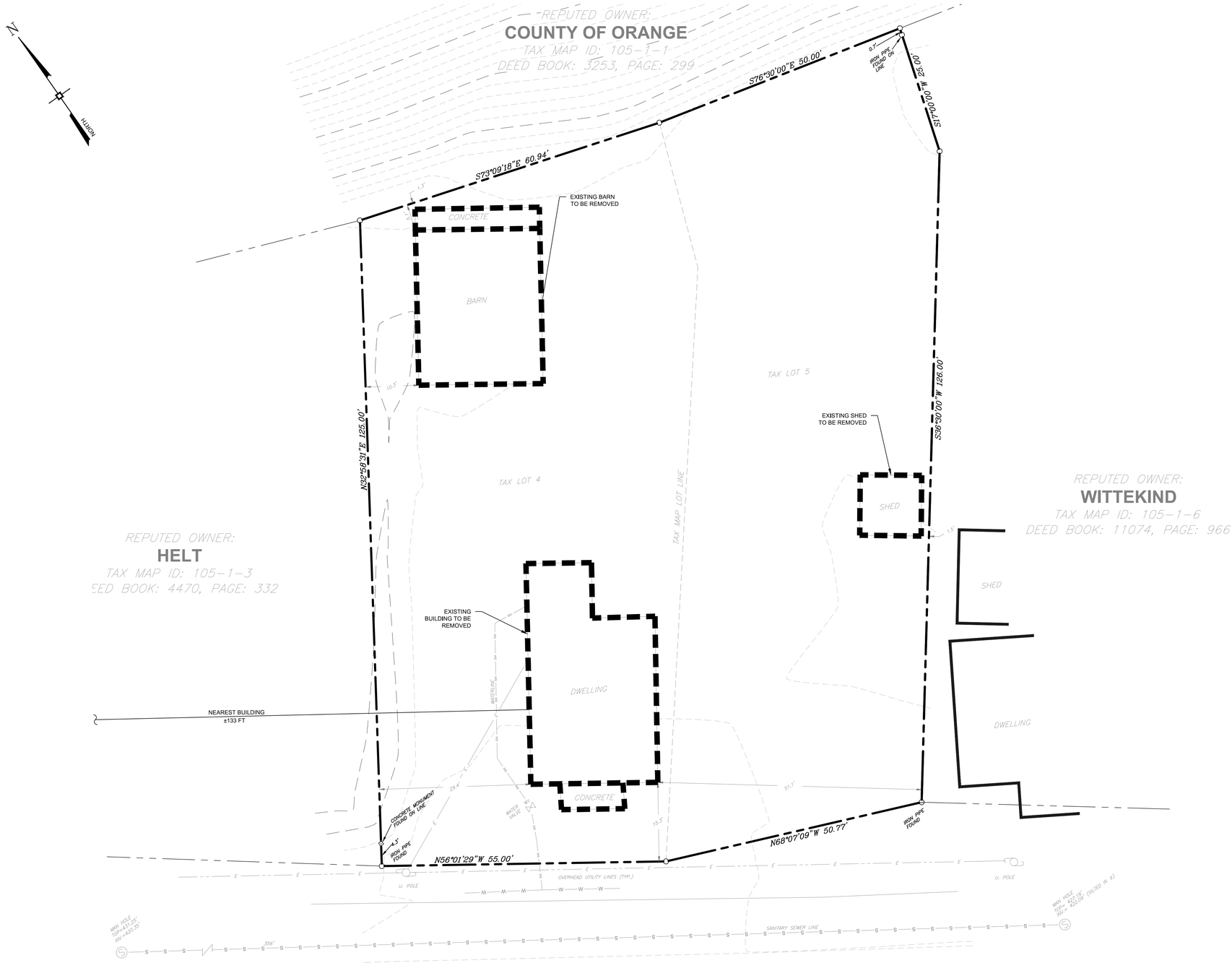

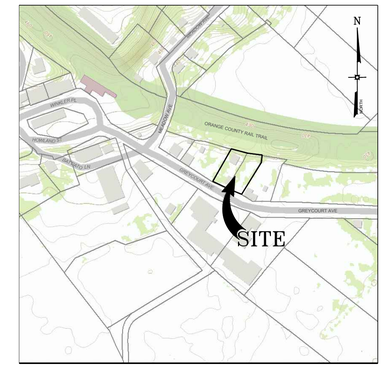

LOCATION MAP

GENERAL NOTES

1. TAX MAP IDENTIFICATION NUMBER: SECTION 105, BLOCK 1, LOT 4&5
2. TOTAL AREA OF SUBJECT PARCEL: 0.349± ACRES.
3. BOUNDARY AND TOPOGRAPHICAL INFORMATION BASED UPON A SURVEY AS PREPARED BY JOHN A. MCGLOIN, DATED DECEMBER 9, 2019.
4. OWNER/APPLICANT:

   LOT 5
   LEWIS DONNELLY
   67 LESLIE ROAD
   NEWBURGH, NY 12550

   LOT 4
   MOUNTAIN PARADISE BUILDER, INC
   555 MT AIRY RD
   NEW WINDSOR, NY 12553
5. LOT IS SERVICED BY VILLAGE WATER AND SEWER.
6. ANTICIPATED COMPLETION DATE JUNE 2021.

VILLAGE OF CHESTER PLANNING BOARD APPROVAL BOX

PB 20-01 105-1-4&5

No.	DATE	DESCRIPTION
1	05/13/20	REVISED PER ENGINEER'S COMMENTS ON 4/28/2020

DRAWING STATUS	ISSUE DATE: 05/13/2020		
THIS SHEET IS PART OF THE PLAN SET ISSUED FOR	SHEET NUMBER		
☐ CONCEPT APPROVAL	N/A	OF	N/A
☑ PLANNING BOARD APPROVAL	1	OF	5
☐ OCDOH REALTY SUBDIVISION APPROVAL	N/A	OF	N/A
☐ OCDOH WATERMAIN EXTENSION APPROVAL	N/A	OF	N/A
☐ NYSDEC APPROVAL	N/A	OF	N/A
☐ NYSDOT APPROVAL	N/A	OF	N/A
☐ OTHER	N/A	OF	N/A
☐ FOR BID	N/A	OF	N/A
☐ FOR CONSTRUCTION	N/A	OF	N/A

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ROSS WINGLOVITZ, P.E.
NEW YORK LICENSE # 071701

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1 inch = 10 ft.

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EXISTING CONDITIONS/ DEMOLITION PLAN

DONNELLY MIXED-USE BUILDING
7 GREYCOURT AVENUE
VILLAGE OF CHESTER
ORANGE COUNTY, NEW YORK

JOB #: 1246.03	DRAWN BY: MP	EX-1
DATE: 03/24/2020	SCALE: 1"=10'	
REVISION: 1 - 05/13/2020	TAX LOT: 105-1-4 & 5	

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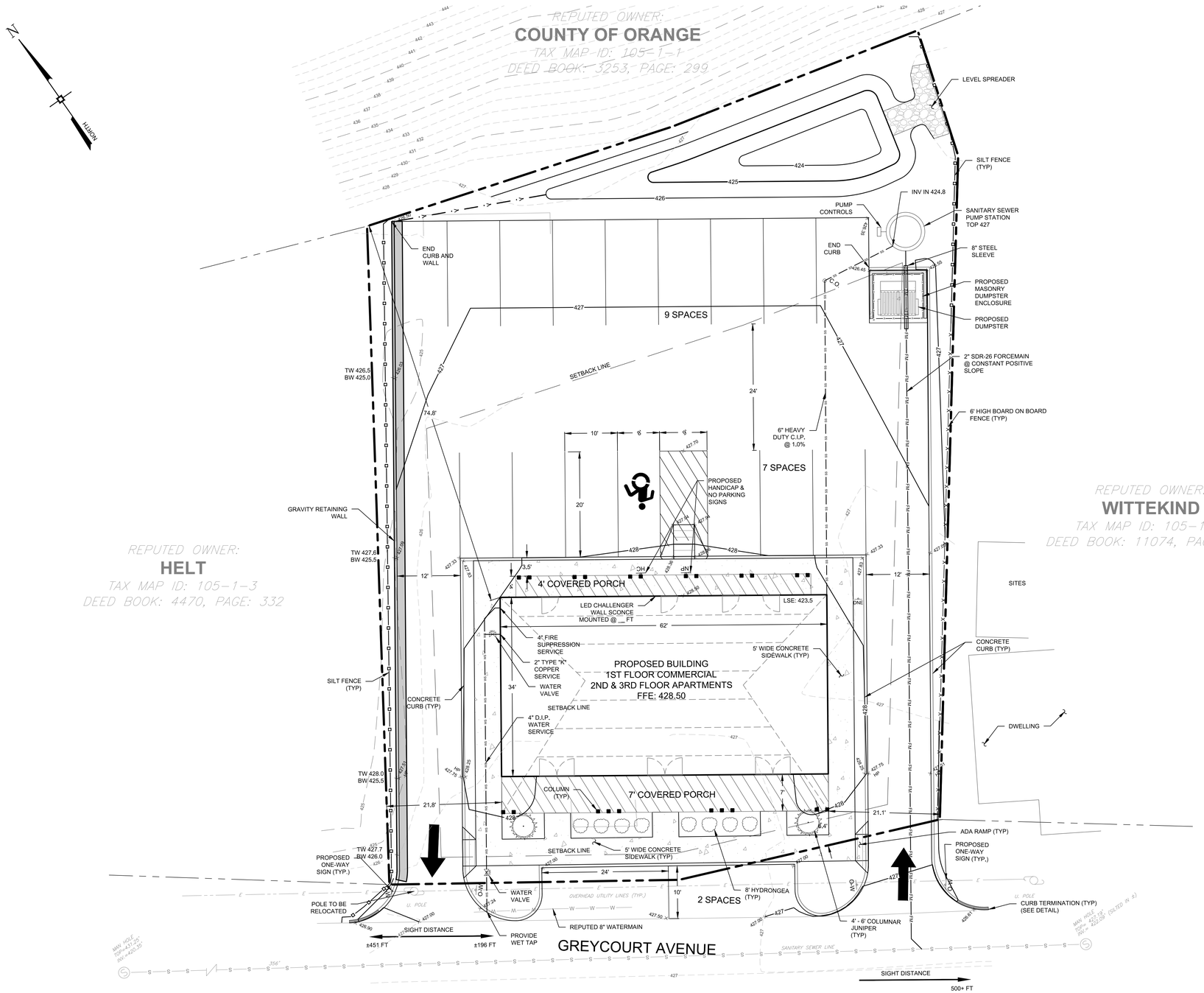
C:\EP Projects\CAD\1246.03 - Donnelly - Greycourt Ave\Site Plan.dwg
Date Printed: May 14, 2020, 10:44am



PARKING REQUIREMENTS

RETAIL AREA:	2108 S.F.
TOTAL SPACES REQUIRED:	1 SPACE PER 400 SF = 6 SPACES
RESIDENTIAL UNIT:	(6) 1-BEDROOM APARTMENTS
TOTAL SPACES REQUIRED:	2 SPACE PER 1-UNIT = 12 SPACES
TOTAL SPACES REQUIRED:	18 SPACES
TOTAL SPACES PROVIDED:	18 SPACES

BULK REQUIREMENTS

VILLAGE OF CHESTER - ZONING DISTRICT B-1

PERMITTED USE: #2 - RETAIL ESTABLISHMENT

ACCESSORY USE: #4 - 1 BEDROOM AND/OR EFFICIENCY APARTMENT ABOVE RETAIL ESTABLISHMENT

MINIMUM BUILDING REQUIREMENTS	REQUIRED	PROPOSED
FRONT YARD	5 FEET	6.4 FEET
REAR YARD	40 FEET	74.8 FEET
SIDE YARD (ONE/BOTH)	10/20 FEET	21.1/42.9 FEET
MAXIMUM ALLOWABLE		
MAXIMUM BUILDING HEIGHT	3 STORIES (35 FT)	3 STORIES (<35 FT)

VILLAGE OF CHESTER PLANNING BOARD APPROVAL BOX

PB 20-01 105-1-4&5

No.	DATE	DESCRIPTION
1	05/13/20	REVISED PER ENGINEER'S COMMENTS ON 4/28/2020

DRAWING STATUS	ISSUE DATE: 05/13/2020		
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☑ PLANNING BOARD APPROVAL	2	OF	5
☐ OCDOH REALTY SUBDIVISION APPROVAL	N/A	OF	N/A
☐ OCDOH WATERMAIN EXTENSION APPROVAL	N/A	OF	N/A
☐ NYSDEC APPROVAL	N/A	OF	N/A
☐ NYSDOT APPROVAL	N/A	OF	N/A
☐ OTHER	N/A	OF	N/A
☐ FOR BID	N/A	OF	N/A
☐ FOR CONSTRUCTION	N/A	OF	N/A

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SITE PLAN

DONNELLY MIXED-USE BUILDING
7 GREYCOURT AVENUE
VILLAGE OF CHESTER
ORANGE COUNTY, NEW YORK

JOB #: 1246.03	DRAWN BY: MP	C-1
DATE: 03/24/2020	SCALE: 1"=10'	
REVISION: 1 - 05/13/2020	TAX LOT: 105-1-4 & 5	

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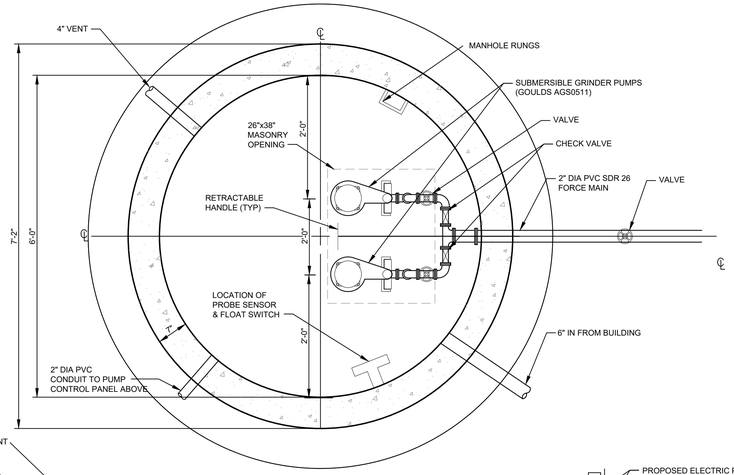
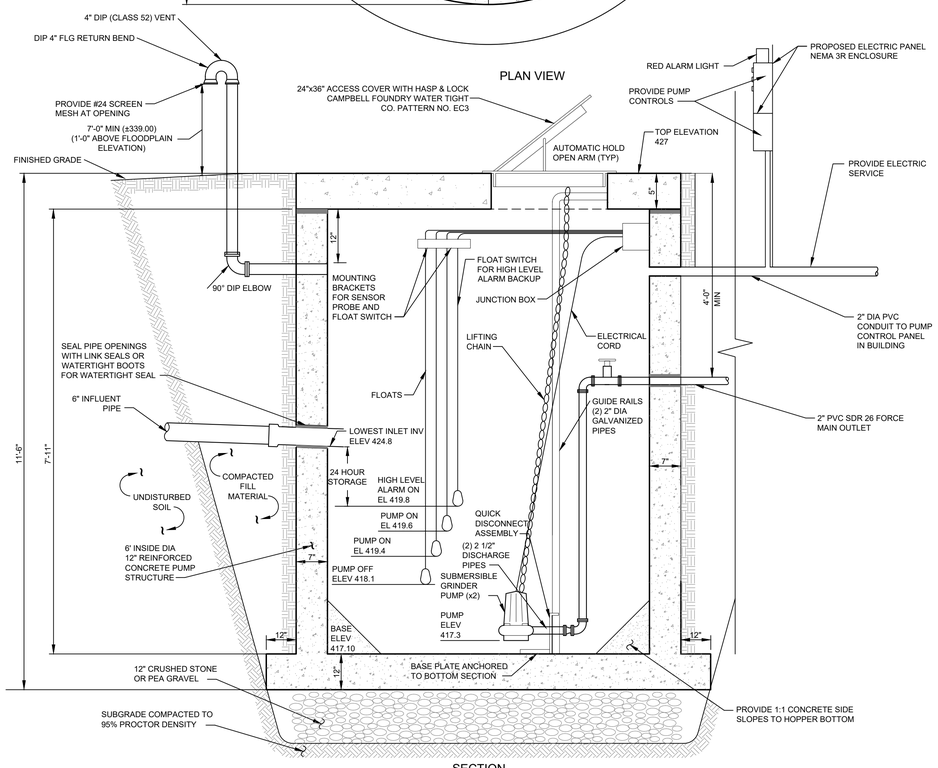


PLAN VIEW



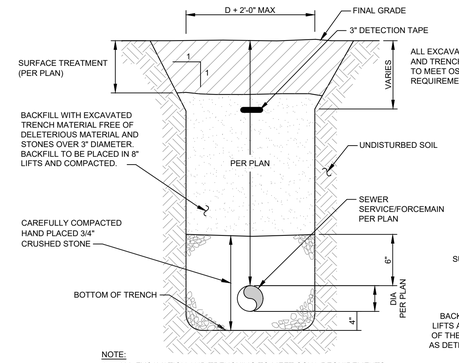
SECTION

NOTES:

1. REFER TO SITE PLAN FOR ACTUAL ORIENTATION OF INLET, VENT, CONTROL PANEL CONDUIT AND DISCHARGE PIPING.
2. THICKNESS SHOWN ARE MINIMUM. PUMP STATION CONCRETE REINFORCEMENT TO BE DESIGNED BY THE MANUFACTURER.
3. PUMP STATION SHALL BE INSPECTED PERIODICALLY BY A PROPERLY TRAINED PERSON FOR PROPER OPERATION, INCLUDING HIGH WATER ALARMS, VENTING AND ANY PHYSICAL DAMAGE.
4. PUMP STATION TO BE INSTALLED PER NEC REQUIREMENTS.

MAIN SANITARY SEWER PUMP STATION

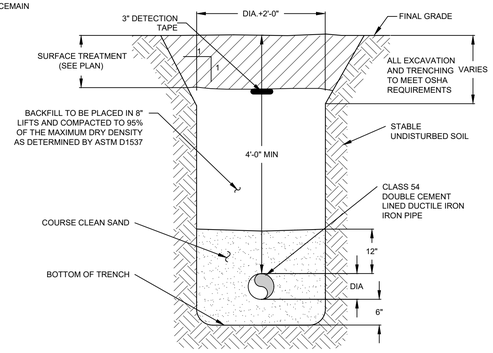
SCALE: NTS



NOTE:

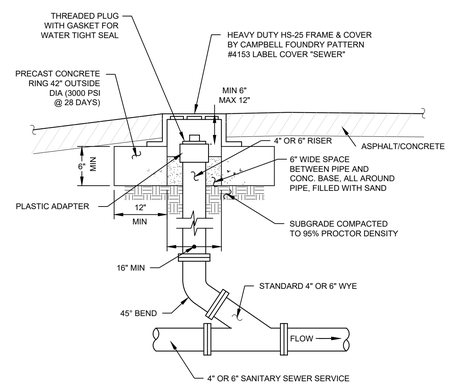
1. ALL EXCAVATION AND TRENCHING TO MEET OSHA REQUIREMENTS.

SEWER PIPE TRENCH



WATER PIPE TRENCH

SCALE: NTS

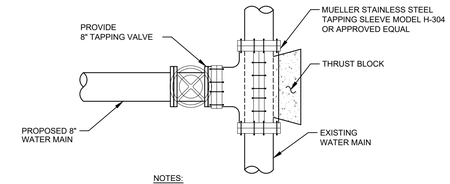


NOTE:

1. ALL PIPING TO BE PVC SDR 35.
2. CLEANOUTS SHALL BE SPACED AT INTERVALS NO MORE THAN 75 FEET APART.

TYPICAL CLEANOUT IN PAVED AREA

SCALE: NTS

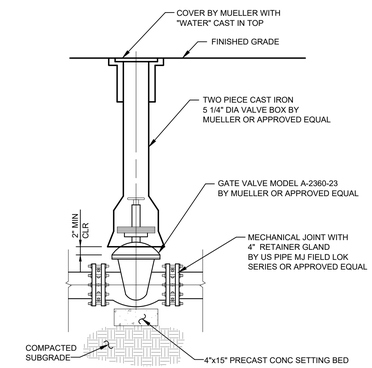


NOTES:

1. WET TAP TO BE PERFORMED BY CONTRACTOR WITH ENGINEER OR REPRESENTATIVE OF VILLAGE OF CHESTER WATER DEPARTMENT ON SITE.
2. CONTRACTOR TO CONTACT VILLAGE OF MONTGOMERY WATER DEPARTMENT FOR INSTALLATION REQUIREMENTS.

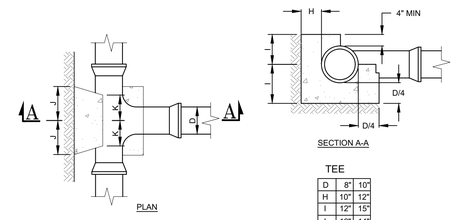
WET TAP

SCALE: NTS



VALVE AND VALVE BOX

SCALE: NTS



TEE

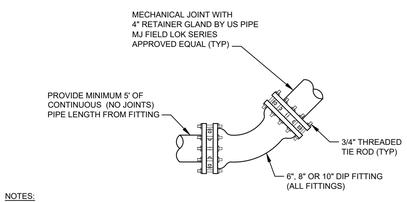
D	8"	10"
H	10"	12"
I	12"	15"
J	12"	14"
K	8"	8"

NOTES:

1. ALL CONCRETE TO BE 3000 PSI.
2. ALL THRUST BLOCKS TO BE CARRIED TO UNDISTURBED EARTH.
3. THRUST BLOCK DIMENSIONS SHOWN ARE MINIMUM.
4. ALL FITTINGS ARE TO INCLUDE THRUST BLOCKS AND RETAINER GLANDS.

THRUST BLOCK

SCALE: NTS



NOTES:

4" DUCTILE IRON PIPE

8X4 TEE RESTRAIN ALL JOINTS WITHIN 38 FEET OF FITTING
45° RESTRAIN ALL JOINTS WITHIN 6 FEET OF FITTING
DEAD END RESTRAIN ALL JOINTS WITHIN 27 FEET OF FITTING

PIPE RESTRAINT (RETAINER GLAND) DETAIL

SCALE: NTS

PUMP STATION CALCULATIONS

24 HOUR STORAGE CALCULATIONS:

24 HOUR STORAGE = 998 GAL / 7.48 GAL/CF = 133.4 CF
24 HOUR STORAGE HEIGHT = 133.4 CF / (3.14) $(3')^2$ = 4.7 FT
24 HOUR STORAGE AVAILABLE TO INVERT IN = 5.0 FT

SEWER DEMAND NOTES

RESIDENTIAL (6 BEDROOMS TOTAL)	6 BEDROOMS	@	110 GPD/BR	=	660 GPD
COMMERCIAL	2108 S.F. *	@	0.16 GPD/S.F.	=	338 GPD
	TOTAL DESIGN FLOW RATE			=	998 GPD

* NO KNOWN COMMERCIAL TENANT AT THIS TIME. 2 TIMES STANDARD RATE OF 0.08 GPD/S.F. USED AS A CONSERVATIVE AMOUNT TO CALCULATE WATER/SEWER DEMAND.

PUMP STATION SPECIFICATIONS

PUMPS SHALL BE CAPABLE OF DELIVERING A MINIMUM OF 26 GALLONS PER MINUTE AGAINST A TOTAL DYNAMIC HEAD OF 10.2 FEET. PUMPS SHALL BE SUBMERSIBLE GRINDER TYPE AS MANUFACTURED BY GOULDS PUMPS AGS 0511, 5.38" IMPELLER, SINGLE PHASE OR APPROVED EQUAL. PUMPS SHALL COME WITH A MINIMUM 18 MONTH WARRANTY FROM DATE OF MANUFACTURE AND A MINIMUM 12 MONTH WARRANTY FROM DATE OF INSTALLATION.

PUMP CHAMBER SHALL BE A DUPLEX SYSTEM WITH PUMPS ALTERNATING IN SEQUENCE. UPON THE LIQUID LEVEL REACHING THE PUMP ON ELEVATION, PUMP NO. 1 WILL ENGAGE AND PUMP THE EFFLUENT OUT OF THE PUMP STATION UNTIL THE PUMP OFF ELEVATION IS REACHED AT WHICH TIME THE PUMP WILL DISENGAGE. THE SAME SITUATION SHALL OCCUR WHEN THE PUMP ON ELEVATION IS REACHED AGAIN EXCEPT THAT PUMP NO. 2 WILL ENGAGE AND PUMP NO. 1 WILL REMAIN IDLE. IF THE LAG PUMP ON LEVEL IS REACHED, THE IDLE PUMP WILL ENGAGE. IF THE HIGH LEVEL ALARM ELEVATION IS REACHED THE AUDIBLE AND VISUAL ALARM WILL ACTIVATE AND AN AUTOMATED DIALER WILL BE ACTIVATED TO CALL THE PROPERTY OWNER. THE PUMP CHAMBER MANHOLE SHALL BE 6.0 FOOT IN DIAMETER AND HAVE AN 12-INCH THICK BASE, 8-INCH TOP AND 7-INCH MINIMUM THICK CONCRETE WALLS. CONCRETE SHALL BE AT LEAST 4000 PSI AT 28 DAYS AND BE REINFORCED IN ACCORDANCE WITH ASTM A615 - GRADE 60 AND ASTM A185 -GRADE 65. THE CHAMBER SHALL BE AS MANUFACTURED BY FORT MILLER OR APPROVED EQUAL. THE TOP ACCESS COVER SECTION SHALL BE AS MANUFACTURED BY CAMPBELL FOUNDRY CO. PATTERN NO. EC3 OR APPROVED EQUAL AND HAVE A 24" X 36" HINGED OPENING WITH A LOCKING HASP.

THE CONTROL PANEL AND VISUAL AND AUDIO ALARMS SHALL BE MOUNTED ADJACENT TO THE PUMP STATION. THE CONTROL PANEL SHALL BE EQUIPPED WITH AN OPTIONAL GFI RECEPTACLE OR APPROVED EQUAL. THE LIQUID LEVELS SHALL BE CONTROLLED BY A MERCURY TUBE (FLOAT SWITCH) AND BE CONNECTED TO THE PUMP CONTROL PANEL WITHOUT A SPLICE AND BE MOUNTED ON THE INSIDE PUMP CHAMBER WALL. A HOUR METER SHALL BE INSTALLED FOR EACH PUMP AND SHALL BE CONFIGURED TO MEASURE INDIVIDUAL AND SIMULTANEOUS PUMP OPERATION. THE CONTROL PANEL SHALL BE CONFIGURED ACCORDINGLY TO RECORD RUN TIME OF PUMPS.

THE PUMP STATION SHALL BE EQUIPPED WITH A GALVANIZED CHAIN AND GUIDE RAIL ASSEMBLY TO PERMIT THE PUMPS TO BE LIFTED AND REMOVED WITHOUT ENTERING THE WET WELL. THE GUIDE RAIL, BASE AND UPPER BRACKET AND QUICK DISCONNECT ELBOW SHALL BE AS MANUFACTURED BY GOULDS PUMPS, OR APPROVED EQUAL.

ALL INTERIOR PIPING AND FITTINGS WITHIN THE PUMP STATION SHALL BE FLANGED DUCTILE IRON PIPE. A CHECK VALVE AND GATE VALVE ASSEMBLY SHALL BE PROVIDED ON EACH DISCHARGE LINE WITHIN THE WET WELL. IN ADDITION THE TWO DISCHARGE LINES SHALL BE JOINED INTO A SINGLE FORCE MAIN WITHIN THIS STRUCTURE. ALL CHECK VALVES AND GATE VALVES SHALL BE FLANGED AS MANUFACTURED BY CLOW, PART NO. F-5335 AND F-5070 OR APPROVED EQUAL.

VILLAGE OF CHESTER
PLANNING BOARD APPROVAL BOX

PB 20-01	105-1-4&5

No.	DATE	DESCRIPTION
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DRAWING STATUS	ISSUE DATE: 05/13/2020		
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☐ CONCEPT APPROVAL	N/A	OF	N/A
☑ PLANNING BOARD APPROVAL	3	OF	5
☐ OCDOH REALTY SUBDIVISION APPROVAL	N/A	OF	N/A
☐ OCDOH WATERMAIN EXTENSION APPROVAL	N/A	OF	N/A
☐ NYSDEC APPROVAL	N/A	OF	N/A
☐ NYSDOT APPROVAL	N/A	OF	N/A
☐ OTHER	N/A	OF	N/A
☐ FOR BID	N/A	OF	N/A
☐ FOR CONSTRUCTION	N/A	OF	N/A

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DETAILS

DONNELLY MIXED-USE BUILDING
7 GREYCOURT AVENUE
VILLAGE OF CHESTER
ORANGE COUNTY, NEW YORK

JOB #: 1246.03	DRAWN BY: MP	C-2
DATE: 03/24/2020	SCALE: 1"=10'	
REVISION: 1 - 05/13/2020	TAX LOT: 105-1-4 & 5	

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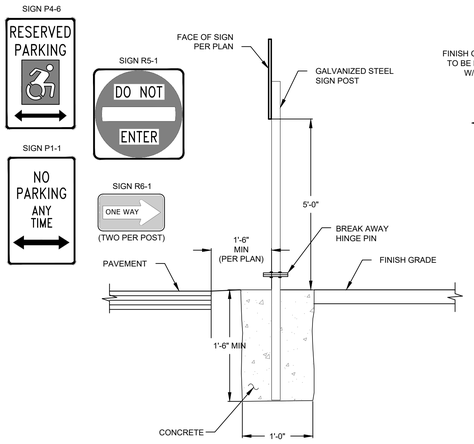
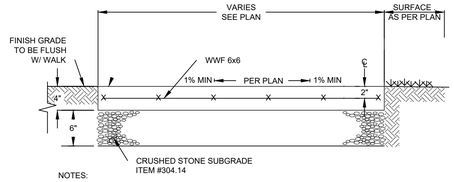


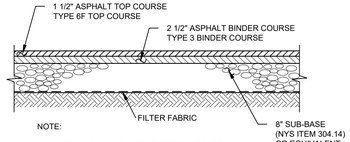
NOTES:
1. ALL ASSEMBLY HARDWARE TO BE CAST ALUMINUM WITH ALUMINUM BOLTS.
2. ALL SIGNS SHALL BE SIZE "C".

SIGN POST
SCALE: NTS



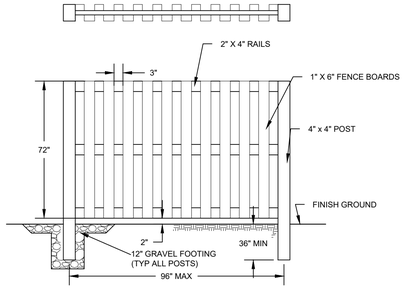
NOTES:
1. PREMOULDED SIDEWALK EXPANSION JOINTS SHALL BE SPACED AT 10' INTERVALS.
2. CONTRACTION JOINTS SHALL BE SPACED AT 5' INTERVALS AND SHALL BE 1" DEEP.
3. ALL CONCRETE FOR SIDEWALKS SHALL BE FIBER RE-INFORCED 4000 PSI AT 28 DAYS WITH TRANSVERSE BROOM FINISH AND CROSS SLOPE.

CONCRETE SIDEWALK
SCALE: NTS

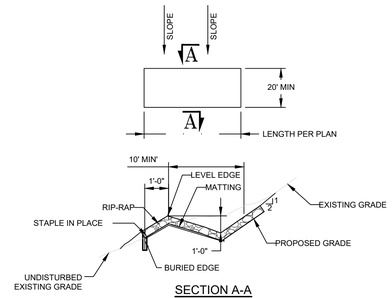


NOTE:
1. ITEM NUMBERS REFER TO NYSDOT SPECS.
2. ALL SUBGRADE AND SUBBASE IN ALL PAVEMENT AREAS SHALL BE PROOF ROLLED AND FOUND TO BE NON-YIELDING.

PAVEMENT SECTION
SCALE: NTS



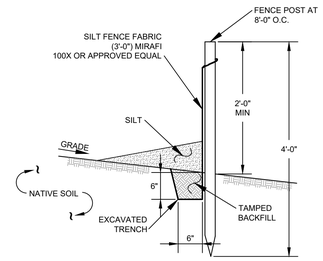
BOARD-ON-BOARD FENCE
SCALE: NTS



SECTION A-A

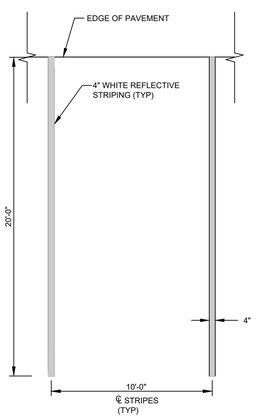
CONSTRUCTION SPECIFICATIONS
1. THE MATTING SHOULD BE A MINIMUM OF 4FT. WIDE EXTENDING 2'-0" OVER THE LIP AND BURIED 6 INCHES DEEP IN A VERTICAL TRENCH ON THE LOWER EDGE. THE UPPER EDGE SHOULD BUTT AGAINST SMOOTHLY CUT SOD AND BE SECURELY HELD IN PLACE WITH D_{50} = 4" RIP-RAP.
2. ENSURE THAT THE LIP IS LEVEL TO UNIFORMLY SPREAD DISCHARGE.
3. THE LIP SHALL BE CONSTRUCTED ON UNDISTURBED SOIL NOT FILL.
4. A 20 FOOT RIP-RAP SWALE TRANSITION SECTION WILL BE CONSTRUCTED FROM THE DIVERSION CHANNEL TO THE SPREADER TO SMOOTHLY BLEND THE DIFFERENT DIMENSION AND GRADES.
5. THE RUNOFF DISCHARGE WILL BE OUTLETED ONTO A STABILIZED VEGETATED SLOPE NOT EXCEEDING 10%.
6. SEED AND MULCH THE DISTURBED AREA IMMEDIATELY AFTER CONSTRUCTION.

LEVEL FLOW DISSIPATER
SCALE: NTS

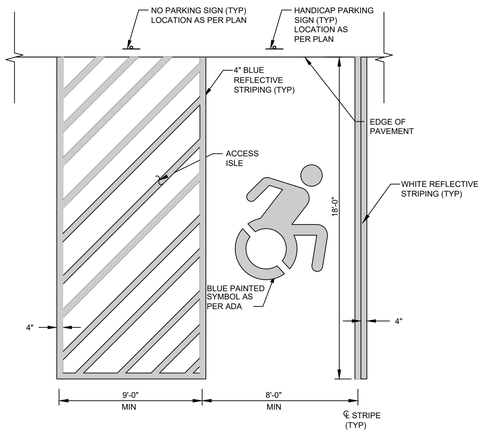


NOTES:
1. SILT FENCE TO BE MAINTAINED IN PLACE DURING CONSTRUCTION AND SOIL STABILIZATION PERIOD.

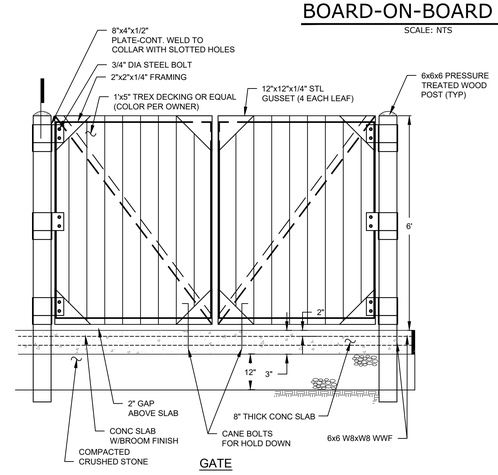
SILT FENCE
SCALE: NTS



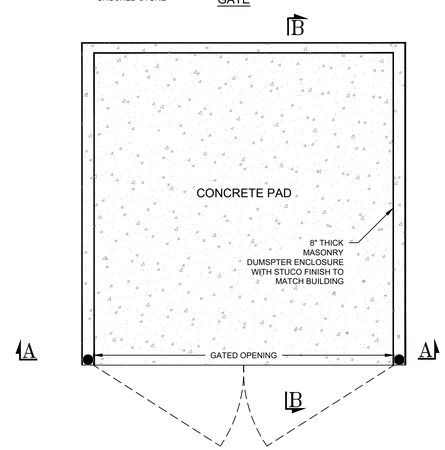
PARKING SPACE
SCALE: NTS



HANDICAP PARKING SPACES
SCALE: NTS



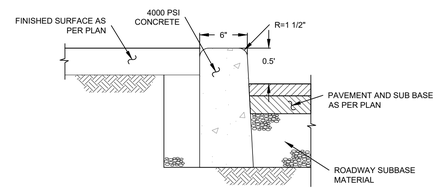
GATE



PLAN VIEW

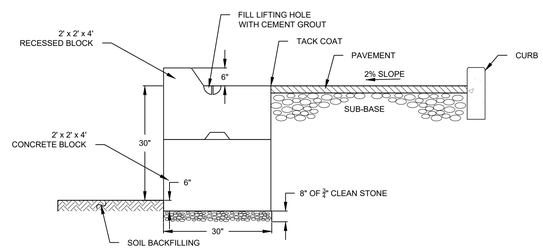
NOTES:
ALL CONCRETE SHALL BE 4000 PSI AT 28 DAYS.

DUMPSTER ENCLOSURE
SCALE: NTS



NOTES:
1) CURB SHALL BE CAST IN PLACE.
2) EXPANSION JOINTS OF 3/4" PREFORMED BITCOATED CELLULOSE OR OR SIMILIAR MATERIAL SHALL BE PLACED AT 10 (TEN) FOOT INTERVALS.
3) TEMPORARY FORM SUPPORT BRACING SHALL BE REMOVED DURING CONCRETE POUR.

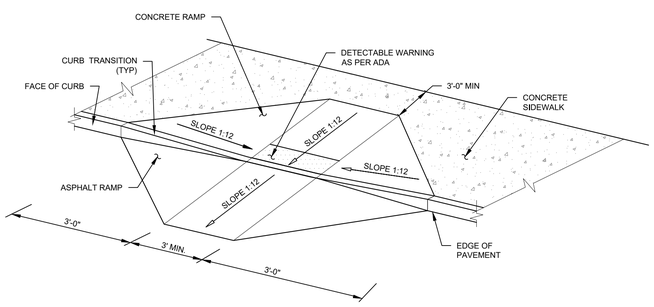
6" CONCRETE CURB
SCALE: 1"=1'-0"



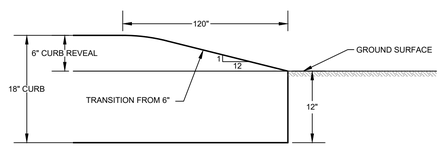
RETAINING WALL DETAIL
SCALE: NTS

VILLAGE OF CHESTER PLANNING BOARD APPROVAL BOX

PB 20-01	105-1-4&5



HANDICAMP RAMP
SCALE: N.T.S.



CONCRETE CURB TERMINATION
SCALE: N.T.S.

No.	DATE	DESCRIPTION
1	05/13/20	REVISED PER ENGINEER'S COMMENTS ON 4/28/2020

DRAWING STATUS	ISSUE DATE: 05/13/2020		
THIS SHEET IS PART OF THE PLAN SET ISSUED FOR	SHEET NUMBER		
☐ CONCEPT APPROVAL	N/A	OF	N/A
☑ PLANNING BOARD APPROVAL	4	OF	5
☐ OCDOH REALTY SUBDIVISION APPROVAL	N/A	OF	N/A
☐ OCDOH WATERMAIN EXTENSION APPROVAL	N/A	OF	N/A
☐ NYSDEC APPROVAL	N/A	OF	N/A
☐ NYSDOT APPROVAL	N/A	OF	N/A
☐ OTHER	N/A	OF	N/A
☐ FOR BID	N/A	OF	N/A
☐ FOR CONSTRUCTION	N/A	OF	N/A

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ROSS WINGLOVITZ, P.E.
NEW YORK LICENSE # 071701

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1 inch = 10 ft.

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DETAILS

DONNELLY MIXED-USE BUILDING
7 GREYCOURT AVENUE
VILLAGE OF CHESTER
ORANGE COUNTY, NEW YORK

JOB #: 1246.03	DRAWN BY: MP	C-3
DATE: 03/24/2020	SCALE: 1"=10'	
REVISION: 1 - 05/13/2020	TAX LOT: 105-1-4 & 5	

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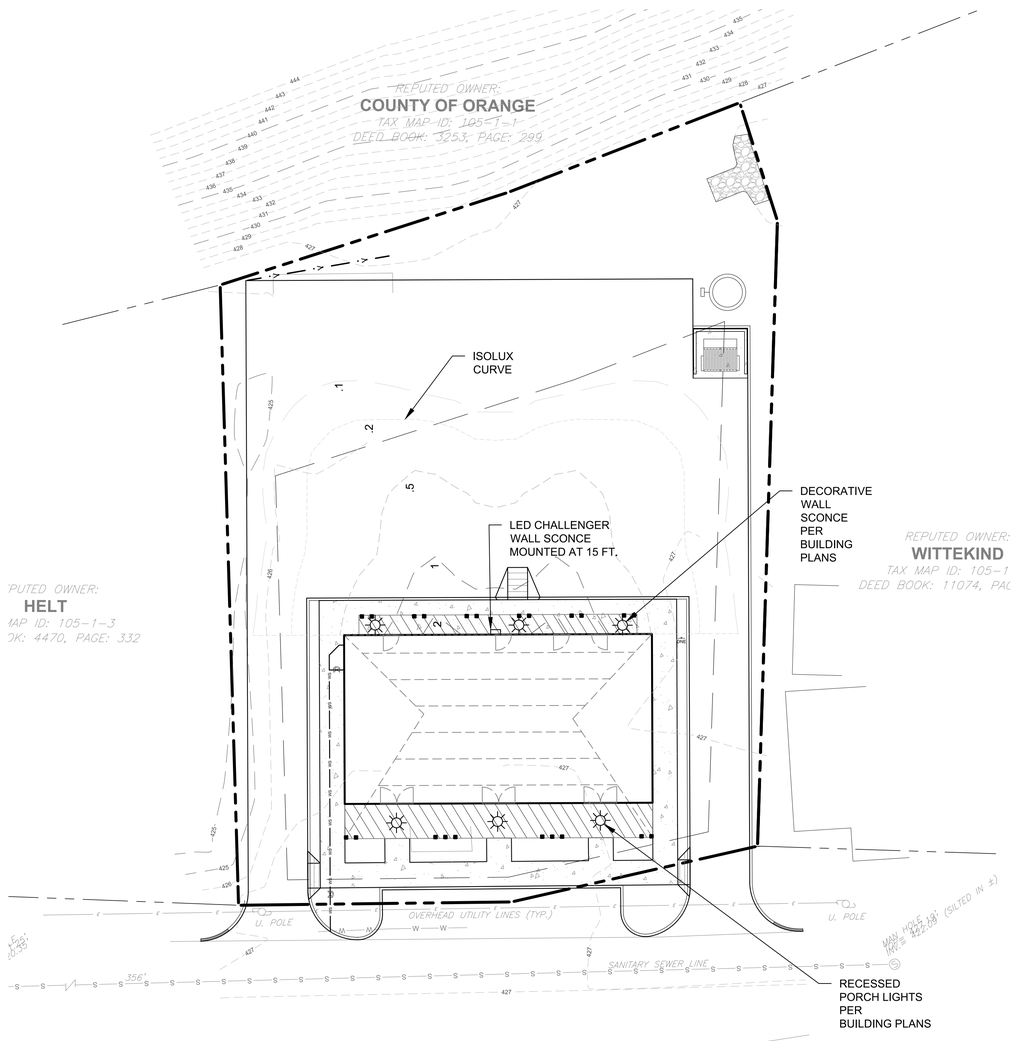


LED CHALLENGER® WALL SCONCE (XCHWM3)

US patent 7729455, 8082423 and CAN 2336757 & 2336757 and MX patent 296291 and ISRL 49878 and AUS. 2008212468 and EU. & Int'l. patents pending

DOE LIGHTING FACTS
Department of Energy has verified representative product test data and results in accordance with its Lighting Facts Program. Visit www.lightingfacts.com for specific catalog listings.

LIGHT OUTPUT - XCHWM3

		Distribution/Lumens (Nominal)			
Milliamps	# of LEDs	Type FT	Type WT	Type WW	Watts
Cool White (5000K)	24	2826	2902	3032	34
	48	4855	4931	5038	55
	24	3522	3542	3718	44
	48	5900	5972	6115	72
Neutral White (4000K)	24	2787	2792	2898	34
	48	4692	4660	4680	55
	24	3377	3369	3517	44
	48	5463	5662	5462	72

LED Chips are frequently updated thereby lumens may increase.

SMARTTEC™ ENERGY SAVING FEATURES:

THERMAL CONTROL - LSI drivers feature integral sensor which reduces drive current, when ambient temperatures exceed rated temperature.

OPTIONAL INTEGRAL MOTION SENSOR - Passive infrared motion sensor activates switching of luminaire light levels. High level light is activated when passersby enter target zone and increased to full bright in 1-2 seconds. Low light level (30% of maximum drive current) is activated when target zone is absent of motion activity for 5 minutes and is gradually ramped down (10 seconds) to low level. Sensor detection range 110° horizontal x 90° vertical x 18 meters maximum distance.

EXPECTED LIFE - Minimum 60,000 hours to 100,000 hours depending upon the ambient temperature of the installation location. See LSI web site for specific guidance.

LEDS - Available with 28 or 48 select high-brightness LEDs in Cool White (5000K) or Neutral White (4000K) color temperature, 70 CRI.

OPTICS/DISTRIBUTIONS - Ultra-high efficiency reflectors provide three distributions. Choose from Wide Throw (WT), Forward Throw (FT) or Wall Wash (WW).

HOUSING - The aerodynamic aluminum housing is a rectangular shape. All mounting hardware is stainless steel or electro-zinc plated steel. Housing and optical unit are sealed with extruded silicone gasket, supply conductors with molded EPDM bushing.

OPTICAL UNIT - Clear tempered optical-grade flat glass lens sealed to the aluminum optic housing creates an IP67 rated unit. Pressure stabilizing breather allows super-tight protection while preventing cycling from building up internal pressures and vacuums that can stress optical unit seals.

WALL MOUNTING - Galvanized-steel universal wall mounting plate easily mounts directly to 4" octagonal or square junction box. EPDM gasket is supplied to be installed between mounting plate and junction box, sealing junction box from entrance of water. Universal plate permits fixture to be mounted in uplighting (indoor only) or downlighting position.

POLE MOUNTING - XPMA (for square) or XPMAR (for round) allows mounting to poles in single and D180 configurations. Use with 3" reduced drilling pattern.

ELECTRICAL - Two-stage surge protection (including separate surge protection built into electronic driver) meets IEEE C62.41.2-2002, Location Category C. Available with universal voltage power supply 120-277VAC (50/60Hz input) or 347-480VAC.

DRIVER - Available in 350mA and 450mA drive currents (Drive currents are factory programmed). Components are fully encased in potting material for moisture resistance. Driver complies with IEC and FCC standards. Driver can be easily accessed and removed.

Also available in traditional light sources

EMERGENCY OPTIONS - Integral emergency battery-back-up options are available. BB option operates in 0°C to 60°C ambient temperature and CWBB operates in -20°C to 60°C ambient temperature. When primary AC power failure occurs, both options operate 18 LEDs for minimum of 90 minutes.

OPERATING TEMPERATURE - -40°C to +50°C (-40°F to +122°F)

FINISH - Fixtures are finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling.

WARRANTY - LSI LED fixtures carry a limited 5-year warranty.

PHOTOMETRICS - Please visit our web site at www.lsi-industries.com for detailed photometric data.

SHIPPING WEIGHT (in carton) - 30 lbs./13.6Kg

LISTING - ETL listed to ANSI/UL1598, UL8750 and other U.S. and international safety standards. Suitable for wet locations in downlight position. For a list of the specific products in this series that are DLC listed, please consult the LED Lighting section of our website or the Design Lights website at www.designlights.org.

This product, or selected versions of this product, meet the standards listed below. Please consult factory for your specific requirements.

IP67

Project Name _____ Fixture Type _____ 07/28/16
Catalog # _____ © 2016 LSI INDUSTRIES INC.

LED CHALLENGER® WALL SCONCE (XCHWM3)

LUMINAIRE ORDERING INFORMATION

TYPICAL ORDER EXAMPLE:

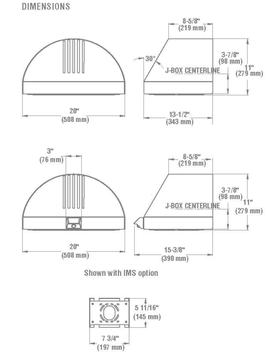
Prefix	Distribution	Light Source	# of LEDs	Drive Current	Color Temperature	Input Voltage	Finish	Options
XCHWM3 - LED Challenger Wall Sconce	WT - Wide Throw FT - Forward Throw WW - Wall Wash	LED	28 48	350 - 350mA 450 - 450mA	CW - Cool White NW - Neutral White (4000K)	Universal Voltage (120-277) 347-480 120[3]	DNA - Dark Nickel BRZ - Bronze GPT - Graphite MSV - Metallic Silver PLP - Platinum Plus SVG - Satin Verde Green WHT - White	BB - Battery Back-up[2] CWBB - Cold Weather Battery Back-up[2] IMS - Internal Motion Sensor PCI120 - 120V Button Type Photocell PCI240 - 240V Button Type Photocell PCI277 - 277V Button Type Photocell PCI347 - 347V Button Type Photocell XPMA - Pole Mount Adaptor for use with square pole (for single or D180 mounting configuration only)[5] XPMARA - Pole Mount Adaptor w/fixture backplate for use with 4" O.D. round poles[5] XPMARS - Pole Mount Adaptor w/fixture backplate for use with 6" O.D. round poles[5] TP - Tamper Proof[4]

NOTES:
1- On 28 LED Luminaires, 120 Volt only is DLC qualified. Specify 120 in place of UE.
2- Available with UE voltage only
3- Designed with 3" reduced drilling pattern. For S or D180 mounting configuration only.
4- Tamper-proof Screwdriver must be ordered separately (See Accessory Ordering Information).
5- SW BLK not compatible with XPMA or XPMAR option. Available in black only.
6- Fusing to be installed in a compatible junction box supplied by contractor.

ACCESSORY ORDERING INFORMATION (Accessories are field installed)

Description	Order Number
XCHWM3 SW BLK - Surface Wiring Box	1731968BLK[6]
SCD - Tamper-proof Screwdriver	4770X1
PX101 - Single Fusing	PX101[6]
PX277 - Single Fusing	PX277[6]
DFX208_240 - Double Fusing	DFX208_240[6]
DFX480 - Double Fusing	DFX480[6]
FKM7 - Single Fusing	FKM7[6]

DIMENSIONS



Shown with IMS option

Universal Mounting Plate

BUG LISTING

XCHWM3 - Type FT

Drive Current	Color Temp.*	Lumens	Watts	LER	BUG Rating
350	CW-28	2877	34	85	B1-U0-G1
	CW-48	4856	55	88	B1-U0-G1
	NW-28	2787	34	82	B1-U0-G1
	NW-48	4652	55	83	B1-U0-G1
450	CW-28	3523	44	80	B1-U0-G1
	NW-28	3377	44	77	B1-U0-G1
	CW	5900	72	82	B2-U0-G1
	NW-48	5454	72	76	B2-U0-G1

XCHWM3 - Type WT

Drive Current	Color Temp.*	Lumens	Watts	LER	BUG Rating
350	CW-28	2903	34	85	B1-U0-G1
	NW-28	2792	34	82	B1-U0-G1
	CW-48	4931	55	90	B2-U0-G1
	NW-48	4660	55	85	B2-U0-G1
450	CW-28	3542	44	81	B1-U0-G1
	NW-28	3369	44	77	B1-U0-G1
	CW-48	5972	72	83	B2-U0-G1
	NW-48	5662	72	77	B2-U0-G1

XCHWM3 - Type WW

Drive Current	Color Temp.*	Lumens	Watts	LER	BUG Rating
350	CW-28	3033	34	89	B1-U0-G0
	CW-48	5038	56	90	B2-U0-G0
	NW-28	2899	34	85	B1-U0-G0
	NW-48	4555	55	83	B2-U0-G0
450	CW-28	3718	44	85	B2-U0-G0
	NW-28	3516	44	80	B2-U0-G0
	CW-48	6115	72	85	B2-U0-G0
	NW-48	5454	72	76	B2-U0-G1

* Color Temperature: NW-4000K, CW-5000K

Project Name _____ Fixture Type _____ 07/28/16
Catalog # _____ © 2016 LSI INDUSTRIES INC.

PLANNING BOARD'S ACCEPTANCE OF THE LIGHTING DESIGN SHOWN HEREON IS PREMISED ON THE REPRESENTATION OF THE APPLICANT THAT THE LIGHTING WILL NOT CAUSE A GLARE OR OTHER DELETERIOUS EFFECT ON ADJOINING PROPERTIES AND/OR ROADWAY TRAFFIC. SHOULD ANY SUCH CONDITION RESULT FROM THE INSTALLATION, IN THE SOLE OPINION OF THE AUTHORIZED REPRESENTATIVES OF THE VILLAGE, THE APPLICANT AGREES TO MODIFY AND/OR REPLACE FIXTURES TO CAUSE THE CORRECTION OF THE CONDITION, TO THE SATISFACTION OF THE VILLAGE REPRESENTATIVES.

VILLAGE OF CHESTER
PLANNING BOARD APPROVAL BOX

PB 20-01 105-1-4&5

No.	DATE	DESCRIPTION
1	05/13/20	REVISED PER ENGINEER'S COMMENTS ON 4/28/2020

DRAWING STATUS

ISSUE DATE: 05/13/2020

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☐ OCDOH WATERMAIN EXTENSION APPROVAL	N/A	OF	N/A
☐ NYSDEC APPROVAL	N/A	OF	N/A
☐ NYSDOT APPROVAL	N/A	OF	N/A
☐ OTHER	N/A	OF	N/A
☐ FOR BID	N/A	OF	N/A
☐ FOR CONSTRUCTION	N/A	OF	N/A

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JOB #: 1246.03	DRAWN BY: MP	C-4
DATE: 03/24/2020	SCALE: 1"=20'	
REVISION: 1 - 05/13/2020	TAX LOT: 105-1-4 & 5	

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