

FLAT ROOF 7-27 DEG

a = 6'-0" MIN

(115 MPH) ALLOWABLE (ASD) WIND PRESSURES FOR COMPONENTS & CLADDING (ASCE 7-10)

EFFECTIVE AREA (ISO FT)	ZONE 1		ZONE 2		ZONE 3	
	PRESSURE	SUCTION	PRESSURE	SUCTION	PRESSURE	SUCTION
10	25 PSF	-25 PSF	37 PSF	-37 PSF	49 PSF	-58 PSF
20	25 PSF	-25 PSF	37 PSF	-37 PSF	49 PSF	-58 PSF
50	25 PSF	-25 PSF	37 PSF	-37 PSF	37 PSF	-37 PSF
100	25 PSF	-25 PSF	37 PSF	-37 PSF	37 PSF	-37 PSF
A > 380	25 PSF	-25 PSF	25 PSF	-25 PSF	25 PSF	-25 PSF

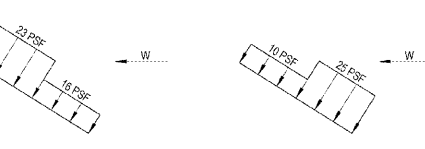
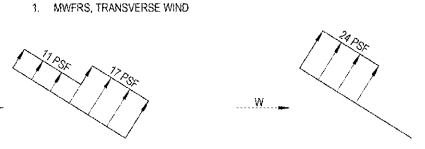
- NOTES:**
- W DENOTES EDGE STRIP = 6'-0"
 - POSITIVE & NEGATIVE SIGNS SIGNIFY PRESSURES ACTING TOWARDS AND AWAY FROM THE BUILDING SURFACES, RESPECTIVELY.
 - WIND PRESSURES INDICATED ABOVE ARE ALLOWABLE STRESS DESIGN WIND PRESSURES. DIVIDE THE PRESSURES BY A FACTOR OF 0.6 TO OBTAIN STRENGTH DESIGN WIND PRESSURES.

COMPONENTS & CLADDING PRESSURES

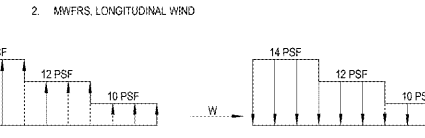
ROOF LIVE LOADS	20 PSF
DEAD LOADS (D)	
ROOF:	15 PSF, INCLUDING STRUCTURE
SIGN:	20 PSF, INCLUDING STRUCTURE
COLUMNS & TRUSSES	STEEL SELF WEIGHT (490PCF)
UPLIFT LOAD COMBINATION (D)	
ROOF:	10 PSF, INCLUDING STRUCTURE
SIGN:	10 PSF, INCLUDING STRUCTURE
COLUMNS & TRUSSES	STEEL SELF WEIGHT (490PCF)
SNOW LOADING	
GROUNDED SNOW LOAD, P _G :	20 PSF
FLAT-ROOF SNOW LOAD, P _F :	20 PSF

NON-BLDG STRUCTURE WIND LOAD

1. MWFRS, TRANSVERSE WIND



2. MWFRS, LONGITUDINAL WIND



WIND PRESSURES & VELOCITIES GIVEN HEREIN ARE NOMINAL (V nom)

3. ROOF WL PRESSURE (MWFRS & C&C) ARE THE COMBINED EFFECT OF WIND IN BOTH SURFACES (TOP & BOTTOM)

B. 2D TRUSSES: 28 PSF ON SOLID AREA. EACH TRUSS SIMULTANEOUSLY

C. SIGN, 28 PSF. CASES A, B, AND C CONSIDERED

D. COLUMNS, SQUARE, 28 PSF ALL COLUMNS SIMULTANEOUSLY IN THE WIND DIRECTION BEING CONSIDERED

GENERAL

- ALL WORK SHALL BE IN ACCORDANCE WITH THE 2012 VUSBC (2012 IBC), AS ADOPTED AND SUPPLEMENTED BY LOCAL REGULATION.
- THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS AT THE SITE AND SHALL NOTIFY THE ARCHITECT / ENGINEER OF DISCREPANCIES BETWEEN THE ACTUAL CONDITIONS AND INFORMATION SHOWN ON THE DRAWINGS BEFORE PROCEEDING WITH WORK.
- THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE COMPLETE DESIGN OF THE STRUCTURE. THEY DO NOT INDICATE THE MEANS AND METHODS OF CONSTRUCTION UNLESS SO STATED OR NOTED. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE WORKERS, OR THEIR PERSONS DURING CONSTRUCTION.
- OBSERVATION VISITS TO THE SITE BY EOR OR REPRESENTATIVES OF THE EOR MAY BE MADE DURING CONSTRUCTION. ANY SUPPORT SERVICES PERFORMED HEREIN SHALL BE DISTINGUISHED FROM INSPECTION AND/OR TESTING SERVICES PERFORMED BY OTHERS, AND ARE NOT TO BE CONSTRUED AS SUPERVISION AND / OR MANAGEMENT OF CONSTRUCTION.
- THE CONTRACTOR SHALL PROVIDE TEMPORARY ERECTION BRACING AND SHORING OF ALL STRUCTURAL MEMBERS AS REQUIRED FOR STABILITY OF THE STRUCTURE DURING ALL PHASES OF CONSTRUCTION. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT / ENGINEER OF ANY CONDITION WHICH, IN HIS OPINION, MIGHT ENDANGER THE STABILITY OF THE STRUCTURE OR CAUSE DISTRESS WITHIN THE STRUCTURE.
- CONSTRUCTION MATERIALS SHALL NOT BE STACKED ON FLOORS OR ROOFS IN EXCESS OF THE DESIGN LIVE LOADS WHICH ARE INDICATED IN THE GENERAL NOTES. IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THE SUBCONTRACTORS ARE INFORMED AND DO NOT VIOLATE THIS IMPORTANT REQUIREMENT. IMPACT SHALL BE AVOIDED WHEN PLACING MATERIALS ON FLOORS OR ROOFS.
- DRAWINGS ARE NOT TO BE SCALED.
- FOR ACTUAL ELEVATION ON FIRST FLOOR (REF. ELEV. 0'-0" HEREIN), SEE SITE PLAN.
- DRAWINGS INDICATE GENERAL AND TYPICAL DETAILS OF CONSTRUCTION. WHERE CONDITIONS ARE NOT SPECIFICALLY INDICATED BUT ARE OF SIMILAR CHARACTER TO THE DETAILS PRESENTED, SIMILAR DETAILS SHALL BE USED SUBJECT TO THE REVIEW OF ENGINEER OF RECORD.
- SUBMIT WRITTEN REQUEST TO THE ARCHITECT FOR APPROVAL OF ANY PROPOSED CHANGE TO THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. SPlicing, CUTTING, NOTCHING OR OTHER ALTERATIONS TO STRUCTURAL MEMBERS ARE NOT PERMITTED WITHOUT WRITTEN AUTHORIZATION OF THE ENGINEER. ANY UNAUTHORIZED DEVIATION FROM THE CONTRACT DOCUMENTS, AND CORRECTION THEREOF, IS THE RESPONSIBILITY OF THE CONTRACTOR. SUBSEQUENT DOCUMENTATION / REQUESTS TO BUILDING ENGINEER OF RECORD FROM GENERAL CONTRACTOR SHALL INCLUDE EVALUATION OF DEVIATIONS BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF THE PROJECT.
- THE MOST STRINGENT REQUIREMENTS APPLY IN CASE OF CONFLICT BETWEEN SPECIFICATIONS, STANDARDS, CODES AND DRAWINGS.

DESIGN DATA

ROOF LIVE LOADS	20 PSF
DEAD LOADS (D)	
ROOF:	15 PSF, INCLUDING STRUCTURE
SIGN:	20 PSF, INCLUDING STRUCTURE
COLUMNS & TRUSSES	STEEL SELF WEIGHT (490PCF)
UPLIFT LOAD COMBINATION (D)	
ROOF:	10 PSF, INCLUDING STRUCTURE
SIGN:	10 PSF, INCLUDING STRUCTURE
COLUMNS & TRUSSES	STEEL SELF WEIGHT (490PCF)
SNOW LOADING	
GROUNDED SNOW LOAD, P _G :	20 PSF
FLAT-ROOF SNOW LOAD, P _F :	20 PSF

WIND DESIGN

VELOCITY:	112 MPH (ASCE 7-10)
IMPORTANCE:	1.00
BLDG. CATEGORY:	II, OPEN
WIND EXPOSURE:	C
INTERNAL PRESSURE COEFF:	+/- 0.00

SEISMIC DESIGN

IMPORTANCE:	1.0
DESIGN CATEGORY:	B
SITE CLASS:	D
BASIC IS-R SYSTEM:	INVERTED PENDULUM
R (RESPONSE MOD.):	2
Cs (RESPONSE COEF.):	0.147
Ss:	0.279g
S1:	0.060g
S2:	0.294g
S3:	0.099g
ANALYSIS PROCEDURE:	EQUIVALENT LATERAL FORCE
DESIGN BASE SHEAR:	DOES NOT GOVERN THIS DESIGN

SUBMITTALS

- SHOP DRAWING REVIEW IS FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT. CORRECTIONS OR COMMENTS MADE ON THIS REVIEW DO NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY FOR ERRORS AND OMISSIONS, AND FROM COMPLIANCE WITH THE PLANS AND SPECIFICATIONS. CORRECTIONS OR COMMENTS DO NOT AUTHORIZE AN INCREASE IN THE CONSTRUCTION BUDGET.
- APPROVAL OF SHOP DRAWINGS DOES NOT INDICATE ACCEPTANCE OF DEVIATIONS FROM CONTRACT DOCUMENTS OR PREVIOUS SHOP DRAWING REVIEWS, UNLESS SPECIFICALLY NOTED THEREIN BY ENGINEER OF RECORD.
- ANY CHANGES TO THE DESIGN CONCEPT SHOWN IN CONTRACT DOCUMENTS SHALL BE SUBMITTED IN WRITING AND APPROVED BY THE ARCHITECT AND ENGINEER PRIOR TO SUBMITTING SHOP DRAWINGS. ALL SUCH CHANGES SHALL BE "PUBBLED" ON THE SHOP DRAWINGS AND REFERENCED TO THE PROJECT REF.
- SUBMITTALS SHALL CONFORM TO THE REQUIREMENTS OF THE CONTRACT DRAWINGS. REFER TO ITEM C ABOVE FOR SUBMITTALS. NON-CONFORMING OR NON-REVIEWED SUBMITTALS WILL BE RETURNED FOR REVIEW.
- SHOP DRAWINGS SHALL BE "APPROVED", SIGNED AND DATED BY THE GENERAL CONTRACTOR PRIOR TO SUBMITTAL TO ENGINEER AND ARCHITECT OF RECORD.
- SHOP DRAWINGS SHALL NOT CONTAIN REPRODUCTIONS OF THE CONTRACT DRAWINGS.
- SUBMITTAL REQUIREMENTS:
 - DRAWINGS/DATA TO BE SUBMITTED FOR APPROVAL

CONCRETE MIX DESIGNS
REINFORCING STEEL
STRUCTURAL STEEL

SHOP DRAWINGS/DATA TO BE SUBMITTED FOR APPROVAL
SUBMITTALS SHALL BE SIGNED AND SEALED BY A REGISTERED PROFESSIONAL ENGINEER LICENSED IN THE STATE OF THE PROJECT

PRE-ENGINEERED METAL PANEL DECKING
PRE-ENGINEERED LAM PANEL DECKING

- PROVIDE COPIES OF MANUFACTURERS LITERATURE FOR ALL MATERIALS AND PRODUCTS USED IN CONSTRUCTION ON THE PROJECT.

FOUNDATIONS / SITE WORK

- FOUNDATION DESIGN IS BASED UPON THE FOLLOWING SOILS REPORT:
 - COMPANY NAME: ECS
 - DATE: OCTOBER 12, 2017
 - ECS PROJECT NO. 03-12528
- ALLOWABLE SOIL PRESSURE IS TO BE 2500 PSF.
- ANY FILL REQUIRED TO BACKFILL EXCAVATED AREA OR ACHIEVE FINISHED GRADE IN STRUCTURAL AREAS SHALL BE AS INDICATED BY GEOTECHNICAL ENGINEER. THE FILL SHALL BE PLACED IN LEVEL LIFTS NOT EXCEED 12" LOOSE THICKNESS AND COMPACTED TO A MINIMUM OF 96% OF THE SOIL'S MODIFIED PROCTOR MAXIMUM DRY DENSITY AS DETERMINED BY ASTM SPECIFICATION D-1557.
- IN-PLACE DENSITY TESTS SHALL BE PERFORMED BY AN EXPERIENCED ENGINEERING TECHNICIAN. TESTS SHALL BE PERFORMED FOR EACH 2,000 SQUARE FEET, IN EVERY COLUMN FOOTING LOCATION AND EACH 50'-0" ALONG WALL FOOTINGS. COPIES OF THE TEST REPORTS SHALL BE FURNISHED TO THE STRUCTURAL ENGINEER.
- REMOVE FREE WATER FROM EXCAVATIONS BEFORE PLACING CONCRETE.
- CAUTION SHOULD BE USED WHEN OPERATING VIBRATORY COMPACTING EQUIPMENT NEAR THE EXISTING STRUCTURE TO AVOID THE RISK OF DAMAGE TO THE STRUCTURE.

REINFORCED CONCRETE

- CONCRETE WORK SHALL CONFORM TO ACI-08 SPECIFICATIONS, CODES AND STANDARDS.
- CAST-IN-PLACE CONCRETE, UNLESS OTHERWISE NOTED:
 - PORTLAND CEMENT PER ASTM C150
 - MAXIMUM ALLOWABLE UNIT SHRINKAGE OF 0.03%
 - 25% MAXIMUM FLYASH BY WEIGHT
- FOOTINGS & PEDESTAL:
 - 4000 PSI 28-DAY COMPRESSIVE STRENGTH, NORMAL WEIGHT, MAXIMUM AGGREGATE SIZE OF 1", 0.55 MAX. W.C, 3'-4" SLUMP
- CONCRETE COVER OVER REINFORCEMENT:
 - FOOTINGS & PEDESTAL: 3"
- REINFORCING, UNLESS OTHERWISE NOTED:
 - REINFORCING BARS SHALL CONFORM TO ASTM A615, GRADE 60.
 - WHERE CONTINUOUS REINFORCING IS SPECIFIED, SUCH REINFORCING MAY BE SPLICED WHERE APPROVED IN WRITING BY THE ENGINEER OF RECORD.
 - AT CHANGES IN DIRECTION OF CONCRETE WALLS, BEAMS, AND FOOTINGS, PROVIDE CORNER BARS OF SAME SIZE, QUANTITY AND SPACING AS HORIZONTAL STEEL.
 - LAP SPLICES SHALL BE 48 BAR DIAMETERS, WIRED TOGETHER.

FOOTINGS & PEDESTAL

- THE OWNER SHALL EMPLOY A QUALIFIED TESTING LABORATORY TO PREPARE ONE SET OF FOUR TEST CYLINDERS PER DAY OR ONE SET FOR EACH 50 CUBIC YARDS POURED, MAXIMUM. LABORATORY REPORT SHALL BE FURNISHED TO THE STRUCTURAL ENGINEER SHOWING STRENGTH OF CONCRETE AT 7 (7 CYLINDERS) AND 28 (2 CYLINDERS) DAYS. FINAL CYLINDER SHALL BE HELD IN RESERVE.
- THERE SHALL BE NO HORIZONTAL JOINTS IN ANY CONCRETE POURS UNLESS SHOWN ON THE STRUCTURAL DRAWINGS. THE ENGINEER OF RECORD SHALL APPROVE ALL DEVIATIONS OR ADDITIONAL JOINTS IN WRITING.

STRUCTURAL STEEL

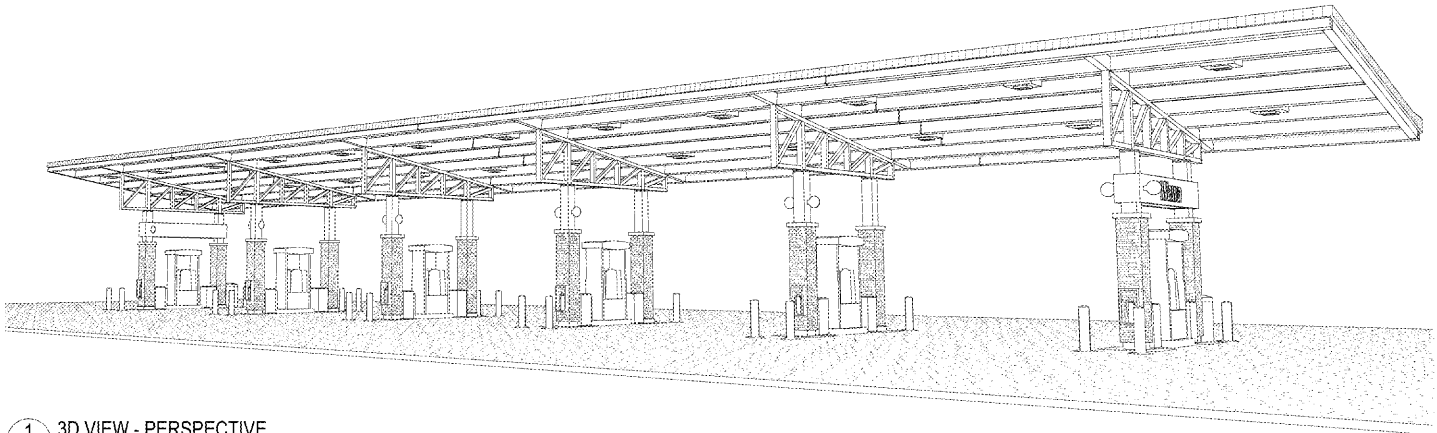
- ALL STRUCTURAL STEEL WORK SHALL CONFORM TO AISC SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS-ALLOWABLE STRESS DESIGN, 15TH ED.
- MATERIAL SHALL CONFORM TO THE FOLLOWING, EXCEPT AS NOTED:
 - STRUCTURAL STEEL PLATES: ASTM A572, GRADE 50
 - THREADED ROD ANCHOR BOLTS: ASTM F1554 GRADE 105
 - TUBE SECTIONS: ASTM A500, GRADE B
 - STRUCTURAL ANGLE & CHANNELS: ASTM A36
- WELDING, UNLESS OTHERWISE NOTED:
 - ALL SHOP AND FIELD WELDING SHALL CONFORM TO AWS STRUCTURAL WELDING CODE, ANSI/A5.1 D.11
 - ALL WELDING IN THE SHOP AND IN THE FIELD SHALL BE PERFORMED BY CERTIFIED WELDERS ONLY.
 - WELDING ELECTRODES SHALL BE E70XX LOW HYDROGEN.
- CONNECTIONS, UNLESS OTHERWISE NOTED:
 - TIGHTEN BOLTS BY THE "SNUG-TIGHT" METHOD.
 - FIELD CONNECTIONS SHALL BE MADE WITH 3/4" DIA. MIN. HIGH-STRENGTH BEARING TYPE BOLTS (A325) WITH THREADS ASSUMED TO BE INCLUDED IN SHEAR PLANES.
- SHOP DRAWINGS (SEE SUBMITTALS) SHALL INCLUDE COMPLETE DETAILING OF STRUCTURAL STEEL MEMBERS AND CONNECTIONS AS REQUIRED TO FABRICATE AND ERECT ALL STRUCTURAL STEEL FRAMING.
- GROUT UNDER BEARING PLATES SHALL BE NON-METALLIC, NON-SHRINK TYPE WITH A COMPRESSIVE STRENGTH OF AT LEAST 6000 PSI WHEN BEARING ON 3000 PSI CONCRETE, AND 8000 PSI WHEN BEARING ON 4000 PSI CONCRETE.
- ALL STEEL EXPOSED TO WEATHER SHALL BE HOT-DIP GALVANIZED OR OTHERWISE PROTECTED.
- ALL STEEL EXPOSED TO SOIL SHALL BE ENCASED IN CONCRETE OR OTHERWISE PROTECTED.

STRUCTURAL INSPECTION

- THE OWNER SHALL EMPLOY A QUALIFIED INDEPENDENT INSPECTION AGENCY OR AGENCY (REFERRED TO AS INSPECTOR HEREIN) SHALL BE RESPONSIBLE FOR VERIFYING THAT PROJECT STRUCTURAL WORK IS ACCOMPLISHED IN CONFORMANCE WITH THE CONTRACT DOCUMENTS.
 - DURATION AND FREQUENCY OF VISITS SHALL BE SUFFICIENT FOR THE INSPECTOR TO STATE AT THE COMPLETION OF THE PROJECT THAT THE STRUCTURAL WORK IS ACCOMPLISHED, AND ITS RELATED ELEMENTS HAVE BEEN ERECTED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. SPECIFIC SYSTEMS TO BE INSPECTED INCLUDE:
 - FOUNDATION REINFORCING & CONCRETE
 - STRUCTURAL STEEL
 - PRE-ENGINEERED METAL PANEL DECKING
 - PRE-ENGINEERED LAM PANEL DECKING
- THE FOREGOING LIST IS NOT INTENDED TO BE EXCLUSIVE. THE INSPECTOR SHALL USE HIS PROFESSIONAL JUDGEMENT AND HIS KNOWLEDGE OF THE JOB SITE CONDITIONS AND THE STRUCTURAL CONTRACT DOCUMENTS TO DETERMINE THE QUALITY CONTROL SYSTEMS TO BE INSPECTED.
 - INSPECTION DOES NOT RELIEVE THE CONTRACTORS CONTRACTUAL OR STATUTORY OBLIGATIONS. THE CONTRACTOR HAS THE SOLE RESPONSIBILITY FOR ANY DEVIATIONS FROM OFFICIAL CONTRACT DOCUMENTS. THE INSPECTOR WILL NOT REPLACE THE QUALITY CONTROL PERSONNEL OF THE CONTRACTOR.
 - ALL INSPECTION REPORTS SHALL BE FORWARDED BY THE INSPECTOR TO THE ENGINEER AND ARCHITECT OF RECORD.

LIST OF STRUCTURAL ABBREVIATIONS

AB	ANCHOR BOLTS	MATL	MATERIAL
ADDL	ADDITIONAL	MAX	MAXIMUM
ALT	ALTERNATE	MB	MASONRY BEAM
ANCH	ANCHOR	MC	MOMENT CONNECTION
APPROX	APPROXIMATE	MCJ	MASONRY COLUMN
ARCH	ARCHITECT / ARCHITECTURAL	MCC	MASONRY CONTROL JOINT
BB	BOND BEAM	MECH	MECHANICAL
BLDG	BUILDING	MEZZ	MEZZANINE
BM	BEAM	MFR	MANUFACTURE / MANUFACTURERS
BO	BOTTOM OF	MIN	MINIMUM
BOT	BOTTOM	MISC	MISCELLANEOUS
BOT / BTM	BOTTOM / BOTTOM	MTL	METAL
BRG	BEARING / BEARING PLATE	NIC	NOT IN CONTRACT
BTW	BETWEEN	NOM	NOMINAL
CANT	CANTILEVER	NTS	NOT TO SCALE
CB	CONCRETE BEAM	OC	ON CENTER
CC	CONCRETE COLUMN	OPNG	OPENING
CIP	CAST IN PLACE	OPP	OPPOSITE
CJ	CONSTRUCTION JOINT	PB	PARAPET BEAM (MASONRY)
CL	CENTERLINE	PCC	PRECAST CONCRETE
CLR	CLEAR / CLEARANCE	PL	PLATE
COL	COLUMN	PLF	POUNDS PER LINEAR FOOT
CONC	CONCRETE	PLY	PLYWOOD
CONNX	CONNECTION	PRE-ENGR	PRE-ENGINEERED
CONSTR	CONSTRUCTION	PRE-ENGRD METAL BUILDING	PRE-ENGINEERED METAL BUILDING
CONT	CONTINUOUS	PRE-FABR	PRE-FABRICATED
CORR	CORRUGATED	PROJ	PROJECTION
CMU	CONCRETE MASONRY UNIT	R	ROOF DRAIN
DET	DETAIL	R2	ROOF DRAIN
DIA / DIAM	DIAMETER	RD	REINFORCED CONCRETE PIPE
DIM	DIMENSION	REF	REFERENCE
DIST	DISTANCE	REFR	REINFORCING
DN	DOWN	REQD	REQUIRED
DR	DRAIN	REV	REVISION
DWG	DRAWING	RFI	REQUEST FOR INFORMATION
DWL	DOWEL	RW	RETAINING WALL
EACH	EACH END	SECT	SECTION
EACH SIDE	EACH SIDE	SCH / SCHED	SCHEDULE
EXPANSION JOINT	EXPANSION JOINT	SM	SIMILAR
EQ	EQUAL	SP/SPC	SPACE(S)
EQUIV	EQUIVALENT	SPECS	SPECIFICATIONS
ES	EACH SIDE	SQ	SQUARE
EXIST	EXISTING	SS	STAINLESS STEEL
EXP	EXPANSION	STD	STANDARD
EXT	EXTERIOR	ST / STL	STEEL
EW	EACH WAY	STRUC	STRUCTURAL
FAB	FABRICATE	SYM	SYMMETRICAL
FBC	FLORIDA BUILDING CODE	T & B	TOP AND BOTTOM
FD	FLOOR DRAIN	T & G	TONGUE AND GROOVE
FDN	FOUNDATION	TE	THICKENED EDGE
FF	FINISHED FLOOR	THK	THICK
FIN	FINISHED	THRD	THREADED
FL / FLR	FLOOR	TB	TIE BEAM
FTG	FOOTING	TOC	TOP OF CONCRETE
GA	GAGE / GAUGE	TOM	TOP OF MASONRY
GALV / GV	GALVANIZED	TOS	TOP OF STEEL
GC	GENERAL CONTRACTOR	TRIB	TRIBUTARY
HAS	HEADED ANCHOR STUD	TYP	TYPICAL
HB	HIGH BEAM (MASONRY)	TS	TUBE STEEL
HORIZ	HORIZONTAL	UNJ	UNLESS NOTED OTHERWISE
HSB	HIGH STRENGTH BOLTS	UNO	UNLESS OTHERWISE NOTED
HSS	HOLLOW STEEL SECTION	VERT	VERTICAL
HT	HEIGHT	VIF	VERIFY IN FIELD
INT	INTERIOR	W	WIDE FLANGED
JST	JOIST	WB	WALL BEAM (ILT)
JT	JOINT	WC	WALL COLUMN (ILT)
K	KIPS	W	WITH
KO	KNOCK OUT	W/O	WITHOUT
KSF	KIPS PER SQUARE FOOT	WD	WOOD
KSI	KIPS PER SQUARE INCH	WGT	WEIGHT
L	ANGLE	WH	WEEP HOLE
LB	LOW BEAM (MASONRY)	WP	WORKING POINT
LBS	POUNDS	WT	STEEL TEE SECTION
LD	DEVELOPMENT LENGTH	WWF	WELDED WIRE FABRIC
LDH	LONG DIMENSION HORIZONTAL	@	AT
LDV	LONG DIMENSION VERTICAL	&	AND
LENG	LENGTH		
LLB	LONG LEG BACK TO BACK		
LLH	LONG LEG HORIZONTAL		
LLV	LONG LEG VERTICAL		



1 3D VIEW - PERSPECTIVE
CS1

Order Plans @

1925 Prospect Ave.
Oxford, MD 21133
Tel: (410) 661-1100
Fax: (410) 661-9101
www.cph-p.com



CLIENT NAME
WAWA
260 W. BALTIMORE PIKE
WAWA, PA 19063

PROJECT NAME
STRAIGHT 6 GAS CAN. 2018.01-1MA
STORE #8647-1PHM
PARRAM RD. & THREE CHOPT RD.
HENRICO, VA

REVISION SCHEDULE

No.	Description	Date
1	PERMIT SET	09/21/2018
2	REV 2018 01	01/29/2019
3	BID SET	01/29/2019

PROJECT NO.
2-180130

DATE
09-21-2018

DRAWN
RC

CHECKED
JL

CS1