

LANDSCAPE PLAN GENERAL NOTES

PLANT MATERIAL SHOWN ON LANDSCAPE PLAN IS DEPICTED AT MATURE GROWTH.

- AT LEAST SEVENTY-TWO HOURS PRIOR TO ANY EXCAVATION, CONTRACTOR SHALL VERIFY UTILITY LOCATIONS AS GIVEN BY THE ELECTRIC, GAS, TELEPHONE, WATER, SEWER, AND CABLE TELEVISION COMPANIES, UTILITIES OR ENTITIES. REVIEW WITH OWNER'S REPRESENTATIVE SITE MECHANICAL, SITE ELECTRICAL AND LIGHTING, SITE GRADING AND DRAINAGE, SITE IRRIGATION AND ALL OTHER DRAWINGS PERTAINING TO UNDERGROUND UTILITY LOCATIONS. RECORD SET OF INFORMATION THE SAME AS IN POSSESSION OF OWNER'S REPRESENTATIVE. ALSO REVIEW OWNER'S "MARK SETS" OF ALL OF THESE DRAWINGS IN POSSESSION OF THE CONTRACTOR OR OWNER. MARK ALL SUCH UTILITIES ON THE SITE PRIOR TO COMMENCING. COORDINATE WITH OWNER BEFORE AND DURING CONSTRUCTION. REPAIR ANY DAMAGE TO ANY SYSTEM THAT IS CAUSED BY LANDSCAPE CONTRACTOR AT NO COST TO OWNER.
- ALL PLANTINGS SPECIFIED FOR THE ALDI FOOD STORE #48 PROJECT PLANTING TABLES SHALL COMPLY WITH STANDARDS AS DESCRIBED IN AMERICAN STANDARD OF NURSERY STOCK ANSI Z60.1 2014 AND ANSI STANDARDS FOR PLANTING 2012.
- ALL DEVIATIONS FROM THE APPROVED ALDI FOOD STORE #48 PROJECT PLANS SHALL BE NOTED ON THE RECORD DRAWINGS BY THE CONTRACTOR AND MAY BE EXECUTED ONLY WITH PRIOR APPROVAL FROM THE LANDSCAPE ARCHITECT AND OWNER'S REPRESENTATIVE. VERBAL AGREEMENTS OR REVISIONS WITHOUT A CHANGE ORDER WILL NOT BE RECOGNIZED BY LANDSCAPE ARCHITECT AND OWNER.
- ALL PLANTS MUST BE BID AND SELECTED PER THE SPECIES SPECIFIED ON THE PLANS, ANY SPECIES SUBSTITUTIONS MUST BE APPROVED IN WRITING BY LANDSCAPE ARCHITECT. THE SIZES OF PLANT MATERIAL LISTED HEREIN IS A MINIMUM ACCEPTABLE SIZE. ADDITIONALLY, IF EXCESSIVE PRUNING REDUCES THE CROWN THE PLANT SHALL BE REPLACED.
- PROTECT PUBLIC FROM CONSTRUCTION WITH BARRIERS AND BARRICADES.
- ALL AREAS THAT WERE DISTURBED DURING CONSTRUCTION AND AREAS NOT COVERED WITH PAVEMENT, BUILDING, PLANTING BEDS, OR TREE PITS ARE TO BE TOPSOILED 3" DEEP (MIN.) AND SHALL BE SOODED/SEEDED WITH SPECIFIED LAWN GRASS. LANDSCAPE CONTRACTOR SHALL INCLUDE COST PER SQUARE YARD FOR ADDITIONAL SEED OPERATIONS AS MAY BE POSSIBLY REQUIRED TO REESTABLISH ADJACENT TURF GRASS AREAS WHICH MAY BECOME DAMAGED DURING THE CONSTRUCTION PROCESS OR TO REPAIR DAMAGE DONE BY OTHERS.
- CONTRACTOR IS RESPONSIBLE FOR FURNISHING ALL MATERIALS, TOOLS, EQUIPMENT, LABOR, AND PLANTS NECESSARY FOR PROPER PLANTING AND INSTALLATION OF ALL LANDSCAPE MATERIAL.
- QUANTITIES ON PLANT MATERIALS LIST ARE FOR CONVENIENCE OF BIDDING ONLY. CONTRACTOR IS RESPONSIBLE FOR ALL PLANTS SHOWN ON LANDSCAPE PLANS AND COVERAGE OF ALL AREAS DELINEATED. THE PLANS ARE TO SUPERSEDE THE PLANT LIST IN ALL CASES.
- CONTRACTOR IS RESPONSIBLE FOR ALL ESTIMATING AND BIDDING, ALL AREAS, QUANTITIES MATERIALS SHOULD BE FIELD VERIFIED WITH SITE CONDITION.
- WHERE DISCREPANCIES OCCUR BETWEEN THE LANDSCAPE PLANS AND/OR ARCHITECTURAL AND/OR THE CIVIL DRAWINGS (AND ANY OTHER SITE DRAWINGS) THE DISCREPANCIES MUST BE BROUGHT TO THE LANDSCAPE ARCHITECTS ATTENTION FOR COORDINATION AND RESOLUTION.
- ALL DISEASED, NOXIOUS OR INAPPROPRIATE MATERIALS SHALL BE REMOVED FROM THE PROPOSED SITE PRIOR TO THE START OF CONSTRUCTION AND DURING THE MAINTENANCE PERIOD.
- GENERAL CONTRACTOR SHALL LEAVE THE SITE FREE OF CONSTRUCTION DEBRIS.
- ALL LAWN AND PLANTING AREAS SHALL SLOPE TO DRAIN A MINIMUM OF 2% UNLESS NOTED OTHERWISE AND REVIEWED WITH OWNER'S REPRESENTATIVE FOR FINAL APPROVAL.
- FINISH GRADES FOR SHRUB AND GROUND COVER AREAS SHALL BE HELD 1" BELOW TOP OF ADJACENT PAVEMENTS AND CURBS, UNLESS NOTED OTHERWISE ON THE PLANS. REFER TO LSP1.2 FOR FURTHER INFORMATION.
- ALL PERENNIAL, ANNUAL AND GROUND COVER AREAS TO RECEIVE A BLEND OF ORGANIC SOIL AMENDMENTS PRIOR TO PLANTING. TILL THE FOLLOWING MATERIALS INTO EXISTING TOPSOIL TO A DEPTH OF APPROXIMATELY 8". A DEPTH OF 12" IN TREE PITS. PROPORTIONS AND QUANTITIES MAY REQUIRE ADJUSTMENT DEPENDING ON THE CONDITION OF EXISTING SOIL. REFER TO LSP1.2 FOR FURTHER INFORMATION.
PER EVERY 100 SQUARE FEET ADD: ONE - 2 CUBIC FOOT BALE OF PEAT MOSS, 2 POUNDS OF 5-10-5 GARDEN FERTILIZER, 1/4 CUBIC YARD OF COMPOSTED MANURE OR OTHER COMPOSTED, ORGANIC MATERIAL.
- ALL SHRUBS TO BE POCKET PLANTED WITH A 50/50 MIX OF COMPOSTED, ORGANIC MATERIAL AND EXISTING SOIL. INSTALL TOPSOIL INTO ALL BEDS AS NEEDED TO ACHIEVE PROPER GRADE. REMOVE ALL EXCESSIVE GRAVEL, CLAY AND STONES. REFER TO LSP1.2 FOR FURTHER INFORMATION.
- PLANT ALL TREES SLIGHTLY HIGHER THAN FINISHED GRADE AT ROOT FLARE. BACK FILL HOLE WITH 2/3 EXISTING TOPSOIL AND ORGANIC SOIL AMENDMENTS SPECIFIED IN NOTE 15. AVOID ANY AIR POCKETS. DISCARD ANY GRAVEL CLAY OR STONES. REFER TO LSP1.2 FOR FURTHER INFORMATION.
- ALL TREES TO BE INSTALLED, STAKED AND GUYED ACCORDING TO DETAILS. REFER TO ANSI STANDARDS FOR PLANTING 2012 AND DETAILS ON LSP1.2 FOR FURTHER INFORMATION.
- PROVIDE A 4'-0" - 5'-0" DIAMETER MULCH RING AT THE ROOT BALL FLARE OF ALL LAWN TREES.
- ALL PLANTINGS TO BE WATERED AT THE TIME OF PLANTING, THROUGHOUT CONSTRUCTION AND UPON COMPLETION OF PROJECT AS REQUIRED.
- WHERE SPECIFIED, ALL PLANT BEDS, PITS AND TREE RINGS ARE TO RECEIVE A MINIMUM OF 2" - 3" DRESSING OF SHREDDED HARDWOOD OAK BARK MULCH SHAVINGS FREE OF GROWTH WEEDS, FOREIGN MATTER DETRIMENTAL TO PLANT LIFE OR GERMINATION INHIBITING INGREDIENTS. LANDSCAPE CONTRACTOR TO PROVIDE A SAMPLE TO OWNER FOR APPROVAL. CONTRACTOR TO TAKE CARE WITH INSTALLATION NOT TO DAMAGE OR COVER PLANTS. REFER TO LSP1.2 FOR FURTHER INFORMATION.
- PER ALDI SPECIFICATIONS, TWO LAYERS OF WEED BARRIER MADE FROM FIBERGLASS AND ULTRA-VIOLET LIGHT RESISTANT MATERIAL SHALL BE PLACED IN ALL PLANTING BEDS UNDERNEATH SHREDDED BARK MULCH. MAKE PROPER OPENINGS FOR ALL PLANT MATERIAL TO ALLOW FOR GROWTH AND PLANT SURVIVABILITY.
- LAWN INSTALLATION: PER ALDI SPECIFICATIONS, CONTRACTOR TO FURNISH AND PREPARE TOPSOIL (4" MIN) AND SEED BED (REMOVE ALL STONES 1" OR LARGER), APPLY STARTER FERTILIZER AND SEED UNIFORMLY. PER ALDI SPECIFICATION REQUIREMENTS: METHOD OF INSTALLATION BE SEED BY BROADCAST SPREADER METHOD; ALL SEEDING OPERATIONS SHALL BE PERFORMED IN SUCH A MANNER THAT THE SEED IS APPLIED IN THE SPECIFIED QUANTITIES EVENLY DISTRIBUTED THROUGHOUT THE AREA SOWN AND UNIFORMLY TEXTURED LAWN. IN THE DESIGNATED TURF GRASS AREAS. APPLICATION FERTILIZER SHALL BE PLACED AT A MINIMUM OF 80 POUNDS PER ACRE AND SEED AT A MINIMUM OF 200 POUNDS PER ACRE. IT IS HIS/HER RESPONSIBILITY TO ESTABLISH AND GUARANTEE A SMOOTH, UNIFORM, QUALITY TURF.
- PROVIDE A 100% BIODEGRADABLE WOOD FIBER EROSION CONTROL BLANKET AND E-STAPLES, A 100% BIODEGRADABLE TURF STAPLE FOR ALL TURF AREAS SUCH THAT IT PROVIDES TEMPORARY PROTECTION FOR TURF GRASS SEED AND TOPSOIL DURING THE GERMINATION AND ROOT SYSTEM DEVELOPMENT STAGE. SPECIFIED BLANKET: CURLEX 1 CL BLANKET AND E-STAPLE FROM AMERICAN EXCELSIOR COMPANY. LOCAL SUPPLIER: REINDER'S (800) 785-3301. A CURLEX EROSION CONTROL MATTING AND E-STAPLES SHOULD BE USED IN SWALES AND STEEP GRADES WITH SLOPES GREATER THAN THREE (3) FEET HORIZONTAL TO ONE (1) FOOT VERTICAL RISE AND WHERE APPLICABLE.
- DELUXE 50 GRASS SEED MIX REINDER'S (800) 785-3301**
 - 20% KENTUCKY BLUE GRASS
 - 15% NEWPORT KENTUCKY BLUE GRASS
 - 15% SR 2100 Kentucky Bluegrass
 - 25% Creeping Red Fescue
 - 15% Replicator Perennial Ryegrass
 - 10% Fiesta 4 Perennial Ryegrass
 - APPLY AT A RATE OF 200 POUNDS PER ACRE. REFER TO SUPPLIERS SPECIFICATIONS & INSTALLATION CUT SHEETS FOR FURTHER FORMATION
- DURING THE INITIAL "30 DAY MAINTENANCE PERIOD" THE LANDSCAPE CONTRACTOR IS REQUIRED TO PROVIDE AND ON-GOING PLEASANT VISUAL ENVIRONMENT WHEREAS ANY PLANT WHICH IS NOT RESPONDING TO TRANSPANTING OR THRIVING SHALL IMMEDIATELY BE REPLACED. NEW LAWNS SHALL BE WATERED AND REPAIRED AND WEEDS MUST CONSTANTLY BE REMOVED, NO EXCEPTIONS WILL BE GRANTED.
MAINTENANCE NOTE:
MAINTENANCE IS THE RESPONSIBILITY OF THE PROPERTY OWNER TO MAINTAIN REQUIRED LANDSCAPING IN ACCORDANCE WITH THE MUNICIPALITY'S PROPERTY MAINTENANCE CODE AND AN APPROVED MAINTENANCE PLAN. THE MAINTENANCE MUST INCLUDE, AT A MINIMUM, METHODS FOR PROVIDING THE FOLLOWING:
 - NECESSARY IRRIGATION (IF REQUIRED),
 - INTEGRATED PEST MANAGEMENT,
 - PROPER FERTILIZATION
 - TREE CARE AND PRUNING, SHRUB TIP CLIPPING AND SHAPING AS REQUIRED
 - REPLACEMENT OF LOST VEGETATION, AND ALL DISEASED, DAMAGED, OR DEAD MATERIAL WILL BE REPLACED BY THE END OF THE FOLLOWING PLANTING SEASON IN PERPETUITY.
 - WEED MANAGEMENT AND BED CARE.
- ALL NEWLY PLANTED TREES AND SHRUBS ARE TO RECEIVE AN APPLICATION OF AN ANTI-TRANSPARENT SPRAY THAT WILL EFFECTIVELY REDUCE THE WATER LOSS OF TRANSPARATION OF PLANT MATERIAL AND REDUCE THE STRESS OF TRANSPANTATION. IT IS RECOMMENDED AS PART OF THE ONGOING MAINTENANCE THAT ANY BROADLEAF EVERGREEN AND CONIFEROUS TREE AND SHRUBS (EXCLUDING ARBORVITAE) RECEIVE AN APPLICATION OF AN ANTI-DESICCANT SPRAY TO REDUCE THE LOSS OF MOISTURE DUE TO WINTER DESICCATION.
- MAINTENANCE. THE OWNER SHALL TEND AND MAINTAIN ALL PLANT MATERIALS IN A HEALTHY GROWING CONDITION AS PER THE APPROVED PLAN. PLANTINGS SHALL BE REPLACED WHEN NECESSARY AND KEPT FREE FROM REFUSE & DEBRIS. ALL PLANTING MATERIAL WHICH IS DYING OR DAMAGED BEYOND RECOVERY SHALL BE REPLACED WITHIN SIX (6) MONTHS OR BY THE NEXT PLANTING SEASON, WHICHEVER COMES FIRST.
- LANDSCAPE / SITE DEMOLITION CONTRACTOR TO VERIFY LOCATIONS OF EXISTING TREES AND SHRUBS TO BE SALVAGED AND CLEARLY TAG THEM WITH MARKING TAPE AND CONSTRUCTION FENCE.

SITE INFORMATION

USDA PLANT HARDINESS ZONE	5a (-20 to -15 Degrees F)	TOTAL IMPERVIOUS	85,619 SQ. FT. (1.97 Acres)
LOT ZONING	B-1 - General Business District	TOTAL GREENSPACE	35,103 SQ. FT. (0.81 Acres)
LOT AREA	120,722 SQ. FT. (2.77 Acres)	SITE LANDSCAPE PERCENTAGE	29.1%
DESIGN BUILDING AREA	20,644 SQ. FT.	TOTAL PARKING STALLS	95 STALLS

SITE COMPLIANCE: THIS LANDSCAPE PLAN IS ACCURATE AND IN COMPLIANCE WITH THE CITY OF WHITEWATER LANDSCAPING GUIDELINES

- STREET FRONTAGES. ONE DECIDUOUS TREE MUST BE PLANTED FOR EACH 35 FEET ALONG EACH SIDE OF ASTREET RIGHT-OF-WAY. STREET TREES SHOULD BE PLANTED MIDWAY BETWEEN THE STREET CURB AND THE SIDEWALK, OR WITHIN 15 FEET OF THE PROPERTY LINE ADJOINING THE STREET.
348.5 LINEAL FEET OF STREET FRONTAGE
10 STREET TREES REQUIRED
10 STREET TREES PROVIDED
- PAVED AREAS. ONE LARGE DECIDUOUS TREE AND 60 POINTS OF ADDITIONAL LANDSCAPING SHOULD BE PLANTED FOR EACH 1,500 SQUARE FEET OF PAVED AREA. PLANTS SHOULD BE INSTALLED IN LANDSCAPED ISLANDS WITHIN THE PAVED AREA OR WITHIN 15 FEET OF THE EDGES OF THE PAVED AREA. LANDSCAPED ISLANDS OR PENINSULAS MUST BE PROVIDED AT THE END OF EVERY PARKING ROW, AND INTERIOR ISLANDS SHOULD BE PROVIDED FOR EVERY 20 PARKING SPACES IN NONINDUSTRIAL PROJECTS.
64,955 SQUARE FEET OF PAVED AREA
43 TREES AND 2598 LANDSCAPE POINTS ARE REQUIRED
21 TREES AND 2661 LANDSCAPE POINTS ARE REQUIRED PROVIDED
- BUILDING FOUNDATIONS. 160 POINTS OF LANDSCAPING SHOULD BE PLANTED FOR EACH 100 LINEAL FEET OF EXTERIOR BUILDING WALL THAT IS VISIBLE FROM PUBLIC RIGHTS-OF-WAY AND ADJOINING SITES. PLANTS REQUIRED BY THIS SECTION SHOULD BE INSTALLED WITHIN 20 FEET OF THE BUILDING FOUNDATION.
665 LINEAL FEET OF FOUNDATION
399 LANDSCAPE POINTS ARE REQUIRED
366 LANDSCAPE POINTS ARE REQUIRED PROVIDED

19.51.100 - LANDSCAPED ISLANDS FOR PARKING BAYS. LANDSCAPED ISLANDS SHALL BE REQUIRED AT THE ENDS OF PARKING BAYS TO CLEARLY DEFINE LANE AND TURNING PATTERNS,

19.57.150 - OUTDOOR LIGHTING STANDARDS.
D.MAXIMUM LUMINAIRE HEIGHT. THE MAXIMUM PERMITTED LUMINAIRE HEIGHT SHALL BE THIRTY-FIVE FEET IN ALL COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL DISTRICTS, AND TWENTY-FIVE FEET IN ALL RESIDENTIAL DISTRICTS. THE HEIGHT OF BOTH THE POLE AND BASE SHALL BE CONSIDERED IN THE MEASUREMENT OF LUMINAIRE HEIGHT.
E.MAXIMUM ILLUMINATION LEVELS. AVERAGE ILLUMINATION LEVELS WITHIN PARKING LOTS SHALL NOT EXCEED 1.0 FOOTCANDLE WITHIN RESIDENTIAL DISTRICTS, AND 2.5 FOOTCANDLES WITHIN ALL OTHER DISTRICTS. THE ILLUMINATION LEVEL AT ANY PROPERTY LINE SHALL NOT EXCEED 0.5 FOOTCANDLES ABOVE THE AMBIENT LIGHTING CONDITIONS ON A CLOUDLESS NIGHT WHERE THE PROPERTY ADJOINS LAND IN A RESIDENTIAL DISTRICT, AND 2.0 FOOTCANDLES ABOVE THE AMBIENT LIGHTING CONDITIONS ON A CLOUDLESS NIGHT WHERE THE PROPERTY ADJOINS LAND IN ANY OTHER ZONING DISTRICT.
F.USE OF SHIELDED LIGHT FIXTURES. ALL OUTDOOR LIGHTING FIXTURES SHALL BE SHIELDED AS DEFINED IN SECTION 19.09.623.
H.LIGHTING. NO EXTERIOR LIGHT FIXTURE SHALL BE LOCATED WITHIN ANY REQUIRED LANDSCAPE BUFFERYARD OR WITHIN THREE FEET OF ANY PROPERTY LINE.

CONTRACTOR NOTE: THE LANDSCAPE CONTRACTOR/GENERAL CONTRACTOR ARE RESPONSIBLE TO INSTALL THE LANDSCAPE AS PER THE APPROVED PLAN. IF ANY CHANGES OR DEVIATIONS ARE MADE FROM THIS APPROVED PLAN, THE LANDSCAPE CONTRACTOR / GENERAL CONTRACTOR ARE RESPONSIBLE FOR UPDATING THE PLANS ACCORDINGLY AND SUBMITTING THOSE REVISED PLANS FOR APPROVAL AND "SIGN OFF" WITH THE CITY OF WHITEWATER. THE LANDSCAPE CONTRACTOR / GENERAL CONTRACTOR ARE ALSO RESPONSIBLE FOR VERIFYING THAT ANY PLANT MATERIAL SUBSTITUTIONS OR MODIFICATIONS THAT ARE MADE TO THE APPROVED LANDSCAPE DESIGN DOCUMENTS WILL NOT CHANGE OR ALTER ANY OF THE REQUIRED SUPPORTING LANDSCAPE REQUIREMENT CALCULATIONS. UPON COMPLETION OF THE CONSTRUCTION PROJECT AND FILE THAT AFFIDAVIT WITH THE CITY OF WHITEWATER

EXISTING CONDITIONS GENERAL NOTES

- INFORMATION PERTAINING TO EXISTING CONDITIONS GIVEN ON THESE LANDSCAPE DRAWINGS REPRESENTS TO THE BEST OF OUR KNOWLEDGE THE ACTUAL EXISTING FIELD CONDITIONS. INSITE LANDSCAPE DESIGN, INC. MAKES NO WARRANTY AS TO THEIR ACCURACY. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS IMPERATIVE TO THEIR NEW WORK. REPORT ANY DISCREPANCIES BETWEEN THE DRAWINGS AND FIELD CONDITIONS TO THE LANDSCAPE ARCHITECT FOR REVIEW. ANY WORK PERFORMED PRIOR TO RESOLUTION OF DISCREPANCIES BY THE LANDSCAPE ARCHITECT IS SUBJECT TO REMOVAL AND REPLACEMENT AT NO ADDITIONAL COST TO THE CONTRACT.
- THE LOCATIONS OF EXISTING UTILITY INSTALLATIONS AS SHOWN ON THIS PLAN ARE APPROXIMATE. THERE MAY BE UNDERGROUND UTILITY INSTALLATIONS WITHIN THE PROJECT AREA OF DISTURBANCE THAT ARE NOT SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE EXISTENCE AND LOCATION OF ALL UNDERGROUND UTILITIES.
- VERIFY ALL EXISTING CONDITIONS, DIMENSIONS, AND ALIGNMENT OF WALLS. BRING ANY DISCREPANCIES TO THE LANDSCAPE ARCHITECTS ATTENTION PRIOR TO FABRICATION / CONSTRUCTION BEGINS.
- VERIFY LOCATION OF ACCESS PANELS W/ MECHANICAL AND ELECTRICAL EQUIPMENT FOR ACCESSIBILITY OF MECHANICAL & ELECTRICAL ITEMS. VERIFY LOCATIONS OF ALL BURIED UTILITIES AND STRUCTURES AND LOCATIONS OF ALL OVERHEAD WIRES.
- VERIFY LOCATION OF ALL EXISTING EASEMENTS.
- INSITE LANDSCAPE DESIGN, INC. ASSUMES NO RESPONSIBILITY FOR DAMAGES, LIABILITY OR COSTS RESULTING FROM CHANGES OR ALTERATIONS MADE TO THIS PLAN WITHOUT THE EXPRESSED WRITTEN CONSENT OF INSITE LANDSCAPE DESIGN, INC.

Proposed Plant Material Table

Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Points	Mature Size	Comments
Broadleaf Deciduous Tree								
3	Acgr		Acer griseum	Paperbark maple	2'-Col - B&B	150	25' x 20'	1
3	BepIW		Betula platyphylla japonica 'Whitespire'	Whitespire Japanese White Birch	1 1/2' Col - B&B	150	35' x 15'	1
3	GibIP		Ginkgo biloba 'Princeton Sentry'	Pinceton Sentry Maidenhair Tree	2'-Col - B&B	150	40' x 25'	1, 6
2	MaAr		Malus 'Adirondack'	Adirondack Flowering Crab	2'-Col - B&B	60	20' x 10'	1
3	Osvl		Ostrya virginiana	American Hophornbeam (Ironwood)	2'-Col - B&B	150	35' x 25'	1
4	PycAc		Pyrus calleryana 'Chanticleer'	Chanticleer Pear	2'-Col - B&B	60	30' x 15'	1
3	TicoGS		Thuja occidentalis 'Green Spire'	Green Spire Linden	2'-Col - B&B	150	50' x 30'	1
-	Extg		Existing to Remain	Existing to Remain	Existing	Existing	Existing	2

Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Points	Mature Size	Comments
Conifer Evergreen Tree								
3	PiomB		Picea omorika 'Brun's'	Brun's Serbian Spruce	4' - 5' - B&B	40	25' x 9'	3
3	PIIV		Pinus flexilis 'Vanderwolf's Pyramid'	Vanderwolf's Pyramid Lamber Pine	4' - 5' - B&B	40	25' x 13'	3

Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Points	Mature Size	Comments
Broadleaf Deciduous Shrub								
18	SbpeT		Spiraea betulifolia 'Tor'	Tor Birchleaf Spiraea	18" - Cont	20	3.5' x 3.5'	4
23	SpjAr		Spiraea japonica 'Tracy'	Double Flay Big Bang Spiraea	18" - Cont	20	2.5' x 2.5'	4

Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Points	Mature Size	Comments
Conifer Evergreen Shrub								
12	JupISG		Juniperus x pfitzeriana 'MorSan'	Sea of Gold Juniper	18" - 24" - B&B	20	3' x 4'	4
18	ThocAB		Thuja occidentalis 'Art Boe'	North Pole Arborvitae	4' - 5' - B&B	20	16' x 4.5'	3

Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Points	Mature Size	Comments
Perennial Grass								
3	PavIn		Panicum virgatum 'Northwind'	Northwind Switch Grass	1-Gal - Cont	2	2.5' x 5'	5
27	SppeT		Sporobolus heterolepis 'Tara'	Tara Prairie Dropseed	1-Gal - Cont	2	2.5' x 2.5'	5

Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Points	Mature Size	Comments
Perennial								
45	HeSW		Hemerocallis x Swirling Water	Swirling Water Daylily	4 1/2" pot	1	1.5' x 1.5'	5

Comments

- Straight central leader, full & even crown. Prune only after planting.
- Prune existing trees, remove any dead, diseased or hazardous limbs. Thin out as required and raise canopy for safety and viability for both pedestrians and motorists.
- Evenly shaped upright tree with full branching to the ground.
- Full, well rooted plant, evenly shaped.
- Full, well rooted plant.
- Male only

TO OBTAIN LOCATION OF PARTICIPANTS UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

WISCONSIN STATUTE 182.0175 (1974) REQUIRES A MINIMUM OF 3 DAYS NOTICE BEFORE YOU EXCAVATE (NOT INCLUDING SATURDAY, SUNDAY OR LEGAL HOLIDAYS)

UNDERGROUND SEWER AND UTILITY INFORMATION AS SHOWN IS OBTAINED FROM THE RECORDS OF MUNICIPALITY AND LOCAL UTILITY COMPANIES. THE ACCURACY OF WHICH CAN NOT BE GUARANTEED OR CERTIFIED. THE LOCATIONS OF EXISTING UTILITY INSTALLATIONS AS SHOWN ON THIS SURVEY ARE APPROXIMATE. THERE MAY BE OTHER UNDERGROUND UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.	TO OBTAIN LOCATION OF PARTICIPANTS UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN CALL THE MILWAUKEE UTILITY ALERT NETWORK www.diggershotline.com (800)-242-8511 OR
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LUMINAIRE SCHEDULE									
Symbol	Label	Qty	Catalog Number	Description	Lamp	File	Lumens	LLF	Watts
	A	8	CPY250-A-DM-F -C-UL-CS	Cree CPY250 Canopy / Soffit Luminaire w- Flat Lens, 122W, 5700K Platinum Silver Factory Finish, Provide Canopy Mounting Plate	72 type XTE AW7 LEDs on white square PCB. 5700K color temperature.	CPY250-A-xxx-F-4L-w-57K_RESTL-2013-0002.les	Absolute	1.00	43.4
	B	6	XSPW-A-0-3-M -C-UL-CS	Cree XSPW Series Wallpack Luminaire, Type III Medium, 5700K, C Input Power Designator, Platinum Silver factory Finish, U.L. listed for Wet Locations	4 type MDA LEDs	XSPWx3FC-U_RESTL-2014-0018.IES	Absolute	1.00	42.7
	C	5	P5642-3030K9	P5642-3030K9 6" diameter up/down wall mount LED cylinder with LEDs moved closer to opening.	40-Nichia LEDs 3000K	P5642-3030K_160002_0.IES	Absolute	1.00	58
	D	2	OSQ A NM 4M E K 57K-UL-CS CL-SSP-4011-25 -D6-PS-ABL	CONFIGURED FROM Cree OSQ Series Area Luminaire, Type IV Medium, K Input Power Designator, 5700K	CONFIGURED FROM Eight type MDA 5700K LEDs	OSQ A xx 4M E K w- OSQ 57K_CONFIGU RED.ies	Absolute	1.00	520
	E	2	OSQ A NM 3ME T 57K-UL-CS-BLSLF CL-SSP-4011-25 -D6-PS-ABL	CONFIGURED FROM Cree OSQ Series Area Luminaire, Type III Medium w/ Backlight Shield, T Input Power Designator, 5700K	CONFIGURED FROM Eight type MDA 5700K LEDs	OSQ A xx 3ME T w- OSQ-BLSLF 57K_CONFIGU RED.ies	Absolute	1.00	166
	F	1	OSQ A NM 4M E T 57K-UL-CS CL-SSP-4011-25 -D6-PS-ABL	CONFIGURED FROM Cree OSQ Series Area Luminaire, Type IV Medium, T Input Power Designator, 5700K	CONFIGURED FROM Eight type MDA 5700K LEDs	OSQ A xx 3ME U w- OSQ 57K_CONFIGU RED.ies	Absolute	1.00	332
	G	2	OSQ A NM 2ME K 57K-UL-CS-BLSLF CL-SSP-4011-25 -D6-PS-ABL	CONFIGURED FROM Cree OSQ Series Area Luminaire, Type II Medium, K Input Power Designator, 5700K	CONFIGURED FROM Eight type MDA 5700K LEDs	OSQ A xx 2ME K w- OSQ 57K_CONFIGU RED.ies	Absolute	1.00	130

STATISTICS

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min	UG	CV	Avg/Max
Calc Zone #6		1.8 fc	19.8 fc	0.0 fc	N / A	N / A	-1.0	2.2	0.0:1

LUMINAIRE NOTES

- FIXTURE 'D' (2) IS A NEW POLE LOCATION W/ NEW POLE MOUNTED FIXTURES (QUAD HEAD AND TENONS). FIXTURES ARE TO BE INSTALLED ON A NEW 2'-6" TALL REINFORCED POURED CONCRETE FOUNDATION AND NEW 22'-0" SQUARE SILVER POLE.
- FIXTURE 'E' (2) IS A NEW POLE LOCATION W/ NEW POLE MOUNTED FIXTURES (SINGLE HEAD AND TENONS W/ BACKLIGHT/HOUSE SIDE SHIELD). FIXTURES ARE TO BE INSTALLED ON A NEW 2'-6" TALL REINFORCED POURED CONCRETE FOUNDATION AND NEW 22'-0" SQUARE SILVER POLE.
- FIXTURE 'F' (1) IS A NEW POLE LOCATION W/ NEW POLE MOUNTED FIXTURES (TWIN HEAD, TENON). FIXTURES ARE TO BE INSTALLED ON A NEW 1'-6" TALL REINFORCED POURED CONCRETE FOUNDATION AND NEW 22'-0" SQUARE SILVER POLE.
- FIXTURE 'G' (2) IS A NEW POLE LOCATION W/ NEW POLE MOUNTED FIXTURES (SINGLE HEAD AND TENONS W/ BACKLIGHT/HOUSE SIDE SHIELD). FIXTURES ARE TO BE INSTALLED ON A NEW 2'-6" TALL REINFORCED POURED CONCRETE FOUNDATION AND NEW 22'-0" SQUARE SILVER POLE.
- ALL PROPOSED FIXTURE HEADS ARE TO BE DARK-SKY COMPLIANT AND HAVE HARDWARE WITH ESNA FULL CUTOFF HOUSE SIDE SHIELDING WHERE REQUIRED. NEW PROPOSED POLE MOUNTED FIXTURES (HEADS AND TENONS) FINISHES TO MATCH EXISTING W/ OPTIONAL PHOTOCELL CONTROL.
- ALL NEW CONCRETE LIGHT POLE BASES ARE TO HAVE ALL EXPOSED FORM MARKS REMOVED, GROUND FLUSH AND THE SURFACE IS TO BE PROPERLY PREPARED TO RECEIVE A HAND TROWELED, MASONRY SKIN COAT OF APPROPRIATE THICKNESS TO ACHIEVE A DURABLE SURFACE AND LONG LASTING AESTHETIC.
- ALL NEW PROPOSED AREA LIGHT POLES SHALL BE LOCATED 3'-0" FROM BACK OF CURB TO THE EDGE OR FACE OF THE REINFORCED LIGHT POLE BASE, UNLESS NOTED OTHERWISE.
- INSTALLATION CONTRACTOR TO REFER TO ELECTRICAL PLANS FOR CONDUIT ROUTING OF LIGHT POLES AND SIGNAGE LIGHTING CONTROL AND WIRING.
- CONTRACTOR TO REFER TO REINFORCED LIGHT POLE BASE SECTION AND DETAIL FOR FURTHER INFORMATION.
- PROPOSED POLE MOUNTED FIXTURES (HEADS AND TENONS) ARE TO HAVE A SILVER FINISH W/ OPTIONAL PHOTOCELL CONTROL.
- ALL EXTERIOR FIXTURES, BOTH LIGHTING MOUNTED AND POLE FIXTURES SHALL BE DESIGNED AND INSTALLED SUCH THAT THE LIGHT EMITTED FROM THE LUMINAIRE AT AN ANGLE OF 72 DEGREES FROM VERTICAL (OR MORE) AND NO LIGHT SHALL TRESSPASS ACROSS PARCEL BOUNDARIES INTO ADJACENT LOTS, BUILDINGS OR STREETS IN EXCESS OF 1.0 FOOT CANDLE OR GREATER.
- ALL BUILDING MOUNTED LIGHT FIXTURES ARE TO BE COORDINATED WITH THE ARCHITECTURAL ELEVATIONS FOR EXACT MOUNTING HEIGHTS AND LOCATIONS. FOR PURPOSES OF CALCULATING THE SITE POLE LIGHTING AND PHOTOMETRIC OUTPUT LUMINAIRE WERE PLACED AT 22'-0" ABOVE FINISHED FLOOR ELEVATION AND ALL BUILDING MOUNTED FLOOR LIGHTS COORDINATED WITH THE ARCHITECTURAL ELEVATIONS AND PLACED AT HEIGHTS SPECIFIED ON THE BUILDING ELEVATIONS.

THIS LIGHTING PLAN REPRESENTS ILLUMINATION LEVELS ARE CALCULATED VALUES INCLUDE DIRECT AND INTER-REFLECTED COMPONENT AND ILLUMINATION LEVELS. CALCULATED FROM LABORATORY DATA TAKEN UNDER CONTROLLED CONDITIONS IN ACCORDANCE WITH THE ILLUMINATING ENGINEERING SOCIETY (IES) APPROVED METHODS. ACTUAL PERFORMANCE OF ANY MANUFACTURER'S LUMINAIRES MAY VARY DUE TO CHANGES IN ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS/LEDs AND OTHER MAY VARY DUE TO CHANGES IN ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS/LEDs AND OTHER VARIABLE FIELD CONDITIONS. CALCULATIONS DO NOT INCLUDE OBSTRUCTIONS SUCH AS BUILDINGS, CURBS, LANDSCAPING, OR ANY OTHER ARCHITECTURAL ELEMENTS UNLESS NOTED.

PHOTOMETRIC PLAN GENERAL NOTES

- BASED ON THE INFORMATION PROVIDED, ALL DIMENSIONS AND LUMINAIRE LOCATIONS SHOWN REPRESENT RECOMMENDED POLE PLACEMENTS AND LUMINAIRE ORIENTATION. THE ENGINEER AND/OR ARCHITECT MUST DETERMINE APPLICABILITY OF THE LAYOUT TO RELEVANT FIELD CONDITIONS.
 - THE DEPICTED ILLUMINATION RESULTS ARE BASED UPON ILLUMINATION MEASUREMENTS AS CALCULATED BY AN INDEPENDENT LABORATORY. LUMINAIRE CHARACTERISTICAL DATA WAS MEASURED UNDER CONTROLLED CONDITIONS IN ACCORDANCE WITH APPROVED ILLUMINATION ENGINEERING SOCIETY METHODS. ACTUAL ON-SITE PERFORMANCE OF ANY MANUFACTURER'S LUMINAIRES MAY VARY FROM LABORATORY TEST RESULTS DUE TO VARIATIONS IN: ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS, AND OTHER VARIABLE FIELD CONDITIONS.
 - IF EXISTING LUMINAIRES ARE INCLUDED IN THIS REPORT, THEIR ILLUMINATION CHARACTERISTICS ARE BASED UPON A COMBINATION OF CUSTOMER'S PROVIDED SPECIFICATIONS & OUR BEST ESTIMATION.
 - ALL EXISTING AND NEW CONCRETE LIGHT POLE BASES ARE TO HAVE ALL FORM MARKS REMOVED, GROUND FLUSH AND THE SURFACE IS TO BE PROPERLY PREPARED TO RECEIVE A HAND TROWELED, MASONRY SKIN COAT OF APPROPRIATE THICKNESS TO ACHIEVE A DURABLE SURFACE AND LONG LASTING AESTHETIC.
- EXISTING CONDITIONS GENERAL NOTES
- INFORMATION PERTAINING TO EXISTING CONDITIONS GIVEN ON THESE ARCHITECTURAL DRAWINGS REPRESENTS TO THE BEST OF OUR KNOWLEDGE THE ACTUAL EXISTING FIELD CONDITIONS. INSITE LANDSCAPE DESIGN, INC. MAKES NO WARRANTY AS TO THEIR ACCURACY. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS IMPERATIVE TO THEIR NEW WORK. REPORT ANY DISCREPANCIES BETWEEN THE DRAWINGS AND FIELD CONDITIONS TO THE LANDSCAPE ARCHITECT FOR REVIEW. ANY WORK PERFORMED PRIOR TO RESOLUTION OF DISCREPANCIES BY THE LANDSCAPE ARCHITECT IS SUBJECT TO REMOVAL AND REPLACEMENT AT NO ADDITIONAL COST TO THE CONTRACT.
 - VERIFY LOCATION OF ALL EXISTING UNDERGROUND UTILITIES I.E. WATER, SEWER, ELECTRICAL, TELECOMMUNICATION AND ACCESS PANELS FOR ALL UTILITIES AND ALL ASSOCIATED EQUIPMENT FOR ACCESSIBILITY OF THOSE ITEMS.
 - VERIFY ALL EXISTING CONDITIONS, DIMENSIONS, AND ALIGNMENT OF WALLS. BRING ANY DISCREPANCIES TO THE LANDSCAPE ARCHITECTS ATTENTION PRIOR TO FABRICATION / CONSTRUCTION BEGINS.

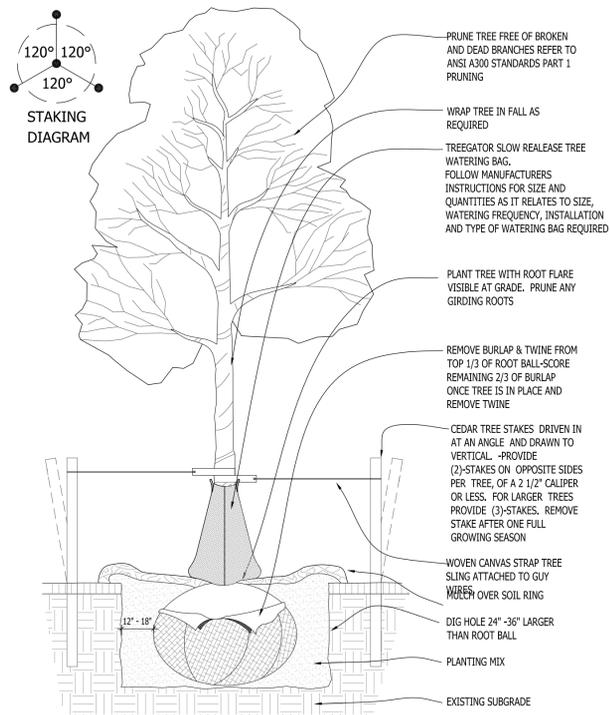


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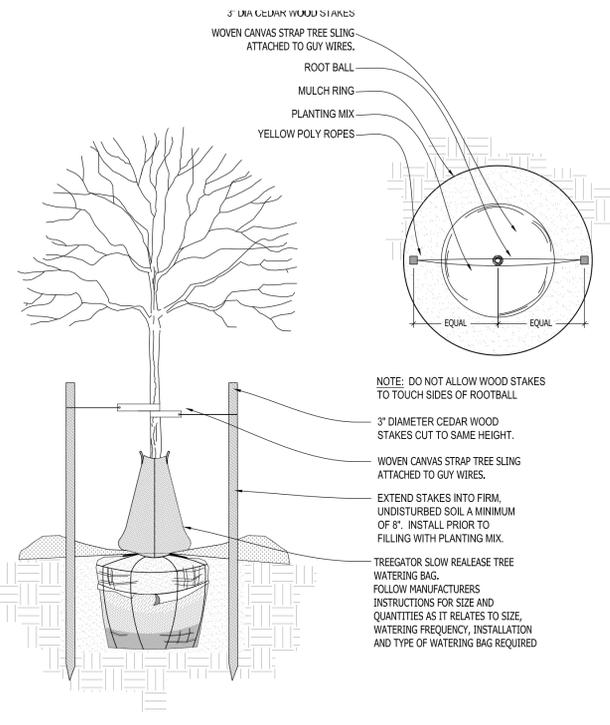
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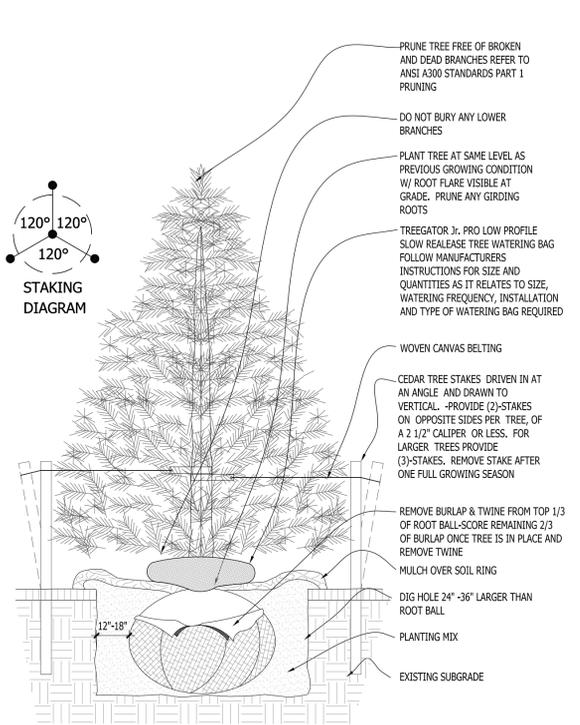
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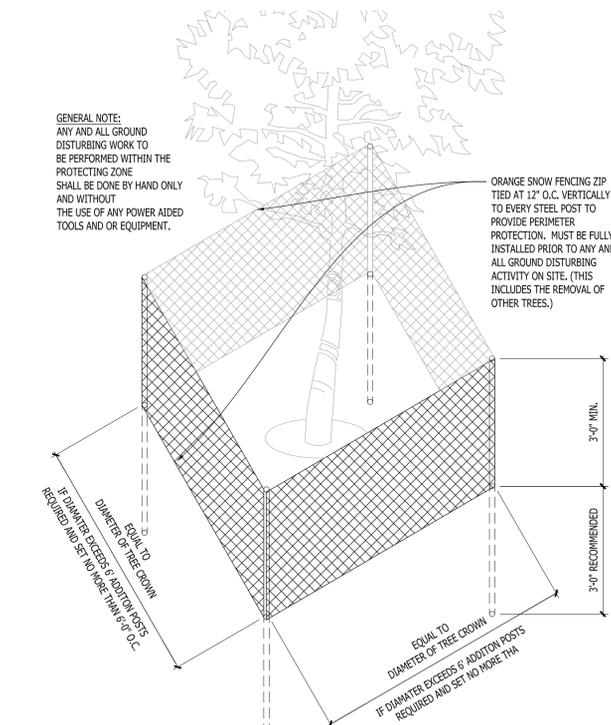
1 DECIDUOUS TREE PLANTING DETAIL SCALE: NONE



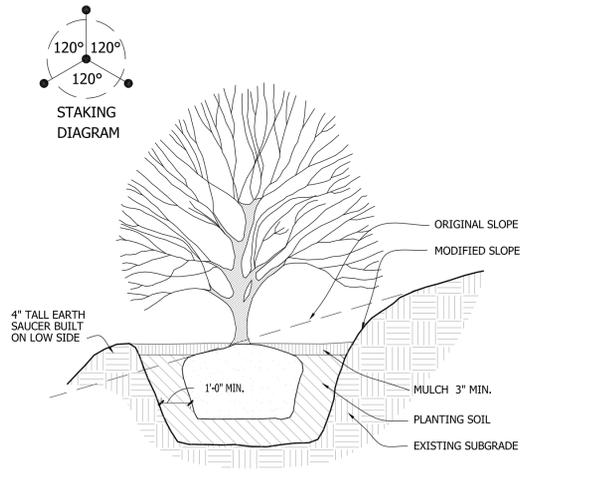
2 DECIDUOUS TREE STAKING PARKING ISLAND/RESTRICTED AREAS SCALE: NONE



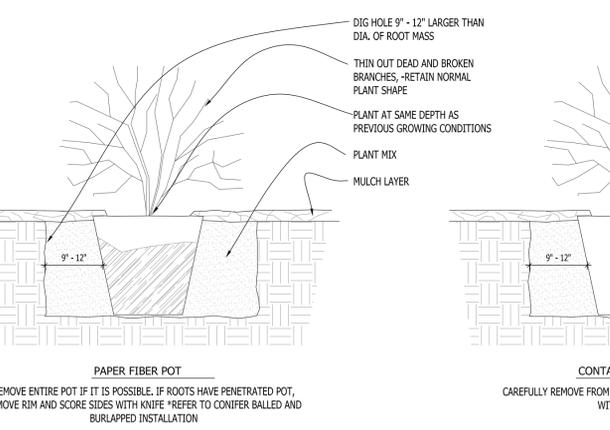
3 CONIFEROUS TREE PLANTING DETAIL SCALE: NONE



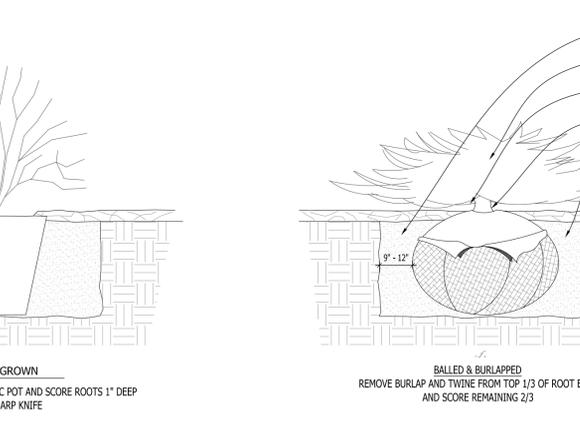
4 EXISTING TREE PROTECTION DETAIL SCALE: NONE



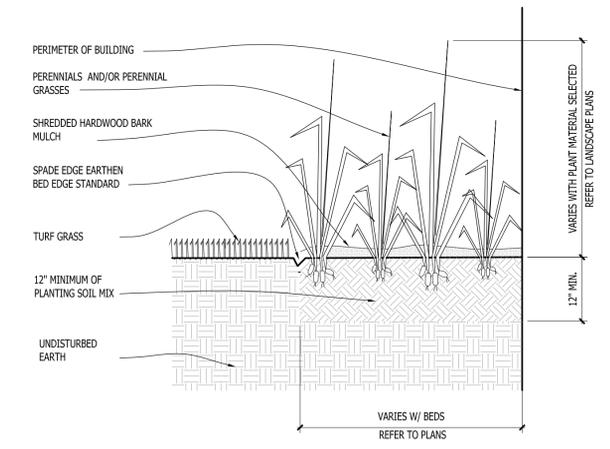
5 SLOPE PLANTING DETAIL SCALE: NONE



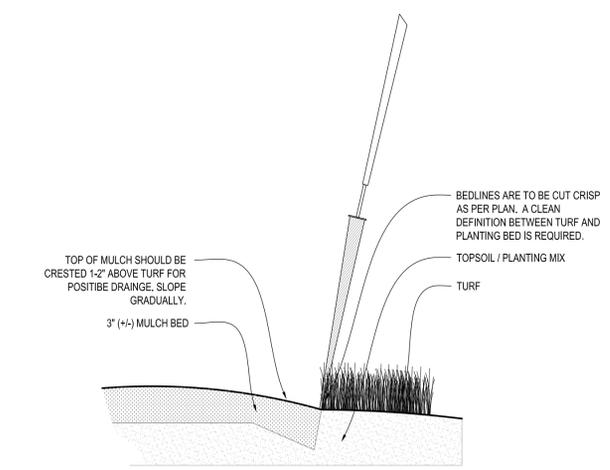
6 DECIDUOUS SHRUB PLANTING DETAIL SCALE: NONE



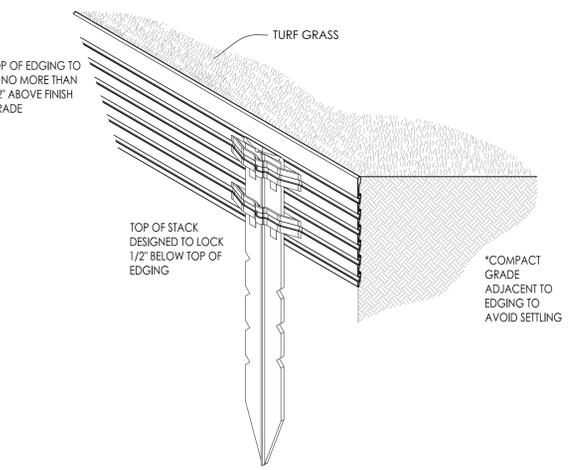
7 CONIFEROUS SHRUB PLANTING DETAIL SCALE: NONE



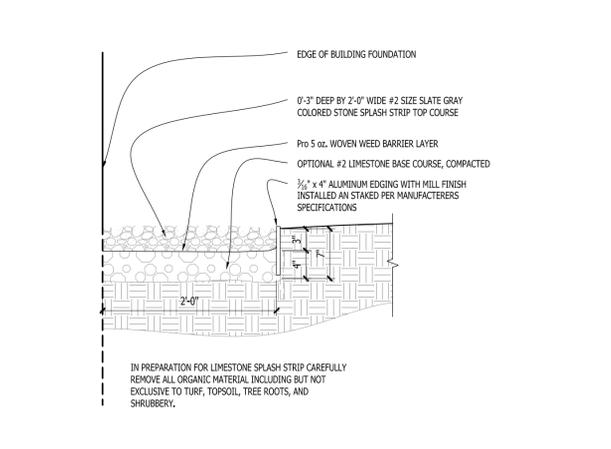
8 PERENNIAL BED PLANTING DETAIL SCALE: NONE



9 SPADE EDGE PLANT BED EDGE DETAIL SCALE: NONE



10 METAL LANDSCAPE EDGING DETAIL SCALE: 1/2\"/>



11 COMPACTED GRAVEL SPLASH STRIP SCALE: 1\"/>

Project:
ALDI FOOD STORE #XX
West Main Street (Hwy 12)
Whitewater, WI 53190

Issuance and Revisions:

Date	Number	Description
04/19/23		Plan Commission Submittal

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Sheet Title:
PROPOSED LANDSCAPE PLAN, PLANTING DETAILS

Date of Drawing: 04/19/23
Scale: As Noted
Drawn By: MCD
Job Number: L23-031
Sheet Number:

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Project:
ALDI FOOD STORE #XX
West Main Street (Hwy 12)
Whitewater, WI 53190

Issuance and Revisions:

Date	Number	Description
04/19/23		Client Review Submittal
04/20/23		Client Review Submittal
04/23/23		Plan Commission Submittal

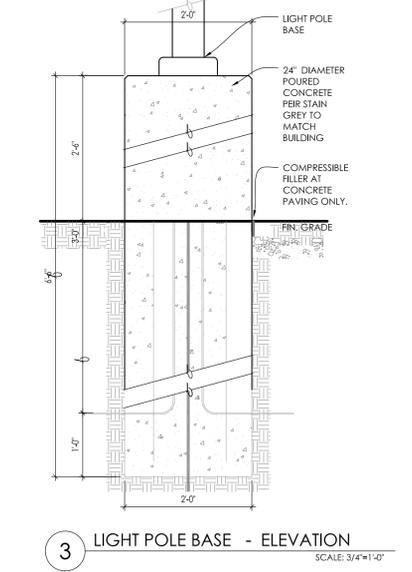
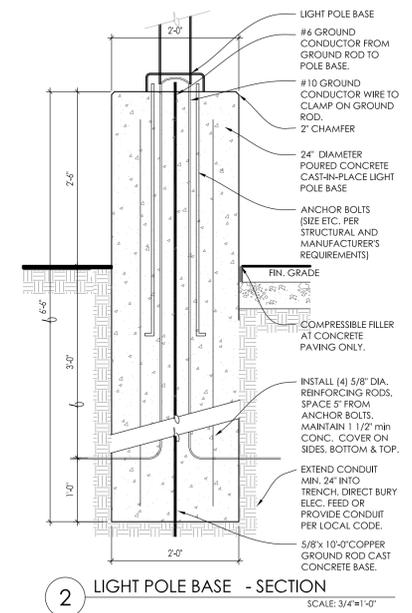
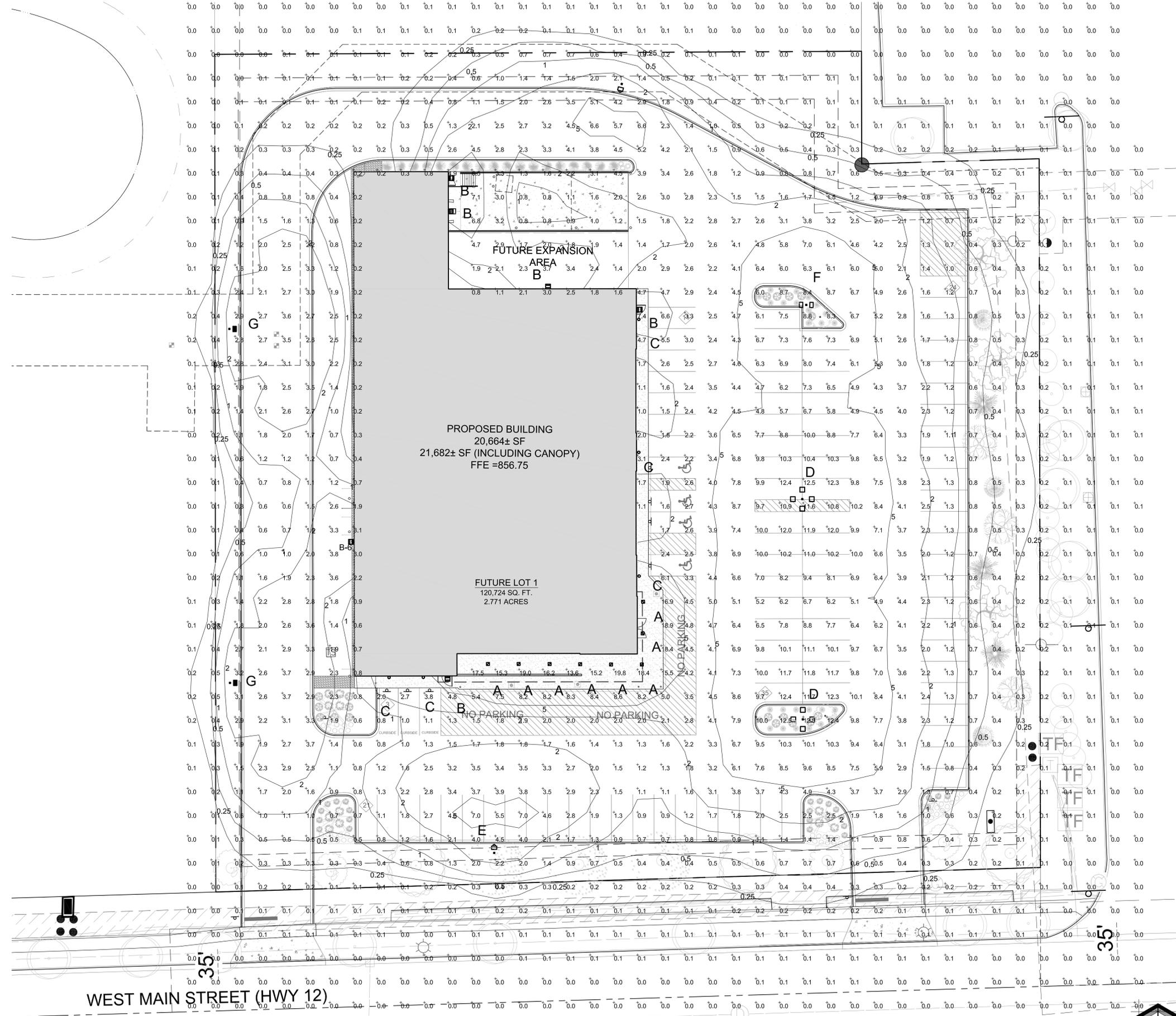
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Sheet Title:

PROPOSED PHOTOMETRIC LIGHT LEVEL CALCULATIONS PLAN
AND LIGHT POLE BASE SECTIONS

Date of Drawing: 04/23/23
Scale: 1" = 20'-0"
Drawn By: MCD
Job Number: L23-031
Sheet Number:

PHO1.1



1 PROPOSED PHOTOMETRIC LIGHT LEVELS CALCULATIONS PLAN

SCALE: 1" = 20'-0"
North

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