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May 16, 2017  
0117702-00001

**By Email and First Class Mail**

Jon Idman, Esq., Chief Regulatory Officer  
Cape Cod Commission  
3225 Main Street  
Barnstable, MA 02630

Re: Cape Cod Potato Chip Factory Renovation & Expansion  
Breed's Hill Road, Barnstable

Dear Jon:

This correspondence shall serve to provide additional information in response to Cape Cod Commission Staff's comments on the limited DRI review filing submitted for the above project, as follows:

1. New Flood Lights. In response to the May 2<sup>nd</sup> email from Jeff Ribeiro, the proposed flood lights have been modified to a fixture (W-1) that meets the Commission's full cut-off requirements. In this respect, I enclose in **Tab 1** an updated proposed fixture cut sheet, an updated Fixture Schedule (Sheet E0001), and an updated photometric plan (Sheet E0003) all of which are dated "Cape Cod Commission Electrical Response – 05/15/17."
2. Proposed Coverages. The existing versus proposed coverage figures have been updated since the project was initially filed with the Commission and as the site design has advanced. Enclosed as **Tab 2** are two color-coded plans, Sheets C4000 and C1100, both dated last revised on 4/14/17, showing, respectively, the existing impervious/pervious areas and the proposed impervious/pervious areas within the proposed limit of work. As depicted thereon, the redevelopment results in a decrease of impervious surfaces and a corresponding increase in pervious surfaces by approximately 2,547 square feet.
3. Architectural Plan Coordination. The architectural plan inconsistencies that Sarah Korjeff noted have been addressed. Specifically, the proposed windows have been coordinated on the Floor Plans, Elevations and Rendering. By way of additional clarification, the cutting plane on the design software is set approximately 6 feet above the finished floors which gives the round windows the impression that they are not as wide in a Plan View as shown in Elevation View. To confirm, the round

windows are 48" in diameter as is noted on the enclosed Elevations. With respect to the tour entrance and exit, the enclosed Elevations plan has been corrected to depict the tour entrance and exit vestibule, as shown on the East Elevation. Finally, in response to Staff's question, the building design does not propose a parapet wall. The proposed roof height has been lowered closer to the existing roof elevation and so what appeared to be a parapet was the difference in building height between new and existing. These comments are illustrated/addressed on the enclosed revised rendering, the updated First Floor Plan Overall (Sheet A1100) dated last revised on 4/14/17, the updated Second Floor Plan Overall (Sheet A1200) dated last revised on 4/14/17, and the updated Exterior Elevations (Sheet A3101) dated last revised on 4/14/17 (see **Tab 3**).

4. **Landscape Detail**. As requested, additional details for the proposed landscaping/vegetation are shown on the plan enclosed in **Tab 4** entitled "Cape Cod Chips" prepared by Clipper Landscape, LLC dated 5/8/17.
5. **Existing Hazardous Waste Summary**. In response to the request from Scott Michaud, I enclose in **Tab 5** a summary of the facility's existing Hazardous Waste generation together with additional detail regarding the process wastewater treatment plant upgrade in 2014.
6. **Facility Statistics**. Finally, I enclose in **Tab 6** additional information regarding the Cape Cod Potato Chip facility, its operations and brand, and its long-standing tradition of charitably supporting the local community.

With the enclosed information, I believe we have responded to all of Staff's requests for additional information/clarification. Please do not hesitate to contact me with any questions regarding this correspondence. Otherwise, I will contact you in the next few days to discuss the next steps in processing this limited DRI request.

Jon Idman, Esq., Chief Regulatory Officer  
May 16, 2017  
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Thank you very much. With best regards, I remain,

Very truly yours,



Eliza Cox

EZC:  
Enclosures

*Cc's By Email:* Elizabeth Jenkins, Director of Growth Management, Town of Barnstable  
Beth Rueschhoff, Snyder's Lance, Inc.  
Dirk Maldonado, Snyder's Lance, Inc.  
Francisco Resurreccion, Stellar

3586708.1

TAB 1





Ultra high output, high efficiency 150 Watt LED wallpacks. Patent Pending airflow technology ensures long LED and driver lifespan. 5 Year Warranty.

Color: Bronze

Weight: 34.8 lbs

**Project:**

**Type:**

**Prepared By:**

**Date:**

## Driver Info

Type: Constant Current  
120V: 1.31A  
208V: 0.80A  
240V: 0.69A  
277V: 0.60A  
Input Watts: 153W  
Efficiency: 98%

## LED Info

Watts: 150W  
Color Temp: 5000K  
Color Accuracy: 71 CRI  
L70 Lifespan: 100000  
Lumens: 17,834  
Efficacy: 116 LPW

## Technical Specifications

### Listings

#### UL Listing:

Suitable for wet locations.

#### DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.

DLC Product Code: P00001748

#### IESNA LM-79 & LM-80 Testing:

RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80, and have been received the Department of Energy "Lighting Facts" label.

#### Dark Sky Approved:

The International Dark Sky Association has approved this product as a full cutoff, fully shielded luminaire.

### LED Characteristics

#### Lifespan:

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

#### LEDs:

Multi-chip, high-output, long-life LEDs

#### Color Consistency:

7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color.

#### Color Stability:

LED color temperature is warrantied to shift no more than 200K in CCT over a 5 year period.

#### Color Uniformity:

RAB's range of CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2015.

### Construction

#### IES Classification:

The Type II distribution is ideal for wide walkways, on ramps and entrance roadways, bike paths and other long and narrow lighting applications. This type is meant for lighting larger areas and usually is located near the roadside. This type of lighting is commonly found on smaller side streets or jogging paths.

#### IP Rating:

Ingress Protection rating of IP66 for dust and water

#### Maximum Ambient Temperature:

Suitable for use in 104° F (40°C) ambient temperatures

#### Cold Weather Starting:

Minimum starting temperature is -40° F (-40° C)

#### Thermal Management:

Superior thermal management with external Air-Flow fins.

#### Housing:

Die-cast aluminum housing, lens frame and mounting arm

#### Mounting:

Heavy-duty mounting arm with "O" ring seal & stainless steel screws

#### Reflector:

Specular vacuum-metallized polycarbonate

#### Gaskets:

High-temperature silicone gaskets

### Finish:

Formulated for high-durability and long lasting color.

### Green Technology:

Mercury and UV free. RoHS compliant components. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

### For use on LEED Buildings:

IDA Dark Sky Approval means that this fixture can be used to achieve LEED Credits for Light Pollution Reduction.

### Electrical

#### Drivers:

Two Drivers, Constant Current, Class 2, 2000mA, 100-277V, 50-60Hz, Power Factor 99%

#### THD:

6.6% at 120V, 12.1% at 277V

### Other

#### California Title 24:

See WPLED2T150/D10 or WPLED2T150/BL for a 2013 California Title 24 compliant product. Any additional component requirements will be listed in the Title 24 section under technical specifications on the product page.

### Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

### Patents:

The design of WPLED150 is protected by patents pending in US, Canada, China, Taiwan and Mexico.

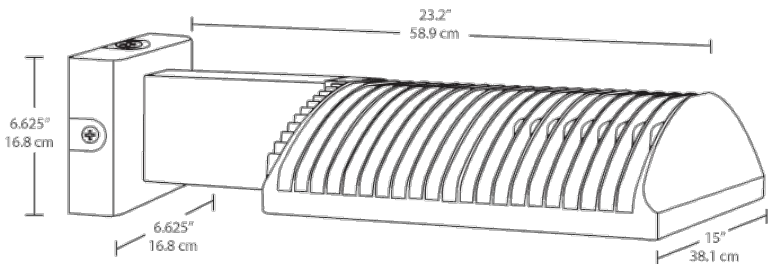
Technical Specifications (continued)

Optical

BUG Rating:

B2 U0 G2

Dimensions

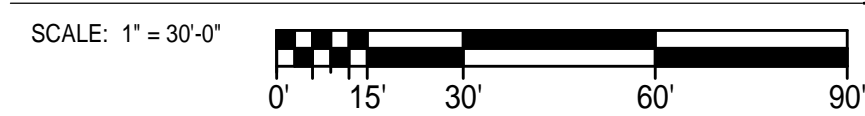


Features

- High output, high efficiency LED
- Maintains 70% of initial lumens at 100,000 hours
- Weatherproof high temperature silicone gaskets
- Superior heat sinking with die cast aluminum housing and external fins
- 100 up to 277 Volts
- 5-year warranty

Ordering Matrix

Family	Distribution	Watts	Color Temp	Mount	Finish	Photocell	Dimming	Sensor	Bi-Level
WPLED									
	2T = Type II 3T = Type III 4T = Type IV	150 = 150W	Blank = 5000K (Cool) Y = 3000K (Warm) N = 4000K (Neutral)	Blank = Standard FX = Flat Wall	Blank = Bronze W = White	Blank = No Photocell /PC = 120V Button /PC2 = 277 Button /PCS = 120V Swivel /PCS2 = 277V Swivel /PCT = 120-277V Twistlock	Blank = No Dimming /D10 = Dimmable	/WS4 = Multi-Level Motion Sensor (Only available for 120-277V with /D10 for 150W)	Blank = No Bi-Level /BL = Bi-Level

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NOTES:

1. PROVIDE ALL FIXTURES WITH APPROPRIATE MOUNTING HARDWARE.  
2. PROVIDE EACH FIXTURE WITH A MOTION SENSOR  
3. FURNISH AN INSTANT EMERGENCY BATTERY PACK, EATON EBLPD14W OR EQUIVALENT.  
4. ALL EMERGENCY FIXTURES SHALL HAVE AN UNSWITCHED HOT WIRE.  
5. MOUNT AT 7'-0" AFF.  
6. CONFIRM FIXTURE FINISH WITH ARCHITECT AND INTERIOR DESIGNER.  
7. NOT USED.  
8. MOUNT AT 10'-0" AFF.  
9. MOUNT AT 12'-0" AFF. UCN.  
10. FIXTURE TO BE HARD WIRED TO CIRCUIT. NO CORDESET REQUIRED.  
11. MOUNT AT 20'-0" AFF.

12. MOUNT SUCH THAT BOTTOM OF FIXTURE IS 10'-6" AFF. COORDINATE WITH FIXTURE MANUFACTURER REGARDING STEM LENGTH.  
13. FIXTURE SHALL BE SUSPENDED 1'-0" FROM CEILING.  
14. NOT USED.  
15. EXISTING FIXTURES ARE MOUNTED AT 10' AFF.  
16. EXISTING FIXTURES ARE MOUNTED AT 20' AFF.

LIGHTING FIXTURE SCHEDULE								
TYPE	DESCRIPTION	MANUFACTURE	MODEL	INPUT DATA		LAMP INFORMATION		NOTES
				VOLTAGE	LOAD VA	QTY	DESCRIPTION	
A	RECESSED 2X4 VOLUMETRIC LED FIXTURE	CORELITE	BRG-SQ-5L40-LD2-UNV-24-STD	277 V	0.07 kVA	N/A	LED	1
A1	RECESSED 2X2 LED TROFFER	METALUX	22GR-LD4-24-F1-UNV-L840-CD1-U	277 V	0.02 kVA	N/A	LED	1
A1E	RECESSED 2X2 LED TROFFER	METALUX	22GR-LD4-24-F1-UNV-L840-CD1-U-EL14W	277 V	0.02 kVA	N/A	LED	1.4
A2	RECESSED 2X4 LED TROFFER	METALUX	24GR-LD4-38-F1-UNV-L840-CD1-U	277 V	0.04 kVA	N/A	LED	1.4
A2E	RECESSED 2X4 LED TROFFER	METALUX	24GR-LD4-38-F1-UNV-L840-CD1-U-EL14W	277 V	0.04 kVA	N/A	LED	1.4
AE	RECESSED 2X4 VOLUMETRIC LED FIXTURE	CORELITE	BRG-SQ-5L40-LD2-UNV-24-STD-EL14W	277 V	0.07 kVA	N/A	LED	1.4
B	WALL-MOUNTED LED INDIRECT FIXTURE	CORELITE	JW-WL-3L40-1D-UNV-SU-4-STD-W	277 V	0.05 kVA	N/A	LED	1.5
B1	WALL-MOUNTED LED WRAPAROUND FIXTURE	METALUX	48CLED-LD4-28SL-F-UNV-L840-CD1-U	277 V	0.03 kVA	N/A	LED	1.5
B1E	WALL-MOUNTED LED WRAPAROUND FIXTURE	METALUX	48CLED-LD4-28SL-F-UNV-L840-CD1-U-EL14W	277 V	0.03 kVA	N/A	LED	1.4,5
BE	WALL-MOUNTED LED INDIRECT FIXTURE	CORELITE	JW-WL-3L40-1D-UNV-SU-4-STD-W-E	277 V	0.05 kVA	N/A	LED	1.3,4,5
C	SUSPENDED LED LENSED INDUSTRIAL FIXTURE	METALUX	45LSTP4040DD-UNV-AYC-CHAINSET	277 V	0.04 kVA	N/A	LED	1
CE	SUSPENDED LED LENSED INDUSTRIAL FIXTURE	METALUX	45LSTP4040DD-UNV-AYC-CHAINSET	277 V	0.04 kVA	N/A	LED	1.3
D	RECESSED LED DOWNLIGHT	HALO	P0620ED010-PM06A840-61W	277 V	0.02 kVA	N/A	LED	1
D1	RECESSED LED LENSED SHOWER LIGHT	HALO	P0620ED010-PM06A840-64VH	277 V	0.02 kVA	N/A	LED	1
DE	RECESSED LED DOWNLIGHT	HALO	P0620ED010-PM06A840-61WV-REM	277 V	0.02 kVA	N/A	LED	1.4
F	SUSPENDED INDIRECT LED PENDANT	CORELITE	I2-VS-4L40-1D-UNV-4-STD-DM8	277 V	0.06 kVA	N/A	LED	1.1,3
G	SUSPENDED LED HIGH BAY	METALUX	HLBLED-LD5-36SE-W-A-UNV-L840-ED3-U	277 V	0.24 kVA	N/A	LED	1.2
G	SUSPENDED LED HIGH BAY	METALUX	HLBLED-LD5-36SE-W-A-UNV-L840-ED3-U-EL14W	277 V	0.24 kVA	N/A	LED	1.2,4
H	LED STEP LIGHT	LITHONIA	OLSR-WH	277 V	0.01 kVA	N/A	LED	1
J	DECORATIVE LED WALL SCONCE	BARN LIGHT USA	BL-E-58A12-975-WGG-975-RIB-G1-975-LED16-4000	120 V	0.02 kVA	N/A	LED	1.6
K	SUSPENDED LED CYLINDER	PORTFOLIO	LSR4840D010MB-EC4830408040-4LBWOB-P834MB	277 V	0.04 kVA	N/A	LED	1.2
KE	SUSPENDED LED CYLINDER	PORTFOLIO	LSR4840D010MB-EC4830408040-4LBWOB-P834MB-EM	277 V	0.04 kVA	N/A	LED	3,4,12
L	RECESSED 2X4 LED FOOD PROCESSING FIXTURE	KURTZON	FP-G/E2-3-2X4-3/LEDH40-UNV	277 V	0.23 kVA	N/A	LED	1
LE	RECESSED 2X4 LED FOOD PROCESSING FIXTURE	KURTZON	FP-G/E2-3-2X4-3/LEDH40-UNV-EM	277 V	0.23 kVA	N/A	LED	1.4
P-EX1	EXISTING LED POLE-MOUNTED FIXTURE	RAB LIGHTING	ALED-FC-104-N	277 V	0.11 kVA	N/A	LED	16
P-EX2	EXISTING LED POLE-MOUNTED FIXTURE	RAB LIGHTING	FFLED-80-N	208 V	0.09 kVA	N/A	LED	16
W1	WALL-MOUNTED LED FIXTURE	RAB LIGHTING	WPLED4T150N	277 V	0.15 kVA	N/A	LED	1.1,1
W2	WALL-MOUNTED LED FIXTURE	RAB LIGHTING	SLIM26-N	277 V	0.03 kVA	N/A	LED	1.2
W3	DECORATIVE LED WALL SCONCE	STERNBERG LIGHTING	1W-1521LED-R-6ARC35T4-MDL03-FG-HSHN/R4/UGM	277 V	0.09 kVA	N/A	LED	16.8
W-EX1	EXISTING LED WALL-MOUNTED FLOOD	RAB LIGHTING	FFLED-80-N	277 V	0.09 kVA	N/A	LED	16
W-EX2	EXISTING LED WALL-MOUNTED FIXTURE	RAB LIGHTING	SLIM26-N	277 V	0.03 kVA	N/A	LED	1
X	CEILING-MOUNTED EXIT SIGN	SURE-LITES	CX71SDG	277 V	0.01 kVA	N/A	LED	1.4
X1	WALL-MOUNTED EXIT	SURE-LITES	CX71SDG	277 V	0.01 kVA	N/A	LED	1.4
X3	WALL-MOUNTED NSF EXIT	SURE-LITES	UX7SD	277 V	0.01 kVA	N/A	LED	1.4

FIXTURE SCHEDULE AND NOTES UPDATED

## ELECTRICAL GENERAL NOTES

- COORDINATE FINAL LOCATIONS OF ALL MECHANICAL EQUIPMENT WITH THE APPROPRIATE TRADE.
- FLEXIBLE CONDUIT INSTALLED OUTDOORS OR INDOORS SHALL BE LIQUID TIGHT FLEX WITH SUITABLE FITTINGS.
- CONDUIT SHALL PASS THROUGH WALLS ONLY AT 90 DEGREES AND TO BE RUN PARALLEL OR PERPENDICULAR TO WALLS.
- BRANCH CIRCUIT HOMERUNS SHALL BE MINIMUM #12 WIRE AND 3/4" CONDUIT. EVERY NEW CONDUIT SHALL HAVE A GROUND WIRE (#12 MINIMUM). CONTROL WIRING SHALL USE #14 SIGNAL AND GROUND (MINIMUM).
- ALL UNDERGROUND CONDUIT RUNS ENTERING THE BUILDING SHALL BE SEALED TO PREVENT THE ENTRANCE OF MOISTURE AND GASES.
- ALL LIGHTING FIXTURES SHALL BE PROVIDED WITH ALL THE APPROPRIATE MOUNTING HARDWARE FOR A COMPLETE INSTALLATION.
- PROVIDE NEW PLASTIC ENGRAVED NAMEPLATES ON ALL NEW PANELBOARDS (INCLUDING NAMEPLATES FOR CIRCUITS IN I-LINE PANELBOARDS), SWITCHGEAR, MOTOR CONTROL CENTERS AND TRANSFORMERS. USE NAMES PER THE ONE-LINE DIAGRAM. COORDINATE IN FIELD FOR NAMEPLATES OF EQUIPMENT NOT SHOWN ON ONE-LINE DIAGRAM. PROVIDE NAMEPLATE INFORMATION AS INDICATED IN FIELD ON AS-BUILT DRAWINGS PER DETAILS.
- CONDUIT SHALL BE AS DESCRIBED IN THE SPECIFICATIONS AND THESE GENERAL NOTES.
- ALL GEAR AND PANELS SHALL BE FULLY RATED FOR AVAILABLE FAULT CURRENT AS INDICATED. SERIES AND OR INTEGRATED RATINGS ARE NOT ACCEPTABLE.
- ALL WORK SHALL BE PER NEC 2017 AND ALL OTHER LOCAL, STATE AND NATIONALLY ENFORCED CODES.
- SEE MECHANICAL DRAWINGS FOR DIRECTION ON CONTROL SEQUENCE WIRING.
- ELECTRICAL CONTRACTOR MAY NOT DE-RATE CONDUCTORS IN THE FIELD WITHOUT SPECIFIC ENGINEER'S APPROVAL.
- SEAL ALL PENETRATIONS THROUGH FIRE WALLS TO MAINTAIN THE RATING OF WALL/FLOOR.
- LUMINAIRES MUST BE CENTERED IN AREAS BETWEEN BACKS. EXCEPTIONS NECESSARY TO COORDINATE WITH FIRE SPRINKLER PIPING WILL BE ALLOWED ONLY IF APPROVED BY ELECTRICAL ENGINEER AND SUPERINTENDENT. IF LUMINAIRES ARE NOT CENTERED OR IF THEY NEED TO BE MOVED FOR COORDINATION THEY SHALL BE RELOCATED AT NO ADDITIONAL COST.
- PROVIDE CONDUIT AND DEVICE BOXES FOR MECHANICAL EQUIPMENT THERMOSTATS. ELECTRICAL CONTRACTOR WILL BE RESPONSIBLE FOR WIRING THERMOSTATS DEPENDING ON VOLTAGE. SEE MECHANICAL DRAWINGS FOR FURTHER DIRECTION.
- PROVIDE POWER AND CONTROL CONNECTIONS AND WIRING FOR MECHANICAL EQUIPMENT INCLUDING ALL MOTORIZED DAMPERS. SEE MECHANICAL DRAWINGS FOR FURTHER DIRECTION.
- THESE DOCUMENTS PERTAIN TO ELECTRICAL ONLY. THIS DESIGN SHALL NOT BE USED TO QUALIFY OTHER DISCIPLINES NOR SHALL IT BE RESPONSIBLE FOR OTHER DISCIPLINE REQUIREMENTS OR PROPERTY ASSETS NOT A PART OF THE ELECTRICAL CONTRACT.
- CONDUIT FOR EXTERIOR BUILDING MOUNTED LIGHTING SHALL BE RUN INSIDE BUILDING AND POKE-THRU AT BACKSIDE OF LIGHT (OR DOCK CANOPY FOR CANOPY LIGHTS).
- EQUIPMENT AND LIGHTING SHALL NOT EXCEED THE POWER REQUIREMENTS SPECIFIED IN THE EQUIPMENT AND LIGHTING SCHEDULE.
- REFER TO THE ELECTRICAL SPECIFICATIONS FOR ADDITIONAL INSTALLATION REQUIREMENTS.
- VERIFY UNDERGROUND CONDUIT IS IN GOOD CONDITION BEFORE SLAB IS POURED.
- DEVICES MOUNTED TO CMU WALLS SHALL BE INSTALLED FLUSH WITH WALL IN THE WELFARE SPACES. SURFACE MOUNTING IS ACCEPTABLE IN NON-WELFARE SPACES.
- FAILURE TO FOLLOW THESE REQUIREMENTS WILL BE CONSIDERED INADEQUATE WORK. ALL DISCREPANCIES SHALL BE CORRECTED WITH NO EXPENSE TO STELLAR OR FACILITY OWNER.
- THE ELECTRICAL CONTRACTOR SHALL REVIEW ALL NAMEPLATE DATA FOR DISCREPANCIES, WHICH SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW PRIOR TO INSTALLATION.
- IN NO INSTANCE SHALL LIGHT FIXTURES BE LOCATED DIRECTLY OVER PIPING OR DUCTWORK. IF PIPING IS RUN DIRECTLY UNDER A SET LIGHT FIXTURE, THE LIGHT FIXTURE SHALL BE RELOCATED AT NO ADDITIONAL COST. COORDINATE WITH MECHANICAL TRADES FOR LOCATION OF MAJOR PIPE RUNS AND DUCTWORK. IN AREAS WITH HEAVY PIPE AND/OR DUCT WORK IT IS PERMISSIBLE TO MOUNT LIGHT FIXTURES UNDERNEATH PIPING OR DUCTWORK. PROVIDED AMPLE HEAD ROOM IS AVAILABLE.
- ALL CONDUIT PENETRATIONS GOING THROUGH AREAS WITH A DIFFERENCE IN TEMPERATURE OF 15 DEGREES OR MORE SHALL BE SEALED PER DETAIL.
- IN GENERAL CONDUCTORS SHALL BE THINWALL COPPER. CONDUCTORS RUN IN 0 DEG. F. SPACES (OR BELOW) SHALL BE XHHW COPPER FOR THE ENTIRE LENGTH.
- PROVIDE FINAL CONNECTIONS OF ALL POWER AND CONTROL WIRING FOR ALL DEVICES AND EQUIPMENT FOR ALL TRADES UNLESS OTHERWISE NOTED ON THE DRAWINGS.
- ELECTRICAL CONTRACTOR SHALL PROVIDE STARTUP SUPPORT TO INCLUDE COMMISSIONING OF ALL VARIABLE SPEED DRIVES, SOFT STARTS, AND OTHER ELECTRICAL GEAR CONTRACTOR IS PROVIDING. COMMISSIONING SHALL INCLUDE CONFIGURATION OF ALL EQUIPMENT FOR THE INTENDED APPLICATION INCLUDING ENTERING MOTOR DATA AND/OR PROTECTION SETTINGS AND SETTING UP COMMUNICATIONS PARAMETERS IN ACCORDANCE WITH ELECTRICAL/CONTROLS DRAWINGS.
- ALL INTERIOR LAMPS SHALL HAVE A SHATTER PROTECTION COATING EQUAL TO SHAT-K-SHIELD.
- ALL WALL MOUNTED EQUIPMENT AND CONDUIT IN PROCESS AREAS (COOK ROOMS) MUST HAVE A 4' STANDOFF. ALL ATTACHMENTS TO IMP WALLS SHALL USE "FAB LOCK" SCREWS. VERTICAL CONDUIT DROPS MAY BE GANGED TOGETHER USING STAINLESS FLATBAR SPACED 1" FROM WALL AND 1" FROM ADJACENT CONDUIT.
- ALL WIRING DEVICES IN PROCESS AREAS (COOK ROOM) SHALL BE MOUNTED AT 42" AFF. U.O.N.
- ALL RECEPTACLES IN PROCESS AREAS (COOK ROOM) SHALL BE GFI TYPE WITH WEATHERTIGHT COVER.
- RECEPTACLES OUTDOORS SHALL BE GFI TYPE WITH WEATHERPROOF COVER.
- ALL COMMUNICATION WIRING SHALL BE IN RACEWAYS. NO "FREE-AIR" WIRING IS PERMITTED.
- NO UNSTRUCT OR ALTHREAD IS ALLOWED IN PROCESS WASHDOWN SPACES.
- MINIMIZE HORIZONTAL RUNS OF CONDUIT IN PROCESS WASHDOWN SPACES. UTILIZE SPACE ABOVE THE CEILING FOR HORIZONTAL TRANSITIONS. ORIENT DEVICES SO THAT STANDING WATER DOES NOT ACCUMULATE ON DEVICES.

## ELECTRICAL DEMO NOTES

- VERIFY CIRCUITING ARRANGEMENTS ARE AS SHOWN ON DRAWINGS OR AS DETERMINED IN THE FIELD.
- VERIFY THAT WIRING AND EQUIPMENT TO BE ABANDONED SERVE ONLY ABANDONED FACILITIES.
- DEMOLITION DRAWINGS ARE BASED ON CASUAL FIELD OBSERVATION. REPORT DISCREPANCIES TO ENGINEER BEFORE DISTURBING EXISTING INSTALLATION.
- THE ELECTRICAL CONTRACTOR SHALL VISIT THE SITE PRIOR TO PREPARING HIS BID IN ORDER TO FAMILIARIZE HIMSELF WITH CONDITIONS AS THEY EXIST. HE SHALL STUDY ALL AVAILABLE BUILDING PLANS, ARCHITECTURAL AND MECHANICAL DRAWINGS WHICH MAY BE AVAILABLE TO VIEW AT THE FACILITY. TO SATISFY HIMSELF AS TO THE EXTENT OF ANY CONJUGENCIES AND SHALL INCLUDE THE COST OF SAME IN HIS BID. BEGINNINGS OF DEMOLITION SHALL MEAN CONTRACTOR ACCEPTS EXISTING CONDITIONS.
- DISCONNECT ELECTRICAL SYSTEMS IN WALLS, FLOORS, AND CEILINGS SCHEDULED FOR REMOVAL.
- COORDINATE ANY UTILITY SERVICE OUTAGES WITH THE OWNER AND THE UTILITY COMPANY. PROVIDE 72 HOURS' ADVANCED NOTICE MINIMUM. THERE SHALL NOT BE ANY INTERRUPTION TO SERVICES TO THE EXISTING FACILITY WITHOUT PRIOR SCHEDULING OF SUCH OUTAGES WITH THE OWNER. WHEN WORK MUST BE PERFORMED ON ENERGIZED EQUIPMENT OR CIRCUITS, USE ONLY PERSONNEL EXPERIENCED IN SUCH OPERATIONS AND USE THE PROPER PPE REQUIRED.
- PROVIDE TEMPORARY WIRING AND CONNECTIONS TO MAINTAIN EXISTING SYSTEMS IN SERVICE DURING CONSTRUCTION. WHEN WORK MUST BE PERFORMED ON ENERGIZED EQUIPMENT OR CIRCUITS, USE PERSONNEL EXPERIENCED IN SUCH OPERATIONS AND USE THE PROPER PPE REQUIRED. DO WORK ONLY WITH SUPERINTENDENTS PERMISSION.
- EXISTING ELECTRICAL SYSTEM. MAINTAIN EXISTING SYSTEM IN SERVICE UNTIL NEW SYSTEM IS COMPLETE AND READY FOR SERVICE. DISABLE SYSTEM ONLY TO MAKE SWITCHOVERS AND CONNECTIONS. OBTAIN PERMISSION FROM OWNER AT LEAST 72 HOURS BEFORE PARTIALLY OR COMPLETELY DISABLING SYSTEM. MINIMIZE OUTAGE DURATION. MAKE TEMPORARY CONNECTIONS TO MAINTAIN SERVICE IN AREAS ADJACENT TO WORK AREA.
- EXISTING FIRE ALARM SYSTEM. MAINTAIN EXISTING SYSTEM IN SERVICE UNTIL NEW SYSTEM IS ACCEPTED. DISABLE SYSTEM ONLY TO MAKE SWITCHOVERS AND CONNECTIONS. NOTIFY OWNER AND LOCAL FIRE SERVICE AT LEAST 72 HOURS BEFORE PARTIALLY OR COMPLETELY DISABLING SYSTEM. MINIMIZE OUTAGE DURATION. MAKE TEMPORARY CONNECTIONS TO MAINTAIN SERVICE IN AREAS ADJACENT TO WORK AREA. PROVIDE A 24 HOUR MANNEID WATCH IN ANY AREA WHERE THE FIRE ALARM SYSTEM IS DISABLED.
- REMOVE, RELOCATE, AND EXTEND EXISTING INSTALLATIONS TO ACCOMMODATE NEW CONSTRUCTION.
- REMOVE ABANDONED WIRING TO SOURCE OF SUPPLY.
- REMOVE EXPOSED ABANDONED CONDUIT. INCLUDING ABANDONED CONDUIT ABOVE ACCESSIBLE CEILING FINISHES. CUT CONCEALED CONDUIT FLUSH WITH WALLS AND FLOORS. CAP AND PATCH SURFACES.
- DISCONNECT ABANDONED OUTLETS AND REMOVE DEVICES. REMOVE ABANDONED OUTLETS IF CONDUIT SERVING THEM IS ABANDONED AND REMOVED. PROVIDE BLANK COVER FOR ABANDONED OUTLETS AND BOXES WHICH REMAIN AS SPLICING POINTS ARE NOT REMOVED.
- DISCONNECT AND REMOVE ABANDONED PANELBOARDS AND DISTRIBUTION EQUIPMENT.
- DISCONNECT AND REMOVE ELECTRICAL DEVICES AND EQUIPMENT SERVING UTILIZATION EQUIPMENT THAT HAS BEEN REMOVED.
- DISCONNECT AND REMOVE ABANDONED LUMINAIRES. REMOVE ALL BRACKETS, STEMS, HANGERS, AND OTHER ACCESSORIES.
- ALL SALVAGEABLE MATERIAL SHALL REMAIN THE PROPERTY OF THE OWNER. MOVE TO AND STORE AT A LOCATION ON SITE AS DIRECTED BY THE OWNER. IF THE OWNER CHOOSES NOT TO TAKE POSSESSION OF ALL OR SOME PORTION OF SALVAGEABLE MATERIAL, REMOVE THAT MATERIAL FROM SITE AND DISPOSE OF PROPERLY. OBTAIN A RECEIPT FOR ALL ITEMS REMOVED FROM THE SITE.
- REPAIR ADJACENT CONSTRUCTION AND FINISHES DAMAGED DURING DEMOLITION AND EXTENSION WORK.
- MAINTAIN ACCESS TO EXISTING ELECTRICAL INSTALLATIONS WHICH REMAIN ACTIVE. MODIFY INSTALLATION OR PROVIDE ACCESS PANEL AS APPROPRIATE.
- EXTEND EXISTING INSTALLATIONS USING MATERIALS AND METHODS COMPATIBLE WITH EXISTING ELECTRICAL INSTALLATIONS, OR AS SPECIFIED.
- THE CONTRACTOR SHALL MAINTAIN ACCURATE RECORDS OF ANY MODIFICATIONS TO EXISTING SYSTEMS AND SHALL UPON COMPLETION DELIVER "AS-BUILT" DRAWINGS TO THE OWNER INDICATING ANY SUCH CHANGES.
- ALL EXISTING DEVICES AND FIXTURES IN THE PATH OF RENOVATION SHALL BE REMOVED BY THE CONTRACTOR. CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN EXISTING CIRCUITRY TO ALL REMAINING DEVICES AND FIXTURES. FOR EACH DEVICE OR FIXTURE REMOVED AT THE END OF A CIRCUIT, CONTRACTOR SHALL REMOVE WIRING FROM LAST REMAINING DEVICE. FOR EACH DEVICE OR FIXTURE REMOVED IN THE MIDDLE OF A CIRCUIT, CONTRACTOR SHALL REMOVE WIRING FROM FIRST DEVICE OR FIXTURE. NEW WIRING AND CONDUIT, SIZED THE SAME AS EXISTING, SHALL BE PULLED BETWEEN THE TWO REMAINING DEVICES OR FIXTURES. REPAIR ADJACENT CONSTRUCTION AND FINISHES DAMAGED DURING DEMOLITION AND EXTENSION WORK.
- TO PERMIT INSTALLATION OF NEW PIPES OR DUCTS AS INDICATED ON MECHANICAL AND PLUMBING DRAWINGS, THE CONTRACTOR SHALL REMOVE AND REINSTALL OR RELOCATE ANY ELECTRICAL DEVICES OR CONDUITS NECESSARY TO FACILITATE SUCH WORK.

### POWER WIRING COLOR CODE

WIRE FUNCTION & INSTALLATION COLOR			
CONDUCTOR USE	480/277V	208/120V	
PHASE A	BROWN	BLACK	
PHASE B	ORANGE	RED	
PHASE C	YELLOW	BLUE	
NEUTRAL	GRAY	WHITE	
GROUND	GREEN	GREEN	

- TELEPHONE/DATA/WIRELESS ACCESS POINTS - THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING A SYSTEM OF CONDUIT, FITTINGS, BOXES, FROM DEVICE LOCATION TO THE ABOVE CEILING SPACE OR ABOVE JOISTS ONLY IF NO CEILING. COORDINATE WITH TELEPHONE/DATA CONTRACTOR.
- SECURITY SYSTEM - THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING A SYSTEM OF CONDUIT, FITTINGS, BOXES, FROM DEVICE LOCATION TO THE ABOVE CEILING SPACE OR ABOVE JOISTS ONLY IF NO CEILING. COORDINATE WITH SECURITY CONTRACTOR.
- FIRE ALARM - THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING A DESIGN/BUILD, COMPLETE EXTENSION OF THE EXISTING FIRE ALARM SYSTEM. EXTENDED SYSTEM SHALL BE CODE COMPLIANT WITH NFPA AND LOCAL BUILDING CODES. EXTENDED SYSTEM SHALL BE FULLY ADDRESSABLE WITH PULL STATIONS, SMOKE DETECTORS, AND AUDIBLE VISUAL NOTIFICATION. WORK SHALL INCLUDE REVISIONS/RE-LOCATIONS OF EXISTING SYSTEM COMPONENTS IN AREAS OF RENOVATION.
- LIGHTNING PROTECTION - NO LIGHTNING PROTECTION SYSTEM SCOPE IS INCLUDED.
- PAGING SYSTEM - NO PAGING SYSTEM SCOPE IS INCLUDED.

### ELECTRICAL LEGEND

	2 x 4 FLUORESCENT LUMINAIRE		JUNCTION BOX (SIZE PER N.E.C.)
	EMERGENCY 2 x 4 FLUORESCENT LUMINAIRE		JUNCTION BOX FOR DOOR JAMB OR CONDENSATE HEAT (SIZE PER N.E.C.)
	FLUORESCENT STRIP LUMINAIRE		NON-FUSED DISCONNECT SWITCH (FRAME SIZE# POLES/ENCLOSURE)
	EMERGENCY FLUORESCENT STRIP LUMINAIRE		FUSED DISCONNECT SWITCH (FRAME SIZE# POLES/FUSE SIZE/ENCLOSURE)
	ENCLOSED FLUORESCENT LUMINAIRE		COMBINATION STARTER (STARTER SIZE# POLES/ENCLOSURE)
	EMERGENCY ENCLOSED FLUORESCENT LUMINAIRE		MOTOR STARTER PROTECTOR (GROUP MOTOR STARTING) (STARTER SIZE# POLES/ENCLOSURE) SEIMENS PRODUCT #SML - SIZE (OR APPROVED EQUAL)
	WALL MOUNTED FLUORESCENT LUMINAIRE		PANELBOARD (SEE SCHEDULE FOR CONFIGURATION)
	EMERGENCY WALL MOUNTED FLUORESCENT LUMINAIRE		CONDUIT
	RECESSED OR PENDANT MOUNTED LUMINAIRE		UNDERFLOOR/UNDERGROUND CONDUIT
	EMERGENCY RECESSED OR PENDANT MOUNTED LUMINAIRE		EMERGENCY OR LOW VOLTAGE CONDUIT
	RECESSED DIRECTIONAL OR WALL WASH LUMINAIRE		BRANCH CIRCUIT HOMERUN:
	RECESSED LOW VOLTAGE LUMINAIRE		MOTOR - NUMBER DENOTES HORSEPOWER
	WALL MOUNTED LUMINAIRE		
	WALL MOUNTED LUMINAIRE WITH ADJUSTABLE ARM		
	SURFACE MOUNTED ADJUSTABLE LUMINAIRE		
	TRACK MOUNTED LUMINAIRES (AS SHOWN)		
	POLE MOUNTED AREA LIGHT (ONE LUMINAIRE SHOWN)		FIRE ALARM PANEL
	FLOOD LIGHT MOUNTING AS NOTED		FIRE ALARM PULL STATION
	BUILDING MOUNTED WALL PACK		FIRE ALARM HORN
	EMERGENCY BATTERY PACK WITH TWO INTEGRAL LIGHTS		FIRE ALARM AUDIO/VISUAL DEVICE
	EMERGENCY REMOTE SINGLE LIGHT HEAD		FIRE ALARM STROBE DEVICE
	EMERGENCY REMOTE DOUBLE LIGHT HEAD		SMOKE DETECTOR
	EXIT LIGHT (SINGLE, DOUBLE, WALL MOUNTED)		DUCT SMOKE DETECTOR
	POWER POLE BY OTHERS		HEAT DETECTOR
	SINGLE POLE SINGLE THROW SWITCH (SPST)		TAMPER SWITCH - ELECTRICALLY SUPERVISED
	DOUBLE POLE SINGLE THROW SWITCH (DPST)		FLOOD SWITCH - ELECTRICALLY SUPERVISED
	THREE WAY SPST SWITCH		PRESSURE SWITCH - ELECTRICALLY SUPERVISED
	MOTOR RATED SWITCH (SPST UNLESS NOTED OTHERWISE)		LOW AIR SWITCH - ELECTRICALLY SUPERVISED
	SLIDE TYPE DIMMER SWITCH (1000W CAPACITY) LUTRON 40V-1000-WH		FIRE ALARM RELAY
	WALL MOUNTED INFRARED OCCUPANCY DETECTOR (800W @ 120V - 1200W @277V) SENSOR SWITCH WSD (OR APPROVED EQUAL)		LIMIT SWITCH
	CEILING MOUNTED INFRARED OCCUPANCY DETECTOR (800W @ 120V - 1200W @ 277V) SENSOR SWITCH WSD 2P		SELECTOR SWITCH
	CEILING MOUNTED OCCUPANCY DETECTOR SENSOR SWITCH CMRDT (OR EQUAL)		HAND/OFF/AUTO SELECTOR SWITCH
	CEILING MTD OCCUPANCY DET WITH DAYLIGHT CONTROLS SENSOR SWITCH CMR-PDT WITH PHOTOCELL (OR EQUAL)		OFF/AUTO SELECTOR SWITCH
	DUPLEX RECEPTACLE WALL MOUNTED		HAND/AUTO SELECTOR SWITCH
	QUADPLEX RECEPTACLE WALL MOUNTED	AC	ABOVE COUNTER TOP, SEE ARCH ELEVATIONS
	DUPLEX RECEPTACLE WITH RECEPTACLE FOR UPPER BOSS AND TWO USB CHARGING OUTLETS FOR LOWER BOSS.	AFF	ABOVE FINISHED FLOOR
	DUPLEX RECEPTACLE WITH INTEGRAL GROUND FAULT CIRCUIT INTERRUPTER	AFG	ABOVE FINISHED GRADE
	FLUSH MOUNTED MULTI USE FLOOR OUTLET WITH COVER POWER, TELEPHONE AND DATA - AS SPECIFIED	AL	ALUMINUM
	FLUSH MOUNTED FLOOR RECEPTACLE WITH COVER	ATS	AUTOMATIC TRANSFER SWITCH
	SPECIAL RECEPTACLE - W/WEEDING RECEPTACLE, NEMA 10-50R, WEATHERPROOF, UP 42" AFF. TELECOMMUNICATIONS/DATA OUTLET, 4" SQUARE BOX WITH 1" CONDUIT STUBBED ABOVE CEILING OR TO BAR JOISTS	BATT	BATTERY
	DEFAULT HEIGHT IS 18" AFF UNLESS OTHERWISE NOTED -AC = MOUNTED ABOVE COUNTER -C = MOUNTED AT CEILING/BAR JOIST LEVEL -F = FLOORBOX MOUNTED	CMC	CONCRETE
	FIXED OR PTZ CAMERA AS NOTED	CONTR	CONTRACTOR
	ELECTRONIC CARD READER	CT	CURRENT TRANSFORMER
	DOOR CONTACT	CPT	CONTROL POWER TRANSFORMER
	DOUBLE DOOR CONTACT	CU	COPPER
	DOOR LOCK	DISC	DISCONNECT
	OVERHEAD DOOR CONTACT	EF	EXHAUST FAN
	CONTACT	EWC	ELECTRIC WATER COOLER
	DOOR RELEASE	FVNR	FULL VOLTAGE NON REVERSING
	DOOR MANAGEMENT DEVICE/LOCAL ALARM DEVICE	GFCI	GROUND FAULT CIRCUIT INTERRUPTER
	BURGLAR ALARM KEYPAD	HOA	HAND OFF AUTO
	WORK STATION	INST	INSTANTANEOUS
	PRINTER	MCC	MOTOR CONTROL CENTER
	MOTION DETECTOR	MDP	MAIN DISTRIBUTION PANEL
	ACCESS KEY PAD	MSB	MAIN SWITCHBOARD
	HORN STROBE	NC	NORMALLY CLOSED
	READER INTERFACE	NO	NORMALLY OPEN
	MICROPHONE	PNL	PANEL
	SPEAKER	RCD	REFRIGERATION CONTROL PANEL
	GATE CONTROL PANEL	RTD	RESISTANCE TEMPERATURE DETECTOR
	OPTICAL SENSOR	TMI	THERMAL MAGNETIC
	WIRELESS READER	XFMR	TRANSFORMER
	PANIC ALARM	TYP	TYPICAL
	INTERCOM	UON	UNLESS OTHERWISE NOTED
		WP	WEATHERPROOF
			DUPLEX RECEPTACLE AND DATA JACK IN SAME BOX, EQUAL TO P&S #73WTVSSW (RECESSED)
			DATA OUTLET FOR WIRELESS ACCESS POINT, 4" SQUARE BOX WITH CONDUIT STUBBED UP ABOVE CEILING OR TO BAR JOISTS

SYMBOLS ADDED

ELECTRICAL SHEET LIST	
SHEET NO.	Sheet Name
E0001	ELECTRICAL LEGEND, LUMINAIRE SCHEDULE & GENERAL NOTES
E0004	ELECTRICAL SITE PLAN
E0005	OVERALL FIRST FLOOR PLAN - ELECTRICAL
E0006	OVERALL SECOND FLOOR PLAN - ELECTRICAL
E0007	DEMOLITION FIRST FLOOR PLAN - ELECTRICAL
E1110	FIRST FLOOR - LIGHTING PLAN
E1111	SECOND FLOOR OFFICE - LIGHTING PLAN
E2110	FIRST FLOOR - POWER PLAN
E2111	SECOND FLOOR OFFICE - POWER PLAN
E2114	ROOF PLAN - POWER
E4001	ENLARGED PLANS - ELECTRICAL
E6001	ELECTRICAL ONE-LINE DIAGRAM
E6002	PANEL SCHEDULES
E6003	PANEL SCHEDULES

### ELECTRICAL LEGEND, LUMINAIRE SCHEDULE & GENERAL NOTES

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REV	DATE	BY	DESCRIPTION
C	06/10/17	PV	REVISED PRICING ISSUE
B	04/14/17	PV	PRICING ISSUE
A	04/05/17	PV	OWNER REVIEW DRAWINGS

JOB NO: 73006001

DRAWN: PV

CHECKED: MTV

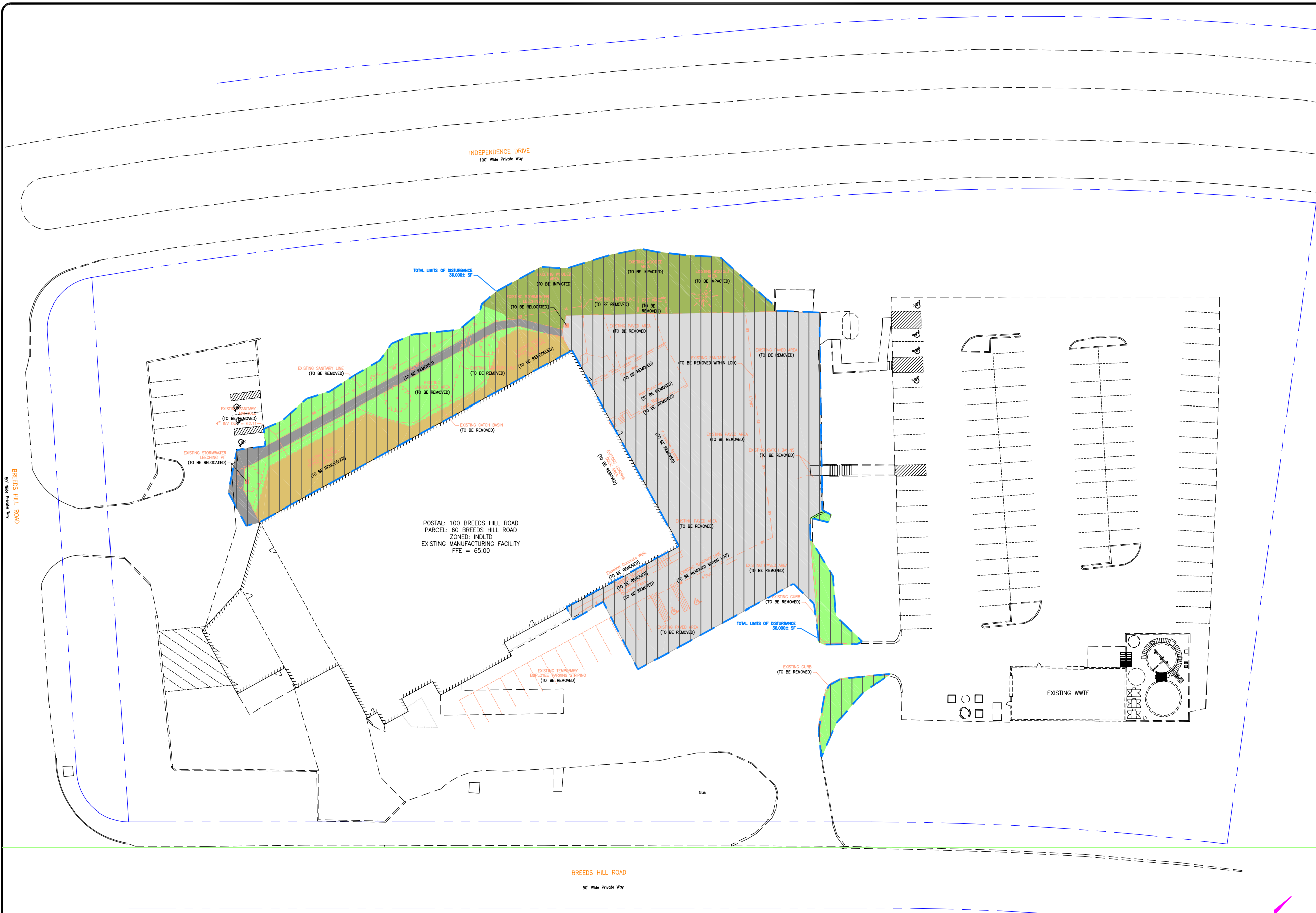
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E0001

DRAWING NO.

TAB 2

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EXISTING IMPERVIOUS/PERVIOUS DRAWING LEGEND			
	LIMITS OF SITE DISTURBANCE: APPROXIMATELY 36,000 SF		IMPERVIOUS AREAS - EXISTING BUILDING: APPROXIMATELY 3,568 SF
	IMPERVIOUS AREAS - EXISTING CONCRETE/ASPHALT: APPROXIMATELY 21,091 SF		PERVIOUS AREAS - EXISTING LANDSCAPING: APPROXIMATELY 5,499 SF
	IMPERVIOUS AREAS - EXISTING SIDEWALK: APPROXIMATELY 1,491 SF		PERVIOUS AREAS - EXISTING WOODED AREAS: APPROXIMATELY 4,652 SF
EXISTING IMPERVIOUS AREAS APPROXIMATELY 26,150 SF		EXISTING PERVIOUS AREAS APPROXIMATELY 10,151 SF	



SNYDER'S-LANCE  
FACILITY RENOVATION  
HYANNIS, MA

SITE  
DEMOLITION  
PLAN

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REV	DATE	BY	OWNER REVIEW	DESCRIPTION
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A	04-06-17	RAF		OWNER REVIEW

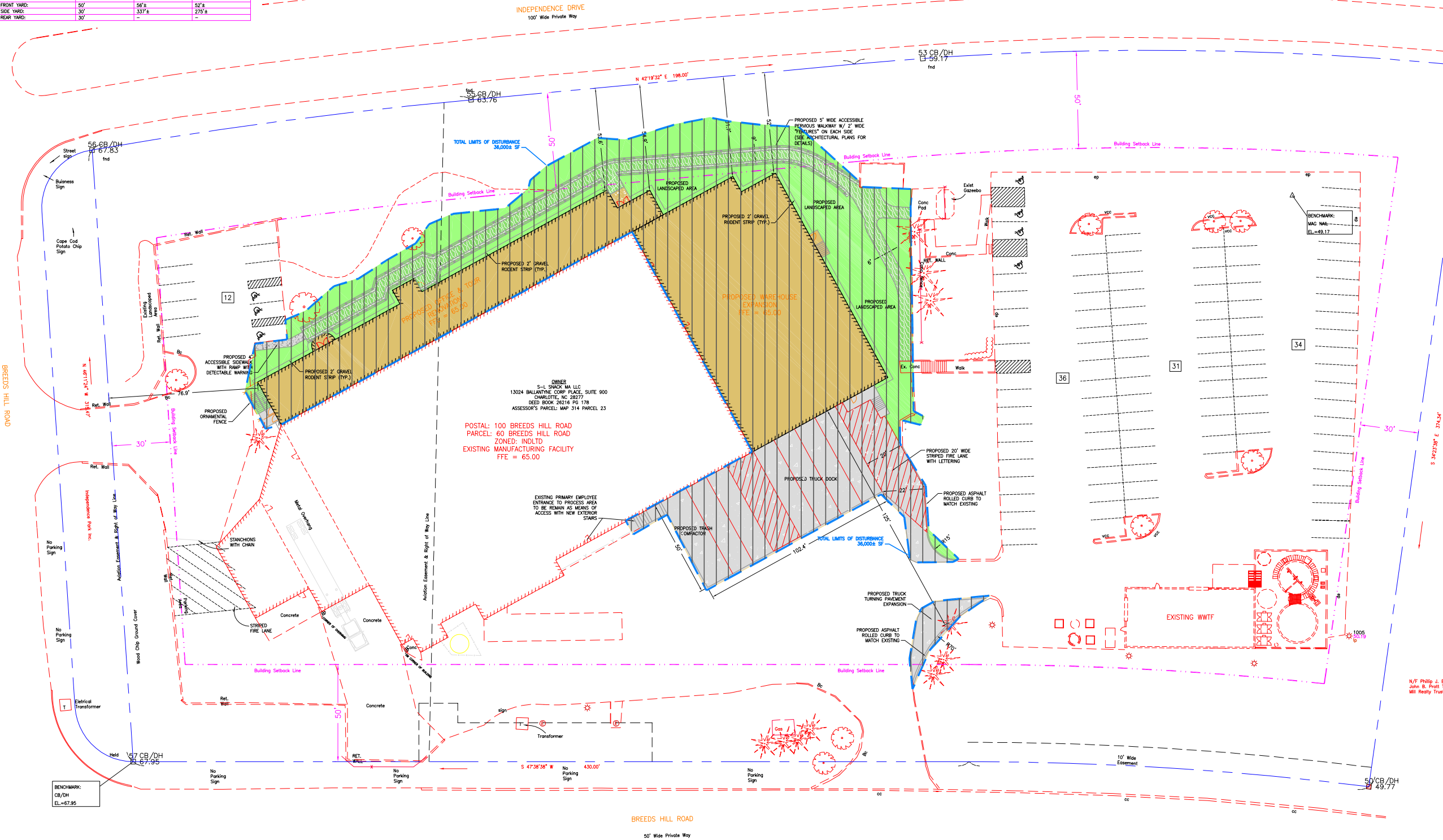
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SITE ANALYSIS TABLE: 100 BREEDS HILL ROAD, HYANNIS, MA 02601			
PROJECT ZONING:	INDLTD - LIMITED INDUSTRIAL		
PROJECT LAND USE:	INDUSTRIAL LIGHT (FOOD MANUFACTURING)(USE CODE 4000)		
PARCEL AREA:	5.63 ACRES		
ASSESSOR'S PARCEL NUMBER(S):	314/003		
FLOOD ZONE & FRW #	ZONE X, MAP # 25001C0566J		
LATITUDE & LONGITUDE	42°40'50.9"N, 70°17'40.4"W		
EMPLOYEES:	MAX SHIFT - 39		
	ZONING REQUIREMENT:	EXISTING:	PROPOSED:
DISTURBED AREA:	-	-	36,000± SF
BUILDING FOOTPRINT:	-	34,478 SF	46,530 SF
FLOOR AREA RATIO (FAR):	-	-	-
PAVED AREA:	-	107,512 SF	92,314 SF
TOTAL MAX. IMPERVIOUS:	MAX IS "EXISTING"	52.9%	-
TOTAL/MIN. OPEN SPACE:	-	-	56.9%
AUTO/OFF-STREET PARKING:	1/700 SF OR 1.3 DP MAX SHIFT	113	113
PARKING SPACE MIN. DIMENSIONS:	9'X20'	EXISTING TO REMAIN	EXISTING TO REMAIN
ADA SPACES:	-	7	7
MOTORCYCLES PARKING:	-	4	4
MAXIMUM BUILDING HEIGHT:	30'	27'-9"	30'
FRONT YARD:	50'	56'±	52'±
SIDE YARD:	30'	337'±	275'±
REAR YARD:	30'	-	-

NOTES:  
AS SHOWN, PROPOSED PROJECT RESULTS IN A NET DECREASE IN IMPERVIOUS  
EXISTING SITE IS GRANDFATHERED-IN FOR LOT COVERAGE IN EXCESS OF  
CURRENT CODE REQUIREMENTS PENDING EXISTING CONDITIONS SURVEY  
BASED UPON THE PRE-1987 ALLOWANCE OF 75% LOT COVERAGE



PROPOSED IMPERVIOUS/PERVIOUS DRAWING LEGEND - (NET DECREASE OF IMPERVIOUS AREA AS COMPARED TO EXISTING CONDITIONS)			
	LIMITS OF SITE DISTURBANCE: APPROXIMATELY 36,000 SF		IMPERVIOUS AREAS - PROPOSED BUILDING: APPROXIMATELY 15,750 SF
	IMPERVIOUS AREAS - PROPOSED CONCRETE/ASPHALT: APPROXIMATELY 7,853 SF		PERVIOUS AREAS - PROPOSED LANDSCAPING: APPROXIMATELY 8,957 SF
			PERVIOUS AREAS - PROPOSED PERVIOUS WALKWAY: APPROXIMATELY 3,741 SF
PROPOSED IMPERVIOUS AREAS APPROXIMATELY 23,603 SF		PROPOSED PERVIOUS AREAS APPROXIMATELY 12,698 SF	



# SNYDER'S-LANCE FACILITY RENOVATION

HYANNIS, MA

## OVERALL SITE PLAN

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B	04-14-17	RAF			
A	04-05-17	RAF			

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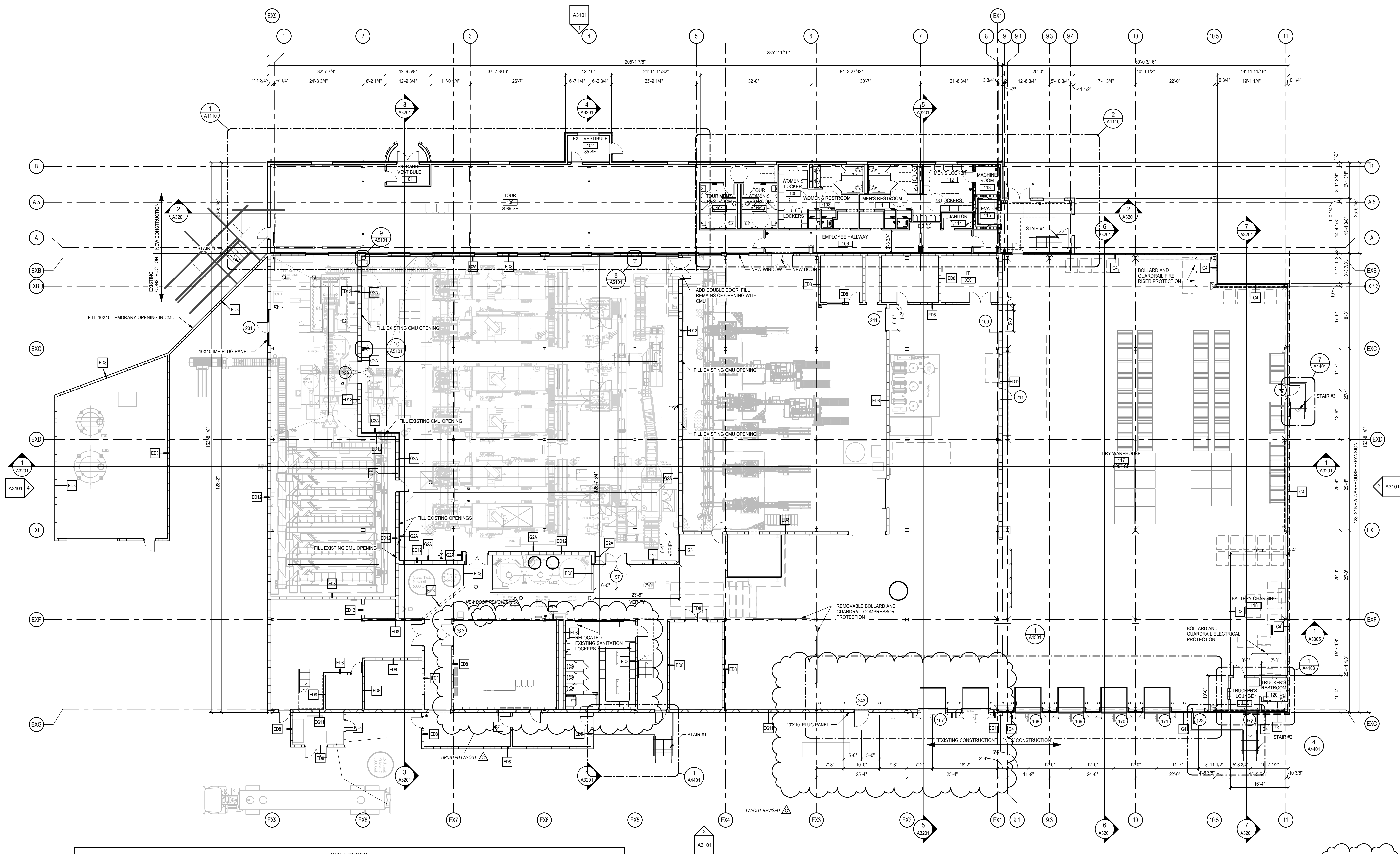
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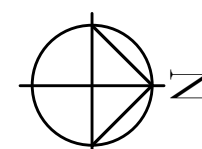
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WALL TYPES	
A4A	3-5/8" METAL STUDS WITH 5/8" GYPSUM WALL BOARD ON BOTH SIDES, FULL HEIGHT TO BOTTOM OF STRUCTURE ABOVE, STC RATING XX
A6A	6" METAL STUDS AT WITH 5/8" GYPSUM WALL BOARD ON BOTH SIDES, FULL HEIGHT TO BOTTOM OF STRUCTURE ABOVE, STC RATING XX
A62	2-HOUR RATED, UL# U419, 6" METAL STUDS WITH (2) LAYERS OF 5/8" GYPSUM WALL BOARD ON BOTH SIDES, FULL HEIGHT TO BOTTOM OF STRUCTURE ABOVE
B4	3-5/8" METAL STUDS WITH 5/8" GYPSUM WALL BOARD ON ONE SIDE, TOP OF WALL TO 6" ABOVE BOTTOM OF CEILING
B25	2-1/2" METAL STUDS WITH 5/8" GYPSUM WALL BOARD ON ONE SIDE, TOP OF WALL TO 6" ABOVE BOTTOM OF CEILING
D8	8" CONCRETE MASONRY UNIT WALL, TOP OF WALL TO MINIMUM OF 6" ABOVE BOTTOM OF CEILING
D82	8" CONCRETE MASONRY UNIT WALL, 2-HOUR RATED BY PRESCRIPTIVE METHOD
ED8	8" CONCRETE MASONRY UNIT WALL, EXISTING WALL TYPE TO REMAIN
ED12	12" CONCRETE MASONRY UNIT WALL, EXISTING WALL TYPE TO REMAIN
EG4	PRE ENGINEERED METAL BUILDING SIDING WITH SAG & BAG INSULATION
EG11	PRE ENGINEERED METAL BUILDING SIDING WITH SAG & BAG INSULATION
G2A	2" INSULATED METAL PANEL, TO BOTTOM OF INSULATED METAL PANEL CEILING
G4	4" INSULATED METAL PANEL
G5	5" INSULATED METAL PANEL
HM1	HARDI LAP SIDING ON 2" CONTINUOUS RIGID INSULATION (DESIGNED TO ACHIEVE R-7.5) ON 5/8" STRUCTURAL SHEATHING ON 6" METAL STUD FRAMING WITH BATT INSULATION AND 5/8" GYPSUM BOARD INTERIOR FINISH R-13 MIN.
HM2	HARDI SHINGLE FINISH ON 2" CONTINUOUS RIGID INSULATION (DESIGNED TO ACHIEVE R-7.5) ON 5/8" STRUCTURAL SHEATHING ON 6" METAL STUD FRAMING WITH BATT INSULATION AND 5/8" GYPSUM BOARD INTERIOR FINISH R-13 MIN.

1 FIRST FLOOR PLAN OVERALL

SCALE: 3/32" = 1'-0"



ANNOTATION AND DIMENSIONS  
ADDED AND REVISED

GENERAL NOTES:

- 0'-0" ELEVATION REFERS TO DATUM ELEVATION XXX
- ALL EQUIPMENT IS ILLUSTRATED FOR REFERENCE PURPOSES ONLY.
- COORDINATE ALL WALL BLOCKOUTS/OPENINGS FOR EQUIPMENT AND BUILDING SERVICES WITH THEIR RESPECTIVE DRAWINGS.
- REFER TO WALL CURB SECTIONS ON SHEET A504.
- ALL PLUMBING FIXTURES ARE LOCATED FROM COLUMN GRIDS UNLESS NOTED OTHERWISE.
- ARMOR JOINTS TO BE LOCATED WHERE SHOWN ON PLANS ("A") AND AT ALL EXPANSION JOINTS, CONSTRUCTION JOINTS, DISSIMILAR FLOOR FINISHES, AND VEHICULAR TRAFFIC DOORS. SEE DETAIL A500A.

REV	DATE	BY	DESCRIPTION
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2	04/14/17	TSS	OWNER REVIEW

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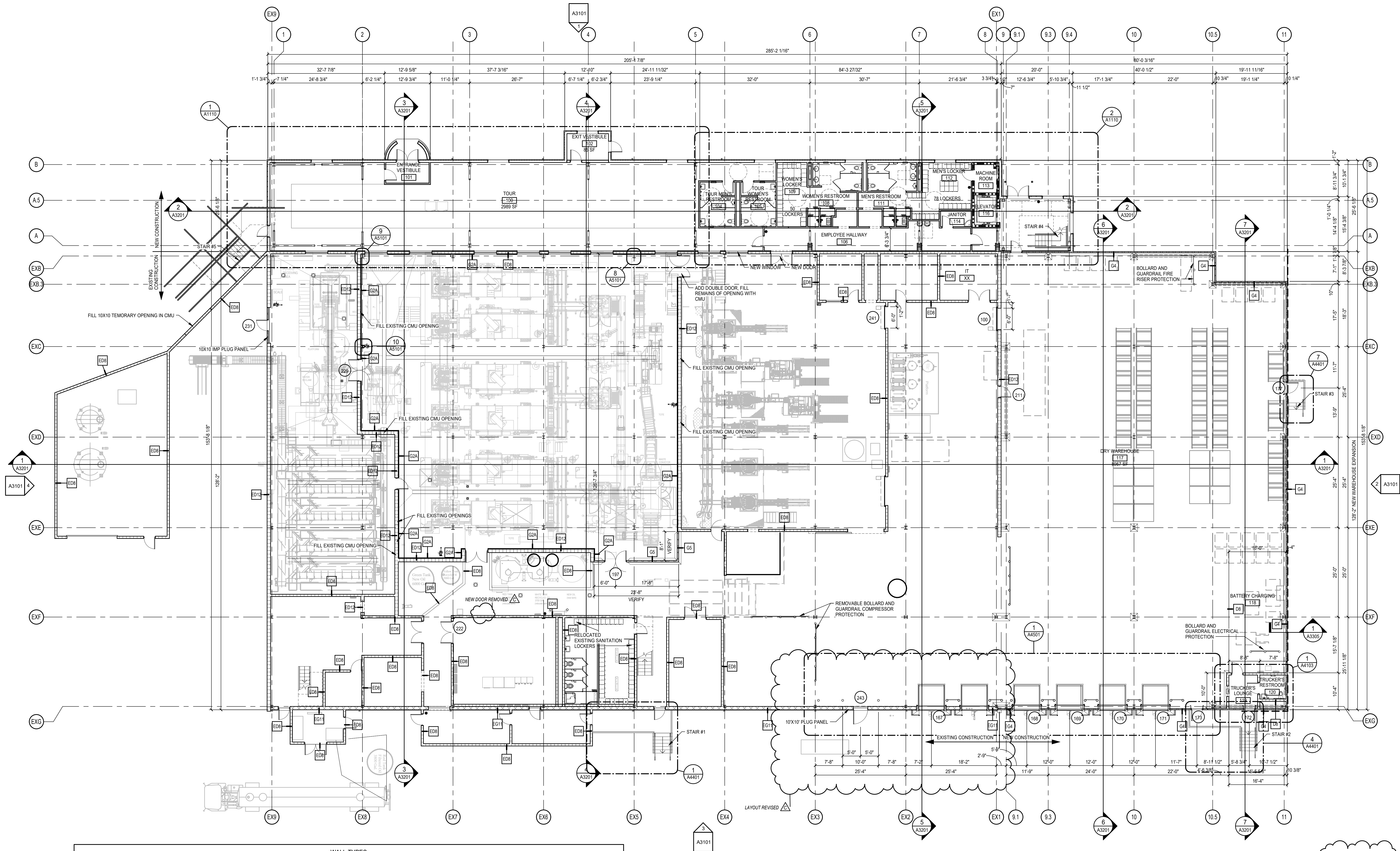
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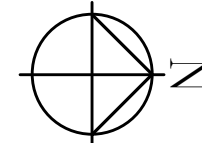
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REV	DATE	BY	DESCRIPTION
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B	04/05/17	TSS	OWNER REVIEW

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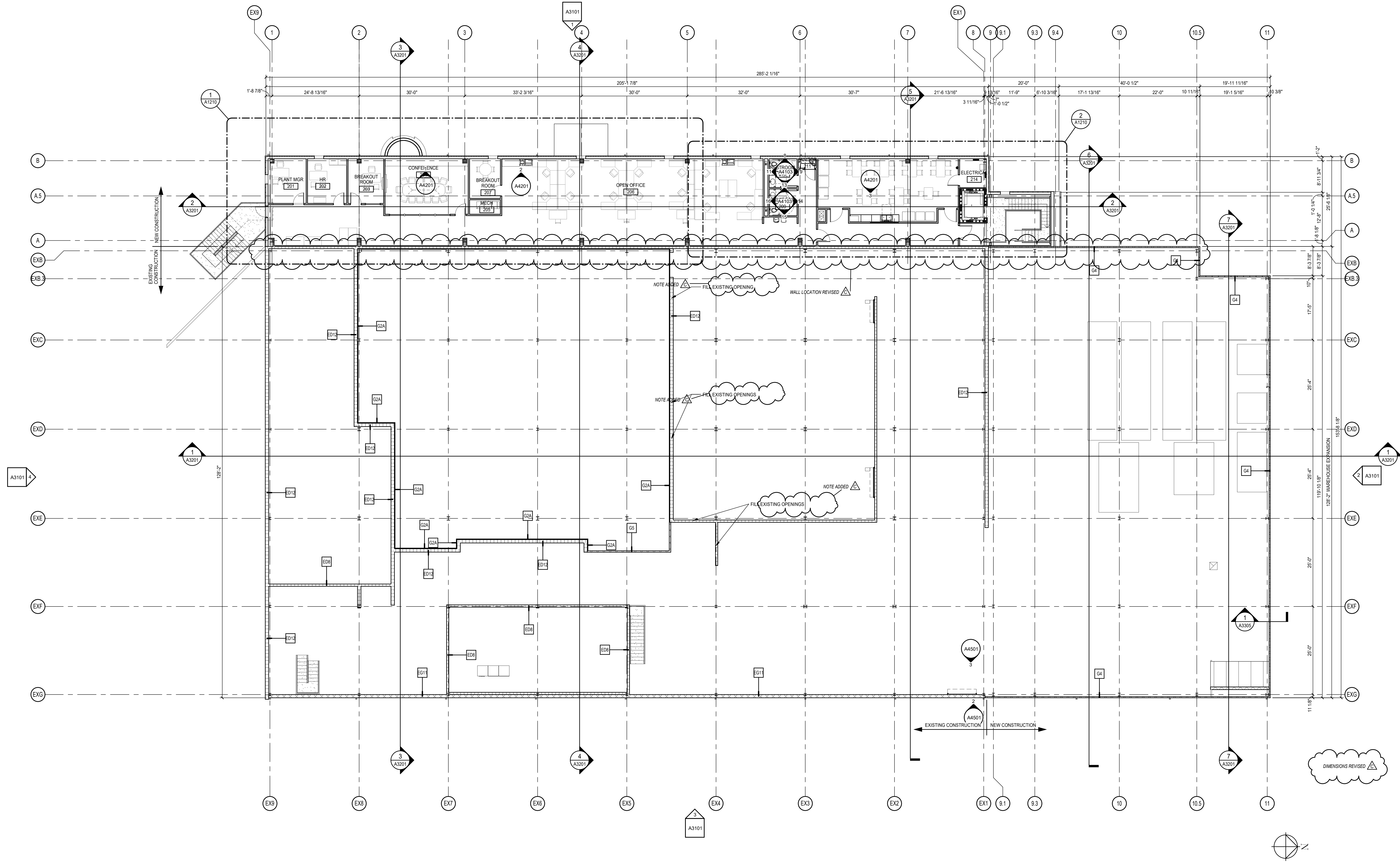
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B4	3-5/8" METAL STUDS WITH 5/8" GYPSUM WALL BOARD ON ONE SIDE, TOP OF WALL TO 6" ABOVE BOTTOM OF CEILING
B25	2-1/2" METAL STUDS WITH 5/8" GYPSUM WALL BOARD ON ONE SIDE, TOP OF WALL TO 6" ABOVE BOTTOM OF CEILING
D8	8" CONCRETE MASONRY UNIT WALL, TOP OF WALL TO MINIMUM OF 6" ABOVE BOTTOM OF CEILING
D82	8" CONCRETE MASONRY UNIT WALL, 2-HOUR RATED BY PRESCRIPTIVE METHOD
ED8	8" CONCRETE MASONRY UNIT WALL, EXISTING WALL TYPE TO REMAIN
ED12	12" CONCRETE MASONRY UNIT WALL, EXISTING WALL TYPE TO REMAIN
EG4	PRE ENGINEERED METAL BUILDING SIDING WITH S&G & BAG INSULATION
EG11	PRE ENGINEERED METAL BUILDING SIDING WITH S&G & BAG INSULATION
G2A	2" INSULATED METAL PANEL, TO BOTTOM OF INSULATED METAL PANEL CEILING
G4	4" INSULATED METAL PANEL
G5	5" INSULATED METAL PANEL
HM1	HARDI LAP SIDING ON 2" CONTINUOUS RIGID INSULATION (DESIGNED TO ACHIEVE R-7.5) ON 5/8" STRUCTURAL SHEATHING ON 6" METAL STUD FRAMING WITH BATT INSULATION AND 5/8" GYPSUM BOARD INTERIOR FINISH R-13 MIN.
HM2	HARDI SHINGLE FINISH ON 2" CONTINUOUS RIGID INSULATION (DESIGNED TO ACHIEVE R-7.5) ON 5/8" STRUCTURAL SHEATHING ON 6" METAL STUD FRAMING WITH BATT INSULATION AND 5/8" GYPSUM BOARD INTERIOR FINISH R-13 MIN.

REV	DATE	BY	DESCRIPTION
1	5/4/17	TSS	ISSUE
2	5/4/17	TSS	OWNER REVIEW

JOB NO: 73006001

DRAWN: KEK

CHECKED:

SCALE: 3/32" = 1'-0"

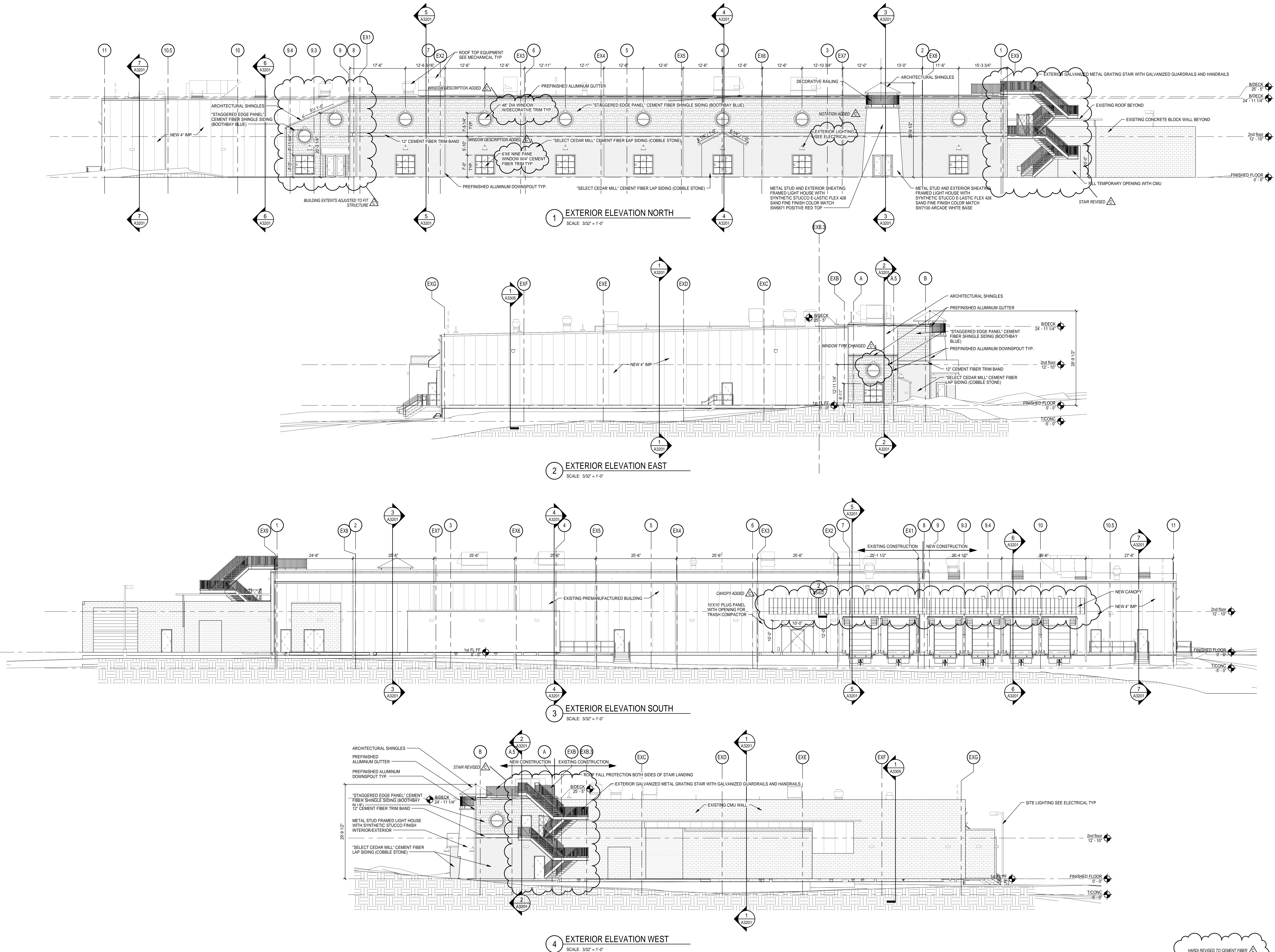
**A1200**

DRAWING NO.



5/11/2017 10:22:48 AM

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REV	DATE	BY	DESCRIPTION
C	04/14/17	TSS	ISSUING
B	04/14/17	TSS	PRICING ISSUE
A	04/15/17	TSS	OWNER REVIEW

JOB NO: 73006001

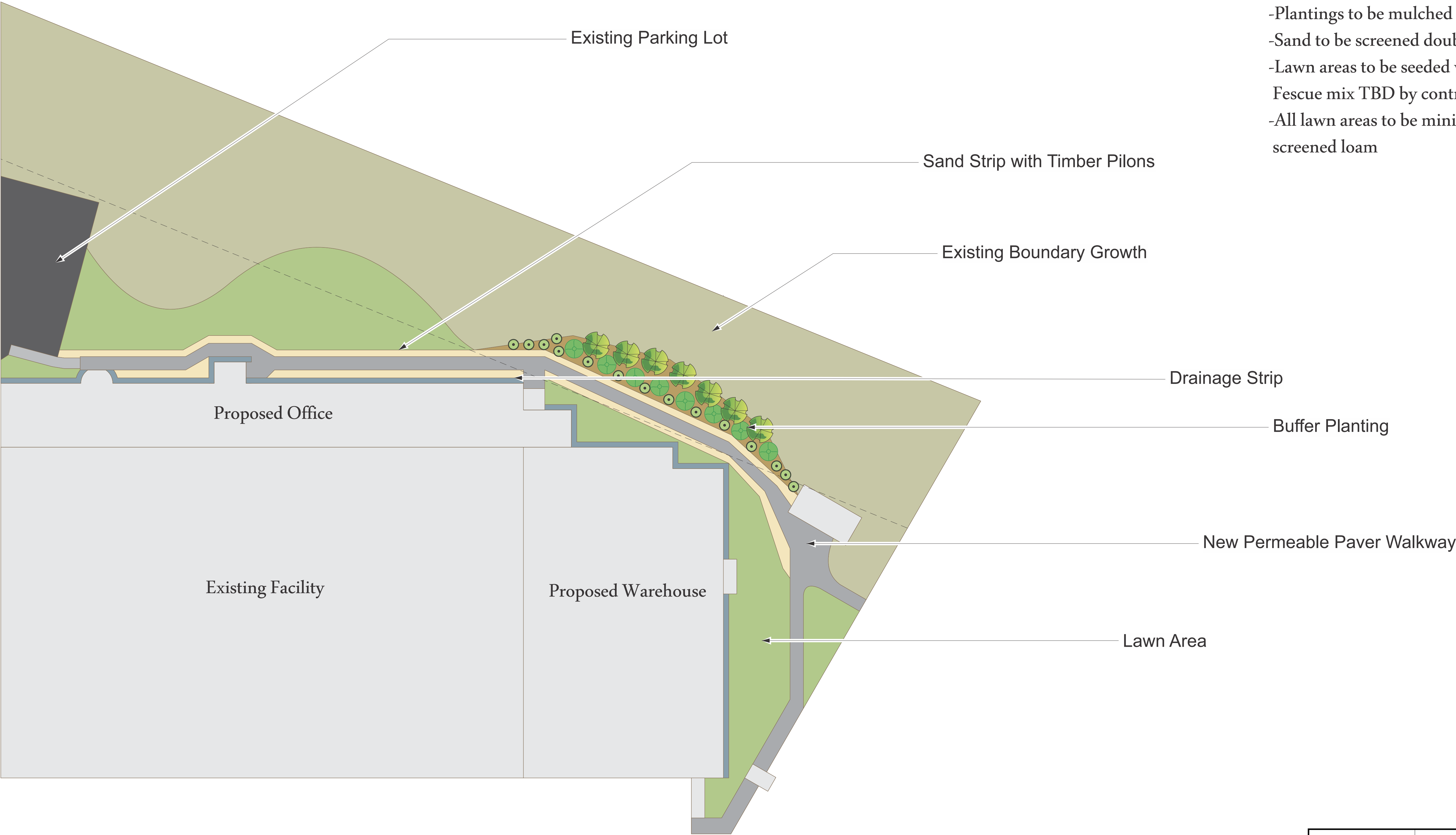
DRAWN: Author

CHECKED: Checker

SCALE: 3/32" = 1'-0"

**A3101**  
DRAWING NO.

TAB 4



- 7) Tupelo - 2-3" Caliper B&B
- 9) Eastern White Pine 2.5-3" Caliper B&B
- 15) Bayberry - #10 Container

Notes:

- Plantings to be mulched with shredded pine bark
- Sand to be screened double washed
- Lawn areas to be seeded with Ryegrass/ Bluegrass Fescue mix TBD by contractor based on light cond.
- All lawn areas to be minimum of 5" premium screened loam

REVISIONS	Clipper Landscape LLC 117 Industrial Drive, Mashpee Ma 02649	
	TITLE: Cape Cod Chips	
	DRAWN BY: MS	
	CHECKED BY:	
	DATE: 5/8/17	SHEET: 1
	SCALE: 1" = 20'	OF 1 SHEETS

TAB 5



## **Cape Cod Potato Chips Hyannis, MA Hazardous Waste Summary**

### **Hazardous Waste Generated at the Site**

- Lab Packs – Titration test remnants
  - Max on site at any time: 2 - 55 gallon drums

### **Details**

The new kitchen process that has been proposed will further push the facility's goal of reducing hazardous waste generation at the site. Currently, the only stream of hazardous waste routinely generated at the site comes from titration tests on the cooking oil in the fryers for free fatty acids. The new cooking process reduces the overall number of fryers from 18 small ones to 6 large ones, decreasing the number of tests that will need to be completed on a routine frequency. This will decrease the amount of waste generated from this process.

With the installation of the facility and kitchen upgrades at the Cape Cod Potato Chips Plant, we do not anticipate any increase in hazardous waste generation.

Relative to the on-site process wastewater treatment plant, the wastewater upgrade in 2014 was installed with the plan for future production and activity increase at the plant in mind, and has already accounted for the potential production increases and increased volume of process water.

Initial design elements considered top priority of the new wastewater pretreatment system were to address the risk of potential leakage and contamination (due to the age of the system if it were to remain in place for an extended period of time), discharge quality, and overall operations efficiency. This was managed by incorporating an entirely above-ground treatment system with full overflow and spill containment capacity. The new system is much more efficient than the previous design, which is evident in the quality of the water that is discharged from production to the municipal POTW. The new system is also more efficient in the use of time and chemicals it takes to process the large volume of water treated daily, which can be done in a fraction of the time and with minimal chemicals needed for treatment. The outdated, in-ground system that had previously been in place for over 25 years was removed and properly cleaned with guidance from Mass DEP and an approved demolition plan that we developed and submitted before shut down.

TAB 6





## **Overview**

Since 1980, Cape Cod Potato Chips have been made in Hyannis with the same ridiculous crunch and passion for quality. Proudly featuring our beloved community and famous Nauset Lighthouse on every bag we sell, the Hyannis facility and the Cape Cod brand are a popular and growing part of the Snyder's-Lance family of brands.

## **About the Hyannis Facility**

- The facility operates 24 hours a day, five to six days a week and produces approximately 14.5 million pounds of potato chips a year.
- Our facility sources more than 65% of the potatoes we use in production from the Northeast
- We are a critical distribution point to Northeast and Canada capable of producing more than 60 SKU's.
- We employ more than 100 people including production, warehouse, retail store, and tour staff.
- Our facility tour operates Mon-Fri 9-5 and attracts more than 100,000 visitors annually.
- We have 3 physical facilities on the island including: production facility at Breeds Hill Road, Airport Way warehouse (Hyannis), and Whites Path Warehouse (Yarmouth).

## **About the Cape Cod Brand**

- Cape Cod is growing three times faster than the kettle chip category and faster than any other kettle chip brand.
- Cape Cod has the #1 SKU in the entire Snyder's-Lance Portfolio and two SKU's in the top five.
- The brand continues to deliver innovative products such as kettle chips flavored from Infused Oils and Limited Batch culinary flavors.
- Currently offers over 80 SKU's sold across North America.

## **Supporting our Community**

- Snyder's-Lance and the Hyannis facility have a long tradition of supporting our community, including more than \$200,000 of cash and in-kind product donations to local organizations.
- In 2013, as part of our commitment to the iconic light featured on every bag of Cape Cod we funded the repainting of the Nauset Lighthouse.
- We also support local food banks with regular donations of product to help feed our neighbors who are in need.