

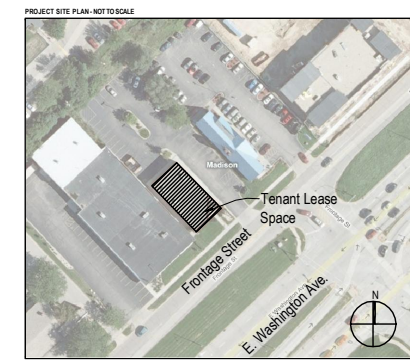
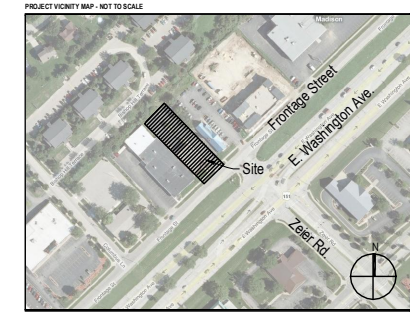
verizon wireless

COMMUNICATIONS STORE:
4610 E. Washington Ave.
Madison, WI 53704

OWNER
Jeff Doligale
1515 Woodfield Rd., Suite 1400
Schaumburg, IL 60173
PH: 847.706.2330
FAX: 847.706.1724

VENDOR	CONTACT	ITEMS SUPPLIED
Verizon Wireless 1515 E. Woodfield Schaumburg, IL 60173	Jeff Doligale 847.706.2330	Retail Design & Construction Coordination
Verizon Wireless 1515 E. Woodfield Schaumburg, IL 60173	Pat Schmutzler 847.706.2307	I.T. Equipment
Icon Identity Solutions 1418 Elmhurst Road Elk Grove Village, IL 60007	Marc Buddin 847.631.3197	Interior and Exterior Signage
Matrix Security Systems 937 South Patterson Blvd. Dayton, OH 45402	Bob Tilley 937.890.6175	Security Systems: Cameras & Monitors, Panic Buttons, Door Locksets, etc.
Window Energy Products 8941 Ogden Ave. Brookfield, IL 60513	Ed Buk 708.878.1640	Window Film System
Play Network 8727 148th Ave. NE Redmond, WA 98052	Sara James 425.629.1829	In-Store Music System

TENANT	BUILDING OWNER	BUILDING DEPT.
Verizon Wireless Jeff Doligale 1515 Woodfield Rd. Suite 1400 Schaumburg, IL 60173 PH: 847.706.2330	Paul Robinson Robinson Financial robbin3031@yahoo.com PH: 608.790.4736	Department of Planning & Development Fred Rehbein 215 Martin Luther King Jr. Blvd. Room LL100 Madison, WI 53703 PH: 608.267.8636 FAX: 608.266.6522



Sheet and Consultant Index

Architectural		Civil		Landscape	
inFORM studio 235 E. Main Street, Suite 102B Northville, MI 48167 ph: 248.449.3564 fax: 248.449.6984		Excel Engineering 100 Camelot Drive Fond du Lac, WI 54935 ph: 920.926.9800 fax: 920.926.9801		Dickson Design Studio 1548 E. Algonquin Road. #277 Algonquin, IL 60102 ph: 847.878.4019	
T.0	Titlesheet	T	Titlesheet	10Ex	Renovation Landscape Plan
L.A.0.0	Rendered Landscape Plan	C.1.0	Existing Site and Demolition Plan		
		C.1.1	Site Plan		
		C.1.2	Grading, Utilities, and Erosion Control Plan		
		PXP	Lighting Point by Point		

Project Data

*Governing Codes:	IBC, Edition 2006 Wisconsin Commercial Building Code, Comm 61-66 Wisconsin Plumbing Code, Comm 81-87 International Mechanical Code National Electrical Code, Edition 2009 ICC/ANSI 117.1, 2003 Edition NFPA 101 - Life Safety Standards <small>*All work shall be performed in accordance with all Federal, State, and Local codes. All work shall be done in a first class manner using standard construction practices.</small>		
Building Use Group:	Mercantile (M)		
Gross Building Area:	Storage Area	382	Sq. Ft.
	Business Area	554	Sq. Ft.
	Retail Area	2229	Sq. Ft.
	Circulation	193	Sq. Ft.
	Toilet	133	Sq. Ft.
	Total Gross Building Area	3491	Sq. Ft.
Type of Construction:	2 B		
Building Occupancy Calculations	Storage Area	382 sq. ft.	300 Gross 2 Occupants
	Business Area	554 sq. ft.	100 Gross 6 Occupants
	Retail Area	2229 sq. ft.	30 Gross 75 Occupants
	Circulation	193 sq. ft.	0 Occupants
		Total Building Occupancy	
1	ISSUED FOR CITY REVIEW		
2			
3			
4			
5			
6			
7			
8			
9			
10			



1
LA.00
RENDERED SITE PLAN
NOT TO SCALE

DATE	ISSUED FOR CITY REVIEW	REVISION	BY	DATE

PROJECT
**VERIZON WIRELESS
RETAIL STORE
MADISON, WI (VZW PLAZA)**
4910 E. Washington Ave.
Madison, WI 53714

CLIENT
**VERIZON WIRELESS
JEFF DOLIGALE**
1928 E. Woodhurst Rd., Suite 1400
Schmaling, IL 60173

PROJECT TITLE
**LANDSCAPE
RENDERING**

PROPOSED PARKING LOT RECONSTRUCTION FOR: VERIZON WIRELESS

MADISON,

WISCONSIN

LEGEND

<p>1000.00 BC PROPOSED SPOT ELEVATIONS (FLOW LINE OF CURB UNLESS OTHERWISE SPECIFIED)</p> <p>1000.00 TC PROPOSED SPOT ELEVATIONS (TOP OF CURB, BOTTOM OF CURB)</p> <p>1000.00 TW PROPOSED SPOT ELEVATIONS (TOP OF WALK, BOTTOM OF WALK)</p> <p>○ WATER VALVE IN BOX</p> <p>⊗ WATER VALVE IN MANHOLE</p> <p>✕ WATER SERVICE VALVE</p> <p>⊙ TELEPHONE MANHOLE</p> <p>⊕ EXISTING ROUND CATCH BASIN</p> <p>⊕ PROPOSED ROUND CATCH BASIN</p> <p>⊕ EXISTING SQUARE CATCH BASIN</p> <p>⊕ EXISTING CURB INLET</p> <p>⊕ PROPOSED CURB INLET</p> <p>⊕ UTILITY POLE</p> <p>⊕ UTILITY POLE WITH GUY WIRE</p> <p>○ STREET LIGHT</p> <p>⊕ TELEPHONE PEDESTAL</p> <p>⊕ ELECTRIC PEDESTAL</p> <p>⊕ ELECTRIC BOX</p> <p>⊕ CABLE TV PEDESTAL</p> <p>→ DRAINAGE FLOW</p> <p>→ PROPOSED DRAINAGE FLOW</p> <p>⊕ WELL</p> <p>☆ EXISTING LIGHT POLE</p> <p>— EXISTING SIGN</p> <p>— CENTER LINE</p> <p>⊕ HANDICAP PARKING STALL</p> <p>⊕ GAS VALVE</p> <p>■ 1-1/4" REBAR SET WEIGHING 4.30 LB/FT.</p> <p>○ 3/4" REBAR SET WEIGHING 1.50 LB/FT.</p> <p>□ 1-1/4" REBAR FOUND</p> <p>○ 3/4" REBAR FOUND</p> <p>⊕ 2" IRON PIPE FOUND</p> <p>▲ 1" IRON PIPE FOUND</p>	<p>— FLOOD LIGHT</p> <p>— SECTION CORNER</p> <p>— APRON ENDWALL</p> <p>— MARSH AREA</p> <p>— DECIDUOUS TREE WITH TRUNK DIAMETER</p> <p>— CONIFEROUS TREE</p> <p>— SHRUB</p> <p>— STUMP</p> <p>— SOIL BORING</p> <p>— WOODED AREA</p> <p>— HEDGE</p> <p>— EXISTING CHAINLINK FENCE</p> <p>— EXISTING WOOD FENCE</p> <p>— EXISTING BARBED WIRE FENCE</p> <p>— PROPERTY LINE</p> <p>— EXISTING GUARD RAIL</p> <p>— EXISTING STORM SEWER AND MANHOLE</p> <p>— PROPOSED STORM SEWER AND MANHOLE</p> <p>— EXISTING SANITARY SEWER AND MANHOLE</p> <p>— PROPOSED SANITARY SEWER AND MANHOLE</p> <p>— EXISTING WATER LATERAL LINE</p> <p>— EXISTING WATER LINE AND HYDRANT</p> <p>— PROPOSED WATER LINE AND HYDRANT</p> <p>— EXISTING OVERHEAD UTILITY LINE</p> <p>— EXISTING UNDERGROUND FIBER OPTIC LINE</p> <p>— EXISTING UNDERGROUND ELECTRIC CABLE</p> <p>— EXISTING UNDERGROUND TELEPHONE CABLE</p> <p>— EXISTING UNDERGROUND GAS LINE</p> <p>— PROPOSED CURB AND GUTTER</p> <p>— EXISTING CURB AND GUTTER</p> <p>— GRADING/SEEDING LIMITS</p> <p>— RIGHT-OF-WAY LINE</p> <p>— PROPERTY LINE</p> <p>— RAILROAD TRACKS</p> <p>— EXISTING GROUND CONTOUR</p> <p>— PROPOSED GROUND CONTOUR</p>
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NOTE: PROPERTY LINES AND EASEMENTS SHOWN ON THIS PLAN WERE DRAFTED FROM INFORMATION CONTAINED IN TITLE COMMITMENT #NCS-459347-MAD, BY FIRST AMERICAN TITLE COMPANY, DATED OCTOBER 18, 2010. AN UPDATED PLAT OF SURVEY HAS NOT BEEN AUTHORIZED.

BENCHMARK (NAVD88)

1 - TOP NUT ON A HYDRANT ON THE NORTH SIDE OF E. WASHINGTON AVENUE, ±175' NORTHEAST OF THE SOUTHEAST BUILDING CORNER OF "IHOP" RESTAURANT
ELEV=901.46'

TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN
CALL DIGGERS HOTLINE
1-800-242-8511
TOLL FREE
TELEFAX (414) 259-0947
TDD (FOR THE HEARING IMPAIRED) 1-800 542-2289
WISCONSIN STATUTE 182.0175 (1974)
REQUIRES MINIMUM OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE

SITE SPECIFICATIONS

SITEWORK:

- PROVIDE ALL LABOR, MATERIALS AND EQUIPMENT FOR ALL EXCAVATION, GRADING, FILL AND BACKFILL WORK AS REQUIRED TO COMPLETE THE GENERAL CONSTRUCTION WORK. ALL EXCAVATION AND BACKFILL FOR ELECTRICALS AND MECHANICALS ARE THE RESPONSIBILITY OF THE RESPECTIVE CONTRACTOR.
- DIGGER'S HOT LINE SHALL BE CONTACTED AND ALL UTILITIES SHALL BE LOCATED BEFORE STARTING EXCAVATION.
- ALL ORGANIC TOPSOIL INSIDE THE BUILDING AREA, UNDER PAVED AREAS AND AT SITE FILL AREAS SHALL BE REMOVED. PROOF ROLL SUBGRADES BEFORE PLACING FILL WITH HEAVY PNEUMATIC-TIRED EQUIPMENT, SUCH AS A FULLY-LOADED TANDEM AXLE DUMP TRUCK, TO IDENTIFY SOFT POCKETS AND AREAS OF EXCESS YIELDING. CONTRACTOR SHALL VERIFY TOPSOIL DEPTHS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL REVIEW AND FOLLOW THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT (IF AVAILABLE) AND ACCOUNT FOR EXISTING CONDITIONS PRIOR TO SUBMITTING BID FOR THE PROJECT. EXCESS MATERIALS SHALL BE REMOVED FROM THE SITE UNLESS OTHERWISE DIRECTED IN THE PLANS OR BY LOCAL ZONING REQUIREMENTS.
- PLACE AND COMPACT FILL MATERIAL IN LAYERS TO REQUIRED ELEVATIONS, UNIFORMLY MOISTEN OR AERATE SUBGRADE AND EACH SUBSEQUENT FILL OR BACKFILL LAYER BEFORE COMPACTION AS RECOMMENDED TO ACHIEVE SPECIFIED DRY DENSITY. REMOVE AND REPLACE, OR SCARIFY AND AIR DRY, OTHERWISE SATISFACTORY SOIL MATERIAL THAT IS TOO WET TO COMPACT TO SPECIFIED DRY DENSITY.
- PLACE BACKFILL AND FILL MATERIALS IN LAYERS NOT MORE THAN 8" IN LOOSE DEPTH FOR MATERIAL COMPACTED BY HEAVY COMPACTION EQUIPMENT, AND NOT MORE THAN 4" IN LOOSE DEPTH FOR MATERIAL COMPACTED BY HAND-OPERATED TAMPERS.
 - UNDER FOUNDATIONS - SUBGRADE, AND EACH LAYER OF BACKFILL OR FILL MATERIAL, TO NOT LESS THAN 98 PERCENT.
 - UNDER INTERIOR SLAB-ON-GRADE WHERE GROUNDWATER IS MORE THAN 3 FEET BELOW THE SLAB - PLACE A DRAINAGE COURSE LAYER OF 3/4" CRUSHED STONE, WITH 5% TO 12% FINES, PER THICKNESS INDICATED ON FOUNDATION PLANS ON PREPARED SUBGRADE. COMPACT SUBGRADE AND DRAINAGE COURSE TO NOT LESS THAN 95 PERCENT.
 - UNDER INTERIOR SLAB-ON-GRADE WHERE GROUNDWATER IS WITHIN 3 FEET OF THE SLAB SURFACE - PLACE A DRAINAGE COURSE LAYER OF CLEAN 3/4" CRUSHED STONE, WITH NO MORE THAN 5% FINES, PER THICKNESS INDICATED ON FOUNDATION PLANS ON PREPARED SUBGRADE. COMPACT SUBGRADE AND DRAINAGE COURSE TO NOT LESS THAN 95 PERCENT.
 - UNDER EXTERIOR CONCRETE AND ASPHALT PAVEMENTS - PLACE GRANULAR SUBBASE COURSE ON PREPARED SUBGRADE. COMPACT SUBGRADE AND GRANULAR SUBBASE TO NOT LESS THAN 95 PERCENT.
 - UNDER WALKWAYS - SUBGRADE AND EACH LAYER OF BACKFILL OR FILL MATERIAL, TO NOT LESS THAN 95 PERCENT.
 - UNDER LAWN OR UNPAVED AREAS - SUBGRADE AND EACH LAYER OF BACKFILL OR FILL MATERIAL, TO NOT LESS THAN 85 PERCENT.
- CONTRACTOR SHALL ENGAGE A QUALIFIED INDEPENDENT TESTING AND INSPECTING AGENCY TO PERFORM FIELD TESTS AND INSPECTIONS. IT IS SUGGESTED THAT THE GEOTECHNICAL FIRM USED TO PERFORM THE SUBSURFACE SOIL INVESTIGATION BE ENGAGED FOR THE FIELD QUALITY CONTROL TESTS.
- ALLOW TESTING AGENCY TO TEST AND INSPECT SUBGRADES AND EACH FILL OR BACKFILL LAYER. PROCEED WITH SUBSEQUENT EARTHWORK ONLY AFTER TEST RESULTS FOR PREVIOUSLY COMPLETED WORK COMPLY WITH REQUIREMENTS. PROVIDE ONE TEST FOR EVERY 2000 SQUARE FEET OF PAVED AREA OR BUILDING SLAB, ONE TEST FOR EACH SPREAD FOOTING, AND ONE TEST FOR EVERY 50 LINEAR FEET OF WALL STRIP FOOTING.
- WHEN TESTING AGENCY REPORTS THAT SUBGRADES, FILLS, OR BACKFILLS HAVE NOT ACHIEVED DEGREE OF COMPACTION SPECIFIED, SCARIFY AND MOISTEN OR AERATE, OR REMOVE AND REPLACE SOIL TO DEPTH REQUIRED, RECOMPACT AND RETEST UNTIL SPECIFIED COMPACTION IS OBTAINED.

GRADING, EROSION CONTROL, & LANDSCAPE NOTES:

- PROVIDE A MINIMUM OF 6" OF TOPSOIL FOR ALL DISTURBED OPEN AREAS
- PROVIDE EROSION CONTROL MATTING (NORTH AMERICAN GREEN S150) ON ALL SLOPES THAT ARE 4:1 AND GREATER.
- ALL STORM WATER CONVEYANCE SWALES SHALL BE SEEDDED WITH WISCONSIN DOT MIX # 10 @ 4.0 LBS PER 1,000 S.F. NORTH AMERICAN GREEN C125 OR EQUIVALENT EROSION MATTING SHALL ALSO BE PROVIDED.
- LAWN AREAS SHALL BE SEEDDED WITH WISCONSIN DOT MIX # 40 OR EQUIVALENT AT A RATE OF 4 POUNDS PER 1,000 S.F. THESE AREAS SHALL BE MULCHED WITH 90 BALES OF STRAW OR HAY PER ACRE. ALL SEEDDED AREAS SHOULD BE FERTILIZED WITH 24-1-12 FERTILIZER AT A RATE OF 4 POUNDS PER 1,000 S.F.
- OTHER OPEN AREAS SHALL BE SEEDDED WITH WISCONSIN DOT MIX # 40 OR EQUIVALENT AT A RATE OF 1 POUND PER 1,000 S.F. THESE AREAS SHALL BE MULCHED WITH 90 BALES OF STRAW OR HAY PER ACRE. ALL SEEDDED AREAS SHOULD BE FERTILIZED WITH 24-1-12 FERTILIZER AT A RATE OF 1 POUND PER 1,000 S.F.
- GRADING PLAN REFLECTS 3,600 SF (0.08 AC) OF DISTURBED AREA. THE SITE IS THEREFORE EXEMPT FROM NR151 NOTICE OF INTENT REQUIREMENTS.
- SEE PLANS FOR EROSION CONTROL DETAILS & CONSTRUCTION SEQUENCE.

EXISTING CONDITIONS AND DEMOLITION:

- THE DEMOLITION PLAN IS AN OVERVIEW OF DEMOLITION TO TAKE PLACE ON SITE. CONTRACTOR TO FIELD VERIFY EXISTING SITE. CONTRACTOR SHALL REMOVE, REPLACE OR DEMOLISH ALL ITEMS AS NEEDED DURING CONSTRUCTION.

GRANULAR BASE & ASPHALT PAVEMENT:

- CONTRACTOR SHALL PROVIDE GRANULAR BASE AND ASPHALT PAVEMENT AS INDICATED ON PLANS, AND IN ACCORDANCE WITH "MIX DESIGN METHODS FOR ASPHALT CONCRETE AND OTHER HOT-MIX TYPES". PROVIDE GRANULAR BASE, BASE COURSE AND SURFACE COURSE AS INDICATED ON PLANS. COMPACT TO AN AVERAGE DENSITY OF 98% PER ASTM D1559. PROVIDE ALL PAVEMENT STRIPING, MARKINGS AND VERBIAGE AS SHOWN ON SITE PLANS.

CONCRETE:

- DESIGN AND CONSTRUCTION OF ALL CAST-IN-PLACE CONCRETE WORK SHALL CONFORM TO ACI 318 BUILDING CODE AND CRSI MANUAL OF STANDARD PRACTICE.
- CONCRETE SLAB CONSTRUCTION TO BE PROVIDED PER MORE STRINGENT REQUIREMENTS OF GEOTECHNICAL REPORT (IF AVAILABLE) OR CONSTRUCTION DOCUMENTS.
- DESIGN MIXES SHALL BE IN ACCORDANCE WITH ASTM C94. CONCRETE STRENGTH TO BE MIN. 3,500 PSI AT 28 DAYS FOR SLABS ON GRADE.

ADDITIONAL SITE NOTES:

- CONTRACTOR TO CONTACT EXCEL ENGINEERING (ATTN: RYAN WILGREEN (920) 926-9800) FOR CONSTRUCTION STAKING PRICES FOR INCLUSION IN CONTRACTOR BID. PRICES PROVIDED WILL BE BASED UPON SCOPE OF SERVICES REQUESTED. ELECTRONIC CAD FILES WILL NOT BE PROVIDED.
- 4" WIDE YELLOW STRIPING FOR PARKING STALLS, TRAFFIC LANE, AND NO PARKING AREAS. YELLOW PAINT MARKINGS FOR H.C. ACCESSIBLE SYMBOLS, TRAFFIC ARROWS, AND TRAFFIC MESSAGE.

CONTACTS

OWNER

VERIZON WIRELESS
CONTACT: JEFF DOLIGALE
1515 E WOODFIELD RD, SUITE 1400
SCHALIMBURG, IL 60173
P: (847) 706-2330

ARCHITECT

INFORM STUDIO
CONTACT: GINA VAN TINE
P: (248) 449-3564
F: (248) 449-6984
gvanline@in-formstudio.com

CIVIL

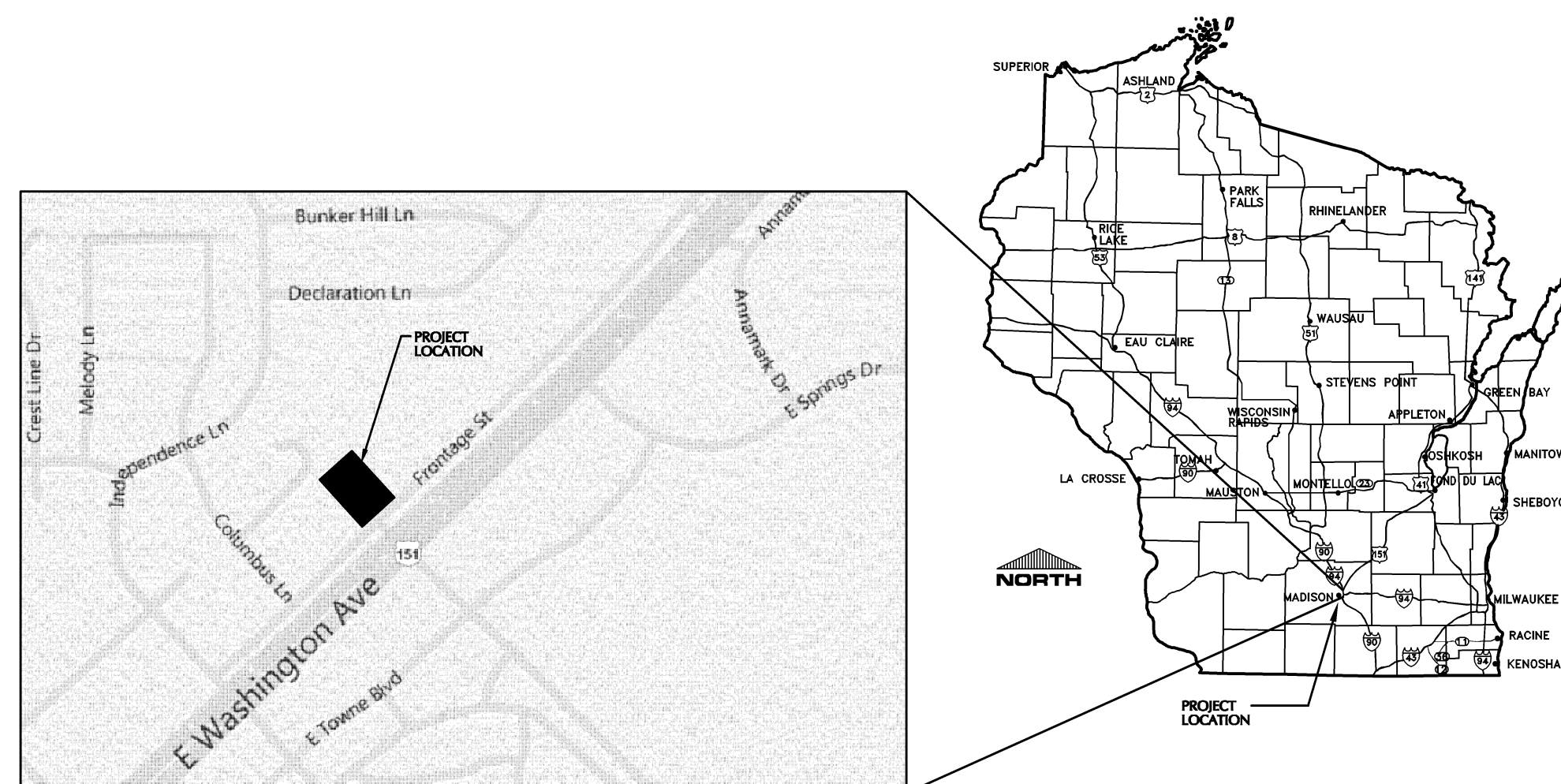
EXCEL ENGINEERING
100 CAMELOT DRIVE
FOND DU LAC, WISCONSIN 54935
CONTACT: MAX FRANZEN
P: (920) 926-9800
F: (920) 926-9801
maxwell@excelengineer.com

SHEET INDEX

SHEET	SHEET TITLE	ISSUED	REVISION #1	REVISION #2	REVISION #3	REVISION #4	ISSUED FOR CONSTRUCTION
T	TITLE SHEET	●					
C1.0	EXISTING SITE AND DEMOLITION PLAN	●					
C1.1	SITE PLAN	●	●				
C1.2	GRADING, UTILITIES, AND EROSION CONTROL PLAN	●	●				
PXP	LIGHTING POINT BY POINT	●	●				

SHEET INDEX LEGEND
PRELIM = PRELIMINARY SHEET
● = ISSUED SHEET

LOCATION MAP



OWNER:
VERIZON WIRELESS

PROJECT:
VERIZON WIRELESS
4610 E. WASHINGTON AVE
MADISON, WI 53715

SHEET ISSUE:

NOVEMBER 1, 2010

SEE TITLE SHEET TO CONFIRM THAT THIS SHEET HAS BEEN RELEASED FOR CONSTRUCTION

REVISIONS:

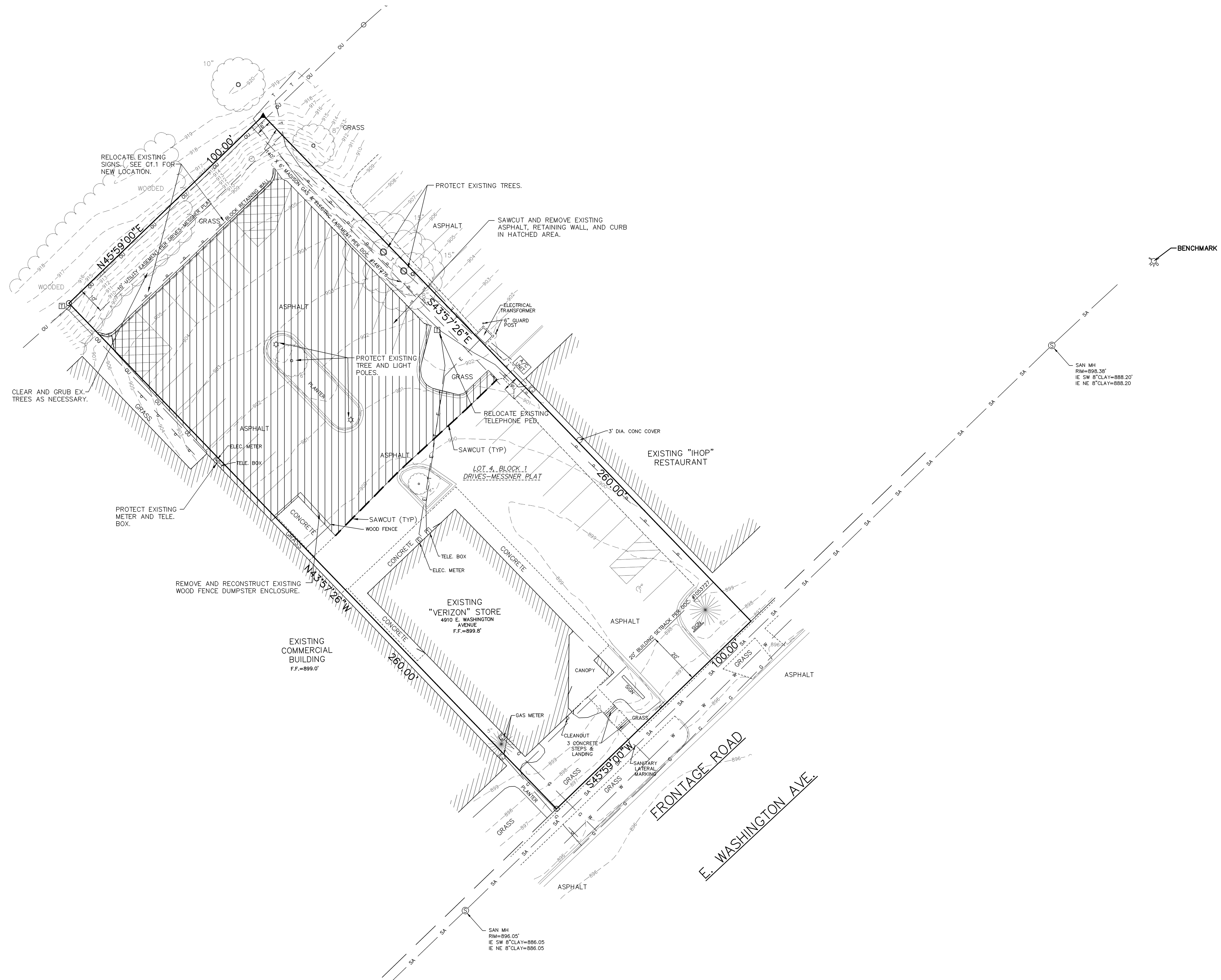
DECEMBER 3, 2010

DATE:

JOB NUMBER:
1014160

SHEET

T



OWNER:
VERIZON WIRELESS

PROJECT:
VERIZON WIRELESS
4610 E. WASHINGTON AVE
MADISON, WI 53715

SHEET ISSUE:

NOVEMBER 1, 2010

SEE TITLE SHEET TO CONFIRM THAT THIS SHEET HAS BEEN RELEASED FOR CONSTRUCTION

REVISIONS:

DATE:

JOB NUMBER:
1014160

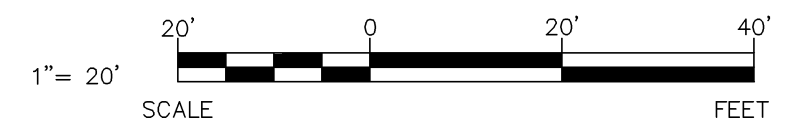
SHEET

C1.0



EXISTING SITE AND DEMOLITION PLAN

SCALE: 1"=20'-0"



SITE INFORMATION:

LEGAL DESCRIPTION: LOT #4 BLOCK #1, Part of the NW 1/4 Section 27 and Part of the SE 1/4 - NE 1/4 Section 28 T.8N. R.10E. City of Madison, Dane County, WI

PARCEL NO.: 081027203041

PROPERTY AREA: AREA = 26,000 S.F. (0.60 ACRES).

EXISTING ZONING: C-2 (EXISTING CONDITIONAL USE)

PROPOSED ZONING: SAME

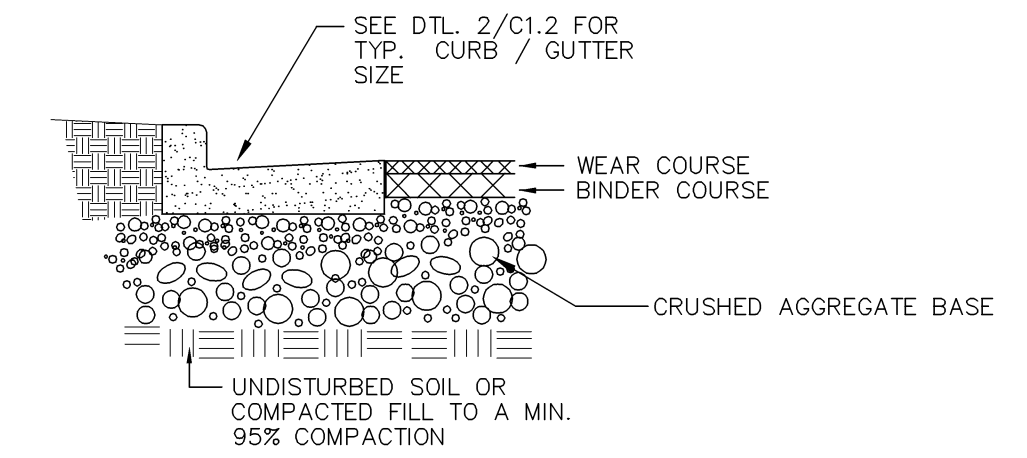
PROPOSED USE: RETAIL

SETBACKS: BUILDING: FRONT = 0'
SIDE = 0'
REAR = 10'

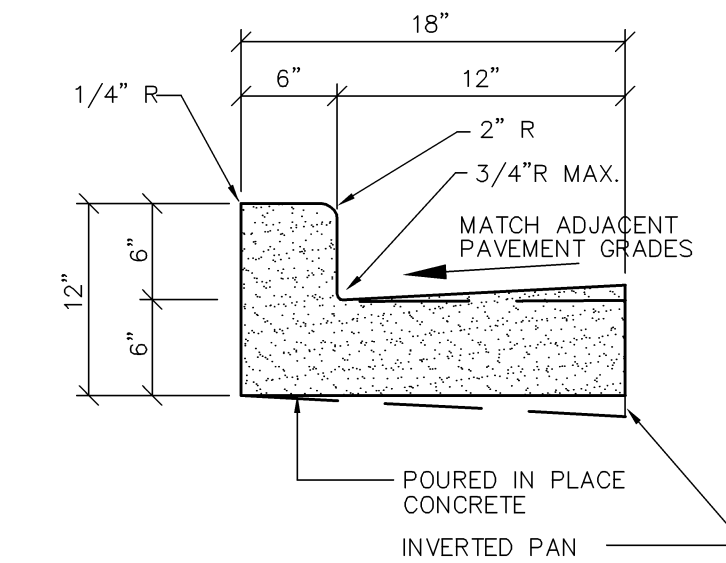
PARKING: FRONT = 0'
SIDE = 0'
REAR = 0'

PROPOSED SITE DATA

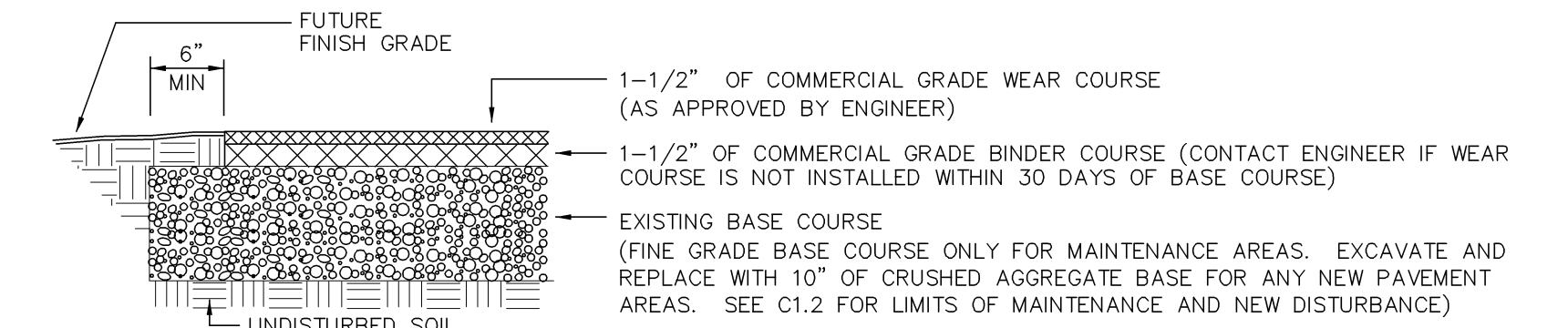
	AREA (AC)	AREA (SF)	RATIO
PROJECT SITE	0.60	26,000	
BUILDING FLOOR AREA	0.08	3,520	13.5%
PAVEMENT (ASP. & CONC.)	0.40	17,286	66.5%
TOTAL IMPERVIOUS	0.48	20,806	80.0%
LANDSCAPE/OPEN SPACE	0.12	5,194	20.0%



1 CURB & GUTTER DETAIL
C1.1 NO SCALE

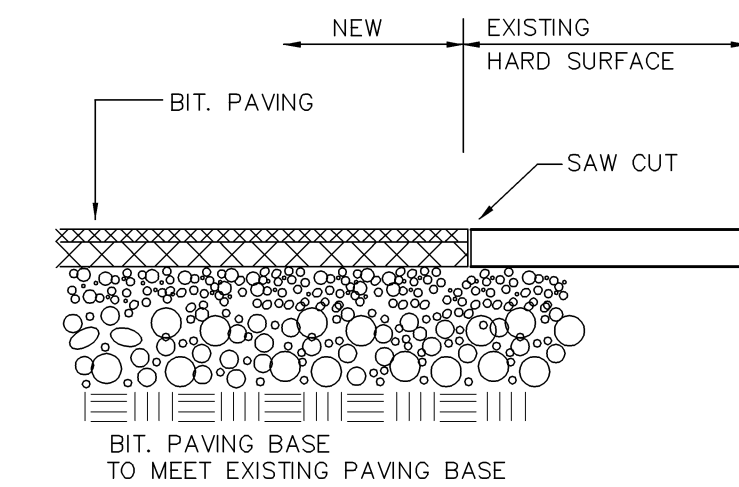


2 18" CONCRETE CURB & GUTTER DETAIL
C1.1 NO SCALE



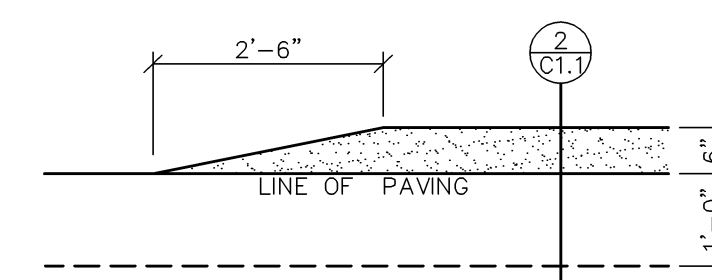
NOTE: ALL AGGREGATE PROVIDED MUST COMPLY WITH "SECTION 305 DENSE GRADED BASE" OF THE WISCONSIN STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION.

3 STANDARD ASPHALT PAVING DETAIL
C1.1 NO SCALE

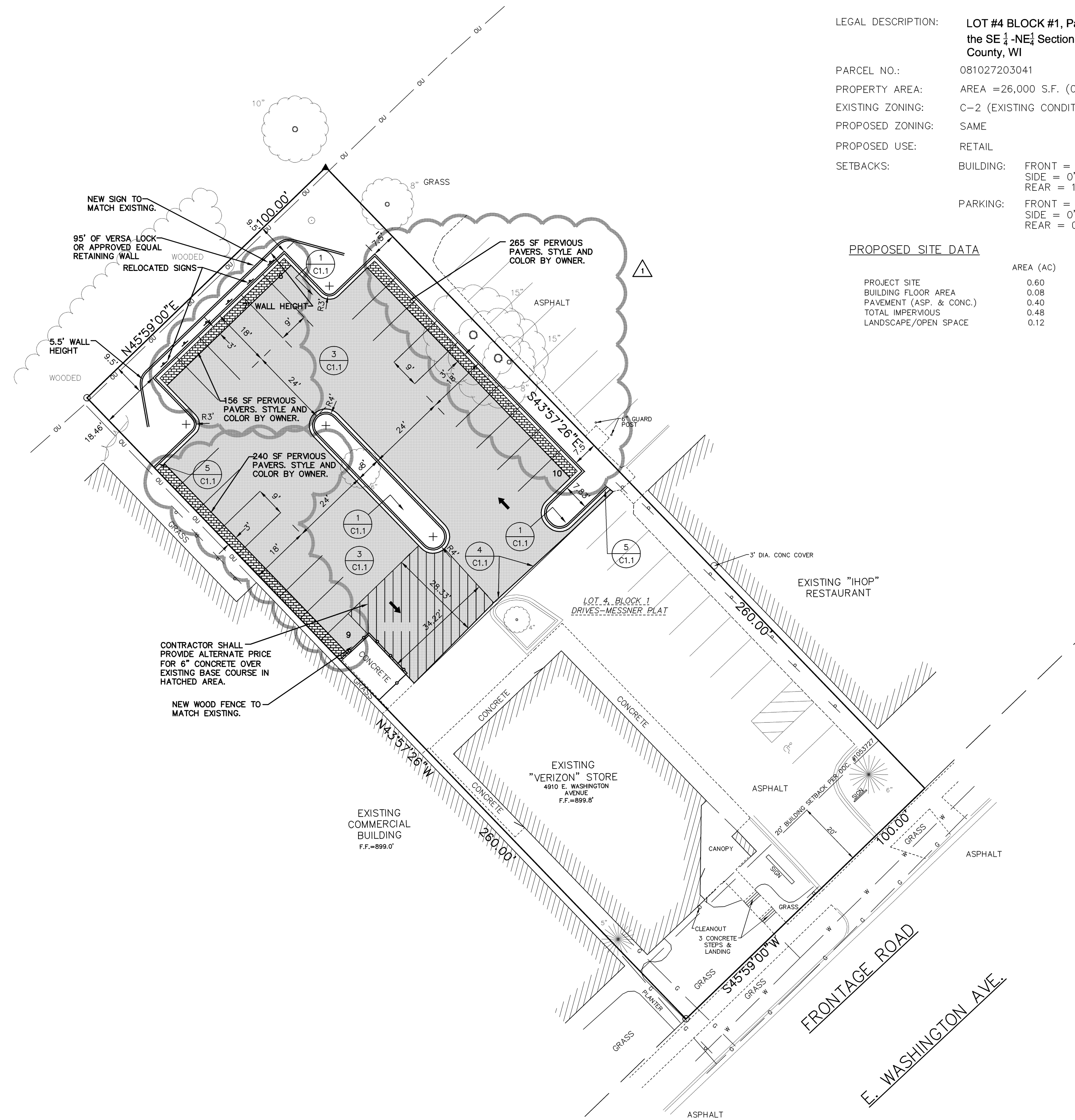


EDGE @ EXIST. HARD SURFACE

4 DETAIL
C1.1 NO SCALE

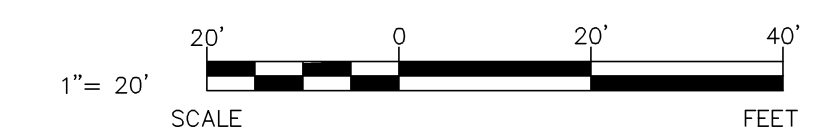


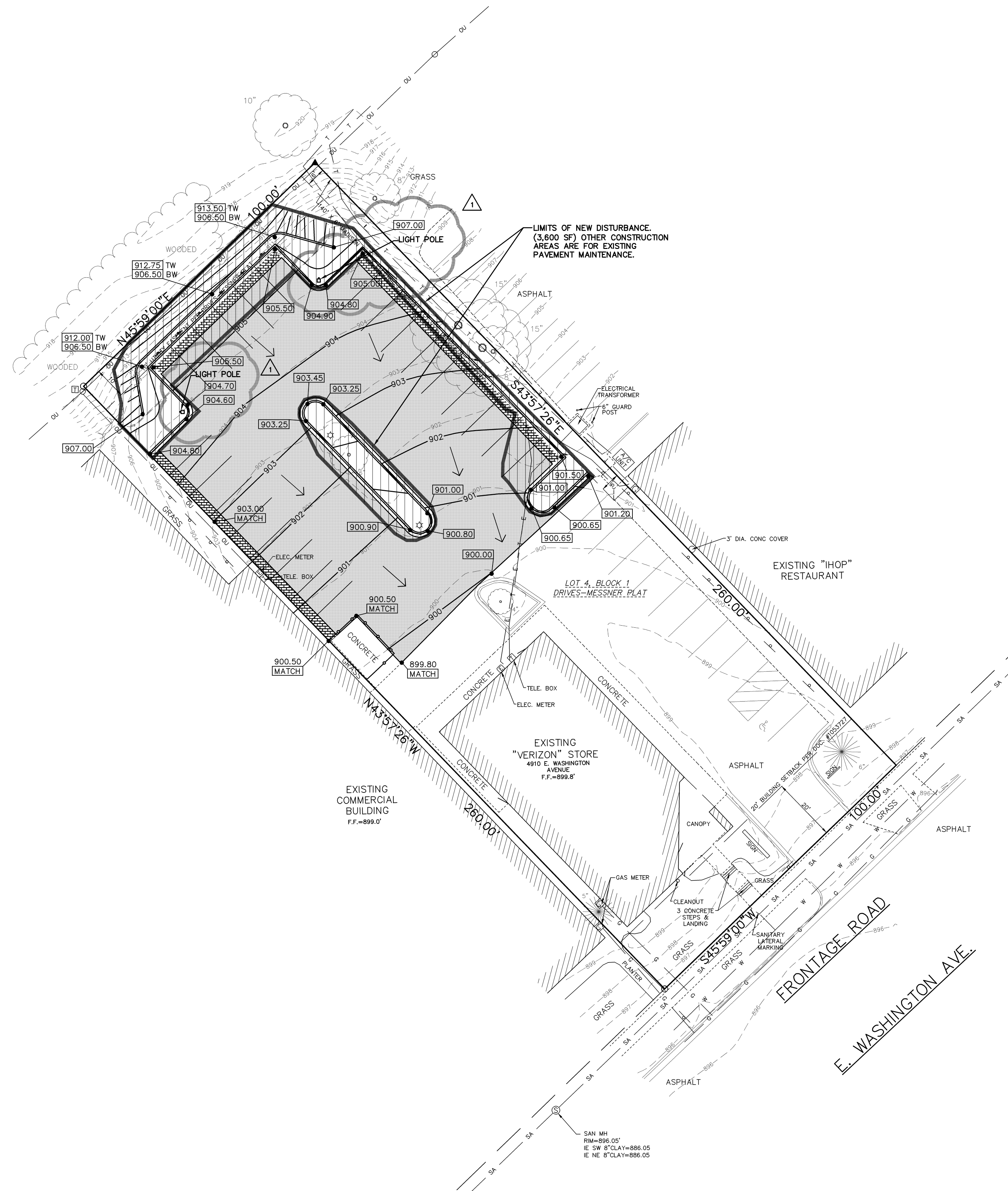
5 TAPERED CURB DETAIL
C1.1 NO SCALE



SITE PLAN

SCALE: 1" = 20'-0"





EROSION CONTROL, SITE STABILIZATION AND SEEDING SPECIFICATIONS

EROSION CONTROL SHALL STRICTLY COMPLY WITH THE EROSION CONTROL GUIDELINES AND REQUIREMENTS SET FORTH IN WISCONSIN ADMINISTRATIVE CODE (W.A.C.) NR 151, THE STATE OF WISCONSIN DEPARTMENT OF NATURAL RESOURCES RUNOFF MANAGEMENT PERFORMANCE STANDARDS. THE METHODS AND TYPES OF EROSION CONTROL WILL BE DEPENDENT ON THE LOCATION AND TYPE OF WORK INVOLVED. ALL SEDIMENT CONTROL MEASURES SHALL BE ADJUSTED TO MEET FIELD CONDITIONS AT THE TIME OF CONSTRUCTION, AND INSTALLED PRIOR TO ANY GRADING OR DISTURBANCE OF EXISTING SURFACE MATERIAL.

DUST CONTROL MEASURES SHALL BE PROVIDED TO REDUCE OR PREVENT THE SURFACE AND AIR TRANSPORT OF DUST DURING CONSTRUCTION. CONTROL MEASURES INCLUDE APPLYING MULCH AND ESTABLISHING VEGETATION, WATER SPRAYING, SURFACE ROUGHENING, APPLYING POLYMERS, SPRAY-ON TACKIFIERS, CHLORIDES, AND BARRIERS. SOME SITES MAY REQUIRE AN APPROACH THAT UTILIZES A COMBINATION OF MEASURES FOR DUST CONTROL.

STONE TRACKING PADS SHALL BE PLACED ON SITE AND SHALL BE INSTALLED PRIOR TO ANY TRAFFIC LEAVING THE SITE. THE AGGREGATE USED SHALL BE 3 TO 6 INCH CLEAR OR WASHED STONE, AND SHALL BE PLACED IN A LAYER AT LEAST 12 INCHES THICK. THE TRACKING PAD SHALL BE THE FULL WIDTH OF THE EGRESS POINT, AND SHALL BE A MINIMUM OF 50 FEET LONG.

STORM DRAIN INLET PROTECTION SHALL BE PROVIDED FOR ALL CATCH BASINS, AND CURB INLETS. TYPE B OR C PROTECTION SHOULD BE PROVIDED AND SHALL BE IN CONFORMANCE WITH THE WISCONSIN DEPARTMENT OF TRANSPORTATION STANDARD DETAIL DRAWING 8 E 10-2.

ALL SILT FENCE SHALL BE PLACED ON SITE AND SHALL BE IN CONFORMANCE WITH THE WISCONSIN DEPARTMENT OF TRANSPORTATION STANDARD DETAIL DRAWING 8 E 9-6.

THE USE, STORAGE, AND DISPOSAL OF CHEMICALS, CEMENT, AND OTHER COMPOUNDS AND MATERIALS USED ON SITE SHALL BE MANAGED DURING THE CONSTRUCTION PERIOD TO PREVENT THEIR TRANSPORT BY RUNOFF INTO WATERS OF THE STATE.

ALL EROSION CONTROL DEVICES SHALL AT A MINIMUM BE INSPECTED WEEKLY AND WITHIN 24 HOURS AFTER EVERY PRECIPITATION EVENT THAT PRODUCES 0.5 INCHES OF RAIN OR MORE DURING A 24 HOUR PERIOD. MAINTENANCE SHALL BE PERFORMED PER WISCONSIN ADMINISTRATIVE CODE (W.A.C.) NR 151 STORMWATER MANAGEMENT TECHNICAL STANDARD REQUIREMENTS.

TEMPORARY SITE RESTORATION SHALL TAKE PLACE IN DISTURBED AREAS THAT WILL NOT BE BROUGHT TO FINAL GRADE WITHIN A PERIOD OF ONE YEAR AND/OR LAND-DISTURBING ACTIVITIES THAT WILL NOT BE PERFORMED FOR A PERIOD GREATER THAN 7 DAYS.

PERMANENT RESTORATION APPLIES TO AREAS WHERE PERENNIAL VEGETATIVE COVER IS NEEDED TO PERMANENTLY STABILIZE AREAS OF EXPOSED SOIL. PERMANENT STABILIZATION SHALL OCCUR WITHIN 3 WORKING DAYS OF FINAL GRADING. TOPSOIL, SEED, AND MULCH SHALL BE IN CONFORMANCE WITH WISCONSIN ADMINISTRATIVE CODE (W.A.C.) NR 151 STORMWATER MANAGEMENT TECHNICAL STANDARD REQUIREMENTS FOR TEMPORARY AND PERMANENT SEEDING.

ALL OFF-SITE SEDIMENT DEPOSITS OCCURRING AS A RESULT OF CONSTRUCTION WORK OR A STORM EVENT SHALL BE CLEANED UP BY THE END OF EACH DAY. FLUSHING SHALL NOT BE ALLOWED.

ANY SOIL EROSION THAT OCCURS AFTER FINAL GRADING AND/OR THE APPLICATION OF STABILIZATION MEASURES MUST BE REPAIRED AND THE STABILIZATION WORK REDONE.

EROSION CONTROL MEASURES SHALL NOT BE REMOVED UNTIL THE AREA(S) SERVED HAVE ESTABLISHED VEGETATIVE COVER.

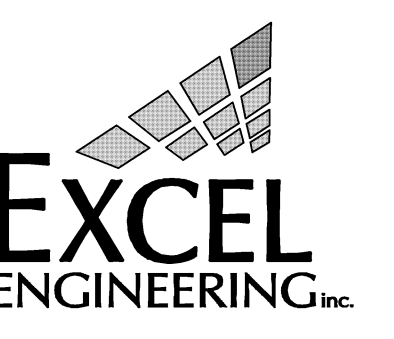
PROVIDE A MINIMUM OF 6" OF TOPSOIL FOR ALL DISTURBED AREAS.

PROVIDE EROSION CONTROL MATTING (NORTH AMERICAN GREEN S150) ON ALL SLOPES THAT ARE 4:1 AND GREATER.

ALL STORM WATER CONVEYANCE SWALES SHALL BE SEEDDED WITH WISCONSIN DOT MIX #10 @ 4.0 LBS PER 1,000 S.F. NORTH AMERICAN GREEN C125 OR EQUIVALENT EROSION MATTING SHALL BE PROVIDED AT THE BOTTOM OF SWALE.

LAWN AREAS SHALL BE SEEDDED WITH WISCONSIN DOT MIX # 40 OR EQUIVALENT AT A RATE OF 4 POUNDS PER 1,000 S.F. THESE AREAS SHALL BE MULCHED WITH 90 BALES OF STRAW OR HAY PER ACRE. ALL SEEDDED AREAS SHOULD BE FERTILIZED WITH 24-1-12 FERTILIZER AT A RATE OF 4 POUNDS PER 1,000 S.F.

OTHER OPEN AREAS SHALL BE SEEDDED WITH WISCONSIN DOT MIX # 40 OR EQUIVALENT AT A RATE OF 1 POUND PER 1,000 S.F. THESE AREAS SHALL BE MULCHED WITH 90 BALES OF STRAW OR HAY PER ACRE. ALL SEEDDED AREAS SHOULD BE FERTILIZED WITH 24-1-12 FERTILIZER AT A RATE OF 1 POUND PER 1,000 S.F.



100 CAMELOT DRIVE
FOND DU LAC, WI 54935
PHONE: (920) 926-9800
FAX: (920) 926-9801

Always a Better Plan

OWNER:
VERIZON WIRELESS

PROJECT:
VERIZON WIRELESS
4610 E. WASHINGTON AVE
MADISON, WI 53715

SHEET ISSUE:
NOVEMBER 1, 2010

SEE TITLE SHEET TO CONFIRM THAT THIS SHEET HAS BEEN RELEASED FOR CONSTRUCTION

REVISIONS:
1. DECEMBER 3, 2010

DATE:

JOB NUMBER:
1014160

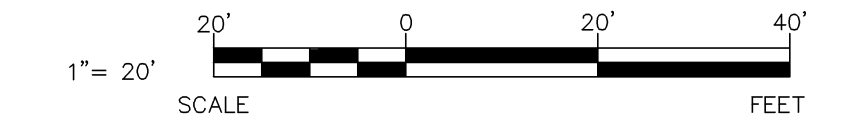
SHEET

C1.2



GRADING, UTILITIES AND EROSION CONTROL PLAN

SCALE: 1"=20'-0"



2010 © EXCEL ENGINEERING INC.

LITHONIA LIGHTING

FEATURES & SPECIFICATIONS

INTENDED USE — Ideal for car lots, street lighting or parking areas.

CONSTRUCTION — Rugged, 30" thick, aluminum extruded housing. Gasket for weather-tight seal and integrity. Naturally anodized, extruded aluminum door frame with recessed center. Reflector attach with two fasteners and an available and interchangeable, five color distributions available: Type II (roadway), Type III (asymmetric), Type IV (forward throw, sharp cutoff), Type V (wide, forward throw), Type VI (v-narrow), Type VII (1.25" thick impact resistant tempered glass with thermally applied silk-screened shield).

ELECTRICAL — Ballast: Constant voltage auto-ballast for 250-400W. Super CRI pulsed start ballast required for 300W and 350W (SCWA option). Super CRI (pulse start ballast), 80% efficient and EISA regulation compliant, is required for 250-400W (SCWA option) for U.S. shipments only. CSA or IEC required for globe start shipments outside the U.S.

Ballasts are 100% factory-tested.

Socket is porcelain, horizontally mounted medium base socket with copper alloy, nickel-plated screw shell and center contact. UL listed 1500W-400W.

INSTALLATION — Extruded aluminum arm for pole or wall mounting is shipped in future carton. Optional mounting available.

LISTING — UL listed (standard), CSA Certified (see Options), NOM Certified (see Options). UL listed for 25°C ambient temperature and wet locations. PSE rated.

Note: Specifications subject to change without notice.

Area Lighting

KSF2

METAL HALIDE: 250-400W
HIGH PRESSURE SODIUM: 200-400W
15' to 25' Mounting

Specifications

EPK: 2.8 ft² (26 m²) (includes arm)

Length: 24.76 (762.62)

Width: 17.25 (432.5)

Depth: 8.5 (215)

Arm: 4 (102)

Weight: 52 lbs (23.4 kg)

*Weight is configured in example below.

All dimensions are inches (millimeters) unless otherwise specified.

Mounting options: Spax, RFlux, DA12P, WFlux, DA12WB, RFlux

Drilling template: 5, 6, 7

ORDERING INFORMATION — For charted lead times, configure product using builded options. Example: KSF2 400M R3 TB SCWA SP04 LP1

Series	Wattage	Distribution	Voltage	Ballast	Mounting	Arm length*	Shipped separately
KSF2	250W	R2	120/240	EMC	SP	64"	Degrees arm, pole
KSF2	350W	R3	200/400	EMC	SP	64"	Degrees arm, wall
KSF2	400W	R4	200/400	EMC	SP	64"	Most arm adapter
KSF2	400W	R5	200/400	EMC	SP	64"	Turn mounting bar

Options

Option	Description	Option	Description
PHB	NEMA twist lock weatherproof only (no photocell)	CA	CSA Certified
SP	Simple fix (120, 240, 480V)	NOM	NOM Certified
DF	Double fix (120, 240, 480V)	INTL	Available for IEC globe start shipping outside the U.S.
QRS	Quartz restrike system	KW1	Kalidash® 100V control relay
QRSD	QRS time delay	KW4	Kalidash® 277V control relay
		RES1	California Title 20 efficiency 170/2010

Accessories: Tension Mounting Spigots

Tension O.D.	One	Two	Three	Four	Five
2.31" (59)	120-190	120-280	120-370	120-390	120-460
2.39" (61)	120-190	120-280	120-370	120-390	120-460
4" (102)	120-190	120-280	120-370	120-390	120-460

Notes:

1. This catalog depicts the KSF2 fixture to be shown by appropriate color. Call us for the complete color chart.
2. For electrical characteristics, consult outdoor technical data specification sheets on www.lithonia.com.
3. These wattages do not comply with California Title 20 regulations.
4. Not available with SCWA.
5. Mounting height is 15' to 25'.
6. Mounting height is 15' to 25'.
7. Mounting height is 15' to 25'.
8. Mounting height is 15' to 25'.
9. Mounting height is 15' to 25'.
10. Mounting height is 15' to 25'.
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17. Mounting height is 15' to 25'.
18. Mounting height is 15' to 25'.
19. Mounting height is 15' to 25'.
20. Mounting height is 15' to 25'.

KSF2 Arm-Mounted Rectilinear Cutoff Lighting

M13HS

Coefficient of Utilization

Initial Footcandle

ISOLUMINANCE PLOT (Footcandle)

Mounting Height Correction Factor

(Multiply the fc level by the correction factor)

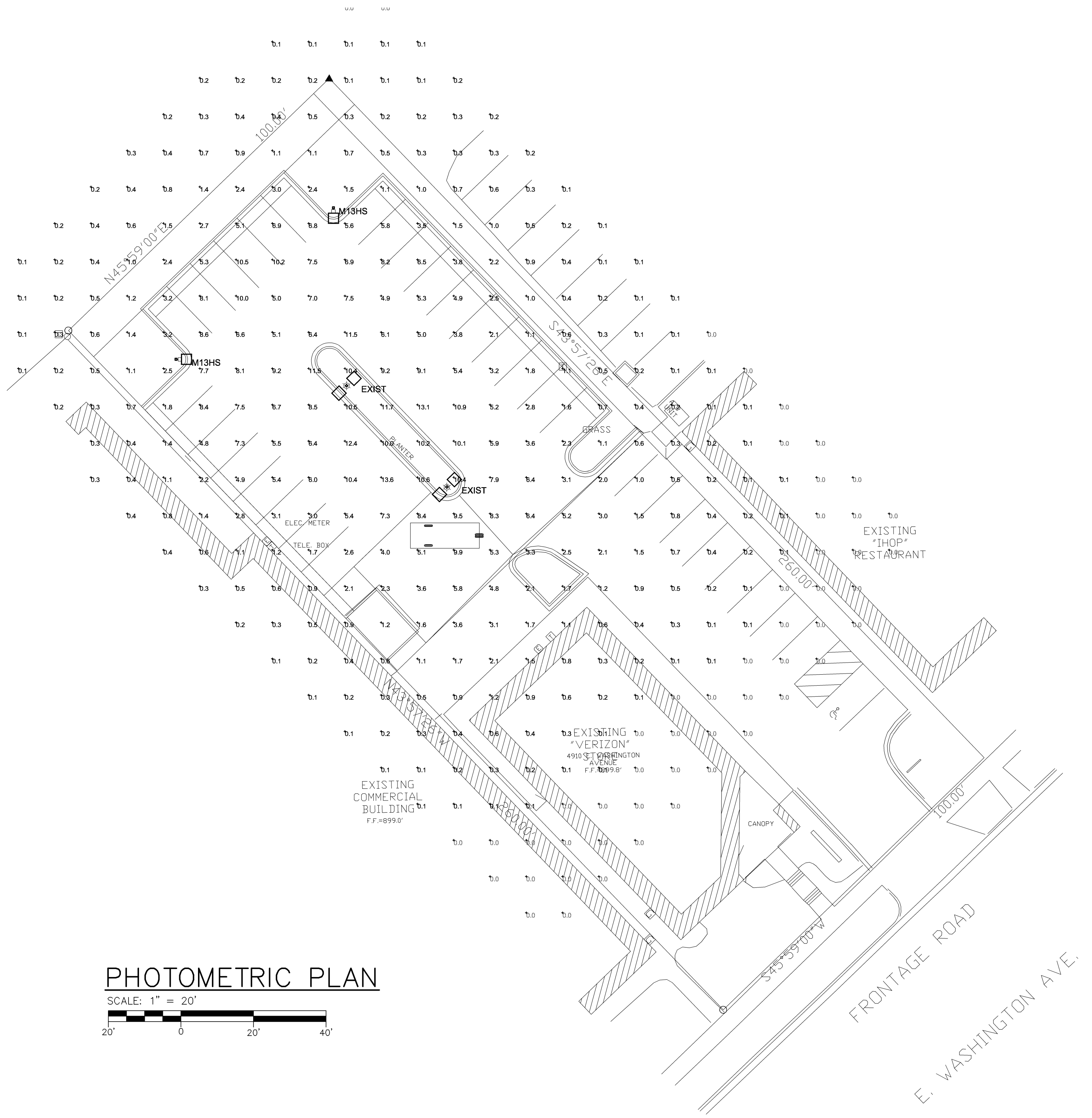
Mounting Height	Correction Factor
30 ft = 9.14	0.8
35 ft = 10.67	0.75
40 ft = 12.19	0.7
45 ft = 13.72	0.65
50 ft = 15.24	0.6

Notes:

1. Photometric data for other distributions can be accessed from the Lithonia Lighting website (www.lithonia.com).
2. For electrical characteristics, consult outdoor technical data specification sheets on www.lithonia.com.
3. Tested to current IES and NEMA standards under stabilized laboratory conditions. Various operating factors can cause differences between laboratory and actual field measurements. Dimensions and specifications are based on the most current available data and are subject to change.

LITHONIA LIGHTING
An Acuity Brands Company

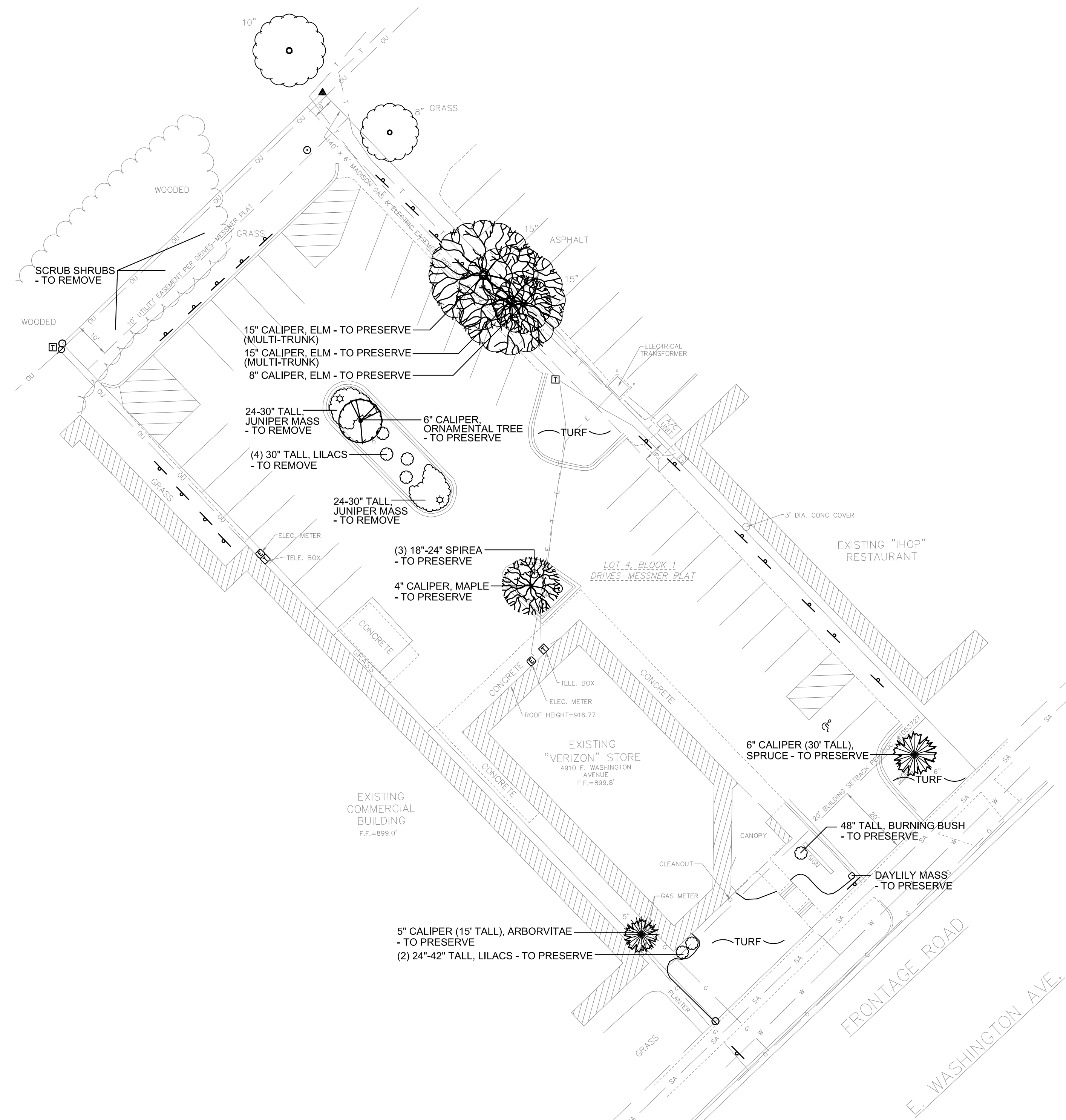
OUTDOOR: One Lithonia Way, Cary, NC 27513 Phone: 770.922.3000 Fax: 770.918.1039 www.lithonia.com ©2000-2010 Acuity Brands Lighting, Inc. All rights reserved. Rev. 09/07/10



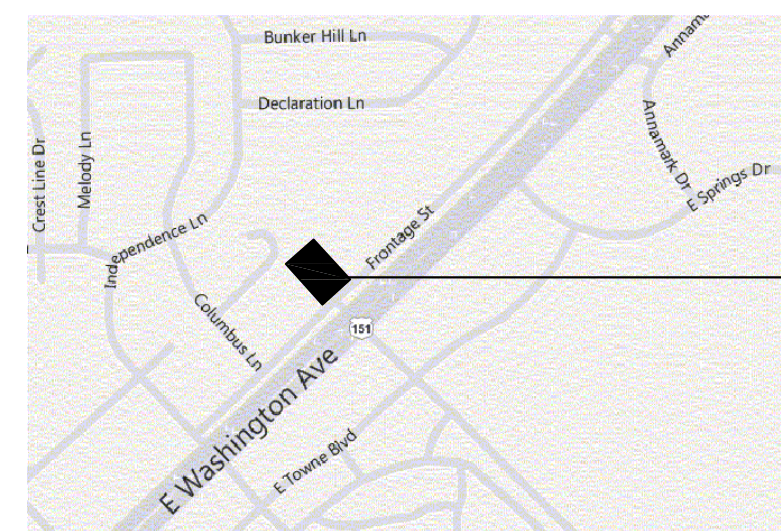
PHOTOMETRIC PLAN
SCALE: 1" = 20'

Symbol	Label	Qty	Catalog Number	Description	Overall Height	Lamp	File	Lumens	LLF	Watts
□	M13HS	2	KSF2 250M R3 HS (PROBE)	Specification Area Luminaire, 250W Metal Halide, R3 Reflector with houseshield shield, Full Cutoff MEETS THE 'NIGHTTIME FRIENDLY' CRITERIA	20' 0"	ONE 250-WATT CLEAR BT-28 METAL HALIDE, HORIZONTAL POSITION.	KSF2_250M_R3_HS_(PROBE).ies	20000	1.00	297
□	EXIST	2	KSF2 250M R3 (PROBE)	Specification Area Luminaire, 250W Metal Halide, R3 Reflector, Full Cutoff MEETS THE 'NIGHTTIME FRIENDLY' CRITERIA	Existing	ONE 250-WATT CLEAR BT-28 METAL HALIDE, HORIZONTAL POSITION.	KSF2_250M_R3_(PROBE).ies	20000	1.00	594

STATISTICS						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Calc Zone #1	+	2.2 fc	13.6 fc	0.0 fc	N/A	N/A



EXISTING SITE CONDITIONS - PROPOSED LANDSCAPE REMOVALS
SCALE: 1" = 20'-0"



LOCATION MAP
NOT TO SCALE

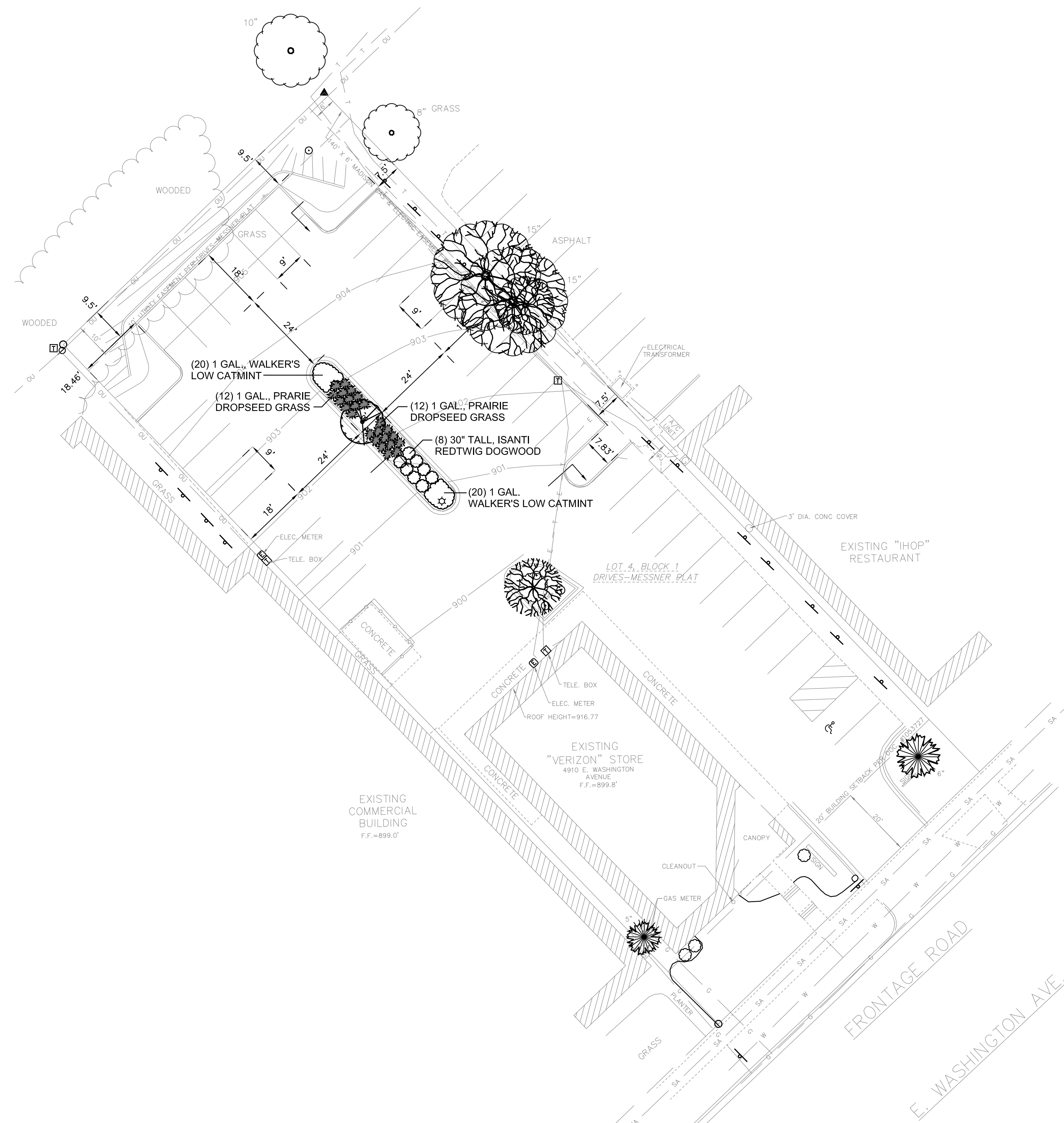
PROJECT CONTACTS

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EXCEL ENGINEERING
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ALGONQUIN, IL 60102
CONTACT: SHARON DICKSON
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sdickson@dicksondesignstudio.com



PROPOSED SITE CONDITIONS - PROPOSED LANDSCAPE INSTALLATIONS
SCALE: 1" = 20'-0"

PARKING LOT - LANDSCAPE CALCULATIONS CHART

Per Section 28.04 Madison General Ordinance:
- 169.0 Points = Number of Landscape Points Required
- (35) parking spaces requires (3) Canopy Shade Trees, 2"-2.5" caliper

- 192.0 Points = Number of Landscape Points Provided
- 140 Points = (4) Canopy Shade Trees (existing)
- 15 Points = (1) Ornamental Tree (existing)
- 15 Points = (1) Evergreen Tree (existing)
- 6 Points = (3) Deciduous Shrubs (existing)
- 16 Points = (8) Deciduous Shrubs (proposed)

PLANT LIST

SIZE	QTY.	BOTANIC NAME	COMMON NAME
30" tall	8	Cornus sericea 'Isanti Redtwig'	Isanti Redtwig Dogwood
1 gallon	24	Sporobolus heterolepis	Prairie Dropseed
1 gallon	40	Nepeta faassenii 'Walker's Low'	Walker's Low Catmint
--	TBD	Pebble Mulch (1.5"-2" diameter stone, to match existing)	
--	TBD	Kentucky Bluegrass Blend Seed/Sod	

NOTES

- All new and existing planting beds and tree rings shall maintain a spaded edge.
- Plants shall be allowed to grow and be maintained in their natural form.
- All landscaping shall be maintained in good condition at all times. All dead, diseased, or damaged plant material shall be replaced promptly, with live material in good condition, and in quantities and sizes that meet the requirements of the City.
- Locate all underground utilities prior to digging.
- Topsoil shall be installed in all parking lot islands, at a minimum of 12" deep.



dickson design
STUDIO

DICKSONDESIGNSTUDIO.COM

1548 E ALGONQUIN ROAD #227
ALGONQUIN IL 60102
847 878 4019

REVISIONS

NO.	DESCRIPTION
1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	
9.	
10.	

SCALE

AS SHOWN

PROJECT NAME AND ADDRESS

VERIZON WIRELESS
RETAIL STORE

4610 E. WASHINGTON AVENUE
MADISON, WI

SHEET TITLE

RENOVATION
LANDSCAPE PLAN
PARKING LOT RECONSTRUCTION

PLAN DATE

NOVEMBER 19, 2010

SHEET NUMBER

1 OF X

PROJECT NUMBER

COMMERCIAL - VZW_inFORM STUDIO