475 LUMENS EA.	POLE MOUNT (2) @ 180	POLE #: 77-14-FP5
SD	LITHONIA	DSXW1-LED-10C-350-40K-T2M-MVOLT-DBXLD	LED - 13W 1,448 LUMENS	WALL MOUNT	EXTERIOR FIXTURE MOUNTED @ 15' A.F.G.
SF	LITHONIA	OLLWU-LED-P1-40K-MVOLT-DDB	LED - 14W 947 LUMENS	WALL MOUNT	EXTERIOR FIXTURE MOUNTED @ 12' A.F.G
SG	TROY LTG	RH12-LED1240-BK-FG-3-LSA30	LED - 12W 889 LUMENS	WALL MOUNT	LED GOOSENECK WALL SCONCE VERIFY MOUNTING HEIGHT PRIOR TO ROUGH-IN

MASTER NOTES

No.	Description
A.	THE CONTRACTOR SHALL ABIDE BY ALL FEDERAL, STATE, AND/OR LOCAL CODES. IF A DISCREPANCY BETWEEN CODES OCCURS, THE MOST STRINGENT SHALL PREVAIL.
B.	THE CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO THE COMMENCEMENT OF ANY WORK. SHOULD DISCREPANCIES BE DISCOVERED, THE CONTRACTOR SHALL VERIFY INTENT WITH THE ENGINEER/OWNER BEFORE PROCEEDING.
C.	COORDINATE LOCATIONS OF ALL CEILING MOUNTED DEVICES WITH OTHER TRADES PRIOR TO INSTALLATION.
D.	ALL REFRIGERATION AND GROCERY EQUIPMENT ELECTRICAL REQUIREMENTS ARE BASED OFF OF THE BEST INFORMATION AVAILABLE AT THE TIME OF DESIGN. CUTSHEETS WERE NOT AVAILABLE FOR ALL EQUIPMENT, SO ASSUMPTIONS WERE MADE ABOUT THE ELECTRICAL REQUIREMENTS IN ORDER TO COMPLETE THE ELECTRICAL DRAWINGS. COORDINATE ALL ELECTRICAL/ROUGH-IN REQUIREMENTS FOR OWNER FURNISHED EQUIPMENT WITH THE OWNER PRIOR TO BEGINNING WORK. COORDINATE ALL ELECTRICAL/ROUGH-IN REQUIREMENTS FOR REFRIGERATION & GROCERY EQUIPMENT WITH THE APPROPRIATE VENDOR PRIOR TO BEGINNEING WORK.
F.	RECEPTACLES SHALL NOT BE CONNECTED IN A FEED-THRU MANNER. WIRE CONNECTIONS IN RECEPTACLE BOXES SHALL BE MADE IN A PIGTAIL MANNER AS SHOWN IN DETAIL 3/E0.0.

Scale : 1/16" = 1'-0"

Scale : 1/8" = 1'-0"

Scale : 1/4" = 1'-0"

THE POWER SOURCE PLLC
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SCHEMATICS
NOT FOR CONSTRUCTION

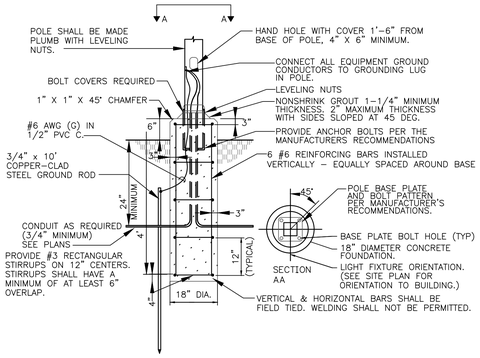
Project No: 21176
Date: 07-26-21
Drawn: BTD
Checked: CNI
Revisions:

SULLIVAN'S GROCERY
MANNSDALE
MADISON, MISSISSIPPI

Sheet Number :
E0.0
of Sheets

NOTES:

1. 3500 PSI MINIMUM 28 DAY COMPRESSIVE STRENGTH CONCRETE WITH GRADE 60 RE-BARS.
2. IF WATER IS PRESENT IN HOLE, REMOVE BEFORE POURING CONCRETE.
3. FOUNDATION EXCAVATION SHALL BE BY 24" AUGAR IN UNDISTURBED OR PROPERLY COMPACTED FILL.
4. MINIMUM ALLOWABLE SOIL BEARING PRESSURE 3000 PSF. NOTIFY ENGINEER IF BEARING PRESSURE IS LESS.
5. AIR ENTRAINMENT: 4 TO 6%.



2 / E0.7 SHORT POLE BASE DETAIL
Scale: NONE

1 / E0.7 ELECTRICAL SITE PLAN
Scale: 1" = 40'-0"

Scale : 1/16" = 1'-0" (0' 10' 20' 40' 80')
Scale : 1/8" = 1'-0" (0' 4' 8' 16' 32')
Scale : 1/4" = 1'-0" (0' 1' 5' 10' 20')

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SULLIVAN'S GROCERY
MANNSDALE
MADISON, MISSISSIPPI

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Revisions:

Sheet Number : E0.7
Sheets of

0' 10' 20' 40' 80'

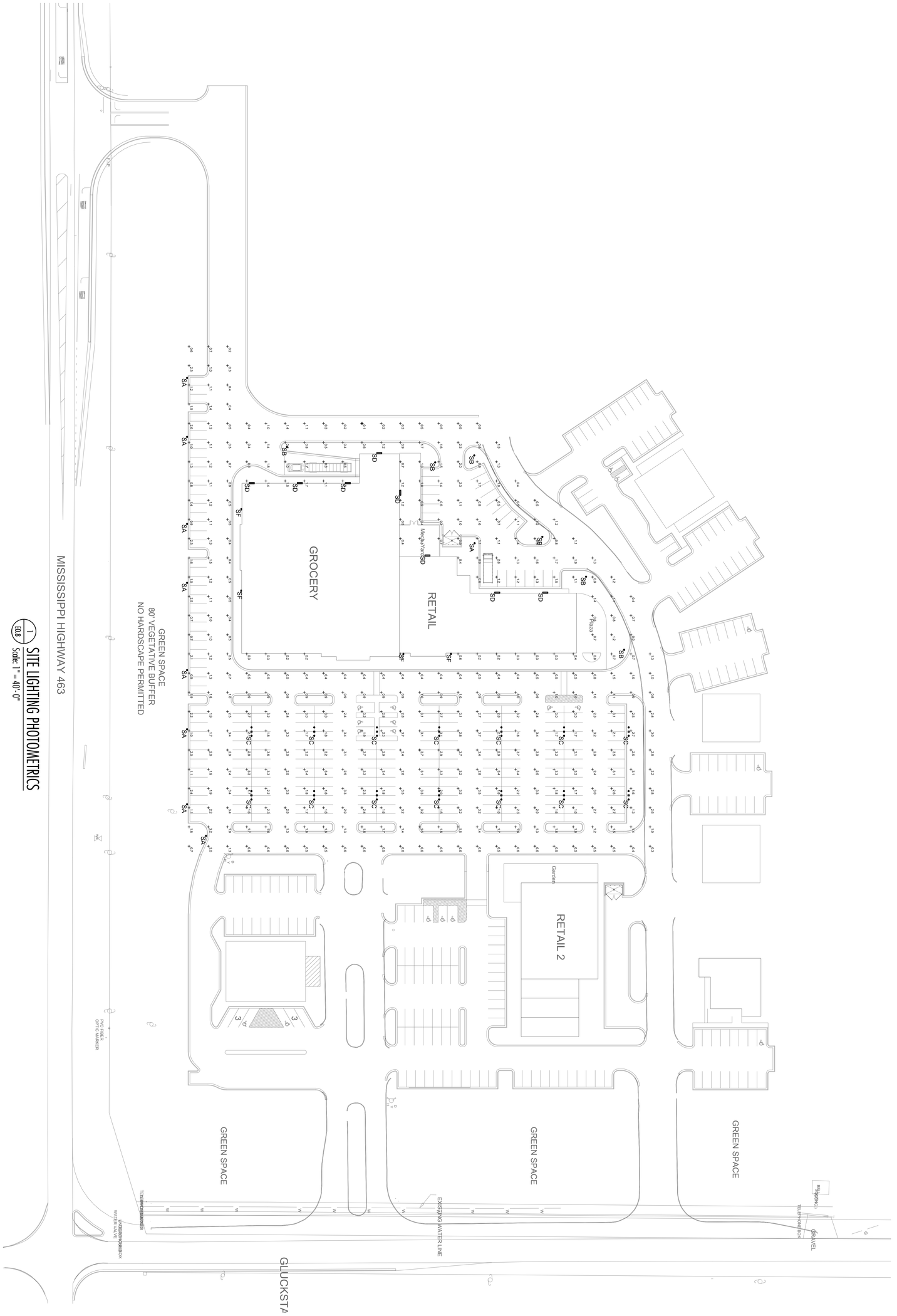
Scale : 1/16" = 1'-0"

0' 4' 8' 16' 32'

Scale : 1/8" = 1'-0"

0' 1' 5' 10' 20'

Scale : 1/4" = 1'-0"



1 / E0.8 SITE LIGHTING PHOTOMETRICS

Scale: 1" = 40'-0"

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TN5 PROJ # 21176

Sheet Number : E0.8

of Sheets

SULLIVAN'S GROCERY

MANNSDALE
MADISON, MISSISSIPPI

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HEAVY DUTY

Aluminum Shade
with Glass and Guard Options

Catalog #:

Project: Type:

Date: Notes:

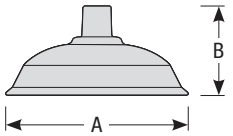
Electrical
- 120V input (277V available in arm and post option only)
- Integrated power supply allows the fixture to be connected directly into line voltage
- Pre-wired and ready for install
- LED is dimmable with Incandescent/Triac dimmers

Mounting
- 1/2” or 3/4” IP for arms. Flush mount, stems and post available only in 1/2”
- 9’ Pendant cord available in black or white cord (includes 5” canopy with the same finish as the shade)

Finishes
- Shade and mounting finish options
- Available in 21 standard and 2 specialty finishes with optional coastal coating to protect finish in coastal environments (add “-C” to the finish)
- Inner shade is painted gloss white
- Consult factory for custom finish options

Optional Accessories
- Glass, Cast Guard or Wire Guard options available

Listing
UL listed to US and Canadian standards for wet locations



	A	B
RH12	12”	7-1/4”
RH14	14”	8-1/4”
RH16	16”	9-1/4”
RH18	18”	10-1/4”
RH20	20”	11-1/4”

Heavy Duty Order Matrix (Example: RH18LED1227PNA-3)

Diameter	Lamp / LED	Finish	Coastal Coating Option	Accessories	Mounting Type
☐ **RH12** (12”)	☐ **M** (Medium Base, 100W max.)	☐ **ABL** Aegean Blue)	☐ (blank) (No coating)	☐ (blank) (No accessories)	☐ **-2** (1/2” IP)
☐ **RH14** (14”)	☐ **LED1227**[1,2,3] (12W LED / 2700K / 90 CRI / 844lm)	☐ **BB** (Burnished Bronze)	☐ **-C** (Coating)	☐ **-CG** (Clear Glass)	☐ **-3** (3/4” IP)
☐ **RH16** (16”)	☐ **LED1230**[1,2,3] (12W LED / 3000K / 90 CRI / 861lm)	☐ **BK** (Gloss Black)		☐ **-FG** (Frosted Glass)	☐ **-B** (Black Cord Pendant)
☐ **RH18** (18”)	☐ **LED1235**[1,2,3] (12W LED / 3500K / 90 CRI / 872lm)	☐ **BLU** (Blue)		☐ **-CGG** (Clear Glass w/ Cast Guard)	☐ **-W** (White Cord Pendant)
☐ **RH20** (20”)	☐ **LED1240**[1,2,3] (12W LED / 4000K / 90 CRI / 889lm)	☐ **DVG** (Dove Gray)		☐ **-FGG** (Frosted Glass w/ Cast Guard)	☐ **-F** (Flush Mount)
	☐ **LED1827**[1,2,3] (18W LED / 2700K / 90 CRI / 1265lm)	☐ **FLG** (Flannel Gray)		☐ **-CGWC** (Clear Glass w/ Wire Cage)	
	☐ **LED1830**[1,2,3] (18W LED / 3000K / 90 CRI / 1288lm)	☐ **GA** (Galvanized)		☐ **-FGWC** (Frosted Glass w/ Wire Cage)	
	☐ **LED1835**[1,2,3] (18W LED / 3500K / 90 CRI / 1311lm)	☐ **LG** (Lime Green)		☐ **-WG** (Wire Guard)	
	☐ **LED1840**[1,2,3] (18W LED / 4000K / 90 CRI / 1334lm)	☐ **MB** (Matte Black)			
		☐ **MBL** (Midnight Blue)			
		☐ **PNA** (Painted Natural Aluminum)			
		☐ **PNC** (Painted Natural Copper)			
		☐ **RD** (Red)			
		☐ **SGR** (Sage Green)			
		☐ **SGW** (Semi Gloss White)			
		☐ **SND** (Sand)			
		☐ **SS** (Satin Silver)			
		☐ **TBZ** (Textured Bronze)			
		☐ **TGP** (Textured Graphite)			
		☐ **TNG** (Tangerine)			
		☐ **TTL** (Tahitian Teal)			
		☐ **WT** (Gloss White)			
		☐ **YEL** (Yellow)			

1. Lamps must be specified, and are not included in shade cost
2. Glass enclosure must be specified
3. Lumen are raw LED value

KEY: Standard Finishes

- **ABL** (Aegean Blue)
- **BB** (Burnished Bronze)
- **BK** (Gloss Black)
- **BLU** (Blue)
- **DVG** (Dove Gray)
- **FLG** (Flannel Gray)
- **LG** (Lime Green)
- **MB** (Matte Black)
- **MBL** (Midnight Blue)
- **PNA** (Painted Natural Aluminum)
- **PNC** (Painted Natural Copper)
- **RD** (Red)
- **SGR** (Sage Green)
- **SGW** (Semi Gloss White)
- **SND** (Sand)
- **SS** (Satin Silver)
- **TBZ** (Textured Bronze)
- **TGP** (Textured Graphite)
- **TNG** (Tangerine)
- **TTL** (Tahitian Teal)
- **WT** (Gloss White)
- **YEL** (Yellow)

Specialty Finishes

- **GA** (Galvanized)

Spec-00019 Revised 09/16/2020

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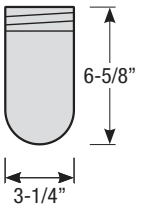
HEAVY DUTY

Aluminum Shade
with Glass and Guard Options

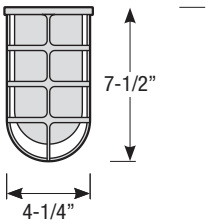
Catalog #:

Project: Type:

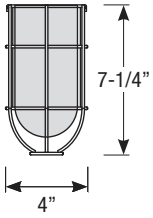
Date: Notes:



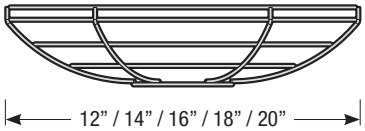
Glass Enclosure
- Glass is available in clear (-CG) and frosted (-FG)



Cast Guard with Glass Enclosure
- Cast guard can be specified in all standard and specialized finishes, and will match shade finish unless otherwise specified (Note: For galvanized shade finishes, cast guard is unfinished Raw Aluminum)
- Glass is available in clear (-CGG) and frosted (-FGG)



Wire Cage with Glass Enclosure
- Wire cage can be specified in all standard and specialized finishes, and will match shade finish unless otherwise specified (Note: For galvanized shade finishes, wire cage is finished in Painted Natural Aluminum)
- Glass is available in clear (-CGWC) and frosted (-FGWC)



Wire Guard (-WG)
- Wire cage can be specified in all standard and specialized finishes, and will match shade finish unless otherwise specified (Note: For galvanized shade finishes, wire guard is finished in Painted Natural Aluminum)

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HEAVY DUTY

Aluminum Shade
with Glass and Guard Options

Catalog #:

Project: Type:

Date: Notes:

Arm Mount Order Matrix (Example: 3LL23PNA)

Pipe	Arm Type	Finish	Coastal Coating Option	Input Voltage
☐ **2** (1/2" IP)	☐ **SL23** (Small Loop- 23")	☐ **ABL** (Aegean Blue)	☐ (blank) (No coating)	☐ (blank) (120V)
☐ **3** (3/4" IP)	☐ **SL30** (Small Loop- 30")	☐ **BB** (Burnished Bronze)	☐ **-C** (Coating)	☐ **-27** (277V)
	☐ **LL23** (Large Loop - 23")	☐ **BK** (Gloss Black)		
	☐ **LL30** (Large Loop - 30")	☐ **BLU** (Blue)		
	☐ **LC18** (Curve Arm - 18")	☐ **DVG** (Dove Gray)		
	☐ **LC24** (Curve Arm - 24")	☐ **FLG** (Flannel Gray)		
	☐ **LC30** (Curve Arm - 30")	☐ **GA** (Galvanized)		
	☐ **LM18** (Miter Arm - 18")	☐ **LG** (Lime Green)		
	☐ **LM24** (Miter Arm - 24")	☐ **MB** (Matte Black)		
	☐ **LM30** (Miter Arm - 30")	☐ **MBL** (Midnight Blue)		
	☐ **SA18** (Sign Arm - 18")	☐ **PNA** (Painted Natural Aluminum)		
	☐ **SA23** (Sign Arm - 23")	☐ **PNC** (Painted Natural Copper)		
	☐ **LSA23** (Large Loop Sign Arm - 23")	☐ **RD** (Red)		
	☐ **LSA30** (Large Loop Sign Arm - 30")	☐ **SGR** (Sage Green)		
	☐ **A6** (Straight Arm - 6")	☐ **SGW** (Semi Gloss White)		
	☐ **A12** (Straight Arm - 12")	☐ **SND** (Sand)		
	☐ **A18** (Straight Arm - 18")	☐ **SS** (Satin Silver)		
	☐ **A24** (Straight Arm - 24")	☐ **TBZ** (Textured Bronze)		
	☐ **A30** (Straight Arm - 30")	☐ **TGP** (Textured Graphite)		
	☐ **MA18** (Modern Arm - 18")	☐ **TNG** (Tangerine)		
	☐ **MA24** (Modern Arm - 24")	☐ **TTL** (Tahitian Teal)		
	☐ **MA30** (Modern Arm - 30")	☐ **WT** (Gloss White)		
		☐ **YEL** (Yellow)		

Standard Finishes

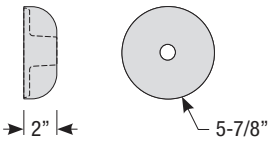
- **ABL** (Aegean Blue)
- **BB** (Burnished Bronze)
- **BK** (Gloss Black)
- **BLU** (Blue)
- **DVG** (Dove Gray)
- **FLG** (Flannel Gray)
- **LG** (Lime Green)
- **MB** (Matte Black)
- **MBL** (Midnight Blue)
- **PNA** (Painted Natural Aluminum)
- **PNC** (Painted Natural Copper)
- **RD** (Red)
- **SGR** (Sage Green)
- **SGW** (Semi Gloss White)
- **SND** (Sand)
- **SS** (Satin Silver)
- **TBZ** (Textured Bronze)
- **TGP** (Textured Graphite)
- **TNG** (Tangerine)
- **TTL** (Tahitian Teal)
- **WT** (Gloss White)
- **YEL** (Yellow)

Specialty Finishes

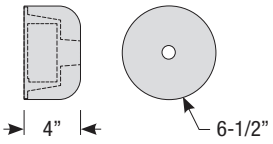
- **GA** (Galvanized)

Note: All arm mounts include canopy

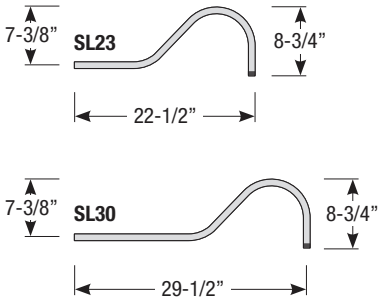
120V Canopy



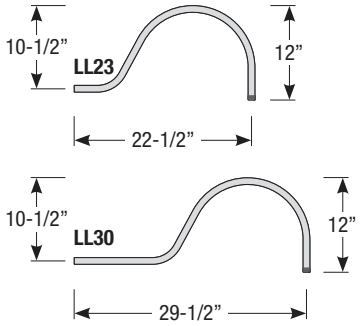
277V Canopy



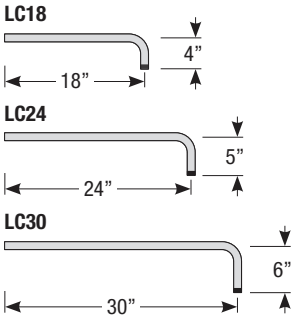
Small Loop Arm



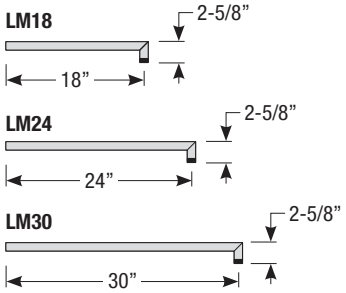
Large Loop Arm



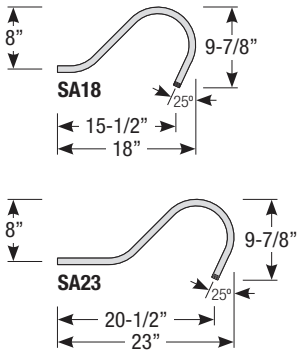
Curve Arm



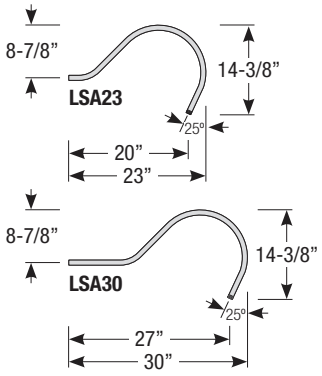
Miter Arm



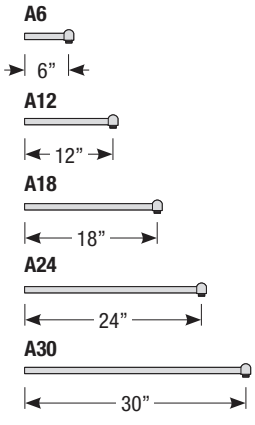
Sign Arm



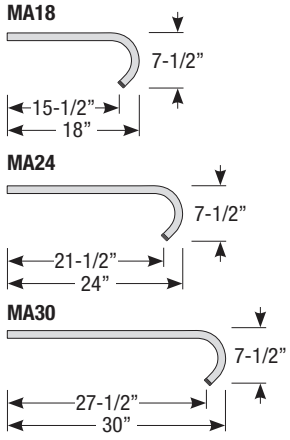
Large Loop Sign Arm



Straight Arm



Modern Arm



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HEAVY DUTY

Aluminum Shade
with Glass and Guard Options

Catalog #:

Project: Type:

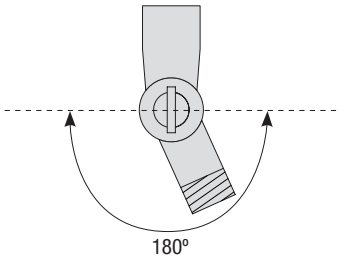
Date: Notes:

Knuckle Accessory Order Matrix (Example: 2KNLPNA)

Pipe	Finish	Finish	Coastal Coating Option
☐ **2** (1/2" IP) ☐ **3** (3/4" IP)	**KNL** (Adjustable 180º Knuckle for Arm Mounts)	☐ **ABL** (Aegean Blue) ☐ **BB** (Burnished Bronze) ☐ **BK** (Gloss Black) ☐ **BLU** (Blue) ☐ **DVG** (Dove Gray) ☐ **FLG** (Flannel Gray) ☐ **GA** (Galvanized) ☐ **LG** (Lime Green) ☐ **MB** (Matte Black) ☐ **MBL** (Midnight Blue) ☐ **PNA** (Painted Natural Aluminum) ☐ **PNC** (Painted Natural Copper) ☐ **RD** (Red) ☐ **SGR** (Sage Green) ☐ **SGW** (Semi Gloss White) ☐ **SND** (Sand) ☐ **SS** (Satin Silver) ☐ **TBZ** (Textured Bronze) ☐ **TGP** (Textured Graphite) ☐ **TNG** (Tangerine) ☐ **TTL** (Tahitian Teal) ☐ **WT** (Gloss White) ☐ **YEL** (Yellow)	☐ (blank) (No coating) ☐ **-C** (Coating)

Description
Adjustable knuckle for arm mounts that allow luminaire to be rotated up to 180º.

Knuckle Accessory



KEY: Standard Finishes

ABL (Aegean Blue)
BB (Burnished Bronze)
BK (Gloss Black)
BLU (Blue)
DVG (Dove Gray)
FLG (Flannel Gray)
LG (Lime Green)
MB (Matte Black)
MBL (Midnight Blue)
PNA (Painted Natural Aluminum)
PNC (Painted Natural Copper)
RD (Red)
SGR (Sage Green)
SGW (Semi Gloss White)
SND (Sand)
SS (Satin Silver)
TBZ (Textured Bronze)
TGP (Textured Graphite)
TNG (Tangerine)
TTL (Tahitian Teal)
WT (Gloss White)
YEL (Yellow)

Specialty Finishes

GA (Galvanized)

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HEAVY DUTY

Aluminum Shade
with Glass and Guard Options

Catalog #:

Project: Type:

Date: Notes:

Post / Wall Mount Order Matrix (Example: 2W1PNA)

Pipe	Mount Type	Finish	Input Voltage
☐ **2** (1/2" IP)	☐ **P1** (Single Post Mount) ☐ **P2** (Double Post Mount) ☐ **W1** (Traditional Wall Mount)	☐ **ABL** (Aegean Blue) ☐ **BB** (Burnished Bronze) ☐ **BK** (Gloss Black) ☐ **BLU** (Blue) ☐ **DVG** (Dove Gray) ☐ **FLG** (Flannel Gray) ☐ **GA** (Galvanized) ☐ **LG** (Lime Green) ☐ **MB** (Matte Black) ☐ **MBL** (Midnight Blue) ☐ **PNA** (Painted Natural Aluminum) ☐ **PNC** (Painted Natural Copper) ☐ **RD** (Red) ☐ **SGR** (Sage Green) ☐ **SGW** (Semi Gloss White) ☐ **SND** (Sand) ☐ **SS** (Satin Silver) ☐ **TBZ** (Textured Bronze) ☐ **TGP** (Textured Graphite) ☐ **TNG** (Tangerine) ☐ **TTL** (Tahitian Teal) ☐ **WT** (Gloss White) ☐ **YEL** (Yellow)	☐ (blank) (120V) ☐ **-27**[1] (277V)

1. Post mount only

Post Type Order Matrix (Example: P8683-96PNA)

Post Type	Finish
☐ **PM4946** (Cast Aluminum Post) ☐ **P8683-96** (Cast Aluminum Base w/ 96" Aluminum Post) ☐ **P8683-120** (Cast Aluminum Base w/ 120" Aluminum Post) ☐ **P8684-96** (96" Straight Aluminum Post) ☐ **P8684-120** (120" Straight Aluminum Post) ☐ **PM8685** (Cast Aluminum Pier Mount - must be used with straight aluminum post, P8684)	☐ **ABL** (Aegean Blue) ☐ **BB** (Burnished Bronze) ☐ **BK** (Gloss Black) ☐ **BLU** (Blue) ☐ **DVG** (Dove Gray) ☐ **FLG** (Flannel Gray) ☐ **GA** (Galvanized) ☐ **LG** (Lime Green) ☐ **MB** (Matte Black) ☐ **MBL** (Midnight Blue) ☐ **PNA** (Painted Natural Aluminum) ☐ **PNC** (Painted Natural Copper) ☐ **RD** (Red) ☐ **SGR** (Sage Green) ☐ **SGW** (Semi Gloss White) ☐ **SND** (Sand) ☐ **SS** (Satin Silver) ☐ **TBZ** (Textured Bronze) ☐ **TGP** (Textured Graphite) ☐ **TNG** (Tangerine) ☐ **TTL** (Tahitian Teal) ☐ **WT** (Gloss White) ☐ **YEL** (Yellow)

Standard Finishes

- **ABL** (Aegean Blue)
- **BB** (Burnished Bronze)
- **BK** (Gloss Black)
- **BLU** (Blue)
- **DVG** (Dove Gray)
- **FLG** (Flannel Gray)
- **LG** (Lime Green)
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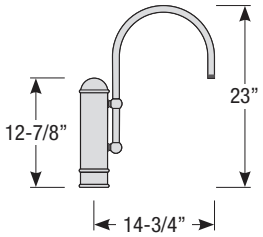
- **TGP** (Textured Graphite)
- **TNG** (Tangerine)
- **TTL** (Tahitian Teal)
- **WT** (Gloss White)
- **YEL** (Yellow)

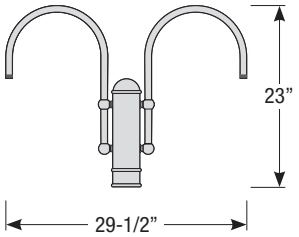
Specialty Finishes

- **GA** (Galvanized)

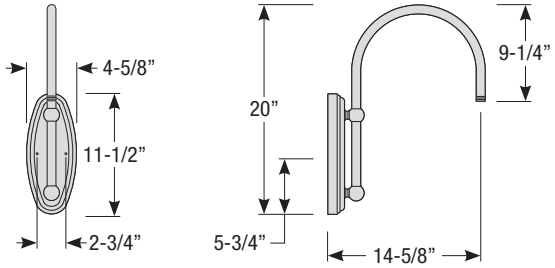
Single Post Mount



Double Post Mount

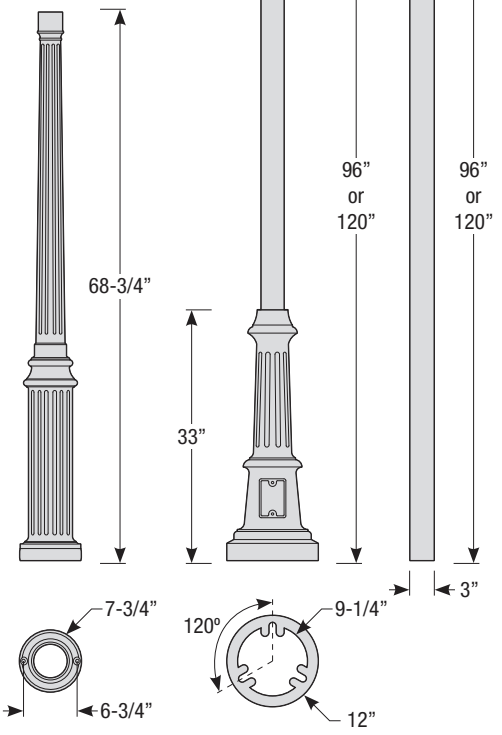


Traditional Wall Mount

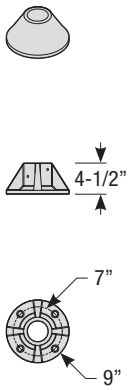


P8683 P8684

PM4946



PM8685



Note: Must be used with aluminum post (P8684)

Spec-00019 Revised 09/16/2020

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HEAVY DUTY

Aluminum Shade
with Glass and Guard Options

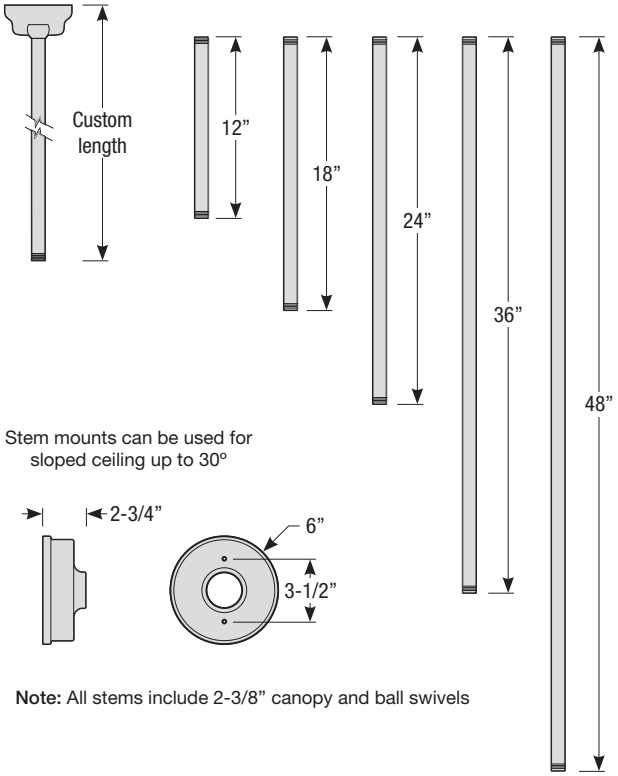
Catalog #:

Project: Type:

Date: Notes:

Stem Mount Order Matrix (Example: 2HS18PNA)

Pipe	Stem Length	Finish	Coastal Coating Option
☐ **2** (1/2" IP)	☐ **HS12** (12") ☐ **HS18** (18") ☐ **HS24** (24") ☐ **HS36** (36") ☐ **HS48** (48") ☐ **HS__** (Custom length from 2" up to 60")	☐ **ABL** (Aegean Blue) ☐ **BB** (Burnished Bronze) ☐ **BK** (Gloss Black) ☐ **BLU** (Blue) ☐ **DVG** (Dove Gray) ☐ **FLG** (Flannel Gray) ☐ **GA** (Galvanized) ☐ **LG** (Lime Green) ☐ **MB** (Matte Black) ☐ **MBL** (Midnight Blue) ☐ **PNA** (Painted Natural Aluminum) ☐ **PNC** (Painted Natural Copper) ☐ **RD** (Red) ☐ **SGR** (Sage Green) ☐ **SGW** (Semi Gloss White) ☐ **SND** (Sand) ☐ **SS** (Satin Silver) ☐ **TBZ** (Textured Bronze) ☐ **TGP** (Textured Graphite) ☐ **TNG** (Tangerine) ☐ **TTL** (Tahitian Teal) ☐ **WT** (Gloss White) ☐ **YEL** (Yellow)	☐ (blank) (No coating) ☐ **-C** (Coating)



Stem mounts can be used for sloped ceiling up to 30°

Note: All stems include 2-3/8" canopy and ball swivels

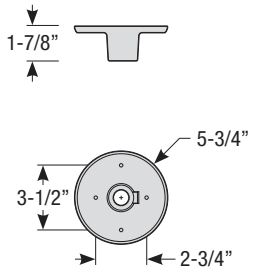
KEY: Standard Finishes

- **ABL** (Aegean Blue)
- **BB** (Burnished Bronze)
- **BK** (Gloss Black)
- **BLU** (Blue)
- **DVG** (Dove Gray)
- **FLG** (Flannel Gray)
- **LG** (Lime Green)
- **MB** (Matte Black)
- **MBL** (Midnight Blue)
- **PNA** (Painted Natural Aluminum)
- **PNC** (Painted Natural Copper)
- **RD** (Red)
- **SGR** (Sage Green)
- **SGW** (Semi Gloss White)
- **SND** (Sand)
- **SS** (Satin Silver)
- **TBZ** (Textured Bronze)
- **TGP** (Textured Graphite)
- **TNG** (Tangerine)
- **TTL** (Tahitian Teal)
- **WT** (Gloss White)
- **YEL** (Yellow)

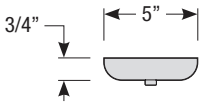
Specialty Finishes

- **GA** (Galvanized)

Ceiling Flush Mount Canopy



Pendant Canopy



Note: Ceiling flush mount canopy includes 2" stem

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G74LED HOMETOWN SERIES

LED

EPA 1.41 (ft²)
WEIGHT 35 LBS

7 YEAR WARRANTY

LUMEN RANGE 10,475 to 4,065

LIFE SPAN L70 MINIMUM 100,000 HOURS

UL LISTED

CLICK FOR FAQ's

JOB NAME

FIXTURE TYPE

MEMO

BUILD A PART NUMBER

ORDERING EXAMPLE: 2A-G74LED-5P-4L40T3-MDL05-G-PEC-FHD/480PM/4212FP4/FCC/BKT

Mounting Config.	Fixture	Fitter	LED	CCT	Type	Driver	Lens	Option Control Receptacle	Option Control	Option Fuse	Option Decorative Ring	Option GFI	Option Terminal Block	Arm See Arm Spec Sheets	Pole See Pole Spec Sheets	Finish

Mounting Configuration
(Click here to view mounting configuration sheet)

- 1W
- 2A
- 3A90
- 1AM
- PT
- 2A90
- 3APT
- 2AM
- 1A
- 2APT
- 4A
- 450PB
- 1APT
- 3A
- 4APT

W = Wall Mount **PT** = Post Top **A** = Arm Mount **AM** = Arm Mid-Mount **PB** = Pier Base

Fixture
- G74LED
- G74SRLED

Fitter
- 5P[1]
- 991[1]
- 995[1]
- OL3
- 73
- 992[1]
- BD4
- OL4
- 74
- 993[1]
- BD5
- 588
- 990[1]
- 994[1]
- BD7
- C2097[1,2]

[1] Add "T" after fitter designation for optional "twist-lock" fitter.
[2] Consult factory for use on concrete poles.

LED
- 4L

CCT - Color Temperature (K)
- 27(00)
- 30(00)
- 35(00)
- 40(00)
- 50(00)

Type
- T3
- T5

Driver
- **MDL02** (120v-277v, 250mA)
- **MDL03** (120v-277v, 350mA)
- **MDL05** (120v-277v, 525mA)
- **MDL06** (120v-277v, 630mA)
- **MDH02** (347v-480v, 250mA)
- **MDH03** (347v-480v, 350mA)
- **MDH05** (347v-480v, 525mA)
- **MDH06** (347v-480v, 630mA)

Lens
- **G** (Glass Lens)

Options (Click here to view accessories sheet)
- **R**[3] 3-Pin control receptacle only
- **R5**[3] 5-Pin control receptacle only
- **R7**[3] 7-Pin control receptacle only
- **PE**[4] Twist-Lock Photocontrol (120v-277v)
- **PE3**[4] Twist-Lock Photocontrol (347v)
- **PE4**[4] Twist-Lock Photocontrol (480v)
- **SC**[4] Shorting Cap
- **PEC** Electronic Button Photocontrol (120v-277v)
- **PEC4** Electronic Button Photocontrol (480v)
- **FHD**[5] Dual Fuse & Holder
- **PBDR**[6] Perforated Brass Decorative Ring
- **GFI**[3] GFI-Duplex 15 amp for 900 Fitter
- **TB**[3] Terminal Block

[3] For 900 series utility fitter only.
[4] Requires control receptacle.
[5] Ships loose for installation in base.
[6] Standard is polished, for painted ring specify PBDR-P.

Arm (Click here to link to arm specification page)
See Arms & Wall Brackets specification sheets.

- 50
- 478
- 80
- 55
- 579
- TASCR
- 78
- 70
- 480
- 6236
- TA
- BA

Pole (Click here to link to pole specification page)
See Pole specification sheets.

Finish (Click here to view paint finish sheet)

Standard Finishes[7]
- **BKT** Black Textured
- **WHT** White Textured
- **PGT** Park Green Textured
- **ABZT** Architectural Medium Bronze Textured
- **DBT** Dark Bronze Textured

[7] Smooth finishes are available upon request.

Custom Finishes[8]
- **CM** Custom Match
- **OI** Old Iron
- **RT** Rust
- **WBR** Weathered Brown
- **CD** Cedar
- **WBK** Weathered Black
- **TT** Two Tone

[8] Custom colors require upcharge.

Sternberg Select Finishes
- **VG** Verde Green
- **SI** Swedish Iron
- **OWGT** Old World Gray Textured

Specifications

Fixture
The G74LED Hometown series is a nostalgic 1920's glass acorn fixture with distinct styling which consists of a decorative cast aluminum fitter and a high efficiency prismatic glass acorn. The Luminaire shall be UL listed in US and Canada.

Fitter - Standard
The fitter shall be heavy wall cast aluminum, 356 alloy for high tensile strength. It shall have an 9-3/8" inside diameter opening to attach to the 9" neck of the acorn globe. When ordered with a Sternberg aluminum pole, the fitter shall be welded to the pole top or tenon for safety and to ensure the fixture will be plumb, secure and level over the life of the installation. The fitter shall have a one-piece ring bug gasket to resist insect penetration into lamp assembly.

900 Series Utility Fitter Option
The fitter shall be heavy wall cast aluminum, 360 die cast alloy for high tensile strength. It shall have a 9-1/4" inside diameter opening to attach to the 8" neck of the acorn globe. It shall have a hinged, tool-less entry door that provides open access to all of the components. The 900 series shall have an optional terminal block for ease of wiring, an optional Twist-Lock Photocontrol receptacle, an optional single GFCI outlet for auxiliary power needs. The top mounted driver mounting plate shall be cast aluminum and provide tool-less removal from the housing using 2 finger latches. The fitter shall have a one-piece ring gasket to resist insect penetration into globe assembly. When supplied with GFCI receptacle a hole will be provided for cord and plug installation with the access door closed. When cord and plug is not in use a filler plug will be provided and shall be tethered to the fitter for easy recovery and installation.

See next page

SternbergLighting
ESTABLISHED 1923 / EMPLOYEE OWNED

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contact@sternberglighting.com
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G74LED HOMETOWN SERIES

LED

Twist-Lock Fitter (Optional)

The TL (Twist-Lock) fitter shall have an aluminum die-cast twist-lock mechanism. The tool-less 1/4 turn action allows for easy globe removal and replacement. A die-cast ring assembly is mechanically attached to the globe and is removable if the globe is broken or replaced.

LED's

The luminaire shall use high output, high brightness LED's. The LED's and printed circuit boards shall be 100% recyclable, they shall also be protected from moisture and corrosion by a conformal coating of 1 to 3 mils. They shall not contain lead, mercury or any other hazardous substances and shall be RoHS compliant. The LED life rating data shall be determined in accordance with IESNA LM-80. The High Performance white LED's will have a life expectancy of approximately 100,000 hours with not less than 70% of original brightness (lumen maintenance), rated at 25°C. The High Brightness, High Output LED's shall be 4000K (2700K, 3000K, 3500K or 5000K option) color temperature with a minimum of 70 CRI. Consult factory for custom color CCT. The luminaire shall have a minimum _____ (see table) delivered initial lumen rating when operated at steady state with an average ambient temperature of 25°C (77°F).

Optics

The luminaire shall be provided with individual, glass, refractor type optics from external pristmatic acorn. Testing shall be done in accordance with IESNA LM-79.

Electronic Drivers

The LED driver shall be U.L. Recognized. It shall be securely mounted inside the fixture, for optimized performance and longevity. It shall be supplied with a quick-disconnect electrical connector on the power supply, providing easy power connections and fixture installation. It shall have overload as well as short circuit protection, and have a DC voltage output, constant current design, 50/60HZ. It shall be supplied with line-ground, line-neutral and neutral-ground electrical surge protection in accordance with IEEE/ANSI C62.41.2 guidelines. It shall be dimmable using a 0-10v signal.

For sources over 50w: The driver shall have a minimum efficiency of 90%. The driver shall be rated at full load with THD<20% and a power factor of greater than 0.90. The driver shall contain over-heat protection.

For sources under 50w: The driver shall have a minimum efficiency of 88%.

Photocontrols

Button Style: On a single assembly the photocontrol shall be mounted on the fixture and pre-wired to driver. On multiple head assembly's the photocontrol shall be mounted in the pole shaft on an access plate. The electronic button type photocontrol is instant on with a 5-10 second turn off, and shall turn on at 1.5 footcandles with a turn-off at 2-3 footcandles. Photocontrol is 120-277 volt and warranted for 6 years.

Twist-Lock Style: The photocontrol shall be mounted in the utility fitter and pre-wired to driver. The twist lock type photocontrol is instant on with a 3-6 second turn off, and shall turn on at 1.5 footcandles with a turn-off at 2-3 footcandles. Photocontrol is 120-277 volt and warranted for 6 years.

Warranty

Seven-year limited warranty. See product and finish warranty guide for details.

Finish

Refer to website for details.

Performance

LIGHT SOURCE	T3 INITIAL LUMENS	EFFICACY (LPW)	T5 INITIAL LUMENS	EFFICACY (LPW)	WATTAGE
4L27T_-MDL06	8380	85.5	9180	93.7	98
4L30T_-MDL06	9260	94.5	10140	103.5	98
4L40T_-MDL06	9565	97.6	10475	106.9	98
4L27T_-MDL05	6950	92.7	7605	101.4	75
4L30T_-MDL05	7675	102.4	8400	112.0	75
4L40T_-MDL05	7930	105.8	8675	115.7	75
4L27T_-MDL03	5475	99.6	5950	108.2	55
4L30T_-MDL03	6050	110.0	6570	119.5	55
4L40T_-MDL03	6250	113.7	6790	123.5	55
4L27T_-MDL02	4065	101.7	4400	110.0	40
4L30T_-MDL02	4490	112.3	4860	121.5	40
4L40T_-MDL02	4640	116.0	5020	125.6	40

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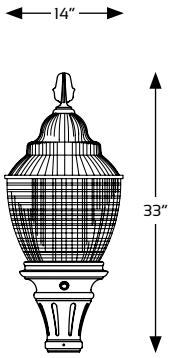
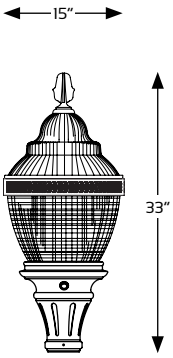
G74LED HOMETOWN SERIES

LED

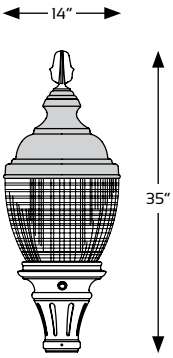
Fixtures



G74LED-5P



PBDR Option



G74SRLED-5P

Fitters

10-1/8" W
10-3/8" H

5P or 5T*
Fits 3" OD
x 3" tall
tenon/pole

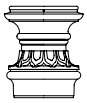
10-1/8" W
10-1/8" H

BD4
Fits 4" OD
x 5" tall
tenon/pole

10-1/8" W
10-1/4" H

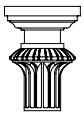
BD5
Fits 5" OD
x 6" tall
tenon/pole

10-1/8" W
11-3/4" H



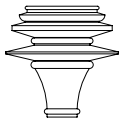
BD7
Fits 7" OD
x 1" tall
tenon/pole

9-3/4" W
13-1/4" H



73
Fits 3" OD
x 4" tall
tenon/pole
74
Fits 4" OD
x 4" tall
tenon/pole

14-1/2" W
14-1/4" H

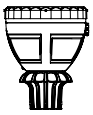


588
(Art Deco 1)
Fits 3" OD
x 3" tall
tenon/pole

10-1/2" W
15-3/4" H

990 or 990T*
Fits 3" OD
x 3" tall
tenon/pole
994 or 994T*
Fits 4" OD
x 3" tall
tenon/pole

10-1/2" W
13-1/8" H

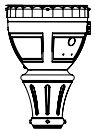


991 or 991T*
Fits 3" OD
x 3" tall
tenon/pole

10-1/2" W
13-1/8" H

992 or 992T*
Fits 3" OD
x 3" tall
tenon/pole

10-1/2" W
15-3/4" H



993 or 993T*
Fits 3" OD
x 3" tall
tenon/pole
995 or 995T*
Fits 4" OD
x 3" tall
tenon/pole

10-1/2" W
11-3/8" H

OL3
Fits 3" OD
x 3" tall
tenon/pole
OL4
Fits 4" OD
x 3" tall
tenon/pole

10" W
3-1/4" H

C2097 or
C2097T*
Fits 7" OD
x 1" tall
tenon/pole

*Twist Lock Acorn (Fitter TL)

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D-Series Size 1
LED Wall Luminaire

Buy American

d-series

Catalog Number

Notes

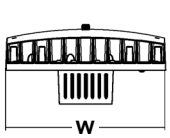
Type

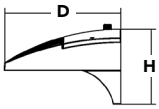
Hit the Tab key or mouse over the page to see all interactive elements.

Specifications

Luminaire

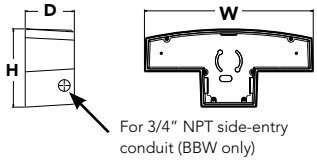
Width:	13-3/4" *(34.9 cm)*	**Weight:**	12 lbs *(5.4 kg)*
Depth:	10" *(25.4 cm)*		
Height:	6-3/8" *(16.2 cm)*		





Back Box (BBW, E20WC)

Width:	13-3/4" *(34.9 cm)*	**BBW Weight:**	5 lbs *(2.3 kg)*
Depth:	4" *(10.2 cm)*	**E20WC Weight:**	10 lbs *(4.5 kg)*
Height:	6-3/8" *(16.2 cm)*		



Introduction

The D-Series Wall luminaire is a stylish, fully integrated LED solution for building-mount applications. It features a sleek, modern design and is carefully engineered to provide long-lasting, energy-efficient lighting with a variety of optical and control options for customized performance.

With an expected service life of over 20 years of nighttime use and up to 74% in energy savings over comparable 250W metal halide luminaires, the D-Series Wall is a reliable, low-maintenance lighting solution that produces sites that are exceptionally illuminated.

Ordering Information

EXAMPLE: DSXW1 LED 20C 1000 40K T3M MVOLT DDBTXD

DSXW1 LED

Series	LEDs	Drive Current	Color temperature	Distribution	Voltage	Mounting	Control Options
DSXW1 LED	10C 10 LEDs (one engine) 20C 20 LEDs (two engines) [1]	350 350 mA 530 530 mA 700 700 mA 1000 1000 mA (1 A) [1]	30K 3000 K 40K 4000 K 50K 5000 K AMBPC Amber phosphor converted	T2S Type II Short T2M Type II Medium T3S Type III Short T3M Type III Medium T4M Type IV Medium TFTM Forward Throw Medium	MVOLT [2] 120 [3] 208 [3] 240 [3] 277 [3] 347 [3,4] 480 [3,4]	**Shipped included** (blank) Surface mounting bracket BBW Surface-mounted back box (for conduit entry) [5]	**Shipped installed** PE Photoelectric cell, button type [6] DMG 0-10v dimming wires pulled outside fixture (for use with an external control, ordered separately) PIR 180° motion/ambient light sensor, <15' mtg ht [1,7] PIRH 180° motion/ambient light sensor, 15-30' mtg ht [1,7] PIR1FC3V Motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 1fc [1,7] PIRH1FC3V Motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 1fc [1,7] E20WC Emergency battery backup (includes external component enclosure), CA Title 20 compliant [8,9]

Other Options

Shipped installed

SF	Single fuse (120, 277 or 347V) [3,10]
DF	Double fuse (208, 240 or 480V) [3,10]
HS	House-side shield [11]
SPD	Separate surge protection [12]

Shipped separately [11]

BSW	Bird-deterrent spikes
VG	Vandal guard
DDL	Diffused drop lens

Finish *(required)*

DDBXD	Dark bronze	DSSXD	Sandstone	DWHGXD	Textured white
DBLXD	Black	DDBTXD	Textured dark bronze	DSSTXD	Textured sandstone
DNAXD	Natural aluminum	DBLBXD	Textured black		
DWHXD	White	DNATXD	Textured natural aluminum		

Accessories

Ordered and shipped separately.

DSXWHS U	House-side shield (one per light engine)
DSXWBSW U	Bird-deterrent spikes
DSXW1VG U	Vandal guard accessory

NOTES

1. 20C 1000 is not available with PIR, PIRH, PIR1FC3V or PIRH1FC3V.
2. MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
3. Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.
4. Only available with 20C, 700mA or 1000mA. Not available with PIR or PIRH.
5. Back box ships installed on fixture. Cannot be field installed. Cannot be ordered as an accessory.
6. Photocontrol (PE) requires 120, 208, 240, 277 or 347 voltage option. Not available with motion/ambient light sensors (PIR or PIRH).
7. Reference Motion Sensor table on page 3.
8. Same as old ELCW. Cold weather (-20C) rated. Not compatible with conduit entry applications. Not available with BBW mounting option. Not available with fusing. Not available with 347 or 480 voltage options. Emergency components located in back box housing. Emergency mode IES files located on product page at www.lithonia.com
9. Not available with SPD.
10. Not available with E20WC.
11. Also available as a separate accessory; see Accessories information.
12. Not available with E20WC.

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Contact factory for performance data on any configurations not shown here.

LEDs	Drive Current (mA)	System Watts	Dist. Type	30K (3000 K, 70CRI)					40K (4000 K, 70CRI)					50K (5000 K, 70CRI)					AMBPC (Amber Phosphor Converted)				
				Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
10C (10 LEDs)	350mA	13W	T2S	1,415	0	0	1	109	1,520	0	0	1	117	1,530	0	0	1	118	894	0	0	1	69
			T2M	1,349	0	0	1	104	1,448	0	0	1	111	1,458	0	0	1	112	852	0	0	1	66
			T3S	1,399	0	0	1	108	1,503	0	0	1	116	1,512	0	0	1	116	884	0	0	1	68
			T3M	1,385	0	0	1	107	1,488	0	0	1	114	1,497	0	0	1	115	876	0	0	1	67
			T4M	1,357	0	0	1	104	1,458	0	0	1	112	1,467	0	0	1	113	858	0	0	1	66
			TFTM	1,411	0	0	1	109	1,515	0	0	1	117	1,525	0	0	1	117	892	0	0	1	69
	530 mA	19W	T2S	2,053	1	0	1	108	2,205	1	0	1	116	2,220	1	0	1	117	1,264	0	0	1	67
			T2M	1,957	1	0	1	103	2,102	1	0	1	111	2,115	1	0	1	111	1,205	0	0	1	63
			T3S	2,031	1	0	1	107	2,181	1	0	1	115	2,194	1	0	1	115	1,250	0	0	1	66
			T3M	2,010	1	0	1	106	2,159	1	0	1	114	2,172	1	0	1	114	1,237	0	0	1	65
			T4M	1,970	1	0	1	104	2,115	1	0	1	111	2,129	1	0	1	112	1,212	0	0	1	64
			TFTM	2,047	0	0	1	108	2,198	1	0	1	116	2,212	1	0	1	116	1,260	0	0	1	66
	700 mA	26W	T2S	2,623	1	0	1	101	2,816	1	0	1	108	2,834	1	0	1	109	1,544	0	0	1	59
			T2M	2,499	1	0	1	96	2,684	1	0	1	103	2,701	1	0	1	104	1,472	0	0	1	57
			T3S	2,593	1	0	1	100	2,785	1	0	1	107	2,802	1	0	1	108	1,527	0	0	1	59
			T3M	2,567	1	0	1	99	2,757	1	0	1	106	2,774	1	0	1	107	1,512	0	0	1	58
			T4M	2,515	1	0	1	97	2,701	1	0	1	104	2,718	1	0	1	105	1,481	0	0	1	57
			TFTM	2,614	1	0	1	101	2,808	1	0	1	108	2,825	1	0	1	109	1,539	0	0	1	59
	1000 mA	39W	T2S	3,685	1	0	1	94	3,957	1	0	1	101	3,982	1	0	1	102	2,235	1	0	1	57
			T2M	3,512	1	0	1	90	3,771	1	0	1	97	3,794	1	0	1	97	2,130	1	0	1	55
			T3S	3,644	1	0	1	93	3,913	1	0	1	100	3,938	1	0	1	101	2,210	1	0	1	57
			T3M	3,607	1	0	1	92	3,873	1	0	1	99	3,898	1	0	1	100	2,187	1	0	1	56
			T4M	3,534	1	0	2	91	3,796	1	0	2	97	3,819	1	0	2	98	2,143	1	0	1	55
			TFTM	3,673	1	0	1	94	3,945	1	0	1	101	3,969	1	0	1	102	2,228	1	0	1	57
20C (20 LEDs)	350mA	23W	T2S	2,820	1	0	1	123	3,028	1	0	1	132	3,047	1	0	1	132	1,777	1	0	1	77
			T2M	2,688	1	0	1	117	2,886	1	0	1	125	2,904	1	0	1	126	1,693	1	0	1	74
			T3S	2,789	1	0	1	121	2,994	1	0	1	130	3,014	1	0	1	131	1,757	0	0	1	76
			T3M	2,760	1	0	1	120	2,965	1	0	1	129	2,983	1	0	1	130	1,739	1	0	1	76
			T4M	2,704	1	0	1	118	2,905	1	0	1	126	2,922	1	0	1	127	1,704	1	0	1	74
			TFTM	2,811	1	0	1	122	3,019	1	0	1	131	3,038	1	0	1	132	1,771	0	0	1	77
	530 mA	35W	T2S	4,079	1	0	1	117	4,380	1	0	1	125	4,407	1	0	1	126	2,504	1	0	1	72
			T2M	3,887	1	0	1	111	4,174	1	0	1	119	4,201	1	0	1	120	2,387	1	0	1	68
			T3S	4,033	1	0	1	115	4,331	1	0	1	124	4,359	1	0	1	125	2,477	1	0	1	71
			T3M	3,993	1	0	2	114	4,288	1	0	2	123	4,315	1	0	2	123	2,451	1	0	1	70
			T4M	3,912	1	0	2	112	4,201	1	0	2	120	4,227	1	0	2	121	2,402	1	0	1	69
			TFTM	4,066	1	0	2	116	4,366	1	0	2	125	4,394	1	0	2	126	2,496	1	0	1	71
	700 mA	46W	T2S	5,188	1	0	1	113	5,572	1	0	1	121	5,607	1	0	1	122	3,065	1	0	1	67
			T2M	4,945	1	0	2	108	5,309	1	0	2	115	5,343	1	0	2	116	2,921	1	0	1	64
			T3S	5,131	1	0	2	112	5,510	1	0	2	120	5,544	1	0	2	121	3,031	1	0	1	66
			T3M	5,078	1	0	2	110	5,454	1	0	2	119	5,487	1	0	2	119	3,000	1	0	1	65
			T4M	4,975	1	0	2	108	5,343	1	0	2	116	5,376	1	0	2	117	2,939	1	0	1	64
			TFTM	5,172	1	0	2	112	5,554	1	0	2	121	5,589	1	0	2	122	3,055	1	0	1	66
	1000 mA	73W	T2S	7,204	1	0	2	99	7,736	2	0	2	106	7,784	2	0	2	107	4,429	1	0	1	61
			T2M	6,865	1	0	2	94	7,373	2	0	2	101	7,419	2	0	2	102	4,221	1	0	1	58
			T3S	7,125	1	0	2	98	7,651	1	0	2	105	7,698	1	0	2	105	4,380	1	0	1	60
			T3M	7,052	1	0	2	97	7,573	2	0	2	104	7,620	2	0	2	104	4,335	1	0	2	59
			T4M	6,909	1	0	2	95	7,420	1	0	2	102	7,466	1	0	2	102	4,248	1	0	2	58
			TFTM	7,182	1	0	2	98	7,712	1	0	2	106	7,761	1	0	2	106	4,415	1	0	2	60

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Performance Data

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient		Lumen Multiplier
0°C	32°F	1.02
10°C	50°F	1.01
20°C	68°F	1.00
25°C	**77°F**	**1.00**
30°C	86°F	1.00
40°C	104°F	0.98

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the **DSXW1 LED 20C 1000** platform in a **25°C ambient**, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	1.0	0.95	0.93	0.88

Electrical Load

LEDs	Drive Current (mA)	System Watts	Current (A) 120V	208V	240V	277V	347V	480V
10C	350	14 W	0.13	0.07	0.06	0.06	-	-
	530	20 W	0.19	0.11	0.09	0.08	-	-
	700	27 W	0.25	0.14	0.13	0.11	-	-
	1000	40 W	0.37	0.21	0.19	0.16	-	-
20C	350	24 W	0.23	0.13	0.12	0.10	-	-
	530	36 W	0.33	0.19	0.17	0.14	-	-
	700	47 W	0.44	0.25	0.22	0.19	0.15	0.11
	1000	74 W	0.69	0.40	0.35	0.30	0.23	0.17

Motion Sensor Default Settings

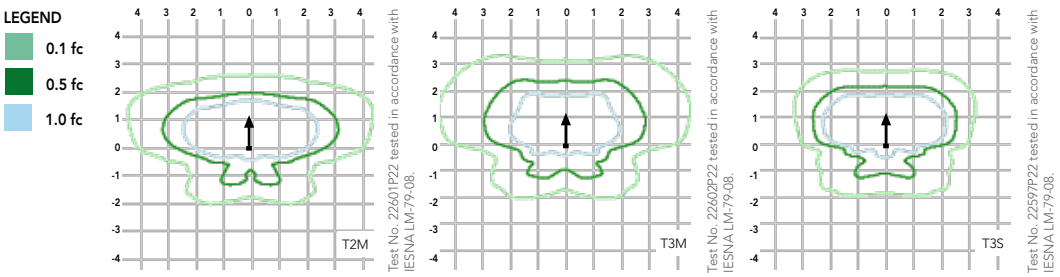
Option	Dimmed State	High Level (when triggered)	Photocell Operation	Dwell Time	Ramp-up Time	Ramp-down Time
PIR or PIRH	3V (37%) Output	10V (100%) Output	Enabled @ 5FC	5 min	3 sec	5 min
*PIR1FC3V or PIRH1FC3V	3V (37%) Output	10V (100%) Output	Enabled @ 1FC	5 min	3 sec	5 min

*For use when motion sensor is used as dusk to dawn control

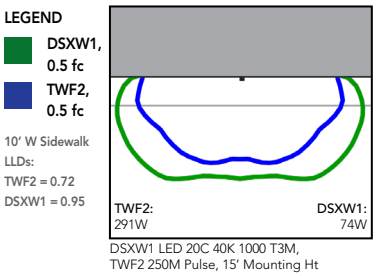
Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's D-Series Wall Size 1 homepage.

Isofootcandle plots for the DSXW1 LED 20C 1000 40K. Distances are in units of mounting height (15').



Distribution overlay comparison to 250W metal halide.



DSXW1 LED 20C 40K 1000 T3M, TWF2 250M Pulse, 15' Mounting Ht

Options and Accessories

T3M (left)

HS - House-side shields

BSW - Bird-deterrent spikes

VG - Vandal guard

DDL - Diffused drop lens

FEATURES & SPECIFICATIONS

INTENDED USE
The energy savings, long life and easy-to-install design of the D-Series Wall Size 1 make it the smart choice for building-mounted doorway and pathway illumination for nearly any facility.

CONSTRUCTION
Two-piece die-cast aluminum housing has integral heat sink fins to optimize thermal management through conductive and convective cooling. Modular design allows for ease of maintenance. The LED driver is mounted to the door to thermally isolate it from the light engines for low operating temperature and long life. Housing is completely sealed against moisture and environmental contaminants (IP65).

FINISH
Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Available in textured and non-textured finishes.

OPTICS
Precision-molded proprietary acrylic lenses provide multiple photometric distributions tailored specifically to building mounted applications. Light engines are available in 3000 K (70 min. CRI), 4000 K (70 min. CRI) or 5000 K (70 min. CRI) configurations.

ELECTRICAL
Light engine(s) consist of 10 high-efficacy LEDs mounted to a metal-core circuit board to maximize heat dissipation and promote long life (L88/100,000 hrs at 25°C). Class 1 electronic drivers have a power factor >90%, THD <20%, and a minimum 2.5KV surge rating. When ordering the SPD option, a separate surge protection device is installed within the luminaire which meets a minimum Category C Low (per ANSI/IEEE C62.41.2).

INSTALLATION
Included universal mounting bracket attaches securely to any 4" round or square outlet box for quick and easy installation. Luminaire has a slotted gasket wireway and attaches to the mounting bracket via corrosion-resistant screws.

LISTINGS
CSA certified to U.S. and Canadian standards. Rated for -40°C minimum ambient.

DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

BUY AMERICAN
This product is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT. Please refer to www.acuitybrands.com/resources/buy-american for additional information.

WARRANTY
Five-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

LITHONIA LIGHTING®

Catalog Number	
Notes	
Type	

FEATURES & SPECIFICATIONS

INTENDED USE

Provides years of maintenance-free illumination for outdoor use in residential & commercial applications. Ideal for applications such as lighting walkways and stairways for safety and security.

CONSTRUCTION

Cast-aluminum housing with corrosion-resistant paint in either dark bronze or white finish.

ADA compliant.

OPTICS

4000K CCT LEDs.

Polycarbonate lens protects the LED from moisture, dirt and other contaminants.

LUMEN MAINTENANCE: The LED will deliver 70% of its initial lumens at 50,000 hour average LED life. See Lighting Facts label on page 2 for performance details.

ELECTRICAL

MVOLT driver operates on any line voltage from 120-277V

Operating temperature -30ºC to 40ºC.

1KV surge protection standard.

INSTALLATION

Surface mounts to universal junction box (provided by others).

LISTINGS

UL Listed to U.S. and Canadian safety standards for wet locations.

Tested in accordance with IESNA LM-79 and LM-80 standards.

WARRANTY — 5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/support/customer-support/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.

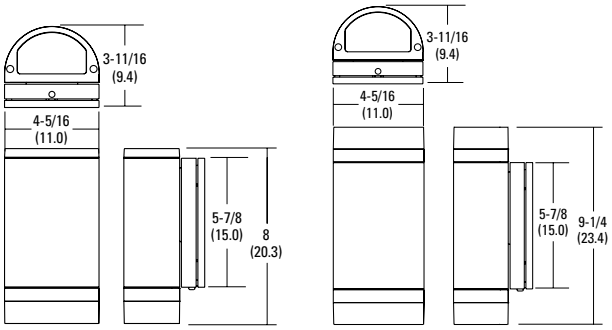
Outdoor General Purpose

OLLWD & OLLWU

LED WALL CYLINDER LIGHT

Specifications

All dimensions are inches (centimeters)



ORDERING INFORMATION For shortest lead times, configure products using **bolded options**.

Example: OLLWD LED P1 40K MVOLT DDB

Series	Performance Package	Color temperature (CCT)	Voltage	Finish
OLLWD LED Downlight **OLLWU LED** Up & downlight	**P1**	**40K** 4000K	**MVOLT** 120V-277V **120** 120V[1]	**DDB** Dark bronze **WH** White[2]

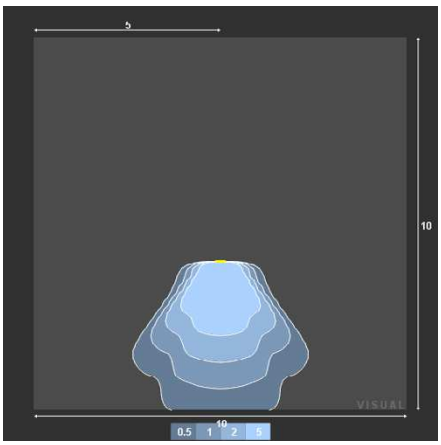
Notes

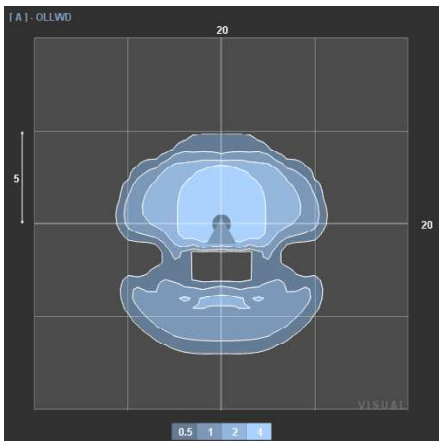
1. Only available with OLLWU and in DDB.
2. Only available with OLLWU.

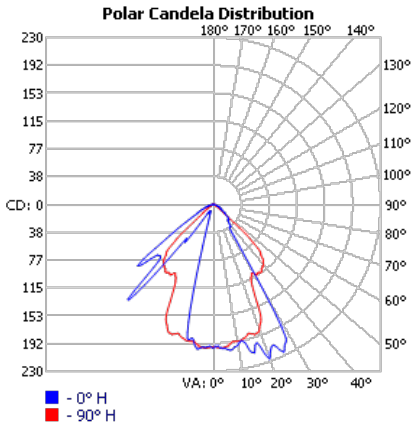
PHOTOMETRICS

To see complete photometric reports or download .ies files for this product,visit Lithonia Lighting's Outdoor LED homepage
Tested in accordance with IESNA LM-79 and LM-80 standards.

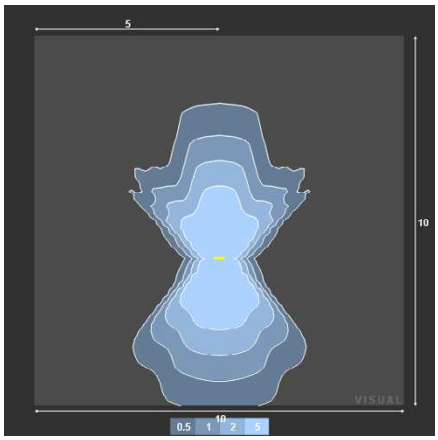
OLLWD

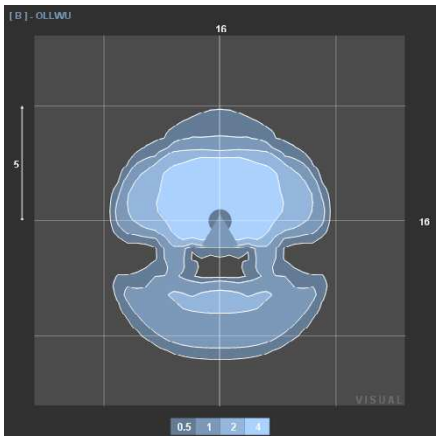


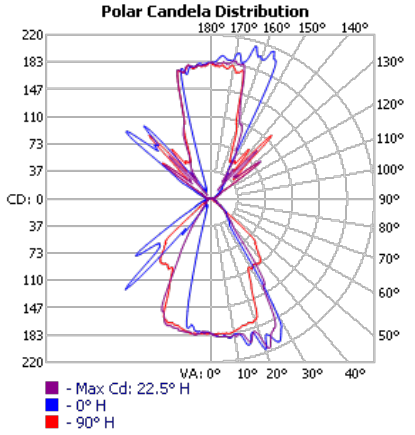




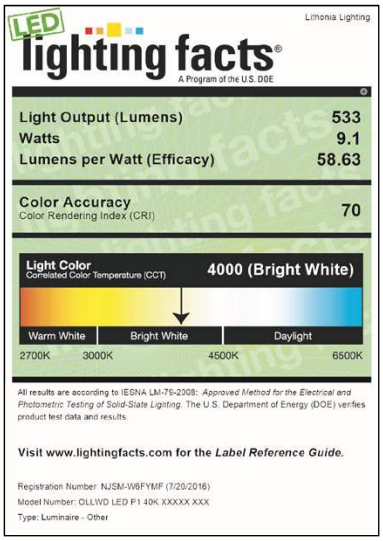
OLLWU







OLLWD



OLLWU