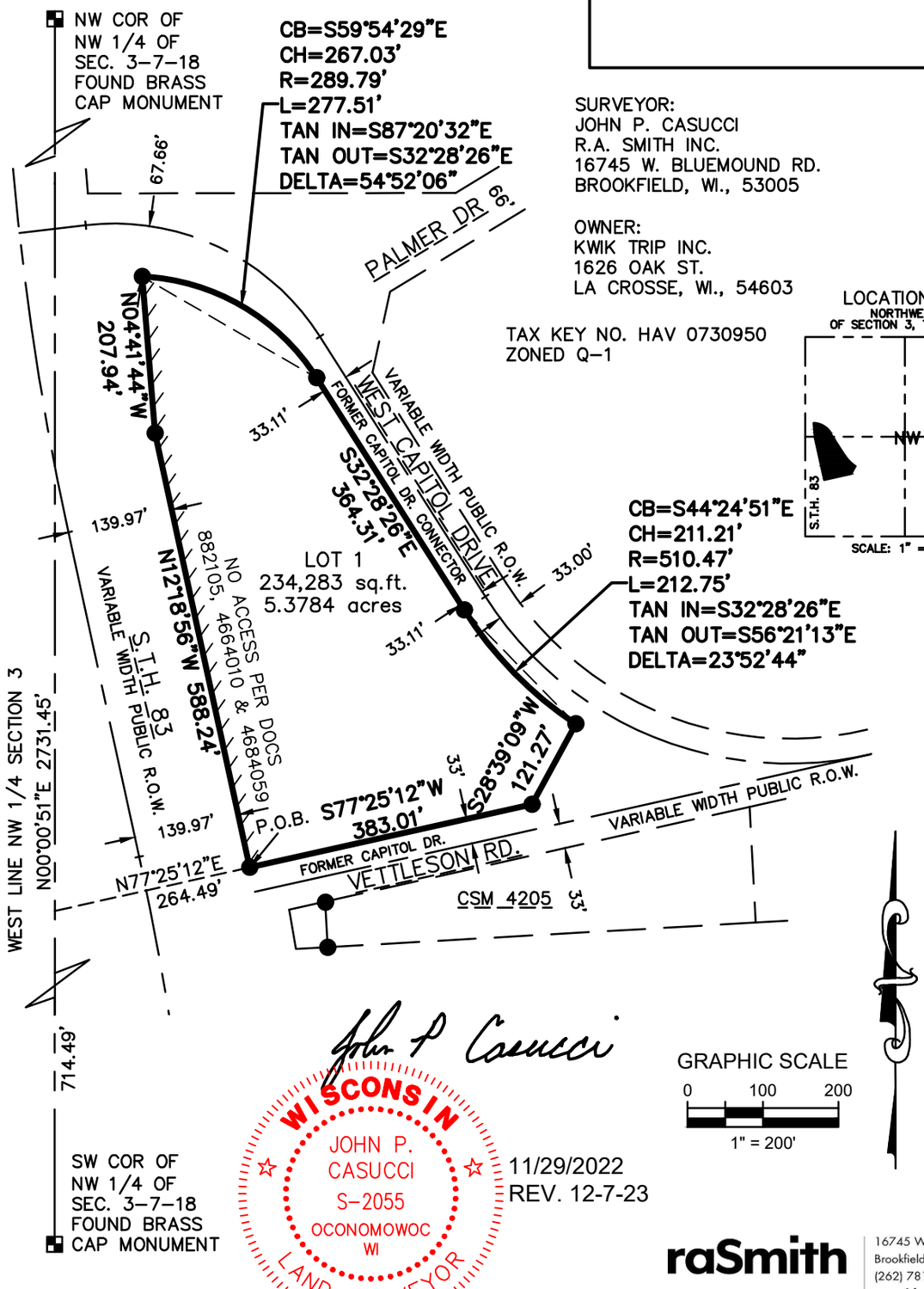
CERTIFIED SURVEY MAP NO. _____

Part of the Northwest 1/4 and Southwest 1/4 of the Northwest 1/4 of Section 3, in Township 7 North, Range 18 East, in the Village of Hartland, Waukesha County, Wisconsin.

● INDICATES FOUND 1" IRON PIPE

ALL DIMENSIONS SHOWN ARE MEASURED TO THE NEAREST HUNDREDTH OF A FOOT.
ALL BEARINGS ARE REFERENCED TO THE WEST LINE OF THE NW 1/4 OF SECTION 3, T 7 N, R 18 E, WHICH BEARS N00°00'51"E. WISCONSIN STATE PLANE COORDINATE SYSTEM, SOUTH ZONE (NAD27).

STH 83 & W. CAPITOL DR. REFER TO PROJ. ID 1371-2-21 (1972)

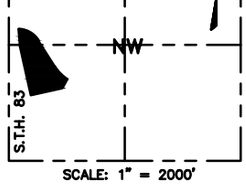


SURVEYOR:
JOHN P. CASUCCI
R.A. SMITH INC.
16745 W. BLUEMOUND RD.
BROOKFIELD, WI., 53005

OWNER:
KWIK TRIP INC.
1626 OAK ST.
LA CROSSE, WI., 54603

TAX KEY NO. HAV 0730950
ZONED Q-1

LOCATION MAP
NORTHWEST 1/4 OF SECTION 3, T7N, R18E



SCALE: 1" = 2000'

GRAPHIC SCALE
0 100 200
1" = 200'

John P Casucci

WISCONSIN
JOHN P. CASUCCI
S-2055
OCONOMOWOC WI
LAND SURVEYOR

11/29/2022
REV. 12-7-23

raSmith
CREATIVITY BEYOND ENGINEERING
16745 W. Bluemound Road
Brookfield, WI 53005-5938
(262) 781-1000
rasmith.com

CERTIFIED SURVEY MAP NO. _____

Part of the Northwest 1/4 and Southwest 1/4 of the Northwest 1/4 of Section 3, in Township 7 North, Range 18 East, in the Village of Hartland, Waukesha County, Wisconsin.

SURVEYOR'S CERTIFICATE

STATE OF WISCONSIN }
:SS
WAUKESHA COUNTY }

I, JOHN P. CASUCCI, Professional Land Surveyor, do hereby certify:

THAT I have surveyed, divided and mapped a division of a part of the Northwest 1/4 and Southwest 1/4 of the Northwest 1/4 of Section 3, in Township 7 North, Range 18 East, in the Village of Hartland, Waukesha County, Wisconsin, bounded and described as follows:

Commencing at the Southwest corner of the Northwest 1/4 of said Section; thence North 00° 00' 51" East along the West line of said 1/4 Section a distance of 714.49 feet to a point; thence North 77° 25' 12" East 264.49 feet to a point in the North line of Vettleson Road and the East line of State Trunk Highway 83, said point also the point of beginning of lands to be described; thence North 12° 18' 56" West along the East line of State trunk Highway 83 a distance of 588.24 feet to a point; thence North 04° 41' 44" West along said East line 207.94 feet to a point in the Westerly line of West Capitol Drive; thence Southeasterly 277.51 feet along said Westerly line and an arc of a curve, whose center lies the Southwest, whose radius is 289.79 feet and whose chord bears South 59° 54' 29" East 267.03 feet to a point; thence South 32° 28' 26" East along said Westerly line 364.31 feet to a point; thence Southeasterly 212.75 feet along said Westerly line and an arc of a curve whose center lies to the Northeast, whose radius is 510.47 feet, and whose chord bears South 44° 24' 51" East 211.21 feet to a point; thence South 28° 39' 09" West along said Westerly line 121.27 feet to a point in the North line of Vettleson Road; thence South 77° 25' 12" West along said North line 383.01 feet to the point of beginning.

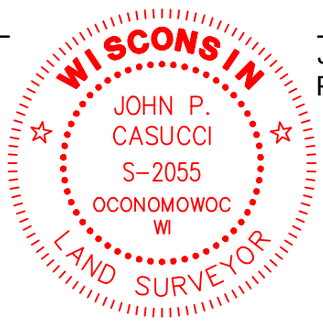
Said land contains 234,283 square feet or 5.3784 acres.

THAT I have made the survey, land division and map by the direction of KWIK TRIP INC., owner.

THAT the map is a correct representation of all the exterior boundaries of the land surveyed and the land division thereof made.

THAT I have complied with Chapter 236.34 of the Wisconsin Statutes and the Village of Hartland Land Division ordinance in surveying, dividing and mapping the same.

Date: NOVEMBER 29, 2022
REV. 12-7-23



JOHN P. CASUCCI
PROFESSIONAL LAND SURVEYOR S-2055

raSmith
CREATIVITY BEYOND ENGINEERING
16745 W. Bluemound Road
Brookfield, WI 53005-5938
(262) 781-1000
rasmith.com

CERTIFIED SURVEY MAP NO. _____

Part of the Northwest 1/4 and Southwest 1/4 of the Northwest 1/4 of Section 3, in Township 7 North, Range 18 East, in the Village of Hartland, Waukesha County, Wisconsin.

OWNER CERTIFICATE

KWIP TRIP INC., a company duly organized and existing under and by virtue of the laws of the State of Wisconsin, as owner, certifies that said corporation has caused the land described on this map to be surveyed, divided, and mapped as represented on this map in accordance with the Ordinances of the Village of Hartland.

KWIK TRIP INC., does further certify that this map is required by S.236.10 or S.236.12 to be submitted to the following for approval or objection: Village of Hartland.

IN Witness Whereof, KWIK TRIP INC., has caused these presents to be signed

by _____, it's _____

on this _____ day of _____, 20_____.

KWIK TRIP INC.

_____

PERSONALLY came before me this_____day of_____, 20_____,

_____, the _____ of the above named corporation, to me known to be the person who executed the foregoing instrument, and acknowledged that he/she executed the foregoing instrument as such officer on behalf of the entity, by its authority.

(Notary Seal)

_____

_____
(print name)
Notary Public, State of Wisconsin
My commission expires_____

WISCONSIN
JOHN P. CASUCCI
S-2055
OCONOMOWOC
WI
LAND SURVEYOR

11/29/2022
REV. 12-7-23

CERTIFIED SURVEY MAP NO. _____

Part of the Northwest 1/4 and Southwest 1/4 of the Northwest 1/4 of Section 3, in Township 7 North, Range 18 East, in the Village of Hartland, Waukesha County, Wisconsin.

VILLAGE OF HARTLAND PLAN COMMISSION APPROVAL

APPROVED by the Plan Commission of the Village of Hartland, Wisconsin on the _____ day of _____, 20_____.

Date:_____ _____

Jeffery Pfannerstill, Chairman

VILLAGE OF HARTLAND BOARD APPROVAL

RESOLVED that the Certified Survey Map of KWIK TRIP INC., owner of said lands, being a part of the Northwest 1/4 and Southwest 1/4 of the Northwest 1/4 of Section 3, in Township 7 North, Range 18 East, in the Village of Hartland, Waukesha County, Wisconsin, having been approved by the Plan Commission and the same is hereby approved by the Village of Board of Trustees of the Village of Hartland

on this _____ day of _____,20_____.

Date:_____ _____

Jeffery Pfannerstill, Village President

Date:_____ _____

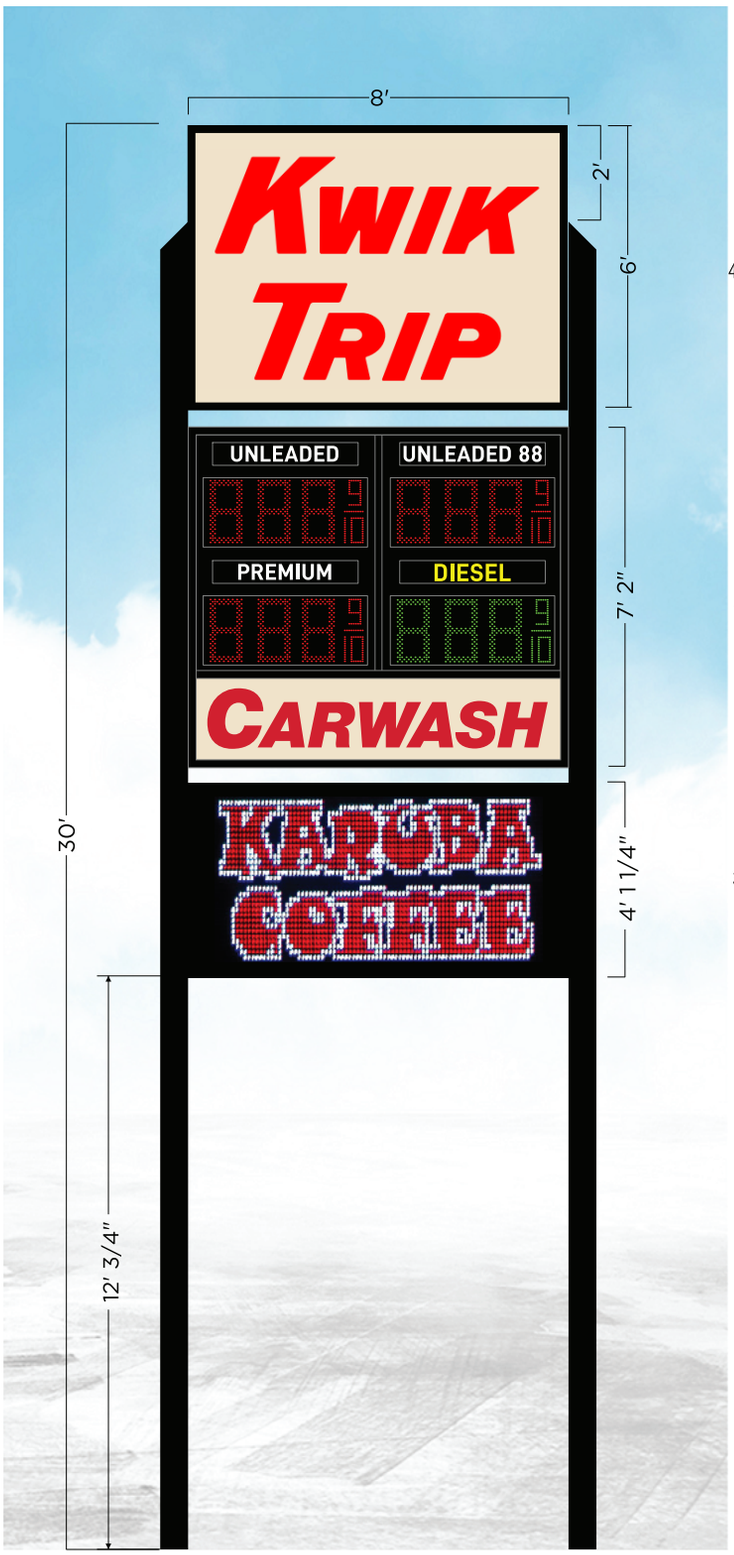
Sandee Policello, Village Clerk

WISCONSIN
JOHN P. CASUCCI
S-2055
OCONOMOWOC WI
LAND SURVEYOR

11/29/2022
REV. 12-7-23

THIS INSTRUMENT WAS DRAFTED BY JOHN P. CASUCCI

1283 HARTLAND, WI



Nagle signs inc.
1020 Wilbur Ave. PO BOX 2098
WATERLOO, IA 50704
319-233-4604 · 800-728-4604
Fax: 319-233-7514

605 Iowa Ave. West
MARSHALLTOWN, IA 50158
641-752-6608 · 888-656-7446
Fax: 641-752-6968

PROJECT
KWIK TRIP

LOCATION
HARTLAND, WI

REP. SARAH
DESIGNER HMF
SKETCH # 7-18-23
ORDER #

SCALE 1/4"=1'0"
FILE
PRINT FILE /
REVISION(S)

WSA · ISA International Sign Association

CLIENT APPROVAL
SIGNATURE/DATE

naglesigns.com

IF YOU CAN SEE THIS TEXT THIS ARTWORK IS NOT PRINTED TO SCALE
IF YOU CAN SEE THIS TEXT THIS ARTWORK IS NOT PRINTED TO SCALE
IF YOU CAN SEE THIS TEXT THIS ARTWORK IS NOT PRINTED TO SCALE

LAYOUT NOTES:

1. PLAN PREPARED FROM AN ALTA/ACSM LAND TITLE SURVEY BY:
   R.A. SMITH, INC.
   262-781-1000
2. CURBS ARE DIMENSIONED TO BACK OF CURB.
3. CONVENIENCE STORE, AND ISLAND COMPLEXES ARE LOCATED FROM THE NORTHEASTERN MOST PROPERTY CORNER AND ALIGNED PARALLEL/PERPENDICULAR TO THE REFERENCE LINE LABELED S32°28'26.00"W, UNLESS OTHERWISE INDICATED ON THIS PLAN.
4. UNLESS SHOWN OTHERWISE ON THIS DRAWING, CONTRACTOR SHALL PROVIDE CONTROL JOINTS, CONSTRUCTION JOINTS, AND EXPANSION JOINTS IN SLAB ON GRADE, SIDEWALKS AND DRIVES.
   CONTROL JOINT MAXIMUM DISTANCE: WALKS- 8' O.C., ALL OTHERS- 15' O.C. SAW CUT CONTROL JOINTS MINIMUM ONE-QUARTER CONCRETE THICKNESS.
   EXPANSION JOINT MAXIMUM DISTANCE: WALKS- 24' O.C., ALL OTHERS- 40' O.C.
   DOWEL ALL EXPANSION JOINTS- MAXIMUM 24" O.C.
5. CONCRETE IN ISLAND COMPLEX SHALL BE SMOOTH FINISHED.
6. EXTERIOR CONCRETE SURFACES TO BE SEALED. CONCRETE SEALER:
   APR 15- OCT 31 USE: TK-26UV
   NOV 1- DEC 31 USE: TK-290
7. EXPANSION JOINTS SHALL BE DECK-O-FOAMED AND CAULKED WITH SLI.
8. DIAGONAL STRIPING LINES (HATCHING) IN THE " NO PARKING LOADING ZONE" AREA AND ANY OTHER AREA THAT IS HATCHED SHALL BE SPACED 5' ON CENTER.
9. LETTERING FOR ALL WORDING SUCH AS " NO PARKING LOADING ZONE" AND CARWASH SHOULD BE 12" TALL.
10. ALL DIAGONAL STRIPING SHALL BE ANGLED AS CLOSE TO 45° AS POSSIBLE.

SITE DATA:

ZONING DISTRICT: Q-1 (QUARRY/EXTRACTIVE)

TOTAL SITE AREA - EXISTING/PROPOSED: 234,283 SF

EX. IMPERVIOUS:	0 SF
EX. PERVIOUS:	234,283 SF
PARKING REQUIREMENTS	
PARKING REQUIRED	SERVICE STATION = 1 STALL PER 2 EMPLOYEES +1
PARKING PROVIDED	50 STALLS
BUILDING HEIGHTS	
CONVENIENCE STORE	20.0'
CANOPY	19.5'

BUILDING SETBACKS
FRONT: TBD
REAR: TBD
SIDE: TBD

PROPOSED LOT GREEN AREA:	129,011 SF	55%
PROPOSED HARD COVER:	105,272 SF	45%
PAVED AREA:	85,390 SF	36%
BUILDING ROOF AREA:	18,220 SF	8%
WATER FEATURE AREA:	12,000 SF	5%
CONVENIENCE STORE: (FLOOR AREA) =	12,220 SF 5,370 SF	

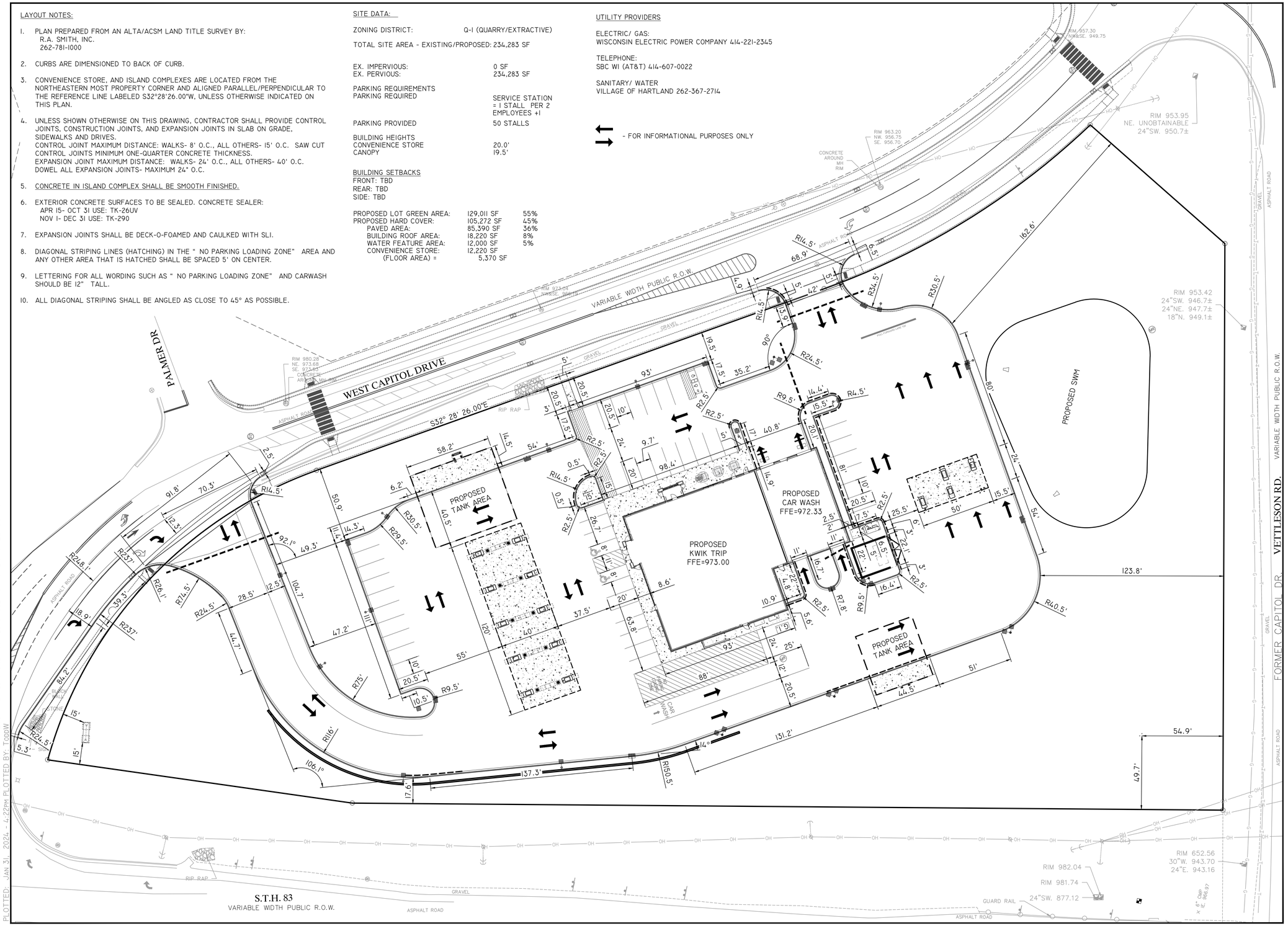
UTILITY PROVIDERS

ELECTRIC/ GAS:
WISCONSIN ELECTRIC POWER COMPANY 414-221-2345

TELEPHONE:
SBC WI (AT&T) 414-607-0022

SANITARY/ WATER
VILLAGE OF HARTLAND 262-367-2714

⇄ - FOR INFORMATIONAL PURPOSES ONLY



KWIK TRIP STORES

KWIK STAR STORES

KWIK TRIP, Inc.
P.O. BOX 2107
1626 OAK STREET
LA CROSSE, WI 54602-2107
PH. (608) 781-8988
FAX (608) 781-8960

REI
CIVIL & ENVIRONMENTAL ENGINEERING, SURVEYING
REI Engineering, INC.
4080 N. 20TH AVENUE
WAUSAU, WISCONSIN 54401
PHONE: 715.675.9784 FAX: 715.675.4060
EMAIL: MAIL@REIENGINEERING.COM

SCALE
0 30 60

SITE PLAN

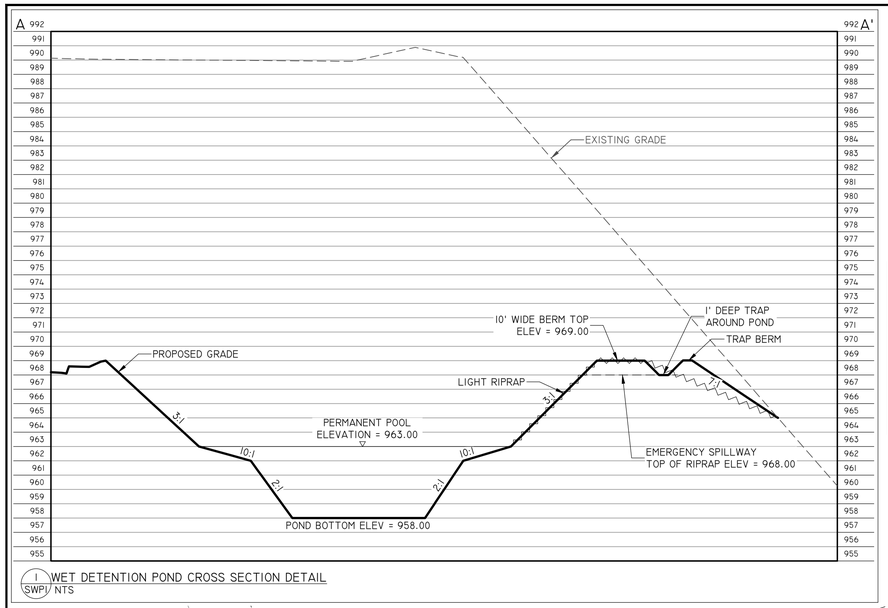
CONVENIENCE STORE #1283

STH 83 AND W. CAPITOL DRIVE
HARTLAND, WI

#	DATE	DESCRIPTION
1	12/06/23	N. DRIVEWAY REVISIONS

DRAWN BY	NAP
SCALE	GRAPHIC
PROJ. NO.	10827
DATE	01/3124 - PERMIT DOCUMENTS
SHEET	SP1

DRAWING FILE: Q:\10800 - 10899\10827 - KWIK TRIP #1283 - HARTLAND\DRAWING\PLANS\10827-SPI-SITE.DWG LAYOUT: SPI
PLOTTED: JAN 31, 2024 - 4:22PM PLOTTED BY: TODDW



1 SWP1 WET DETENTION POND CROSS SECTION DETAIL
NTS

PROJECT DATA

PROJECT START DATE	JANUARY 2024
PROJECT COMPLETION DATE	OCT 2024

SITE AREA DATA

PRE-CONSTRUCTION IMPERVIOUS AREA	0 SF
POST-CONSTRUCTION IMPERVIOUS AREA	105,272 SF
APPROX. AREA OF LAND DISTURBANCE	215,025 SF

SITE RUNOFF COEFFICIENT

PRE-CONSTRUCTION	61
POST-CONSTRUCTION	82

SOIL DATA

SURFACE SOIL	TOPSOIL
SUB-SURFACE SOIL	GRAVELLY
DEPTH OF GROUND WATER	UNKNOWN
DOWN-STREAM TRIBUTARY	BARK RIVER

ESTIMATED PRELIMINARY EROSION CONTROL QUANTITIES
(ACTUAL QUANTITIES SUBJECT TO CHANGE)

ITEM	QUANTITY
ROCK CONSTRUCTION ENTRANCE	400 SQ.YD.
INLET PROTECTION	10
EROSION CONTROL BLANKET	4,530 SQ.YD.
RIP RAP	5 CU. YD.
SILT FENCE	1,130 L.F.
DITCH CHECK	AS NEEDED
BIO ROLL/EROSION LOG	AS NEEDED

NOTE: FOR MAINTENANCE PURPOSES CONTRACTOR SHALL PROVIDE ALL SUFFICIENT QUANTITIES FOR REPAIR AND REPLACEMENT OF EROSION CONTROL DEVICES THROUGHOUT ALL PHASES OF THE PROJECTS CONSTRUCTION.

OKEYED NOTESO

1. TEMPORARY ROCK CONSTRUCTION ENTRANCE/EXIT. SEE DETAIL A/SWP3.

2. INSTALL SILT FENCE. SEE DETAIL D/SWP3.

3. PROVIDE INLET PROTECTION. REFER TO SWP2 FOR ACCEPTABLE PRODUCTS.

4. INSTALL LIGHT RIPRAP ON TYPE R GEOTEXTILE FABRIC. SEE DETAIL B/SWP3.

5. WET POND WITH TYPE A LINER TO SERVE AS SEDIMENT TRAP DURING CONSTRUCTION. SEE DETAILS A & B/SWP4.
SEDIMENT TRAP DETAILS
- TRAP BOTTOM ELEV. = 4.5' BELOW WEIR ELEV OR DEEPER
- TRAP TOP ELEV. = 969.00
- 6-FT WIDE WEIR ELEV. = 968.00

6. CONSTRUCT EMERGENCY OVERFLOW WEIR, WITH LIGHT RIPRAP ON TYPE R GEOTEXTILE FABRIC. SEE DETAIL 6/SP6.

SUGGESTED CONSTRUCTION SEQUENCE
- PROVIDE CONSTRUCTION ACCESS
- INSTALL SILT FENCE
- INSTALL INLET PROTECTION ON EXISTING STORM STRUCTURES
- SAWCUT AND REMOVE PAVEMENT, STRIP TOPSOIL, REMOVALS
- ROUGH GRADING
- INSTALL DIVERSIONS AND SEDIMENT TRAP
- CONSTRUCT BUILDING
- SITE UTILITY INSTALLATION
- INSTALL INLET AND CULVERT PROTECTION ON NEW STORM STRUCTURES
- FINISH GRADING
- CONSTRUCT BASE COURSE AND PAVEMENT
- INSTALL LAWN/ LANDSCAPE
- FLUSH STORM SEWER
- REMOVE EROSION CONTROL MEASURES ONLY AFTER ALL PAVEMENTS HAVE BEEN INSTALLED AND ALL SOILS HAVE BEEN STABILIZED

NOTES:

(A) CONTRACTOR SHALL ABIDE BY THE WDNR CONSERVATION PRACTICE STANDARDS FOR INSTALLATION AND MAINTENANCE OF EROSION CONTROL. REFER TO SWP4 FOR TECHNICAL STANDARDS EMPLOYED.

(B) CONTRACTOR SHALL PROVIDE CONCRETE WASHOUT AREAS ON-SITE. SEE DETAIL E/SWP4.

(C) DEWATERING BAGS SHALL BE READILY AVAILABLE AND SHALL BE USED AT ALL TIMES IN THE PROCESS OF DEWATERING.

INSTALL WISDOT URBAN TYPE B EROSION CONTROL BLANKET ON SIDE SLOPES OF 4:1 OR GREATER. SEE DETAIL E/SWP3 FOR INSTALLATION.

-SITE EROSION CONTROL MEASURES MUST BE IN PLACE AT ALL TIMES. SHOULD DEVICES BE REMOVED FOR WORK ACCESS, THEY SHALL BE REINSTALLED AT THE END OF EACH WORK DAY UNTIL PAVEMENTS HAVE BEEN INSTALLED AND ALL LANDSCAPE AREAS HAVE BEEN MULCHED AND SODDED. SEEDED AREAS MUST EXHIBIT MINIMUM OF 70% SOIL COVERAGE.

-REFER TO THE SWP PLAN NOTES AND DETAIL SHEETS SWP2-4 FOR MORE INFORMATION.

CONTACT:
KWIK TRIP, INC
P0 BOX 2107
LACROSSE, WI 54602

DRAWING FILE: Q:\10800 - 10899\10827 - KWIK TRIP #1283 - HARTLAND\DRAWING\PLANS\10827-SP7-SWPI-EC.DWG LAYOUT: SWPI
PLOTTED: JAN 31, 2024 - 5:29PM PLOTTED BY: TODDW

KWIK TRIP STORES

KWIK STAR STORES

KWIK TRIP, Inc.
P.O. BOX 2107
1626 OAK STREET
LA CROSSE, WI 54602-2107
PH. (608) 781-8988
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REI
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4080 N. 20TH AVENUE
WAUSAU, WISCONSIN 54401
PHONE: 715.675.9784 FAX: 715.675.4060
EMAIL: MAIL@REIENGINEERING.COM

SCALE
0 30 60

EROSION CONTROL PLAN

CONVENIENCE STORE #1283

STH 83 AND W. CAPITOL DRIVE
HARTLAND, WI

#	DATE	DESCRIPTION
1	12/06/23	N. DRIVEWAY REVISIONS

DRAWN BY	NAP
SCALE	GRAPHIC
PROJ. NO.	10827
DATE	01/3124 - PERMIT DOCUMENTS
SHEET	SWP1

STORM WATER POLLUTION PREVENTION PLAN

POLLUTION PREVENTION PLAN
ALL CONTRACTORS / SUBCONTRACTORS SHALL CONDUCT THEIR OPERATIONS IN A MANNER THAT MINIMIZES EROSION AND PREVENTS SEDIMENTS FROM LEAVING THE PROJECT SITE. THE PRIME CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLIANCE AND IMPLEMENTATION OF THE POLLUTION PREVENTION PLAN (PPP) FOR THEIR ENTIRE CONTRACT. THE RESPONSIBILITY SHALL BE FURTHER SHARED WITH SUBCONTRACTORS WHOSE WORK IS A SOURCE OF POTENTIAL POLLUTION AS DEFINED IN THE PPP.

I. SITE DESCRIPTION
THIS POLLUTION PREVENTION PLAN IS FOR THE CONSTRUCTION OF THE KWIK TRIP CONVENIENCE STORE #1283 PROJECT. THE PROJECT IS LOCATED IN SECTION 3, TOWNSHIP 7N, RANGE 18E, VILLAGE OF HARTLAND, WAUKESHA COUNTY, WISCONSIN.

THIS PPP COVERS 4.68 ACRES WITH AN ESTIMATED 4.68 ACRES BEING DISTURBED THROUGH EXCAVATION, GRADING, AND PAVING. THE PORTION OF THE PPP COVERED BY THIS CONTRACT HAS 4.68 ACRES BEING DISTURBED.

THE PROJECT IS LOCATED IN AN AREA OF HOCHEIM LOAM (HmC2), THERESA SILT LOAM (ThB). THE ESTIMATED CURVE NUMBER FOR THIS PPP AFTER CONSTRUCTION IS 82.

REFER TO PLANS: KWIK TRIP CONVENIENCE STORE #1283 FOR LOCATIONS OF TYPICAL SLOPES, DITCH GRADES, AND MAJOR STRUCTURAL AND NON-STRUCTURAL CONTROLS. A COPY OF THIS PLAN WILL BE ON FILE AT THE PROJECT ENGINEER'S OFFICE AND ON-SITE. RUNOFF FROM THIS WORK WILL OVERLAND FLOW THROUGH DETENTION POND, DITCHES, STORM SEWER TO PIKE LAKE.

THIS PROJECT IS NOT LOCATED WITHIN A 100-YEAR FLOODPLAIN.

POTENTIAL SOURCES OF POLLUTION:
SITE SOURCES OF POLLUTION GENERATED AS A RESULT OF THIS WORK RELATE TO SILTS AND SEDIMENT WHICH MAY BE TRANSPORTED AS A RESULT OF A STORM EVENT. HOWEVER, THIS PPP PROVIDES CONVEYANCE FOR OTHER (NON-PROJECT RELATED) OPERATIONS. THESE OTHER OPERATIONS HAVE STORM WATER RUNOFF, THE REGULATION OF WHICH IS BEYOND THE CONTROL OF THIS PPP. POTENTIALLY THIS RUNOFF CAN CONTAIN POLLUTANTS RELATED TO SITE-SPECIFIC LAND USES.
EXAMPLES ARE:

RURAL AGRICULTURAL ACTIVITIES:
RUNOFF FROM AGRICULTURAL LAND USE CAN POTENTIALLY CONTAIN CHEMICALS INCLUDING HERBICIDES, PESTICIDES, FUNGICIDES, AND FERTILIZERS.

CONSTRUCTION ACTIVITIES:
RUNOFF FROM CONSTRUCTION ACTIVITIES CAN POTENTIALLY CONTAIN FUELS, OILS, AND CHEMICALS FROM SPECIFIC CONSTRUCTION RELATED ACTIVITIES.

2. CONTROLS

INLET PROTECTION DEVICES SHALL BE PLACED AROUND INTAKES. SILT FENCE SHALL BE PLACED AT LOCATIONS WHERE RUNOFF CAN MOVE OFFSITE. VEGETATION IN AREAS NOT NEEDED FOR CONSTRUCTION SHALL BE PRESERVED. AS AREAS REACH THEIR FINAL GRADE, ADDITIONAL SILT FENCES, SILT BASINS, INTERCEPTING DITCHES, SOD FLUMES, LETDOWNS, BRIDGE END DRAINS, AND EARTH DIKES SHALL BE INSTALLED AS SPECIFIED IN THE PLANS AND / OR AS REQUIRED BY PROJECT ENGINEER. THIS MAY INCLUDE USING SILT FENCE AS DITCH CHECKS. TEMPORARY STABILIZING SHALL BE COMPLETED AS THE DISTURBED AREAS ARE CONSTRUCTED. IF CONSTRUCTION ACTIVITY IS NOT PLANNED TO OCCUR IN A DISTURBED AREA IMMEDIATELY, THE AREA SHALL BE STABILIZED BY TEMPORARY SEEDING OR MULCHING WITHIN 14 DAYS. OTHER STABILIZING METHODS SHALL BE USED OUTSIDE THE SEEDING PERIOD.

THIS WORK SHALL BE DONE IN ACCORDANCE WITH THE WISCONSIN TRANSPORTATION STANDARD SPECIFICATIONS. CONTRACTOR SHALL ALSO FOLLOW ALL REQUIREMENTS OF THE WAUKESHA COUNTY EROSION AND SEDIMENT CONTROL REGULATIONS.

AS THE WORK PROGRESSES, ADDITIONAL EROSION CONTROL ITEMS SUCH AS SOD FLUMES, DITCH CHECKS, ROCK OUTLET PROTECTION, AND LETDOWN STRUCTURES AND OTHER APPROPRIATE MEASURES SHALL BE INSTALLED BY THE CONTRACTOR AS DETERMINED BY THE ENGINEER AFTER FIELD INVESTIGATION. THE CONSTRUCTION WILL BE COMPLETED WITH THE ESTABLISHMENT OF PERMANENT PERENNIAL VEGETATION OF ALL DISTURBED AREAS BY THE CONTRACTOR.

3. OTHER CONTROLS

CONTRACTOR DISPOSAL OF UNUSED CONSTRUCTION MATERIALS AND CONSTRUCTION MATERIAL WASTE SHALL COMPLY WITH APPLICABLE STATE AND LOCAL WASTE DISPOSAL, SANITARY SEWER, OR SEPTIC SYSTEM REGULATIONS. IN THE EVENT OF A CONFLICT WITH OTHER GOVERNMENT LAWS, RULES, AND REGULATIONS, THE MORE RESTRICTIVE LAWS, RULES, OR REGULATIONS SHALL APPLY.

MUD TRACK-OUT SHALL BE CLEANED OFF THE ROADWAY NIGHTLY AND BEFORE ANY RAINFALL EVENT. WATER MAY NOT BE USED TO CLEAN THE ROADWAY.

CONTRACTOR SHALL KEEP PERMIT, INSPECTION LOGS, SITE PLAN, AND OTHER PERMIT DATA ON SITE AT ALL TIMES. MATERIAL SHALL BE PLACED IN AN EASILY ACCESSIBLE MAILBOX THAT IS CLEARLY MARKED "SWPPP".

ALL FUELS AND OILS SHALL BE CONTAINED BY A SECONDARY CONTAINMENT BERM OR WITHIN A TRAILER.

ALL SILT FENCE AND INLET PROTECTION DEVICES AS SHOWN SHALL BE INSTALLED PRIOR TO COMMENCING CONSTRUCTION WHENEVER POSSIBLE.

A NOTICE OF DISCONTINUATION MUST BE FILED WITH THE WDNR ONCE VEGETATION HAS BEEN ESTABLISHED TO A MINIMUM COVERAGE OF 70%.

CONTRACTOR SHALL MARK ON THE INITIAL STORM WATER POLLUTION PREVENTION PLAN THE LOCATION OF STORAGE AREAS FOR FUELS AND OILS, PORTA-POTTY, DUMPSTER OR WASTE CONTAINMENT BINS, CONCRETE WAS OUT AREA, AND OTHER NECESSARY ITEMS.

ENTRANCES SHALL BE MAINTAINED TO CONTROL MUD TRACK-OUT FROM THE SITE.

THE STORMWATER POLLUTION PREVENTION PLAN SHALL BE UPDATED AS NECESSARY DURING CONSTRUCTION.

APPROVED STATE OF LOCAL PLANS:
DURING THE COURSE OF THIS CONSTRUCTION, IT IS POSSIBLE THAT SITUATIONS WILL ARISE WHERE UNKNOWN MATERIALS WILL BE ENCOUNTERED. WHEN SUCH SITUATIONS ARE ENCOUNTERED, THEY WILL BE HANDLED ACCORDING TO ALL FEDERAL, STATE, AND LOCAL REGULATIONS IN EFFECT AT THE TIME.

4. MAINTENANCE

THE CONTRACTOR IS REQUIRED TO MAINTAIN ALL TEMPORARY EROSION CONTROL MEASURES IN PROPER WORKING ORDER, INCLUDING CLEANING, REPAIRING, OR REPLACING THEM THROUGHOUT THE CONTRACT PERIOD. CLEANING OF SILT CONTROL DEVICES SHALL BEGIN WHEN THE FEATURES HAVE LOST 50% OF THEIR CAPACITY.

5. INSPECTIONS

INSPECTIONS SHALL BE MADE JOINTLY BY THE CONTRACTOR AND THE CONTRACTING AUTHORITY EVERY SEVEN CALENDAR DAYS. THE CONTRACTOR SHALL IMMEDIATELY BEGIN CORRECTIVE ACTION ON ALL DEFICIENCIES FOUND. THE FINDINGS OF THIS INSPECTION SHALL BE RECORDED IN THE PROJECT DIARY. THIS PPP MAY BE REVISED BASED ON THE FINDING OF THE INSPECTION. THE CONTRACTOR SHALL IMPLEMENT ALL REVISIONS. ALL CORRECTIVE ACTIONS SHALL BE COMPLETED WITHIN 3 CALENDAR DAYS OF THE INSPECTION.

6. NON-STORM DISCHARGES

THIS INCLUDES SUBSURFACE DRAINS (I.E. FIELD TILE, SUBDRAINS), SLOPE DRAINS, AND BRIDGE END DRAINS. THE VELOCITY OF THE DISCHARGE FROM THESE FEATURES MAY BE CONTROLLED BY THE USE OF PATIO BLOCKS, CLASS A STONE, OR EROSION STONE.

7. SEQUENCE OF CONSTRUCTION ACTIVITIES

ALL EROSION CONTROL DEVICES SHALL BE INSTALLED PRIOR TO COMMENCING ANY CONSTRUCTION ON-SITE. FIRST, ALL NOTED REMOVALS SHALL BE COMPLETED. SECOND, GRADING CAN COMMENCE TO BRING SOIL TO FINAL GRADE.. NEXT, INSTALLATION OF UTILITIES AND PAVING SHALL BE COMPLETED. FINALLY, THE DISTURBED AREAS SHALL BE SEEDED, FERTILIZED, AND MULCHED AS SHOWN IN THE PLANS.

OWNER CERTIFICATION:

"I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS."

NAME (PRINTED OR TYPED): _____

TITLE: _____

SIGNATURE: _____

DATE: _____

NAME OF COMPANY, IF APPLICABLE: _____

ADDRESS: _____

CITY, STATE, ZIP CODE: _____

TELEPHONE NUMBER: _____

ADDRESS OF THE SITE: _____

CONTRACTOR / SUBCONTRACTOR CERTIFICATION:

"I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND THE TERMS AND CONDITIONS OF THE GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT THAT AUTHORIZES THE STORM WATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY FROM THE CONSTRUCTION SITE AS PART OF THIS CERTIFICATION. FURTHER, BY MY SIGNATURE, I UNDERSTAND THAT I AM BECOMING S CO-PERMITTEE, ALONG WITH THE OWNER(S) AND OTHER CONTRACTORS AND SUBCONTRACTORS SIGNING SUCH CERTIFICATIONS, TO THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES NPDES GENERAL PERMIT NO. 2 FOR "STORM WATER DISCHARGE ASSOCIATED WITH INDUSTRIAL ACTIVITY FOR CONSTRUCTION ACTIVITIES" AT THE IDENTIFIED SITE. AS A CO-PERMITTEE, I UNDERSTAND THAT I, AND MY COMPANY, ARE LEGALLY REQUIRED UNDER THE CLEAN WATER ACT AND THE CODE OF WISCONSIN, TO ENSURE COMPLIANCE WITH THE TERMS AND CONDITIONS OF THE STORM WATER POLLUTION PREVENTION PLAN DEVELOPED UNDER THE NPDES PERMIT AND THE TERMS OF THE NPDES PERMIT."

NAME (PRINTED OR TYPED): _____

TITLE: _____

SIGNATURE: _____

DATE: _____

NAME OF CONTRACTING FIRM: _____

ADDRESS: _____

CITY, STATE, ZIP CODE: _____

TELEPHONE NUMBER: _____

ADDRESS OF THE SITE: _____

CONTRACTORS/SUBCONTRACTORS WHO WILL IMPLEMENT EACH EROSION CONTROL MEASURE:

SILT FENCE: CONTRACTOR (WITH ADDRESS AND TELEPHONE NUMBER)

TOPSOIL BERM: CONTRACTOR (WITH ADDRESS AND TELEPHONE NUMBER)

STABILIZED CONSTRUCTION ENTRANCE: CONTRACTOR (WITH ADDRESS AND TELEPHONE NUMBER)

CONCRETE WASH-OUT AREA: CONTRACTOR (WITH ADDRESS AND TELEPHONE NUMBER)

DUMPSTER: CONTRACTOR (WITH ADDRESS AND TELEPHONE NUMBER)

PORT-A-POTTY: CONTRACTOR (WITH ADDRESS AND TELEPHONE NUMBER)

INLET PROTECTION DEVICE: CONTRACTOR (WITH ADDRESS AND TELEPHONE NUMBER)

SEDIMENT BERM AND SLOPE STABILIZATION: CONTRACTOR (WITH ADDRESS AND TELEPHONE NUMBER)

KWIK TRIP™ STORES

KWIK STAR™ STORES

KWIK TRIP, Inc.
P.O. BOX 2107
1626 OAK STREET
LA CROSSE, WI 54602-2107
PH. (608) 781-8988
FAX (608) 781-8960

REI
CIVIL & ENVIRONMENTAL ENGINEERING, SURVEYING
REI Engineering, INC.
4080 N. 20TH AVENUE
WAUSAU, WISCONSIN 54401
PHONE: 715.675.9784 FAX: 715.675.4060
EMAIL: MAIL@REIENGINEERING.COM

NO SCALE

EROSION CONTROL DETAILS

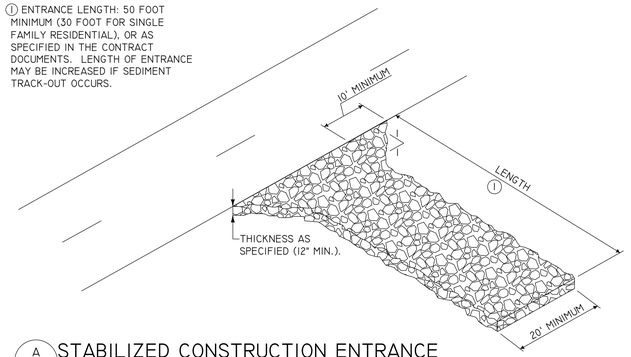
CONVENIENCE STORE #1283

STH 83 AND W. CAPITOL DRIVE
HARTLAND, WI

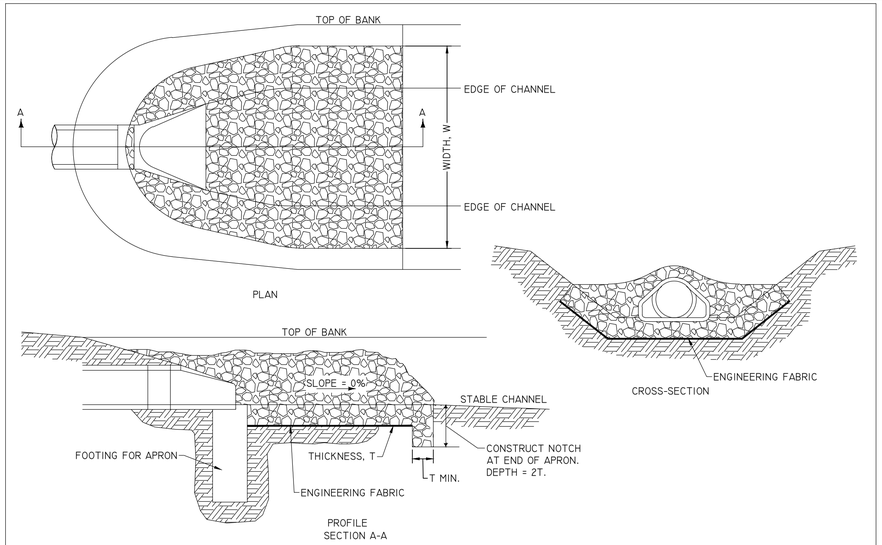
#	DATE	DESCRIPTION
1	12/06/23	N. DRIVEWAY REVISIONS

DRAWN BY NAP XXX
SCALE GRAPHIC
PROJ. NO. 10827
DATE 01/3124 - PERMIT DOCUMENTS
SHEET SWP2

DRAWING FILE: Q:\10800 - 10899\10827 - KWIK TRIP #1283 - HARTLAND\DRAWING\PLANS\10827-SP8-SWP2-4-EC-DETAILS.DWG LAYOUT: SWP2
PLOTTED: JAN 31, 2024 - 5:35PM PLOTTED BY: ToddW

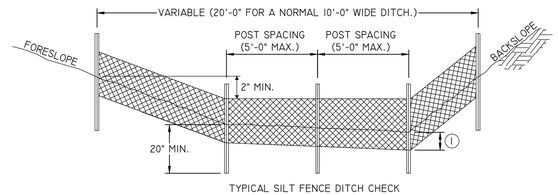


A SWP3 STABILIZED CONSTRUCTION ENTRANCE
FOR CONSTRUCTION EGRESS POINTS
NTS

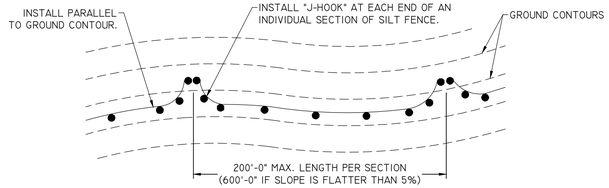


B SWP3 RIP RAP APRON FOR PIPE OUTLET INTO CHANNEL
NTS

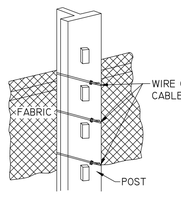
(1) INSERT 12 INCHES OF FABRIC A MINIMUM OF 6 INCHES DEEP (FABRIC MAY BE FOLDED BELOW THE GROUND LINE).



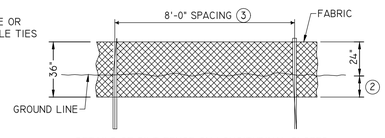
TYPICAL SILT FENCE DITCH CHECK



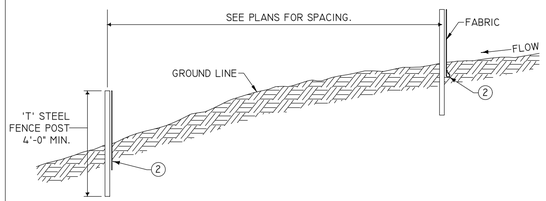
TYPICAL SILT FENCE INSTALLATION ON LONGITUDINAL SLOPES
(PLAN VIEW)



ATTACHMENT TO POST



DETAILS OF SILT FENCE ON LONGITUDINAL SLOPES

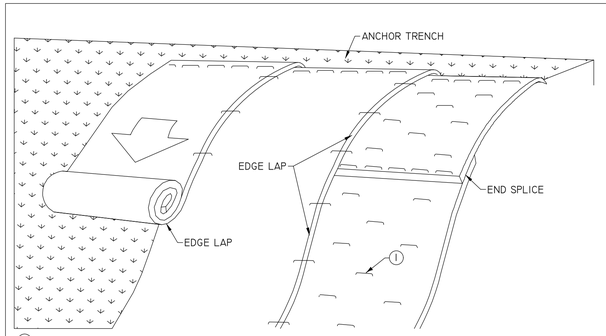


TYPICAL SILT FENCE INSTALLATION ON LONGITUDINAL SLOPES
(PROFILE VIEW)

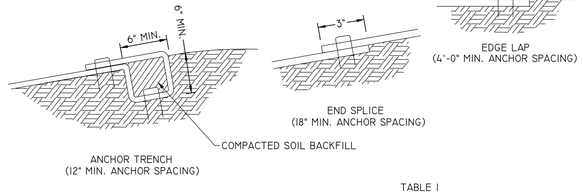
D SWP3 SILT FENCE
NTS

(2) INSERT 12 INCHES OF FABRIC A MINIMUM OF 6 INCHES DEEP (FABRIC MAY BE FOLDED BELOW THE GROUND LINE).

(3) REDUCE POST SPACING TO 5'-0" AT WATER CONCENTRATION AREAS, OR AS REQUIRED TO ADEQUATELY SUPPORT FENCE.



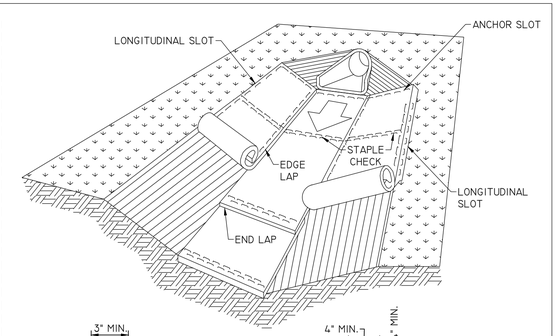
(1) SECURE BLANKET TO GROUND ACCORDING TO MANUFACTURER'S RECOMMENDED ANCHORING PATTERN AND MINIMUM SHOWN IN TABLE I.

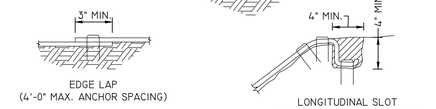


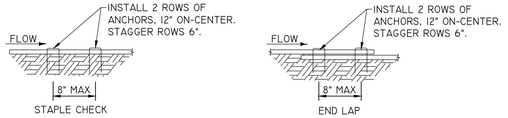
ANCHOR TRENCH
(12" MIN. ANCHOR SPACING)

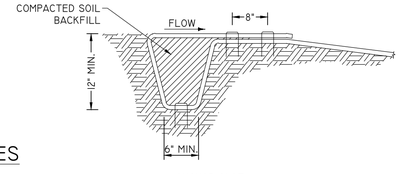
END SPLICE
(18" MIN. ANCHOR SPACING)

TABLE I	
MAX. SLOPE	MIN. ANCHORS
≤3:1	1.5/YD²
2:1	2/YD²
1:1	2.5/YD²









ANCHOR SLOT
(1'-0" MAX. ANCHOR SPACING)

E SWP3 ROLLED EROSION CONTROL (RECP) INSTALLATION ON SLOPES
NTS

ALL EROSION CONTROL MEASURES TO BE INSTALLED AND MAINTAINED PER WDNR STANDARDS
HTTP://DNR.WI.GOV/ORG/WATER/WM/NPS/STORMWATER/TECHSTDS.HTM

KWIK TRIP STORES

KWIK STAR STORES

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EMAIL: MAIL@REIENGINEERING.COM

NO SCALE

EROSION CONTROL DETAILS

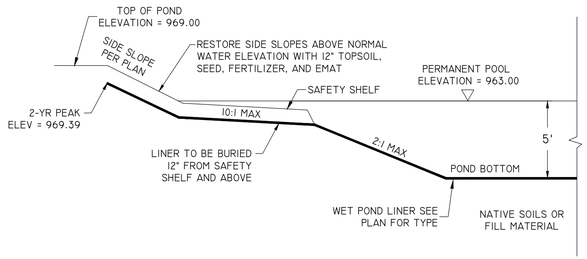
CONVENIENCE STORE #1283

STH 83 AND W. CAPITOL DRIVE
HARTLAND, WI

#	DATE	DESCRIPTION
1	12/06/23	N. DRIVEWAY REVISIONS

DRAWN BY	NAP XXX
SCALE	GRAPHIC
PROJ. NO.	10827
DATE	01/3124 - PERMIT DOCUMENTS
SHEET	SWP3

DRAWING FILE: Q:\10800 - 10899\10827 - KWIK TRIP #1283 - HARTLAND\DRAWING\PLANS\10827-SP8-SWP2-4-EC-DETAILS.DWG LAYOUT: SWP3
PLOTTED: JAN 31, 2024 - 5:41PM PLOTTED BY: TODDW



GENERAL POND LINER SPECIFICATIONS

(REFER TO APPENDIX D OF WDNR TECHNICAL STANDARD 1001 FOR DETAILED SPECIFICATIONS)

*1. TYPE A LINER (ANY OF THE FOLLOWING)
- CLAY LINER: MINIMUM THICKNESS OF 2 FEET WITH AN IN-PLACE HYDRAULIC CONDUCTIVITY OF 1×10^{-7} CM/SEC OR LESS.
- HDPE: MINIMUM THICKNESS OF 60 MIL.
- GCL: GEOSYNTHETIC CLAY LINER PER NRCS SPECIFICATIONS OUTLINED IN APPENDIX D.

TYPE B LINER (ANY OF THE FOLLOWING)
- CLAY LINER: MINIMUM THICKNESS OF 2 FEET WITH AN IN-PLACE HYDRAULIC CONDUCTIVITY OF 1×10^{-6} CM/SEC OR LESS.
- HDPE: MINIMUM THICKNESS OF 40 MIL.
- PPL: MINIMUM THICKNESS OF 30 MIL.

TYPE C LINER (ANY OF THE FOLLOWING)
- SILT/CLAY LINER: MINIMUM THICKNESS OF 2 FEET
- HDPE: ANY THICKNESS
- PPL: MINIMUM THICKNESS OF 20 MIL
- PVC: MINIMUM THICKNESS OF 30 MIL
- EPDM: MINIMUM THICKNESS OF 45 MIL

NOTE:
1. SHOULD THE CONTRACTOR ENCOUNTER SEASONAL OR PERCHED GROUNDWATER DURING CONSTRUCTION OF THE POND AND IT'S LINER, CONTACT ENGINEER FOR UNDERDRAIN RECOMMENDATIONS.

2. MANUFACTURED LINERS SHALL BE PROVIDED WITH AIR-RELEASE VENTS TO PREVENT FLOATING.

3. CONTRACTOR TO PROVIDE POND LINER DOCUMENTATION TO OWNER PRIOR TO FINAL ACCEPTANCE.

4. CONTRACTOR TO CONSTRUCT 1' DEEP SEDIMENT TRAP AND BERM ON DOWNHILL SIDE OF THE POND. ALL POND SLOPES TO HAVE EROSION MAT.

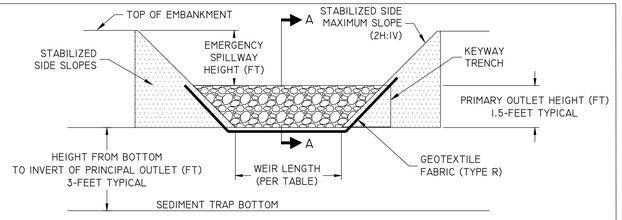
A SWP4 **WET POND LINER**
NTS

NOTES:
1. SIDE SLOPES AND FACES OF EARTHEN EMBANKMENT AROUND OUTLET SHALL BE ARMORED WITH RIPRAP OR STABILIZED WITH EROSION MAT SUFFICIENT TO HANDLE FLOWS FROM THE 10-YEAR STORM.

2. STONE (SHORT DURATION): 3-6" WELL GRADED ANGULAR CLEAR STONE.

3. STONE (6+ MONTHS): COMBINATION OF LIGHT RIPRAP WITH 12"-THICK LAYER OF 1" ANGULAR CLEAR STONE.

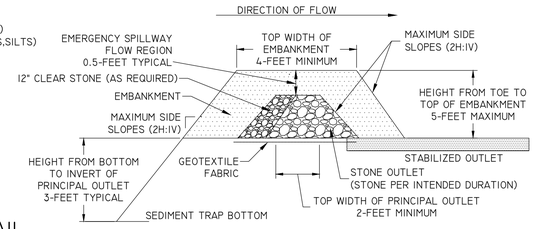
4. REFER TO WDNR TECH STD 1063 FOR ADDITIONAL INFORMATION.



CROSS-SECTION VIEW OF PRINCIPAL OUTLET

* AS = 625 X ADR (COARSE GRAINED SOILS + SANDS)
AS = 1560 X ADR (MEDIUM GRAINED SOILS + LOAMS,SILTS)
AS = 5300 X ADR (FINE GRAINED SOILS + CLAYS)

ADR (OC)	WEIR LENGTH (FT)
1	4
2	6
3	8
4	10
5	12



VIEW A-A OF PRINCIPAL OUTLET

B SWP4 **SEDIMENT TRAP DETAIL**
NTS

CONCRETE WASHOUT AREA INSTALLATION NOTES
1. SEE EROSION CONTROL PLAN FOR LOCATIONS OF CONCRETE WASHOUT AREA(S). TO BE PLACED A MIN. OF 50' FROM DRAINAGEWAYS, BODIES OF WATER, AND INLETS.)
2. THE CONCRETE WASHOUT AREA(S) SHALL BE INSTALLED PRIOR TO ANY CONCRETE PLACEMENT ON SITE.
3. VEHICLE TRACKING CONTROL PAD IS REQ'D AT THE ACCESS POINT(S).
4. SIGNS SHALL BE PLACED AT THE CONSTRUCTION ENTRANCE, AT THE WASHOUT AREA(S), AND ELSEWHERE AS NECESSARY TO CLEARLY INDICATE THE LOCATION OF THE CONCRETE WASHOUT AREAS TO OPERATORS OF CONCRETE TRUCKS AND PUMP RIGS.
5. EXCAVATED MATERIAL SHALL BE UTILIZED IN PERIMETER BERM CONSTRUCTION.

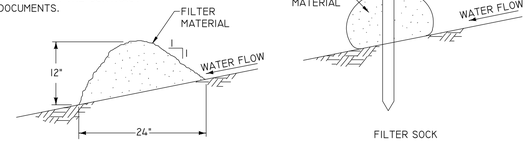
CONCRETE WASHOUT AREA MAINTENANCE NOTES
6. THE CONCRETE WASHOUT AREA SHALL BE REPAIRED AND ENLARGED OR CLEANED OUT AS NECESSARY TO MAINTAIN CAPACITY FOR WASTED CONCRETE
7. AT THE END OF CONSTRUCTION, ALL CONCRETE SHALL BE REMOVED FROM SITE AND DISPOSED OF AT AN APPROVED WASTE SITE.
8. WHEN CONCRETE WASHOUT AREA(S) IS REMOVED, THE DISTURBED AREA SHALL BE STABILIZED PER SITE EROSION CONTROL MEASURES.
9. INSPECT WEEKLY AND DURING AND AFTER ALL STORM EVENTS. CLEAN-OUT OR COVER WASHOUT AREA PRIOR TO PREDICTED STORM EVENTS TO PREVENT OVER-FLOW.

E SWP4 **CONCRETE WASHOUT AREA**
NTS

BERM SHOWN IS TYPICAL FOR SLOPES FLATTER THAN 3:1. FOR STEEPER SLOPES, INCREASE BERM SIZE AS DIRECTED BY THE ENGINEER.

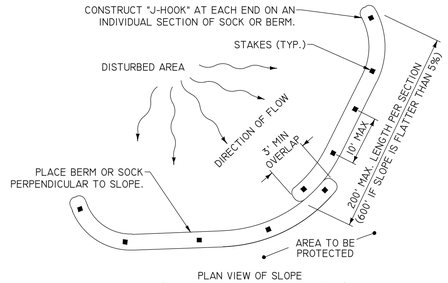
PLACE BERM IN UNCOMPACTED WINDROW PERPENDICULAR TO THE SLOPE AT LOCATIONS SPECIFIED IN THE CONTRACT DOCUMENTS.

FILTER SOCK DIAMETER AS SPECIFIED IN THE CONTRACT DOCUMENTS.

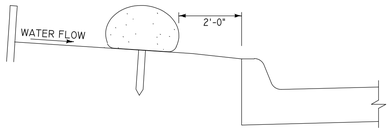


FILTER BERM

FILTER SOCK



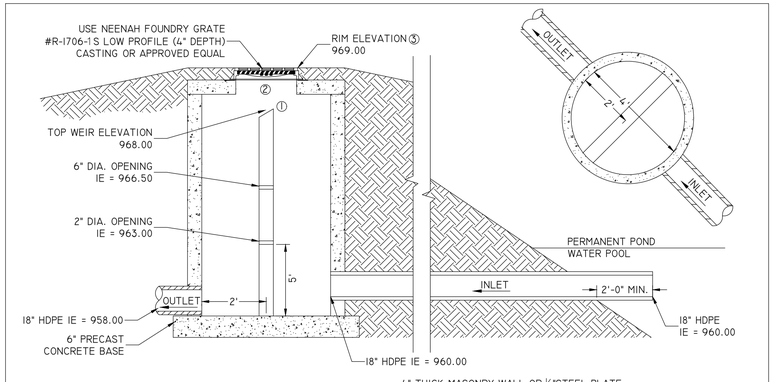
PLAN VIEW OF SLOPE
(FOR SEDIMENT AND SLOPE CONTROL)



SECTION VIEW AT STREET
(FOR PERIMETER CONTROL ALONG STREET)

TYPICAL PLACEMENT OF BERM OR SOCK

C SWP4 **FILTER BERM AND FILTER SOCK**
NTS



F SWP4 **OUTLET CONTROL STRUCTURE**
NTS

① 4" THICK MASONRY WALL OR ¼"STEEL PLATE. GROUT OR SEAL ALONG SIDES OF MANHOLE
② FORM OPENING IN TOP SLAB TO FIT CASTING
③ ADJUST GRADING AT THE OUTLET STRUCTURE TO COVER CASTING TO THE PROPOSED RIM ELEVATION

KWIK TRIP STORES

KWIK STAR STORES

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NO SCALE

EROSION CONTROL DETAILS

CONVENIENCE STORE #1283

STH 83 AND W. CAPITOL DRIVE
HARTLAND, WI

#	DATE	DESCRIPTION
1	12/06/23	N. DRIVEWAY REVISIONS

DRAWN BY NAP XXX
SCALE GRAPHIC
PROJ. NO. 10827
DATE 01/3124 - PERMIT DOCUMENTS
SHEET SWP4

AGREEMENT TO MAINTAIN
STORMWATER FACILITIES
BY AND BETWEEN
THE VILLAGE OF HARTLAND AND
Kwik Trip, Inc., La Crosse, Wisconsin, AND
ITS HEIRS, SUCCESSORS, OR ASSIGNS

The upkeep and maintenance of stormwater facilities and the implementation of pollution source control best management practices (BMPs) is essential to the protection of water resources in the Village of Hartland. All property owners are expected to conduct business in a manner that minimizes impacts of stormwater runoff. This Agreement contains specific provisions with respect to maintenance of stormwater facilities. The authority to require maintenance and pollution source control is provided in the Village of Hartland Stormwater Management Zoning Ordinance.

FACILITY LOCATION AND AREA SERVED (Attach Map if Necessary):

This space reserved for recording data

Return To:

Parcel Identification No./Tax Key No.

Whereas, Owner has constructed improvements, including but not limited to, buildings, pavement, and stormwater facilities on the property described above. In order to further the goals of the stormwater management goals of the Village of Hartland, the Village and Owner hereby enter into this Agreement. The responsibilities of each party to this Agreement are identified below.

OWNER SHALL:

(1) Implement the stormwater facility maintenance plan included herein as Attachment A.

(2) Implement the stormwater management plan included herein as Attachment B.

(3) Allow the Director of Public Works or designee to access the property to conduct inspections of storm water management practices as necessary to ascertain that the practices are being maintained and operated in accordance with the agreement.

(4) Undertake corrective actions required by Village within a reasonable time frame as set by the Director of Public Works.

(5) Maintain a record of steps taken to implement the programs referenced in (1) and (2) above. Record shall be available for inspection by Village staff at Owners business during normal business hours. The record shall catalog the action taken, who took it, when it was done, how it was done, and any problems encountered or follow-on actions recommended.

THE VILLAGE OF HARTLAND SHALL:

(1) Provide technical assistance to Owner in support of its operation and maintenance activities conducted pursuant to its maintenance and source control programs. Said assistance shall be provided upon request, and as Village time and resources permit.

(2) Maintain public records of the results of the site inspections, inform the party responsible for maintenance of the inspection results, and specifically indicate any corrective actions required to bring the storm water management practice into proper working condition.

(3) Notify the Owner of maintenance problems that require correction.

REMEDIES:

(1) If corrective actions required by the Village are not completed within the time set by the Director of Public Works, written notice will be sent to the persons who were given notice stating the Village intention to perform such maintenance and bill the owner for all incurred expenses.

(2) If at any time the Village determines that the existing system creates any imminent threat to public health or welfare, the Director of Public Works may take immediate measures to remedy said threat. No notice to the persons listed in (1), above, shall be required under such circumstances.

(3) The owner grants unrestricted authority to the Village for access to any and all stormwater system features for the purpose of performing maintenance or repair as may become necessary under Remedies (1) and/or (2).

(4) The persons listed in (1), above, shall assume all responsibility for the cost of any maintenance and for repairs to the stormwater facility. Such responsibility shall include reimbursement to the Village within 30 days of the receipt of the invoice for any such work performed. Overdue payments will require payment of interest at the current legal rate for liquidated judgments. If legal action ensues, any costs or fees incurred by the Village will be borne by the parties responsible for said reimbursements.

(5) The owner hereby grants to the Village a lien against the above-described property in an amount equal to the cost incurred by the Village to perform the maintenance or repair work described herein.

This Agreement is intended to protect the value and desirability of the real property described

above and to benefit all the citizens of the Village. It shall run with the land and be binding on all parties having or acquiring from Owner or their successors any right, title, or interest in the property or any part thereof, as well as their title, or interest in the property or any part thereof, as well as their heirs, successors, and assigns. They shall inure to the benefit of each present or future successor in interest of said property or any part thereof, or interest therein, and to the benefit of all citizens of the Village.

_____

_____

STATE OF WISCONSIN)
) ss
COUNTY OF _____)

On this day and year above personally appeared before me, a Notary Public in and for the State of Wisconsin duly commissioned and sworn, personally appeared _____, to me known to be the _____ of _____ and acknowledge the said instrument to be the free and voluntary act and deed of said corporation, for the uses and purposes therein mentioned, and on oath stated that _____ is authorized to execute the said instrument and that the seal affixed is the corporate seal of said corporation.

WITNESS my hand and official seal the day and year first above written.

_____

Notary Public in and for the State of
Wisconsin, residing in _____

My Commission Expires: _____

Dated at Hartland, Wisconsin, this _____ day of _____, _____.

VILLAGE OF HARTLAND

By:_____
Authorized Agent for the Village of Hartland

KWIK TRIP INC.

Store Engineering

FAX 608-793-6237

1626 Oak St., P.O. Box 2107
La Crosse, WI 54602

www.kwiktrip.com

Post Construction Long Term Maintenance Plan for
Kwik Trip # 1283 Village of Hartland, Wisconsin

System Description:

The property is located at the corner of STH 83 and W. Capitol Drive, Village of Hartland, Waukesha County, Wisconsin. The site consists of a series of storm water conveyances through sheet draining, piping, wet detention pond and Manhole type control structure.

System Maintenance

Catch Basin / Manhole and Oil Skimmer

- The facility structures should be checked annually for signs of damage and cracks to top slab, walls and bottom.
- The structure's cover or grate should be fully in place.
- Metal grates shall be free of debris and vegetation.
- Grates should be checked for missing or broken members of the grate.
- Ladder should be inspected for missing rungs, wall attachments, rust, cracks or sharp edges.
- The structure bottom and pipes should be clear of vegetation and debris.
- Remove sediment when it is within 12 inches from the lowest pipe invert or 50% of sump depth.

Trench Drain

- The facility structures should be checked annually for signs of damage and cracks to top grate.
- The structure's bottom and walls to be checked for cracks.
- Metal grates shall be free of debris and vegetation.
- Grates should be checked for missing or broken members of the grate.
- The structure bottom and pipes should be clear of sediment and debris.

Outflow Control Structures

- The facility structures should be checked annually for signs of damage and cracks to top slab, walls and bottom.
- The structure's cover or grate should be fully in place.
- Metal grates shall be free of debris and vegetation.
- Grates should be checked for missing or broken members of the grate.
- Ladder should be inspected for missing rungs, wall attachments, misalignment, rust, cracks or sharp edges.
- Removed debris from interior trash rack (if present).
- The connection of the interior steel plates to the structure should be inspection for cracks.
- The structure bottom and pipes should be clear of vegetation and debris.
- Remove sediment when it within 12 inches from the lowest pipe invert.

Apron and Riprap

- The facility structures should be checked annually for signs of damage to apron.
- The end of pipe, apron and surrounding riprap should be free of debris.
- Inspect for erosion around apron.
- Inspect for erosion and sediment accumulation with in the riprap.

Ditches and Swales

- The facility should be checked annually for signs of erosion, vegetation loss, side slopes and channelization of the flow.
- Area should be free of any standing water.
- The grass should not be allowed to grow greater than 8" in height and shall not be cut any shorter than 2 inches.
- Keep all areas free of debris.
- Remove cuttings if necessary.
- Remove sediment by hand with a flat-bottomed shovel during dry periods if present.
- Remove only the amount of sediment necessary to restore hydraulic capacity, leaving as much of the vegetation in place as possible. Reseed or unplug any damaged turf or vegetation.

Storm Detention Areas/Wet Ponds

- The facility should be checked annually for signs of erosion or bare soil along the perimeter, inlet pipe or swale, side slopes and at the inlet/outlet devices.

- Remove any dead or invasive vegetation and trees.
- Keep all areas free of debris.
- Remove sediment by hand with a flat-bottomed shovel during dry periods. Remove only the amount of sediment necessary to restore hydraulic capacity, leaving as much of the vegetation in place as possible. Reseed or unplug any damaged turf or vegetation.

**NOTE

- Some sediment may contain contaminants that requires special disposal. If there is uncertainty about what the sediment contains or it is known to contain contaminants, the Department of Natural Resources should be consulted through Kwik Trip's Environmental Department. Generally, special attention or sampling should be given to sediment accumulated in fueling areas, large parking lots, or other areas where pollutants (other than clean soil) are suspected to accumulate and be conveyed by storm runoff.
- Some sediment collected may be free of pollutants and can be used as fill material. It is vital that this material not be placed in any way that will promote or allow re-suspension in the storm runoff.

Tasks	Street Clean	Underground Storm Sewer System	Catch Basin	Ditches & Swales	Outflow Control Structures	Apron/ Rip Rap	Wet Detention Pond	Wetland Issues	Schedule
Inspection		X	X	X	X	X	X	X	Annual
Clean Streets	X								Annual
Mowing				X			X		0-2 times per year
System Clean Out		X							1 Time per 4 years

KWIK TRIP INC.

Kwik Trip Stormwater BMP Inspection

Store #: 1283 Number of BMPs: 17

Location (City, State): Village of Hartland, Waukesha County, WI Weather: _____

Inspection date: _____ Inspection By: _____

Inspection Results:

Maintenance Required:	YES	NO	N/A	Maintenance Required:	YES	NO	N/A
Infall Erosion	☐	☐	☐	Trench Drain	☐	☐	☐
Outfall Erosion	☐	☐	☐	Oil/Debris Separator	☐	☐	☐
Outlet Structure	☐	☐	☐	Catch Basin/Manhole	☐	☐	☐
Depth/Sediment Accumulation	☐	☐	☐	Apron	☐	☐	☐
Wet Detention Pond Liner	☐	☐	☐	Rip Rap	☐	☐	☐
Safety Shelf	☐	☐	☐				
Other Structure	☐	☐	☐	Other			

_____ _____

Attach pictures on last page

Communication Notes

Phone ☐ Fax ☐ Written ☐ E-Mail ☐ Personal Discussion ☐

To whom: _____

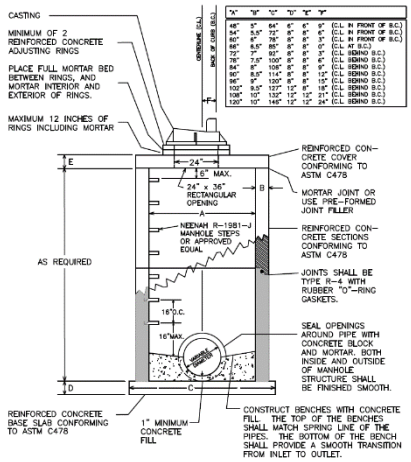
Comments: _____

_____

_____

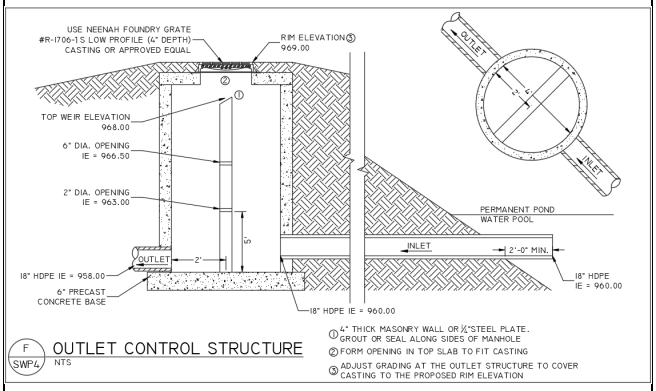
_____

Structure **Quantity: 10**



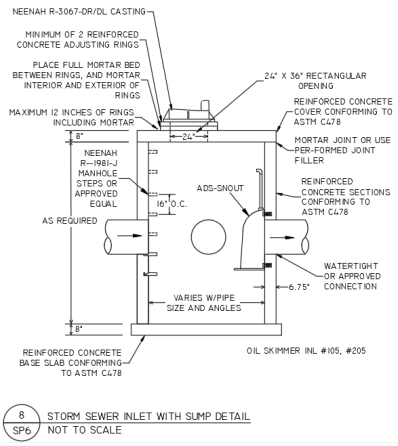
- Casting
- Adjustment rings and mortar
- Concrete cover and mortar
- Steps (if present), wall and floor
- Pipes and seals
- If sediment is present, use a rod to determine depth and if it needs to be removed

Outlet Structure (Wet Detention Pond) Quantity: 1



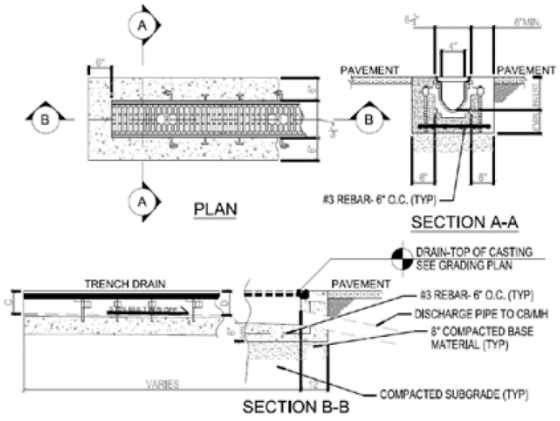
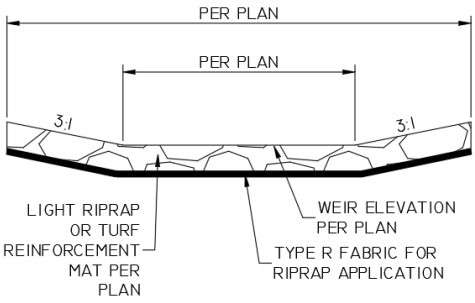
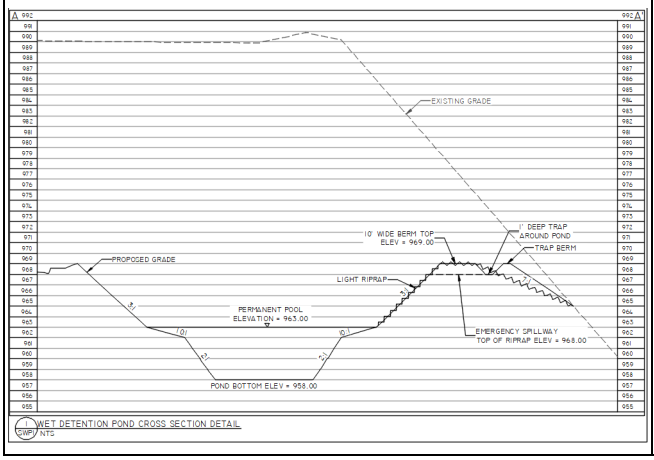
- Casting and grout
- Wall
- Floor condition and sediment/trash
- Pipe/seal and office
- If sediment is present, use a rod to determine depth and if it needs to be removed

Oil Skimmer **Quantity: 02**



- Casting
- Adjustment rings and mortar
- Concrete cover and mortar
- Steps (if present), wall and floor
- Pipes, snout and seals
- If sediment is present, use a rod to determine depth and if it needs to be removed

KWIK TRIP INC.

Trench Drain **Quantity: 02** 	• Casting • Surrounding concrete / pavement • Trench condition • Pipes and seals • Sediment depth
Outfall / Overflow **Quantity: 01**  6 / SP6 OVERFLOW WEIR DETAIL NOT TO SCALE NOTE: WEIRS TO USE PERMANENT TURF REINFORCEMENT MAT	• Sides • Sediment depth • Signs of erosion
Detention Basin / Wet Pond **Quantity: 1** 	• Vegetation (weeds or bare spots) • Sediment depth / odor • Erosion • Emergency spill way • Side Slopes

Photos Before Maintenance	Photos After Maintenance (if required)
Structure:	
Structure:	
Structure:	

Structure:	
Structure:	
Structure:	

NOTE: CONTRACTOR TO OBTAIN RIGHT-OF-WAY EXCAVATION PERMIT PRIOR TO BEGINNING SITE WORK.
CALL DIGGERS HOTLINE @ 1-800-242-8511 AT LEAST 3 WORKING DAYS PRIOR TO EXCAVATING.

CONSTRUCTION NOTE:

COORDINATE WITH OWNER FOR POSSIBLE CONSTRUCTION FENCING AND GATE LOCATIONS AND APPROPRIATE SIGNAGE INSTALLATION.

NOTE:

- REFER TO OTHER PROJECT PLANS AND INFORMATION RELATED TO THIS PROJECT PRIOR TO BEGINNING ANY GRADING WORK.

- PLAN PREPARED FROM ALTA/ACSM LAND TITLE SURVEY BY:
R.A. SMITH, INC.
262.781.1000

- CONTRACTOR SHALL LOCATE ALL UTILITIES WHICH MAY AFFECT THIS WORK AND NOTIFY OWNER OF ANY CONFLICTS.

- CONTRACTOR SHALL VERIFY ALL EXISTING AND PROPOSED ELEVATIONS PRIOR TO START OF CONSTRUCTION. VERIFY CRITICAL ELEVATIONS TO ENSURE CONFORMANCE WITH GRADING PLAN, PARTICULARLY WITH WALK AND/ OR PAVEMENTS TO REMAIN. MEET EXISTING GRADES ALONG STREETS, PROPERTY LINES AND DRIVEWAY ENTRANCES. RESTORE ALL EXISTING PAVEMENTS THAT REMAIN TO THEIR ORIGINAL, IF NOT BETTER CONDITION. NOTIFY OWNER OF ANY CONFLICTS.

- AREAS NOT PAVED AND TO BE LANDSCAPED SHALL RECEIVE MINIMUM OF 4" DEPTH COMPACTED TOPSOIL.

- CONTRACTOR SHALL COORDINATE GRADING AND INSTALLATION OF DRIVES IN R.O.W. WITH APPROPRIATE GOVERNMENT AGENCIES. OBTAIN APPROPRIATE PERMITS FOR GRADING AND DRAINAGE IN ALL R.O.W.

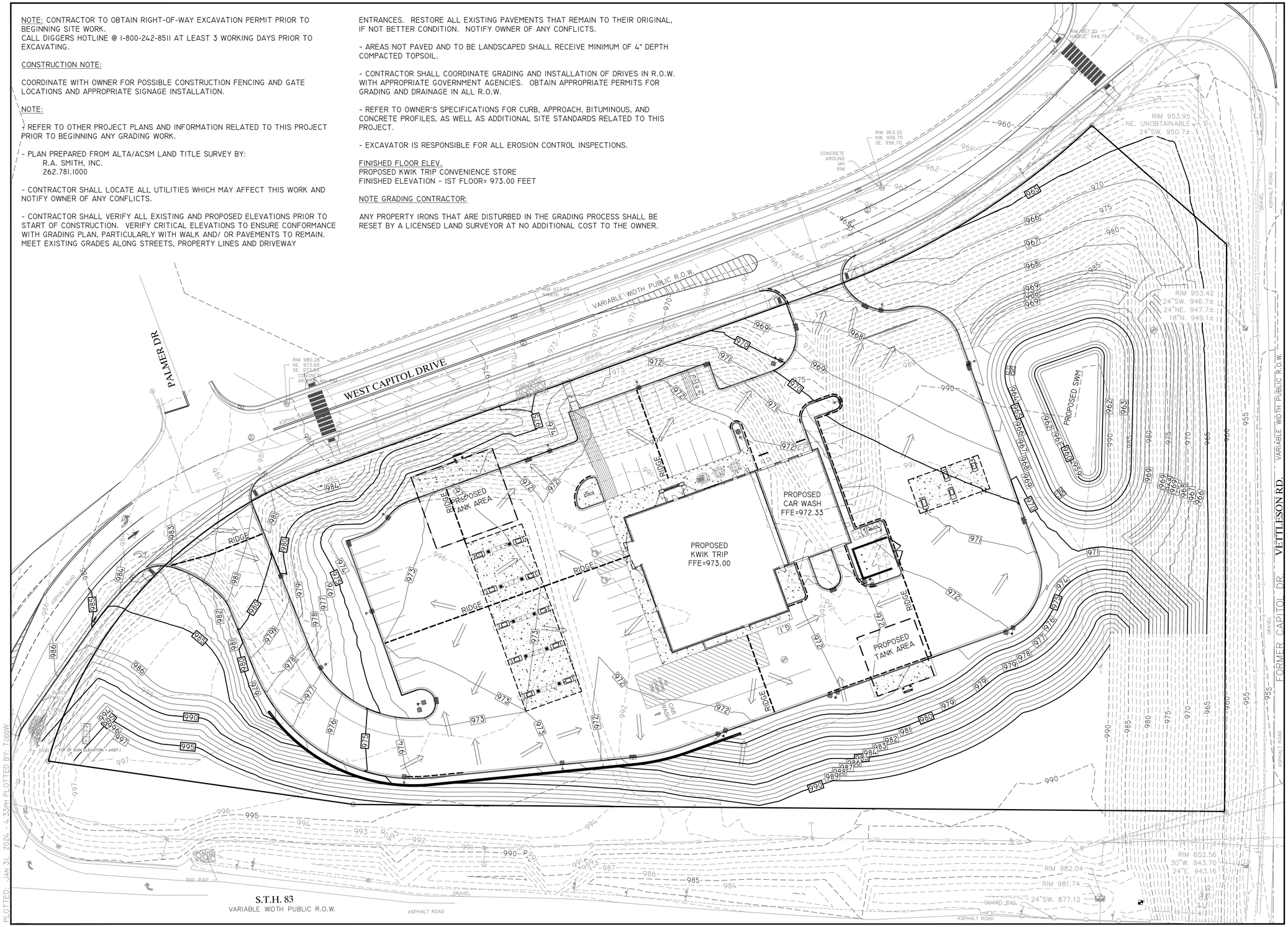
- REFER TO OWNER'S SPECIFICATIONS FOR CURB, APPROACH, BITUMINOUS, AND CONCRETE PROFILES, AS WELL AS ADDITIONAL SITE STANDARDS RELATED TO THIS PROJECT.

- EXCAVATOR IS RESPONSIBLE FOR ALL EROSION CONTROL INSPECTIONS.

FINISHED FLOOR ELEV.
PROPOSED KWIK TRIP CONVENIENCE STORE
FINISHED ELEVATION - IST FLOOR= 973.00 FEET

NOTE GRADING CONTRACTOR:

ANY PROPERTY IRONS THAT ARE DISTURBED IN THE GRADING PROCESS SHALL BE RESET BY A LICENSED LAND SURVEYOR AT NO ADDITIONAL COST TO THE OWNER.



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PLOTTED: JAN 31, 2024 - 4:33PM PLOTTED BY: TODDW

KWIK TRIP STORES

KWIK STAR STORES

KWIK TRIP, Inc.
P.O. BOX 2107
1626 OAK STREET
LA CROSSE, WI 54602-2107
PH. (608) 781-8988
FAX (608) 781-8960

REI
CIVIL & ENVIRONMENTAL ENGINEERING, SURVEYING
REI Engineering, INC.
4080 N. 20TH AVENUE
WAUSAU, WISCONSIN 54401
PHONE: 715.675.9784 FAX: 715.675.4060
EMAIL: MAIL@REIENGINEERING.COM

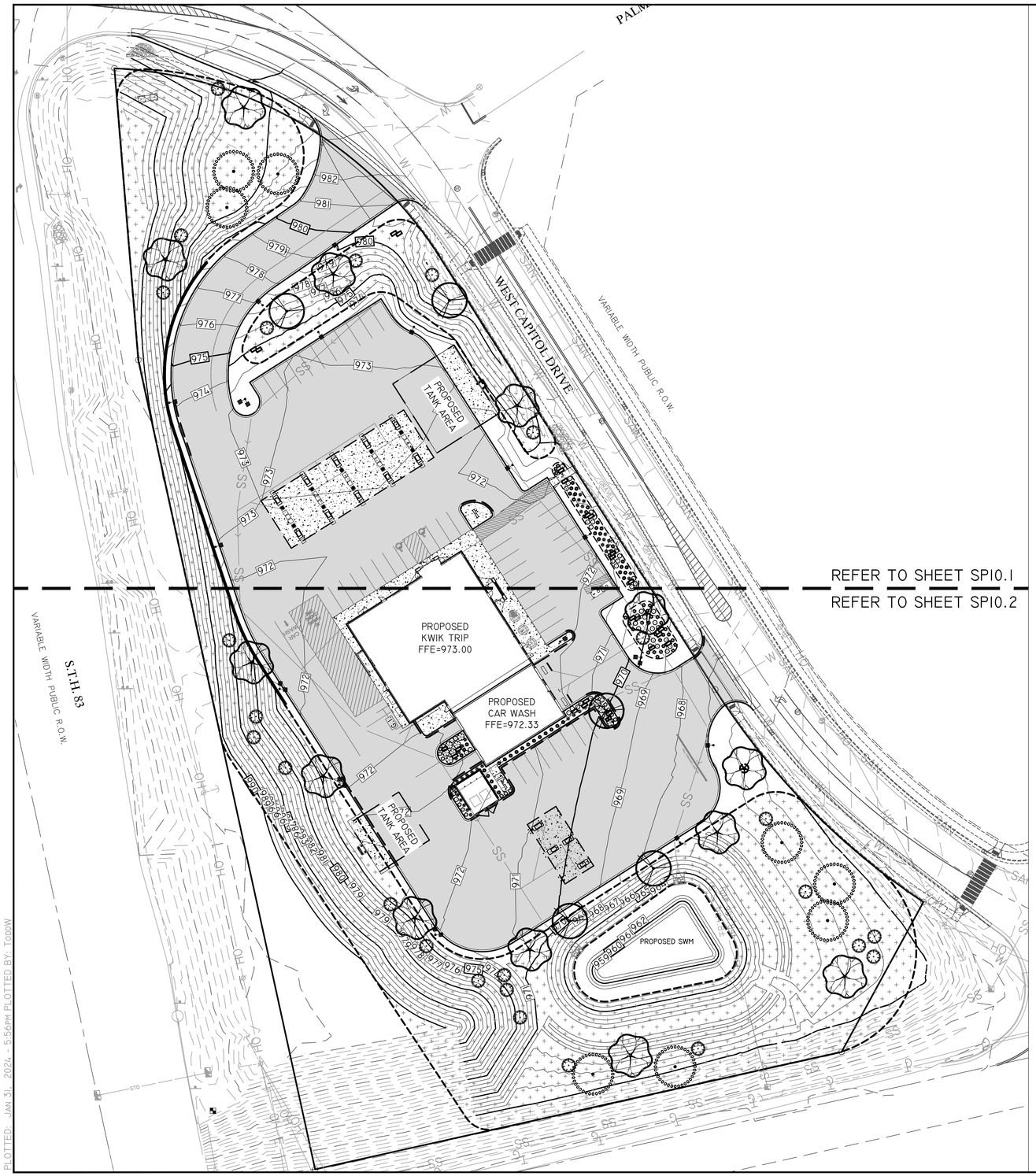
SCALE
0 30 60

GRADING PLAN

CONVENIENCE STORE #1283
STH 83 AND W. CAPITOL DRIVE
HARTLAND, WI

#	DATE	DESCRIPTION
1	12/06/23	N. DRIVEWAY REVISIONS

DRAWN BY	NAP
SCALE	GRAPHIC
PROJ. NO.	10827
DATE	01/3124 - PERMIT DOCUMENTS
SHEET	SP2



GENERAL NOTES:

(A) LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR LOCATING & VERIFYING ALL EXISTING UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION, AND IS RESPONSIBLE FOR ANY DAMAGE TO THEM DURING CONSTRUCTION.

(B) CALL DIGGERS HOTLINE @ 811 OR 1-800-242-8511 AT LEAST 5 WORKING DAYS PRIOR TO DEMOLITION, EXCAVATION OR ANY CONSTRUCTION ACTIVITY.

(C) ALL PLANT MATERIAL SHALL BE GUARANTEED ONE (1) FULL YEAR UPON TOTAL COMPLETION OF PROJECT AND ACCEPTANCE BY OWNER, WITH A ONE TIME REPLACEMENT WARRANTY UPON REQUEST BY OWNER. WARRANTY EXPIRES AFTER FIRST FULL YEAR FOLLOWING PROJECT COMPLETION.

(D) LANDSCAPE CONTRACTOR SHALL VERIFY MINIMUM 6" TOPSOIL DEPTH FOR ALL AREAS TO BE SEEDED/SODDED THROUGHOUT PROJECT SITE. CONTRACTOR IS REQUIRED TO CORRECT ANY DEFICIENCIES PRIOR TO SEED/SOD. TOPSOIL SHALL BE CLEAN AND FREE OF STONES, WEEDS AND OTHER UNDESIRABLE DEBRIS.

(E) LANDSCAPE CONTRACTOR SHALL VERIFY MINIMUM 12" PLANTING SOIL DEPTH FOR ALL PROPOSED PLANTING BED AREAS THROUGHOUT THE PROJECT SITE. CONTRACTOR IS REQUIRED TO CORRECT ANY DEFICIENCIES PRIOR TO PLANT INSTALLATION. PLANTING SOIL & AREA SHALL BE CLEAN AND FREE OF STONES, WEEDS, CONCRETE WASTE AND OTHER UNDESIRABLE DEBRIS.

(F) LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR REPAIRING TOPSOIL AND SEEDING OR SODDING ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITY, INCLUDING ALL R.O.W. AND ADJACENT PROPERTIES.

(G) CONTRACTOR SHALL CLEAN ALL PAVEMENT AREAS AFTER LANDSCAPE CONSTRUCTION ACTIVITIES ARE COMPLETE AND APPROVED BY OWNER. *THIS TO BE DONE DAILY AS DEEMED NECESSARY BY MUNICIPALITY.

PLANT SCHEDULE

SYMBOL	COMMON NAME	BOTANICAL NAME	SIZE	CONT.	QTY
DECIDUOUS TREES					
	Fall Fiesta® Sugar Maple	Acer saccharum 'Bailsta'	1.5" Cal.	B&B	5
	Red Oak	Quercus rubra	1.5" Cal.	B&B	8
	Swamp White Oak	Quercus bicolor	1.5" Cal.	B&B	13
EVERGREEN TREES					
	White Spruce	Picea glauca	3` Ht.	Pot	25
EVERGREEN SHRUBS					
	Kallay Compact Pfitzer Juniper	Juniperus chinensis 'Kallays Compact'	3 gal.	Pot	10
PERENNIALS					
	Goldsturm Coneflower	Rudbeckia fulgida sullivantii 'Goldsturm'	1 gal.	Pot	14
	Karl Foerster Feather Reed Grass	Calamagrostis x acutiflora 'Karl Foerster'	1 gal.	Pot	35
	Pale Purple Coneflower	Echinacea pallida	1 gal.	Pot	46
	Prairie Dropseed	Sporobolus heterolepis	1 gal.	Pot	34
	Shenandoah Switch Grass	Panicum virgatum 'Shenandoah'	1 gal.	Pot	38

KWIK TRIP STORES

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N

SCALE
0 40 80

OVERALL LANDSCAPE PLAN

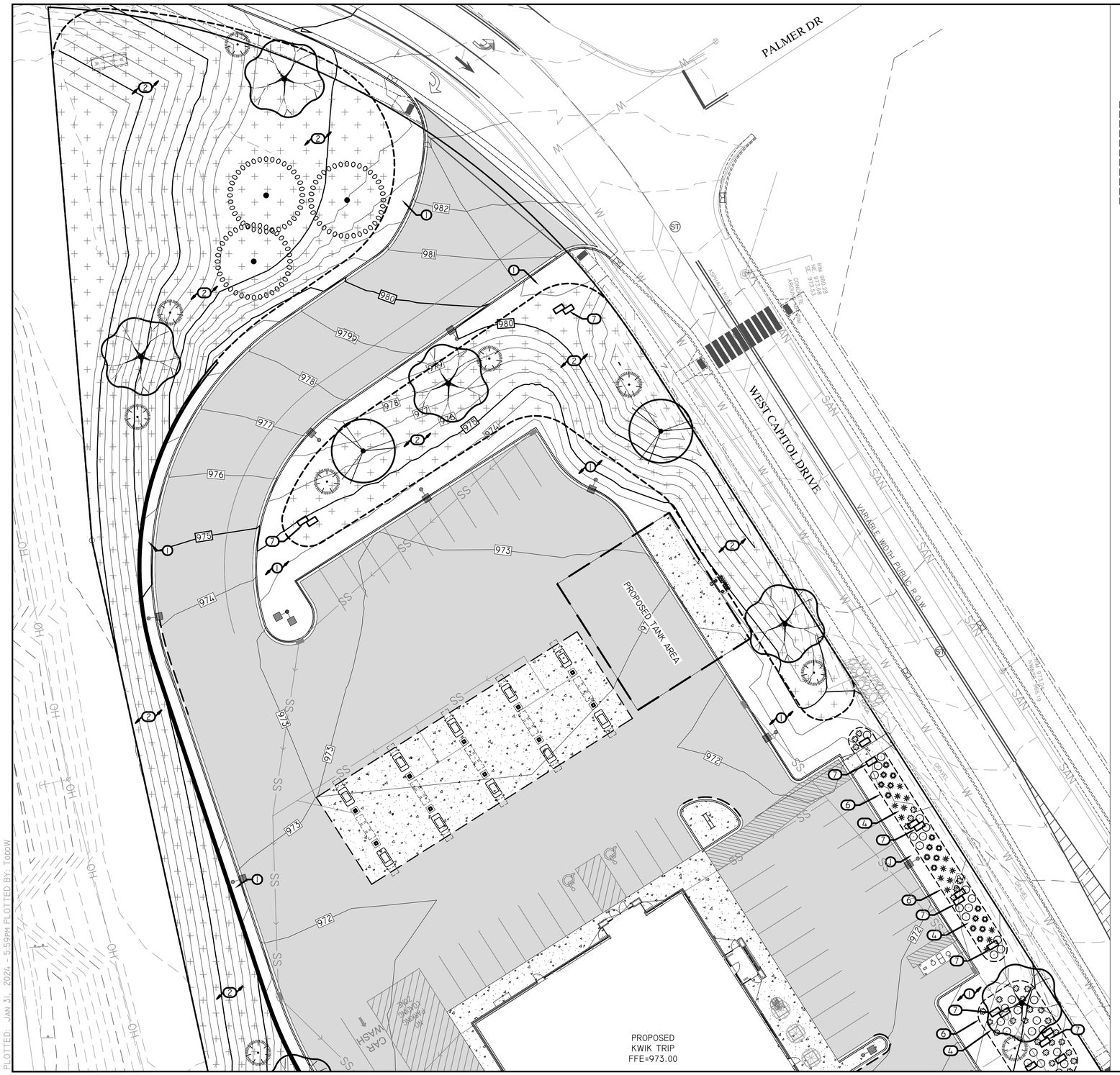
CONVENIENCE STORE #1283

STH 83 AND W. CAPITOL DRIVE
HARTLAND, WI

#	DATE	DESCRIPTION
1	12/06/23	N. DRIVEWAY REVISIONS

DRAWN BY NAP
SCALE GRAPHIC
PROJ. NO. 10827
DATE 01/3124 - PERMIT DOCUMENTS
SHEET SP10

DRAWING FILE: Q:\10800 - 10899\10827 - KWIK TRIP #1283 - HARTLAND\DRAWING\PLANS\10827-SP10-LANDSCAPING.DWG LAYOUT: SP10
PLOTTED: JAN 31, 2024 - 5:56PM PLOTTED BY: TODDW



KEYED NOTES

1. SOD, *ALL AREAS NOTED ON PLAN & ALL DISTURBED AREAS DUE TO CONSTRUCTION ACTIVITY.
2. AGRECOL, SHORTGRASS PRAIRIE FOR DRY SOILS, APPLY GLYPHOSATE HERBICIDE TO AREA WHEN MAJORITY OF WEEDS ARE 2"-3" TALL. WAIT 10 DAYS THEN FINELY TILL THE SOIL ONLY 1"-2" DOWN AND PLANT IMMEDIATELY BY HAND BROADCASTING AT A RATE OF 11 LBS/ACRE. RAKE OR DRAG AREA LIGHTLY, COVERING THE SEED WITH ABOUT $\frac{1}{4}$" TO $\frac{1}{2}$" OF SOIL. ROLL AREA FIRMLY AFTER RAKING. MULCH PRAIRIE SEEDED AREAS LESS THAN 4:1 SLOPE WITH 1" OF WEED FREE STRAW MULCH. APPLY WISDOT NET-FREE CLASS 1, URBAN TYPE B EROSION MAT ON SLOPING AREAS STEEPER THAN 4:1. *REFER TO AGRECOL'S "NATIVE SEEDING INSTRUCTIONS" ON THEIR WEBSITE FOR DETAILED INSTRUCTIONS/GUIDELINES FOR SUCCESSFUL SEED ESTABLISHMENT AND MANAGEMENT. (LINK BELOW)

   HTTPS://WWW.AGRECOL.COM/NATIVE-SEEDING-INSTRUCTIONS_EP_44.HTML
3. 6' DIAMETER WOOD MULCH TREE RING, 3"-4" DEPTH, DARK BROWN COLOR, *ALL TREES PLANTED WITHIN SOD AREAS.
4. SHREDDED HARDWOOD MULCH, 3"-4" DEPTH, DARK BROWN COLOR.
5. DECORATIVE STONE MULCH, 3"-4" ROUND COBBLES, 4"-5" DEPTH, WITH COMMERCIAL GRADE WEED BARRIER FABRIC UNDERLAYMENT.
6. SHOVEL CUT EDGE, 4"-5" DEPTH CLEAN CUT EDGE AROUND PLANTING BEDS WITHIN SOD AREAS.
7. ACCENT BOULDERS, (48" X 18" X 18") LIMESTONE BLOCKS/CUBES, PLAN SYMBOL: ▭

PLANT SCHEDULE

SYMBOL	COMMON NAME	BOTANICAL NAME
DECIDUOUS TREES		
	Fall Fiesta® Sugar Maple	Acer saccharum 'Bailsta'
	Red Oak	Quercus rubra
	Swamp White Oak	Quercus bicolor
EVERGREEN TREES		
	White Spruce	Picea glauca
EVERGREEN SHRUBS		
	Kallay Compact Pfitzer Juniper	Juniperus chinensis 'Kallays Compact'
PERENNIALS		
	Goldsturm Coneflower	Rudbeckia fulgida sullivantii 'Goldsturm'
	Karl Foerster Feather Reed Grass	Calamagrostis x acutiflora 'Karl Foerster'
	Pale Purple Coneflower	Echinacea pallida
	Prairie Dropseed	Sporobolus heterolepis
	Shenandoah Switch Grass	Panicum virgatum 'Shenandoah'

REFER TO SHEET SP10.3 FOR COMPLETE PLANT SCHEDULE, NOTES AND SPECIFICATIONS.

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N

SCALE
0 20 40

LANDSCAPE PLAN NORTH

CONVENIENCE STORE #1283

STH 83 AND W. CAPITOL DRIVE
HARTLAND, WI

#	DATE	DESCRIPTION
1	12/06/23	N. DRIVEWAY REVISIONS

DRAWN BY NAP
SCALE GRAPHIC
PROJ. NO. 10827
DATE 01/3124 - PERMIT DOCUMENTS
SHEET SP10.1

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PLOTTED: JAN 31, 2024 - 5:59PM PLOTTED BY: ToddW

KEYED NOTES

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7. ACCENT BOULDERS, (48" X 18" X 18") LIMESTONE BLOCKS/CUBES, PLAN SYMBOL:

PLANT SCHEDULE

SYMBOL	COMMON NAME	BOTANICAL NAME
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	Red Oak	Quercus rubra
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	White Spruce	Picea glauca
EVERGREEN SHRUBS		
	Kallay Compact Pfitzer Juniper	Juniperus chinensis 'Kallays Compact'
PERENNIALS		
	Goldsturm Coneflower	Rudbeckia fulgida sullivantii 'Goldsturm'
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	Shenandoah Switch Grass	Panicum virgatum 'Shenandoah'

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PHONE: 715.675.9784 FAX: 715.675.4060
EMAIL: MAIL@REIENGINEERING.COM

N

SCALE
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LANDSCAPE PLAN SOUTH

CONVENIENCE STORE #1283

STH 83 AND W. CAPITOL DRIVE
HARTLAND, WI

#	DATE	DESCRIPTION
1	12/06/23	N. DRIVEWAY REVISIONS

DRAWN BY NAP
SCALE GRAPHIC
PROJ. NO. 10827
DATE 01/3124 - PERMIT DOCUMENTS
SHEET SP10.2

DRAWING FILE: Q:\10800 - 10899\10827 - KWIK TRIP #1283 - HARTLAND\DRAWING\PLANS\10827-SP10-LANDSCAPING.DWG LAYOUT: SP10.2
PLOTTED: JAN 31, 2024 - 6:05PM PLOTTED BY: TODDW

GENERAL NOTES:

(A) LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR LOCATING & VERIFYING ALL EXISTING UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION, AND IS RESPONSIBLE FOR ANY DAMAGE TO THEM DURING CONSTRUCTION.

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(C) ALL PLANT MATERIAL SHALL BE GUARANTEED ONE (1) FULL YEAR UPON TOTAL COMPLETION OF PROJECT AND ACCEPTANCE BY OWNER, WITH A ONE TIME REPLACEMENT WARRANTY UPON REQUEST BY OWNER. WARRANTY EXPIRES AFTER FIRST FULL YEAR FOLLOWING PROJECT COMPLETION.

(D) LANDSCAPE CONTRACTOR SHALL VERIFY MINIMUM 6" TOPSOIL DEPTH FOR ALL AREAS TO BE SEEDED/SODDED THROUGHOUT PROJECT SITE. CONTRACTOR IS REQUIRED TO CORRECT ANY DEFICIENCIES PRIOR TO SEED/SOD. TOPSOIL SHALL BE CLEAN AND FREE OF STONES, WEEDS AND OTHER UNDESIRABLE DEBRIS.

(E) LANDSCAPE CONTRACTOR SHALL VERIFY MINIMUM 12" PLANTING SOIL DEPTH FOR ALL PROPOSED PLANTING BED AREAS THROUGHOUT THE PROJECT SITE. CONTRACTOR IS REQUIRED TO CORRECT ANY DEFICIENCIES PRIOR TO PLANT INSTALLATION. PLANTING SOIL & AREA SHALL BE CLEAN AND FREE OF STONES, WEEDS, CONCRETE WASTE AND OTHER UNDESIRABLE DEBRIS.

(F) LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR REPAIRING TOPSOIL AND SEEDING OR SODDING ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITY, INCLUDING ALL R.O.W. AND ADJACENT PROPERTIES.

(G) CONTRACTOR SHALL CLEAN ALL PAVEMENT AREAS AFTER LANDSCAPE CONSTRUCTION ACTIVITIES ARE COMPLETE AND APPROVED BY OWNER. *THIS TO BE DONE DAILY AS DEEMED NECESSARY BY MUNICIPALITY.

KEYED NOTES

1. SOD, *ALL AREAS NOTED ON PLAN & ALL DISTURBED AREAS DUE TO CONSTRUCTION ACTIVITY.

2. (90,000 SF TOTAL) AGRECOL, SHORTGRASS PRAIRIE FOR DRY SOILS, APPLY GLYPHOSATE HERBICIDE TO AREA WHEN MAJORITY OF WEEDS ARE 2"-3" TALL. WAIT 10 DAYS THEN FINELY TILL THE SOIL ONLY 1"-2" DOWN AND PLANT IMMEDIATELY BY HAND BROADCASTING AT A RATE OF 11 LBS/ACRE. RAKE OR DRAG AREA LIGHTLY, COVERING THE SEED WITH ABOUT $\frac{1}{4}$" TO $\frac{1}{2}$" OF SOIL. ROLL AREA FIRMLY AFTER RAKING. MULCH PRAIRIE SEEDED AREAS LESS THAN 4:1 SLOPE WITH 1" OF WEED FREE STRAW MULCH. APPLY WISDOT NET-FREE CLASS 1, URBAN TYPE B EROSION MAT ON SLOPING AREAS STEEPER THAN 4:1. *REFER TO AGRECOL'S "NATIVE SEEDING INSTRUCTIONS" ON THEIR WEBSITE FOR DETAILED INSTRUCTIONS/GUIDELINES FOR SUCCESSFUL SEED ESTABLISHMENT AND MANAGEMENT. (LINK BELOW)

   HTTPS://WWW.AGRECOL.COM/NATIVE-SEEDING-INSTRUCTIONS_EP_44.HTML

3. 6' DIAMETER WOOD MULCH TREE RING, 3"-4" DEPTH, DARK BROWN COLOR, *ALL TREES PLANTED WITHIN SOD AREAS.

4. SHREDDED HARDWOOD MULCH, 3"-4" DEPTH, DARK BROWN COLOR.

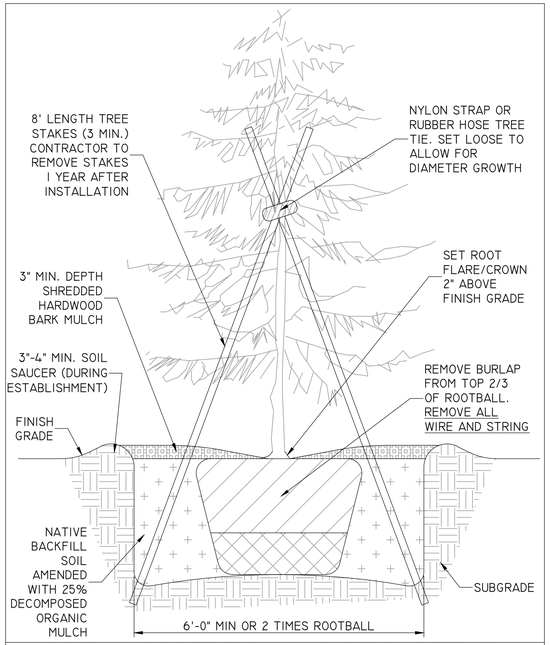
5. DECORATIVE STONE MULCH, 3"-4" ROUND COBBLES, 4"-5" DEPTH, WITH COMMERCIAL GRADE WEED BARRIER FABRIC UNDERLAYMENT.

6. SHOVEL CUT EDGE, 4"-5" DEPTH CLEAN CUT EDGE AROUND PLANTING BEDS WITHIN SOD AREAS.

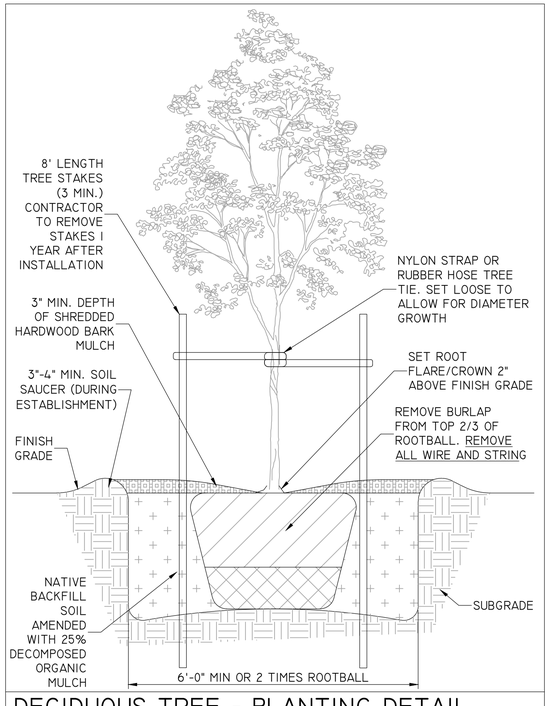
7. (25 EA TOTAL) ACCENT BOULDERS, (48" X 18" X 18") LIMESTONE BLOCKS/CUBES, PLAN SYMBOL:

PLANT SCHEDULE

SYMBOL	COMMON NAME	BOTANICAL NAME	SIZE	CONT.	QTY
DECIDUOUS TREES					
	Fall Fiesta® Sugar Maple	Acer saccharum 'Bailsta'	1.5" Cal.	B&B	5
	Red Oak	Quercus rubra	1.5" Cal.	B&B	8
	Swamp White Oak	Quercus bicolor	1.5" Cal.	B&B	13
EVERGREEN TREES					
	White Spruce	Picea glauca	3` Ht.	Pot	25
EVERGREEN SHRUBS					
	Kallay Compact Pfitzer Juniper	Juniperus chinensis 'Kallays Compact'	3 gal.	Pot	10
PERENNIALS					
	Goldsturm Coneflower	Rudbeckia fulgida sullivantii 'Goldsturm'	1 gal.	Pot	14
	Karl Foerster Feather Reed Grass	Calamagrostis x acutiflora 'Karl Foerster'	1 gal.	Pot	35
	Pale Purple Coneflower	Echinacea pallida	1 gal.	Pot	46
	Prairie Dropseed	Sporobolus heterolepis	1 gal.	Pot	34
	Shenandoah Switch Grass	Panicum virgatum 'Shenandoah'	1 gal.	Pot	38



EVERGREEN TREE - PLANTING DETAIL



DECIDUOUS TREE - PLANTING DETAIL

KWIK TRIP STORES

KWIK STAR STORES

KWIK TRIP, Inc.
P.O. BOX 2107
1626 OAK STREET
LA CROSSE, WI 54602-2107
PH. (608) 781-8988
FAX (608) 781-8960

REI
CIVIL & ENVIRONMENTAL ENGINEERING, SURVEYING
REI Engineering, INC.
4080 N. 20th AVENUE
WAUSAU, WISCONSIN 54401
PHONE: 715.675.9784 FAX: 715.675.4060
EMAIL: MAIL@REIENGINEERING.COM

LANDSCAPE NOTES, DETAILS & SPECIFICATIONS

CONVENIENCE STORE #1283

STH 83 AND W. CAPITOL DRIVE
HARTLAND, WI

#	DATE	DESCRIPTION
1	12/06/23	N. DRIVEWAY REVISIONS

DRAWN BY NAP
SCALE GRAPHIC
PROJ. NO. 10827
DATE 01/3124 - PERMIT DOCUMENTS
SHEET SP10.3

DRAWING FILE: Q:\10800 - 10899\10827 - KWIK TRIP #1283 - HARTLAND\DRAWING\PLANS\10827-SP10-LANDSCAPING.DWG LAYOUT: SP10.3
PLOTTED: JAN 31, 2024 - 6:11PM PLOTTED BY: TODDW

LOT LIGHT ELEVATION DETAIL

NOT TO SCALE

FIXTURE SYMBOLS:

- LED LIGHT MOUNTED UNDER FUEL CANOPIES
- LED STRIP LIGHT MOUNTED IN GABLE
- RECESSED LED DOWNLIGHT
- POLE MOUNTED LED FIXTURE
- CAMERA

FIXTURE TYPES:

D20 - RECESSED LED DOWNLIGHT
GOTHAM EVO-35/30-8AR-WD-120-TRW

S7E - LED STRIP LIGHT MOUNTED IN GABLE LITHONIA
TZL1N-L96-10000LM-FST-MVOLT

CF - LSI LIGHTING: SCV-LED-23L-SCFT-UNV-DIM-50-WHT MOUNTED UNDER GAS CANOPY MOUNT FIXTURES WITH FORWARD THROW OPTIC AIMING IN DIRECTION OF ARROW.

C5 - LSI LIGHTING: SCV-LED-15L-SC-UNV-DIM-50-WHT MOUNTED UNDER GAS CANOPY

CFBK - LSI LIGHTING: SCV-LED-23L-SCFT-UNV-DIM-50-BLK MOUNTED UNDER DIESEL CANOPY MOUNT FIXTURES WITH FORWARD THROW OPTIC AIMING IN DIRECTION OF ARROW.

P13- LSI LIGHTING: MRS-LED-18L-SIL-3-UNV-50-70CRI-WHT

P13L- LSI LIGHTING: MRS-LED-18L-SIL-3-UNV-50-70CRI-WHT-IL

P1F- LSI LIGHTING: MRS-LED-18L-SIL-FT-UNV-50-70CRI-WHT

P1FL- LSI LIGHTING: MRS-LED-18L-SIL-FT-UNV-50-70CRI-WHT-IL

GENERAL NOTES:

1. FOOTCANDLE LEVELS SHOWN ON THIS PLAN ARE CALCULATED AT GRADE LEVEL.
2. ALL POLES SHALL BE INSTALLED A MINIMUM OF 3'-0" FROM BACK OF CURB TO EDGE OF POLE BASE UNLESS NOTED.
3. POLE THAT ARE LOCATED AT CORNER OF ISLAND SHALL BE A MINIMUM OF 6'-0" FROM BACK OF CURB TO EDGE OF POLE BASE. POLES THAT MUST BE INSTALLED LESS THAN 6'-0" FROM BACK OF CURB TO EDGE OF POLE BASE SHALL HAVE PROTECTIVE BOLLARDS INSTALLED AROUND THE POLE BASE. COORDINATE WITH KWIK TRIP PRIOR TO INSTALLATION.

KEYED NOTES:

1. COORDINATE LOCATION AND MOUNTING HEIGHT OF SECURITY CAMERA WITH OWNER.
2. CONTRACTOR SHALL POLE MOUNT FIXTURE 2'-0" FROM BACK OF CURB TO EDGE OF POLE BASE.
3. CONTRACTOR SHALL POLE MOUNT FIXTURE 12'-0" FROM THE OVER DIG OF UNDERGROUND FUEL TANK TO EDGE OF POLE BASE.
4. CONTRACTOR SHALL POLE MOUNT FIXTURE 1'-0" FROM BACK OF SIDEWALK TO EDGE OF POLE BASE.
5. CONTRACTOR SHALL POLE MOUNT FIXTURE 9'-0" FROM BACK OF CURB TO EDGE OF POLE BASE.

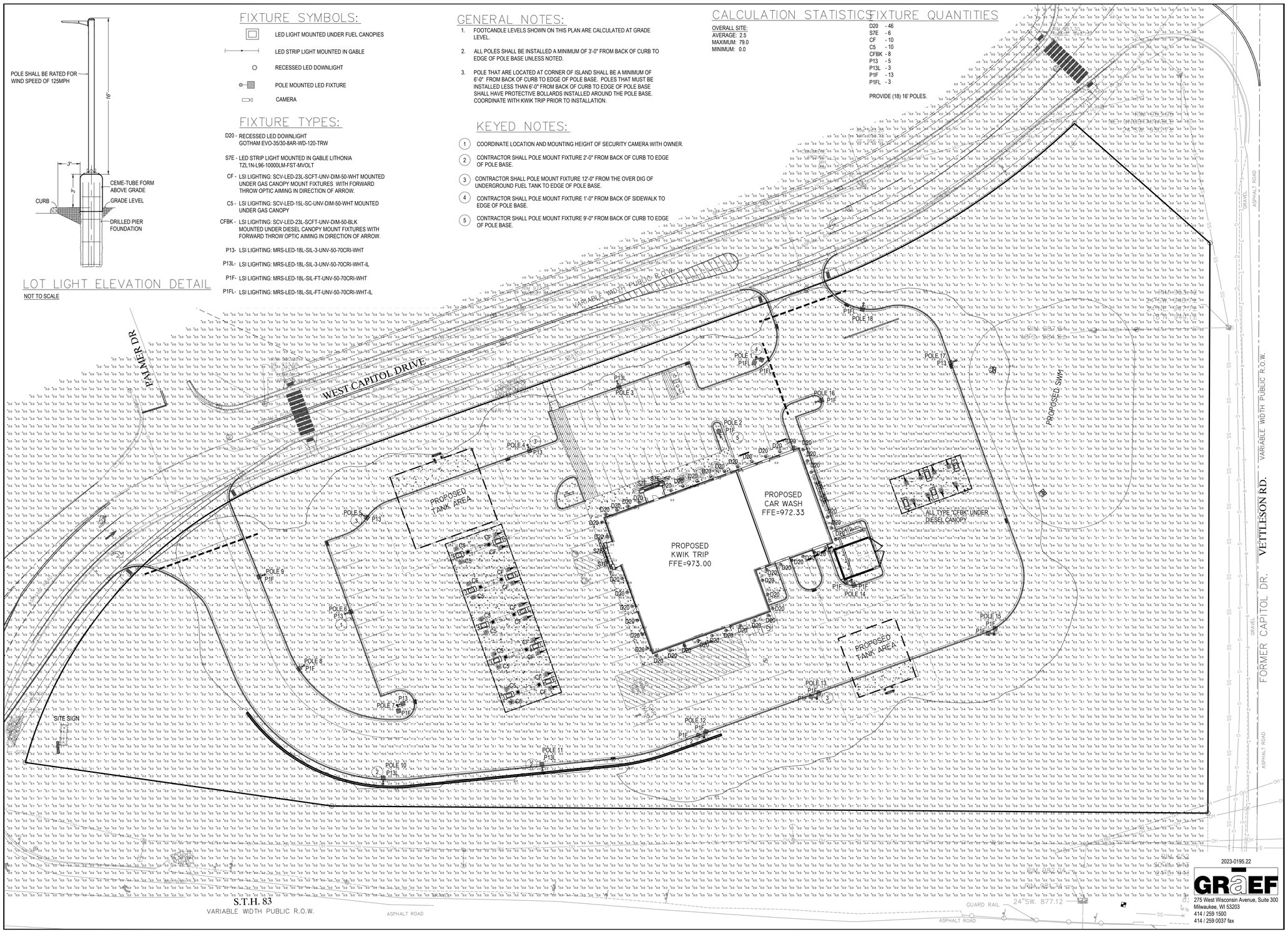
CALCULATION STATISTICS

OVERALL SITE:
AVERAGE: 2.5
MAXIMUM: 79.0
MINIMUM: 0.0

FIXTURE QUANTITIES

D20	46
S7E	6
CF	10
C5	10
CFBK	8
P13	5
P13L	3
P1F	13
P1FL	3

PROVIDE (18) 16' POLES.



2023-0195.22

GRAEF
275 West Wisconsin Avenue, Suite 300
Milwaukee, WI 53203
414 / 259 1500
414 / 259 0037 fax

KWIK TRIP™ STORES

KWIK STAR™ STORES

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P.O. BOX 2107
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EMAIL: MAIL@REIENGINEERING.COM

N

SCALE
0 30 60

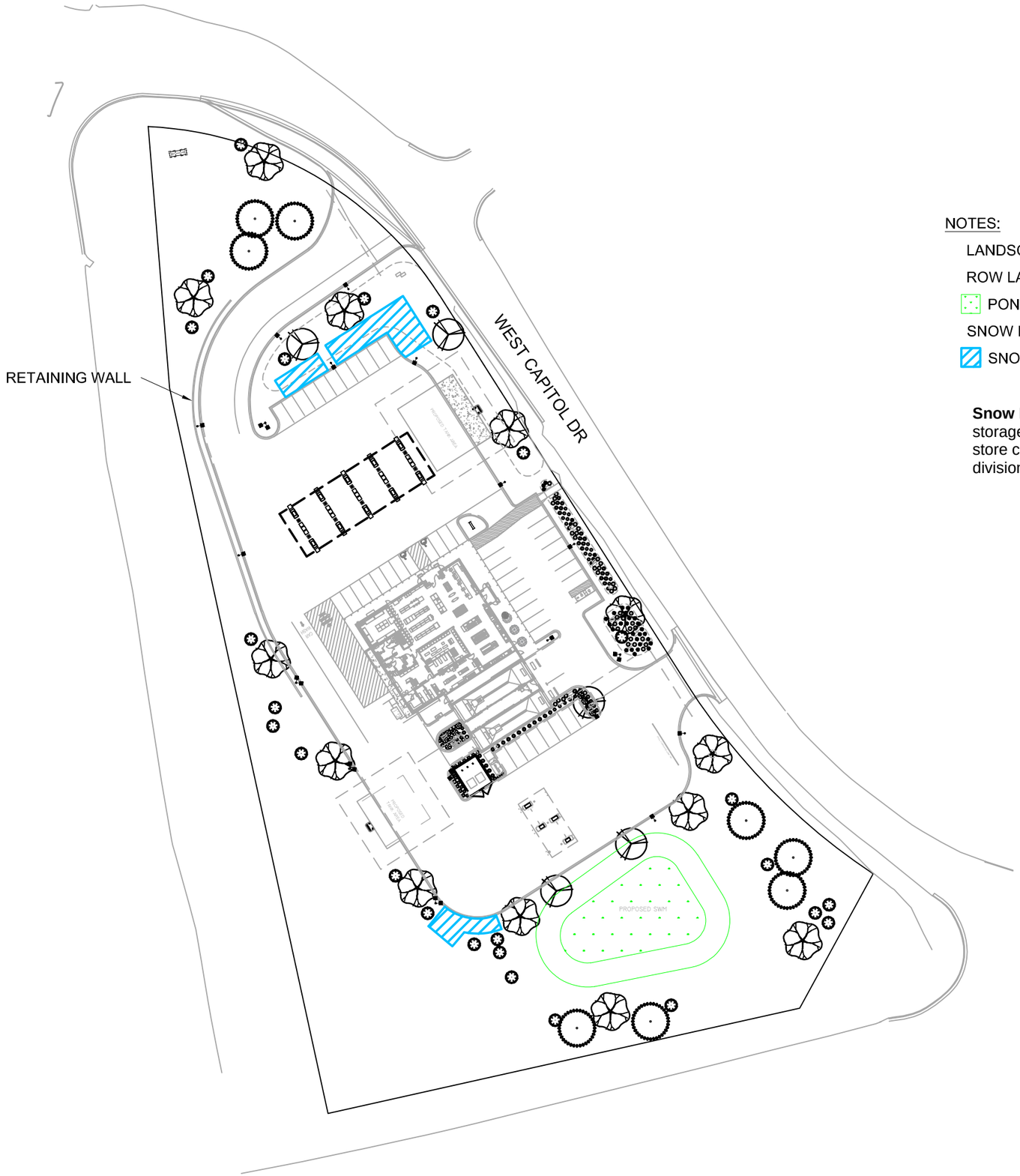
PHOTOMETRIC SITE PLAN

CONVENIENCE STORE #1283

STH 83 AND W. CAPITOL DRIVE
HARTLAND, WI

#	DATE	DESCRIPTION
1	12/06/23	N. DRIVEWAY REVISIONS

DRAWN BY	DLC
SCALE	GRAPHIC
PROJ. NO.	10827
DATE	01/3124 - PERMIT DOCUMENTS
SHEET	E1



NOTES:

LANDSCAPING/LAWN AREA: ≈137,671 S.F.

ROW LAWN AREA: ≈10,608 S.F.

POND AREA: ≈6,278 S.F.

SNOW PLOW AREA: ≈88,432 S.F.

SNOW STORAGE

Snow Removal Plan - Site is limited for snow storage. When onsite storage is exceeded the retail store communicates that to our Special Services division and they coordinate costs for hauling off site

KWIK TRIP

KWIK STAR

KWIK TRIP, Inc.
P.O. BOX 2107
1626 OAK STREET
LA CROSSE, WI 54602-2107
PH. (608) 781-8988
FAX (608) 781-8960

PROPOSED CLOSE OUT PLAN

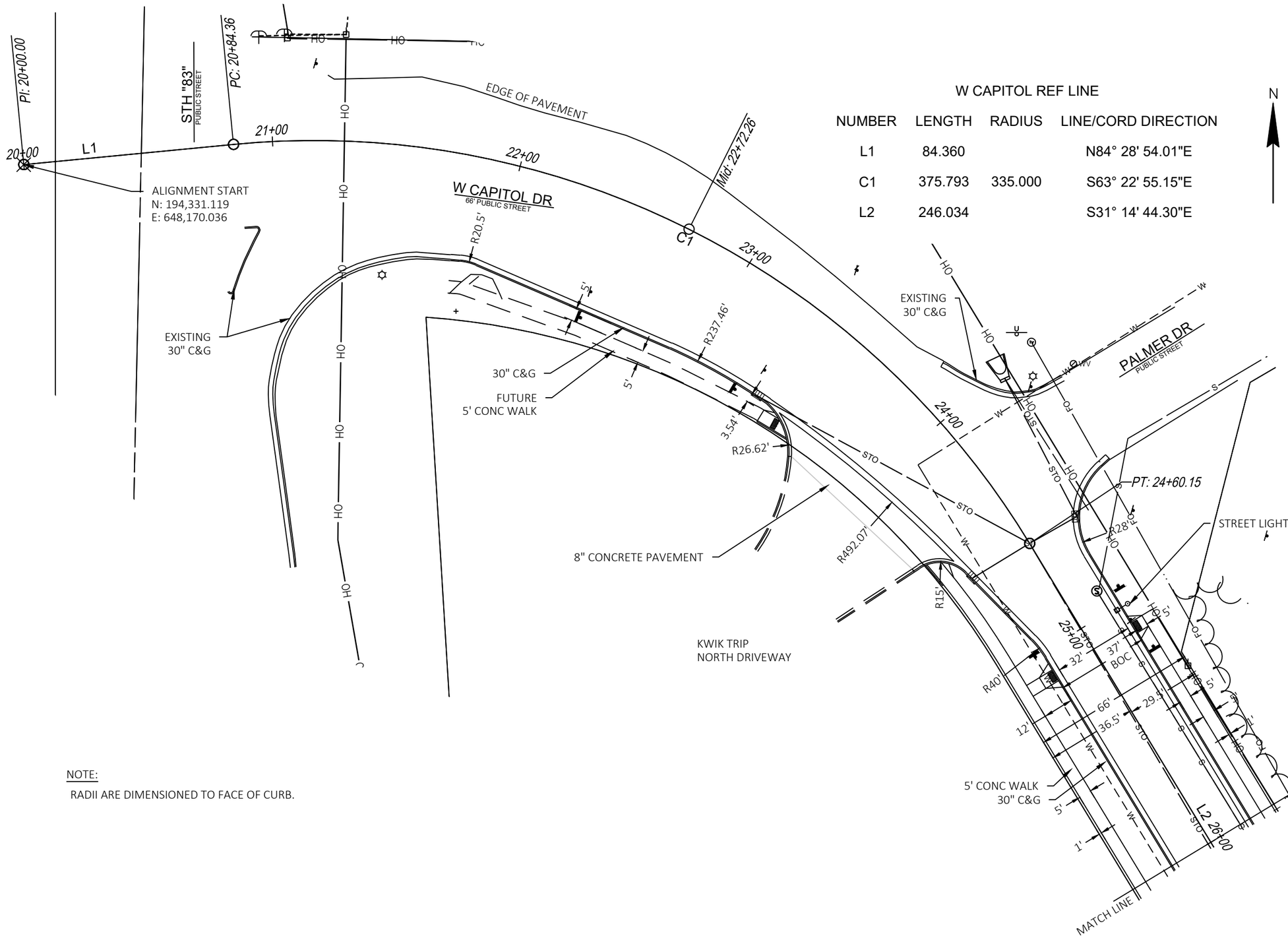
GEN 3 CONVENIENCE STORE #1283
WITH 10 MPD, 2 DIESEL

WEST CAPITOL DR
HARTLAND, WI

#	DATE	DESCRIPTION

DRAWN BY	MJM
SCALE	1" = 90'-0"
REAL ESTATE REP	0001
DATE	2024-01-17
SHEET	SP1

2



W CAPITOL REF LINE

NUMBER	LENGTH	RADIUS	LINE/CORD DIRECTION
L1	84.360		N84° 28' 54.01"E
C1	375.793	335.000	S63° 22' 55.15"E
L2	246.034		S31° 14' 44.30"E

N

NOTE:

RADII ARE DIMENSIONED TO FACE OF CURB.

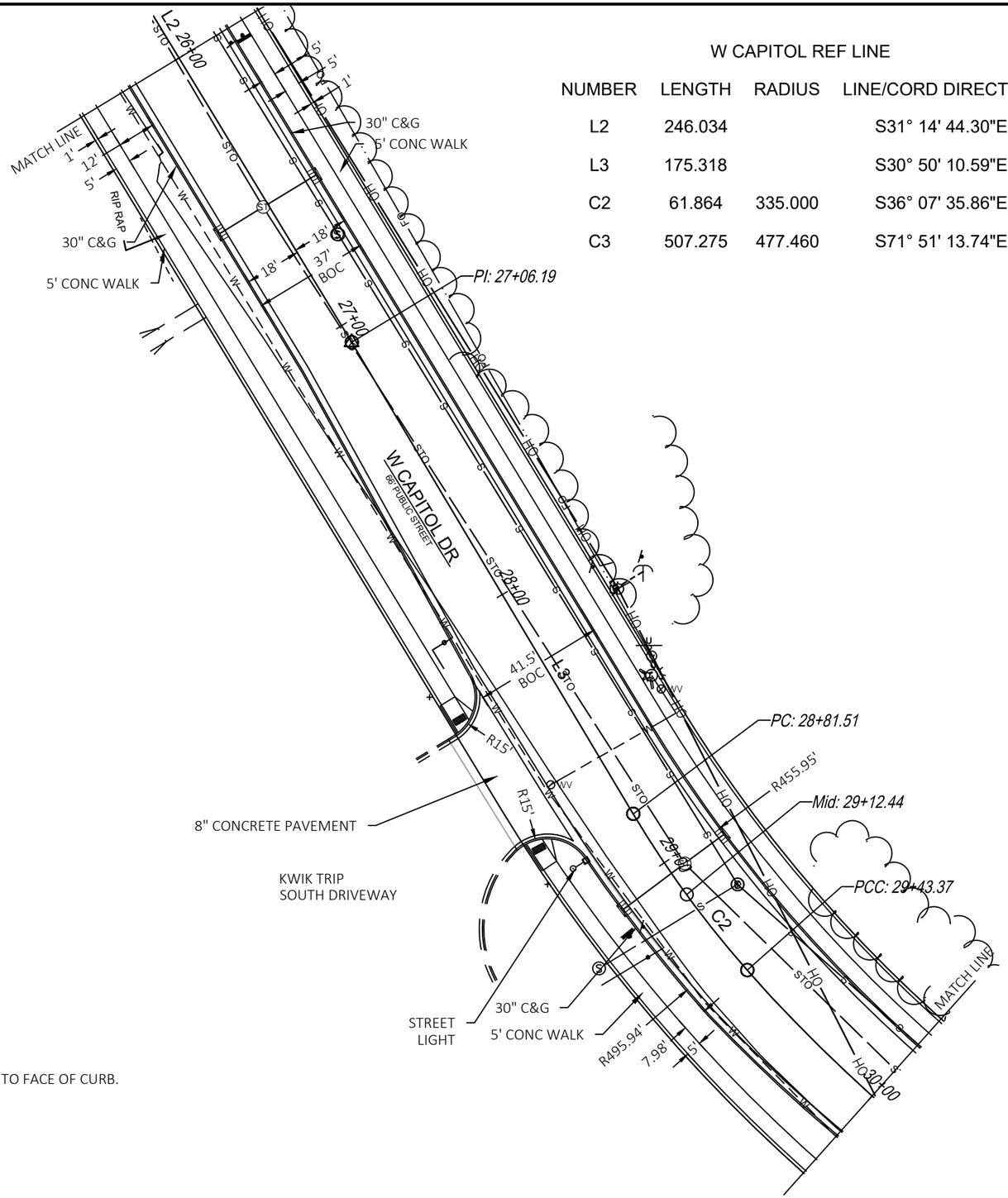
PROJECT NO: 490823	HWY: STH 83	COUNTY: WAUKESHA	ALIGNMENT PLAN	SHEET 9	E

FILE NAME : S:\DESIGN & CONSTRUCTION SERVICES\080-C3D\KWIK TRIP\HARTLAND CAPITOL DR\030-SHEETSPLAN\050 - ROADWAY ALIGNMENT.DWG
LAYOUT NAME - RDWY GEOMETRY
PLOT DATE : 2/2/2024 1:31 PM
PLOT BY : STEVE KOLAR
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

W CAPITOL REF LINE

NUMBER	LENGTH	RADIUS	LINE/CORD DIRECTION
L2	246.034		S31° 14' 44.30"E
L3	175.318		S30° 50' 10.59"E
C2	61.864	335.000	S36° 07' 35.86"E
C3	507.275	477.460	S71° 51' 13.74"E



NOTE:

RADII ARE DIMENSIONED TO FACE OF CURB.

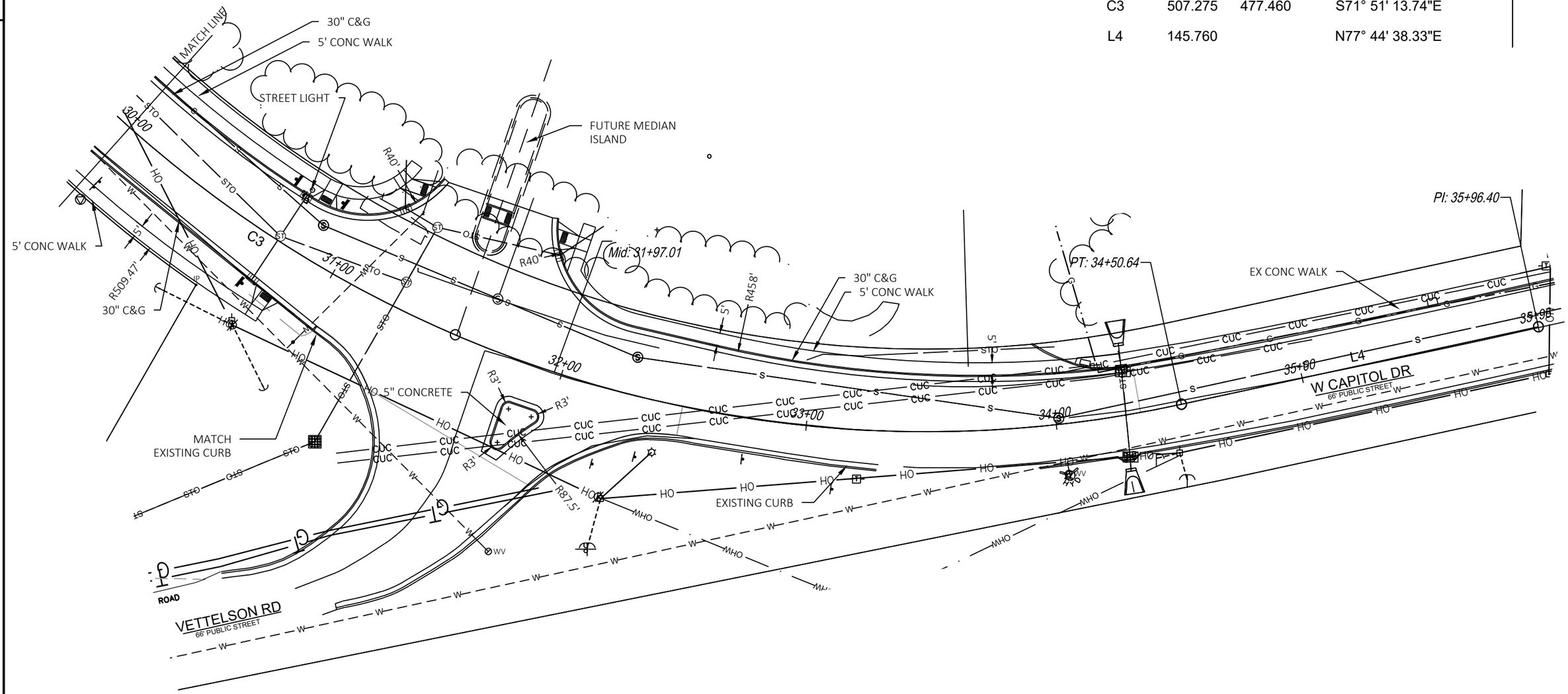
PROJECT NO: 490823	HWY: STH 83	COUNTY: WAUKESHA	ALIGNMENT PLAN	SHEET 10	E

2

W CAPITOL REF LINE

NUMBER	LENGTH	RADIUS	LINE/CORD DIRECTION
C3	507.275	477.460	S71° 51' 13.74"E
L4	145.760		N77° 44' 38.33"E

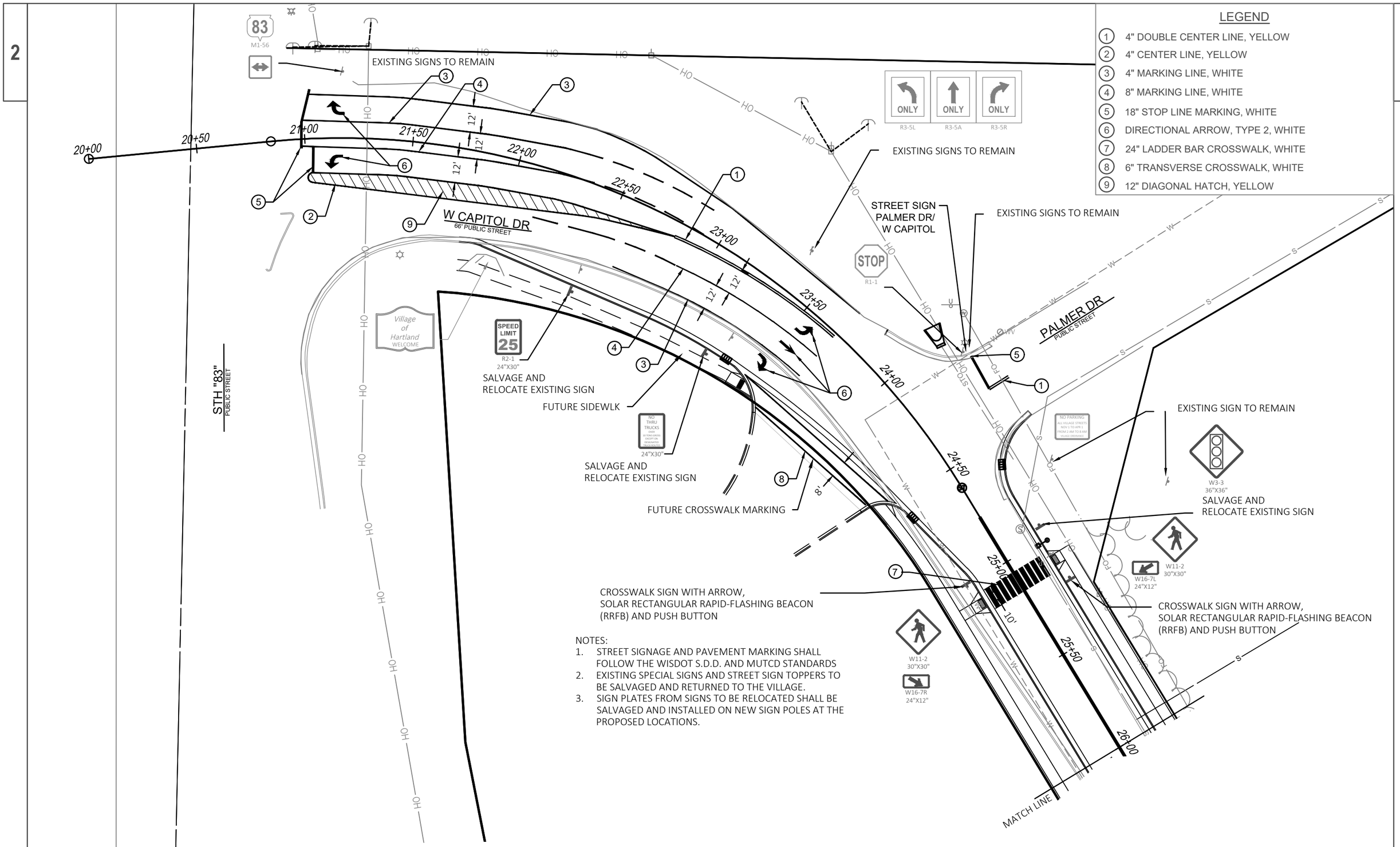
N



NOTE:

RADII ARE DIMENSIONED TO FACE OF CURB.

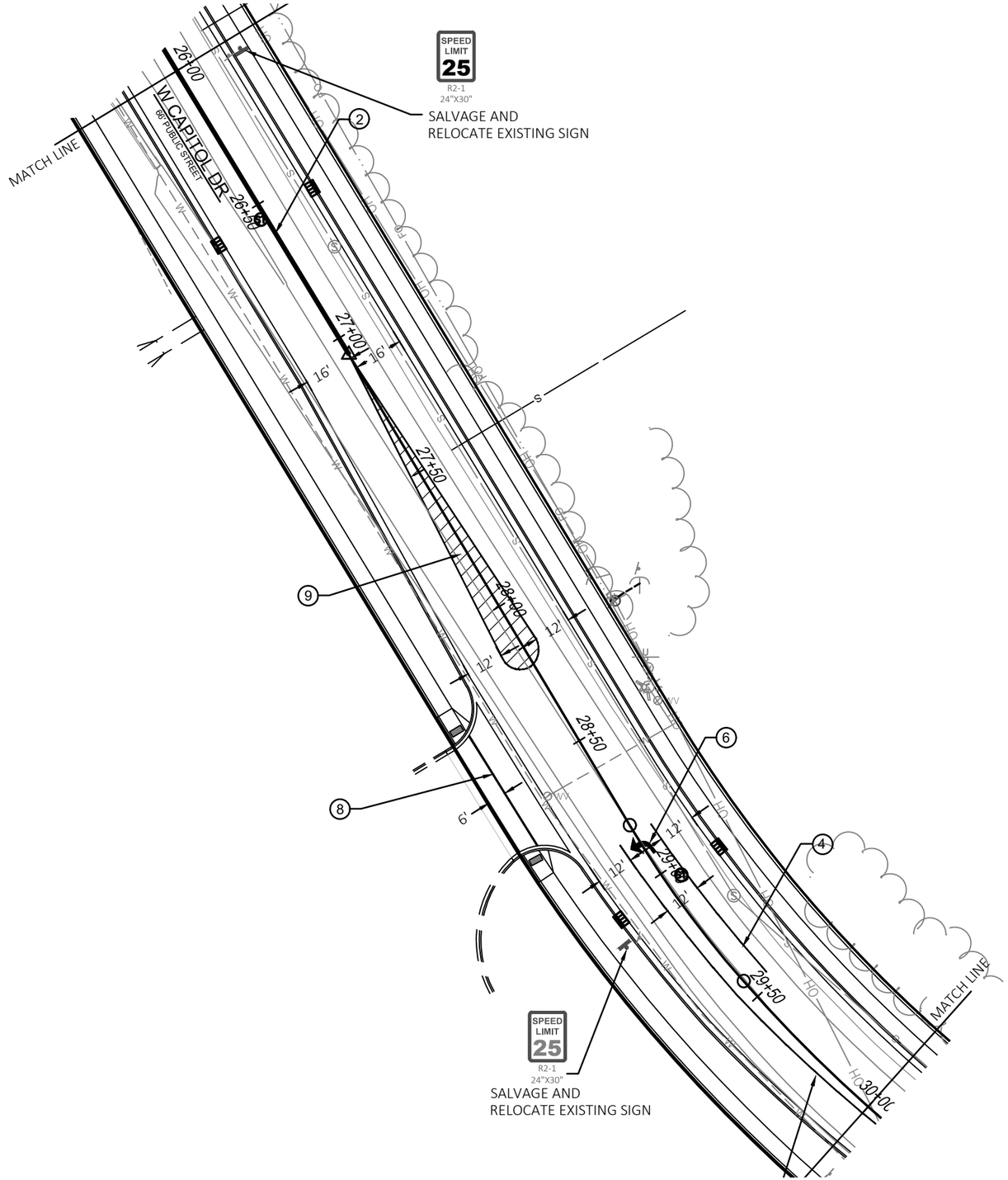
PROJECT NO: 490823	HWY: STH 83	COUNTY: WAUKESHA	ALIGNMENT PLAN	SHEET 11	E



NOTES:
1. STREET SIGNAGE AND PAVEMENT MARKING SHALL FOLLOW THE WISDOT S.D.D. AND MUTCD STANDARDS
2. EXISTING SPECIAL SIGNS AND STREET SIGN TOPPERS TO BE SALVAGED AND RETURNED TO THE VILLAGE.
3. SIGN PLATES FROM SIGNS TO BE RELOCATED SHALL BE SALVAGED AND INSTALLED ON NEW SIGN POLES AT THE PROPOSED LOCATIONS.

PROJECT NO: 490823	HWY: STH 83	COUNTY: WAUKESHA	PAVEMENT MARKING & SIGNAGE PLAN	SHEET 18	E

FILE NAME : S:\DESIGN & CONSTRUCTION SERVICES\080-C3D\KWIK TRIP\HARTLAND CAPITOL DR\030-SHEETSPLAN\080 - PAVEMENT MARKING PLAN.DWG
LAYOUT NAME - PVMT MARKING & SIGNS 1
PLOT DATE : 2/2/2024 1:49 PM PLOT BY : STEVE KOLAR PLOT NAME : PLOT SCALE : 1 IN:40 FT



LEGEND

1. 4" DOUBLE CENTER LINE, YELLOW
2. 4" CENTER LINE, YELLOW
3. 4" MARKING LINE, WHITE
4. 8" MARKING LINE, WHITE
5. 18" STOP LINE MARKING, WHITE
6. DIRECTIONAL ARROW, TYPE 2, WHITE
7. 24" LADDER BAR CROSSWALK, WHITE
8. 6" TRANSVERSE CROSSWALK, WHITE
9. 12" DIAGONAL HATCH, YELLOW

N

NOTES:

1. STREET SIGNAGE AND PAVEMENT MARKING SHALL FOLLOW THE WISDOT S.D.D. AND MUTCD STANDARDS
2. EXISTING SPECIAL SIGNS AND STREET SIGN TOPPERS TO BE SALVAGED AND RETURNED TO THE VILLAGE.
3. SIGN PLATES FROM SIGNS TO BE RELOCATED SHALL BE SALVAGED AND INSTALLED ON NEW SIGN POLES AT THE PROPOSED LOCATIONS.

2

PROJECT NO: 490823	HWY: STH 83	COUNTY: WAUKESHA	PAVEMENT MARKING & SIGNAGE PLAN	SHEET 19	E

FILE NAME : S:\DESIGN & CONSTRUCTION SERVICES\080-C3D\KWIK TRIP\HARTLAND CAPITOL DR\030-SHEETSPLAN\080 - PAVEMENT MARKING PLAN.DWG
LAYOUT NAME - PVMT MARKING & SIGNS 2
PLOT DATE : 2/2/2024 1:49 PM
PLOT BY : STEVE KOLAR
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

NOTES:
1. STREET SIGNAGE AND PAVEMENT MARKING SHALL FOLLOW THE WISDOT S.D.D. AND MUTCD STANDARDS
2. EXISTING SPECIAL SIGNS AND STREET SIGN TOPPERS TO BE SALVAGED AND RETURNED TO THE VILLAGE.
3. SIGN PLATES FROM SIGNS TO BE RELOCATED SHALL BE SALVAGED AND INSTALLED ON NEW SIGN POLES AT THE PROPOSED LOCATIONS.

LEGEND

1. 4" DOUBLE CENTER LINE, YELLOW
2. 4" CENTER LINE, YELLOW
3. 4" MARKING LINE, WHITE
4. 8" MARKING LINE, WHITE
5. 18" STOP LINE MARKING, WHITE
6. DIRECTIONAL ARROW, TYPE 2, WHITE
7. 24" LADDER BAR CROSSWALK, WHITE
8. 6" TRANSVERSE CROSSWALK, WHITE
9. 12" DIAGONAL HATCH, YELLOW

N

SALVAGE AND RELOCATE EXISTING SIGN

SPEED LIMIT 25
R2-1
24"X30"

W11-2
30"X30"

W16-7L
24"X12"

CROSSWALK SIGN WITH ARROW, SOLAR RECTANGULAR RAPID-FLASHING BEACON (RRFB) AND PUSH BUTTON

W CAPITOL DR
66' PUBLIC STREET

VETTELSON RD
66' PUBLIC STREET

30+50
31+00
31+50
32+00
32+50
33+00
33+50
34+00
34+50
35+00
35+50
35+96

10'
12'
12'
12.5'

NO THRU TRUCKS
24"X30"

HARTLAND
Business District

STOP
R1-1

STREET SIGN
VETTELSON DR/
W CAPITOL DR

W11-2
30"X30"

W16-7R
24"X12"

CROSSWALK SIGN WITH ARROW, SOLAR RECTANGULAR RAPID-FLASHING BEACON (RRFB) AND PUSH BUTTON

EXISTING SIGNS TO REMAIN

PROJECT NO: 490823	HWY: STH 83	COUNTY: WAUKESHA	PAVEMENT MARKING & SIGNAGE PLAN	SHEET 20	E

FILE NAME : S:\DESIGN & CONSTRUCTION SERVICES\080-C3D\KWIK TRIP\HARTLAND CAPITOL DR\030-SHEETSPLAN\080 - PAVEMENT MARKING PLAN.DWG
LAYOUT NAME - PVMT MARKING & SIGNS 3
PLOT DATE : 2/2/2024 1:50 PM
PLOT BY : STEVE KOLAR
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42