KWIK TRIP EXPRESS #527
1700 PEWAUKEE ROAD WAUKESHA, WI 53188

WAUKESHA, WISCONSIN

CONSTRUCTION PLANS FOR:

ISG PROJECT # 16-19524

SITE PAVEMENT REPLACEMENT

LEGEND

EXISTING

- CITY LIMITS
- SECTION LINE
- QUARTER SECTION LINE
- RIGHT OF WAY LINE
- PROPERTY / LOTLINE
- EASEMENT LINE
- ACCESS CONTROL
- WATER EDGE
- WETLAND BOUNDARY
- WETLAND / MARSH
- FENCE LINE
- CULVERT
- STORM SEWER
- SANITARY SEWER
- SANITARY SEWER FORCEMAIN
- WATER
- UNDERGROUND TELEPHONE
- OVERHEAD ELECTRIC
- UNDERGROUND ELECTRIC
- UNDERGROUND TV
- GAS
- UNDERGROUND FIBER OPTIC
- CONTOUR (MAJOR)
- CONTOUR (MINOR)
- DECIDUOUS TREE
- CONIFEROUS TREE
- TREE LINE
- MANHOLE/STRUCTURE
- CATCH BASIN
- HYDRANT
- VALVE
- CURB STOP
- POWER POLE
- UTILITY PEDESTAL / CABINET

PROPOSED

- LOT LINE
- RIGHT OF WAY
- EASEMENT
- CULVERT
- STORM SEWER
- STORM SEWER (PIPE WIDTH)
- SANITARY SEWER
- SANITARY SEWER (PIPE WIDTH)
- WATER
- OVERHEAD ELECTRIC
- UNDERGROUND ELECTRIC
- UNDERGROUND TV
- GAS
- CONTOUR
- MANHOLE
- CATCH BASIN
- HYDRANT
- VALVE

LOCATION MAP

SCALE IN FEET
0 500 1,000

Sheet List Table

T-100	TITLE SHEET
C-100	EROSION CONTROL PLAN
C-101	EROSION CONTROL NOTES
C-200	EXISTING SITE AND REMOVALS PLAN
C-300	PROPOSED SITE AND UTILITIES PLAN
C-301	TRUCK MOVEMENT PLAN
C-400	GRADING PLAN
C-401	ADA GRADING PLAN
C-500	SITE DETAILS
C-600	RESTORATION PLAN
C-601	PLANTING PLAN
C-602	PLANTING NOTES & DETAILS
E-600	PHOTOMETRIC PLAN

PROJECT GENERAL NOTES

1. ALL WORK SHALL CONFORM TO THE CONTRACT DOCUMENTS, WHICH INCLUDE, BUT ARE NOT LIMITED TO, THE OWNER - CONTRACTOR AGREEMENT, THE PROJECT MANUAL (WHICH INCLUDES GENERAL SUPPLEMENTARY CONDITIONS AND SPECIFICATIONS), DRAWINGS OF ALL DISCIPLINES AND ALL ADDENDA, MODIFICATIONS AND CLARIFICATIONS ISSUED BY THE ARCHITECT/ENGINEER.
2. CONTRACT DOCUMENTS SHALL BE ISSUED TO ALL SUBCONTRACTORS BY THE GENERAL CONTRACTOR IN COMPLETE SETS IN ORDER TO ACHIEVE THE FULL EXTENT AND COMPLETE COORDINATION OF ALL WORK.
3. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS. NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES OR CONDITIONS REQUIRING INFORMATION OR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.
4. FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS. NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES OR CONDITIONS REQUIRING INFORMATION OR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.
5. DETAILS SHOWN ARE INTENDED TO BE INDICATIVE OF THE PROFILES AND TYPE OF DETAILING REQUIRED THROUGHOUT THE WORK. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO DETAILS SHOWN. WHERE SPECIFIC DIMENSIONS, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, NOTIFY ARCHITECT/ENGINEER BEFORE PROCEEDING WITH THE WORK.
6. ALL MANUFACTURED ARTICLES, MATERIALS AND EQUIPMENT SHALL BE APPLIED, INSTALLED, CONNECTED, ERECTED, CLEANED AND CONDITIONED ACCORDING TO MANUFACTURERS' INSTRUCTIONS. IN CASE OF DISCREPANCIES BETWEEN MANUFACTURERS' INSTRUCTIONS AND THE CONTRACT DOCUMENTS, NOTIFY ARCHITECT/ENGINEER BEFORE PROCEEDING WITH THE WORK.
7. ALL DISSIMILAR METALS SHALL BE EFFECTIVELY ISOLATED FROM EACH OTHER TO AVOID GALVANIC CORROSION.
8. THE LOCATION AND TYPE OF ALL INPLACE UTILITIES SHOWN ON THE PLANS ARE FOR GENERAL INFORMATION ONLY AND ARE ACCURATE AND COMPLETE TO THE BEST OF THE KNOWLEDGE OF I & S GROUP, INC. (ISG). NO WARRANTY OR GUARANTEE IS IMPLIED. THE CONTRACTOR SHALL VERIFY THE SIZES, LOCATIONS AND ELEVATIONS OF ALL INPLACE UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL IMMEDIATELY NOTIFY ENGINEER OF ANY DISCREPANCIES OR VARIATIONS FROM PLAN.
9. THE CONTRACTOR IS TO CONTACT "DIGGER'S HOTLINE" FOR UTILITY LOCATIONS, MINIMUM 2 BUSINESS DAYS PRIOR TO ANY EXCAVATION / CONSTRUCTION (811 OR 1-800-242-8511).

DIGGERS HOTLINE
Dial 811 or (800)242-8511
www.DiggersHotline.com

PROJECT INDEX:

OWNER:

KWIK TRIP, INC
1626 OAK STREET, P.O. BOX 2107
LA CROSSE, WISCONSIN 54602

PROJECT MANAGER: BJORN BERG
EMAIL:BBerg@kwiktrip.com

PROJECT ADDRESS:

1700 PEWAUKEE RD
WAUKESHA, WISCONSIN

SECTION 34 / TOWNSHIP 7N / RANGE 19E

WAUKESHA WISCONSIN

MANAGING OFFICE:

LA CROSSE OFFICE
201 MAIN STREET
SUITE 1020
LA CROSSE, WI 54601
PHONE: 608.789.2034

SPECIFICATIONS REFERENCE

ALL CONSTRUCTION SHALL COMPLY WITH THE CITY OF WAUKESHA REQUIREMENTS, WISDOT STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION, 2016 EDITION, WISDOT CONSTRUCTION AND MATERIALS MANUAL, 2016 EDITION, AND WISCONSIN DEPARTMENT OF SAFETY AND PROFESSIONAL SERVICES STATE PLUMBING CODE, 2016 EDITION UNLESS DIRECTED OTHERWISE.

PROJECT DATUM

BEARINGS ARE BASED ON THE NORTH LINE OF GASCOIGNE ROAD, WHICH IS ASSUMED TO BEAR NORTH 90°00'00" WEST.

ELEVATIONS REFER TO CITY OF WAUKESHA DATUM. STARTING BENCHMARK: SOUTHEAST CORNER OF NORTHEAST 1/4 OF SECTION 34, TOWNSHIP 7 NORTH, RANGE 19 EAST, FOUND CONCRETE MONUMENT WITH BRASS CAP, EL=113.787

B.M. ELEVATION=115.86

NORTH FLANGE BOLT ON HYDRANT LOCATED BY THE SOUTHWEST PROPERTY CORNER ON THE NORTH SIDE OF GASCOIGNE ROAD

TOPOGRAPHIC SURVEY

THIS PROJECTS TOPOGRAPHIC SURVEY CONSISTS OF DATA COLLECTED ON JUNE 2016 BY R.A. SMITH NATIONAL, INC.

WISCONSIN 10/03/2016 WILLIAM A. KRATT 40457-006 LA CROSSE, WI PROFESSIONAL ENGINEER

FOR PLAN REVIEW ONLY

KWIK TRIP
KWIK STAR

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PROJECT

KWIK TRIP EXPRESS #527
1700 PEWAUKEE ROAD
WAUKESHA, WI 53188

WAUKESHA WISCONSIN

REVISION SCHEDULE

DATE	DESCRIPTION	BY

PROJECT NO.	16-19524
FILE NAME	19524 T1-TITLE
DRAWN BY	CLF
DESIGNED BY	KBR
REVIEWED BY	WAK
ORIGINAL ISSUE DATE	10/03/2016
CLIENT PROJECT NO.	-

TITLE

TITLE SHEET

SHEET

T-100

SITE COVERAGE TABLE

BUILDING	3,521 SF - 14.2%
CANOPY	2,385 SF - 9.6%
PAVEMENT & SIDEWALKS	12,397 SF - 50.1%
LAWN AND LANDSCAPED AREAS	6,440 SF - 26.1%
TOTAL SITE	24,743 SF - 100%

STORM WATER POLLUTION PREVENTION PLAN NOTES:

GENERAL PROJECT INFORMATION:

PROJECT NARRATIVE:
This project consists of the construction of a concrete pavement, concrete sidewalk, and curb and gutter, along with all the necessary grading, paving, erosion control, landscaping, lighting, and ay additional components.

PROJECT PHASING:
This project will be completed in one phased in the following sequence:

- Approximate Project Start Date – 11/14/2016
- Install temporary erosion control devices
- Remove the existing concrete pavement, concrete sidewalk, and other items noted on the removals plan
- Installation of utilities
- Site grading
- Construct concrete surface
- Restripe parking lot
- Seeding and landscaping
- Establish vegetation
- Remove temporary erosion control devices
- Approximate Final Stabilization Date 05/27/2016

RESPONSIBLE PARTIES:
Contractor and owner shall identify a person knowledgeable and experienced in the application of erosion prevention and sediment control BMP's who will oversee the implementation of the Erosion Control Plan according to City of Waukesha Erosion Control Ordinance and WDNR requirements.

Company: Contact Person: Phone:

Address:

Company: Contact Person: Phone:

Address:

Owner shall identify the entity responsible for the long term Operation and Maintenance of the storm water management system.

Company: Contact Person: Phone:

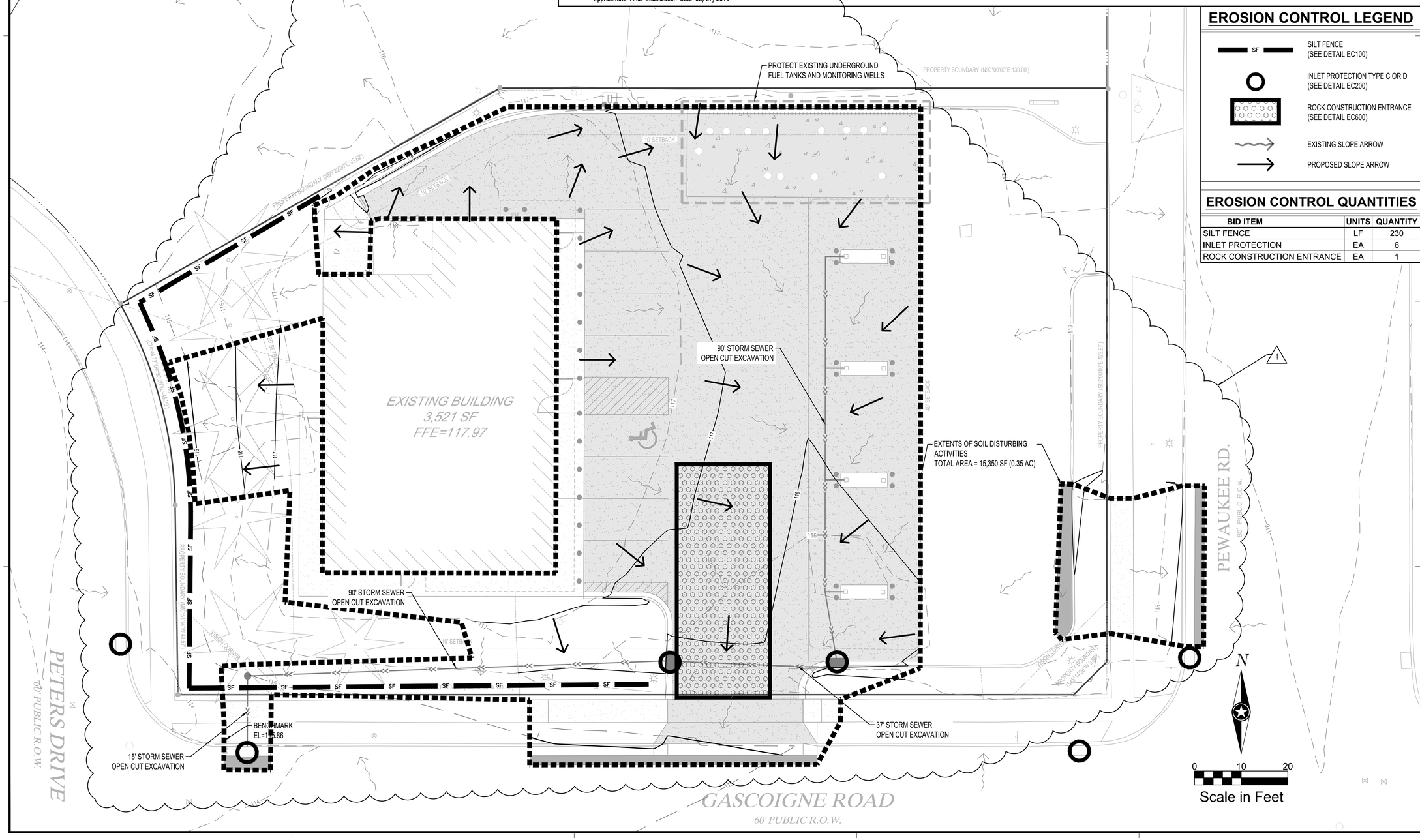
PROJECT AREAS:
Total project size (disturbed area) = 0.35 acres
Minimum area requiring WDNR permit = 1.00 acres
****PROJECT DOES NOT REQUIRE A WPDES PERMIT****
Existing area of impervious surface = 0.42 acres
Post construction area of impervious surface = 0.42 acres
Total new impervious surface area created = 0.00 acres
Minimum area of new impervious surface created requiring permanent storm water management = 1.00 acres

RECEIVING WATERS:
Surface waters which will receive storm water from the site within 1 mile (aerial radius measurement) of project boundary. Include waters shown on USGS 7.5 minute quad and all waters identified in Appendix A of the permit.

Name of Water Body	Type (ditch, pond, wetland, lake, etc.)	Appendix A Special or Impaired Water?
Fox River	River	Impaired

Additional BMPs together with enhanced runoff controls are required for discharges to Special or Impaired waters within 1 mile of the site. (See Appendix A)

SOIL TYPES:
Lamartine silt loam



EROSION CONTROL LEGEND

- SILT FENCE (SEE DETAIL EC100)
- INLET PROTECTION TYPE C OR D (SEE DETAIL EC200)
- ROCK CONSTRUCTION ENTRANCE (SEE DETAIL EC600)
- EXISTING SLOPE ARROW
- PROPOSED SLOPE ARROW

EROSION CONTROL QUANTITIES

BID ITEM	UNITS	QUANTITY
SILT FENCE	LF	230
INLET PROTECTION	EA	6
ROCK CONSTRUCTION ENTRANCE	EA	1

ISG

WISCONSIN 10/03/2016 WILLIAM A. KRATT 40457-006 LA CROSSE PROFESSIONAL ENGINEER

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KWIK TRIP EXPRESS #527
1700 PEWAUKEE ROAD
WAUKESHA, WI 53188

WAUKESHA WISCONSIN

REVISION SCHEDULE

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DESIGNED BY	KBR
REVIEWED BY	WAK
ORIGINAL ISSUE DATE	10/03/2016
CLIENT PROJECT NO.	-

TITLE

EROSION CONTROL PLAN

SHEET

C-100

CONSTRUCTION ACTIVITY NOTES:

EROSION PREVENTION:

Construction of silt fence and all other erosion control measures shall be complete before other construction activity occurs. Use phased construction wherever practical and establish turf as soon as possible to minimize sediment transport.

Turf establishment or temporary seeding and mulching of all exposed soil not being actively worked should be practiced following the table below:

Type of Slope or Disturbance Area	Time Area can Remain Open Without Being Actively Worked
Steeper than 3:1	7 days
10:1 to 3:1	7 days
Flatter 10:1	7 days
Ditches	1 day
Pipe Ends	1 day
Within 200 Feet of Surface Water	1 day

Temporary cover during construction is incidental.

Pipe outlets must be provided with temporary or permanent energy dissipation within 24 hours after connection to a surface water.

All exposed soils shall be seeded or sodded at the earliest possible time to prevent/reduce erosion.

A. Seeding shall be WisDOT seed mixture #40 in accordance with WisDOT Specification Section 630.

B. Sodding shall be applied according to WisDOT Specification Section 631.

C. Temporary mulching shall be applied at a rate of 2 tons/acre. Mulch shall be disc anchored.

Additional erosion prevention measures may be found at the Wisconsin Department of Natural Resources Best Management Practices.

SEDIMENT CONTROL PRACTICES:

Construction of silt fence and all other erosion control measures shall be complete prior to land disturbing activities occur.

Inlet erosion protection shall be installed and maintained until turf or pavement has been established.

The contractor shall be responsible to control erosion from leaving the construction zone. All eroded material that leaves the construction zone shall be collected by the contractor and returned to the site at the contractor's expense.

Contractor shall maintain a 50-foot natural buffer or use redundant sediment controls near surface waters if a buffer is not feasible.

Contractor shall take the necessary steps to minimize soil compaction and preserve topsoil on site.

All streets must be swept by the end of the workday when any tracking occurs. Flushing shall not be allowed un less runoff is treated before discharge from the site.

Silt fence or other effective erosion control measures must be installed around the perimeter of any soil stockpiled, including temporary stockpiles, at this location or any other on the project site. Stockpiles cannot be placed in surface waters, including storm water conveyances such as curb and gutter systems, or conduits and ditches.

Perimeter control shall be installed along the back of curb immediately following curb installation at all locations with positive drainage to parking lot and/or streets, and remaining until stabilization is achieved. This shall be accomplished through the use of silt fence. (Biorolls, Rock logs, or other methods approved by the engineer prior to installation shall also be placed acceptable)

CONSTRUCTION ACTIVITY NOTES:

DEWATERING AND BASIN DRAINING:

Dewater sediment-laden water to sedimentation basins if possible, or use other BMP's such as portable sediment tanks to prevent erosion when discharging to surface waters. Use appropriate energy dissipation measures on all discharges.

Dewatering practices cannot cause nuisance conditions, or erosion in receiving channels or inundation of wetlands resulting in adverse impacts.

POLLUTION PREVENTION:

All solid waste collected from the construction site must be disposed in accordance with all applicable regulations.

All hazardous materials (oil, gasoline, fuel, paint, etc) must be properly stored to prevent spills, leaks, or other discharge. Storage areas shall provide secondary containment and a hazardous materials spill kit. Equipment fueling and maintenance shall occur in a designated, contained area. Storage and disposal of hazardous waste must be in compliance with all applicable regulations. All runoff containing any hazardous material must be properly collected and disposed. No engine degreasing shall be allowed on site.

All sanitary wastes must be collected from portable units on site by a licensed sanitary waste management contractor. The units must be secured and shall be maintained on a regular basis as needed to prevent overfilling.

Emergency Spill Plan – The Contractor is responsible for all construction personnel to be informed of the manufacturers' recommended spill cleanup methods, and the location of that information and cleanup supplies. The Contractor shall modify the SWPPP as required within seven calendar days of knowledge of the release to: provide a description of the release, the circumstances leading to the release, and the date of the release. Plans must identify measures to prevent the reoccurrence of such releases. If a spill occurs, the following steps shall be followed:

1. Observe the safety precautions associated with the spilled material. Stop the source of the spill, if you can do so safely. Call 911 if fire or public safety hazards are created.
2. Contain the spilled material. Dirt, sand, or any semi-impermeable material may be used to create a containment structure to prevent the material from flowing.
3. Report the spill to Wisconsin's Spill Hotline at (800) 943-0003.
4. Clean up the spilled material and dispose of the wastes properly.

The contractor is responsible for monitoring air pollution and ensuring it does not exceed levels set by local, state, or federal regulations. This includes dust created by work being performed on the site. Air pollution and dust control correction is considered incidental to the unit bid prices for which work is being performed. Additional dust control measures may be required by the Engineer.

Concrete washout off site: All liquid and solid wastes generated by concrete washout must be contained and not have the opportunity to come in contact with the surface waters or ground water. This includes ditches, slopes to ditches, curb and gutter, storm sewer systems, and ponds. All excess water and concrete must leave the site within the concrete trucks. Liquid and solid wastes must be disposed of properly.

INSPECTION AND MAINTENANCE:

The Permittees must routinely inspect the construction site once every seven (7) days during active construction and within 24 hours of a rainfall event greater than 0.5 inches in a 24 hour period.

All inspections performed during construction must be recorded and records retained with the erosion plan in accordance with the Permit. Contractor is responsible for keeping a record of all rainfall data & erosion control maintenance until final establishment of turf.

Erosion control and other BMP's must be replaced, repaired, or supplemented when they reach 33% design load.

FINAL STABILIZATION:

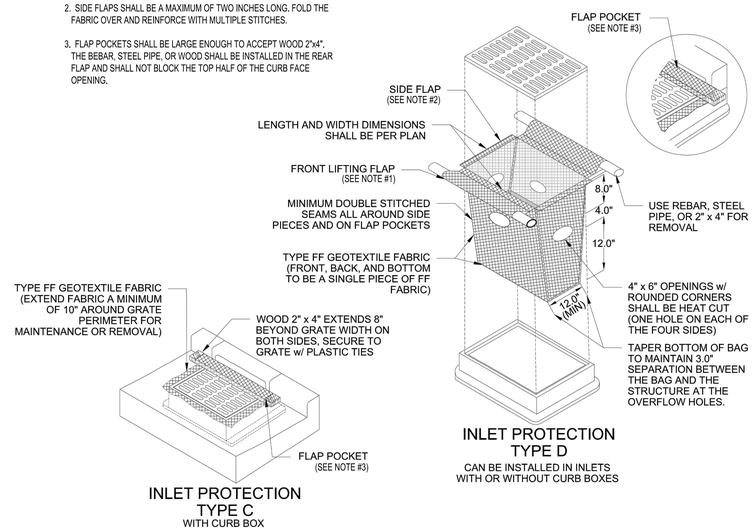
The Contractor must ensure final stabilization of the site. The Contractor must submit a Notice of Termination when the site has undergone final stabilization and all stormwater discharges associated with the construction site activities that require to have WPDES coverage have ceased.

All temporary erosion control measures and BMP's must be removed as part of the final site stabilization.

The storm water permit further defines final stabilization and its requirements.

NOTES:

1. FRONT LIFTING FLAP IS TO BE USED WHEN REMOVING AND MAINTAINING FILTER BAG.
2. SIDE FLAPS SHALL BE A MAXIMUM OF TWO INCHES LONG. FOLD THE FABRIC OVER AND REINFORCE WITH MULTIPLE STITCHES.
3. FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2"x4". THE BEBAR, STEEL PIPE, OR WOOD SHALL BE INSTALLED IN THE REAR FLAP AND SHALL NOT BLOCK THE TOP HALF OF THE CURB FACE OPENING.



INLET PROTECTION
TYPE D
CAN BE INSTALLED IN INLETS WITH OR WITHOUT CURB BOXES

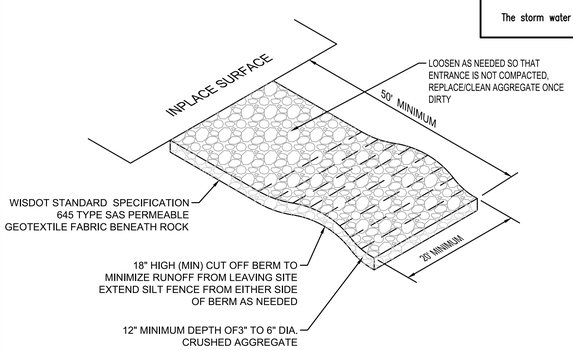
INLET PROTECTION
TYPE C
WITH CURB BOX

MAINTENANCE NOTES:

1. WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED IN THE FABRIC DOES NOT FALL INTO THE STRUCTURE. MATERIAL THAT HAS FALLEN INTO THE INLET SHALL BE IMMEDIATELY REMOVED.

INLET PROTECTION

NTS EC200



ROCK CONSTRUCTION ENTRANCE

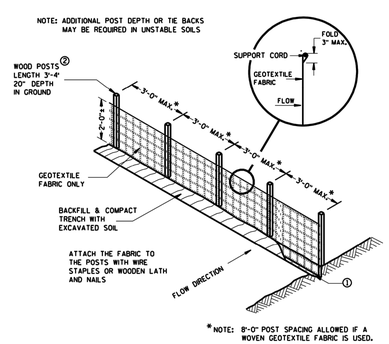
NTS EC600

GENERAL NOTES

① TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.

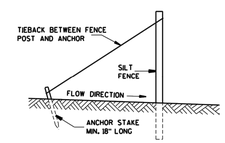
② WOOD POSTS SHALL BE A MINIMUM SIZE OF 1 1/4" X 1 1/4" OF OAK OR HICKORY.

③ CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS: A) TWIST METHOD -- OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES. B) HOOK METHOD -- HOOK THE END OF EACH SILT FENCE LENGTH.

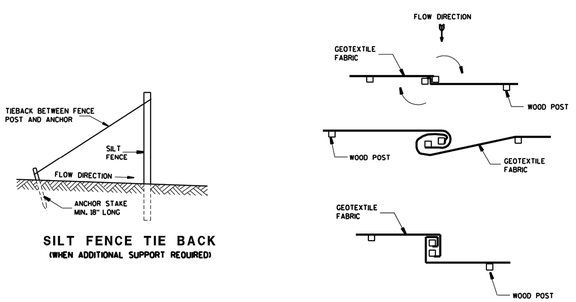


*NOTE: 8'-0" POST SPACING ALLOWED IF A WOVEN GEOTEXTILE FABRIC IS USED.

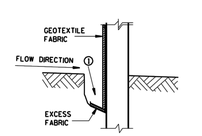
SILT FENCE



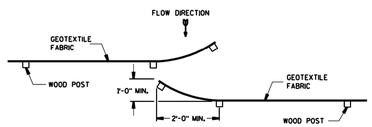
SILT FENCE TIE BACK
(WHEN ADDITIONAL SUPPORT REQUIRED)



TWIST METHOD



TRENCH DETAIL



HOOK METHOD
JOINING TWO LENGTHS OF SILT FENCE ④

SILT FENCE

NTS EC100

ISG

WISCONSIN
10/03/2016
WILLIAM A. KRATT
40457-006
LA CROSSE
PROFESSIONAL ENGINEER

KWIK TRIP
KWIK STAR

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WAUKESHA WISCONSIN

REVISION SCHEDULE

DATE	DESCRIPTION	BY

PROJECT NO.	16-19524
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CLIENT PROJECT NO.	-

TITLE

EROSION CONTROL NOTES

SHEET

C-101

SETBACK DATA

(M-3 LIMITED BUSINESS AND INDUSTRIAL PARK DISTRICT)

FRONT YARD SETBACK	= 40'
REAR YARD SETBACK	= 25'
SIDE YARD SETBACK	= 10'
LOT CURB SETBACK	= 4'

SITE HATCH LEGEND

- HEAVY DUTY CONCRETE PAVEMENT
- CONCRETE PAVEMENT
- CONCRETE WALK
- ASPHALT PAVEMENT

PARKING DATA

REQUIRED PARKING STALLS	= 13
PROVIDED PARKING STALLS (8 STALLS FROM FUEL PUMPS)	= 16
REQUIRED ACCESSIBLE PARKING STALLS	= 1
PROVIDED ACCESSIBLE PARKING STALLS	= 1

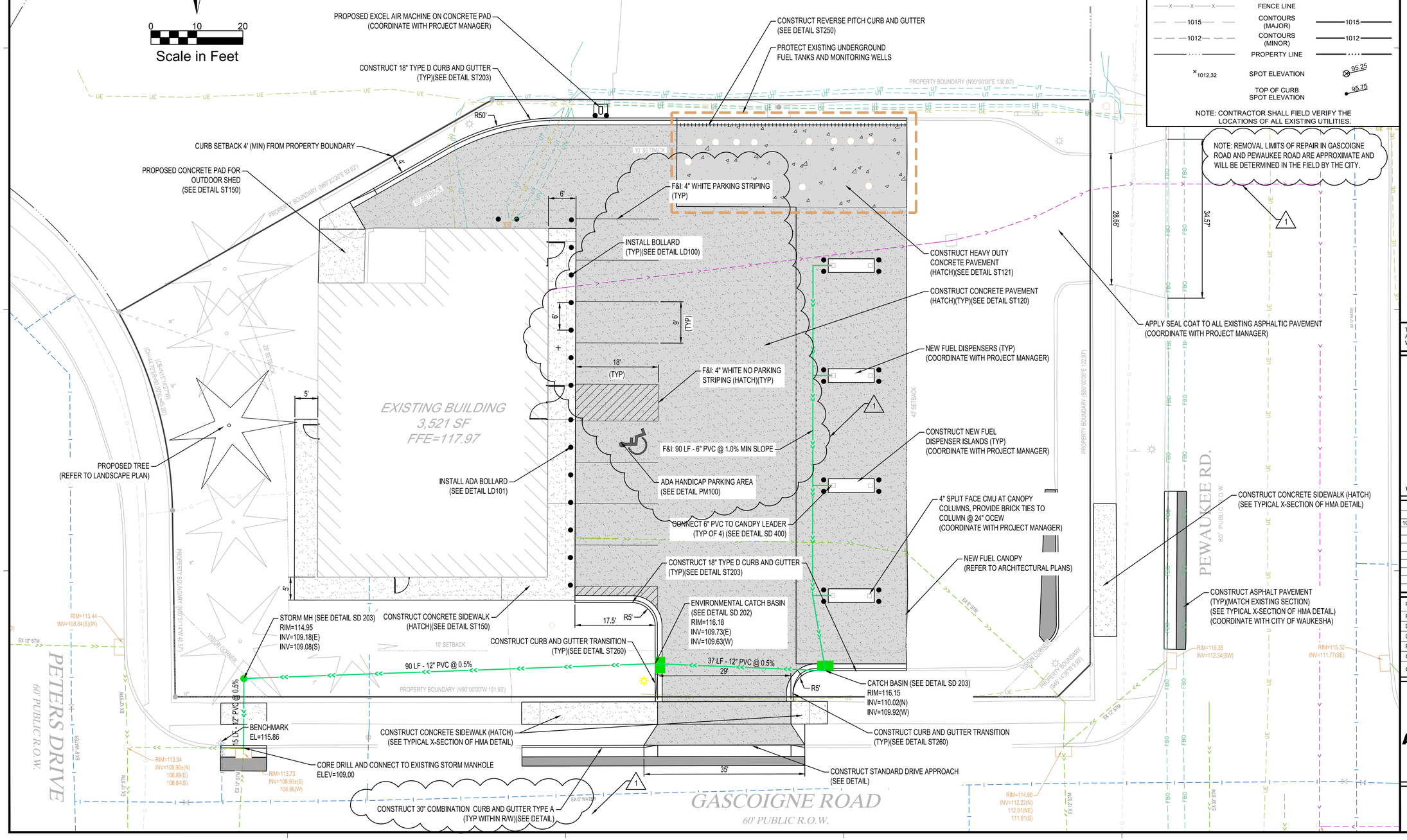
WAUKESHA, WI

150 SF OF GROSS FLOOR AREA OF CUSTOMER SALES AND SERVICE

LEGEND

EXISTING		PROPOSED
>>	STORM DRAIN	>>
>	SANITARY SEWER	>
ID>	SANITARY SEWER FORCEMAIN	ID>
I	WATER	I
UT	UNDERGROUND TELEPHONE	UT
OE	OVERHEAD ELECTRIC	OE
UE	UNDERGROUND ELECTRIC	UE
UTV	UNDERGROUND TV	UTV
G	GAS	G
WET	WETLAND	
W	WATER SHORELINE	
X	FENCE LINE	
1015	CONTOURS (MAJOR)	1015
1012	CONTOURS (MINOR)	1012
	PROPERTY LINE	
×1012.32	SPOT ELEVATION	⊗95.25
	TOP OF CURB SPOT ELEVATION	•95.75

NOTE: CONTRACTOR SHALL FIELD VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES.



ISG

WISCONSIN 10/03/2016 WILLIAM A. KRATT 40457-006 LA CROSSE PROFESSIONAL ENGINEER

KWIK TRIP KWIK STAR

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WAUKESHA WISCONSIN

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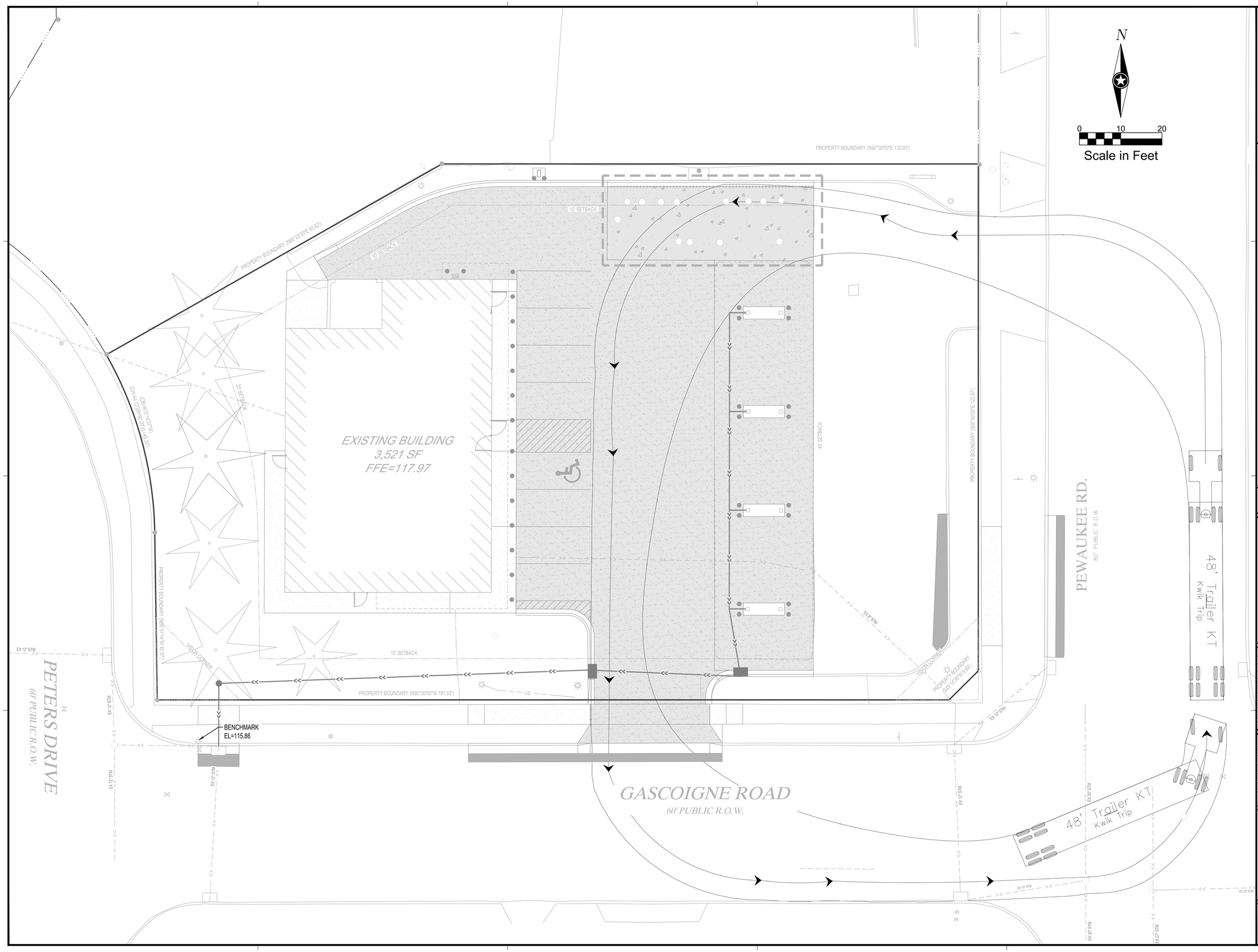
TITLE

PROPOSED SITE AND UTILITIES PLAN

SHEET

C-300



ISG

WISCONSIN
10/03/2016
WILLIAM A.
KRATT
40457-006
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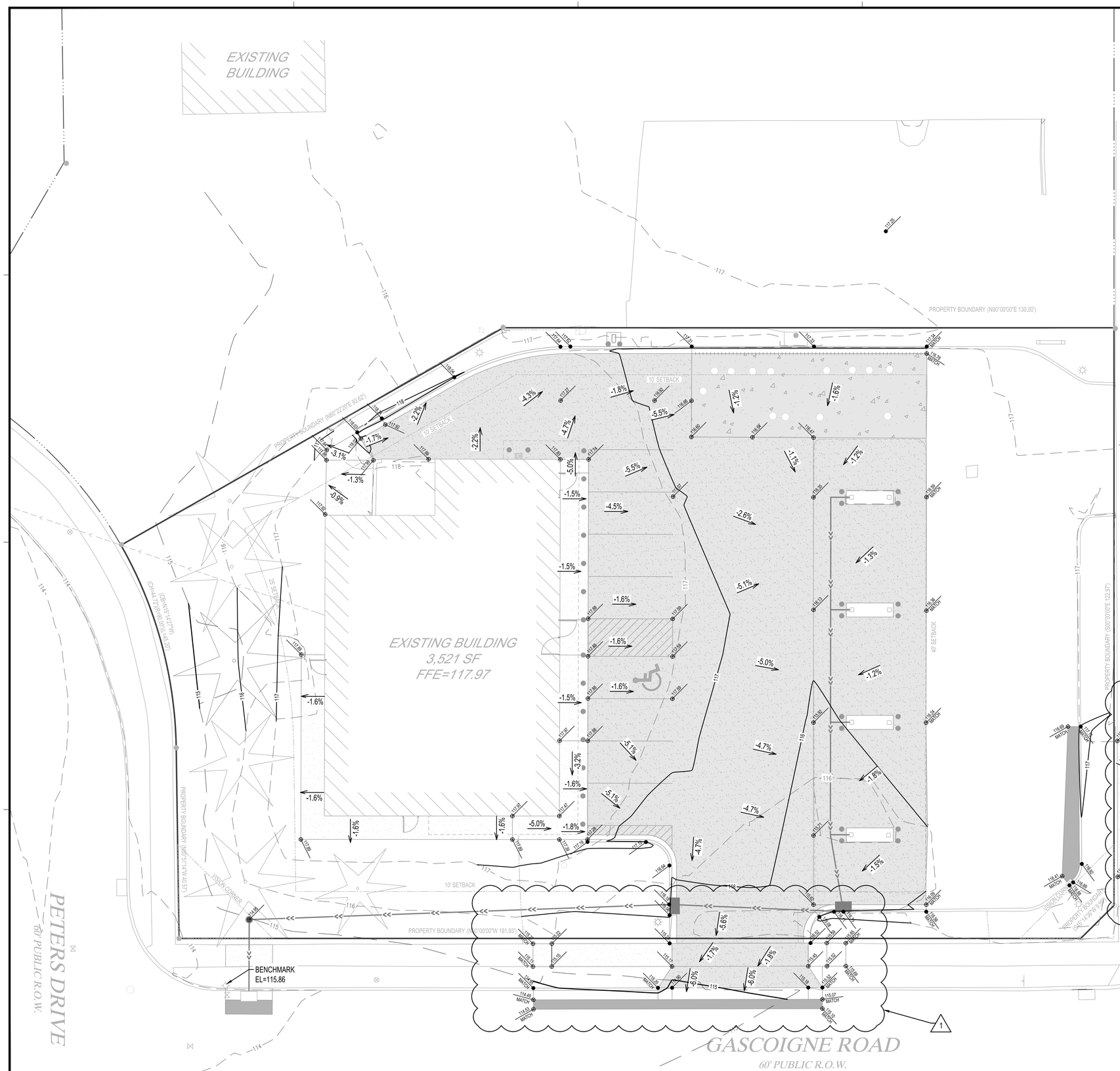
REVIEWED BY	WAK
ORIGINAL ISSUE DATE	10/03/2016
CLIENT PROJECT NO.	-

TITLE

TRUCK MOVEMENT PLAN

SHEET

C-301



GENERAL GRADING NOTES

EXCAVATED MATERIAL SHALL BE COMPACTED TO 100% PROCTOR DENSITY FOR THE UPPER 3', AND 95% PROCTOR DENSITY BELOW 3' IN ALL BUILDING PADS. REFER TO THE QUALITY COMPACTION METHOD IN ALL OTHER AREAS.

PROPOSED CONTOURS SHOW FINISHED GRADE ELEVATIONS. BUILDING PAD HOLD DOWNS ARE NOT INCLUDED.

LEGEND

- GROUND SPOT ELEVATION
- TOP OF CURB SPOT ELEVATION
- 2.4% SLOPE ARROW (PERCENT GRADE)

ISG

WISCONSIN 10/03/2016 WILLIAM A. KRATT 40457-006 LA CROSSE PROFESSIONAL ENGINEER

KWIK TRIP KWIK STAR

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PROJECT

KWIK TRIP EXPRESS #527

1700 PEWAUKEE ROAD
WAUKESHA, WI 53188

WAUKESHA WISCONSIN

REVISION SCHEDULE

DATE	DESCRIPTION	BY
10/06/2016	PLAN REVIEW COMMENTS	KBR

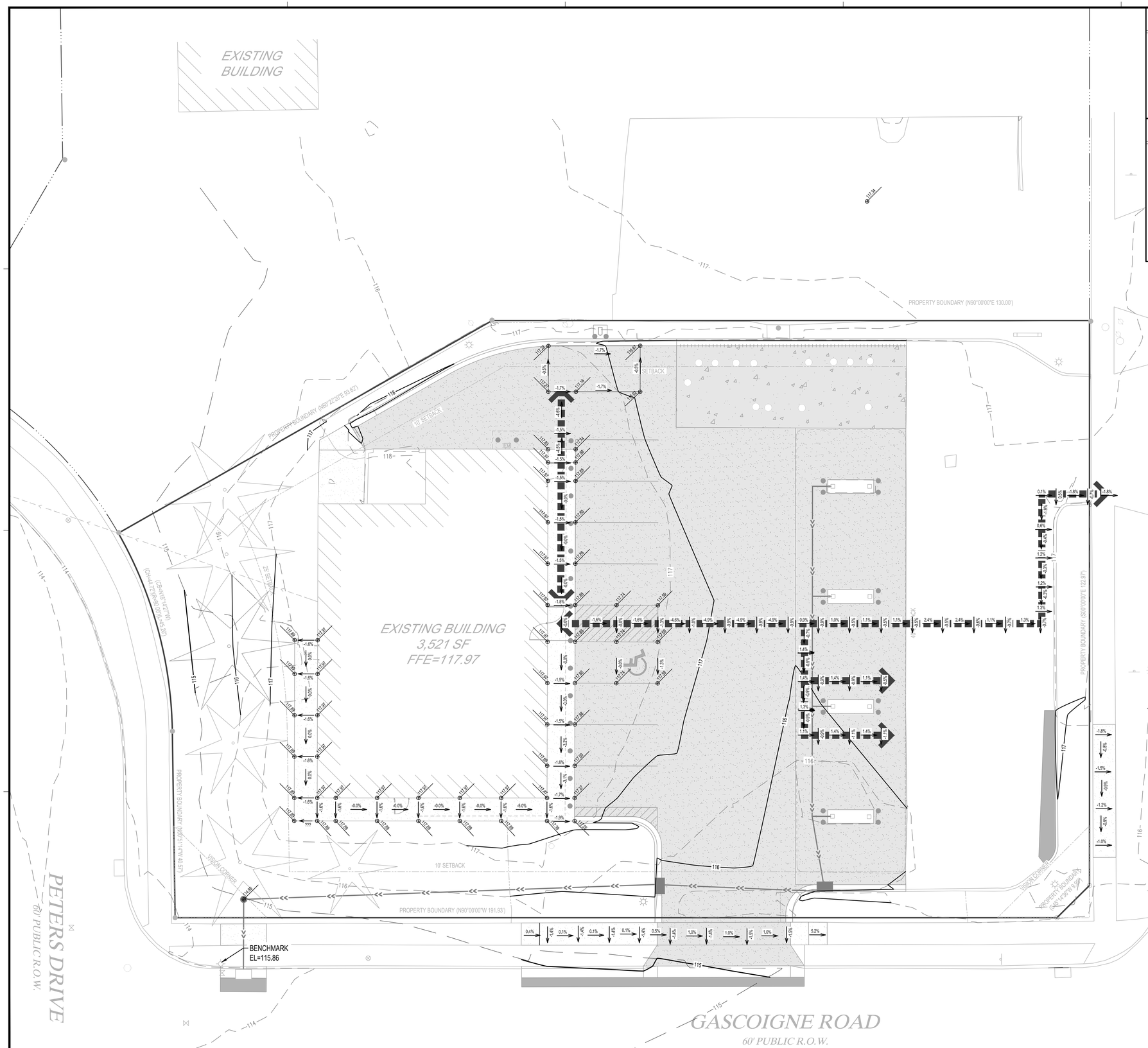
PROJECT NO.	16-19524
FILE NAME	19524 C4-GRADE
DRAWN BY	CLF
DESIGNED BY	KBR
REVIEWED BY	WAK
ORIGINAL ISSUE DATE	10/03/2016
CLIENT PROJECT NO.	-

TITLE

GRADING PLAN

SHEET

C-400



GENERAL GRADING NOTES

EXCAVATED MATERIAL SHALL BE COMPACTED TO 100% PROCTOR DENSITY FOR THE UPPER 3', AND 95% PROCTOR DENSITY BELOW 3' IN ALL BUILDING PADS. REFER TO THE QUALITY COMPACTION METHOD IN ALL OTHER AREAS.

PROPOSED CONTOURS SHOW FINISHED GRADE ELEVATIONS. BUILDING PAD HOLD DOWNS ARE NOT INCLUDED.

LEGEND

- ADA ACCESSIBLE ROUTE
- GROUND SPOT ELEVATION
- TOP OF CURB SPOT ELEVATION
- 2.4% SLOPE ARROW (PERCENT GRADE)

ISG

WISCONSIN 10/03/2016 WILLIAM A. KRATT 40457-006 LA CROSSE, WI PROFESSIONAL ENGINEER

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PROJECT

KWIK TRIP EXPRESS #527

1700 PEWAUKEE ROAD
WAUKESHA, WI 53188

WAUKESHA WISCONSIN

REVISION SCHEDULE

DATE	DESCRIPTION	BY

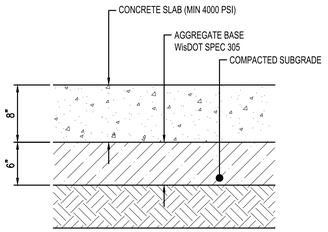
PROJECT NO.	16-19524
FILE NAME	19524 C4-GRADE
DRAWN BY	CLF
DESIGNED BY	KBR
REVIEWED BY	WAK
ORIGINAL ISSUE DATE	10/06/2016
CLIENT PROJECT NO.	-

TITLE

ADA GRADING PLAN

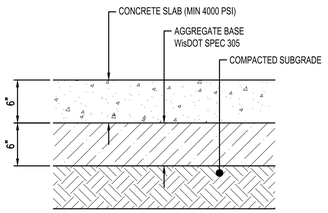
SHEET

C-401



HEAVY DUTY CONCRETE PAVEMENT SECTION

NTS ST121

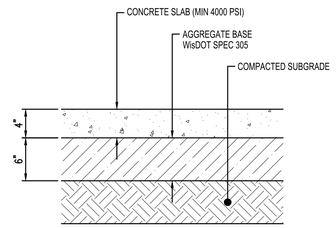


STANDARD CONCRETE PAVEMENT SECTION

NTS ST120

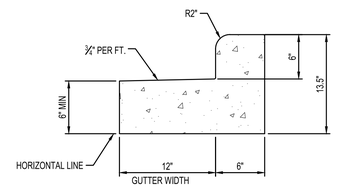
NOTES

1. CONCRETE REINFORCEMENT SHALL BE #4 BAR AT 4' OC BOTH WAYS.



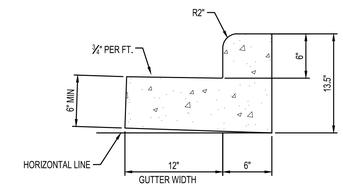
STANDARD CONCRETE SECTION

NTS ST150



REVERSE PITCH CONCRETE CURB & GUTTER

NTS ST250

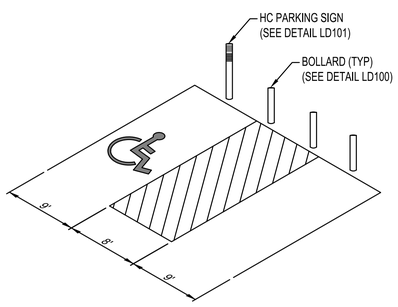


18" TYPE 'D' CURB & GUTTER

NTS ST203

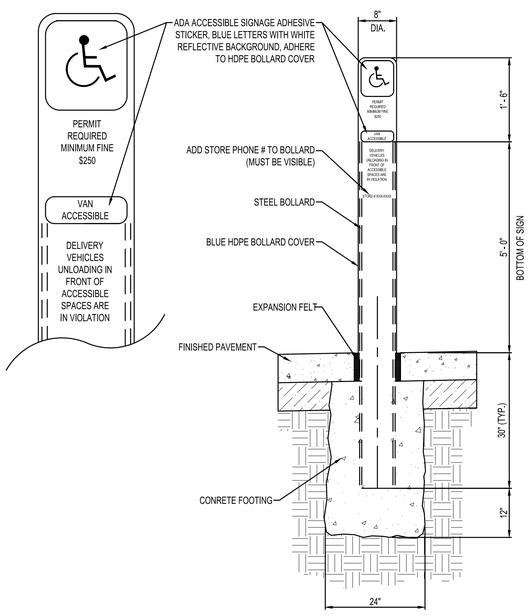
NOTES

1. ALL EXPOSED EDGES OF CONCRETE SHALL BE FINISHED WITH AN EDGING TOOL HAVING A RADIUS OF 1/4 INCH UNLESS OTHERWISE NOTED.
2. CURB SHALL BE TIED INTO EXISTING PAVEMENT.



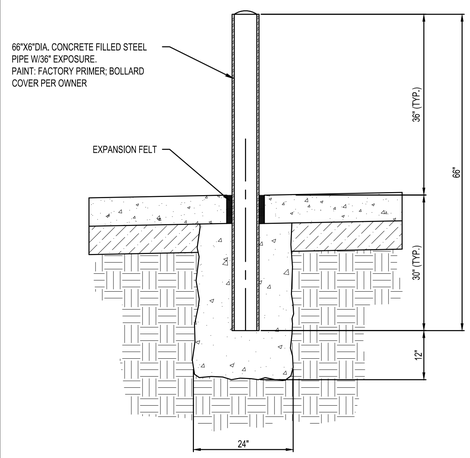
ACCESSIBLE PARKING

NTS PM100



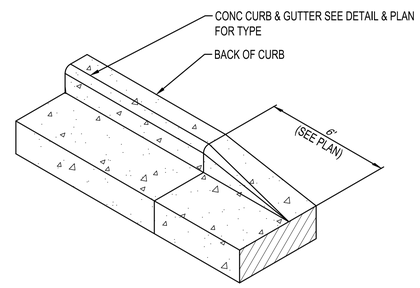
ADA H.C. BOLLARD SIGNAGE

NTS LD101



66"x6" DIAMETER PIPE BOLLARD

NTS LD100



CURB HEAD TRANSITION

NTS ST260

ISG

WISCONSIN
10/03/2016
WILLIAM A. KRATT
40457-006
LA CROSSE, WI
PROFESSIONAL ENGINEER

KWIK TRIP
KWIK STAR

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PROJECT

KWIK TRIP EXPRESS #527

1700 PEWAUKEE ROAD
WAUKESHA, WI 53188

WAUKESHA WISCONSIN

REVISION SCHEDULE

DATE	DESCRIPTION	BY

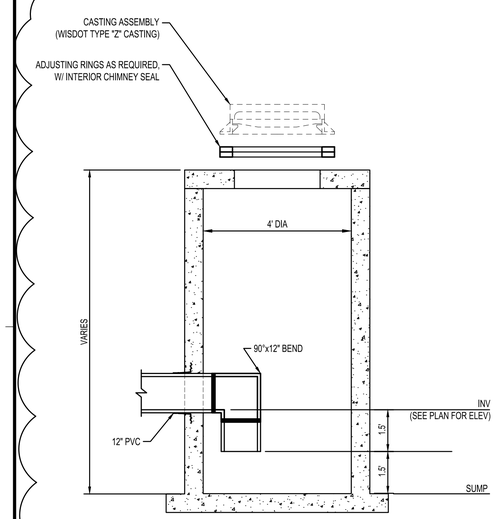
PROJECT NO.	16-19524
FILE NAME	19524 C5-DETAILS
DRAWN BY	CLF
DESIGNED BY	KBR
REVIEWED BY	WAK
ORIGINAL ISSUE DATE	10/03/2016
CLIENT PROJECT NO.	-

TITLE

SITE DETAILS

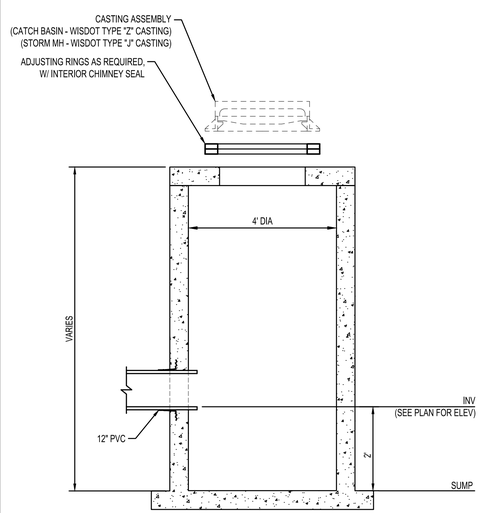
SHEET

C-500



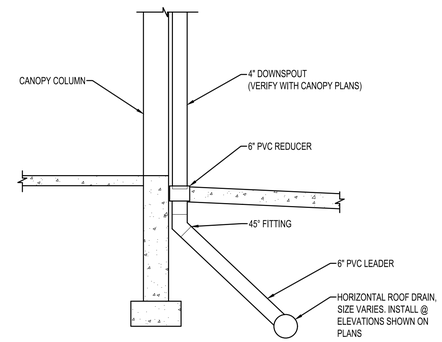
ENVIRONMENTAL CATCH BASIN

N.T.S. SD202



STORM MH/CATCH BASIN

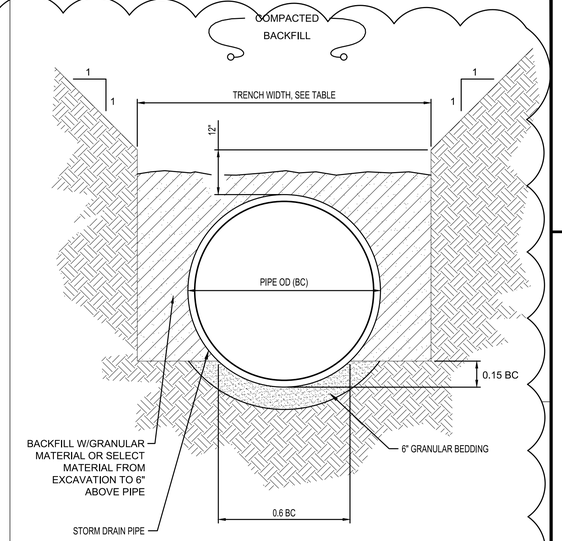
N.T.S. SD203



1

VERTICAL RAIN LEADER

NTS SD400



NOTE:
GRANULAR BEDDING AND BACKFILL FOR STORM DRAIN PIPES SHALL BE INCIDENTAL TO STORM DRAIN CONSTRUCTION

TRENCH WIDTH

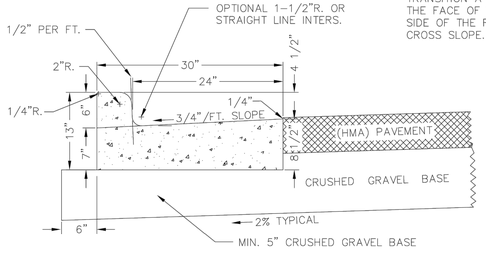
PIPE DIAM	TRENCH WIDTH
36" OR LESS	BC + 24"
42" TO 54"	1.5 x B C
60" OR OVER	BC + 36"

NON-CONCRETE STORM DRAIN PIPE BEDDING

NTS SD600

TYPICAL DETAIL OF STANDARD 30" COMBINATION CURB AND GUTTER FOR HOT MIX ASPHALT (HMA) PAVEMENT TYPE "A"

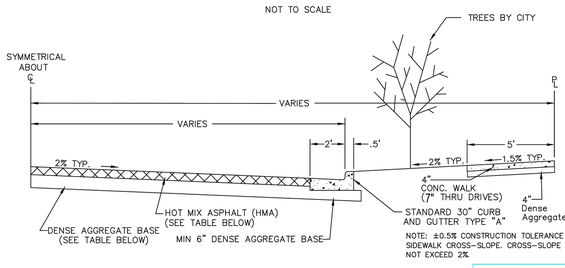
NOTE: AT ALL HANDICAP RAMP LOCATIONS THE CROSS SLOPE OF THE FLANGE CANNOT EXCEED 1/4"/FT. THIS MUST BE MAINTAINED THE WIDTH OF THE RAMP. TRANSITION A MINIMUM 5 FT. ALONG THE FACE OF THE FLANGE ON EITHER SIDE OF THE RAMP TO THE TYPICAL CROSS SLOPE.



TYPICAL DETAIL OF STANDARD 30" COMBINATION CURB AND GUTTER FOR HMA TYPE "A"	
CITY OF WAUKESHA ENGINEERING DIVISION	
APPROVED BY: PAUL G. DAY, P.E. CITY ENGINEER	
JANUARY, 2008 DATE	
CHECKED BY:	DRAWN BY: B.C.Z.

TYPICAL X-SECTION OF HOT MIX ASPHALT (HMA)

NOT TO SCALE



NOTE: ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS-SLOPE. CROSS-SLOPE SHALL NOT EXCEED 2%

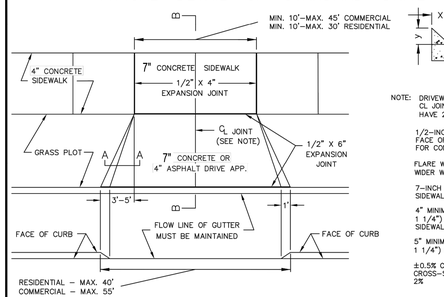
Thickness	1st Lower Course	2nd Lower Course	Upper Course	Dense Aggregate Base:
4-Inch	2 1/2-Inch HMA Pavement, Type E-0.3, 19.0mm, PG 64-28	None	1 1/2-Inch HMA Pavement, Type E-0.3, 9.5 mm, PG 64-28	10-Inch
5-Inch	3 1/2-Inch HMA Pavement, Type E-1, 19.0mm, PG 64-28	None	1 1/2-Inch HMA Pavement, Type E-1, 9.5 mm, PG 64-28	10-Inch
6-Inch	2 1/2-Inch HMA Pavement, Type E-3, 19.0 mm, PG 64-28	2-Inch HMA Pavement, Type E-3, 12.5mm, PG 64-28	1 1/2-Inch HMA Pavement, Type E-3, 9.5 mm, PG 64-28	12-Inch

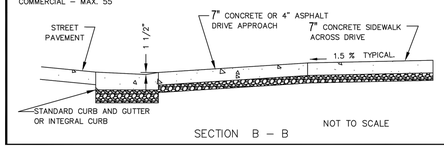
* Dense Aggregate-1 1/4" Crushed Stone or Crushed Concrete

TYPICAL X-SECTION OF HOT MIX ASPHALT (HMA)	
CITY OF WAUKESHA ENGINEERING DIVISION	
APPROVED BY: PAUL G. DAY, P.E. CITY ENGINEER	
APRIL, 2014 DATE	
CHECKED BY:	DRAWN BY:

D:\CADDATA\CURRENT TYPICALS\GROSS SECTIONS

TYPICAL DETAIL OF STANDARD DRIVE APPROACH





SECTION B – B

NOT TO SCALE

THE VALUE FOR X WILL VARY FROM 0" AT THE SIDEWALK TO 1' AT THE CURB.
THE VALUE FOR Y WILL VARY FROM 0" TO 6"

SECTION A – A

NOTE: DRIVEWAYS10-FT TO 20-FT WIDE SHALL HAVE ONE CL JOINT. DRIVEWAYS 21-FT TO 30-FT SHALL HAVE 2 (TWO) JOINTS EQUALLY SPACED.

1/2-INCH X 6-INCH EXPANSION JOINT AT THE FACE OF WALK AND BACK OF CURB IS REQUIRED FOR CONCRETE DRIVE APPROACH.

FLARE WIDTH 3-FT MIN. TO 5-FT MAX. (CAN BE WIDER WITH APPROVAL OF THE CIT ENGINEER).

7-INCH CONCRETE ALLOWED FOR APPROACH AND SIDEWALK FOR HEAVY TRAFFIC.

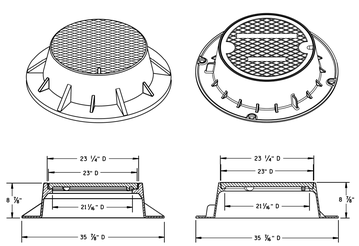
4" MINIMUM OF DENSE AGGREGATE BASE (3/4" OR 1 1/4") REQUIRED UNDER APPROACH AND SIDEWALK

5" MINIMUM OF DENSE AGGREGATE BASE (3/4" OR 1 1/4") REQUIRED UNDER CURB AND GUTTER

±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS-SLOPE. CROSS SLOPE SHALL NOT EXCEED 2%

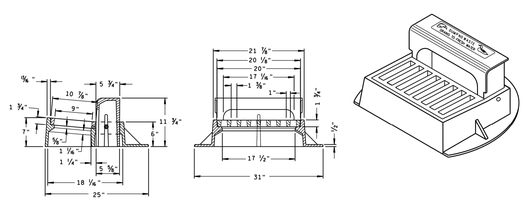
TYPICAL DETAIL OF STANDARD DRIVE APPROACH	
CITY OF WAUKESHA ENGINEERING DIVISION	
APPROVED BY: PAUL G. DAY, P.E. CITY ENGINEER	
AUGUST 2014 DATE	
CHECKED BY:	DRAWN BY: B.S.S.

D:\CADDATA\CURRENT TYPICALS\DRIVE APPROACH.dwg



TYPE "J"

NOTE: EITHER CASTING IS ACCEPTABLE



TYPE "Z"

ISG

WISCONSIN
10/03/2016
WILLIAM A.
KRATT
40457-006
LA CROSSE
PROFESSIONAL ENGINEER

KWIK TRIP
KWIK STAR

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PROJECT

KWIK TRIP EXPRESS #527

1700 PEWAUKEE ROAD
WAUKESHA, WI 53188

WAUKESHA WISCONSIN

REVISION SCHEDULE

DATE	DESCRIPTION	BY
10/06/2016	PLAN REVIEW COMMENTS	KBR

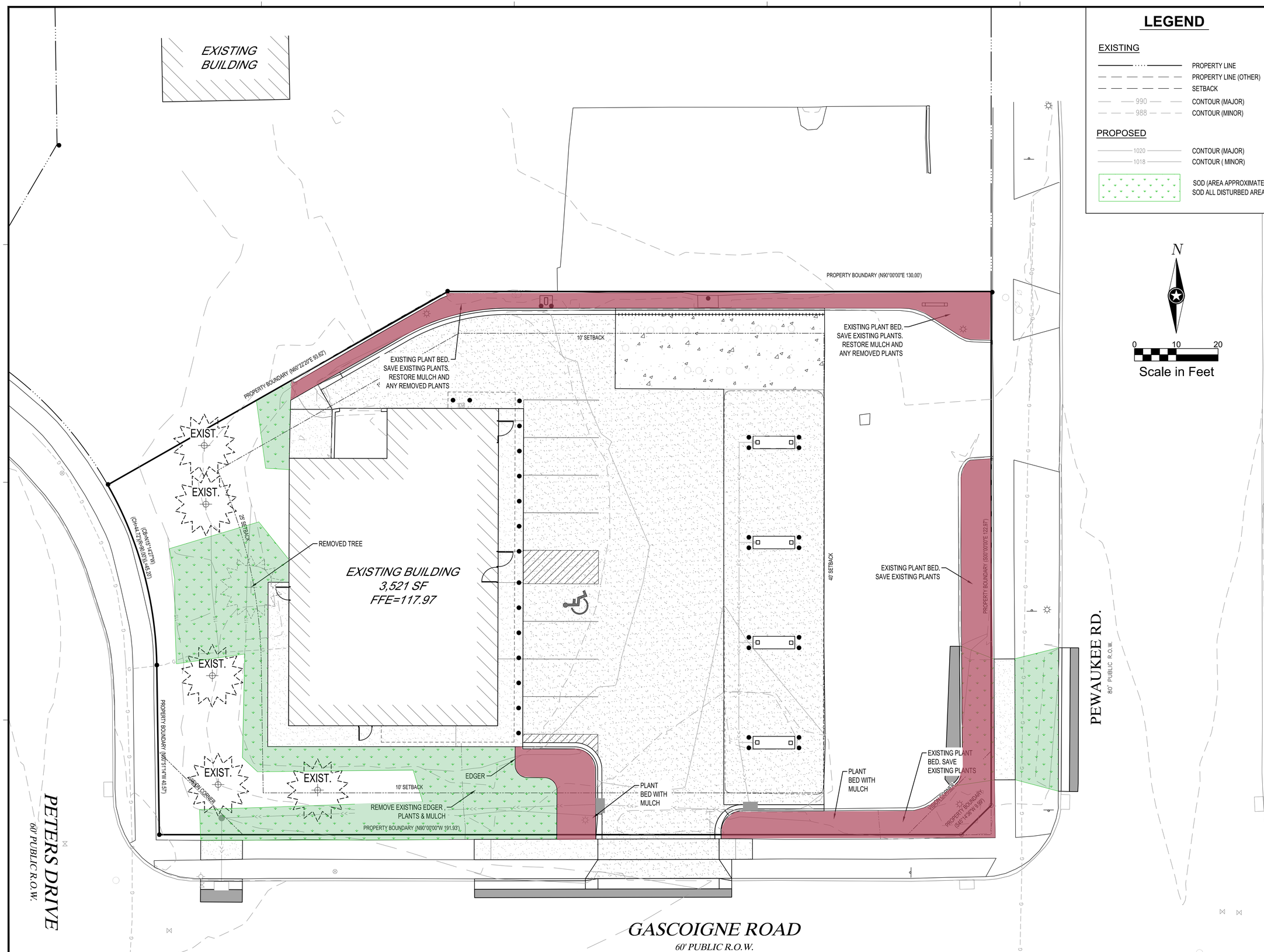
PROJECT NO.	16-19524
FILE NAME	19524 C5-DETAILS
DRAWN BY	CLF
DESIGNED BY	KBR
REVIEWED BY	WAK
ORIGINAL ISSUE DATE	10/03/2016
CLIENT PROJECT NO.	-

TITLE

SITE DETAILS

SHEET

C-501



LEGEND

EXISTING

- PROPERTY LINE
- PROPERTY LINE (OTHER)
- SETBACK
- 990 CONTOUR (MAJOR)
- 988 CONTOUR (MINOR)

PROPOSED

- 1020 CONTOUR (MAJOR)
- 1018 CONTOUR (MINOR)
- SOD (AREA APPROXIMATE) SOD ALL DISTURBED AREAS

N

0 10 20

Scale in Feet

ISG

WISCONSIN 10/03/2016 WILLIAM A. KRATT 40457-006 LA CROSSE, WI PROFESSIONAL ENGINEER

KWIK TRIP KWIK STAR

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PROJECT

1700 PEWAUKEE ROAD WAUKESHA, WI 53188

WAUKESHA WISCONSIN

REVISION SCHEDULE

DATE	DESCRIPTION	BY

PROJECT NO.	16-19524
FILE NAME	19524 C6-LANDSCAPE
DRAWN BY	CWT
DESIGNED BY	CWT
REVIEWED BY	WAK
ORIGINAL ISSUE DATE	10/03/2016
CLIENT PROJECT NO.	-

TITLE

RESTORATION PLAN

SHEET

C-600

PLANT SCHEDULE

QTY	KEY	COMMON NAME / *Latin name*	SIZE	ROOT	NOTE
1	BS	BLACK HILLS SPRUCE *Picea glauca*	6' HT.	B.B.	
5	FDD	FIREDANCE DOGWOOD *Cornus sericea 'Bailadeline'*	24" HT.	CONT.	
9	FRG	FEATHER REED GRASS *Calamagrostis x acutiflora 'Karl Foerster'*	4"	POT	
7	GMS	GOLDMOUND SPIREA *Spiraea x bumalda 'goldmound'*	16" HT.	CONT.	
4	TGA	TECHNY GLOBE ARBORVITAE *Thuja occidentalis 'Techny Globe'*	24" HT.	CONT.	

LEGEND

EXISTING

- PROPERTY LINE
- PROPERTY LINE (OTHER)
- SETBACK
- 990 CONTOUR (MAJOR)
- 988 CONTOUR (MINOR)

PROPOSED

- 1020 CONTOUR (MAJOR)
- 1018 CONTOUR (MINOR)

EXISTING PLANTS

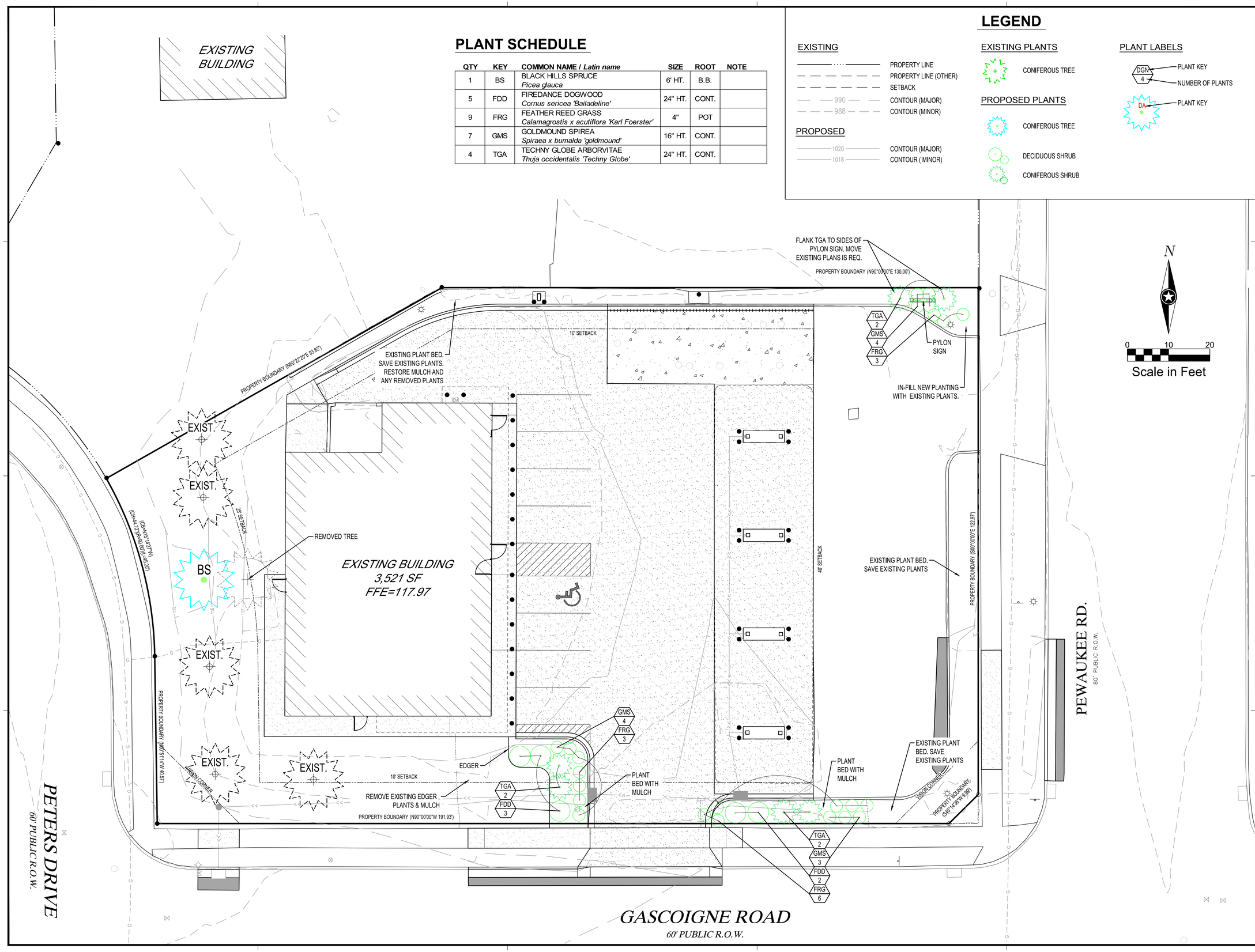
- CONIFEROUS TREE

PROPOSED PLANTS

- CONIFEROUS TREE
- DECIDUOUS SHRUB
- CONIFEROUS SHRUB

PLANT LABELS

- DGN / 4 — PLANT KEY / NUMBER OF PLANTS
- DA — PLANT KEY



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WISCONSIN 10/03/2016 WILLIAM A. KRATT 40457-006 LA CROSSE PROFESSIONAL ENGINEER

KWIK TRIP
KWIK STAR

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PROJECT

1700 PEWAUKEE ROAD WAUKESHA, WI 53188

WAUKESHA WISCONSIN

REVISION SCHEDULE

DATE	DESCRIPTION	BY

PROJECT NO.	16-19524
FILE NAME	19524 C6-LANDSCAPE
DRAWN BY	CWT
DESIGNED BY	CWT
REVIEWED BY	WAK
ORIGINAL ISSUE DATE	10/03/2016
CLIENT PROJECT NO.	-

TITLE

PLANTING PLAN

SHEET

C-601

TREE PLANTING NOTES

1. PRIOR TO DELIVERY TO THE SITE, THE CONTRACTOR SHALL LOCATE THE BUTTRESS ROOTS OR TRUNK FLARE OF EACH TREE. IF FLARE IS LOCATED MORE THAN 2" DOWN FROM THE TOP OF THE ROOTBALL, THE TREE IS REJECTED AND SHALL NOT BE DELIVERED TO THE SITE.
2. ONCE THE PROPERLY GROWN TREE IS DELIVERED TO THE SITE, MEASURE DISTANCE BETWEEN TOP OF THE BUTTRESS ROOTS AND THE BOTTOM OF THE ROOTBALL. SUBTRACT 2" TO DETERMINE DEPTH OF PLANTING PIT.
3. DIG PIT TO DEPTH DETERMINED ABOVE. PIT SHALL BE DISHED WITH SIDEWALLS AS SHOWN BELOW. SCARIFY WALLS AND BOTTOM OF PIT.
4. SET TREE IN PIT SO THAT THE FLARE IS ONE-TWO INCHES ABOVE SURROUNDING GRADE. IN ALL AREAS WITH HEAVY CLAY OR POORLY DRAINED SOILS (MOTTLING), CONTACT LANDSCAPE ARCHITECT. TREE MAY BE RELOCATED OR THE ROOTBALL FURTHER ELEVATED.
5. REMOVE ANY SOIL FROM TOP OF ROOTBALL TO EXPOSE TOP OF FLARE. THE LANDSCAPE ARCHITECT WILL NOT ACCEPT ANY TREE UNLESS THE FLARE IS VISIBLE.
6. BACKFILL PLANTING PIT TO WITHIN 12" OF GRADE AND THOROUGHLY WATER.
7. REMOVE BURLAP, WIRE, AND ALL ROPE FROM THE TOP 12" OF THE ROOTBALL
8. BACKFILL TO THE TOP OF THE ROOTBALL
9. DO NOT CREATE WATERING RING
10. CONTACT OWNER'S REPRESENTATIVE TO INSPECT PLANTING PRIOR TO PLACING ANY MULCH OVER THE ROOT BALL.

CONTAINER GROWN TREES

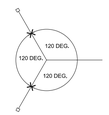
1. LOCATE BUTTRESS ROOTS (SEE NOTES ABOVE).
2. REMOVE EXCESS SOIL FROM TOP OF ROOT BALL TO EXPOSE TRUNK FLARE. MEASURE DEPTH OF ROOTBALL TO DETERMINE DEPTH OF PLANTING PIT.
3. TO ELIMINATE ENCIRCLING ROOTS, MAKE SEVERAL VERTICAL SLITS AROUND PERIMETER OF ROOT MASS FROM TOP TO BOTTOM OF THE ROOTBALL. DEPTH OF SLITS INTO THE ROOTBALL SHALL BE AT LEAST 2".

STAKING

GUY ASSEMBLY: 16" POLYPROPYLENE OR POLYETHYLENE (40 MIL) 1-1/2" WIDE STRIP- (TYP.) DOUBLE STRAND 14 GA WIRE & 3 STEEL STAKES OR SIGN POSTS @ 120 DEG. O.C. (SEE STAKING DIAGRAM).

CONTRACTOR SHALL STAKE TREES ONLY IF THE TREE(S) BEGIN TO LEAN WITHIN THE GUARANTEE PERIOD.

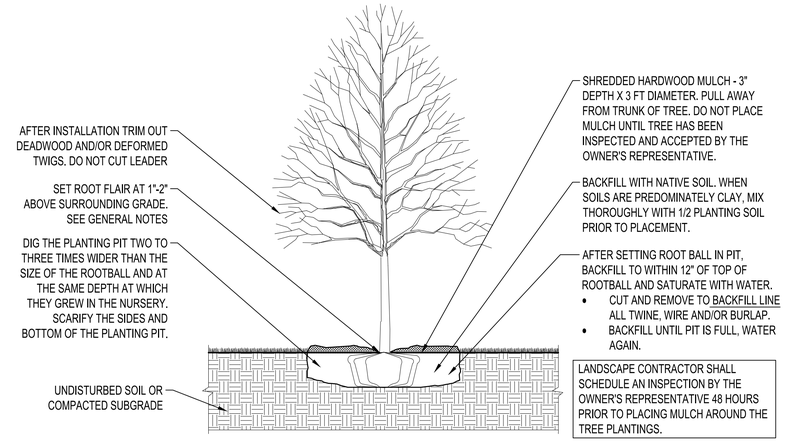
COORDINATE STAKING TO INSURE UNIFORM ORIENTATION OF GUY LINES AND STAKES.



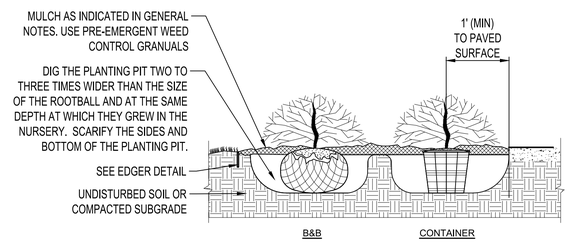
STAKING DIAGRAM

TREES WITH BE REJECTED FOR THE FOLLOWING REASONS:

-POOR FORM
-DAMAGED TRUNK
-BURIED ROOT FLARES
-ENCIRCLING TRANSPORT ROOTS
-UNCONSOLIDATED ROOTBALL SOIL (DUE TO EXCESSIVE HANDLING)



TREE PLANTING DETAIL
NOT TO SCALE

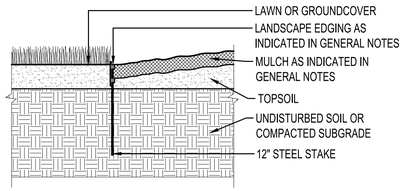


INSTALLATION NOTES:
1. REMOVE CONTAINER (BY CUTTING IF NCCCESARY)
2. IF ROOTS ARE GROWING IN A SPIRAL AROUND THE SOIL MASS, USE A SHARP KNIFE TO SCORE THE OUTSIDE OF SOIL MASS VERTICALLY, JUST DEEP ENOUGH TO CUT THE NET OF THE ROOTS, AND MAKE A CRISS-CROSS CUT ACROSS THE BOTTOM OF THE SOIL MASS.
3. BACKFILL PLANTING BED WITH ORIGINAL SOIL. BREAK UP CLODS OF SOIL. IF SOILS ARE POOR (IE: HEAVY CLAYS, SAND, OR COMPACTED), BACKFILL CAN BE A MIXTURE OF 1/3 SOIL AMENDMENT WITH 2/3 ORIGINAL SOIL. DO NOT USE PEAT AS PART OF BACKFILL IN CLAY SOILS. REMOVE ALL ROCKS AND DEBRIS FROM BACKFILL.
4. THOROUGHLY WATER TO SETTLE THE PLANTS AND FILL VOIDS WITHIN TWO HOURS OF PLANTING. INSTALL MULCH WITHIN 48 HOURS OF WATERING.

SHRUB PLANTING DETAIL
NOT TO SCALE

GENERAL PLANTING NOTES

1. COORDINATE LOCATION OF ALL UTILITIES (LINES, DUCTS, CONDUITS, SLEEVES, FOOTINGS, ETC.) WITH LOCATIONS OF PROPOSED LANDSCAPE ELEMENTS (FENCE, FOOTINGS, TREE ROOTBALLS, ETC.). CONTRACTOR SHALL REPORT ANY DISCREPANCIES TO OWNER'S REPRESENTATIVE PRIOR TO CONTINUING WORK.
2. SAVE AND PROTECT ALL EXISTING TREES NOT NOTED TO BE REMOVED.
3. REMOVE ALL CONSTRUCTION DEBRIS AND MATERIALS INJURIOUSTO PLANT GROWTH FROM PLANTING PITS AND BEDS PRIOR TO BACKFILLING WITH PLANTING MIX.
4. LAWN AREAS SHALL HAVE 6" MINIMUM DEPTH OF TOPSOIL. TOPSOIL SHALL BE COMPACTED TO 85% MAXIMUM DENSITY AT OPTIMUM MOISTURE CONTENT.
5. REFER TO PLANTING DETAILS PLAN FOR AMENDED SOIL DEPTH IN PLANTING BEDS AND SURROUNDING TREES. REFER TO SPECIFICATIONS FOR MIX TYPE.
6. FIELD STAKE PLANTINGS ACCORDING TO PLAN. OWNER'S REPRESENTATIVE SHALL APPROVE ALL PLANT LOCATIONS PRIOR TO INSTALLATION. OWNER RESERVES THE RIGHT TO REVISE PLANTING LAYOUT AT TIME OF INSTALLATION.
7. ALL PLANT MATERIALS SHALL BE TRUE TO THEIR SCIENTIFIC NAME AND SIZE AS INDICATED IN THE PLANT SCHEDULE.
8. IF DISCREPANCIES EXIST BETWEEN THE NUMBER OF PLANTS DRAWN ON THE PLANTING PLAN AND THE NUMBER OF PLANTS IN THE SCHEDULE, THE PLANTING PLAN SHALL GOVERN.
9. OWNER RESERVES THE RIGHT TO REVISE QUANTITIES TO SUIT BUDGET LIMITATIONS. CONTRACTOR'S UNIT BID PRICES SHALL PREVAIL FOR ANY CHANGES IN QUANTITIES.
10. ANY PROPOSED SUBSTITUTIONS OF PLANT SPECIES SHALL BE MADE WITH PLANTS OF EQUIVALENT OVERALL FORM, HEIGHT, BRANCHING HABIT, FLOWER, LEAF, COLOR, FRUIT AND CULTURE, AND ONLY AFTER WRITTEN APPROVAL OF THE OWNER'S REPRESENTATIVE AND OWNER.
11. ALL PLANT MATERIALS MUST CONFORM TO AMERICAN STANDARDS FOR NURSERY STOCK (A.N.S.I.), LATEST EDITION PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN, WASHINGTON D.C. LARGER SIZED PLANT MATERIALS OF THE SPECIES LISTED MAY BE USED IF THE STOCK CONFORMS TO A.N.S.I.
12. PROVIDE SHREDDED HARDWOOD MULCH, NATURAL COLOR, IN ALL PLANTING BEDS AND A MINIMUM 2' DIAMETER SURROUNDING ALL PROPOSED TREES TO A 3-INCH MINIMUM DEPTH. APPLY PRE-EMERGENT TO ALL PLANTING BEDS PRIOR TO MULCHING.
13. ALL PLANT MATERIAL SHALL BE GUARANTEED TO BE IN A LIVE AND HEALTHY GROWING CONDITION FOR ONE FULL GROWING SEASON (ONE YEAR) AFTER FINAL PROJECT ACCEPTANCE OR SHALL BE REPLACED FREE OF CHARGE WITH THE SAME GRADE AND SPECIES. ALL TREES SHALL HAVE A STRONG CENTRAL LEADER.
14. CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGE DUE TO OPERATIONS INSIDE AND OUTSIDE OF THE CONTRACT LIMIT LINE. ANY AREAS OUTSIDE THE LIMIT OF WORK THAT ARE DISTURBED SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT NO ADDITIONAL COST TO THE OWNER.
15. ALL PLANTING BEDS SHALL HAVE SPADE DUG EDGES, EXCEPT WHERE NOTED OTHERWISE.
16. PLANTING BED EDGING - USE 1/8" x 4" METAL EDGING IN ALL AREAS WHERE PLANTING BED MEETS LAWN AREAS OR WHERE INDICATED. USE 12" METAL SPIKES AS INSTRUCTED BY MANUFACTURER.
17. PROVIDE SHREDDED HARDWOOD MULCH, NATURAL COLOR, SURROUNDING ALL PROPOSED TREES TO A 3-INCH MINIMUM DEPTH AS SHOWN IN DETAIL. DO NOT USE AN UNDERLAYMENT SUCH AS PLASTIC SHEET OR LANDSCAPE FABRIC. APPLY PRE-EMERGENT TO ALL PLANTING BEDS PRIOR TO MULCHING.
18. PROVIDE SHREDDED HARDWOOD MULCH, NATURAL COLOR, IN ALL PLANTING BEDS 3-INCH MINIMUM DEPTH. DO NOT USE AN UNDERLAYMENT SUCH AS PLASTIC SHEET OR LANDSCAPE FABRIC. APPLY PRE-EMERGENT TO ALL PLANTING BEDS PRIOR TO MULCHING.
19. ALL TURF AREAS DISTURBED BY CONSTRUCTION SHALL BE SODDED PER WISDOT STANDARD SPECIFICATION 631. SOD SECTIONS SHALL BE NO SMALLER THAN 24" X 36" STAKED IN PLACE WITH BIODEGRADABLE SOD STAKES WHEN SLOPE IS STEEPER THAN 5:1 OR WHEN CONDITIONS REQUIRE.



EDGER DETAIL
NOT TO SCALE

ISG

WISCONSIN 10/03/2016 WILLIAM A. KRATT 40457-006 LA CROSSE, WI PROFESSIONAL ENGINEER

KWIK TRIP KWIK STAR

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PROJECT

1700 PEWAUKEE ROAD WAUKESHA, WI 53188

WAUKESHA WISCONSIN

REVISION SCHEDULE

DATE	DESCRIPTION	BY

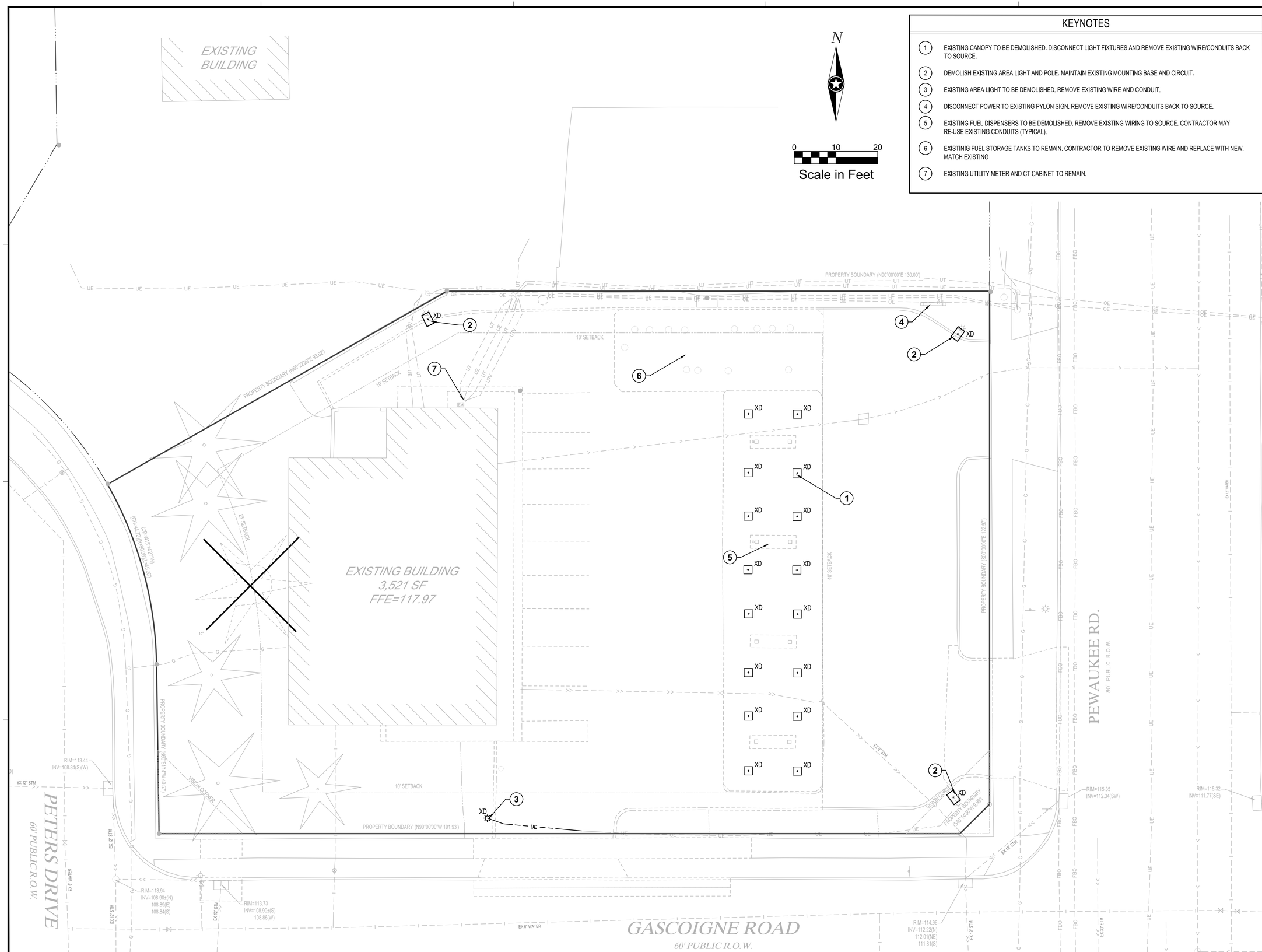
PROJECT NO.	16-19524
FILE NAME	19524 C6-LANDSCAPE
DRAWN BY	CWT
DESIGNED BY	CWT
REVIEWED BY	WAK
ORIGINAL ISSUE DATE	10/03/2016
CLIENT PROJECT NO.	-

TITLE

PLANTING NOTES & DETAILS

SHEET

C-602



KEYNOTES

1. EXISTING CANOPY TO BE DEMOLISHED. DISCONNECT LIGHT FIXTURES AND REMOVE EXISTING WIRE/CONDUITS BACK TO SOURCE.
2. DEMOLISH EXISTING AREA LIGHT AND POLE. MAINTAIN EXISTING MOUNTING BASE AND CIRCUIT.
3. EXISTING AREA LIGHT TO BE DEMOLISHED. REMOVE EXISTING WIRE AND CONDUIT.
4. DISCONNECT POWER TO EXISTING PYLON SIGN. REMOVE EXISTING WIRE/CONDUITS BACK TO SOURCE.
5. EXISTING FUEL DISPENSERS TO BE DEMOLISHED. REMOVE EXISTING WIRING TO SOURCE. CONTRACTOR MAY RE-USE EXISTING CONDUITS (TYPICAL).
6. EXISTINIG FUEL STORAGE TANKS TO REMAIN. CONTRACTOR TO REMOVE EXISTING WIRE AND REPLACE WITH NEW. MATCH EXISTING
7. EXISTING UTILITY METER AND CT CABINET TO REMAIN.

ISG

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KWIK STAR

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PROJECT

KWIK TRIP EXPRESS #527

1700 PEWAUKEE ROAD
WAUKESHA, WI 53188

WAUKESHA WISCONSIN

REVISION SCHEDULE

DATE	DESCRIPTION	BY

PROJECT NO.	16-19524
FILE NAME	19524 E6-ELECTRICAL
DRAWN BY	CLF
DESIGNED BY	KBR
REVIEWED BY	WAK
ORIGINAL ISSUE DATE	10/03/2016
CLIENT PROJECT NO.	-

TITLE

SITE LIGHTING REMOVAL PLAN

SHEET

E-600

LIGHT FIXTURE SCHEDULE

TYPE	MANUFACTURER/STYLE	REMARKS
A	LSI LIGHTING - CRU SERIES CANOPY LIGHT	RECESS MOUNT TO OVERHEAD CANOPY
Z	LSI LIGHTING - XLCS SERIES AREA LIGHT	INSTALL ON 16' POLE / FULL CUT-OFF

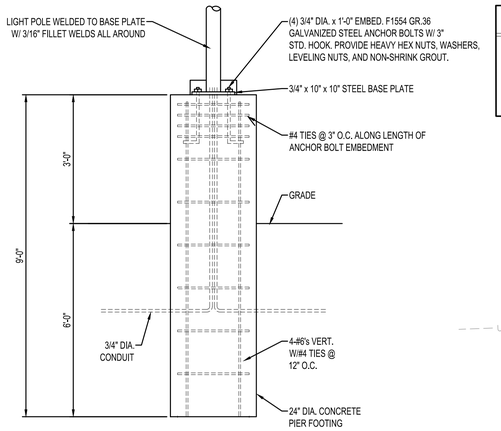
* REFER TO ELECTRICAL SHEETS FOR DETAILED SCHEDULE

KEYNOTES

1. CONTRACTOR TO PROVIDE NEW CONDUITS FOR PYLON SIGN, CANOPY, LIGHTING, AND FUEL DISPENSERS. CIRCUITS/CONDUITS SHALL BE DIRECTIONAL BORED WHERE REQUIRED.

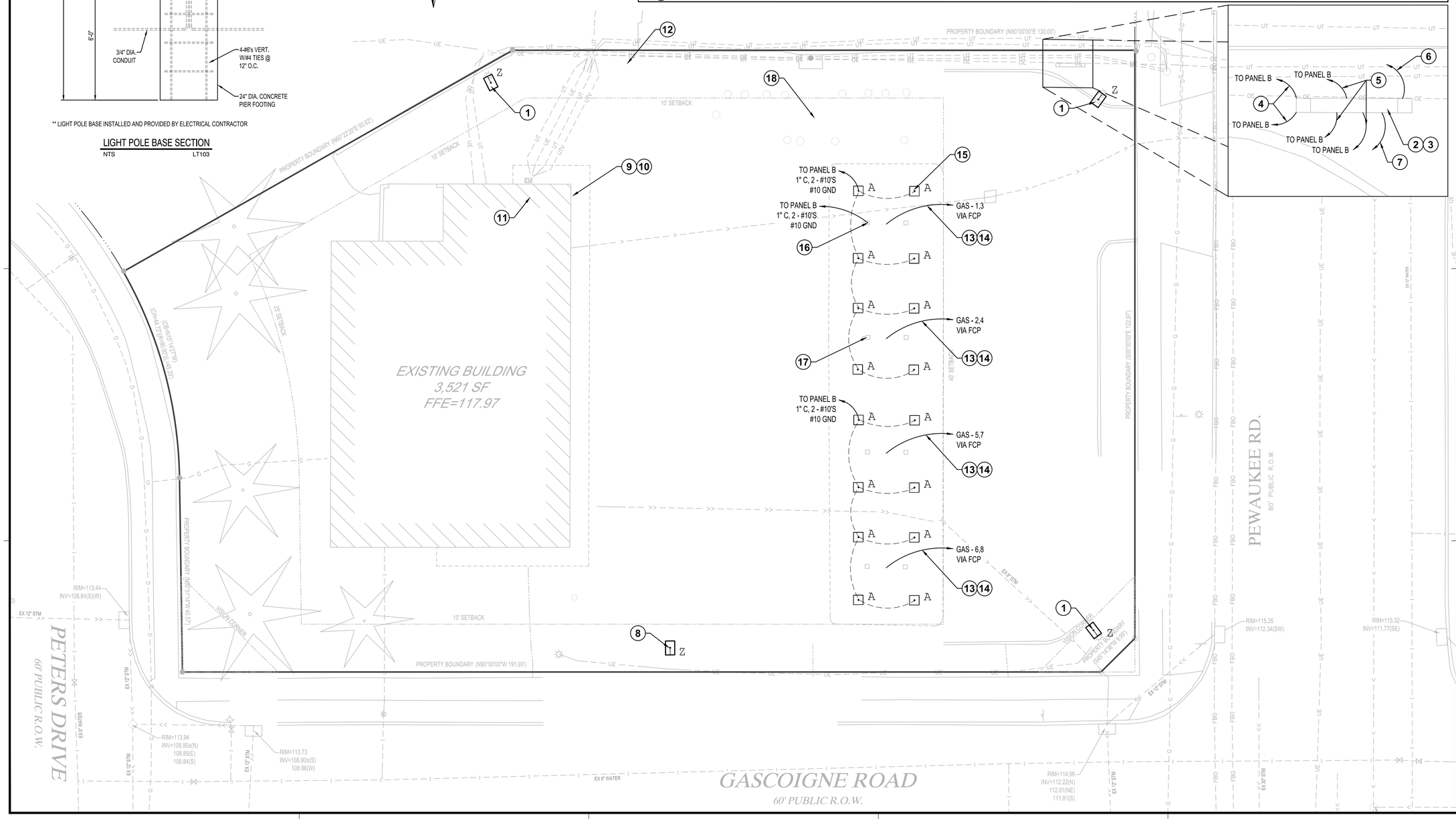
KEYNOTES

1. REMOVE AND REPLACE EXISTING LIGHT FIXTURE AND POLE. REFER TO ELECTRICAL SHEETS FOR LIGHT FIXTURE SCHEDULE. REUSE EXISTING MOUNTING BASE AS NEEDED.
2. PROVIDE 1" SPARE CONDUIT FROM BACK ROOM TO PYLON SIGNAGE FOR FUTURE USE. PROVIDE PULL STRINGS IN CONDUIT.
3. CONTRACTOR TO INSTALL (2) GROUNDING RODS FOR PYLON SIGN. PROVIDE BONDING JUMPER TO GROUNDING TERMINAL WITHIN PYLON SIGN.
4. PROVIDE 1" CONDUIT WITH (2) 2-#10S AND #10 GND FOR SIGN MESSAGE CENTER. ROUTE THROUGH FUEL CONTROL PANEL.
5. PROVIDE 1" CONDUIT WITH (3) 2-#10S AND #10 GND FOR KWIK TRIP SIGN, WEATHER-PROOF RECEPTACLE, AND LED PRICER SIGN. ROUTE THROUGH FUEL CONTROL PANEL.
6. PROVIDE 1 1/2" CONDUIT TO PC CABINET LOCATION FOR FIBER OPTIC CABLE. CONTRACTOR TO PULL FIBER CABLE. SIGN SUPPLIER TO PROVIDE FIBER CABLE AND CONNECTIONS.
7. PROVIDE 1" CONDUIT WITH SHIELDED 8-WIRE (18 AWG) TO STORE PC CABINET. CONNECTIONS BY SIGN INSTALLER.
8. PROVIDE 1" CONDUIT WITH 2-#10S AND #10 GROUND FOR NEW SITE POLE LOCATION. CONNECT TO EXISTING SITE LIGHTING CIRCUIT. PROVIDE 3' ABOVE GRADE CONCRETE MOUNTING BASE.
9. APPROXIMATE LOCATION FOR REMOTE TAN OVERFILL ALARM, REFER TO POWER PLANS FOR CONNECTIONS.
10. APPROXIMATE LOCATION FOR FUEL EMERGENCY STOP DEVICE, REFER TO POWER PLANS FOR CONNECTIONS.
11. APPROXIMATE LOCATIONS FOR ELECTRICAL PANELS AND FUEL CONTROL DEVICES.
12. PROVIDE 1" CONDUIT STUBBED UP 4" ABOVE GRADE WITH WEATHERPROOF DUPLEX RECEPTACLE FOR AIR COMPRESSOR POWER CIRCUIT. VERIFY COMPRESSOR LOCATION WITH OWNER PRIOR TO WORK.
13. PROVIDE 1" CONDUIT WITH 6-#12S FOR FUEL DISPENSER POWER WIRING. WIRING TO BE ROUTED THROUGH FUEL CONTROL PANEL. REFER TO FUEL DISPENSER WIRE DETAIL ON SHEET E-603.
14. PROVIDE 1" CONDUIT WITH 1-#12 GROUND AND (2) 2-WIRE TWISTED PAIR 16 AWG FOR FUEL DISPENSER GROUNDING AND CONTROL WIRE. WIRE TO BE ROUTED THROUGH FUEL CONTROL PANEL. REFER TO FUEL DISPENSER WIRE DETAIL ON SHEET E-603.
15. CANOPY LIGHT FIXTURES TO BE RECESS MOUNTED TO NEW FUEL CANOPY (TYPICAL).
16. ROUTE CONDUIT FOR CANOPY LIGHTED SIGNAGE THROUGH COLUMN. REFER TO CANOPY CONDUIT STUB DIAGRAM FOR DETAIL.
17. PROVIDE SPARE 1" CONDUIT FROM GAS CANOPY TO BACKROOM FOR FUTURE USE. REFER TO CANOPY CONDUIT STUB DIAGRAM FOR DETAIL. PROVIDE PULL STRINGS AND CONDUIT CAP.
18. REPLACE EXISTING FUEL STORAGE TANK WIRING WITH NEW. MATCH EXISTING.



** LIGHT POLE BASE INSTALLED AND PROVIDED BY ELECTRICAL CONTRACTOR

LIGHT POLE BASE SECTION
NTS LT103



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KWIK STAR

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PROJECT

KWIK TRIP EXPRESS #527

1700 PEWAUKEE ROAD
WAUKESHA, WI 53188

WAUKESHA WISCONSIN

REVISION SCHEDULE

DATE	DESCRIPTION	BY

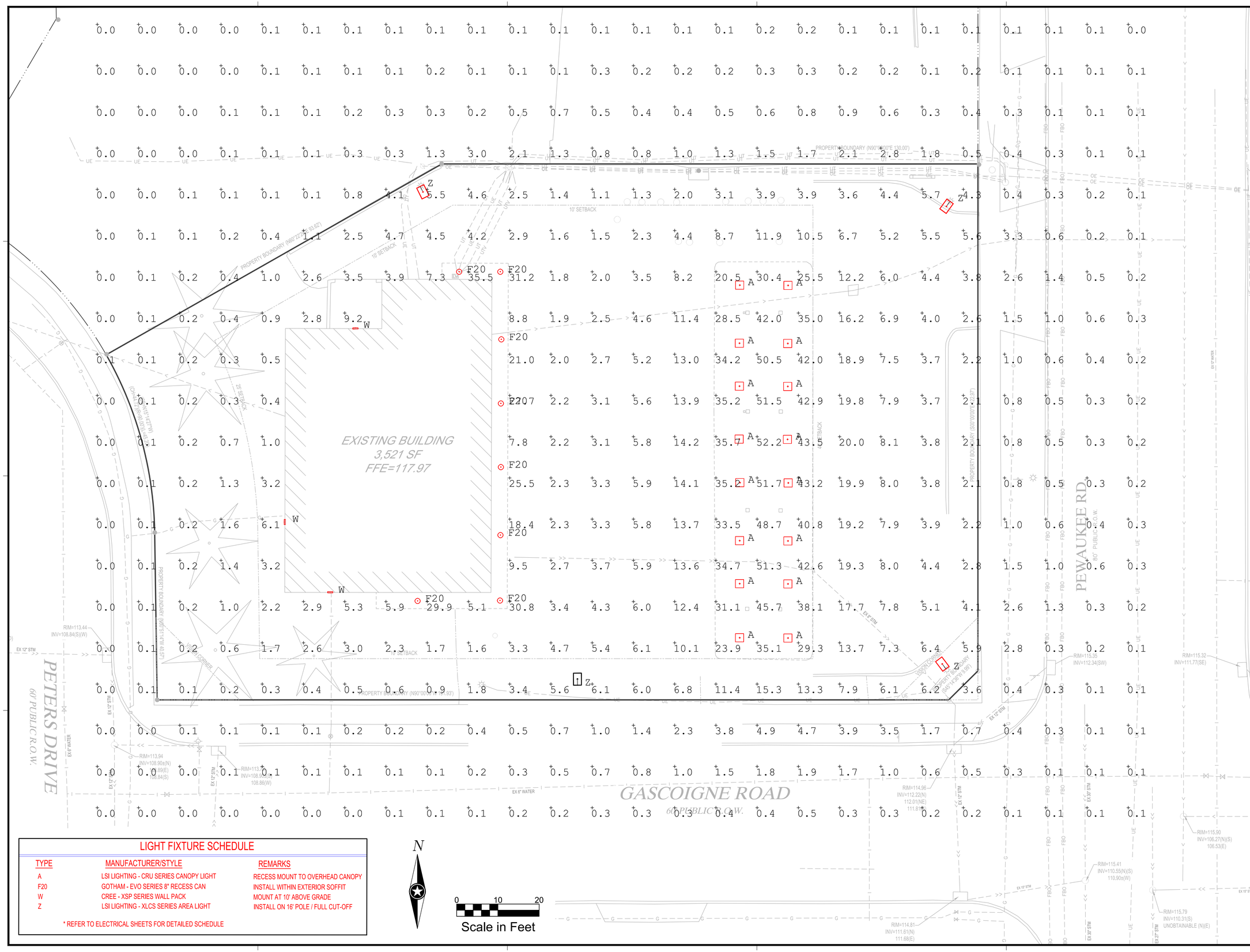
PROJECT NO.	16-19524
FILE NAME	19524 E6-ELECTRICAL
DRAWN BY	CLF
DESIGNED BY	KBR
REVIEWED BY	WAK
ORIGINAL ISSUE DATE	10/03/2016
CLIENT PROJECT NO.	-

TITLE

SITE LIGHTING PLAN

SHEET

E-601



LIGHT FIXTURE SCHEDULE

TYPE	MANUFACTURER/STYLE	REMARKS
A	LSI LIGHTING - CRU SERIES CANOPY LIGHT	RECESS MOUNT TO OVERHEAD CANOPY
F20	GOTHAM - EVO SERIES 8" RECESS CAN	INSTALL WITHIN EXTERIOR SOFFIT
W	CREE - XSP SERIES WALL PACK	MOUNT AT 10' ABOVE GRADE
Z	LSI LIGHTING - XLCS SERIES AREA LIGHT	INSTALL ON 16' POLE / FULL CUT-OFF

* REFER TO ELECTRICAL SHEETS FOR DETAILED SCHEDULE

N

0 10 20
Scale in Feet

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PROJECT

KWIK TRIP EXPRESS #527

1700 PEWAUKEE ROAD
WAUKESHA, WI 53188

WAUKESHA WISCONSIN

REVISION SCHEDULE

DATE	DESCRIPTION	BY

PROJECT NO.	16-19524
FILE NAME	19524 E6-ELECTRICAL
DRAWN BY	CLF
DESIGNED BY	KBR
REVIEWED BY	WAK
ORIGINAL ISSUE DATE	10/03/2016
CLIENT PROJECT NO.	-

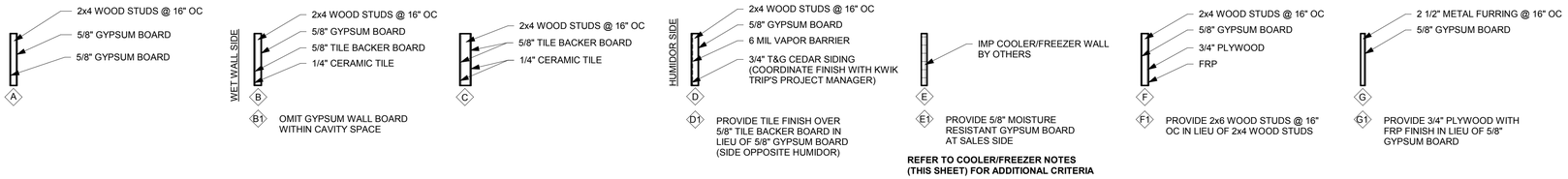
TITLE

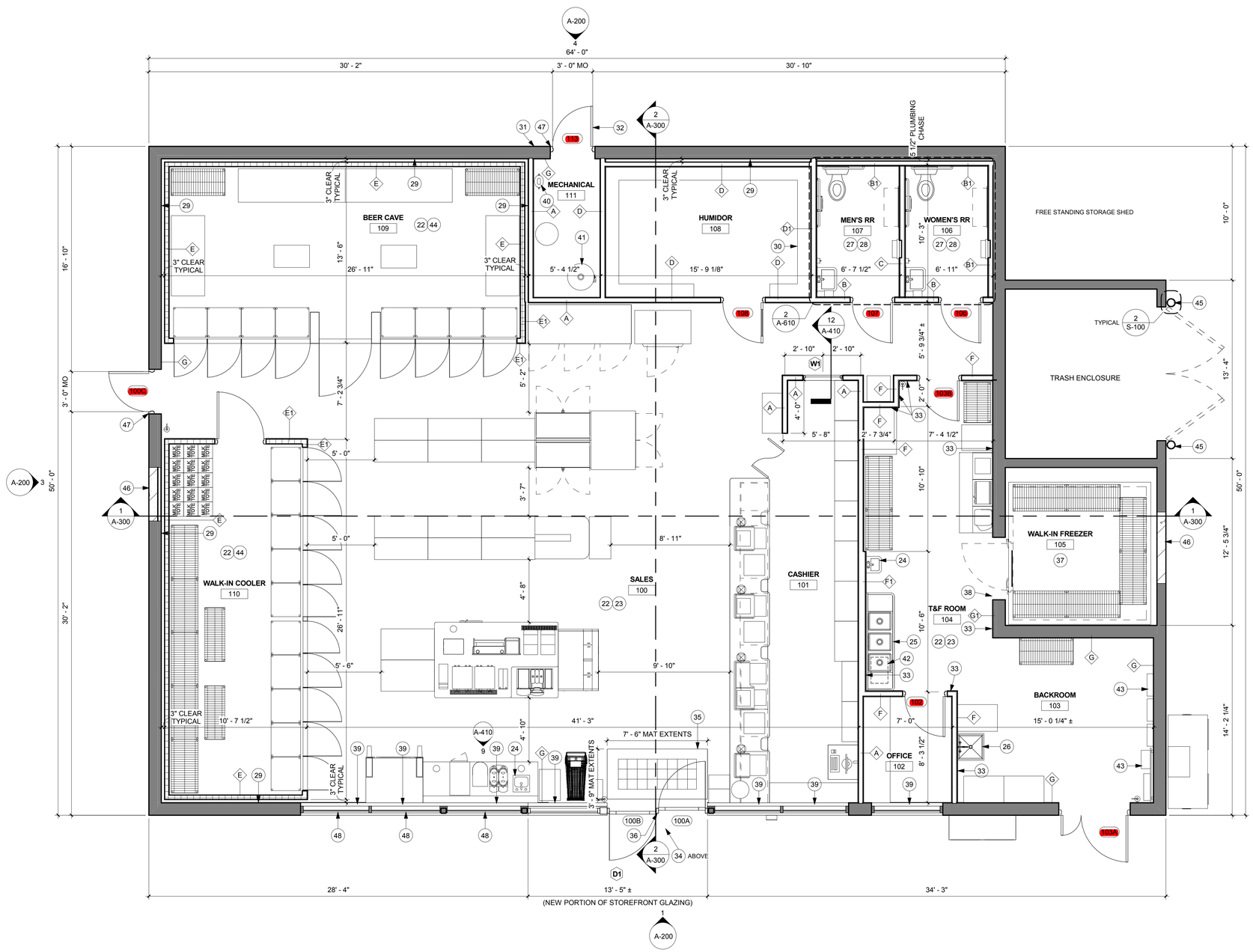
PHOTOMETRIC PLAN

SHEET

E-602

WALL TYPES LEGEND





1 FIRST FLOOR PLAN
1/4" = 1'-0"

WALL LEGEND

EXISTING CONSTRUCTION TO REMAIN

NEW CONSTRUCTION

KEYNOTE LEGEND

22	NEW CASEWORK. REFER TO FIXTURE AND EQUIPMENT PLAN, TYPICAL.
23	NEW FOOD SERVICE EQUIPMENT. REFER TO FIXTURE AND EQUIPMENT PLAN, TYPICAL.
24	NEW HANDSINK, REFER TO PLUMBING DOCUMENTS.
25	NEW 3 COMPARTMENT SINK, REFER TO PLUMBING DOCUMENTS
26	NEW MOPSINK, REFER TO PLUMBING DOCUMENTS
27	NEW PLUMBING FIXTURES AND RESTROOM ACCESSORY FIXTURES. REFER TO PLUMBING PLANS.
28	PROVIDE CERAMIC TILE OVER 5/8" TILE BACKER BOARD FROM FLOOR TO UNDERSIDE OF BULKHEAD ABOVE. REFER TO FINISH PLAN AND INTERIOR ELEVATIONS.
29	PROVIDE 5/8" DENSGLASS GYPSUM BOARD BEHIND COOLER AND HUMIDOR WALLS FOR PROTECTION AGAINST MOLD.
30	CEDAR SHELVING. COORDINATE WITH KWIK TRIP'S PROJECT MANAGER.
31	CO2 FILL STATION AND SIGNAGE PROVIDED BY CO2 EQUIPMENT MANUFACTURER. COORDINATE EXACT PLACEMENT WITH KWIK TRIP'S PROJECT MANAGER.
32	PROVIDE CO2 SIGNAGE. REFER TO C02 SIGNAGE DETAIL SHEET A-410.
33	PROVIDE FRP FINISH OVER 3/4" PLYWOOD SHEATHING (WET WALLS). REFER TO WALL TYPES LEGEND AND FINISH PLAN.
34	NEW STOREFRONT SIGNAGE, COORDINATE CRITERIA WITH KWIK TRIP'S PROJECT MANAGER AND SIGN VENDOR
35	FLOOR MAT CENTERED ON ENTRY. PROVIDE RECESS 3/4" LARGER (LENGTH AND WIDTH) THAN WALK OFF MAT TO ACCOUNT FOR METAL TRIM AND REQUIRED SPACING. REFER TO FLOOR PLAN, SLAB / CONTROL JOINT PLAN, AND WALK-OFF MAT DETAIL.
36	NEW ENTRY DOORS, FRAME, AND ALL ASSOCIATED HARDWARE. REFER TO DOOR SCHEDULE AND HARDWARE GROUPS.
37	WALK-IN FREEZER (SET ON SLAB). VERIFY CRITERIA WITH FREEZER ERECTION DRAWINGS BY OTHERS.
38	NEW OPENING IN EXISTING WALL. CONFIRM SIZE AND PLACEMENT WITH FREEZER/COOLER MANUFACTURER.
39	NEW SOLID SURFACE WINDOW SILL. REFER TO FINISH PLAN / FINISH SCHEDULE.
40	WATER METER. REFER TO MECHANICAL DOCUMENTS
41	WATER HEATER. REFER TO MECHANICAL DOCUMENTS
42	GREASE TRAP. REFER TO MECHANICAL DOCUMENTS
43	ELECTRICAL AND/OR FUEL PANELS. REFER TO MECHANICAL DOCUMENTS
44	COOLER/FREEZER WALLS, DOORS, AND ASSOCIATED HARDWARE BY OTHERS. COODINATE WITH KWIK TRIP'S PROJECT MANAGER AND COOLER VENDOR.
45	NEW GATE POSTS, FRAMING, AND TREX FENCE BOARDS. REFER TO ASSOCIATED DETAILS AND EXTERIOR ELEVATIONS. COORDINATE WITH KWIK TRIP'S PROJECT MANAGER.
46	PROVIDE 8" CMU INFILL IN EXISTING OPENING. PROVIDE BOND BEAM COURSE AT (3) LOCATIONS (BOTTOM, MIDDLE, AND TOP). REINFORCE BOND BEAM COURSES WITH (2) #4 BARS AND GROUT SOLID. GROUT AND REINFORCE VERTICAL CORES @ 24" OC WITH (1) #4 BAR VERTICALLY. PIN/DOWEL REINFORCEMENT INTO EXISTING ADJACENT WALLS AND FLOORS MIN 4" AND ADHERE WITH HILTI HY 200.
47	NEW OPENING IN EXISTING WALL. REFER TO STRUCTURAL DOCUMENTS FOR LINTEL CRITERIA.
48	PROVIDE OPAQUE WINDOW TINTING/SCREENING AT INTERIOR OF GLAZING. COORDINATE WITH KWIK TRIP'S PROJECT MANAGER.

COOLER AND FREEZER NOTES

1. VERIFY/PROVIDE 5/8" MOISTURE/MOLD RESISTANT GYPSUM FINISH AT WALLS BEHIND ALL COOLERS/FREEZERS.
2. ALL COOLER/FREEZER WALLS EXPOSED TO SALES FLOOR SHALL HAVE 5/8" MOISTURE/MOLD RESISTANT GYPSUM FINISH.
3. CONFIRM FINISH CRITERIA FOR ALL COOLER/FREEZER WALLS WITH KWIK TRIP'S PROJECT MANAGER PRIOR TO COMMENCING WORK.
4. VERIFY FLOOR SLAB CRITERIA WITH COOLER/FREEZER MANUFACTURER AND KWIK TRIP'S PROJECT MANAGER PRIOR TO COMMENCING WORK.

ISG

WISCONSIN ALYSSA F. CAMPBELL E-17268 WISC. ARCHITECT

KWIK TRIP
KWIK STAR

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PROJECT

KWIK TRIP EXPRESS #527
1700 PEWAUKEE ROAD
WAUKESHA, WI 53188

REVISION SCHEDULE

NO	DATE	DESCRIPTION

CLIENT PROJECT NO.	CP002694
FILE NAME	19524 Arch R17.rvt
DRAWN BY	ALF / RRW
DESIGNED BY	AFC
REVIEWED BY	AFC
ISSUE DATE	10/3/2016
PROJECT NO.	16-19524

TITLE

FLOOR PLAN

SHEET

A-111

N

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PROJECT FINISH NOTES

A.	SOME SPECIFIED PRODUCTS AND FINISHES MAY HAVE SUBSTANTIAL LEAD TIMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PLACING ORDERS IN A MANNER TO ENSURE THEIR TIMELY ARRIVAL. THE CONTRACTOR SHALL BE RESPONSBILE FOR EXPENSES, INCLUDING DESIGN FEES, RELATED TO ANY RESELECTIONS REQUIRED DUE TO FAILURE TO ORDER PRODUCTS IN A TIMELY MANNER.
B.	ALL FINISH WORK SHALL BE PERFORMED IN COMPLIANCE WITH DRAWINGS AND SPECIFICATIONS, SHOP DRAWINGS, SAMPLES, AND PRODUCT DATA SHALL BE SUBMITTED TO THE ARCHITECT FOR THEIR REVIEW PRIOR TO BEGINNING WORK.
C.	WOOD DOORS, FRAMES, BASE MOLDING TO BE FILLED, STAINED, SEALED AND SHOP FINISHED TO MATCH ARCHITECT'S SAMPLE. WORK SHOULD BE PERFORMED IN A DUST FREE ENVIRONMENT.
D.	UNLESS OTHERWISE INDICATED, PROVIDE PRODUCTS OF QUALITY SPEFCIFIED BY AWI/AWMAC/WI ARCHITECTURAL WOODWORK STANDARDS FOR CUSTOM GRADE.
E.	INSTALL WOOD BLOCKING AS REQUIRED IN ALL PARTITIONS TO RECEIVE COUNTERS, SHELVING, MARKERBOARDS, ETC.
F.	ALL EXPOSED ENDS OF CABINETS TO HAVE FINISHED END PANELS.
G.	VERIFY GROMMET LOCATIONS WITH OWNER.
H.	IN-WALL OR WALL SUPPORT BRACKETS TO BE PAINTED TO MATCH WALL FINISH, UNLESS NOTED OTHERWISE.
I.	APPLIANCES PROVIDED BY OWNER, INSTALLED BY CONTRACTOR.
J.	EXTEND ALL FLOORING UNDER FURNITURE, DESKS AND COUNTERS, UNLESS NOTED OTHERWISE. EXTEND ONLY TILE FLOORING UNDER CASEWORK, UNLESS NOTED OTHERWISE.
K.	ALL TRANSITIONS TO BE CENTERED UNDER DOOR IN CLOSED POSITION, UNLESS NOTED OTHERWISE.

FURNITURE PLAN SHEET NOTES

1. ALL FURNITURE SHOWN FOR REFERENCE ONLY. ALL FURNITURE TO BE PROVIDED AND INSTALLED BY OWNER UNLESS NOTED OTHERWISE. FINAL LOCATIONS AND TYPES OF FURNITURE TO BE DETERMINED BY OWNER.
2. PROVIDE AND INSTALL BLOCKING FOR ALL EQUIPMENT AND FIXTURES.

NOTE: ALL EQUIPMENT AND CASEWORK IS PROVIDED BY OWNER. COORDINATE WITH KWIK TRIP'S PROJECT MANGER FOR ALL EQUIPMENT/ CASEWORK RELATED QUESTIONS.

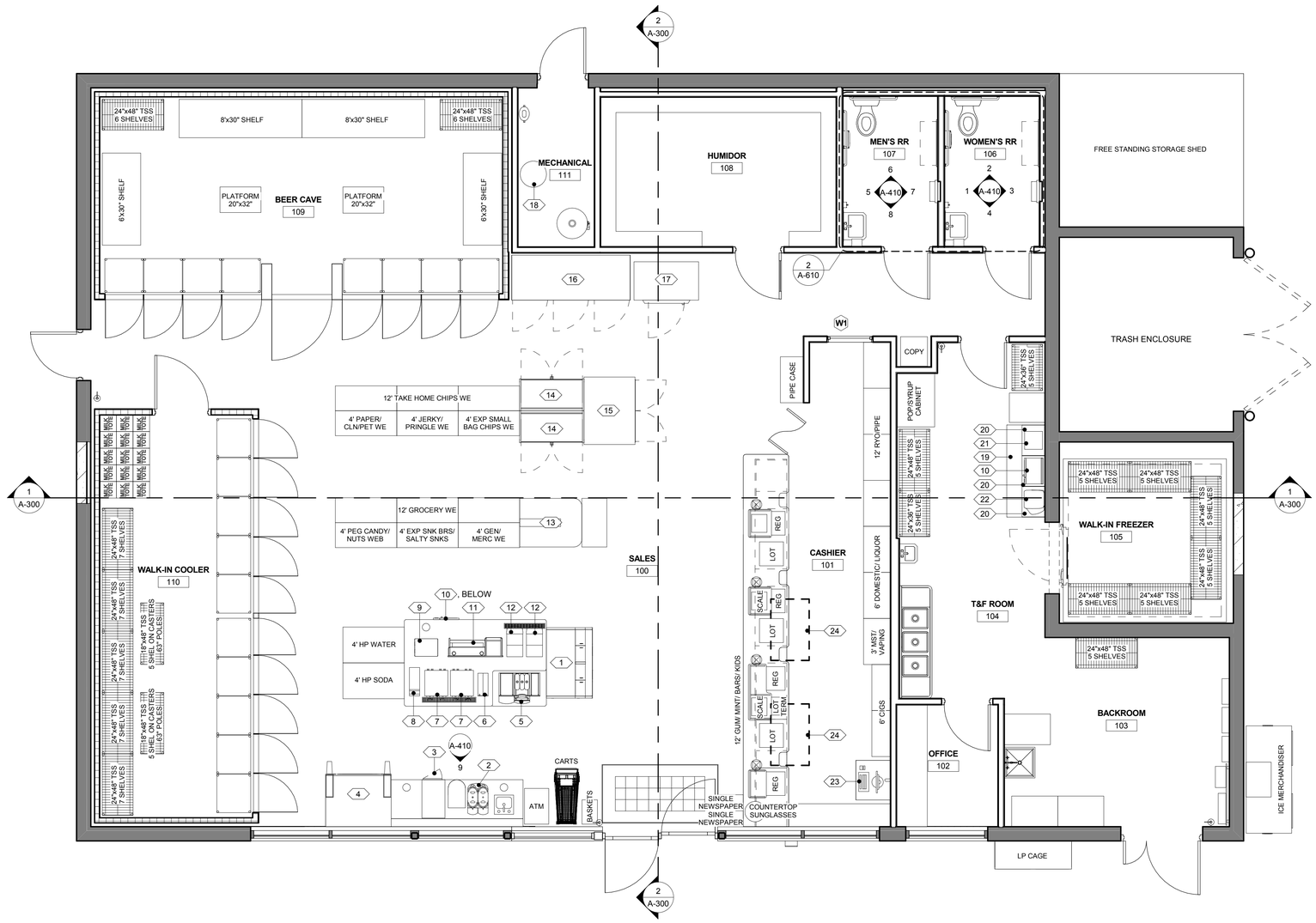
WALL LEGEND

EXISTING CONSTRUCTION TO REMAIN

NEW CONSTRUCTION

EQUIPMENT SCHEDULE

MARK	EQUIPMENT NAME
1	SMALL EURO BAKERY CASE
2	SLUSHEE MACHINE
3	FREAL BLENDING BAR
4	FOUNTAIN MACHINE
5	FOAMMASTER ESPRESSO MACHINE
6	COFFEE GRINDER
7	COFFEE BREWER
8	SURESHOT FLAVORSHOT 2
9	CREAMISER
10	MICROWAVE
11	CONDIMENT BIN
12	IMIX-3 MACHINE
13	BRODUCE
14	FRESH CASE
15	REFRIGERATED MEAT CASE
16	3 DOOR REACH IN COOLER
17	ICE MERCHANDISER
18	BULK CO2 STORAGE TANK
19	STAINLESS TABLE
20	MICROWAVE SHELF 24in
21	LABEL MAKER
22	SCALE
23	CPU CABINET
24	PACK RACK SHELVING



1 EQUIPMENT PLAN
1/4" = 1'-0"

N

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WISCONSIN ALYSSA F. CAMPBELL WISC. ARCHITECT

KWIK TRIP KWIK STAR

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PROJECT

KWIK TRIP EXPRESS #527
1700 PEWAUKEE ROAD
WAUKESHA, WI 53188

REVISION SCHEDULE

NO	DATE	DESCRIPTION

CLIENT PROJECT NO.	CP002694
FILE NAME	19524 Arch R17.rvt
DRAWN BY	ALF / RRW
DESIGNED BY	AFC
REVIEWED BY	AFC
ISSUE DATE	10/3/2016
PROJECT NO.	16-19524

TITLE

EQUIPMENT PLAN

SHEET

A-121

0 1/4" 1/2" 1" 2"

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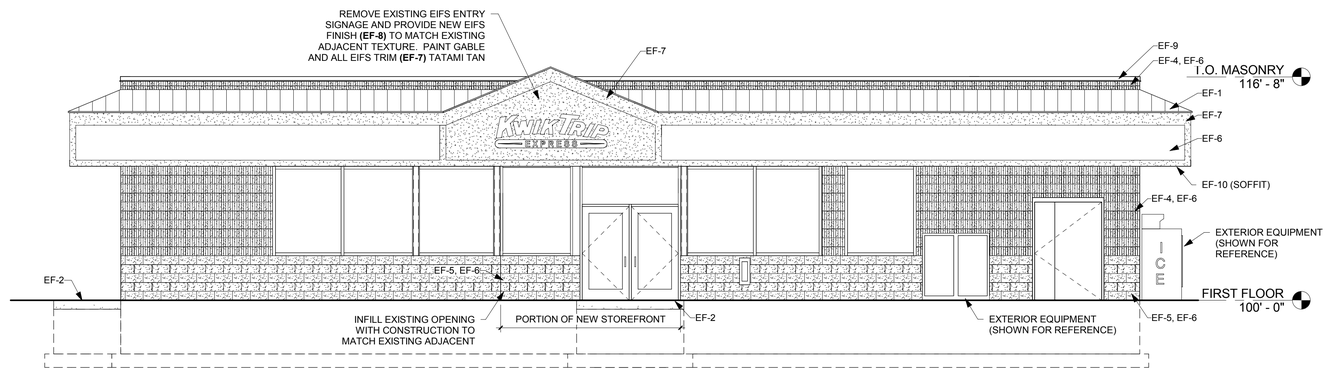
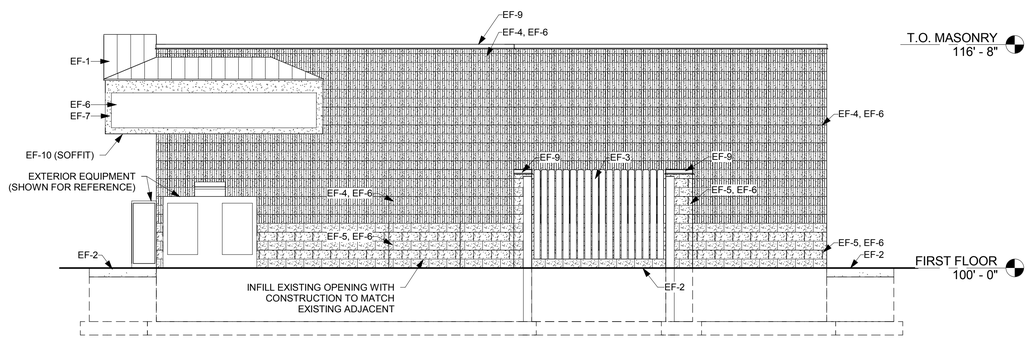
EXTERIOR FINISH SCHEDULE

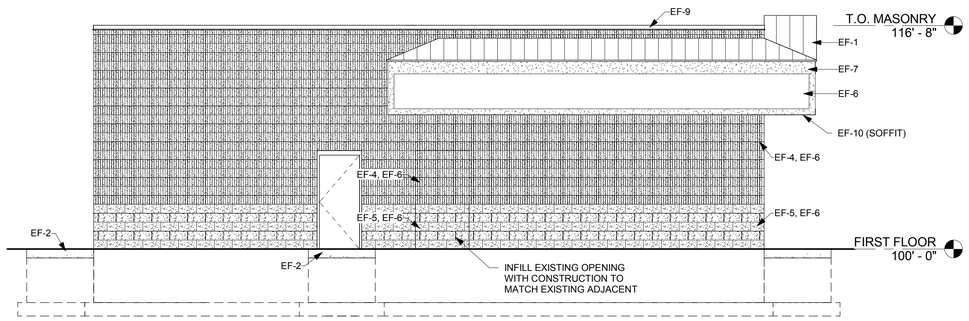
MARK	MATERIAL	COMPANY	PRODUCT	SIZE	COLOR	COMMENTS
EF-1	METAL PANEL (ROOFING)	-	EXISTING	EXISTING	EXISTING	
EF-2	SEALED CONCRETE		EXTERIOR CONCRETE SEALER			
EF-3	COMPOSITE FENCING	TREX	COMPOSITE FENCING	1" x 6"	COORDINATE WITH KT	
EF-4	FLUTED CMU	-	MATCH EXISTING	MATCH EXISTING	(2) COATS SHERWIN WILLIAMS "SHERLASTIC PAINT; COLOR #SW7051 (EF-6) ANALYTICAL GRAY	
EF-5	SPLIT FACE CMU	-	MATCH EXISTING	MATCH EXISTING	(2) COATS SHERWIN WILLIAMS "SHERLASTIC PAINT; COLOR #SW7051 (EF-6) ANALYTICAL GRAY	
EF-6	PAINT	SHERWIN WILLIAMS	"SHERLASTIC" ACRYLIC ELASTOMERIC COATING	-	(SW7051) ANALYTICAL GRAY	
EF-7	PAINT	SHERWIN WILLIAMS	"SHERLASTIC" ACRYLIC ELASTOMERIC COATING	-	(SW6116) TATAMI TAN	
EF-8	EIFS	DRYVIT	EIFS	-	DRYVIT - 392B COCONUT SHELL	
EF-9	METAL TRIM	FIRESTONE	PREFINISHED METAL FLASHING	MATCH EXISTING	MATCH EXISTING PARAPET CAP TRIM	EXISTING TRIM TO REMAIN, REPLACE ANY DAMAGED TRIM (VIF)
EF-10	PREFINISHED METAL	FIRESTONE	UNA-CLAD PREFINISHED METAL	VARIES	WHITE	SOFFIT AND ASSOCIATED TRIM



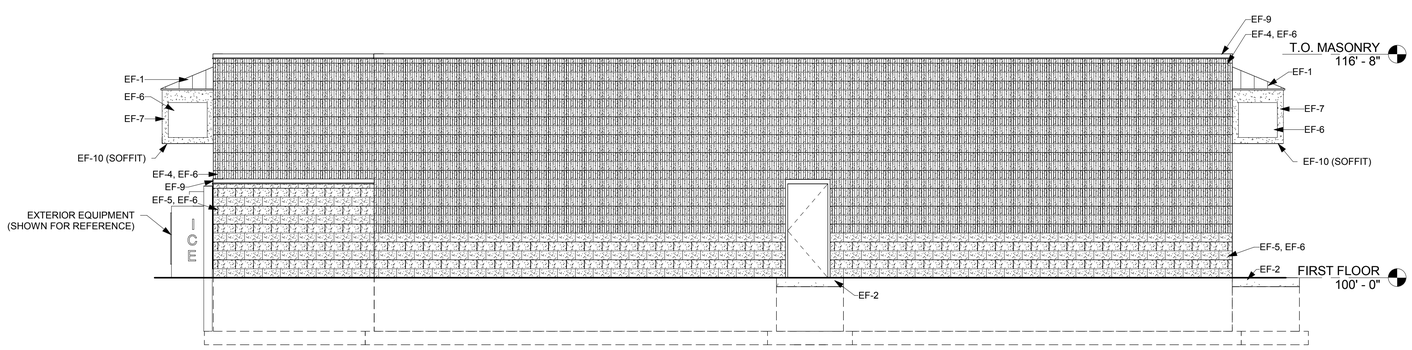
1 EAST ELEVATION
3/16" = 1'-0"



2 NORTH ELEVATION
3/16" = 1'-0"



3 SOUTH ELEVATION
3/16" = 1'-0"



4 WEST ELEVATION
3/16" = 1'-0"

0 1/4" 1/2" 1" 2"

10/3/2016 5:15:11 PM

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WISCONSIN ALYSSA F. CAMPBELL WISC. ARCHITECT

KWIK TRIP
KWIK STAR

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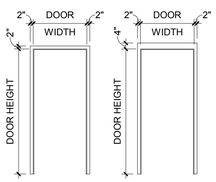
EXTERIOR ELEVATIONS

SHEET

A-200

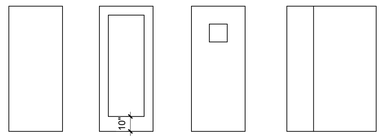
FRAME TYPES



1 METAL FRAME

2 METAL FRAME W/ MASONRY HEAD

DOOR TYPES

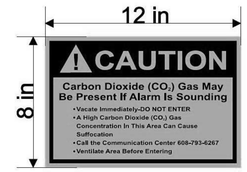


FL FLUSH

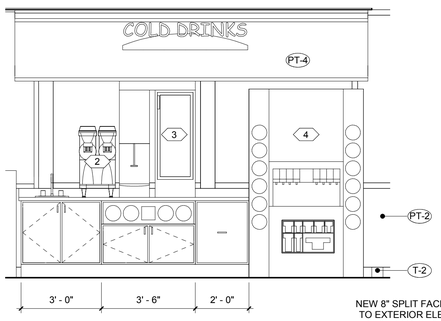
FG FULL GLASS

SL SECUIRTY LITE

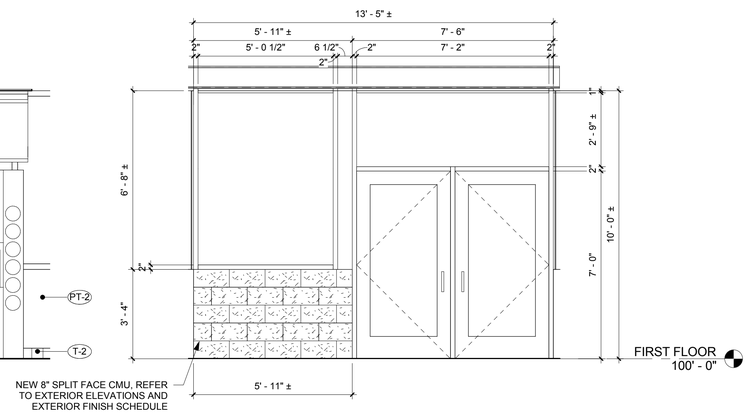
FL-UE FLUSH - UNEQUAL LEAF



11 CO2 WARNING SIGN
6" = 1'-0"



9 BAR ELEVATION
3/8" = 1'-0"



10 D1
3/8" = 1'-0"

DOOR SCHEDULE

MARK	WIDTH	HEIGHT	DOOR TYPE	DOOR MATERIAL	FRAME TYPE	FRAME MATERIAL	HDW GROUP	COMMENTS
100A	3' - 6"	7' - 0"	FG	ALUMINUM	1	ALUMINUM	1A	
100B	3' - 6"	7' - 0"	FG	ALUMINUM	1	ALUMINUM	1B	
100C	3' - 0"	7' - 0"	FL	HOLLOW METAL	2	HOLLOW METAL	10	
102	3' - 0"	7' - 0"	FL	SC WD	1	HOLLOW METAL	4	
103A	5' - 0"	7' - 4"	FL-UE	HOLLOW METAL	2	HOLLOW METAL	8	(1) 1'-6" LEAF + (1) 3'-6" LEAF
103B	3' - 0"	7' - 0"	SL	SC WD	1	HOLLOW METAL	5	
106	3' - 0"	7' - 0"	FL	SC WD	1	HOLLOW METAL	2	
107	3' - 0"	7' - 0"	FL	SC WD	1	HOLLOW METAL	2	
108	3' - 0"	7' - 0"	FG	SC WD	1	HOLLOW METAL	5	
113	3' - 0"	7' - 0"	FL	HOLLOW METAL	2	HOLLOW METAL	8	

DOOR HARDWARE GROUPS

GROUP	QTY.	TYPE	MANUFACTURER	MODEL NO.	REMARKS
1A (IN)	1	HINGE	PEMKO	CFM 86 HS CONTINUOUS HINGE	
	1	LOCK SET	ADAMSRITE	MS 1850 W/ 4550 LEVER	
	1	CLOSER	STANLEY	MAGIC FORCE	
	1	SWEEP	-	42" BRUSH ALUM SWEEP	
	1	THRESHOLD	REESE	10"x1/2" DOUBLE BULL NOSE	
	1 SET	PUSH/PULL	TUBELITE	TUBULAR, OFFSET PULL	
1B (OUT)	1	HINGE	PEMKO	CFM 86 HS CONTINUOUS HINGE	
	1	LOCK SET	ADAMSRITE	MS 1850 W/ 4550 LEVER	
	1	CLOSER	STANLEY	MAGIC FORCE	
	1	SWEEP	-	42" BRUSH ALUM SWEEP	
	1 SET	PUSH/PULL	TUBELITE	TUBULAR, OFFSET PULL	
	1	THRESHOLD	REESE	S245A	
2	1 1/2 PR	HINGES	-	-	PROVIDE 1/2 PAIR SPRING HINGES PER DOOR
	1	PRIVACY LOCK	SCHLAGE	AL40S SAT 626 W/ LEVER HANDLE	PRIVACY LOCK
4	1 1/2 PR	HINGES	HAGER	BB1279	-
	1	LOCKSET	SCHLAGE	AL53PD SAT 626 W/ LEVER HANDLE	ENTRANCE LOCK
5	1 1/2 PR	HINGES	HAGER	BB1279	PASSAGE LATCH
	1	LOCKSET	SCHLAGE	AL10S SAT 626 W/ LEVER HANDLE	
8	1 1/2 PR	HINGES	HAGER	BB1279	
	1	DEAD BOLT	SCHLAGE	B660P 626	
	1 SET	PUSH/PULL	ROCKWOOD	122X 70B 32D	
	1	WEATHERSTRIP	REESE	961C	
	1	SWEEP	REESE	964C	
	1	THRESHOLD	REESE	S204A	
	1	HOLD OPEN	GLYNN JOHNSON	453H US32D	
10	1 1/2 PR	HINGES	HAGER	BB1279	-
	1	LOCKSET	DETEX	-	PANIC ALARM DEVICE
	1	WEATHERSTRIP	REESE	967C	-
	1	SWEEP	REESE	S285A	-
	1	THRESHOLD	REESE	S204A	-
	1	HOLD OPEN	NORTON	7500	REPLACE CONSTRUCTION PHASE LOCK WITH PULL AND COVER PLATE BEFORE OCCUPANCY
	1	PULL			

STOREFRONT NOTES:

A. ALL DIMENSIONS SHOWN ARE ROUGH OPENINGS

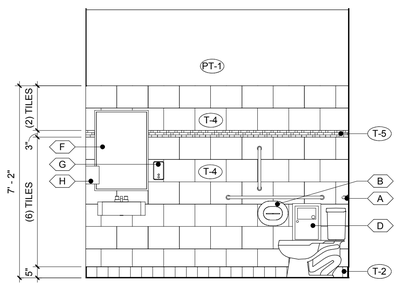
B. ALL STOREFRONT FRAMING TO BE 4-1/2" DEEP TUBELITE E4500 SYSTEM (INT.) (EXT. - T14000)

C. FINISH TO BE CLEAR ANODIZED.

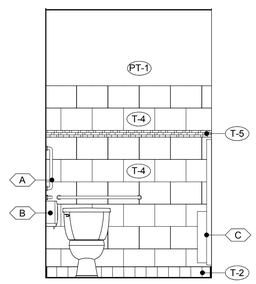
D. GLAZING (UNLESS NOTED OTHERWISE)
-EXTERIOR: 1/4" CLEAR .030 LAMINATED GLASS (OUTBOARD); 5/8" AIR SPACE; 1/8" CLEAR TEMPERED LOW-EGLASS (INBOARD)
-INTERIOR: 1/4" CATEGORY II SAFETY GLAZING

TOILET ACCESSORIES SCHEDULE

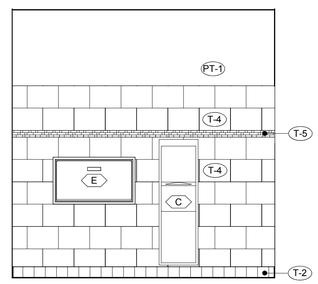
MARK	NAME / MANUFACTURER	MODEL	REMARKS
A	ADA GRAB BARS (HORIZONTAL 36" & 42", VERTICAL 18")		
B	TOILET PAPER DISPENSER		
C	SEMI RECESSED PAPER TOWEL AND TRASH		
D	SANITARY NAPKIN DISPOSAL		
E	BABY CHANGING STATION KOALA KARE - S.S. FINISH, RECESSED		
F	24"x36" MIRROR		
G	SOAP DISPENSER		
H	NEEDLE DISPOSAL		



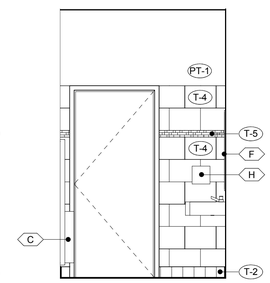
1 WOMEN'S SOUTH ELEV.
3/8" = 1'-0"



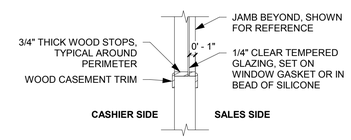
2 WOMEN'S WEST ELEV.
3/8" = 1'-0"



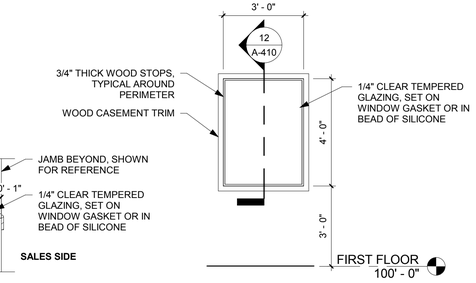
3 WOMEN'S NORTH ELEV.
3/8" = 1'-0"



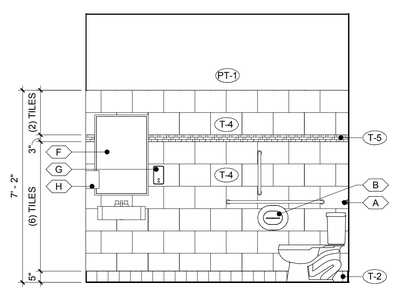
4 WOMEN'S EAST ELEV.
3/8" = 1'-0"



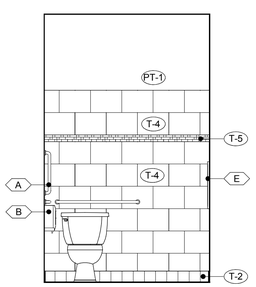
12 DIRECT SET GLAZING DETAIL
NOT TO SCALE



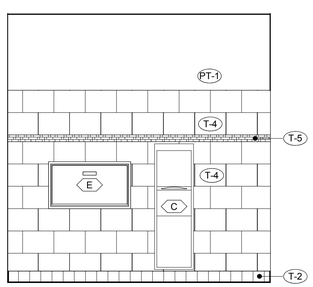
13 W1
3/8" = 1'-0"



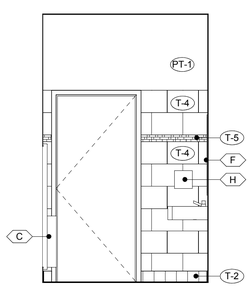
5 MEN'S SOUTH ELEV.
3/8" = 1'-0"



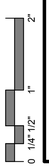
6 MEN'S WEST ELEV.
3/8" = 1'-0"



7 MEN'S NORTH ELEV.
3/8" = 1'-0"



8 MEN'S EAST ELEV.
3/8" = 1'-0"



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INT. ELEVATIONS, DOOR SCHEDULE AND FRAME TYPE

SHEET

A-410