GENERAL CIVIL ENGINEERING LEGEND

EXISTING	PROPOSED	DESCRIPTION
		PROPERTY LINE
		RIGHT-OF-WAY LINE
		CENTERLINE
		SECTION,TOWNSHIP,RANGE LINE
		FENCE
		RETAINING WALL
		BUILDING
		EXISTING TREE LINE
		FEMA FLOODPLAIN BOUNDARY
LOD	LOD	LIMITS OF DISTURBANCE
	SF	SILT FENCE
	SSF	SUPER SILT FENCE
		PAVEMENT LINE , SIDEWALK LINE
		CURB, CURB AND GUTTER
±25.50 EX	25.50	SPOT ELEVATIONS
25	25	CONTOURS
SS	SS	SANITARY SEWER
ST	ST	STORM SEWER
W	W	DOMESTIC WATER
F	F	FIRE MAIN
UG	UG	GAS MAIN
FM	FM	SANITARY SEWER FORCE MAIN
E	E	UNDERGROUND ELECTRIC
OH	OH	OVERHEAD ELECTRIC
UT	UT	UNDERGROUND TELEPHONE
OT	OT	OVERHEAD TELEPHONE
UD	UD	UNDERDRAIN
		FIRE HYDRANT
		DOUBLE CHECK VALVE ASSEMBLY
R.P.	R.P.	RED.PRESSURE BACKFLOW PREVENTER
PIV F	PIV F	POST INDICATOR VALVE
WV		VALVE
		SECTIONAL CONTROL VALVE
		SPRINKLER RISER
M		WATER METER
		PHONE/POWER POLE
		INLET/CATCH BASIN
		FLARED END
		MITERED END
		FLUME
		ENDWALLS
	P.P.	UTILITY POLE
		SINGLE LIGHT STANDARD (LIGHT POLE)
		DOUBLE LIGHT STANDARD (LIGHT POLE)
		POLE MOUNTED SECURITY CAMERA
T	T	TRANSFORMER
		VAULTS
D		STORM SEWER MANHOLE
S		SANITARY SEWER MANHOLE
		CLEAN OUT
E		ELECTRICAL MANHOLE
ST-1	ST-1	DRAINAGE STRUCTURE LABEL
S-1	SST-1	SANITARY SEWER STRUCTURE LABEL
B B-12		SOIL BORING
		DETAIL REFERENCE

APPLICABLE CODES

TOWN OF WEBSTER ORDINANCE NUMBER: SEC. 35-26

TEN STATE STANDARDS FOR WASTEWATER FACILITIES 2014 EDITION

2010 AMERICANS WITH DISABILITIES ACT (ADA) STANDARDS FOR ACCESSIBLE DESIGN
"CHAPTER 4: RAMPS AND CURB RAMPS"
"CHAPTER 5: PARKING SPACES"

NATIONAL FIRE PROTECTION AGENCY: NFPA 24 "STANDARD FOR INSTALLATION OF PRIVATE SERVICE MAINS "
"CHAPTER 10 UNDERGROUND PIPING"

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (DEC)

AMERICAN CONCRETE INSTITUTE (ACI) 330R-08 "GUIDE FOR DESIGN AND CONSTRUCTION OF CONCRETE PARKING LOTS"

STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS

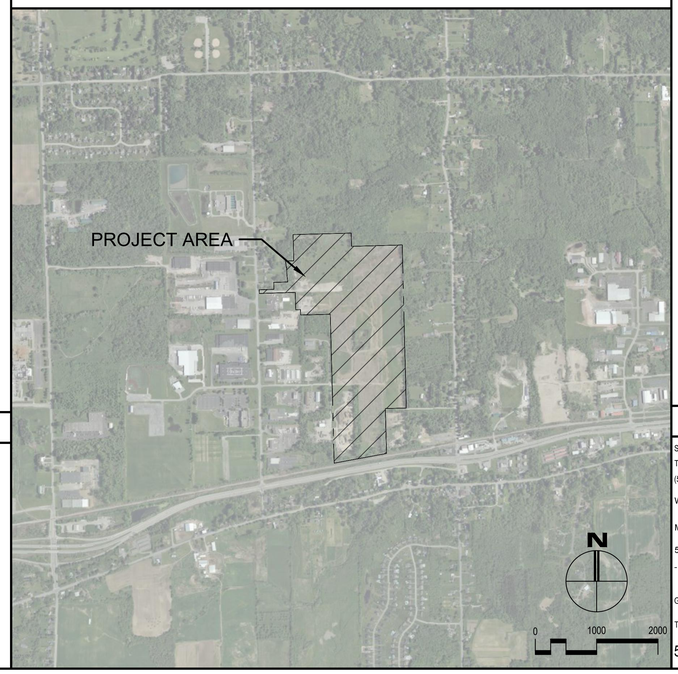
GLOSSARY

REMOVE:	DEMOLISH AND HAUL OFF-SITE TO APPROVED SOLID WASTE FACILITY
INSTALL:	PROVIDE ALL MISCELLANEOUS MATERIALS & SERVICES (LABOR & MATERIAL)
PROVIDE:	FURNISH & INSTALL
REMARKS:	INFORMATION PERTAINING TO ALL ITEMS ON A SCHEDULE
NOTES:	INFORMATION PERTAINING ONLY TO INDICATED ITEMS ON A PLAN
SALVAGE:	REMOVE AND RETURN TO OWNER FOR REUSE

CIVIL ENGINEERING PLANS FOR

PROJECT IZZO

WEBSTER, NEW YORK



SIZE AREA:	110.40 AC.	
DISTURBED:	101.86 AC.	
LATITUDE:	43°13'37"N	
LONGITUDE:	77°22'57"W	
FINISHED FLOOR ELEVATION:	F.F.E. = 414.25	
FLOOD PLAIN ZONE:	ZONE X	
FIRM MAP NUMBER:	36055C0232G	REV. 8/28/2008
ZONING:	ID (INDUSTRIAL)	
PROJECT USE:	INDUSTRIAL	
SOIL CONDITIONS:	MOSTLY SAND, SILT/CLAY WITH SOME GRAVEL	
HYDRAULIC SOIL GROUP:	C/D, A/D, D, C	
DOWNSTREAM WATER BODY:	FOURMILE CREEK-	

DESIGN STORM:
- CONVEYANCE: 10 YR. 24 HR.
- FLOOD MITIGATION: 0 YR.
- OTHER: 0 YR. / 0 HR.; 0.0 IN.

INTENSITY:
- I25 YR. = 0.00 IN. / HR.
- I100YR. = 0.00 IN. / HR.
- TC = 6 MIN.

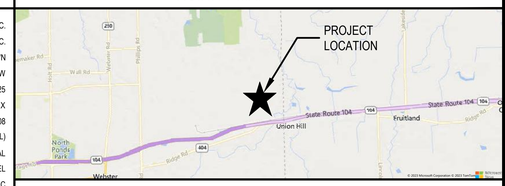
STORM WATER MANAGEMENT CRITERIA:
NEW YORK STORMWATER DESIGN MANUAL

TOWN OF WEBSTER CODE OF ORDINANCE
NY BLUE BOOK EROSION & SEDIMENT CONTROL

JURISDICTIONAL AUTHORITIES

SEWER:	FIRE DISTRICT:
TOWN OF WEBSTER SEWER DEPARTMENT	NORTH EAST JOINT FIRE DISTRICT
(585) 265-0505	(585) 872-9526
WATER:	
MONROE COUNTY WATER AUTHORITY	
585-442-2000	-
-	-
GRADING/DRAINAGE/UTILITIES:	ELECTRIC / GAS:
TOWN OF WEBSTER	RG&E
585-872-7037	800-743-2110

VICINITY MAP (SCALE: 1" = 5000')



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PLANNING BOARD SUBMITTAL - PRELIMINARY / FINAL

SEPTEMBER 15, 2023

CALLOUTS

KEY NOTE (#) · BENCHMARK (•) · REFERENCE NUMBER / SHEET NUMBER ENLARGED PLAN OR DETAIL · SECTION / DRAWING · FLOW ARROW

ABBREVIATIONS

AD	AREA DRAIN	FC	FACE OF CURB	PSF	POUNDS PER SQUARE FOOT
ALT	ALTERNATE	FF	FINISHED FLOOR	PSI	POUNDS PER SQUARE INCH
APPROX	APPROXIMATE	FFE	FINISHED FLOOR ELEVATION	PVC	POLYVINYL CHLORIDE
ARCH	ARCHITECTURAL	FH	FIRE HYDRANT	R	RADIUS, RISER
ATFP	ANTI-TERRORISM FORCE PROTECTION	FL	FLOWLINE	RCP	REINFORCED CONCRETE PIPE
AVG	AVERAGE	FT	FOOT. FEET	RD	ROOF DRAIN
BLDG	BUILDING	FTG	FOOTING	REF	REFERENCE
BW	BOTTOM OF WALL	FUT	FUTURE	REINF	REINFORCED, REINFORCING
BTW	BETWEEN	G	GAS	REQ'D	REQUIRED
CB	CATCH BASIN	GAL	GALLON	REV	REVISION
CF	CUBIC FEET	GPM	GALLONS PER MINUTE	ROW	RIGHT OF WAY
CJ	CONTROL JOINT	HC	HANDICAPPED	S	SOUTH
CL	CENTER LINE	HORIZ	HORIZONTAL	SE	SOUTHEAST
CLR	CLEAR	HP	HIGH POINT, HORSEPOWER	SECT	SECTION
CO	CLEANOUT	HT	HEIGHT	SF	SQUARE FEET
COL	COLUMN	HVAC	HEATING VENTILATING AIR CONDITIONING	SHT	SHEET
CONC	CONCRETE	HW	HOT WATER	SPECS	SPECIFICATIONS
CONN	CONNECTION/ CONNECT	IN	INCH	SS	SANITARY SEWER
CONST	CONSTRUCTION	INV	INVERT	STD	STANDARD
CONT	CONTINUOUS	JT	JOINT	STRUCT	STRUCTURAL
CTR	CENTER	L	LONG, LENGTH	SQ	SQUARE
CY	CUBIC YARD	LBS	POUNDS	SW	SOUTHWEST
DBL	DOUBLE	LP	LOW POINT	T	TRANSFORMER
DEG	DEGREES	LT	LIGHT	T&B	TOP & BOTTOM
DET	DETAILS	MAX	MAXIMUM	TC	TOP OF CURB
DIA	DIAMETER	MFR	MANUFACTURING	TELE	TELEPHONE
DIAG	DIAGONAL	MH	MANHOLE	TEMP	TEMPORARY
DIM	DIMENSION	MIN	MINIMUM	TOC	TOP OF CONCRETE
DS	DOWNSPOUT	MISC	MISCELLANEOUS	TW	TOP OF WALL
DWG(S)	DRAWING(S)	N	NORTH	TYP	TYPICAL
E	EAST	NE	NORTHEAST	UTIL	UTILITY
EA	EACH	NIC	NOT IN CONTRACT	VERT	VERTICAL
EJ	EXPANSION JOINT	NO	NUMBER	W	WIDTH, WEST
ELEC	ELECTRICAL	NPS	NOMINAL PIPE SIZE	W/	WITH
EL	ELEVATION	NTS	NOT TO SCALE	WT	WEIGHT
EQUIP	EQUIPMENT	NW	NORTHWEST	WWM	WELDED WIRE MESH
EQ	EQUAL	OC	ON CENTER		
EW	EACH WAY	OD	OUTSIDE DIAMETER		
EXIST, EX	EXISTING	OFCI	OWNER FURNISHED CONTRACTOR INSTALLED		
		OFOI	OWNER FURNISHED OWNER INSTALLED		
		OH	OVERHEAD		
		OPP	OPPOSITE		
		PL	PROPERTY LINE		
		PLMB	PLUMBING		

GENERAL NOTES

1. PRIOR TO THE START OF CONSTRUCTION THE CONTRACTOR SHALL INSTALL (AND MAINTAIN DURING CONSTRUCTION) ALL SEDIMENT CONTROL MEASURES AS NECESSARY TO RETAIN SEDIMENTS ON THE SITE.
2. CONTRACTOR SHALL MAINTAIN RED-LINE DRAWINGS DURING CONSTRUCTION WHICH SHOW "AS-BUILT" CONDITIONS OF ALL WORK INCLUDING PIPING, DRAINAGE STRUCTURES, TOPO OF POND(S), OUTLET STRUCTURES, DIMENSIONS, ELEVATIONS, GRADING, ETC. RED-LINE DRAWINGS SHALL BE PROVIDED TO THE ENGINEER OF RECORD PRIOR TO REQUESTING FINAL INSPECTION.
3. ALL CONSTRUCTION SHALL BE EXECUTED AS SHOWN ON THESE PLANS. ANY REVISIONS AND/OR DEVIATIONS MUST BE APPROVED THROUGH THE ENGINEER OF RECORD AND MAY RESULT IN ADDITIONAL PERMITTING EFFORTS THROUGH THE RELATED PERMITTING AGENCY.
4. UNLESS OTHERWISE NOTED ON PLANS, OR WITHIN THE PROJECT SPECIFICATIONS, ALL MATERIALS AND CONSTRUCTION ARE TO BE IN ACCORDANCE WITH DESIGN AND CONSTRUCTION STANDARDS OF THE PERMITTING AGENCY HAVING JURISDICTION; THE LOCALLY ADOPTED BUILDING CODE; AND ALL APPLICABLE LOCAL AND STATE CODES AND ORDINANCES.
5. PERMITS MAY BE REQUIRED FOR ANY WORK IN THE PUBLIC RIGHT-OF-WAY. THE CONTRACTOR IS TO ACKNOWLEDGE AND SECURE ALL PERMITS AND INSPECTIONS REQUIRED FOR WORK WITHIN PUBLIC RIGHT-OF-WAY.
6. THIS PARCEL OF LAND MAY BE SUBJECT TO ANY AND ALL RECORDED (AND POSSIBLY UNRECORDED) EASEMENTS, RESTRICTIONS AND COVENANTS.
7. PRIOR TO COMMENCEMENT OF WORK, THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES FOR VERIFICATION OF UTILITIES WITHIN THE LIMITS OF CONSTRUCTION. CALL AREA ONE CALL SYSTEM 48 HOURS PRIOR TO ANY EXCAVATION.
8. THE CONTRACTOR IS TO VERIFY ALL DIMENSIONS PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER IN A TIMELY MANNER.
9. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PROTECT EXISTING PERMANENT SURVEYING MONUMENTS AND BENCHMARKS FROM DISTURBANCE. SURVEY MONUMENTS DISTURBED BY CONSTRUCTION ARE TO BE REPLACED AND ADJUSTED VIA A LAND SURVEYOR REGISTERED IN THE STATE FOR WHICH THE PROJECT IS LOCATED.
10. NO BLASTING OR BURNING IS ALLOWED ON THE PROJECT, UNLESS OTHERWISE NOTED OR DIRECTED BY THE ENGINEER.
11. IT IS NOT EXPECTED THAT HAZARDOUS MATERIALS WILL BE ENCOUNTERED. HOWEVER, IF MATERIALS SUSPECTED OF CONTAINING HAZARDOUS MATERIALS ARE ENCOUNTERED, DO NOT DISTURB; IMMEDIATELY NOTIFY ENGINEER AND OWNER. HAZARDOUS MATERIALS WILL BE REMOVED BY OWNER UNDER A SEPARATE CONTRACT.
12. INSTALL TEMPORARY FENCING AROUND TREE PROTECTION ZONES TO PROTECT TREES AND VEGETATION "DESIGNATED TO REMAIN" FROM CONSTRUCTION DAMAGE. MAINTAIN TEMPORARY FENCING AROUND TREE PROTECTION ZONES, AND REMOVE WHEN CONSTRUCTION IS COMPLETE.
13. PRIOR TO COMMENCEMENT OF ANY CLEARING AND EXCAVATION WITHIN A WORK AREA, ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED AND IN WORKING ORDER.
14. THE CONTRACTOR SHALL REFERENCE THE "STORMWATER POLLUTION PREVENTION PLAN (SWPPP)," THE "EROSION AND SEDIMENT CONTROL PLAN(S)," AND, RELATED "EROSION AND SEDIMENT CONTROL DETAIL(S)" CONTAINED WITHIN THIS PLAN SET FOR DETAILED INFORMATION CONCERNING EROSION AND SEDIMENT CONTROL "BEST MANAGEMENT PRACTICES" TO BE USED ON THIS PROJECT.
15. IN THE EVENT OF ANY UNFORESEEN CONDITIONS THAT ARE ENCOUNTERED AND NOT COVERED BY THESE PLANS DURING SITEWORK OPERATIONS, THE ENGINEER SHALL BE IMMEDIATELY NOTIFIED FOR DIRECTION.
16. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PERFORM ALL NECESSARY CUTS AND FILLS WITHIN THE LIMITS OF THIS PROJECT AND RELATED OFF-SITE WORK SO AS TO ESTABLISH THE DESIRED SUBGRADE, FINISH GRADES AND SLOPES SPECIFIED WITHIN THE PLANS.
17. ADEQUATE SHORING IS TO BE DESIGNED AND PROVIDED BY THE CONTRACTOR TO PREVENT UNDERMINING OF ANY ADJACENT FEATURES OR FACILITIES AND/OR CAVING OF THE EXCAVATION. ALL SHORING AND ASSOCIATED TEMPORARY STRUCTURES SHALL BE DESIGNED BY A LICENSED PROFESSIONAL AND INSTALLED PURSUANT TO O.S.H.A. REQUIREMENTS.
18. TESTING AGENCY: HASKELL OR THE OWNER WILL ENGAGE A QUALIFIED INDEPENDENT GEOTECHNICAL ENGINEERING TESTING AGENCY TO PERFORM FIELD QUALITY CONTROL TESTING.
19. ALL FIELD QUALITY CONTROL TESTS THAT FAIL TO MEET THE SPECIFIED COMPACTION DENSITY SHALL BE REPORTED TO THE ENGINEER.
20. THE CONTRACTOR SHALL MAINTAIN RECORD DRAWINGS DURING CONSTRUCTION WHICH SHOW THE CONSTRUCTED CONDITIONS OF ALL WORK INSTALLED. SEE "AS-BUILT" REQUIREMENTS FOR ADDITIONAL INFORMATION.
21. ALL SANITARY SEWER LINES SHALL BE TELEVISED AND THE VIDEO REPORTS SUBMITTED TO THE ENGINEER FOR REVIEW.
    a. VIDEO REPORTS ARE TO BE SUBMITTED ON CD-ROM OR DVD COMPACT DISKS.
    b. ALL LINES MUST BE FLUSHED AND CLEANED WITH POTABLE WATER PRIOR TO TELEVISING.
    c. VIDEO REPORTS WILL BE USED TO VIEW THE CONDITION OF THE SANITARY SEWER PIPE PRIOR TO ACCEPTANCE. WORKMANSHIP AND CLEANLINESS OF THE INSTALLATION WILL BE CHECKED.
22. ALL STORM SEWER LINES SHALL BE TELEVISED AND THE VIDEO REPORTS SUBMITTED TO THE ENGINEER FOR REVIEW.
    a. VIDEO REPORTS ARE TO BE SUBMITTED ON CD-ROM OR DVD COMPACT DISKS.
    b. ALL LINES MUST BE FLUSHED AND CLEANED WITH POTABLE WATER PRIOR TO TELEVISING.
    c. FOR SUBMERGED SYSTEMS, POND WATER LEVELS SHALL BE LOWERED (PUMPED DOWN) BELOW THE LOWEST PIPE ENTRANCE INVERT.
    d. VIDEO REPORTS WILL BE USED TO VIEW THE CONDITION OF THE STORM SEWER PIPE PRIOR TO ACCEPTANCE. WORKMANSHIP AND CLEANLINESS OF THE INSTALLATION WILL BE CHECKED.
23. AS-BUILT SURVEY: THE CONTRACTOR SHALL VERIFY ALL UTILITY IMPROVEMENTS ALIGNMENT BY PROVIDING AN "AS-BUILT" SURVEY OF CONSTRUCTED CONDITIONS FROM A LICENSED SURVEYOR REGISTERED IN THE STATE OF PROJECT LOCATION. THE "AS-BUILT" SURVEY SHALL INCLUDE VERTICAL AND HORIZONTAL INFORMATION PERTAINING TO THE INSTALLATION OF ALL UTILITY SYSTEM PIPING AND STRUCTURES. DATUM ELEVATION AND BENCHMARK LOCATIONS SHALL BE INDICATED. INFORMATION TO BE INCLUDED IS AS FOLLOWS:
    a. PIPE TYPE, SIZE, AND INVERT ELEVATIONS.
    b. MANHOLE, DROP INLET, CURB INLET, YARD DRAIN, AND POND CONTROL STRUCTURE LOCATIONS WITH ELEVATIONS OF BOTTOM, RIM OR GRATE ELEVATION SHOWN.
    c. POND CONTROL STRUCTURES: SHOW INFORMATION ON ALL FLOW CONTROL APPURTENANCES AND OUTLET PIPING.
24. FAIRLIFE WILL PROVIDE CONTINUOUS ONGOING MAINTENANCE OF THE SEWER ACCESS ROADWAYS AND EMERGENCY VEHICLE ACCESS ROADWAYS, INCLUDING SNOW PLOWING.

MCDOT NOTES

1. HIGHWAY DRAINAGE ALONG THE COUNTY HIGHWAY MUST BE MAINTAINED. THE APPLICANT WILL BE RESPONSIBLE FOR ALL REQUIRED GRADING IN THE COUNTY RIGHT-OF-WAY.
2. AFTER MCDOT APPROVES THIS PROJECT, A 136 HIGHWAY PERMIT AND A 239F PERMIT WILL BE REQUIRED. INSPECTION OF ALL CONSTRUCTION IN THE RIGHT-OF-WAY WILL BE A CONDITION OF THESE PERMITS.
3. ALL MATERIALS INSTALLED IN THE COUNTY RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH THE MCDOT STANDARDS AND DETAILS IN EFFECT WHEN INSTALLED.

CONTACT INFORMATION

ENGINEER-OF-RECORD:
JOSHUA R. HOUGH
LICENSE NUMBER 98322
HASKELL ARCHITECTS AND ENGINEERS, P.A. P.C.
111 RIVERSIDE AVENUE
JACKSONVILLE, FL 32202
(904) 791-4744
JOSHUA.HOUGH@HASKELL.COM

PROJECT CONTACT:
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111 RIVERSIDE AVENUE
JACKSONVILLE, FL 32202
(904) 791-4744
JOSHUA.HOUGH@HASKELL.COM

DEVELOPER:
FAIRLIFE LLC
1001 WEST ADAMS ST. CHICAGO, IL 60607

SITE ADDRESS:
PROJECT IZZO
TEBOR ROAD WEBSTER NEW YORK 14580

OWNER:
PARCEL IDS: 265489 066.03-1-28.111, 265489 066.03-1-28.113,
265489 066.03-1-18.11, 265489 066.03-1-20.1 (PARTIAL)
KEITH BURROWS
656 BASKET ROAD
WEBSTER, NY 14580
PHONE: (585) 265-0610
KEBURROWS@BURROWSBROS.COM

PARCEL ID: 265489 066.03-1-27.214 (PARTIAL)
SHARON ZIMMERMAN
ERK PROPERTIES, LLC
1807 TEBOR RD
WEBSTER, NY 14580
585-752-1753
KIMBALLTRUCKING@YAHOO.COM

SIGNATURE BLOCK

TOWN ENGINEER (PRINTED NAME)	SIGNATURE	DATE
HIGHWAY SUPERINTENDENT (PRINTED NAME)	SIGNATURE	DATE
TOWN ASSESSOR (PRINTED NAME)	SIGNATURE	DATE
FIRE MARSHALL (PRINTED NAME)	SIGNATURE	DATE
PLANNING BOARD CHAIRMAN (PRINTED NAME)	SIGNATURE	DATE
WEBSTER SEWER DISTRICT (PRINTED NAME)	SIGNATURE	DATE
MONROE COUNTY WATER AUTHORITY (PRINTED NAME)	SIGNATURE	DATE
MONROE COUNTY DEPARTMENT OF HEALTH (PRINTED NAME)	SIGNATURE	DATE
MONROE COUNTY HIGHWAY SUPERINTENDENT (PRINTED NAME)	SIGNATURE	DATE

MONROE COUNTY
DEPT. OF TRANSPORTATION
APPROVED _____
DATE _____
APPLICATIONS FOR PERMITS WILL NOW BE ACCEPTED THIS PROJECT APPROVAL IS VALID FOR TWO (2) YEARS

ONE CALL SYSTEM



JOSHUA R. HOUGH, P.E.
LICENSE NO. 98322
STATE OF FLORIDA
REGISTERED PROFESSIONAL ENGINEER
REG. NO. 98322

HASKELL ARCHITECTS AND ENGINEERS, P.A. P.C.
NEW YORK - Engineering # 080447
111 Riverside Avenue
Jacksonville, Florida 32202
Phone # (904) 791-4500
HASKELL

FAIRLIFE, LLC (SUBSIDIARY OF THE COCA-COLA COMPANY)

PROJECT IZZO
WEBSTER, NEW YORK

fairlife

No	DESCRIPTION	DATE
K	RCPI-PB	09/15/23
J	RCPI-PB	09/06/23
I	RCPI-PB	08/16/23
G	CPI-PB	07/11/23
D	TOW - ZB VAR	05/23/23

PRELIMINARY NOT FOR CONSTRUCTION

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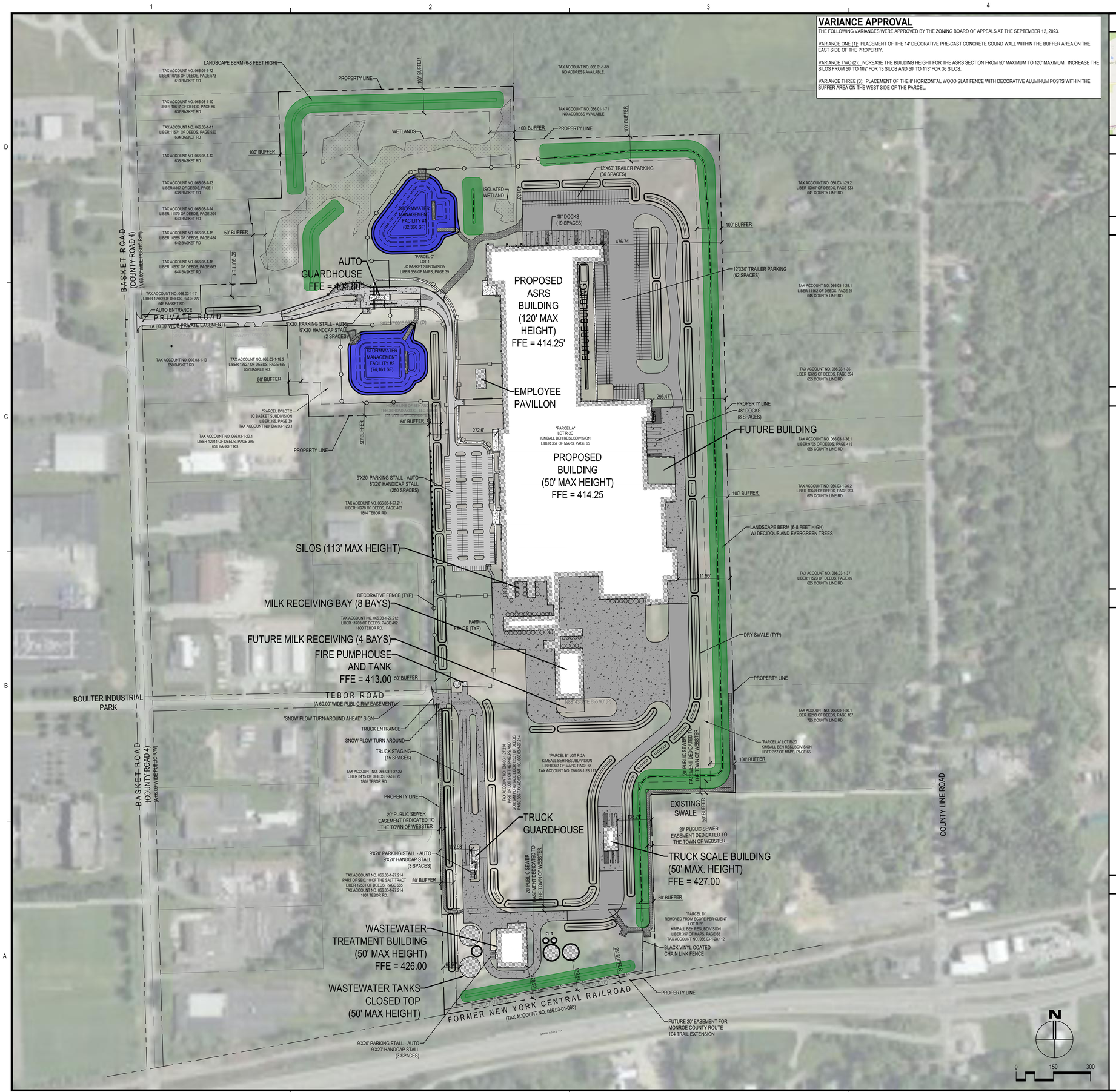
DRAWN BY: RAE
CHECKED BY: JRH

AE JOB NUMBER
3450044

COVER SHEET

C-001
SHEET NUMBER

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VARIANCE APPROVAL

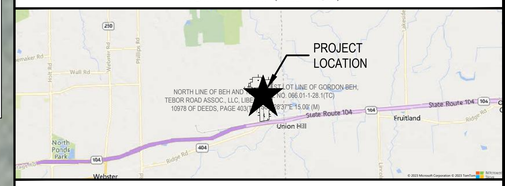
THE FOLLOWING VARIANCES WERE APPROVED BY THE ZONING BOARD OF APPEALS AT THE SEPTEMBER 12, 2023.

VARIANCE ONE (1): PLACEMENT OF THE 14' DECORATIVE PRE-CAST CONCRETE SOUND WALL WITHIN THE BUFFER AREA ON THE EAST SIDE OF THE PROPERTY.

VARIANCE TWO (2): INCREASE THE BUILDING HEIGHT FOR THE ASRS SECTION FROM 50' MAXIMUM TO 120' MAXIMUM. INCREASE THE SILOS FROM 50' TO 102' FOR 13 SILOS AND 50' TO 113' FOR 36 SILOS.

VARIANCE THREE (3): PLACEMENT OF THE 8' HORIZONTAL WOOD SLAT FENCE WITH DECORATIVE ALUMINUM POSTS WITHIN THE BUFFER AREA ON THE WEST SIDE OF THE PARCEL.

VICINITY MAP (SCALE: 1" = 5,000')



SITE COVERAGE CALCULATIONS

AREA:	4,8090,167.98 SF 110.40 AC.
BUILDING COVERAGE : (30% MAX.)	
EXISTING =	0.00 SF 00.00 AC. (00% COVERAGE)
PROPOSED =	±785,000 SF 18.02 AC. (16.32% COVERAGE)
TOTAL =	±785,000 SF 18.02 AC. (16.32% COVERAGE)

PARKING CALCULATIONS

PARKING REQUIREMENTS:
TOWN OF WEBSTER ARTICLE VIII SUPPLEMENTARY REGULATIONS FOR ALL DISTRICTS, 350-74 OFF-STREET PARKING, (E) (4) MANUFACTURING, STORAGE, OR OTHER INDUSTRIAL FLOOR AREA. PARKING SHALL BE PROVIDED IN SUCH AMOUNT THAT NO EMPLOYEE OR VISITOR NEED PARK ON A PUBLIC STREET.

1ST SHIFT		125 EMPLOYEES
2ND SHIFT		75 EMPLOYEES
3RD SHIFT		50 EMPLOYEES
TWO LARGEST SHIFTS	=	(125 EMPLOYEES + 75 EMPLOYEES) = 200 SPACES
VISITORS		50 SPACES
REQUIRED AUTO PARKING =		250 SPACES
REQUIRED ADA PARKING =		7 SPACES

PARKING:

PROVIDED AUTO PARKING =	248 SPACES
PROVIDED ADA PARKING =	10 SPACES
TOTAL =	258 SPACES
TRAILER PARKING =	128 SPACES

SITE INFORMATION

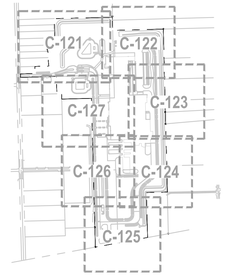
SITE ADDRESS:	TEBOR ROAD WEBSTER, NEW YORK
ZONING:	INDUSTRIAL (IN)
FLOOD ZONE:	PANEL 36055C0232G DATED 8/28/2008 ZONE X, ZONE AE
LAND OWNER:	MULTIPLE
PARCEL ID:	066.03-1-18.11, 066.03-1-27.214, 066.03-1-28.111, 066.03-1-28.113

MINIMUM BUILDING SETBACKS:		**PROPOSED BUILDING SETBACKS:**
FRONT YARD =	80 FT.	FRONT YARD = VARIES; 250 FT. AND GREATER
SIDE YARD =	40 FT.	SIDE YARD = VARIES; 400 FT. AND GREATER
BACK YARD =	80 FT.	BACK YARD = VARIES; 200 FT. AND GREATER
MINIMUM BUFFER:		**PROPOSED BUFFER**
FRONT YARD =	50 FT.	FRONT YARD = 50 FT.
SIDE YARD =	20 FT.	SIDE YARD = 25 FT.
BACK YARD =	25 FT.	BACK YARD = 100 FT.
DISTRICT BUFFER AREA:		
ADJACENT TO RESIDENTIAL =	100 FT.	

SITE LEGEND

- EXISTING PAVEMENT
- LIGHT-DUTY ASPHALT PAVEMENT
- MEDIUM-DUTY ASPHALT PAVEMENT
- HEAVY-DUTY ASPHALT PAVEMENT
- GRAVEL
- PROPOSED BUILDING
- FARM FENCE
- DECORATIVE FENCE
- PRE-CAST CONCRETE FENCE
- WETLANDS
- LIGHT-DUTY CONCRETE PAVEMENT
- MEDIUM-DUTY CONCRETE PAVEMENT
- HEAVY-DUTY CONCRETE PAVEMENT
- PROPOSED POND
- BERMS
- EXISTING BUILDING
- HORIZONTAL WOOD SLAT FENCE
- CHAINLINK FENCE (BLACK VINYL COATED)

KEYMAP



JOSHUA R. HOUSH, P.E.
SIGNATURE OF NEW YORK
R. HOUSH
098618
LICENSED PROFESSIONAL ENGINEER
REG. NO. 098618

HASKELL ARCHITECTS AND ENGINEERS, P.A. P.C.
NEW YORK - Engineering # 080447
111 Riverside Avenue
Jacksonville, Florida 32202
Phone # (904) 791-4500
HASKELL

FAIRLIFE, LLC (SUBSIDIARY OF THE COCA-COLA COMPANY)

PROJECT IZZO

WEBSTER, NEW YORK

fairlife

No	DESCRIPTION	DATE
K	RCPI-PB	09/15/23
L	CPI-FILL	09/15/23
J	RCPI-PB	09/06/23
I	RCPI-PB	08/16/23
G	CPI-PB	07/11/23
F	CPP	06/09/23
D	TOW - ZB VAR	05/23/23
C	TOW - PB SPS	05/15/23
B	TOW - TB SPS	05/08/23

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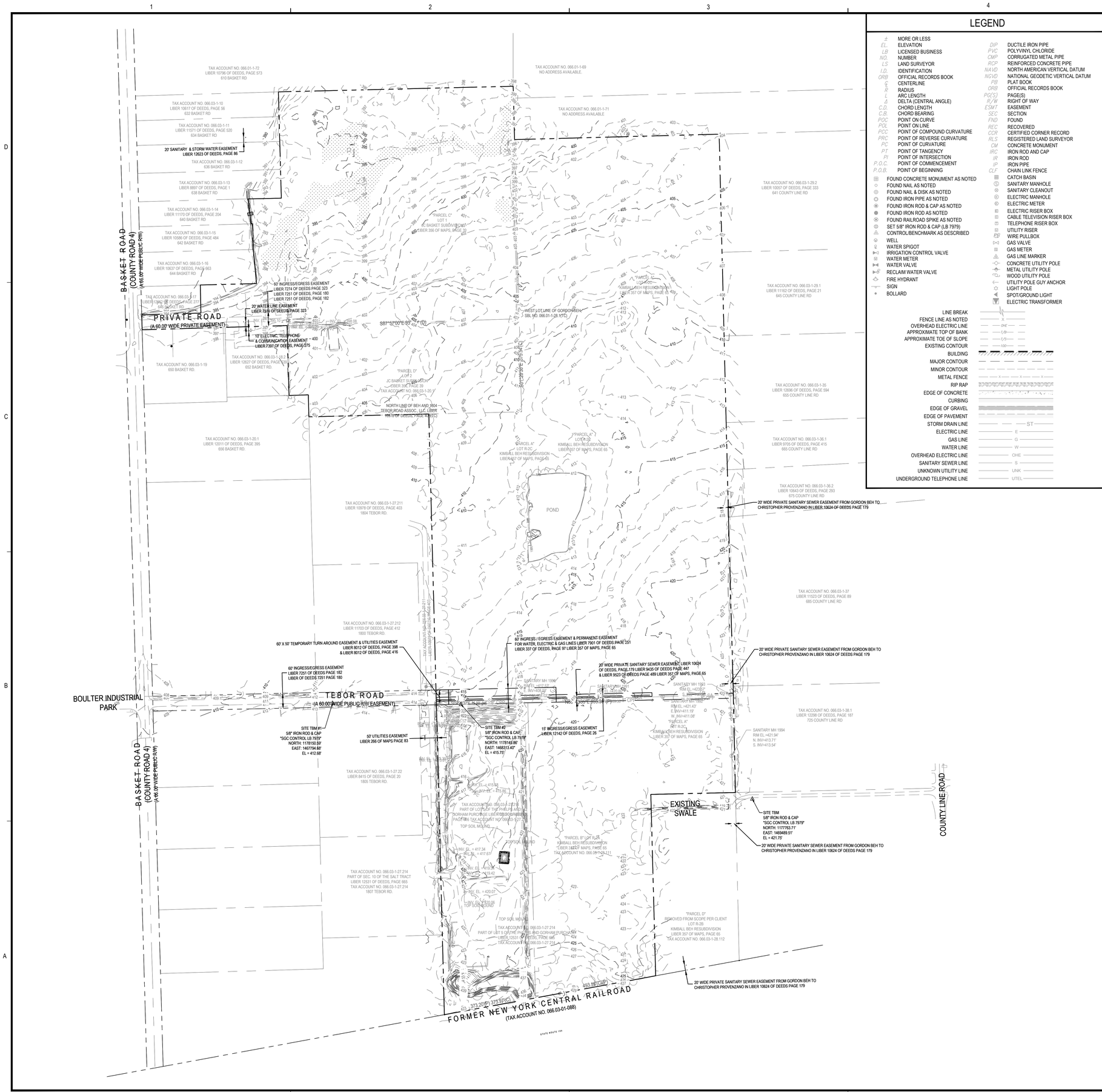
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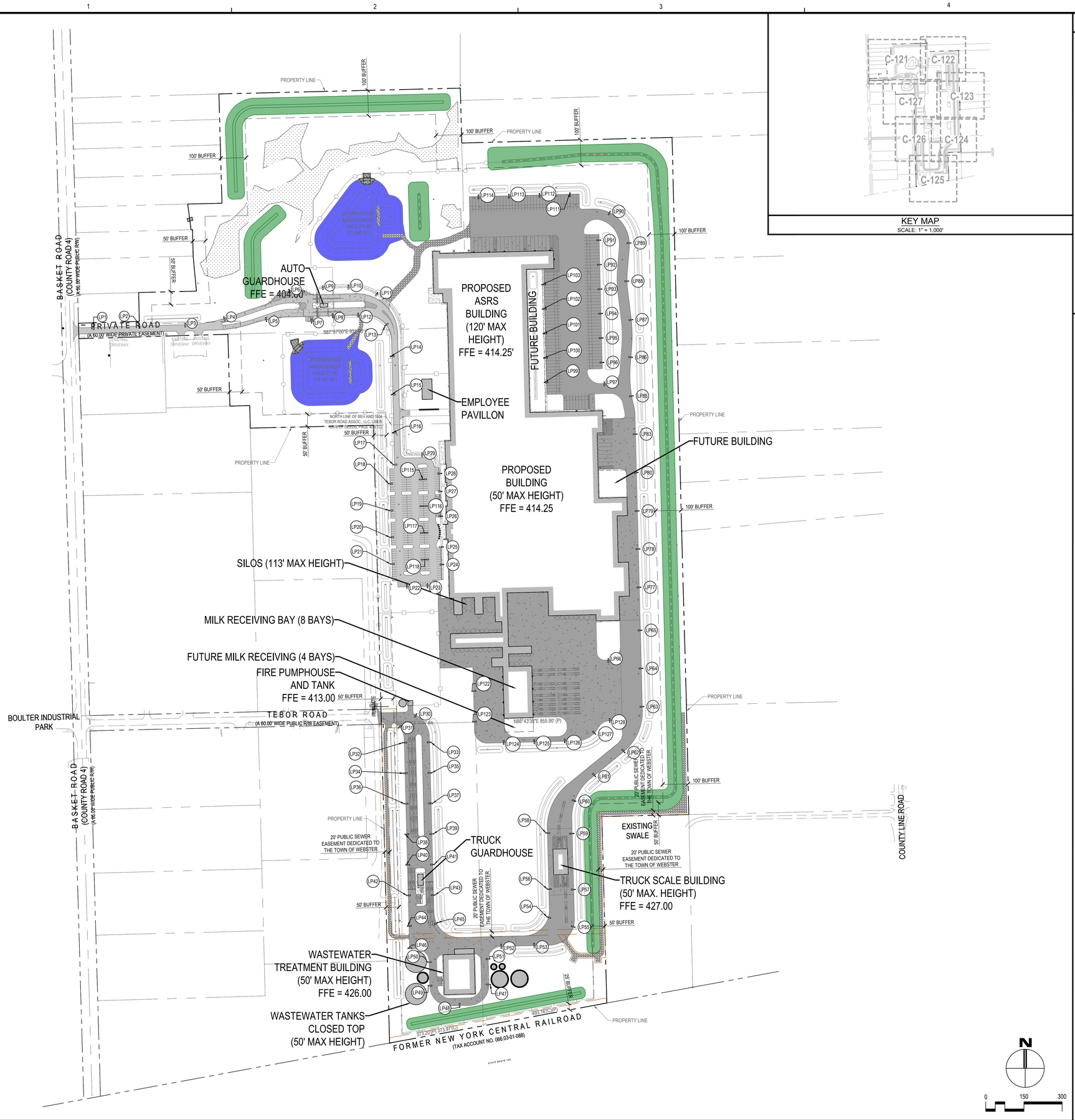
AE JOB NUMBER
3450044

OVERALL SITE PLAN

C-003
SHEET NUMBER

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BASKET ROAD (COUNTY ROAD 4) (A66.00' WIDE PUBLIC R/W)
PRIVATE ROAD (A 60.00' WIDE PRIVATE EASEMENT)
TEBOR ROAD (A 60.00' WIDE PUBLIC R/W EASEMENT)
BOULTER INDUSTRIAL PARK
FORMER NEW YORK CENTRAL RAILROAD (TAX ACCOUNT NO. 066.03-01-088)
COUNTY LINE ROAD
EXISTING SWALE
POND
S87°57'00"E 993.48' (M)
373.20' (M) 373.20' (REC)
493.56' (CHD)
TAX ACCOUNT NO. 066.01-1-72 LIBER 10796 OF DEEDS, PAGE 573 610 BASKET RD
TAX ACCOUNT NO. 066.01-1-69 NO ADDRESS AVAILABLE.
TAX ACCOUNT NO. 066.03-1-10 LIBER 10617 OF DEEDS, PAGE 56 632 BASKET RD
TAX ACCOUNT NO. 066.03-1-11 LIBER 11571 OF DEEDS, PAGE 520 634 BASKET RD
TAX ACCOUNT NO. 066.03-1-12 636 BASKET RD
TAX ACCOUNT NO. 066.01-1-71 NO ADDRESS AVAILABLE
TAX ACCOUNT NO. 066.03-1-13 LIBER 8897 OF DEEDS, PAGE 1 638 BASKET RD
TAX ACCOUNT NO. 066.03-1-14 LIBER 11170 OF DEEDS, PAGE 204 640 BASKET RD
TAX ACCOUNT NO. 066.03-1-15 LIBER 10586 OF DEEDS, PAGE 464 642 BASKET RD
TAX ACCOUNT NO. 066.03-1-16 LIBER 10637 OF DEEDS, PAGE 663 644 BASKET RD
TAX ACCOUNT NO. 066.03-1-17 LIBER 10637 OF DEEDS, PAGE 277 646 BASKET RD
TAX ACCOUNT NO. 066.03-1-19 650 BASKET RD.
TAX ACCOUNT NO. 066.03-1-18.2 LIBER 12637 OF DEEDS, PAGE 139 652 BASKET RD.
TAX ACCOUNT NO. 066.03-1-20.1 LIBER 12011 OF DEEDS, PAGE 395 656 BASKET RD.
TAX ACCOUNT NO. 066.03-1-27.211 LIBER 10978 OF DEEDS, PAGE 403 1804 TEBOR RD.
TAX ACCOUNT NO. 066.03-1-29.2 LIBER 10057 OF DEEDS, PAGE 333 641 COUNTY LINE RD
TAX ACCOUNT NO. 066.03-1-29.1 LIBER 11162 OF DEEDS, PAGE 21 645 COUNTY LINE RD
TAX ACCOUNT NO. 066.03-1-35 LIBER 12696 OF DEEDS, PAGE 594 655 COUNTY LINE RD
TAX ACCOUNT NO. 066.03-1-36.1 LIBER 9705 OF DEEDS, PAGE 415 665 COUNTY LINE RD
TAX ACCOUNT NO. 066.03-1-36.2 LIBER 10643 OF DEEDS, PAGE 293 675 COUNTY LINE RD
TAX ACCOUNT NO. 066.03-1-37 LIBER 11523 OF DEEDS, PAGE 89 685 COUNTY LINE RD
TAX ACCOUNT NO. 066.03-1-38.1 LIBER 12298 OF DEEDS, PAGE 187 725 COUNTY LINE RD
TAX ACCOUNT NO. 066.03-1-27.212 LIBER 11703 OF DEEDS, PAGE 412 1800 TEBOR RD.
TAX ACCOUNT NO. 066.03-1-27.22 LIBER 8415 OF DEEDS, PAGE 20 1805 TEBOR RD.
TAX ACCOUNT NO. 066.03-1-27.214 PART OF SEC. 10 OF THE SALT TRACT LIBER 12531 OF DEEDS, PAGE 665 TAX ACCOUNT NO. 066.03-1-27.214 1807 TEBOR RD.
"PARCEL C" LOT 1 JC BASKET SUBDIVISION LIBER 356 OF MAPS, PAGE 39
"PARCEL C" LOT 1 KIMBALL BEH RESUBDIVISION LIBER 357 OF MAPS, PAGE 65
"PARCEL D" LOT 2 JC BASKET SUBDIVISION LIBER 356 OF MAPS, PAGE 39
"PARCEL A" LOT R-2C KIMBALL BEH RESUBDIVISION LIBER 357 OF MAPS, PAGE 65
"PARCEL A" LOT R-2C KIMBALL BEH RESUBDIVISION LIBER 357 OF MAPS, PAGE 65
"PARCEL B" LOT R-2B KIMBALL BEH RESUBDIVISION LIBER 357 OF MAPS, PAGE 65
"PARCEL D" REMOVED FROM SCOPE PER CLIENT LOT R-2B KIMBALL BEH RESUBDIVISION LIBER 357 OF MAPS, PAGE 65
WEST LOT LINE OF GORDON BEH TAX ACCOUNT NO. 066.03-1-28.1(TC)
NORTH LINE OF BEH AND 1804 TEBOR ROAD ASSOC., LLC. LIBER 10978 OF DEEDS, PAGE 403
20' WIDE PRIVATE SANITARY SEWER EASEMENT FROM GORDON BEH TO CHRISTOPHER PROVENZANO IN LIBER 10624 OF DEEDS PAGE 179
20' SANITARY & STORM WATER EASEMENT LIBER 12623 OF DEEDS, PAGE 86
60' INGRESS/EGRESS EASEMENT LIBER 7274 OF DEEDS PAGE 323 LIBER 7251 OF DEEDS, PAGE 180 LIBER 7251 OF DEEDS, PAGE 182
20' WATER LINE EASEMENT LIBER 7274 OF DEEDS PAGE 323
10' ELECTRIC, TELEPHONE & COMMUNICATION EASEMENT LIBER 7397 OF DEEDS, PAGE 275
60' INGRESS / EGRESS EASEMENT & PERMANENT EASEMENT FOR WATER, ELECTRIC & GAS LINES LIBER 7901 OF DEEDS PAGE 251 LIBER 337 OF DEEDS, PAGE 97 LIBER 357 OF MAPS, PAGE 65
60' X 50' TEMPORARY TURN AROUND EASEMENT & UTILITIES EASEMENT LIBER 8012 OF DEEDS, PAGE 398 & LIBER 8012 OF DEEDS, PAGE 416
60' INGRESS/EGRESS EASEMENT LIBER 7251 OF DEEDS PAGE 182 LIBER OF DEEDS 7251 PAGE 180
20' WIDE PRIVATE SANITARY SEWER EASEMENT LIBER 10624 OF DEEDS, PAGE 179 LIBER 9435 OF DEEDS PAGE 447 & LIBER 9523 OF DEEDS PAGE 489 LIBER 357 OF MAPS, PAGE 65
15' INGRESS/EGRESS EASEMENT LIBER 12142 OF DEEDS, PAGE 26
50' UTILITIES EASEMENT LIBER 266 OF MAPS PAGE 83
SITE TBM #1 5/8" IRON ROD & CAP "SGC CONTROL LB 7979" NORTH: 1178150.59' EAST: 1467794.68' EL = 412.68'
SITE TBM #2 5/8" IRON ROD & CAP "SGC CONTROL LB 7979" NORTH: 1178145.86' EAST: 1468313.40' EL = 415.75'
SITE TBM 5/8" IRON ROD & CAP "SGC CONTROL LB 7979" NORTH: 1177763.71' EAST: 1469489.5' EL = 421.70'
20' WIDE PRIVATE SANITARY SEWER EASEMENT FROM GORDON BEH TO CHRISTOPHER PROVENZANO IN LIBER 10624 OF DEEDS PAGE 179
SANITARY MH 1996 RIM EL.=417.43' E. INV=400.69' W. INV=400.57'
SANITARY MH 1993 RIM EL.=422.01' E. INV=411.15' W. INV=411.08' "PARCEL A" SRT R-2C
SANITARY MH 1994 RIM EL.=421.94' N. INV=413.71' S. INV=413.54'
TOP SOIL MOUND
TOP SOIL MOUND
TOP SOIL MOUND
TOP SOIL MOUND
INV. EL. = 415.58
INV. EL. = 415.90
INV. EL. = 417.34
INV. EL. = 417.67
INV. EL. = 419.42
INV. EL. = 420.07
INV. EL. = 420.26
INV. EL. = 420.26
INV. EL. = 420.26



KEY MAP
SCALE: 1" = 1,000'

SITE LEGEND

- EXISTING PAVEMENT
- LIGHT-DUTY ASPHALT PAVEMENT
- MEDIUM-DUTY ASPHALT PAVEMENT
- HEAVY-DUTY ASPHALT PAVEMENT
- GRAVEL
- PROPOSED BUILDING
- FARM FENCE
- DECORATIVE FENCE
- PRE-CAST CONCRETE FENCE
- WETLANDS
- LIGHT-DUTY CONCRETE PAVEMENT
- MEDIUM-DUTY CONCRETE PAVEMENT
- HEAVY-DUTY CONCRETE PAVEMENT
- PROPOSED POND
- BERMS
- EXISTING BUILDING
- PROPOSED LIGHTPOLE
- PROPOSED BUILDING LIGHT
- PROPOSED BOLLARD LIGHTING

CONTROL POINT (LIGHT POLE)

LIGHT POLE #	NORTHING	EASTING
LP1	1179708.23	1467083.81
LP2	1179713.49	1467263.74
LP3	1179718.75	1467443.66
LP4	1179743.72	1467595.25
LP5	1179727.14	1467763.32
LP6	1179851.47	1467851.29
LP7	1179720.76	1467939.96
LP8	1179742.24	1468022.93
LP9	1179864.90	1467984.40
LP10	1179867.39	1468084.32
LP11	1179838.57	1468199.01
LP12	1179744.71	1468122.90
LP13	1179709.30	1468228.56
LP14	1179588.75	1468250.11
LP15	1179438.79	1468253.82
LP16	1179288.84	1468257.53
LP17	1179163.88	1468260.62
LP18	1179089.28	1468242.46
LP19	1178983.81	1468245.07
LP20	1178878.84	1468247.66
LP21	1178773.88	1468250.26
LP22	1178679.51	1468314.31
LP23	1178681.50	1468394.79
LP24	1178772.06	1468458.37
LP25	1178841.04	1468456.66
LP26	1178961.50	1468453.68
LP27	1179058.97	1468451.27
LP28	1179129.45	1468449.53
LP29	1179209.14	1468373.77
LP30	1178185.31	1468352.13
LP31	1178130.75	1468281.53
LP32	1178072.37	1468298.37
LP33	1178074.10	1468408.36
LP34	1177952.41	1468301.49
LP35	1177954.14	1468411.48
LP36	1177832.46	1468304.61
LP37	1177834.18	1468414.61
LP38	1177712.50	1468307.74
LP39	1177714.23	1468417.73
LP40	1177592.54	1468310.86
LP41	1177594.27	1468420.85
LP42	1177472.58	1468313.98
LP43	1177474.31	1468423.98
LP44	1177352.62	1468317.11
LP45	1177366.45	1468435.22
LP46	1177265.05	1468319.11
LP47	1177122.94	1468641.80
LP48	1177034.54	1468521.33
LP49	1177118.58	1468398.17
LP50	1177210.96	1468395.74
LP51	1177223.51	1468639.28
LP52	1177266.50	1468684.61

CONTROL POINT (LIGHT POLE)

LIGHT POLE #	NORTHING	EASTING
LP53	1177270.40	1468814.06
LP54	1177388.28	1468864.70
LP55	1177347.91	1468973.27
LP56	1177497.24	1468866.23
LP57	1177496.05	1468974.30
LP58	1177717.67	1468860.49
LP59	1177715.87	1468968.58
LP60	1177842.53	1468976.40
LP61	1177939.86	1469054.21
LP62	1178033.82	1469169.54
LP63	1178214.00	1469243.59
LP64	1178364.19	1469239.87
LP65	1178513.67	1469236.17
LP66	1178402.01	1469104.87
LP77	1178682.46	1469232.00
LP78	1178832.95	1469228.28
LP79	1178982.26	1469224.58
LP80	1179132.96	1469220.86
LP83	1179283.89	1469217.12
LP85	1179434.24	1469202.08
LP86	1179585.29	1469199.23
LP87	1179733.23	1469200.61
LP88	1179884.50	1469184.20
LP89	1180034.20	1469192.95
LP90	1180158.13	1469111.99
LP91	1180045.23	1469074.27
LP92	1179949.26	1469076.64
LP93	1179853.28	1469079.02
LP94	1179757.31	1469081.39
LP95	1179661.34	1469083.77
LP96	1179565.37	1469086.14
LP97	1179487.94	1469089.34
LP99	1179486.77	1468854.01
LP100	1179582.74	1468851.64
LP101	1179678.71	1468849.27
LP102	1179774.68	1468846.89
LP103	1179870.65	1468844.52
LP111	1180230.72	1468954.45
LP112	1180227.75	1468834.49
LP113	1180224.78	1468714.53
LP114	1180221.81	1468594.48
LP115	1179106.19	1468377.08
LP116	1179001.23	1468379.68
LP117	1178896.26	1468382.27
LP118	1178791.29	1468384.87
LP122	1178274.74	1468570.37
LP123	1178154.79	1468573.44
LP124	1178066.77	1468694.22
LP125	1178069.74	1468814.18
LP126	1178072.71	1468934.14
LP127	1178106.47	1469054.18
LP128	1178153.20	1469110.83

HASKELL ARCHITECTS AND ENGINEERS, P.A. P.C.
NEW YORK - Engineering # 080447
111 Riverside Avenue
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HASKELL

JOSHUA R. HAUSH, P.E.
STATE OF NEW YORK
R. HAUSH
083616
LICENSED PROFESSIONAL ENGINEER
REG. NO. 083616

FAIRLIFE, LLC (SUBSIDIARY OF THE COCA-COLA COMPANY)

PROJECT IZZO

WEBSTER, NEW YORK

fairlife

No	DESCRIPTION	DATE
K	RCPI-PB	09/15/23
J	RCPI-PB	09/06/23
I	RCPI-PB	08/16/23
G	CPI-PB	07/11/23

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RAE	JRH

AE JOB NUMBER
3450044

OVERALL GEOMETRY PLAN

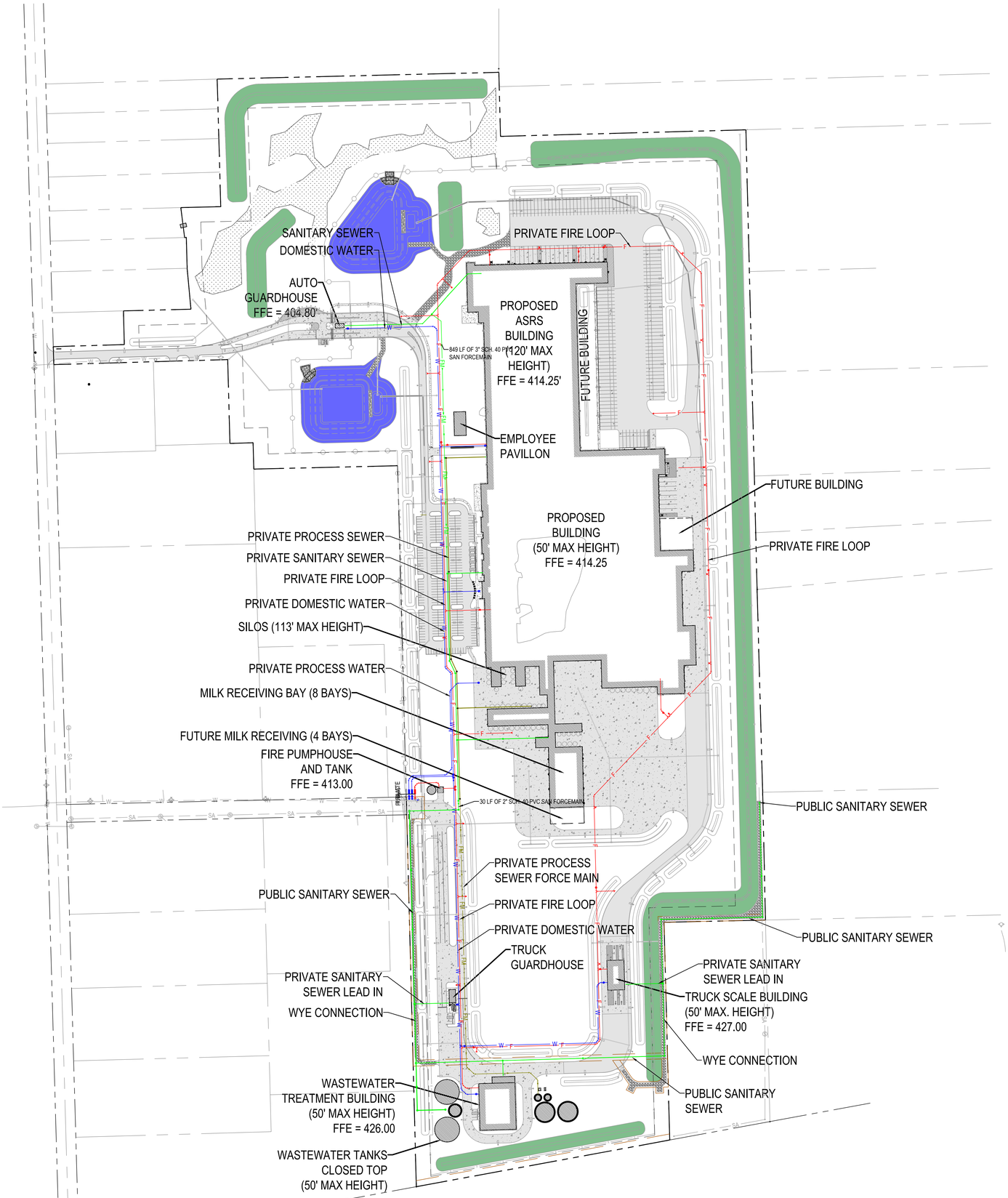
C-120
SHEET NUMBER

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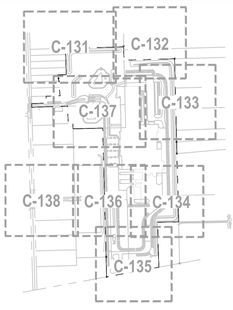


UTILITY LEGEND

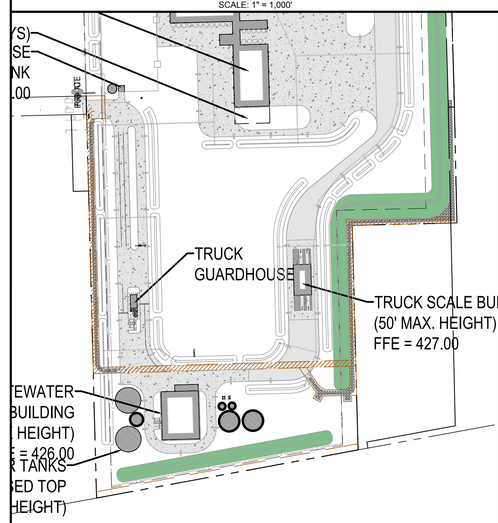
W W	WATER MAIN
	FIRE LANE STRIPING
F F	FIRE WATER LINE
UG	GAS LINE (UNDERGROUND)
GAS GAS	GAS LINE
	SANITARY SEWER
	PROCESS SEWER
	OILY WASTE SEWER
FM	FORCE MAIN
UGE	ELECTRICAL LINE (UNDERGROUND)
OHE	ELECTRICAL LINE (OVERHEAD)
FO	FIBER OPTIC LINE
	ELECTRICAL LIGHT STANDARD

UTILITY NOTES

1. EXISTING UTILITIES SHOWN HEREIN ARE BASED ON AVAILABLE RECORDS AND FIELD INVESTIGATIONS. THE CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATIONS OF UTILITIES PRIOR TO EXCAVATION WITHIN WORK AREAS. THE ENGINEER SHALL BE NOTIFIED UPON DISCOVERY OF ANY DISCREPANCIES THAT WILL AFFECT INSTALLATION OF WORK OR DISCOVERY OF UNCHARTED UTILITIES WHICH MAY REQUIRE RELOCATION. NOTIFICATION SHALL BE DONE IN A TIMELY MANNER.
2. WHERE APPLICABLE, THE CONTRACTOR SHALL MAINTAIN ALL FENCING, SIGNS, DETOURS, FLAGMEN, SIGNALS, ETC., FOR ANY OPEN TRENCHES, HOLES OR PITS. ALL TRENCHES, HOLES OR PITS SHALL BE CLOSED OR PROTECTED BY BARRICADES AT THE END OF THE DAY.
3. ALL VALVE BOXES, METER BOXES, VAULTS, CLEANOUTS, MANHOLE COVERS, FIRE HYDRANTS AND OTHER APPURTENANCES THAT ARE TO REMAIN IN SERVICE WITHIN THE PROJECT AREA SHALL BE ADJUSTED TO CONFORM TO FINISHED GRADE.
4. ALL PVC SANITARY SEWER PIPE SHALL BE SDR-35 FOR DEPTHS TO TWELVE FEET (12') AND SDR-26 FOR DEPTHS OVER TWELVE FEET (12') UNLESS SPECIFIED OTHERWISE ON THESE PLANS.
5. REFERENCE UTILITY DETAILS FOR ALL APPURTENANCES, PIPE EMBEDMENT AND BEDDING SPECIFICATIONS. IN AREAS WHERE THE LOCAL AUTHORITY HAVING JURISDICTION HAS SPECIFIC DETAILS AND GENERAL STANDARDS, THOSE STANDARDS SHALL GOVERN.
6. WATER MAINS SHALL HAVE A MINIMUM DEPTH OF 60" AND FIRE MAINS SHALL HAVE A MINIMUM DEPTH OF 72".
7. WATER MAINS AND FIRE MAINS SHALL USE A COMBINATION OF MECHANICAL RESTRAINTS AND THRUST BLOCKS.
8. ALL EXISTING PRIVATE AND PUBLIC FORCEMAINS AND SANITARY SEWERS SHALL REMAIN IN SERVICE AND OPERATIONAL AT ALL TIMES UNTIL THE NEW SANITARY SEWER IMPROVEMENTS HAVE BEEN INSTALLED, TESTED, TELEVISED, AND ACCEPTED BY THE TOWN OF WEBSTER.
9. FAIRLIFE WILL PROVIDE CONTINUOUS ON GOING MAINTENANCE OF THE SEWER ACCESS ROADWAYS AND EMERGENCY VEHICLE ACCESS ROADWAYS, INCLUDING SNOW PLOWING.



KEY MAP
SCALE: 1" = 1,000'



LEGEND
20' PUBLIC SANITARY SEWER EASEMENT DEDICATED TO THE TOWN OF WEBSTER.

PUBLIC SEWER EASEMENT MAP
SCALE: 1" = 200'

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Phone # (904) 791-4500
HASKELL

FAIRLIFE, LLC (SUBSIDIARY OF THE COCA-COLA COMPANY)

PROJECT IZZO

WEBSTER, NEW YORK

fairlife

No	DESCRIPTION	DATE
K	RCPI-PB	09/15/23
J	RCPI-PB	09/06/23
I	RCPI-PB	08/16/23
G	CPI-PB	07/11/23

PRELIMINARY NOT FOR CONSTRUCTION

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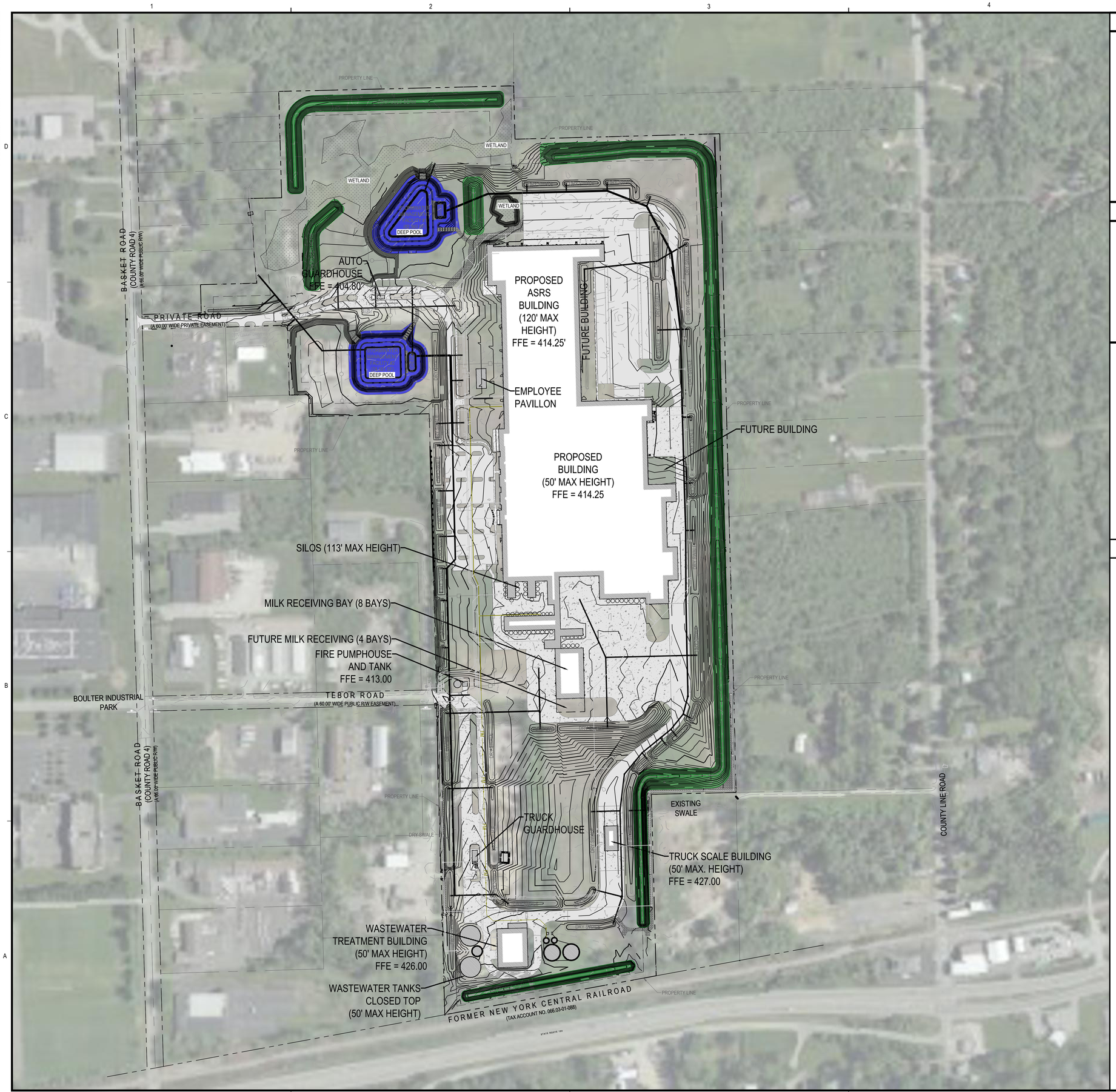
DRAWN BY:	CHECKED BY:
MSL	JRH

AE JOB NUMBER
3450044

OVERALL UTILITY PLAN

C-130
SHEET NUMBER

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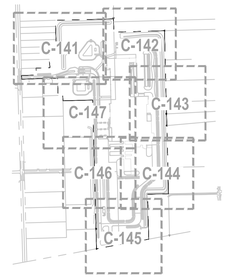
GRADING & DRAINAGE LEGEND

× ±0.00 EX	EXISTING SPOT ELEVATION
0.00	PROPOSED SPOT ELEVATION
0.00 TC 0.00 EP	PROPOSED SPOT ELEVATION TOP OF CURB / EDGE OF PAVEMENT
0.00 FFE 0.00	PROPOSED SPOT ELEVATION FINISH FLOOR ELEVATION / THRESHOLD ELEVATION
0.00 HP	PROPOSED SPOT ELEVATION - HIGH POINT
0.00 LP	PROPOSED SPOT ELEVATION - LOW POINT
0.00 GR	PROPOSED GRATE TOP ELEVATION
ST-000	PROPOSED STORM STRUCTURE
STP-000	PROPOSED STORM PIPE
	OUTLET PROTECTION
	100YR FLOW PATH
	GRADE BREAK LINE
	FLOW ARROW

NOTE:
ALL SHADED STORM PIPES AND STRUCTURES NOT WITHIN RIGHT OF WAY ARE PRIVATE UNLESS OTHERWISE NOTED. (TYP.)

GRADING & DRAINAGE NOTES

1. ALL ADS HP STORM PIPE AND FITTINGS SHALL CONFORM TO ADS SPECIFICATIONS.
2. THE TESTING AGENCY WILL INSPECT AND TEST SUBGRADES AND EACH FILL OR BACKFILL LAYER. CONTRACTOR SHALL PROCEED WITH SUBSEQUENT EARTHWORK ONLY AFTER TEST RESULTS FOR PREVIOUSLY COMPLETED WORK COMPLY WITH REQUIREMENTS. TESTING AGENCY SHALL BE HIRED BY OWNER OR CONTRACTOR.
3. IF THE TESTING AGENCY REPORTS THAT SUBGRADES, FILLS, OR BACKFILLS HAVE NOT ACHIEVED DEGREE OF COMPACTION SPECIFIED, SCARIFY AND MOISTEN OR AERATE, OR REMOVE AND REPLACE SOIL TO DEPTH REQUIRED; RECOMPACT AND RETEST UNTIL SPECIFIED COMPACTION IS OBTAINED.
4. A DESIGN MODEL OF THE PROPOSED GRADING FOR THIS PROJECT HAS BEEN COMPLETED. USE OF THIS MODEL FOR CONSTRUCTION MUST BE APPROVED BY THE ENGINEER.
5. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS OF ALL DRAINAGE PRECAST STRUCTURES AND MANHOLES. SHOP DRAWINGS SHALL INCLUDE AT A MINIMUM STRUCTURE INVERT, TOP, INLET/OUTLET CONFIGURATION, PROFILE AND PLAN VIEW, AND LOADING SPECIFICATION.



KEY MAP
SCALE: 1" = 1,000'

FILL AND EXCAVATION ONLY
NO BUILDING, UTILITY, PAVEMENT, OR STORM CONSTRUCTION

N

0 150 300

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LICENSED PROFESSIONAL
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FAIRLIFE, LLC (SUBSIDIARY OF THE COCA-COLA COMPANY)

PROJECT IZZO

WEBSTER, NEW YORK

fairlife

No	DESCRIPTION	DATE
K	RCPI-PB	09/15/23
L	CPI-FILL	09/15/23
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G	CPI-PB	07/11/23

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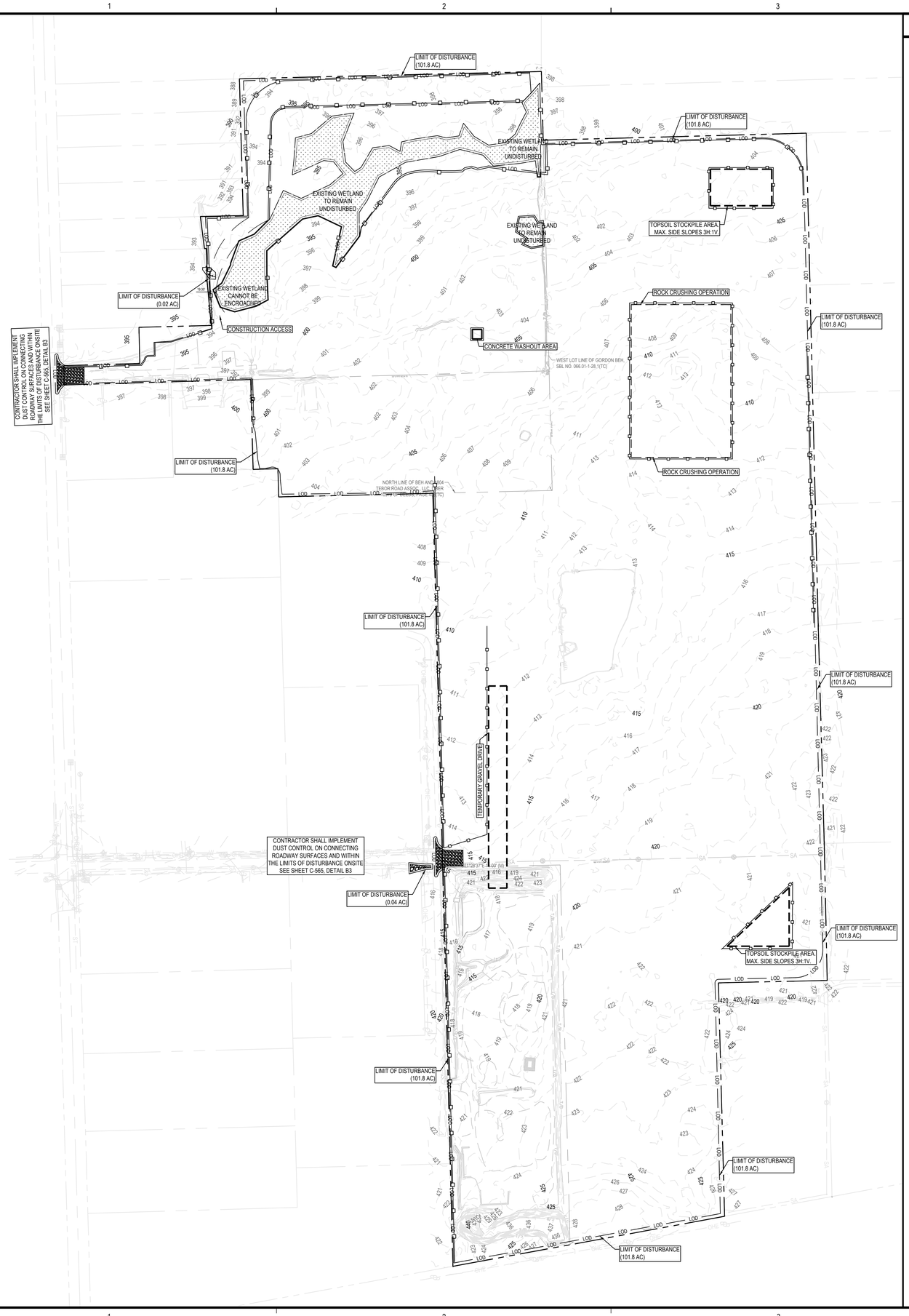
DRAWN BY: TZ
CHECKED BY: JRH

AE JOB NUMBER
3450044

OVERALL GRADING & DRAINAGE PLAN

C-140
SHEET NUMBER

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SEQUENCE OF CONSTRUCTION

EROSION & SEDIMENT NOTES

1. THE EROSION CONTROL PLANS PROVIDE THE MINIMUM REQUIREMENTS TO MEET LOCAL, STATE AND FEDERAL REGULATIONS. THE CONTRACTOR SHALL PROVIDE ADDITIONAL EROSION CONTROL MEASURES AS NECESSARY TO CONTROL SEDIMENT RUNOFF FROM THE SITE.
2. THE CONTRACTOR SHALL HAVE A QUALIFIED INSPECTOR ON-SITE FOR EROSION AND SEDIMENT CONTROL ACTIVITIES. THE QUALIFIED INSPECTOR SHALL MEET ALL OF THE REQUIREMENTS AS OUTLINED IN THE NYS SPDES GENERAL PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITY, GP-0-20-001.
3. EROSION AND SEDIMENT CONTROLS SHALL BE INSPECTED DAILY, AND AFTER EVERY STORMWATER EVENT THAT GENERATES RUNOFF, BY THE TRAINED CONTRACTOR(S) IDENTIFIED IN THE SWPPP.
4. THE QUALIFIED INSPECTOR SHALL INSPECT THE EROSION CONTROL ELEMENTS EVERY 7 DAYS OR WITHIN 24 HOURS OF A 0.5 INCH RAINFALL EVENT. THE REPORTS SHALL BE MAINTAINED ON-SITE DURING THE CONSTRUCTION ACTIVITIES. REFERENCE THE INSPECTION REQUIREMENTS IN THE NEW YORK STANDARDS SPECIFICATIONS STORMWATER MANAGEMENT AND SEDIMENT CONTROL FOR WHEN 5 ACRES OR MORE ARE DISTURBED.
5. WHERE SOIL DISTURBANCE ACTIVITIES HAVE TEMPORARILY OR FINALLY CEASED, SOIL STABILIZATION MEASURES SHALL BE INITIATED BY THE END OF THE NEXT BUSINESS DAY AND COMPLETED WITHIN 14 DAYS (7 DAYS IF OVER 5-ACRES OF DISTURBANCE, OR 3 DAYS IF BETWEEN NOVEMBER 15TH AND APRIL 1ST).

   TEMPORARILY CEASED – MEANS THAT AN EXISTING DISTURBED AREA WILL NOT BE DISTURBED AGAIN WITHIN 14 CALENDAR DAYS OF THE PREVIOUS SOIL DISTURBANCE.

   FINAL STABILIZATION - MEANS THAT ALL SOIL DISTURBANCE ACTIVITIES HAVE CEASED AND A UNIFORM, PERENNIAL VEGETATIVE COVER WITH A DENSITY OF EIGHTY (80) PERCENT OVER THE ENTIRE PERVIOUS SURFACE HAS BEEN ESTABLISHED; OR OTHER EQUIVALENT STABILIZATION MEASURES, SUCH AS PERMANENT LANDSCAPE MULCHES, ROCK RIP-RAP OR WASHED/CRUSHED STONE HAVE BEEN APPLIED ON ALL DISTURBED AREAS THAT ARE NOT COVERED BY PERMANENT STRUCTURES, CONCRETE OR PAVEMENT.
6. ALL SOIL OR ROCK STOCKPILES ON-SITE SHALL BE PROTECTED BY SILTFENCE PLACED AROUND THE BASE OF THE STOCKPILE PERIMETER AT A MINIMUM OF 10' FROM THE BASE OF STOCKPILE.
7. THE CONTRACTOR SHALL ENSURE THAT THE SITE DOES NOT DISCHARGE SEDIMENT LADEN WATER.
8. CONCRETE CLEAN OUT SHOULD BE MAINTAINED IN A DESIGNATED AREA TO REDUCE THE RUNOFF. THE CONTRACTOR SHALL REFER TO THE CONCRETE TRUCK WASHOUT DETAIL B4 ON SHEET C-567.
9. ANY GRADING BEYOND THE DENUDED LIMITS SHOWN ON THE PLANS IS A VIOLATION OF GP-0-20-001 AND THE TOWN OF WEBSTER TOWN CODE OR APPROPRIATE ORDINANCE AND SUBJECT TO A FINE. INCREASES IN AREA SHOULD BE COORDINATED WITH THE ENGINEER OF RECORD AND SUBMITTED TO THE TOWN OF WEBSTER OR APPROPRIATE.
10. ALL PERIMETER DIKES, SWALES, DITCHES, PERIMETER SLOPES AND ALL SLOPES STEEPER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1) SHALL BE PROVIDED TEMPORARY OR PERMANENT STABILIZATION WITH GROUND COVER AS SOON AS PRACTICABLE FOR LAND-DISTURBING ACTIVITY. STABILIZATION MUST FOLLOW SPECIFIC TREATMENTS REQUIRED TO STABILIZE SUCH AREAS, SUCH AS EROSION CONTROL BLANKETS, STRAW MATTING, ETC.
11. ADDITIONAL MEASURES TO CONTROL EROSION AND SEDIMENT MAY BE REQUIRED BY A REPRESENTATIVE OF THE TOWN OF WEBSTER OR APPROPRIATE.
12. SLOPES SHALL BE GRADED NO STEEPER THEN 2:1.
13. FOR EROSION CONTROL BMP DETAILS, REFER TO NEW YORK STANDARDS SPECIFICATIONS STORMWATER MANAGEMENT AND SEDIMENT CONTROL.
14. NOTICE SHALL BE POSTED AT THE MAIN ENTRANCE OF THE CONSTRUCTION SITE AND SHALL INCLUDE A COPY OF THE COMPLETED NOI LETTER, NPDES PERMIT NUMBER, PROJECT CONTACT PERSON AND CONTACT INFORMATION, AND THE LOCATION OF THE CONSTRUCTION PLANS.
15. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL THE CONTRIBUTING AREA HAS BEEN FULLY STABILIZED; THIS INCLUDES ALL DRY SWALES AND OTHER PERMANENT STORMWATER PRACTICES ON THE SITE. ALL STABILIZED AREAS ARE TO BE REVIEWED BY THE ENGINEER OF RECORD AND MS4 OFFICIAL PRIOR TO REMOVAL OF EROSION AND SEDIMENT CONTROL MEASURES.

SEQUENCE OF CONSTRUCTION:

1. CONSTRUCT TEMPORARY CONSTRUCTION ENTRANCE.
2. CONSTRUCT AND STABILIZE PERIMETER CONTROLS (SILTFENCE). CONSTRUCT SILTFENCE AND ORANGE CONSTRUCTION FENCING AROUND PERIMETER OF EXISTING WETLAND SYSTEMS ON SITE.
3. DEMO EXISTING PAVEMENTS AS SHOWN ON SHEET C-110.
4. MASS GRADE THE SITE WITHIN THE PERIMETER CONTROLS . DIRECT GRADING TO PROPOSED TEMPORARY SEDIMENT BASIN. PROPOSED STORMWATER POND SHALL ACT AS THE TEMPORARY SEDIMENT BASIN UNTIL THE SITE HAS BEEN STABILIZED AND CONSTRUCTION HAS CEASED.

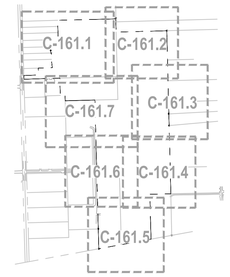
*THE CONTRACTOR SHALL SUBMIT ALTERNATE PLANS TO THE PROJECT MANAGER AND ENGINEER PRIOR TO DEVIATING FROM THE SEQUENCE OF CONSTRUCTION.

AREA 1: 101.8 AC.

AREA 2: 0.04 AC.

AREA 3: 0.02 AC.

TOTAL DISTURBED AREA: 101.86 AC.



KEY MAP
SCALE: 1" = 1,000'

SEDIMENT AND EROSION CONTROL SHALL BE IMPLEMENTED IN ACCORDANCE WITH NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL

NOTE TO CONTRACTOR:
EROSION/SEDIMENT CONTROL WILL BE STRICTLY ENFORCED.

SOILS INFORMATION

SYMBOL	NAME	SLOPE	STRUCTURAL LIMITATIONS	HYDRAULIC GROUP	K VALUE >0.35
CkA	CLAVERACK LOAMY FINE SAND	0% TO 2%	NOT RATED	C/D	NA
EIA	ELNORA LOAMY FINE SAND	0% TO 2%		A/D	
Lp	LOCKPORT SILTY CLAY LOAM			D	
WtA	WASSAIC FINE SANDY LOAM	0% TO 4%		C	

EROSION AND SEDIMENT CONTROL LEGEND

	LIMITS OF DISTURBANCE	LOD
RSF	REINFORCED SILT FENCE	A1 C-561
SF	SILT FENCE	B2 C-561
	BASIN DRAINAGE AREA	
CD	STONE CHECK DAM	A2 C-560
CE	CONSTRUCTION ENTRANCE	B3 C-561
IP-1	FABRIC DROP INLET PROTECTION	B2 C-560
SB-1	SEDIMENT BASIN DETAILS	B4 C-560
FR	FIBER ROLL	FR; B1 C-560
RR	RIP RAP OUTLET PROTECTION	A2 C-561
GW	GRASSED WATERWAY	GL; B3 C-560
EIP	EXCAVATED DROP INLET PROTECTION	A4 C-560
	LOOSE STABILIZATION BLANKETS	A1 C-568
	DRAINAGE BASIN ID	DA-X
PD	PERIMETER DIKE OR SWALE	PD; A1 C-560
WW	WEIGHTED WATTLES	A1 C-562
	WETLANDS	
	STOCKPILE / WASHOUT AREAS	B4 C-567

N
0 140 280

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HASKELL

FAIRLIFE, LLC (SUBSIDIARY OF THE COCA-COLA COMPANY)

PROJECT IZZO
WEBSTER, NEW YORK

fairlife

No	DESCRIPTION	DATE
K	RCPI-PB	09/15/23
L	CPI-FILL	09/15/23
J	RCPI-PB	09/06/23
I	RCPI-PB	08/16/23
G	CPI-PB	07/11/23

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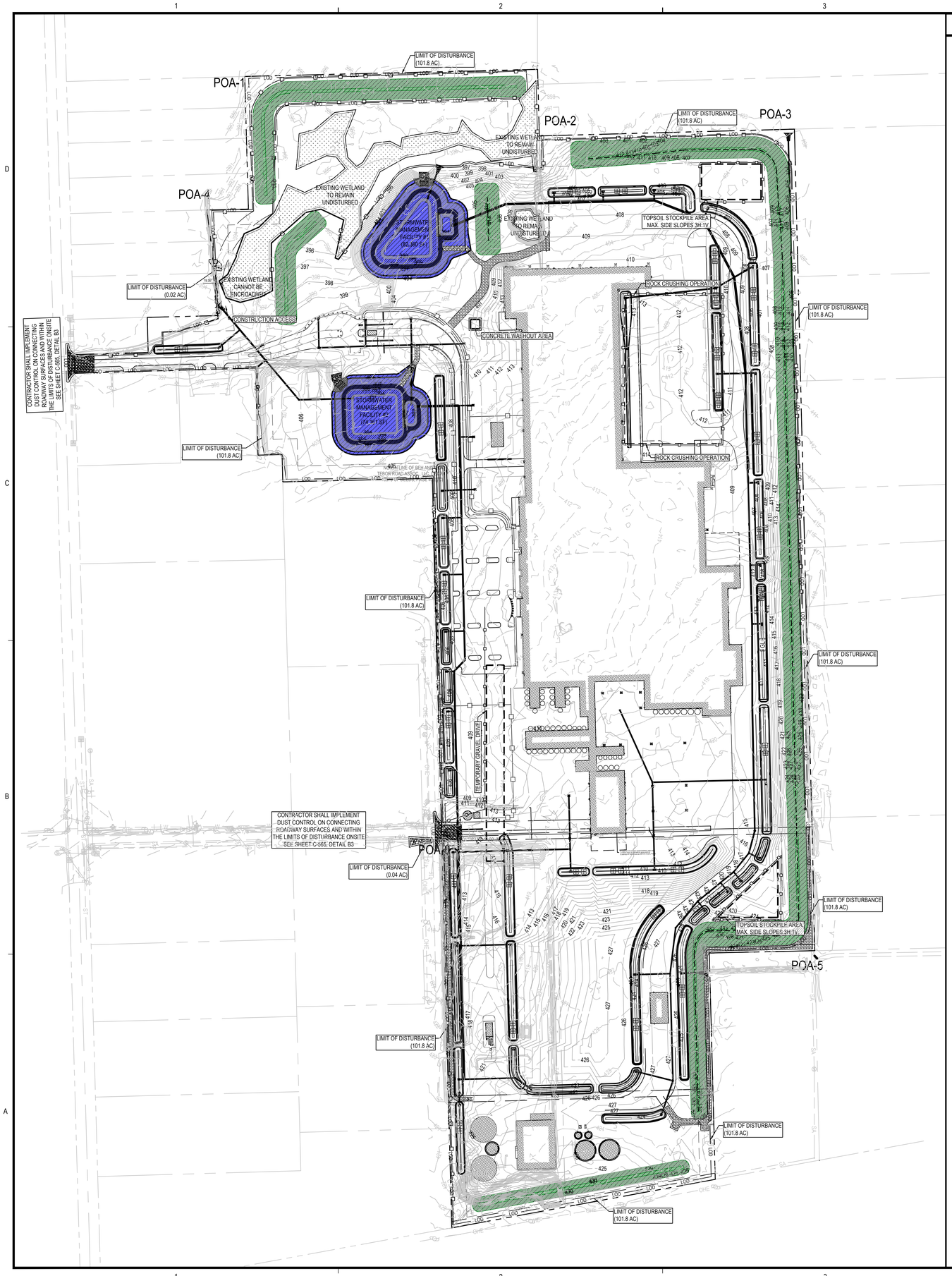
DRAWN BY: RLO
CHECKED BY: JRH

AE JOB NUMBER
3450044

OVERALL INITIAL EROSION & SEDIMENT CONTROL PLAN

C-161
SHEET NUMBER

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SEQUENCE OF CONSTRUCTION

EROSION & SEDIMENT NOTES

1. THE EROSION CONTROL PLANS PROVIDE THE MINIMUM REQUIREMENTS TO MEET LOCAL, STATE AND FEDERAL REGULATIONS. THE CONTRACTOR SHALL PROVIDE ADDITIONAL EROSION CONTROL MEASURES AS NECESSARY TO CONTROL SEDIMENT RUNOFF FROM THE SITE.
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SEQUENCE OF CONSTRUCTION:

1. CONTRACTOR SHALL CONTINUE TO MAINTAIN INITIAL EROSION AND SEDIMENT CONTROL MEASURES.
2. INSTALL STORM INLETS, INSTALL INLET PROTECTION, AND OUTLET PROTECTION
3. INSTALL UNDERGROUND UTILITIES.
4. CONTINUE SITE GRADING OPERATIONS AND SOIL STABILIZATION AS REQUIRED.

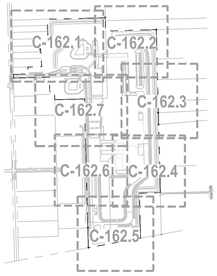
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TOTAL DISTURBED AREA: 101.86 AC.



KEY MAP
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SEDIMENT AND EROSION CONTROL SHALL BE IMPLEMENTED IN ACCORDANCE WITH NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL

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SOILS INFORMATION					
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EROSION AND SEDIMENT CONTROL LEGEND

	LIMITS OF DISTURBANCE	LOD
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WW	WEIGHTED WATTLES	A1 C-562
	WETLANDS	
	STOCKPILE / WASHOUT AREAS	B4 C-567

N
0 140 280

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FAIRLIFE, LLC (SUBSIDIARY OF THE COCA-COLA COMPANY)

PROJECT IZZO

WEBSTER, NEW YORK

fairlife

No	DESCRIPTION	DATE
K	RCPI-PB	09/15/23
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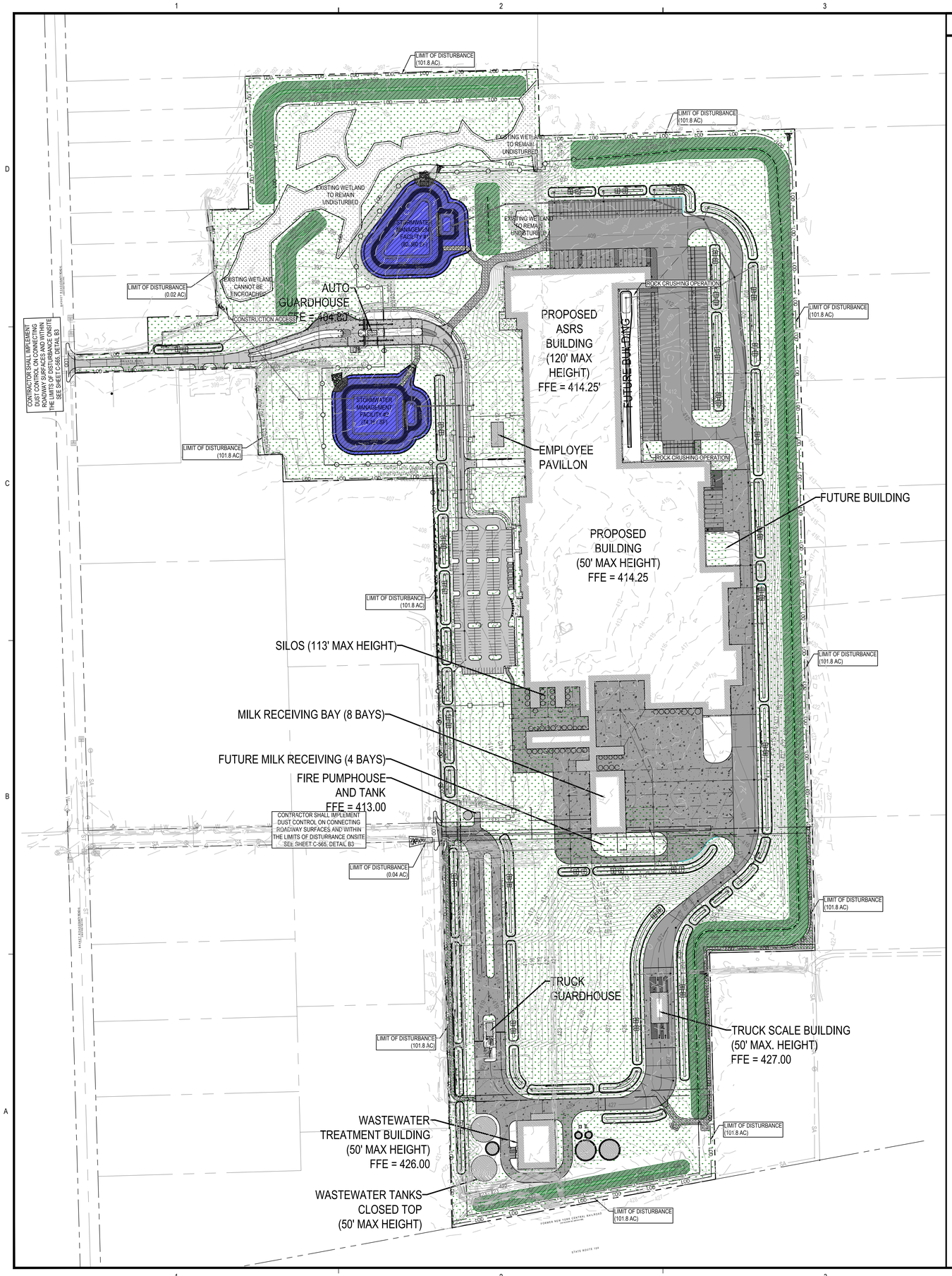
DRAWN BY: RLO
CHECKED BY: JRH

AE JOB NUMBER
3450044

OVERALL INTERMEDIATE E&SC PLAN

C-162
SHEET NUMBER

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SEQUENCE OF CONSTRUCTION

EROSION & SEDIMENT NOTES

1. THE EROSION CONTROL PLANS PROVIDE THE MINIMUM REQUIREMENTS TO MEET LOCAL, STATE AND FEDERAL REGULATIONS. THE CONTRACTOR SHALL PROVIDE ADDITIONAL EROSION CONTROL MEASURES AS NECESSARY TO CONTROL SEDIMENT RUNOFF FROM THE SITE.
2. THE CONTRACTOR SHALL HAVE A QUALIFIED INSPECTOR ON-SITE FOR EROSION AND SEDIMENT CONTROL ACTIVITIES. THE QUALIFIED INSPECTOR SHALL MEET ALL OF THE REQUIREMENTS AS OUTLINED IN THE NYS SPDES GENERAL PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITY, GP-0-20-001.
3. EROSION AND SEDIMENT CONTROLS SHALL BE INSPECTED DAILY, AND AFTER EVERY STORMWATER EVENT THAT GENERATES RUNOFF, BY THE TRAINED CONTRACTOR(S) IDENTIFIED IN THE SWPPP.
4. THE QUALIFIED INSPECTOR SHALL INSPECT THE EROSION CONTROL ELEMENTS EVERY 7 DAYS OR WITHIN 24 HOURS OF A 0.5 INCH RAINFALL EVENT. THE REPORTS SHALL BE MAINTAINED ON-SITE DURING THE CONSTRUCTION ACTIVITIES. REFERENCE THE INSPECTION REQUIREMENTS IN THE NEW YORK STANDARDS SPECIFICATIONS STORMWATER MANAGEMENT AND SEDIMENT CONTROL FOR WHEN 5 ACRES OR MORE ARE DISTURBED.
5. WHERE SOIL DISTURBANCE ACTIVITIES HAVE TEMPORARILY OR FINALLY CEASED, SOIL STABILIZATION MEASURES SHALL BE INITIATED BY THE END OF THE NEXT BUSINESS DAY AND COMPLETED WITHIN 14 DAYS (7 DAYS IF OVER 5-ACRES OF DISTURBANCE, OR 3 DAYS IF BETWEEN NOVEMBER 15TH AND APRIL 1ST).

   TEMPORARILY CEASED – MEANS THAT AN EXISTING DISTURBED AREA WILL NOT BE DISTURBED AGAIN WITHIN 14 CALENDAR DAYS OF THE PREVIOUS SOIL DISTURBANCE.

   FINAL STABILIZATION - MEANS THAT ALL SOIL DISTURBANCE ACTIVITIES HAVE CEASED AND A UNIFORM, PERENNIAL VEGETATIVE COVER WITH A DENSITY OF EIGHTY (80) PERCENT OVER THE ENTIRE PERVIOUS SURFACE HAS BEEN ESTABLISHED; OR OTHER EQUIVALENT STABILIZATION MEASURES, SUCH AS PERMANENT LANDSCAPE MULCHES, ROCK RIP-RAP OR WASHED/CRUSHED STONE HAVE BEEN APPLIED ON ALL DISTURBED AREAS THAT ARE NOT COVERED BY PERMANENT STRUCTURES, CONCRETE OR PAVEMENT.
6. ALL SOIL OR ROCK STOCKPILES ON-SITE SHALL BE PROTECTED BY SILTFENCE PLACED AROUND THE BASE OF THE STOCKPILE PERIMETER AT A MINIMUM OF 10' FROM THE BASE OF STOCKPILE.
7. THE CONTRACTOR SHALL ENSURE THAT THE SITE DOES NOT DISCHARGE SEDIMENT LADEN WATER.
8. CONCRETE CLEAN OUT SHOULD BE MAINTAINED IN A DESIGNATED AREA TO REDUCE THE RUNOFF. THE CONTRACTOR SHALL REFER TO THE CONCRETE TRUCK WASHOUT DETAIL B4 ON SHEET C-567.
9. ANY GRADING BEYOND THE DENUDED LIMITS SHOWN ON THE PLANS IS A VIOLATION OF GP-0-20-001 AND THE TOWN OF WEBSTER TOWN CODE OR APPROPRIATE ORDINANCE AND SUBJECT TO A FINE. INCREASES IN AREA SHOULD BE COORDINATED WITH THE ENGINEER OF RECORD AND SUBMITTED TO THE TOWN OF WEBSTER OR APPROPRIATE.
10. ALL PERIMETER DIKES, SWALES, DITCHES, PERIMETER SLOPES AND ALL SLOPES STEEPER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1) SHALL BE PROVIDED TEMPORARY OR PERMANENT STABILIZATION WITH GROUND COVER AS SOON AS PRACTICABLE FOR LAND-DISTURBING ACTIVITY. STABILIZATION MUST FOLLOW SPECIFIC TREATMENTS REQUIRED TO STABILIZE SUCH AREAS, SUCH AS EROSION CONTROL BLANKETS, STRAW MATTING, ETC.
11. ADDITIONAL MEASURES TO CONTROL EROSION AND SEDIMENT MAY BE REQUIRED BY A REPRESENTATIVE OF THE TOWN OF WEBSTER OR APPROPRIATE.
12. SLOPES SHALL BE GRADED NO STEEPER THEN 2:1.
13. FOR EROSION CONTROL BMP DETAILS, REFER TO NEW YORK STANDARDS SPECIFICATIONS STORMWATER MANAGEMENT AND SEDIMENT CONTROL.
14. NOTICE SHALL BE POSTED AT THE MAIN ENTRANCE OF THE CONSTRUCTION SITE AND SHALL INCLUDE A COPY OF THE COMPLETED NOI LETTER, NPDES PERMIT NUMBER, PROJECT CONTACT PERSON AND CONTACT INFORMATION, AND THE LOCATION OF THE CONSTRUCTION PLANS.
15. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL THE CONTRIBUTING AREA HAS BEEN FULLY STABILIZED; THIS INCLUDES ALL DRY SWALES AND OTHER PERMANENT STORMWATER PRACTICES ON THE SITE. ALL STABILIZED AREAS ARE TO BE REVIEWED BY THE ENGINEER OF RECORD AND MS4 OFFICIAL PRIOR TO REMOVAL OF EROSION AND SEDIMENT CONTROL MEASURES.

SEQUENCE OF CONSTRUCTION:

1. FINE GRADE SITE TO PROPOSED GRADES.
2. PLACE CURBS, ASPHALT, CONCRETE, AND GRAVEL PAVEMENTS.
3. FINE GRADE LANDSCAPE AREAS.
4. STABILIZE ALL DISTURBED AREAS.
5. REMOVE SEDIMENT AND EROSION CONTROL MEASURES AFTER ENGINEER OR RECORD AND MS4 OPERATOR HAVE REVIEWED.

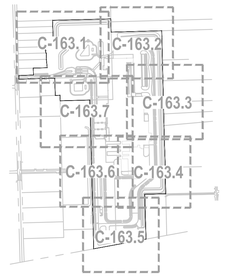
*THE CONTRACTOR SHALL SUBMIT ALTERNATE PLANS TO THE PROJECT MANAGER AND ENGINEER PRIOR TO DEVIATING FROM THE SEQUENCE OF CONSTRUCTION.

AREA 1: 101.8 AC.

AREA 2: 0.04 AC.

AREA 3: 0.02 AC.

TOTAL DISTURBED AREA: 101.86 AC.



KEY MAP
SCALE: 1" = 1,000'

SEDIMENT AND EROSION CONTROL SHALL BE IMPLEMENTED IN ACCORDANCE WITH NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL

NOTE TO CONTRACTOR:
EROSION/SEDIMENT CONTROL WILL BE STRICTLY ENFORCED.

SOILS INFORMATION

SYMBOL	NAME	SLOPE	STRUCTURAL LIMITATIONS	HYDRAULIC GROUP	K VALUE >0.35
CkA	CLAVERACK LOAMY FINE SAND	0% TO 2%	NOT RATED	C/D	NA
EIA	ELNORA LOAMY FINE SAND	0% TO 2%		A/D	
Lp	LOCKPORT SILTY CLAY LOAM			D	
WtA	WASSAIC FINE SANDY LOAM	0% TO 4%		C	

EROSION AND SEDIMENT CONTROL LEGEND

	LIMITS OF DISTURBANCE	LOD
RSF	REINFORCED SILT FENCE	A1 C-561
SF	SILT FENCE	B2 C-561
	BASIN DRAINAGE AREA	
CD	STONE CHECK DAM	A2 C-560
CE	CONSTRUCTION ENTRANCE	B3 C-561
IP-1	FABRIC DROP INLET PROTECTION	B2 C-560
SB-1	SEDIMENT BASIN DETAILS	B4 C-560
FR	FIBER ROLL	B1 C-560
RR	RIP RAP OUTLET PROTECTION	A2 C-561
GW	GRASSED WATERWAY	B3 C-560
EIP	EXCAVATED DROP INLET PROTECTION	A4 C-560
	LOOSE STABILIZATION BLANKETS	A1 C-568
	DRAINAGE BASIN ID	DA-X
IPSS	INLET PROTECTION SILT SACK	A3 C-560
PD	PERIMETER DIKE OR SWALE	A1 C-560
WW	WEIGHTED WATTLES	A1 C-562
	WETLANDS	
	STOCKPILE / WASHOUT AREAS	B4 C-567
	SEEDING	

N
0 140 280

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FAIRLIFE, LLC (SUBSIDIARY OF THE COCA-COLA COMPANY)

PROJECT IZZO
WEBSTER, NEW YORK

fairlife

No.	DESCRIPTION	DATE
K	RCPI-PB	09/15/23
J	RCPI-PB	09/06/23
I	RCPI-PB	08/16/23
G	CPI-PB	07/11/23

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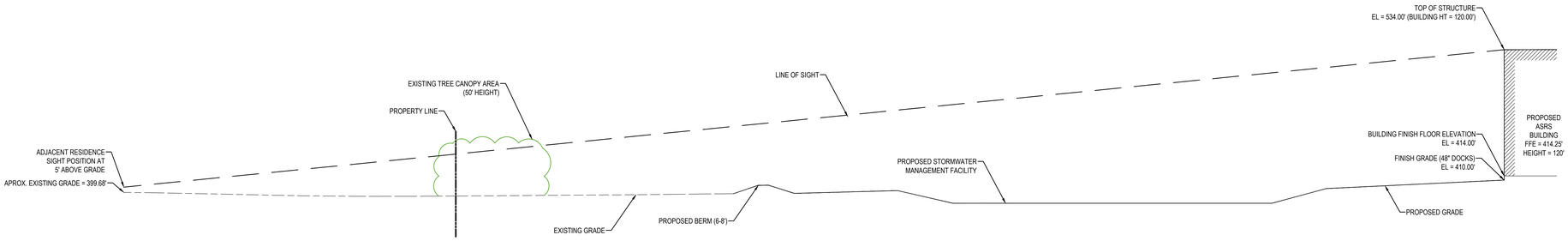
DRAWN BY: RLO
CHECKED BY: JRH

AE JOB NUMBER
3450044

OVERALL FINAL E&SC PLAN

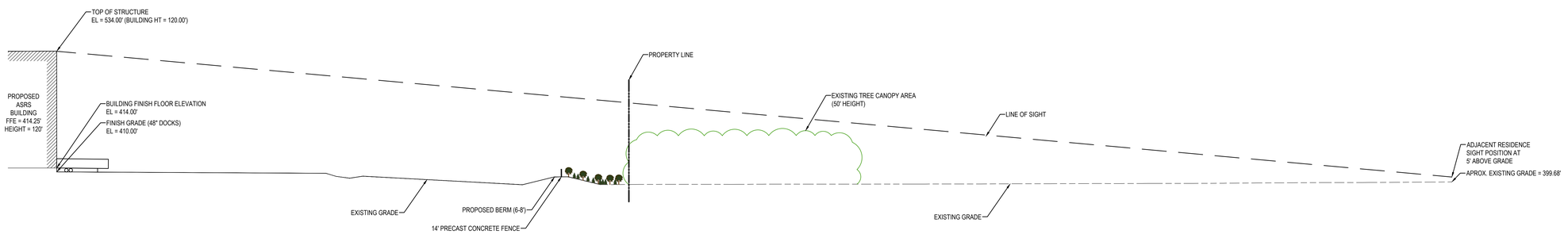
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SHEET NUMBER

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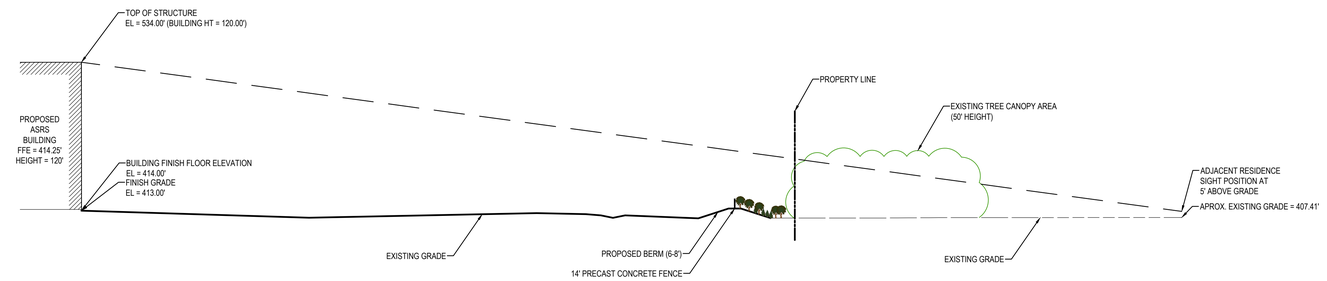
LINE OF SIGHT PROFILE: LOS-1

SCALE: 1" = 50'



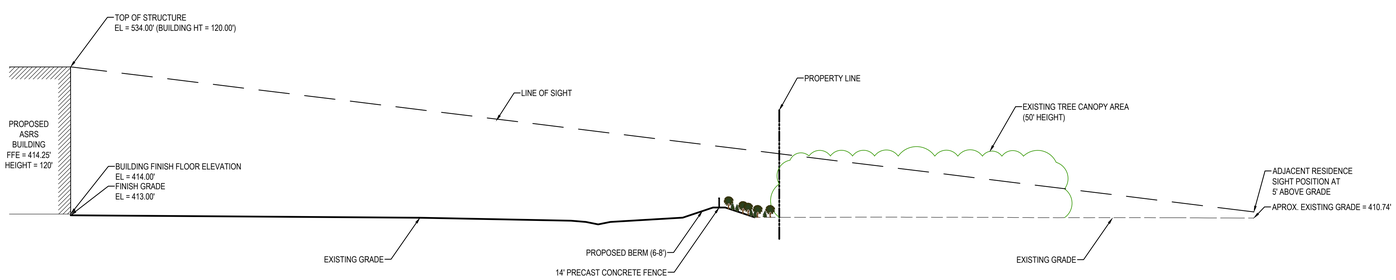
LINE OF SIGHT PROFILE: LOS-2

SCALE: 1" = 50'



LINE OF SIGHT PROFILE: LOS-3

SCALE: 1" = 50'



LINE OF SIGHT PROFILE: LOS-4

SCALE: 1" = 50'

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FAIRLIFE, LLC (SUBSIDIARY OF THE COCA-COLA COMPANY)

PROJECT IZZO

WEBSTER, NEW YORK

fairlife

No	DESCRIPTION	DATE
K	RCPI-PB	09/15/23
J	RCPI-PB	09/06/23
I	RCPI-PB	08/16/23
G	CPI-PB	07/11/23

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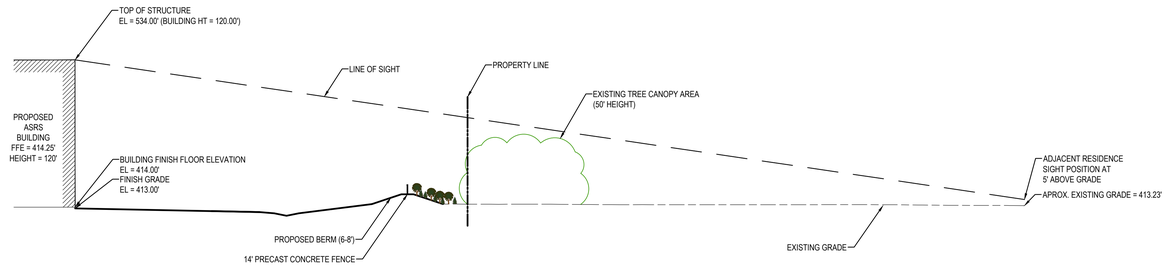
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RAE	JRH

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3450044

LINE OF SIGHT PLANS

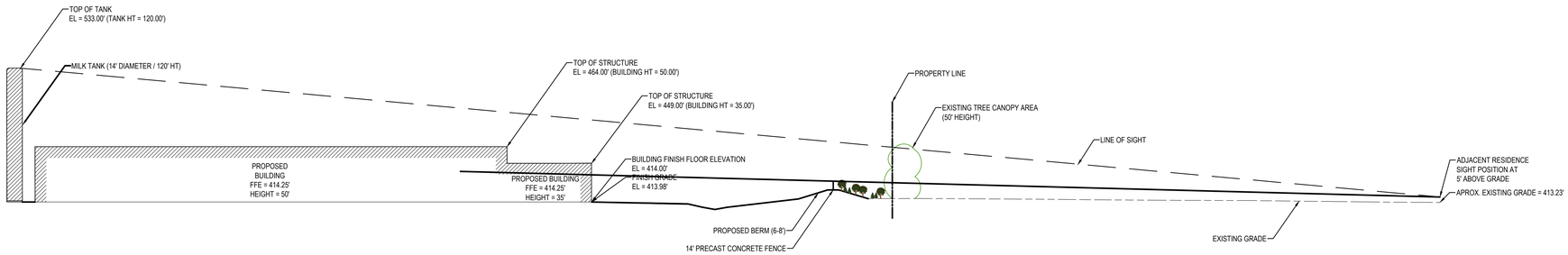
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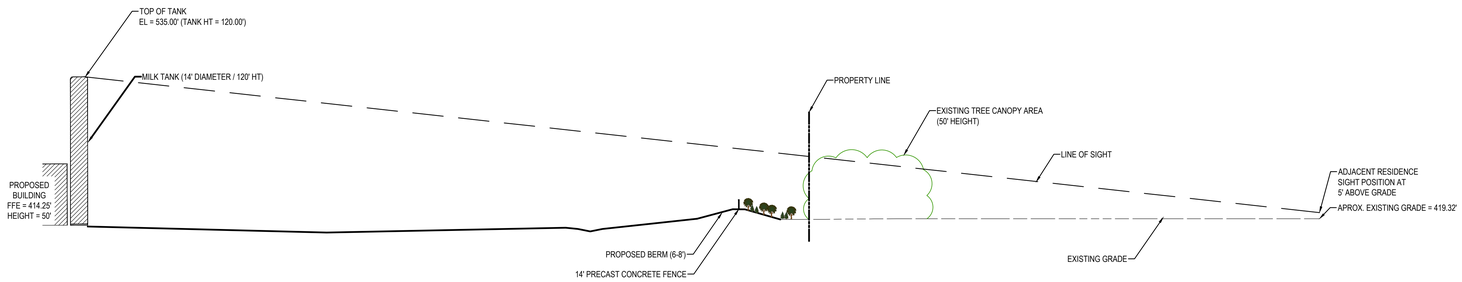
LINE OF SIGHT PROFILE: LOS-5

SCALE: 1" = 50'



LINE OF SIGHT PROFILE: LOS-6

SCALE: 1" = 50'



LINE OF SIGHT PROFILE: LOS-7

SCALE: 1" = 50'

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PROJECT IZZO

WEBSTER, NEW YORK

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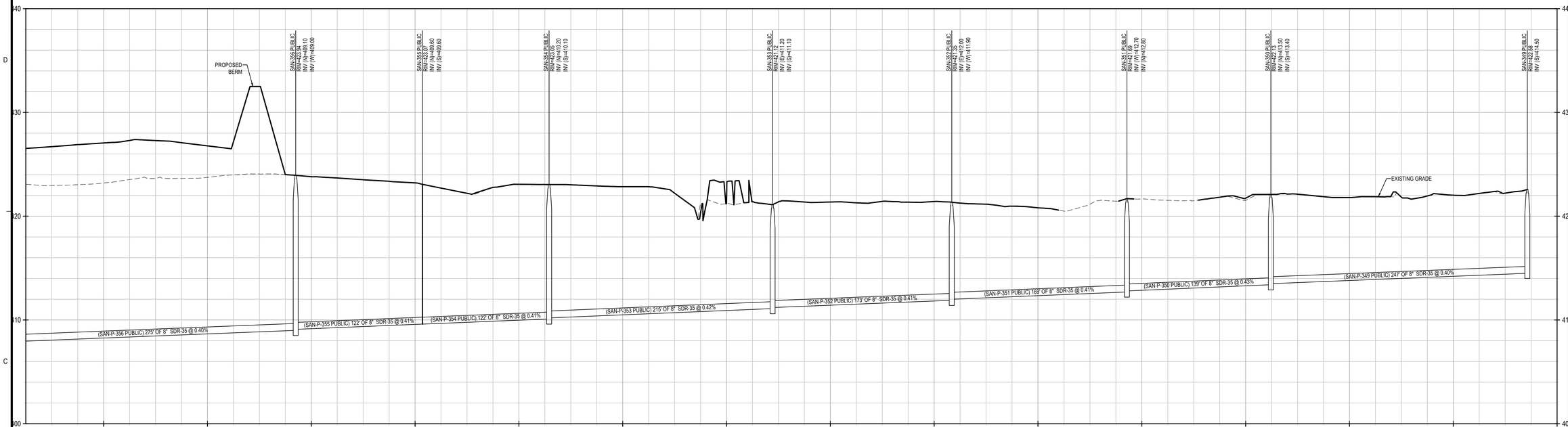
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LINE OF SIGHT PLANS

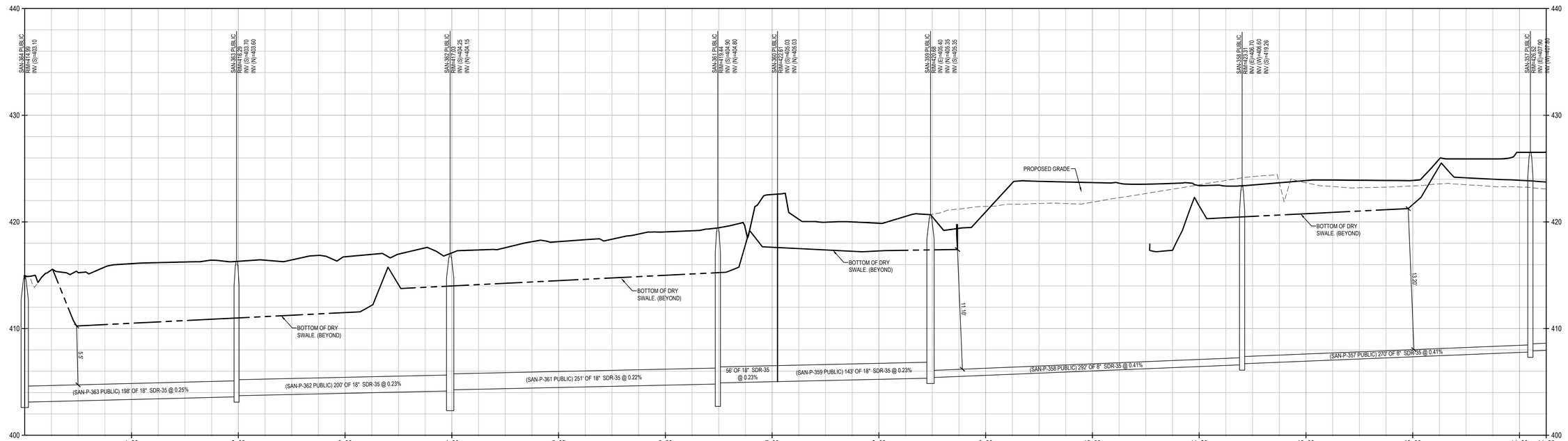
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SANITARY SEWER - 300
HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 4'



SANITARY SEWER - 300
HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 4'

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FAIRLIFE, LLC (SUBSIDIARY OF THE COCA-COLA COMPANY)

PROJECT IZZO

WEBSTER, NEW YORK

fairlife

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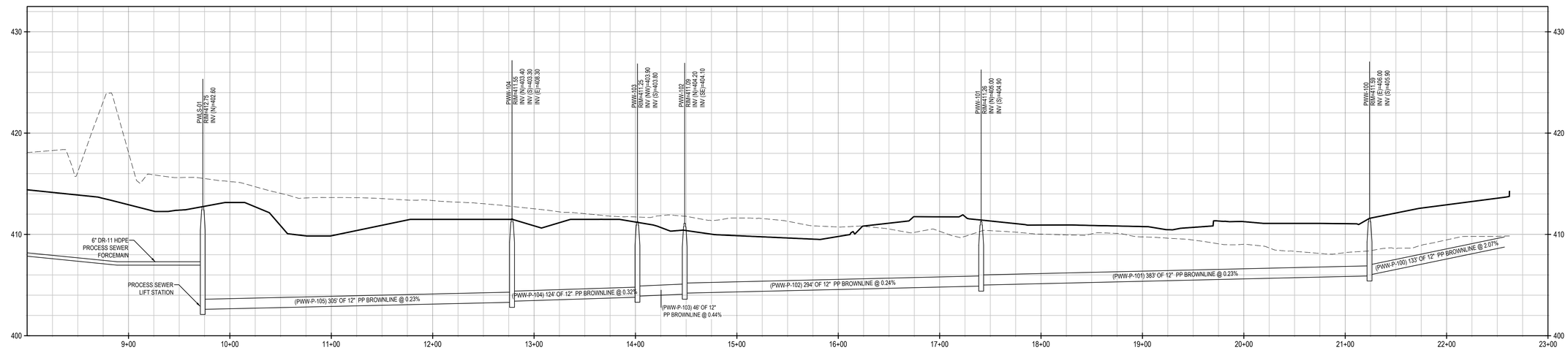
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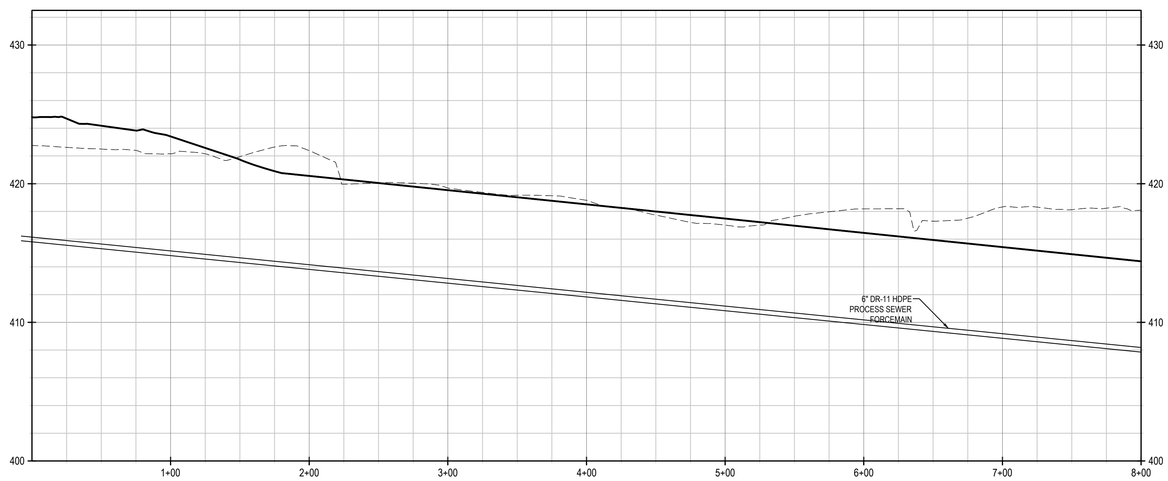
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C-230
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PROCESS SEWER - 100
HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 4'



PROCESS SEWER - 100
HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 4'

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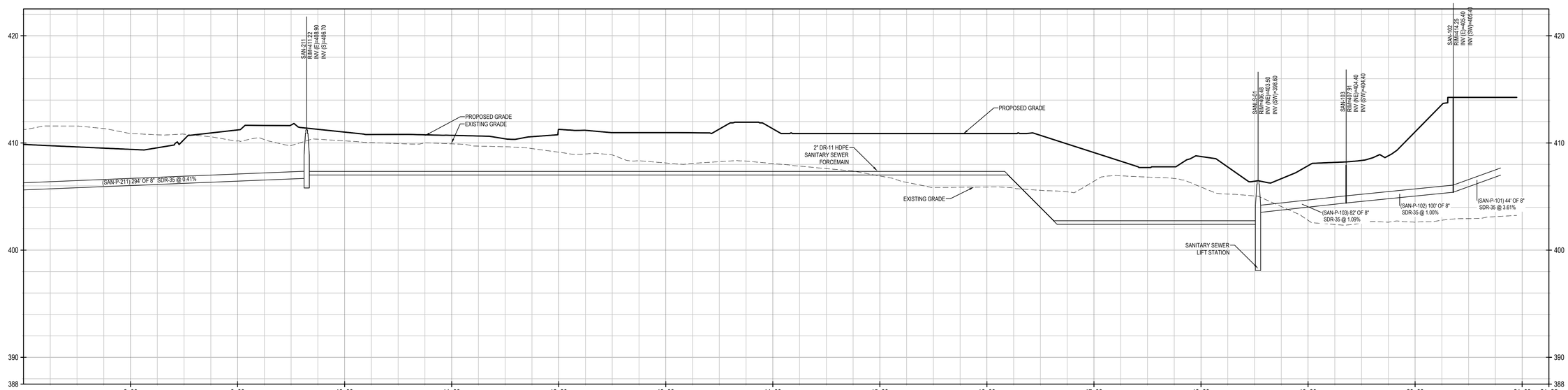
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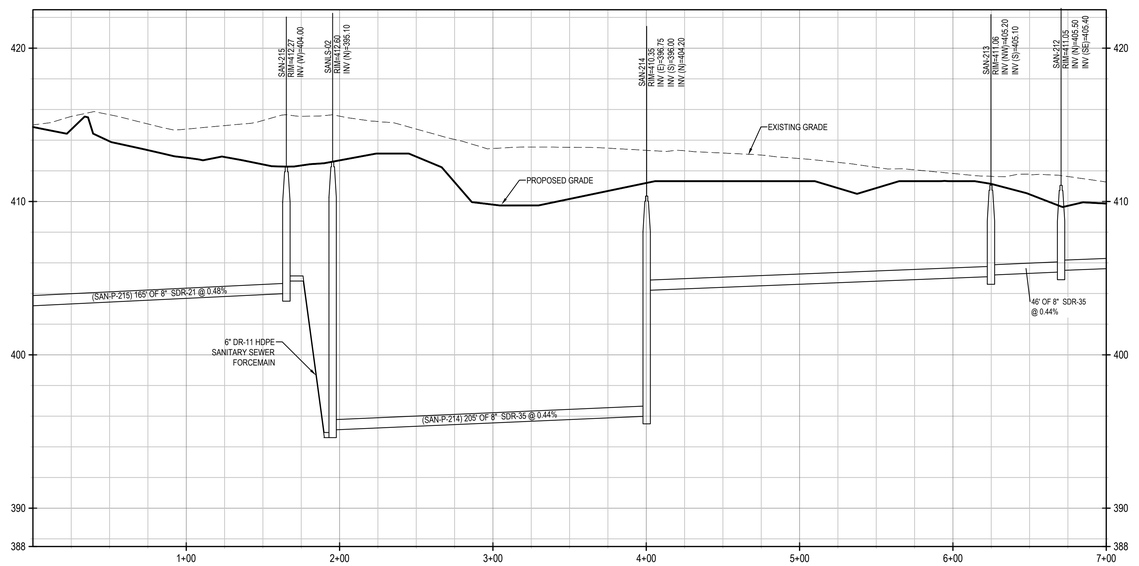
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SHEET NUMBER

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MAIN SANITARY SEWER - 100
HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 4'



MAIN SANITARY SEWER - 100
HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 4'

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K	RCPI-PB	09/15/23
J	RCPI-PB	09/06/23
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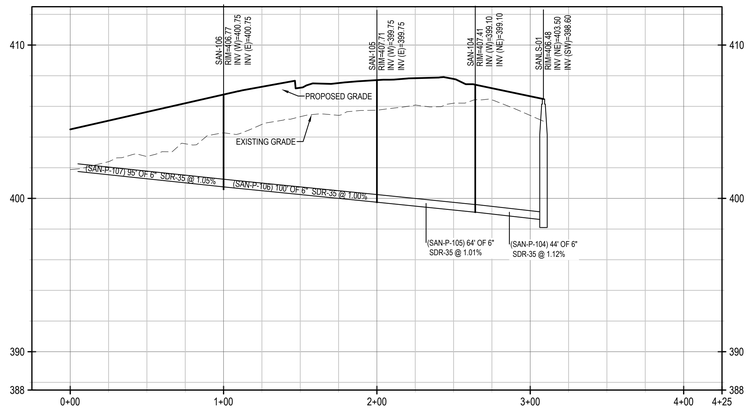
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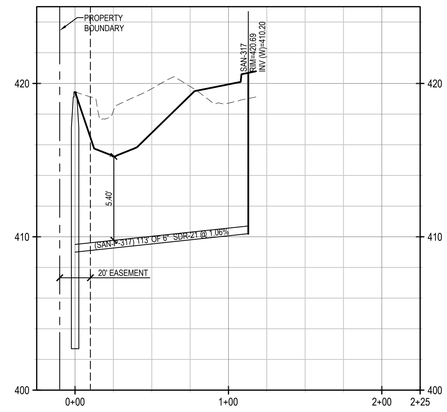
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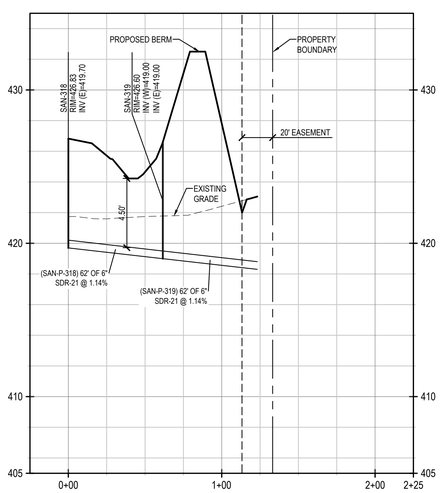
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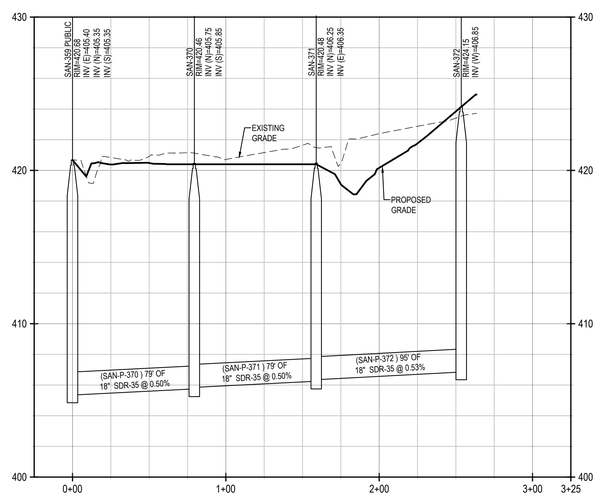
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VERTICAL SCALE: 1" = 4'



TRUCK SANITARY SEWER - 100
HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 4'



SCALE SANITARY SEWER - 100
HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 4'



WWTF DISCHARGE
HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 4'

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PROJECT IZZO

WEBSTER, NEW YORK

fairlife

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G	CPI-PB	07/11/23

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-	-

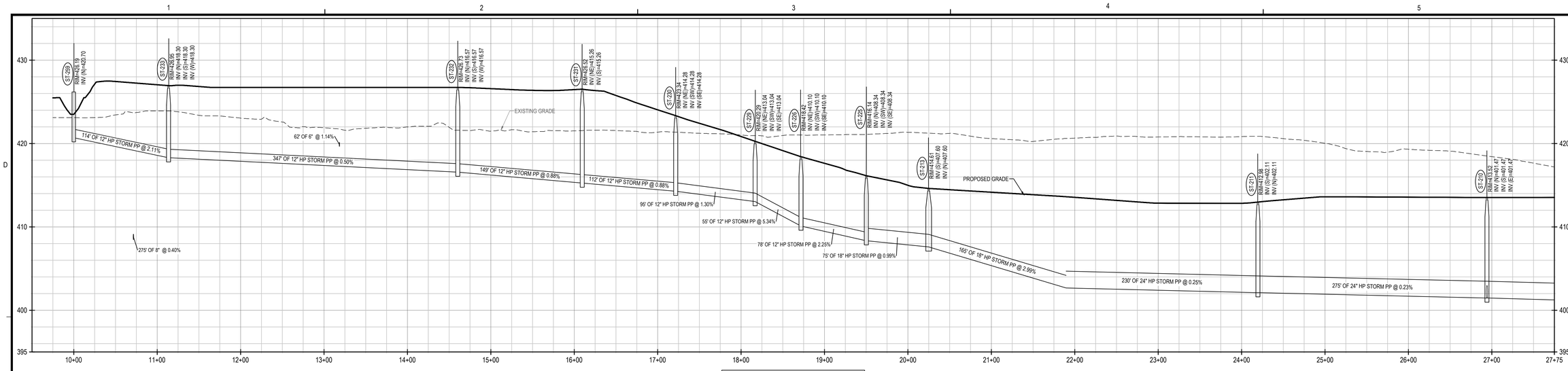
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3450044

SANITARY SEWER PROFILES

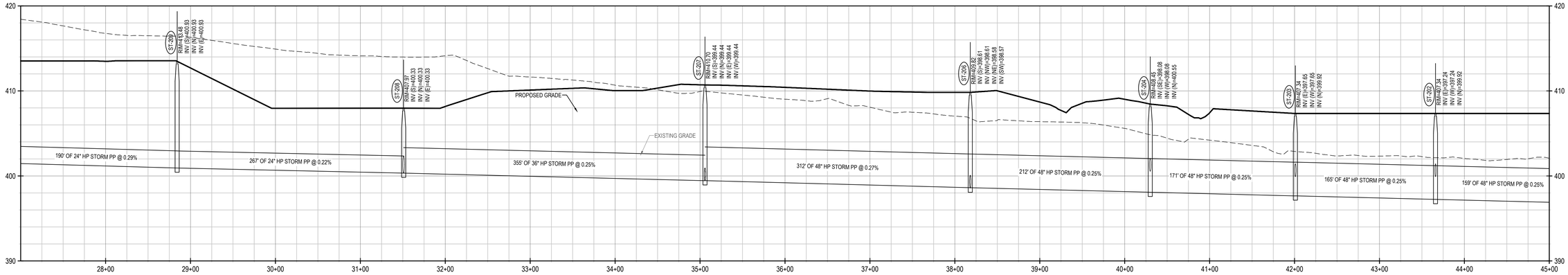
C-233
SHEET NUMBER

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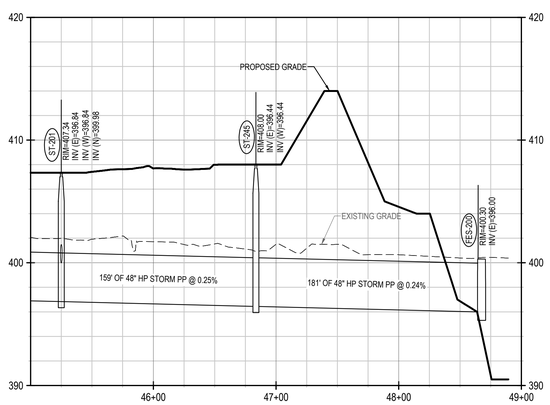
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STORM SEWER - SYSTEM 200
HORIZONTAL SCALE: 1" = 50'
VERTICAL SCALE: 1" = 5'



STORM SEWER - SYSTEM 200
HORIZONTAL SCALE: 1" = 50'
VERTICAL SCALE: 1" = 5'



STORM SEWER - SYSTEM 200
HORIZONTAL SCALE: 1" = 50'
VERTICAL SCALE: 1" = 5'

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FAIRLIFE, LLC (SUBSIDIARY OF THE COCA-COLA COMPANY)

PROJECT IZZO

WEBSTER, NEW YORK

fairlife

No	DESCRIPTION	DATE
K	RCPI-PB	09/15/23
J	RCPI-PB	09/06/23
I	RCPI-PB	08/16/23
G	CPI-PB	07/11/23

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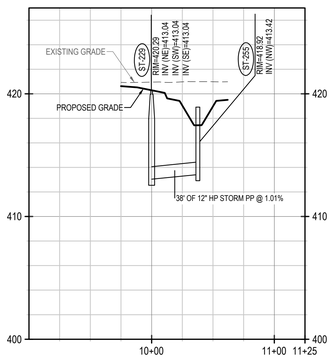
DRAWN BY:	CHECKED BY:
RAE	JRH

AE JOB NUMBER
3450044

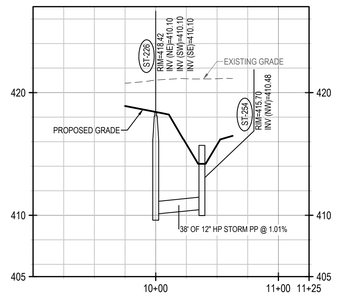
GRADING & DRAINAGE PROFILES

C-240
SHEET NUMBER

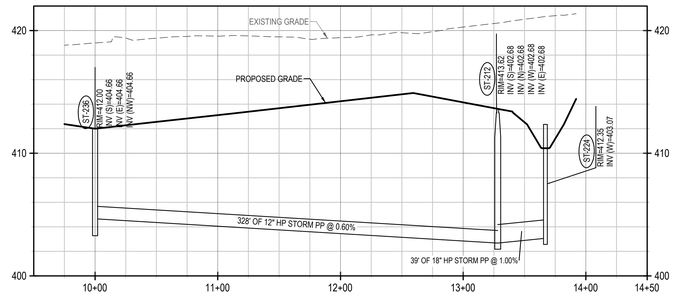
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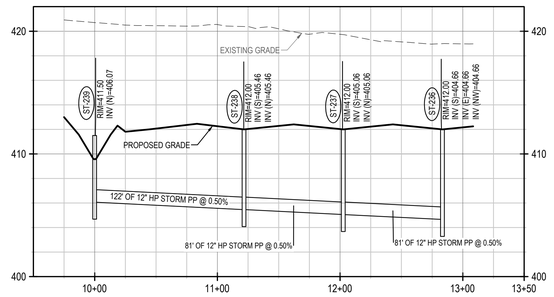
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HORIZONTAL SCALE: 1" = 50'
VERTICAL SCALE: 1" = 5'



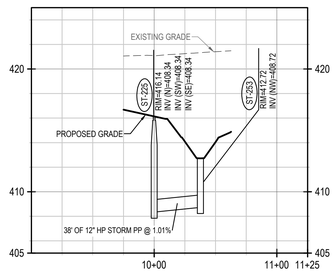
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VERTICAL SCALE: 1" = 5'



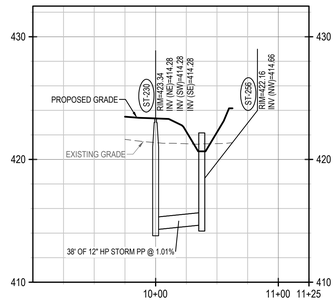
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VERTICAL SCALE: 1" = 5'



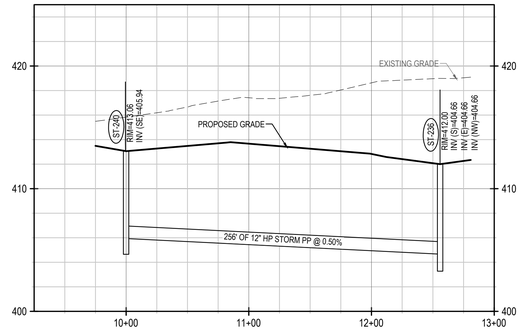
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HORIZONTAL SCALE: 1" = 50'
VERTICAL SCALE: 1" = 5'



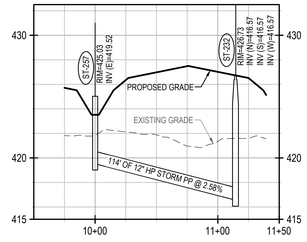
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VERTICAL SCALE: 1" = 5'



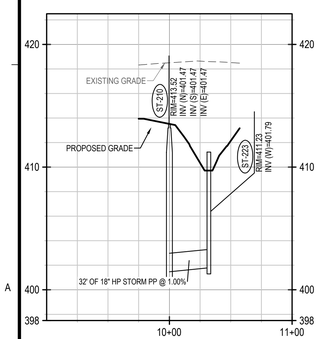
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VERTICAL SCALE: 1" = 5'



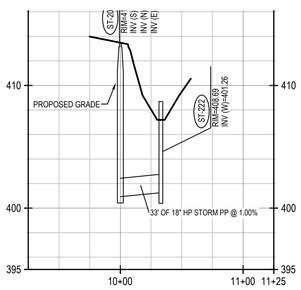
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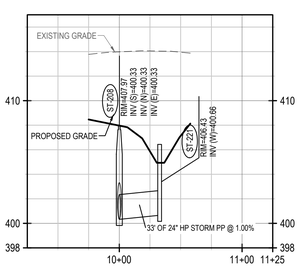
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VERTICAL SCALE: 1" = 5'



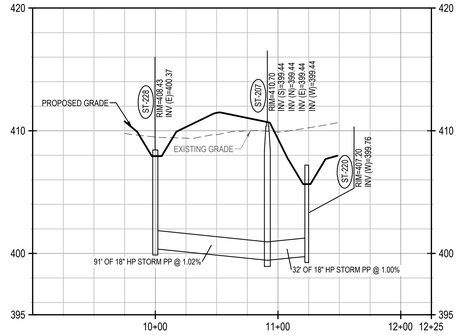
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VERTICAL SCALE: 1" = 5'



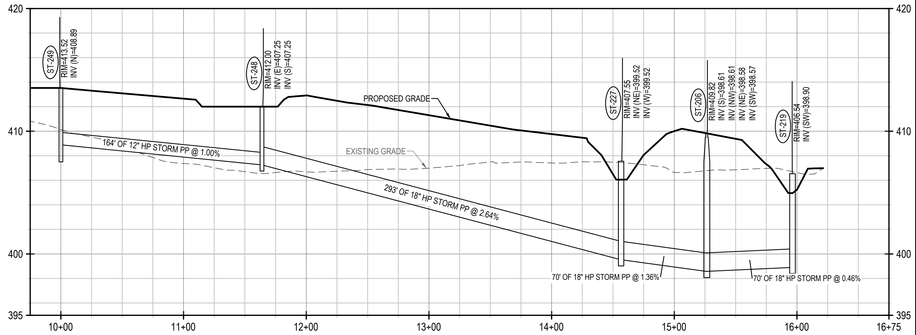
STORM SEWER - SYSTEM 200K
HORIZONTAL SCALE: 1" = 50'
VERTICAL SCALE: 1" = 5'



STORM SEWER - SYSTEM 200L
HORIZONTAL SCALE: 1" = 50'
VERTICAL SCALE: 1" = 5'



STORM SEWER - SYSTEM 200M
HORIZONTAL SCALE: 1" = 50'
VERTICAL SCALE: 1" = 5'



STORM SEWER - SYSTEM 200N
HORIZONTAL SCALE: 1" = 50'
VERTICAL SCALE: 1" = 5'

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Phone # (904) 791-4500
HASKELL

FAIRLIFE, LLC (SUBSIDIARY OF THE COCA-COLA COMPANY)

PROJECT IZZO

WEBSTER, NEW YORK

fairlife

No	DESCRIPTION	DATE
K	RCPI-PB	09/15/23
J	RCPI-PB	09/06/23
I	RCPI-PB	08/16/23
G	CPI-PB	07/11/23

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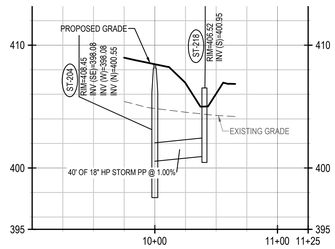
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CHECKED BY: JRH

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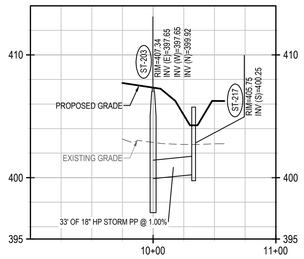
GRADING & DRAINAGE PROFLES

C-241
SHEET NUMBER

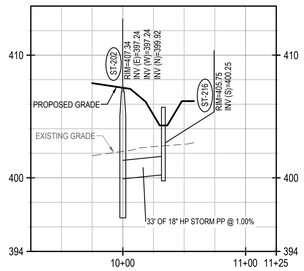
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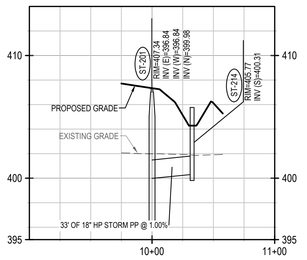
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VERTICAL SCALE: 1" = 5'



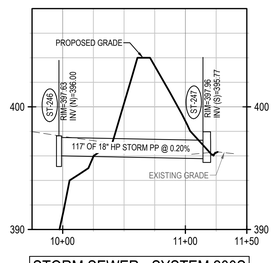
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VERTICAL SCALE: 1" = 5'



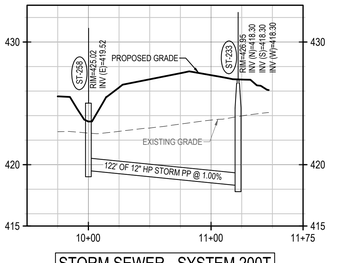
STORM SEWER - SYSTEM 200Q
HORIZONTAL SCALE: 1" = 50'
VERTICAL SCALE: 1" = 5'



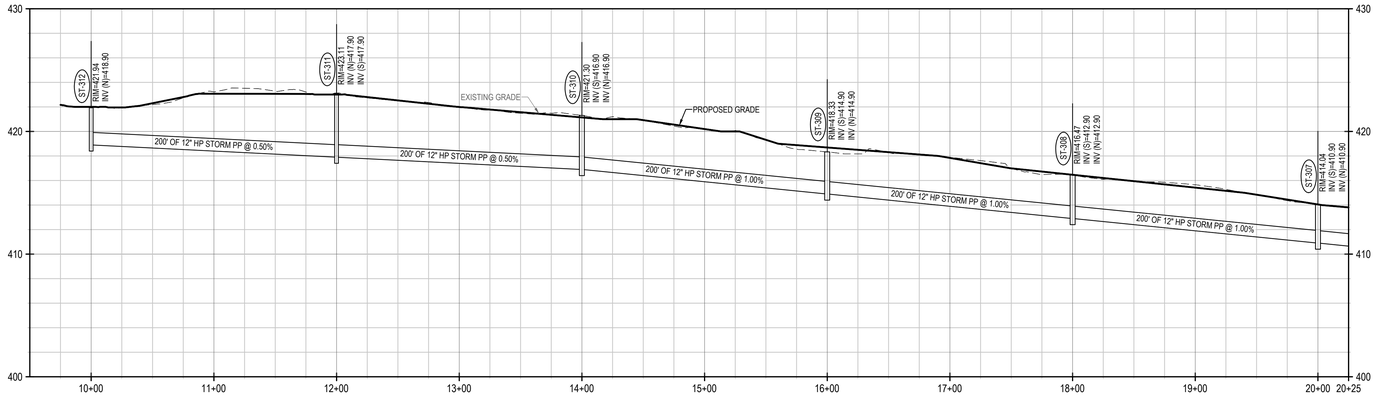
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VERTICAL SCALE: 1" = 5'



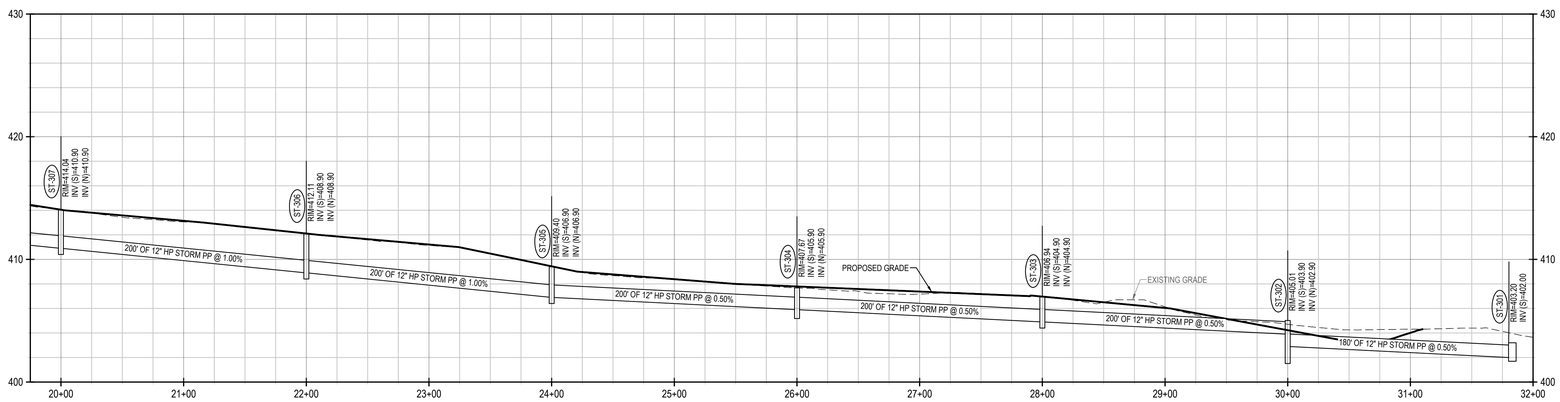
STORM SEWER - SYSTEM 200S
HORIZONTAL SCALE: 1" = 50'
VERTICAL SCALE: 1" = 5'



STORM SEWER - SYSTEM 200T
HORIZONTAL SCALE: 1" = 50'
VERTICAL SCALE: 1" = 5'



STORM SEWER - SYSTEM 300
HORIZONTAL SCALE: 1" = 50'
VERTICAL SCALE: 1" = 5'



STORM SEWER - SYSTEM 300
HORIZONTAL SCALE: 1" = 50'
VERTICAL SCALE: 1" = 5'

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Phone # (904) 791-4500

FAIRLIFE, LLC (SUBSIDIARY OF THE COCA-COLA COMPANY)

PROJECT IZZO

WEBSTER, NEW YORK

fairlife

No	DESCRIPTION	DATE
K	RCPI-PB	09/15/23
J	RCPI-PB	09/06/23
I	RCPI-PB	08/16/23
G	CPI-PB	07/11/23

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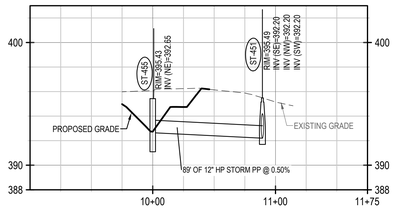
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RAE	JRH

AE JOB NUMBER
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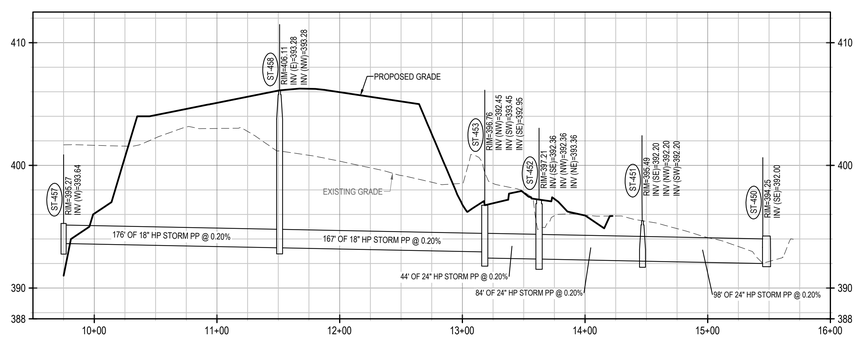
GRADING & DRAINAGE PROFILES

C-242
SHEET NUMBER

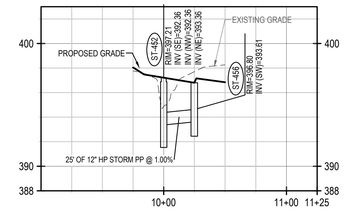
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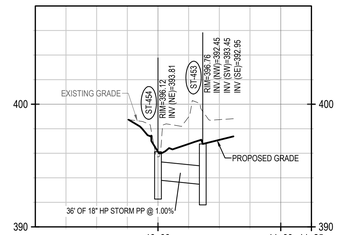
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VERTICAL SCALE: 1" = 5'



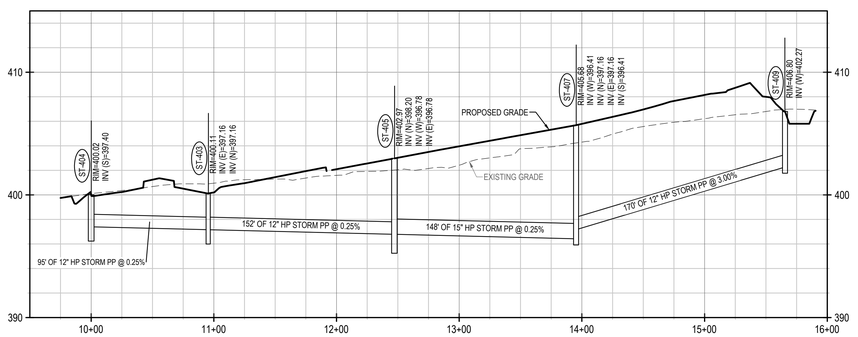
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VERTICAL SCALE: 1" = 5'



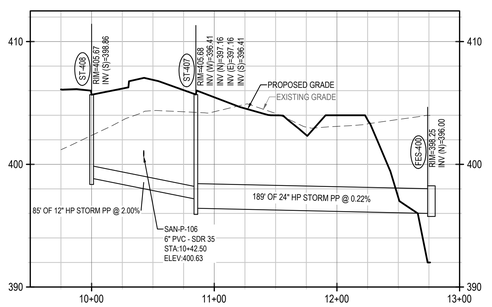
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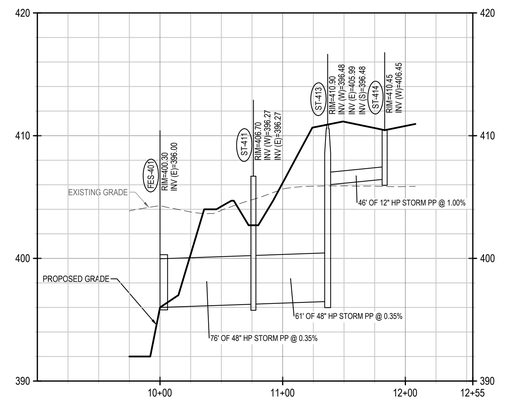
STORM SEWER - SYSTEM 400A4
HORIZONTAL SCALE: 1" = 50'
VERTICAL SCALE: 1" = 5'



STORM SEWER - SYSTEM 400B
HORIZONTAL SCALE: 1" = 50'
VERTICAL SCALE: 1" = 5'



STORM SEWER - SYSTEM 400C
HORIZONTAL SCALE: 1" = 50'
VERTICAL SCALE: 1" = 5'



STORM SEWER - SYSTEM 400D
HORIZONTAL SCALE: 1" = 50'
VERTICAL SCALE: 1" = 5'

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HASKELL

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PROJECT IZZO

WEBSTER, NEW YORK

fairlife

No	DESCRIPTION	DATE
K	RCPI-PB	09/15/23
J	RCPI-PB	09/06/23
I	RCPI-PB	08/16/23
G	CPI-PB	07/11/23

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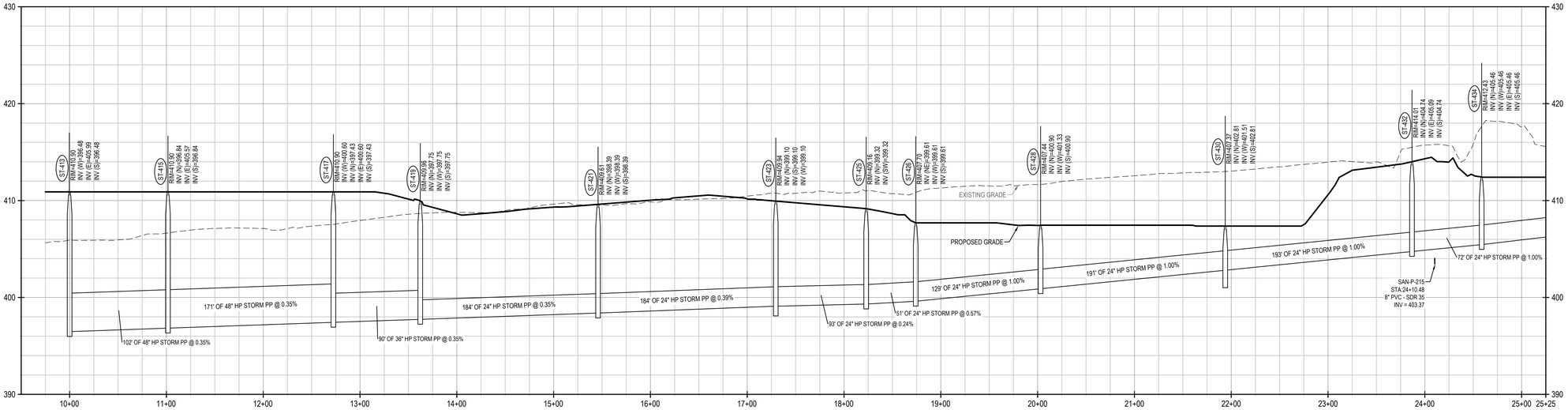
DRAWN BY:	CHECKED BY:
RAE	JRH

AE JOB NUMBER
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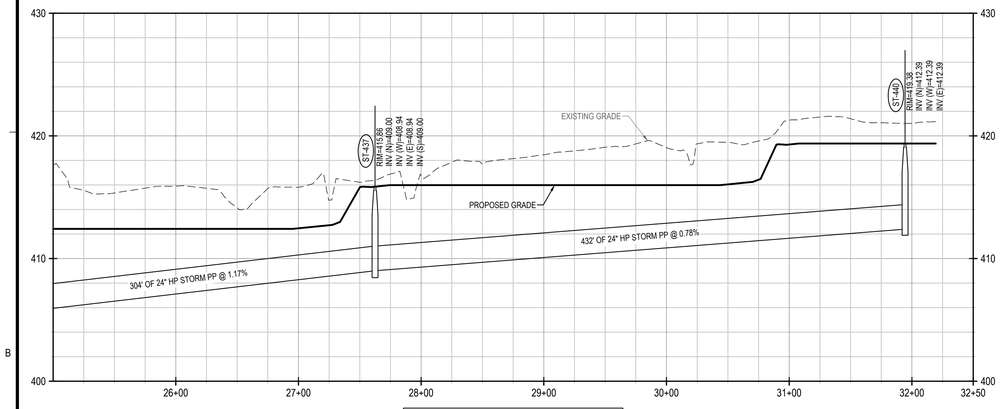
GRADING & DRAINAGE PROFILES

C-243
SHEET NUMBER

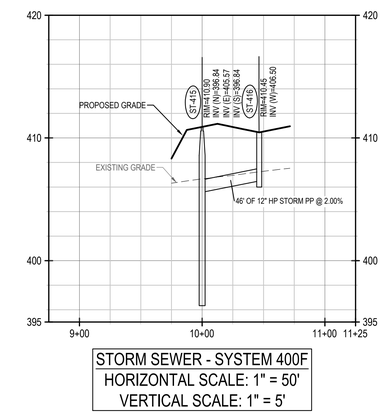
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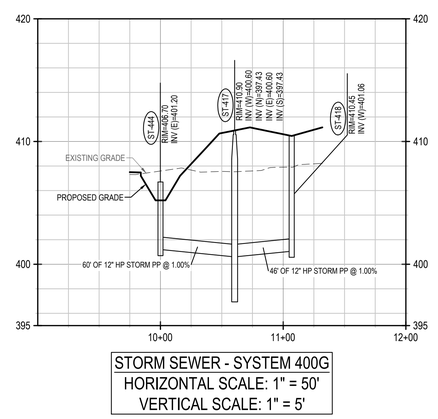
STORM SEWER - SYSTEM 400E
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VERTICAL SCALE: 1" = 5'



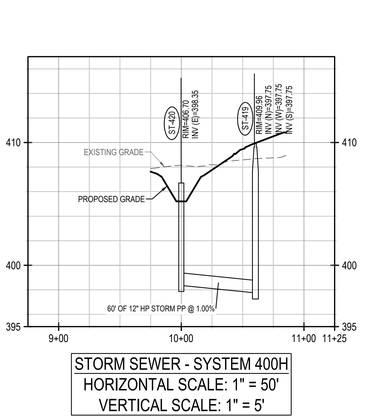
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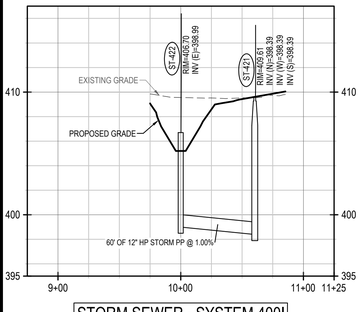
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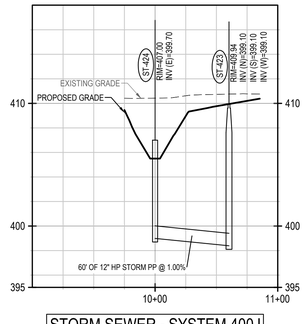
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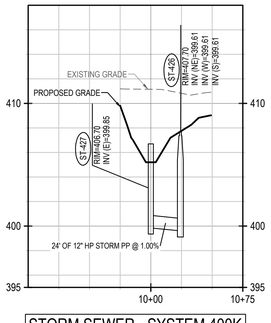
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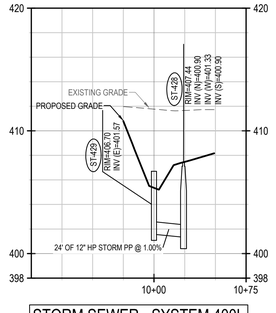
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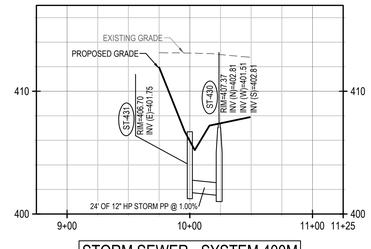
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VERTICAL SCALE: 1" = 5'



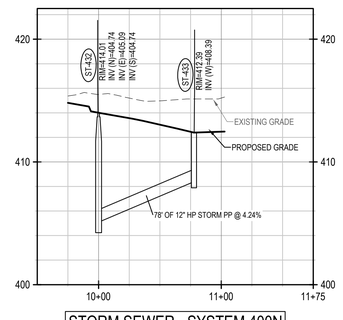
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HORIZONTAL SCALE: 1" = 50'
VERTICAL SCALE: 1" = 5'



STORM SEWER - SYSTEM 400M
HORIZONTAL SCALE: 1" = 50'
VERTICAL SCALE: 1" = 5'



STORM SEWER - SYSTEM 400N
HORIZONTAL SCALE: 1" = 50'
VERTICAL SCALE: 1" = 5'



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FAIRLIFE, LLC (SUBSIDIARY OF THE COCA-COLA COMPANY)

PROJECT IZZO

WEBSTER, NEW YORK

fairlife

No	DESCRIPTION	DATE
K	RCPI-PB	09/15/23
J	RCPI-PB	09/06/23
I	RCPI-PB	08/16/23
G	CPI-PB	07/11/23

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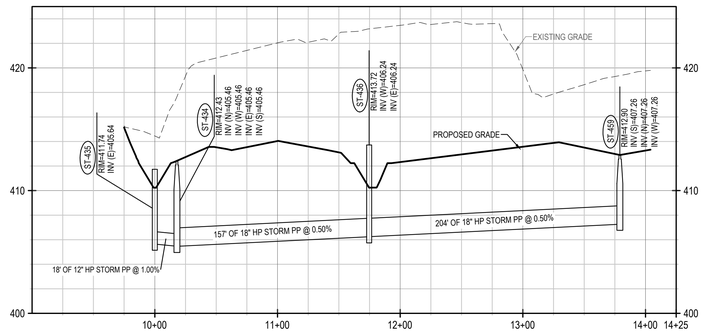
AE JOB NUMBER
3450044

GRADING & DRAINAGE PROFILES

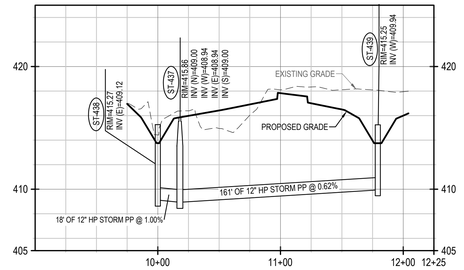
C-244
SHEET NUMBER

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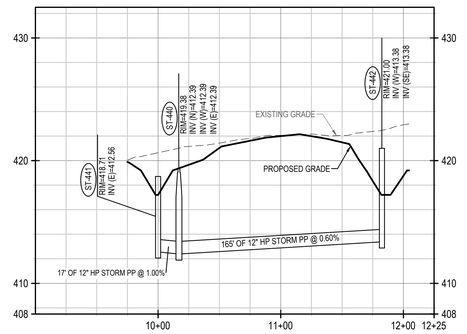
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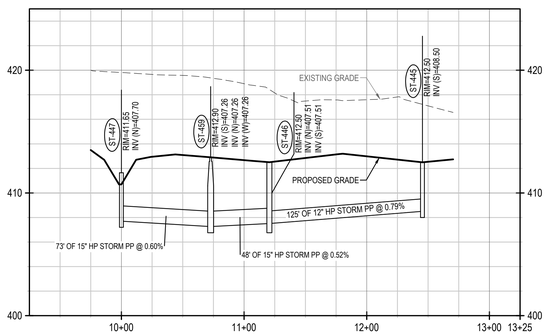
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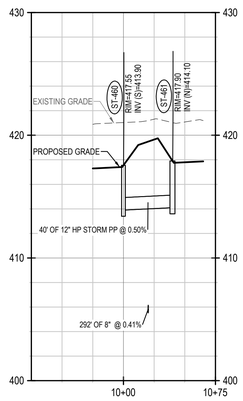
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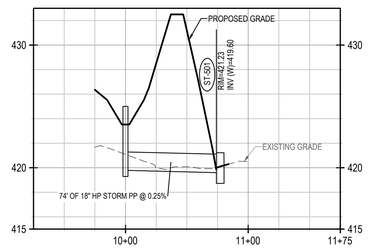
STORM SEWER - SYSTEM 400Q
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VERTICAL SCALE: 1" = 5'



STORM SEWER - SYSTEM 400R
HORIZONTAL SCALE: 1" = 50'
VERTICAL SCALE: 1" = 5'



STORM SEWER - SYSTEM 400S
HORIZONTAL SCALE: 1" = 50'
VERTICAL SCALE: 1" = 5'



STORM SEWER - SYSTEM 500A
HORIZONTAL SCALE: 1" = 50'
VERTICAL SCALE: 1" = 5'

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FAIRLIFE, LLC (SUBSIDIARY OF THE COCA-COLA COMPANY)

PROJECT IZZO

WEBSTER, NEW YORK

fairlife

No	DESCRIPTION	DATE
K	RCPI-PB	09/15/23
J	RCPI-PB	09/06/23
I	RCPI-PB	08/16/23
G	CPI-PB	07/11/23

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AE JOB NUMBER
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GRADING & DRAINAGE PROFILES

C-245
SHEET NUMBER

P:\345_Bev\3450044 Project Webster\21Design\Working\CIVIL\03 AutoCAD\03 Sheets\3450044201C-240.dwg Layout Name: C-245 Sep 15, 2023 - 4:27pm PLOTTED BY: rtetrod

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No	DESCRIPTION	DATE
K	RCPI-PB	09/15/23
J	RCPI-PB	09/06/23
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G	CPI-PB	07/11/23

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AE JOB NUMBER 3450044

UTILITY DETAILS

C-530
SHEET NUMBER

D1

DETAIL | NOT TO SCALE

NOTES:
1. 18" MIN. CLEARANCE REQUIRED FOR WATER & SEWER MAIN CROSSINGS, 12" MIN. CLEARANCE REQUIRED FOR OTHER UTILITIES CROSSINGS.
2. COAT TIE RODS WITH A COAL TAR ENAMEL AFTER ASSEMBLY (2 COATS MIN.).
3. TIE RODS MAY BE OMITTED WHEN OTHER APPROVED METHODS OF RESTRAINING ARE UTILIZED.

C1

UTILITY CROSSING DETAIL

DETAIL | NOT TO SCALE

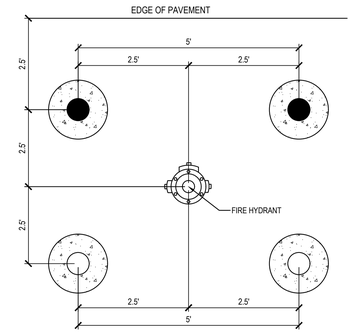
A1

DETAIL | NOT TO SCALE

D3

BOLLARD PLACEMENT AT FIRE HYDRANT DETAIL

DETAIL | NOT TO SCALE

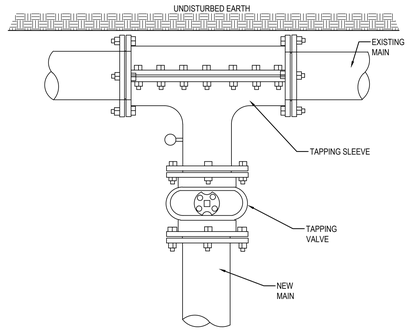


NOTES:
1. BOLLARDS SHALL NOT BE INSTALLED WHEN CURB IS PLACED BETWEEN THE HYDRANT AND THE EDGE OF PAVEMENT.

D4

TAPPING SLEEVE VALVE DETAIL

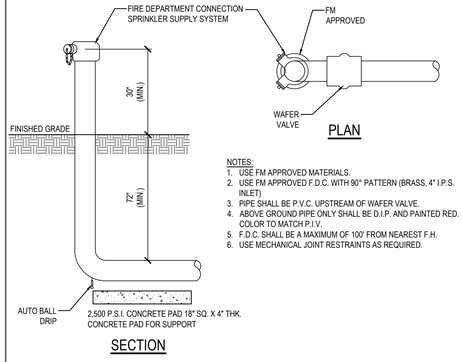
DETAIL | NOT TO SCALE



NOTES:
1. ALL BURIED GATE VALVES SHALL BE PROVIDED WITH A 2" SQUARE OPERATING NUT.
2. USE MECHANICAL JOINT RESTRAINERS AS REQUIRED.

D5

DETAIL | NOT TO SCALE

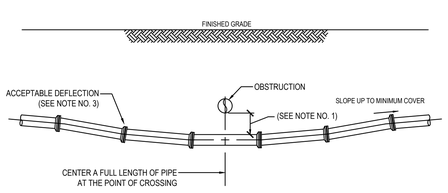


NOTES:
1. USE FM APPROVED MATERIALS.
2. USE FM APPROVED F.D.C. WITH 90° PATTERN (BRASS, 4" I.P.S. INLET)
3. PIPE SHALL BE P.V.C. UPSTREAM OF WAFER VALVE.
4. ABOVE GROUND PIPE ONLY SHALL BE D.I.P. AND PAINTED RED. COLOR TO MATCH P.I.V.
5. F.D.C. SHALL BE A MAXIMUM OF 100' FROM NEAREST F.H.
6. USE MECHANICAL JOINT RESTRAINTS AS REQUIRED.

C3

UTILITY CROSSING DEFLECTION DETAIL

DETAIL | NOT TO SCALE

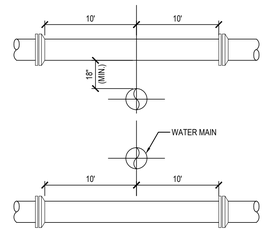


NOTES:
1. 18" MIN. CLEARANCE REQUIRED FOR WATER & SEWER MAIN, CROSSINGS 12" MIN. CLEARANCE REQUIRED FOR OTHER UTILITIES CROSSINGS.
2. THE DEFLECTION YPE CROSSING SHALL BE USED WHENEVER POSSIBLE ONLY UNDER SPECIFIC ORDERS BY THE ENGINEERS SHALL THE FITTING TYPE CROSSING BE ALLOWED.
3. CONSTRUCT CROSSING USING 75% OF MANUFACTURERS MAXIMUM JOIN DEFLECTION (MAXIMUM).

C4

UTILITY CROSSING GEN. REQS.

DETAIL | NOT TO SCALE

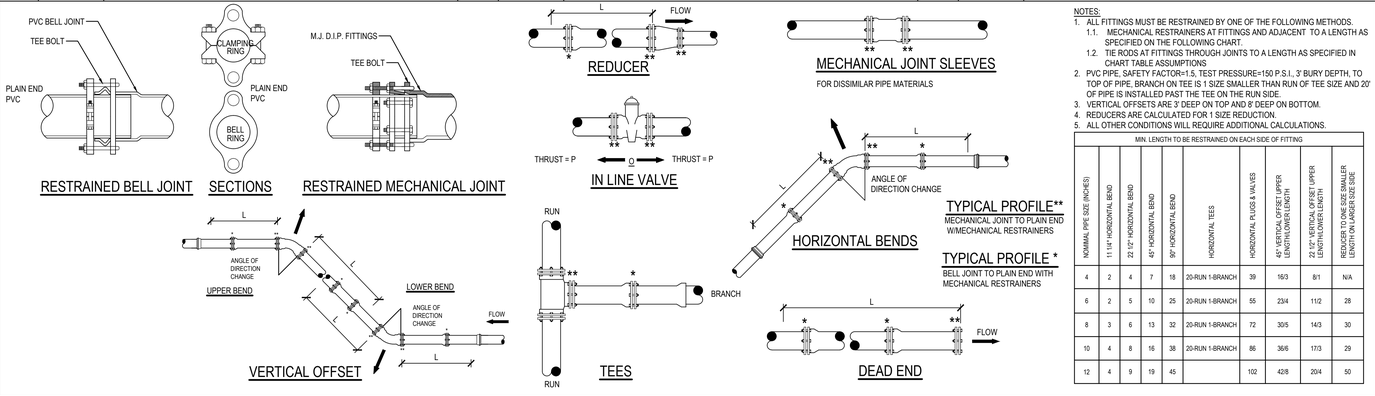


NOTES:
1. A WATER MAIN SHOULD CROSS OVER PIPES WHENEVER POSSIBLE MAINTAINING A 36" COVER FOR P.V.C.. 30" COVER FOR D.I.P. AND 18" MINIMUM SEPARATION.
2. WHENEVER A WATER MAIN CROSSES UNDER A SEWER MAIN, OR CROSSES OVER WITH LESS THAN 18" VERTICAL SEPARATION, THEN D.I.P. SHALL BE USED FOR BOTH PIPES FOR A DISTANCE OF 20' CENTERED ON THE CROSSING WITH NO JOINTS WITHIN 10' OF THE CROSSING.
3. 18" SEPARATION SHOULD BE MAINTAINED BETWEEN ALLPIPES (STORM, SEWER WATER) WHENEVER POSSIBLE. 12" IS THE ABSOLUTE MINIMUM SEPARATION WITH D.I.P. REQUIRED FOR ANY SEPARATION LESS THAN 18".
4. MAINTAIN 10' HORIZONTAL SEPARATION BETWEEN WATER AND SEWER AS A MINIMUM.
5. 3' HORIZONTAL CLEARANCE SHALL BE PROVIDED BETWEEN UTILITIES AND ANY OBSTRUCTIONS.
6. 5' HORIZONTAL CLEARANCE SHALL BE PROVIDED BETWEEN UTILITIES AND TREES.

C5

FIRE DEPARTMENT CONNECTION

DETAIL | NOT TO SCALE



NOTES:
1. ALL FITTINGS MUST BE RESTRAINED BY ONE OF THE FOLLOWING METHODS.
   1.1. MECHANICAL RESTRAINERS AT FITTINGS AND ADJACENT TO A LENGTH AS SPECIFIED ON THE FOLLOWING CHART.
   1.2. TIE RODS AT FITTINGS THROUGH JOINTS TO A LENGTH AS SPECIFIED IN CHART TABLE ASSUMPTIONS
2. PVC PIPE, SAFETY FACTOR=1.5, TEST PRESSURE=150 P.S.I., 3' BURY DEPTH, TO TOP OF PIPE, BRANCH ON TEE IS 1 SIZE SMALLER THAN RUN OF TEE SIZE AND 20' OF PIPE IS INSTALLED PAST THE TEE ON THE RUN SIDE.
3. VERTICAL OFFSETS ARE 3' DEEP ON TOP AND 8' DEEP ON BOTTOM.
4. REDUCERS ARE CALCULATED FOR 1 SIZE REDUCTION.
5. ALL OTHER CONDITIONS WILL REQUIRE ADDITIONAL CALCULATIONS.

MIN. LENGTH TO BE RESTRAINED ON EACH SIDE OF FITTING

NOMINAL PIPE SIZE (INCHES)	11 1/4° HORIZONTAL BEND	22 1/2° HORIZONTAL BEND	45° HORIZONTAL BEND	90° HORIZONTAL BEND	HORIZONTAL TEES	HORIZONTAL PLUGS & VALVES	45° VERTICAL OFFSET UPPER LENGTH/LOWER LENGTH	22 1/2° VERTICAL OFFSET UPPER LENGTH/LOWER LENGTH	REDUCER TO ONE SIZE SMALLER LENGTH ON LARGER SIZE SIDE
4	2	4	7	18	20-RUN 1-BRANCH	39	16/3	8/1	N/A
6	2	5	10	25	20-RUN 1-BRANCH	55	23/4	11/2	28
8	3	6	13	32	20-RUN 1-BRANCH	72	30/5	14/3	30
10	4	8	16	38	20-RUN 1-BRANCH	86	36/6	17/3	29
12	4	9	19	45		102	42/8	20/4	50

B3

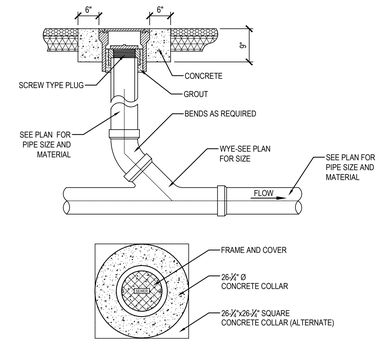
MECHANICAL RESTRAINT LENGTHS AND DETAILS (DOMESTIC WATER)

DETAIL | NOT TO SCALE

A3

INLINE SANITARY SEWER CLEANOUT DETAIL

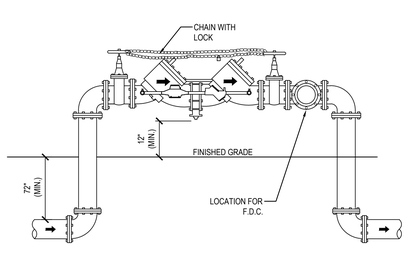
DETAIL | NOT TO SCALE



A4

D.D.C.B.F.P. WITH F.D.C.

DETAIL | NOT TO SCALE

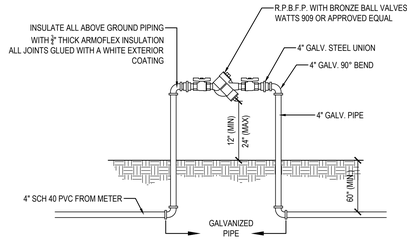


NOTES:
1. USE MECHANICAL JOINT RESTRAINERS AS REQUIRED.
2. PROVIDE FREEZE PROTECTION. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
3. VALVES SHALL BE CHAINED AND LOCKED IN THE OPEN POSITION

A5

REDUCED PRESSURE B.F.P. FOR SMALL MAINS

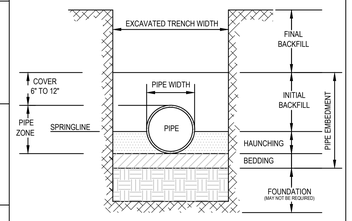
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XREF: 3450044201LOGO042.1.1 - \\Client\mwebster$\Desktop\CIVIL\03 AutoCAD\03 Sheets\3450044201C-530 Dwg Layout Name: C-531 Sep 15, 2023 - 4:31pm PLOTTED BY: rselrod

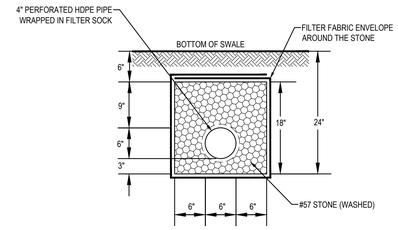
LOCATION	MATERIAL DESCRIPTION	MAX. LOOSE LIFT THICKNESS	TEST METHOD FOR MAX. DRY DENSITY	COMPACTION (*)	MOISTURE CONTENT (% POINTS)
PIPE BEDDING & HAUNCHING	On-site import material USCS Classification: CL, SP, SM, or other combinations thereof meeting the following criteria Max Dry Density ≥ 100pcF Plasticity Index (PI) ≤ 25 Liquid Limit (LL) ≤ 50	12 inches	Standard Proctor (ASTM D 698)	98%	± 2%
PIPE INITIAL BACKFILL	On-Site Material	12 inches	Standard Proctor (ASTM D 698)	95%	± 2%
PIPE FINAL BACKFILL (ABOVE PIPE TO SUBGRADE) IN NON-PAVEMENT AREAS	On-Site Material	12 inches	Standard Proctor (ASTM D 698)	95%	± 2%
PIPE FINAL BACKFILL (ABOVE PIPE TO SUBGRADE) IN PAVEMENT AREAS	SAME AS FOR PIPE BEDDING & HAUNCHING	12 inches	Standard Proctor (ASTM D 698)	98% (TOP 12")	± 2%



TRENCH CROSS-SECTION

GENERAL NOTES:

1. TESTING FREQUENCY IS IDENTIFIED IN PROJECT SPECIFICATION 312000 - EARTH MOVING, SECTION 3.20.
2. CHANGES TO THE ABOVE CRITERIA CAN ONLY BE MADE WITH APPROVAL OF ENGINEER



D1 DETAIL | NOT TO SCALE

D2 DETAIL | NOT TO SCALE

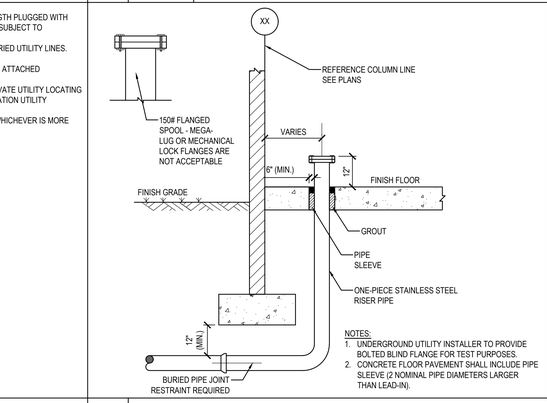
D3 SUMMARY OF TRENCH & BEDDING DETAIL (PRIVATE USE ONLY - NOT FOR PUBLIC IMPROVEMENTS)
DETAIL | NOT TO SCALE

D5 DETAIL||UNDERDRAIN DETAIL
DETAIL | NOT TO SCALE

UTILITY NOTES

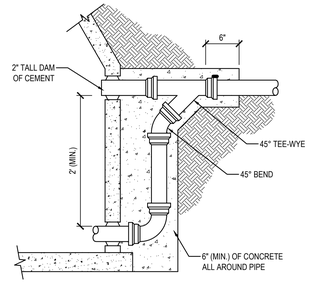
1. ALL GRAVITY FLOW SANITARY SEWER PIPE TO BE SDR 35 PVC PIPE FOR DEPTHS LESS THAN 10 FEET AND D.I.P. (ASTM A746) FOR DEPTHS EXCEEDING 10 FEET. D.I.P. SHALL BE USED UNDER ROADWAYS AND AT WATERLINE CROSSINGS.
2. ALL SITE FIRE PIPING SHALL BE D.I.P. AWWA C151, PRESSURE RATED CLASS 350 P.S.I. PIPE. 3. ALL D.I.P. WATER MAIN PIPE 4" AND LARGER TO BE AWWA C151, PRESSURE RATED CLASS 350 P.S.I. PIPE.
4. ALL PVC WATER MAIN PIPE 4" AND LARGER TO BE DR-18 PVC PRESSURE RATED CLASS 150, C-900 PIPE WITH D.I.P. M.J. FITTINGS.
5. ALL PVC PIPE SMALLER THAN 4" TO BE ASTM 1785 SCHEDULE 40 FOR 160 P.S.I.G.
6. ALL MECHANICAL JOINT FITTINGS FOR WATER MAIN SHALL BE PRESSURE RATED AT 250 P.S.I.
7. ALL MECHANICAL JOINT FITTINGS FOR FIRE MAIN SHALL BE PRESSURE RATED AT 350 P.S.I.
8. ALL D.I.P. SANITARY SEWER FORCE MAIN PIPE 4" AND LARGER TO BE AWWA C151 THICKNESS CLASS 50, PRESSURE RATED CLASS 350 P.S.I. PIPE.
9. ALL PVC SANITARY SEWER FORCE MAIN PIPE 4" AND LARGER TO BE DR-18 PVC PRESSURE RATED CLASS 150 C-900 PIPE WITH MECHANICAL JOINT FITTINGS.
10. PROTECT EXISTING UTILITIES TO REMAIN.
11. REPLACE DAMAGED UTILITIES WITH NEW UNDAMAGED ITEMS AT NO ADDITIONAL EXPENSE.
12. ADJUST RIMS OF EXISTING UTILITY STRUCTURES TO MATCH PRPOSED GRADES AFTER RESURFACING.
13. SHOP DRAWINGS WILL BE REQUIRED FOR THIS PROJECT.
14. RPZBFP AT SERVICE ENTRANCE INSIDE THE MECHANICAL ROOM FOR DOMESTIC WATER.
15. D.C.D.A. AT SERVICE ENTRANCE INSIDE THE MECHANICAL ROOM FOR FIRE.
16. WATER METER INSIDE THE BUILDIGN WITH REMOTE READING DEVICE OR PER LOCAL UTILITY PROVIDER.
17. PROVIDE A DUPLEX NON-CLOP SUBMERSIBLE PUMP STATION IN ACCORDANCE WITH UTILITY PROVIDER'S REQUIREMENTS (PRE-CAST OR FIBERGLASS), PUMP OUT BOX, PUMP CONNECTION AND EMERGENCY BYPASS, PUMPS ON A RAIL SYSTEM, ALL WEATHER GRAVEL ROAD ACCESS, FENCED AND GATED.
18. O AND M MANUALS AND TRAINING WILL BE REQUIRED FOR ALL UTILITY SYSTEMS.
19. PIV OUTSIDE THE BUILDING. COMPLIES WITH UL 789.
20. REMOVE EXISTING UTILITY STRUCTURES TO 3-FEET BELOW EXISTING OR NEW ADJACENT GRADES. BREAK UP BASES TO PERMIT DRAINAGE. FILL WITH CLEAN SAND.
21. FDC TO BE WALL MOUNTED. COMPLIES WITH UL405.
22. AS-BUILT INFORMATION WILL BE REQUIRED AT THE END OF THIS PROJECT TO INCLUDE ALL PIPE SIZES, PIPE FITTING LOCATIONS AND ELEVATIONS, AND MANHOLE LOCATIONS AND ELEVATIONS. PROVIDE THE SURVEY ON AN AS-BUILT VERSION OF CIVIL CAD DRAWINGS SIGNED AND SEALED BY A PROFESSIONAL SURVEYOR LICENSED IN THE STATE OF FLORIDA.
23. ALL ABANDONED PIPING SHALL BE REMOVED WITHIN 10-FEET OF ANY NEW FACILITY.
24. ALL PIPING TO BE ABANDONED SHALL BE ABANDONED IN PLACE WITH A MINIMUM OF 24" LENGTH PLUGGED WITH GROUT AT STRUCTURES. PIPING SHALL BE FILLED WITH FLOWABLE FILL UNDER PAVEMENTS SUBJECT TO POTENTIAL VEHICLE LOADINGS.
25. PROVIDE PLASTIC TAPE MANUFACTURED SPECIFICALLY FOR WARNING AND IDENTIFYING BURIED UTILITY LINES. USE TRACE WIRE AS REQUIRED.
26. ALL WORK TO BE DONE IN ACCORDANCE WITH LOCAL STANDARDS AND SPECIFICATIONS AND ATTACHED SPECIFICATIONS WHICHEVER IS MORE STRINGENT.
27. ALL UNDERGROUND UTILITIES IN THE WORK AREA MUST BE POSITIVELY IDENTIFIED BY A PRIVATE UTILITY LOCATING SERVICE IN ADDITION TO ANY STATION LOCATING SERVICE AND COORDINATED WITH THE STATION UTILITY DEPARTMENT.
28. GAS DISTRIBUTION SYSTEM TO MEET STATE AND LOCAL STANDARDS AND SPECIFICATIONS WHICHEVER IS MORE STRINGENT.
29. SEE RFP FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

C1 UTILITY PRICING NOTES
DETAIL | NOT TO SCALE



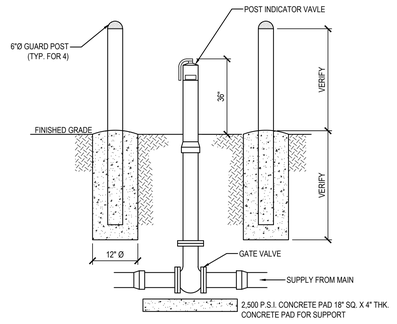
NOTES:
1. UNDERGROUND UTILITY INSTALLER TO PROVIDE BOLTED BLIND FLANGE FOR TEST PURPOSES.
2. CONCRETE FLOOR PAVEMENT SHALL INCLUDE PIPE SLEEVE (2 NOMINAL PIPE DIAMETERS LARGER THAN LEAD-IN).

C3 FIRE LEAD-IN ASSEMBLY DETAIL
DETAIL | NOT TO SCALE

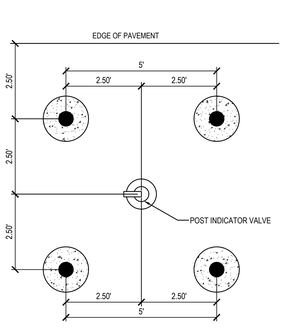


C4 SANITARY SEWER OUTSIDE DROP MANHOLE
DETAIL | NOT TO SCALE

C5 DETAIL
DETAIL | NOT TO SCALE

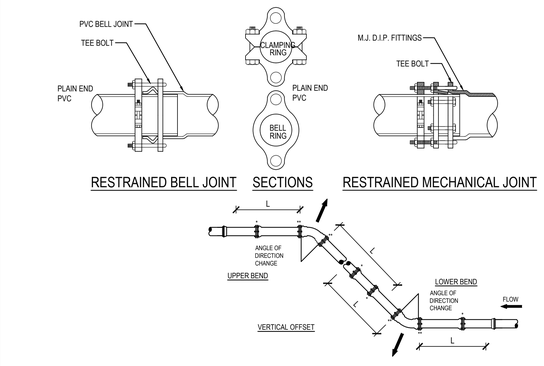


NOTES:
1. USE MECHANICAL JOINT RESTRAINERS AS REQUIRED.
2. PROVIDE TAMPER SWITCH.



PLAN

B1 POST INDICATOR VALVE INSTALLATION DETAIL
DETAIL | NOT TO SCALE

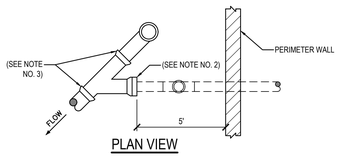


NOTES:
1. ALL FITTINGS MUST BE RESTRAINED BY ONE OF THE FOLLOWING METHODS
   1.1. MECHANICAL RESTRAINERS AT FITTINGS AND AT ADJACENT JOINT TO A LENGTH AS SPECIFIED ON FOLLOWING CHART.
   1.2. TIE RODS AT FITTINGS THROUGH JOINTS TO A LENGTH AS SPECIFIED IN CHART. TABLE ASSUMPTIONS:
      1.2.1. PVC PIPE, SAFETY FACTOR = 1.5
      1.2.2. TEST PRESSURE = 200 PSI
      1.2.3. 3 FOOT BURY DEPTH TO TOP OF PIPE.
   1.3. BRANCH ON TEE IS ONE SIZE SMALLER THAN RUN OF TEE SIZE AND 20 FEET OF PIPE IS INSTALLED PAST THE TEE ON THE RUN SIDE.
2. VERTICAL OFFSETS ARE 3 FEET DEEP ON TOP AND 8 FEET DEEP ON BOTTOM.
3. REDUCERS ARE CALCULATED FOR ONE SIZE REDUCTION.
4. ALL OTHER CONDITIONS WILL REQUIRE ADDITIONAL CALCULATIONS

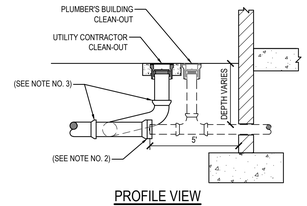
MIN. LENGTH TO BE RESTRAINED ON EACH SIDE OF FITTING

NOMINAL PIPE SIZE (INCHES)	11 1/4° HORIZONTAL BEND	22 1/2° HORIZONTAL BEND	45° HORIZONTAL BEND	90° HORIZONTAL BEND	HORIZONTAL TEES	HORIZONTAL PLUGS & VALVES	45° VERTICAL OFFSET UPPER LENGTH/LOWER LENGTH	22 1/2° VERTICAL OFFSET UPPER LENGTH/LOWER LENGTH	REDUCED TO THE SIZE SMALLER LENGTH ON LARGER SIZE SHOWN
4	2	4	7	18	20-RUN 1-BRANCH	39	16/3	8/1	N/A
6	2	5	10	25	20-RUN 1-BRANCH	55	23/4	11/2	28
8	3	6	13	32	20-RUN 1-BRANCH	72	30/5	14/3	30
10	4	8	16	38	20-RUN 1-BRANCH	86	36/6	17/3	29
12	4	9	19	45		102	42/8	20/4	50

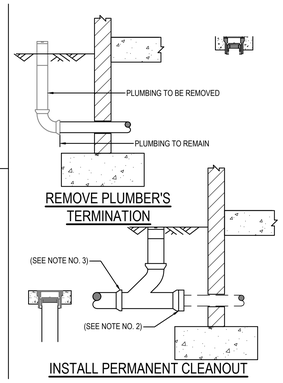
B3 MECHANICAL RESTRAINT LENGTHS AND DETAILS (FIRE MAIN)
DETAIL | NOT TO SCALE



PLAN VIEW

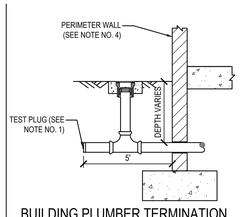


PROFILE VIEW



REMOVE PLUMBER'S TERMINATION

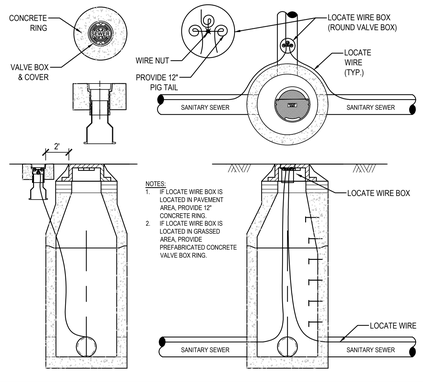
INSTALL PERMANENT CLEANOUT



BUILDING PLUMBER TERMINATION

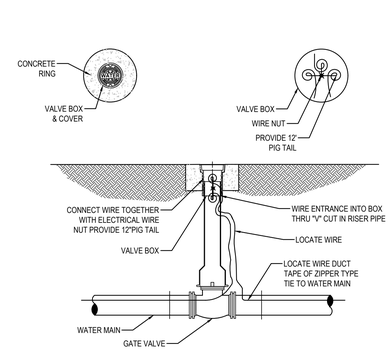
NOTES:
1. UNDERGROUND UTILITY CONTRACTOR SHALL REMOVE PLUMBER'S TEST PLUG.
2. UTILITY CONTRACTOR SHALL PROVIDE COUPLING ADAPTOR.
3. UTILITY CONTRACTOR SHALL INSTALL ADDITIONAL CLEAN-OUT FIXTURE FOR ALL RUNS AT ANGULAR DEPARTURE. A UTILITY CONTRACTOR CLEANOUT IS NOT NECESSARY FOR STRAIGHT RUNS OF PIPE.
4. PLUMBER TO INSTALL TWO-WAY CLEAN-OUT AT BUILDING PERIMETER

A1 SANITARY SEWER TERMINATION DETAIL
DETAIL | NOT TO SCALE



NOTES:
1. IF LOCATE WIRE BOX IS LOCATED IN PAVEMENT AREA, PROVIDE 12" CONCRETE RING.
2. IF LOCATE WIRE BOX IS LOCATED IN GRASSED AREA, PROVIDE PREFABRICATED CONCRETE VALVE BOX RING.

A3 LOCATE WIRE BOX FOR SEWER
DETAIL | NOT TO SCALE



A4 LOCATE WIRE TERMINATION AT VALVE BOX
DETAIL | NOT TO SCALE

A4 DETAIL
DETAIL | NOT TO SCALE

JOSHUA R. HAASEN, P.E.
STATE OF FLORIDA
JOSHUA R. HAASEN
LICENSE NUMBER
76322
LICENSED PROFESSIONAL ENGINEER
REG. NO. 76322

HASKELL ARCHITECTS AND ENGINEERS, P.A. P.C.
NEW YORK - Engineering # 080447
HASKELL
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Jacksonville, Florida 32202
Phone # (904) 791-4500

FAIRLIFE, LLC (SUBSIDIARY OF THE COCA-COLA COMPANY)

PROJECT IZZO

WEBSTER, NEW YORK

No	DESCRIPTION	DATE
K	RCPI-PB	09/15/23
J	RCPI-PB	09/06/23
I	RCPI-PB	08/16/23
G	CPI-PB	07/11/23

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DRAWN BY: MSL | CHECKED BY: JRH

AE JOB NUMBER 3450044

UTILITY DETAILS

C-531
SHEET NUMBER

P:\345_Bev\3450044 Project Webster'21\Design\Working\CIVIL\03 AutoCAD\03 Sheets\3450044201C-530 Dwg Layout Name: C-531 Sep 15, 2023 - 4:31pm PLOTTED BY: rselrod

BASIS OF DESIGN:

1. THE PROCESS LIFT STATION WETWELL WILL A 10' DIA. CONCRETE WETWELL WITH SPECTRASHEILD COATING.
2. ALL PIPING AND FITTINGS SHALL BE STAINLESS STEEL
3. THE LIFT STATION WILL HAVE TWO (2) PUMPS AND WILL GENERALLY OPERATE WITH A LEAD / LAG OPERATION.
4. THE PUMPS WILL ALTERNATE TO ENSURE EQUAL OPERATION OF THE PUMPS
5. PUMPS SHALL BE GORMAN-RUPP ABOVEGROUND SUCTION LIFT PUMPS IN A HEATED ENCLOSURE.
6. THE DISCHARGE RATE FROM THE LIFT STATION WILL BE APPROXIMATELY 1,500 GPM BUT IS SUBJECT TO CHANGE BASED ON THE FINAL PROCESS DESIGN.

A1 PROCESS SEWER LIFT STATION: PSLS-01 (PENDING FINAL DESIGN)

DETAIL | NOT TO SCALE

JOSHUA R. HAUSH, P.E.
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LICENSED PROFESSIONAL ENGINEER
REG. NO. 96322

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FAIRLIFE, LLC (SUBSIDIARY OF THE COCA-COLA COMPANY)

PROJECT IZZO

WEBSTER, NEW YORK

fairlife

No	DESCRIPTION	DATE
K	RCPI-PB	09/15/23
J	RCPI-PB	09/06/23
I	RCPI-PB	08/16/23
G	CPI-PB	07/11/23

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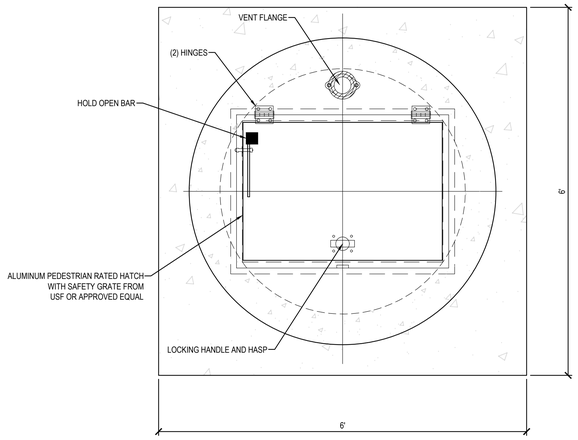
DRAWN BY:	CHECKED BY:
MSL	JRH

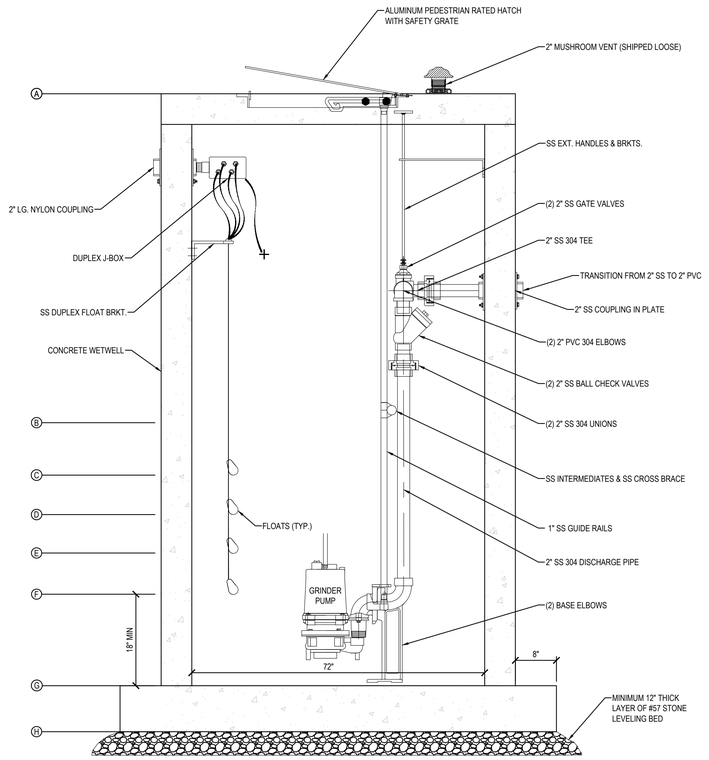
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3450044

UTILITY DETAILS

C-532
SHEET NUMBER

XREF: 3450044201LOD00042.dwg, 3450044201C-530.dwg, 3450044201C-540.dwg, 3450044201C-541.dwg, 3450044201C-542.dwg
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NOTES:

1. OIL FILLED MOTOR DESIGN FOR SEWAGE APPLICATION WITH EITHER NEMA B OR NEMA F INSULATION VALUES .
2. ALUMINUM HATCH SHALL BE REINFORCED FOR 300 LBS/FT LOAD RATING WITH HOLD OPEN SAFETY ARM, LOCKING DEVICE, AND STAINLESS STEEL HARDWARE, AND SAFETY GRATE.
3. BASIN ASSEMBLY TO INCLUDE SS DISCHARGE PIPING.
4. THE FOLLOWING COMPONENTS SHALL BE 304 STAINLESS STEEL: GUIDE RAILS, UPPER GUIDE RAIL BRACKETS, CABLE RACK, AND LIFTING CHAINS.
5. FLOAT SWITCHES SHALL BE MANUFACTURED BY ANCHOR SCIENTIFIC OR APPROVED EQUAL.
6. CONTRACTOR SHALL FURNISH LIBERTY SUBMERSIBLE GRINDER PUMPS AS SPECIFIED HEREIN.
7. THE SUBMERSIBLE PUMP SHALL BE CAPABLE OF HANDLING SEWAGE AND GRINDING IT INTO FINE SLURRY ENABLING IT TO BE PUMPED OVER LONG DISTANCES IN PIPELINES AS SMALL AS 1.25" DIAMETER. THE PUMP SHALL BE BI-DIRECTIONAL AS TO ALLOW THE MOTOR TO OPERATE IN EITHER DIRECTION THEREBY ENABLING THE CUTTER BLADES TO CHANGE THEIR ROTATION DIRECTION WITH EACH DUTY CYCLE. THIS ACTION INITIATED BY THE CONTROL PANEL WILL EXTEND THE EFFECTIVE SERVICE LIFE OF THE CUTTER MECHANISM PLUS ELIMINATE CLOGS AND JAMS IN THE PUMP HOUSING. SINGLE DIRECTION DESIGNS SHALL NOT BE CONSIDERED EQUAL.

LIFT STATION ELEVATIONS:

LIFT STATION	SANLS-02
A - TOP OF STRUCTURE	412.60'
B - INFLUENT PIPE ELEV.	8" = 395.10'
C - HIGH WATER ALARM	394.10'
D - SECONDARY "PUMP ON"	393.10'
E - PRIMARY "PUMP ON"	392.10'
F - PUMPS OFF	390.21'
G - SUMP ELEV.	388.71'
H - BOTTOM ELEV.	388.04'
TOTAL WETWELL DEPTH	24.56' (294.72")

PUMP DATA:

LIFT STATION	SANLS-02
MANUFACTURER	LIBERTY
MODEL	XLE100 SERIES
NO. OF PUMPS (DUTY/STANDBY)	2 (1 / 1)
PUMP DISCHARGE	2.00"
PUMP SUCTION	SUBMERSIBLE
DESIGN POINT (GPM) @ TDH (FT)	98 GPM @ 27'
MOTOR SPEED (RPM)	3,450
MOTOR HORSEPOWER (HP)	1.00 HP
ELECTRICAL PHASE/VOLTS	1 / 208-230
IMPELLER SIZE (IN)	GRINDER (PER SUPPLIER)

CONTROL PANEL PER DEP REQUIREMENTS:

1. CONTROL PANEL TO INCLUDE LIGHTNING ARRESTOR OR SURGE PROTECTOR IN ACCORDANCE WITH F.A.C. CHAPTER 62-604.400(2)(b).
2. BATTERY BACKUP ON H.W.A. WITH MANUAL RESET.
3. A PHASE MONITOR SHALL BE SUPPLIED FOR 3 PHASE SERVICE.
4. CONTACTORS AND OVERLOADS SHALL BE RATED PER IEC STANDARDS AND PROPERLY SIZED PER THE MOTOR REQUIREMENTS. CONTACTORS SHALL PROVIDE FOR SAFE TOUCH POWER AND CONTROL TERMINALS.
5. GREEN PILOT LIGHTS SHALL ILLUMINATE EACH TIME THE MOTOR IS RUNNING.
6. THE CONTROL PANEL SHALL INCLUDE A LIGHT AND SIREN FOR THE HIGH WATER ALARM.
7. EACH PUMP SHALL HAVE AN ELAPSED TIME METER TO RECORD ACCUMULATED RUN TIME.
8. A DUPLEX GFI RECEPTACLE SHALL BE SUPPLIED AND MOUNTED ON THE INNER DOOR.

ANTI-FLOATION CALCULATION:

	Bottom Slab:	Tank:	Wet Well:	Top Slab:
height:	0.83 ft	23.89 ft	22.39 ft	0.67 ft
radius:	4.34 ft	3.67 ft	3.00 ft	3.67 ft

water pcf =	62.4 pcf
concrete pcf =	150 pcf
soil pcf (saturated) =	50 pcf

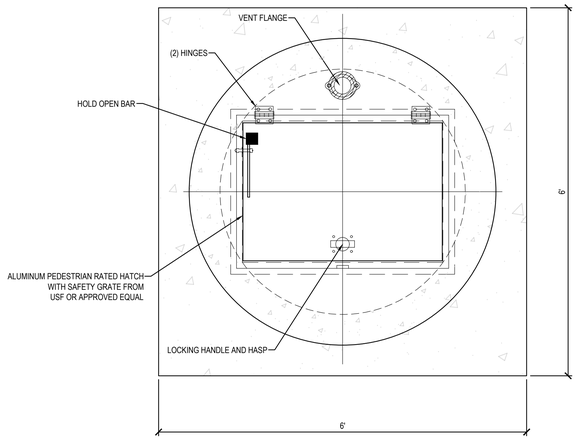
Weight of Water Displaced	66113 lbs
Volume of Structure	392 sqft
Weight of Structure	58744 lbs
Volume of Soil	377 sqft
Weight of Soil	18866 lbs
Total Weight of Structure	77611 lbs

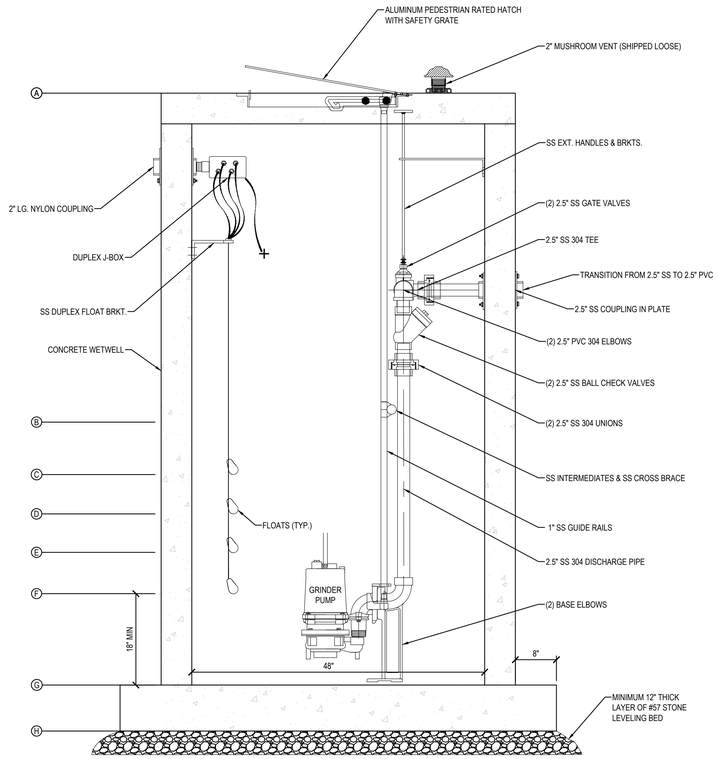
Total Weight of Structure > Weight of Water Displaced. PASS/FAIL

77611 > 66113

C1 MAIN SANITARY SEWER LIFT STATION: SANLS-02

DETAIL | NOT TO SCALE





NOTES:

1. OIL FILLED MOTOR DESIGN FOR SEWAGE APPLICATION WITH EITHER NEMA B OR NEMA F INSULATION VALUES .
2. ALUMINUM HATCH SHALL BE REINFORCED FOR 300 LBS/FT LOAD RATING WITH HOLD OPEN SAFETY ARM, LOCKING DEVICE, AND STAINLESS STEEL HARDWARE, AND SAFETY GRATE.
3. BASIN ASSEMBLY TO INCLUDE SS DISCHARGE PIPING.
4. THE FOLLOWING COMPONENTS SHALL BE 304 STAINLESS STEEL: GUIDE RAILS, UPPER GUIDE RAIL BRACKETS, CABLE RACK, AND LIFTING CHAINS.
5. FLOAT SWITCHES SHALL BE MANUFACTURED BY ANCHOR SCIENTIFIC OR APPROVED EQUAL.
6. CONTRACTOR SHALL FURNISH LIBERTY SUBMERSIBLE GRINDER PUMPS AS SPECIFIED HEREIN.
7. THE SUBMERSIBLE PUMP SHALL BE CAPABLE OF HANDLING SEWAGE AND GRINDING IT INTO FINE SLURRY ENABLING IT TO BE PUMPED OVER LONG DISTANCES IN PIPELINES AS SMALL AS 1.25" DIAMETER. THE PUMP SHALL BE BI-DIRECTIONAL AS TO ALLOW THE MOTOR TO OPERATE IN EITHER DIRECTION THEREBY ENABLING THE CUTTER BLADES TO CHANGE THEIR ROTATION DIRECTION WITH EACH DUTY CYCLE. THIS ACTION INITIATED BY THE CONTROL PANEL WILL EXTEND THE EFFECTIVE SERVICE LIFE OF THE CUTTER MECHANISM PLUS ELIMINATE CLOGS AND JAMS IN THE PUMP HOUSING. SINGLE DIRECTION DESIGNS SHALL NOT BE CONSIDERED EQUAL.

LIFT STATION ELEVATIONS:

LIFT STATION	SANLS-01
A - TOP OF STRUCTURE	406.48'
B - INFLUENT PIPE ELEV.	4" = 398.60' / 6" = 403.50
C - HIGH WATER ALARM	397.60'
D - SECONDARY "PUMP ON"	396.60'
E - PRIMARY "PUMP ON"	395.60'
F - PUMPS OFF	391.90'
G - SUMP ELEV.	390.40'
H - BOTTOM ELEV.	389.73'
TOTAL WETWELL DEPTH	16.75' (201")

PUMP DATA:

LIFT STATION	SANLS-01
MANUFACTURER	LIBERTY
MODEL	XLE100 SERIES
NO. OF PUMPS (DUTY/STANDBY)	2 (1 / 1)
PUMP DISCHARGE	2.00"
PUMP SUCTION	SUBMERSIBLE
DESIGN POINT (GPM) @ TDH (FT)	58 GPM @ 34'
MOTOR SPEED (RPM)	3,450
MOTOR HORSEPOWER (HP)	1.00 HP
ELECTRICAL PHASE/VOLTS	1 / 208-230
IMPELLER SIZE (IN)	GRINDER (PER SUPPLIER)

CONTROL PANEL PER DEP REQUIREMENTS:

1. CONTROL PANEL TO INCLUDE LIGHTNING ARRESTOR OR SURGE PROTECTOR IN ACCORDANCE WITH F.A.C. CHAPTER 62-604.400(2)(b).
2. BATTERY BACKUP ON H.W.A. WITH MANUAL RESET.
3. A PHASE MONITOR SHALL BE SUPPLIED FOR 3 PHASE SERVICE.
4. CONTACTORS AND OVERLOADS SHALL BE RATED PER IEC STANDARDS AND PROPERLY SIZED PER THE MOTOR REQUIREMENTS. CONTACTORS SHALL PROVIDE FOR SAFE TOUCH POWER AND CONTROL TERMINALS.
5. GREEN PILOT LIGHTS SHALL ILLUMINATE EACH TIME THE MOTOR IS RUNNING.
6. THE CONTROL PANEL SHALL INCLUDE A LIGHT AND SIREN FOR THE HIGH WATER ALARM.
7. EACH PUMP SHALL HAVE AN ELAPSED TIME METER TO RECORD ACCUMULATED RUN TIME.
8. A DUPLEX GFI RECEPTACLE SHALL BE SUPPLIED AND MOUNTED ON THE INNER DOOR.

ANTI-FLOATION CALCULATION:

	Bottom Slab:	Tank:	Wet Well:	Top Slab:
height:	0.67 ft	16.08 ft	14.74 ft	0.67 ft
radius:	3.34 ft	2.67 ft	2.00 ft	2.67 ft

water pcf =	62.4 pcf
concrete pcf =	150 pcf
soil pcf (saturated) =	50 pcf

Weight of Water Displaced	23928 lbs
Volume of Structure	183 sqft
Weight of Structure	27496 lbs
Volume of Soil	186 sqft
Weight of Soil	9320 lbs
Total Weight of Structure	36816 lbs

Total Weight of Structure > Weight of Water Displaced. PASS/FAIL

36816 > 23928

A1 GUARDHOUSE LIFT STATION: SANLS-01

DETAIL | NOT TO SCALE

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STATE OF NEW YORK
R. HAGEN
098368
LICENSED PROFESSIONAL ENGINEER
REG. NO. 98368

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HASKELL

FAIRLIFE, LLC (SUBSIDIARY OF THE COCA-COLA COMPANY)

PROJECT IZZO

WEBSTER, NEW YORK

fairlife

No	DESCRIPTION	DATE
K	RCPI-PB	09/15/23
J	RCPI-PB	09/06/23
I	RCPI-PB	08/16/23
G	CPI-PB	07/11/23

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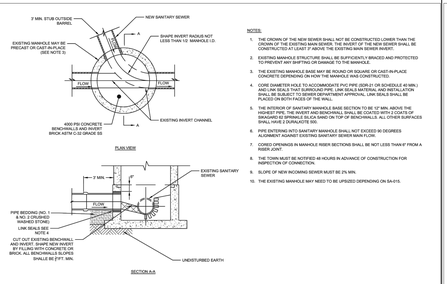
AE JOB NUMBER 3450044

UTILITY DETAILS

C-533 SHEET NUMBER

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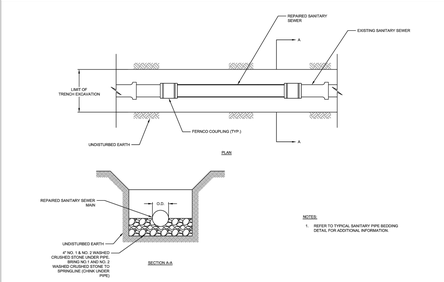


NOTES:

1. THE CROWN OF THE NEW SEWER SHALL NOT BE CONSTRUCTED LOWER THAN THE CROWN OF THE EXISTING MAIN SEWER. THE INVERT OF THE NEW SEWER SHALL BE CONSTRUCTED AT LEAST 2' ABOVE THE EXISTING MAIN SEWER INVERT.
2. EXISTING MANHOLE STRUCTURE SHALL BE SUFFICIENTLY BRACED AND PROTECTED TO PREVENT ANY SHIFTING OR DAMAGE TO THE MANHOLE.
3. THE EXISTING MANHOLE BASE MAY BE ROUND OR SQUARE OR CAST-IN-PLACE CONCRETE DEPENDING ON HOW THE MANHOLE WAS CONSTRUCTED.
4. CORE DIAMETER HOLE TO ACCOMMODATE PVC PIPE (SDR-21 OR SCHEDULE 40 MIN.) AND LINK SEALS THAT SURROUND PIPE. LINK SEALS MATERIAL AND INSTALLATION SHALL BE SUBJECT TO SEWER DEPARTMENT APPROVAL. LINK SEALS SHALL BE PLACED ON BOTH FACES OF THE WALL.
5. THE INTERIOR OF SANITARY MANHOLE BASE SECTION TO BE 12" MIN. ABOVE THE HIGHEST PIPE. THE INVERT AND BENCHWALL SHALL BE SMOOTH AND SHALL BE SHAPED TO ALLOW SMOOTH FLOW. ALL OTHER SURFACES SHALL BE GRAGARD 62 EPOXY RESIN PROTECTIVE EPOXY COATING OR APPROVED EQUAL.
6. PIPE ENTERING INTO SANITARY MANHOLE SHALL NOT EXCEED 90 DEGREES ALIGNMENT AGAINST EXISTING SANITARY SEWER MAIN FLOW.
7. CORED OPENINGS IN MANHOLE RISER SECTIONS SHALL BE NOT LESS THAN 6" FROM A RISER JOINT.
8. THE TOWN MUST BE NOTIFIED 48 HOURS IN ADVANCE OF CONSTRUCTION FOR INSPECTION OF CONNECTION.
9. SLOPE OF NEW INCOMING SEWER MUST BE 2% MIN.
10. THE EXISTING MANHOLE MAY NEED TO BE UPSIZED DEPENDING ON SA-015.

SANITARY SEWER CONNECTION TO EXISTING MANHOLE
SCALE: N.T.S.
FEBRUARY 2023
SA-016

D1 TOW: SANITARY SEWER CONNECTION TO EXISTING MANHOLE
DETAIL | NOT TO SCALE

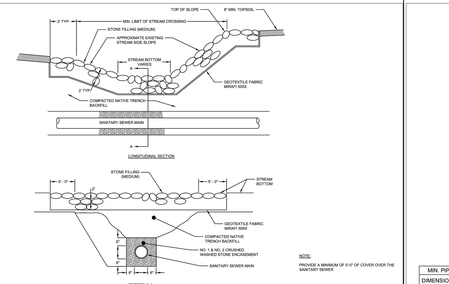


NOTES:

1. REFER TO TYPICAL SANITARY PIPE BEDDING DETAIL FOR ADDITIONAL INFORMATION.

SANITARY SEWER REPAIR PIPE SUPPORT
SCALE: N.T.S.
FEBRUARY 2023
SA-017

D2 TOW: SANITARY SEWER REPAIR PIPE SUPPORT
DETAIL | NOT TO SCALE

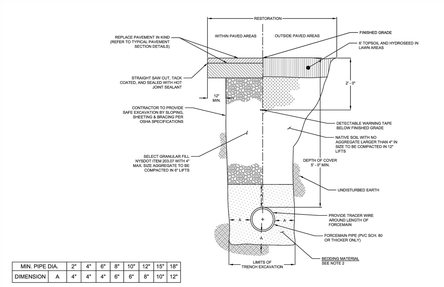


NOTE:

PROVIDE A MINIMUM OF 5'-0" OF COVER OVER THE SANITARY SEWER

SANITARY SEWER STREAM CROSSING
SCALE: N.T.S.
FEBRUARY 2023
SA-018

D3 TOW: SANITARY SEWER STREAM CROSSING
DETAIL | NOT TO SCALE



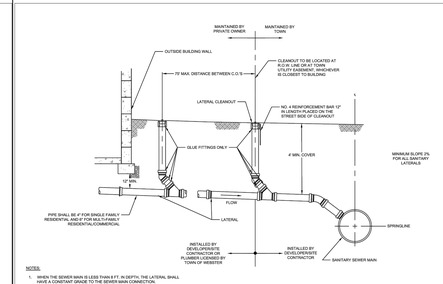
MIN. PIPE DIA.	2"	4"	6"	8"	10"	12"	15"	18"
DIMENSION A	4'	4'	4'	6"	6"	8"	10"	12"

NOTES:

1. FORCEMAIN SHALL BE EITHER DUCTILE IRON PIPE (DIP) OR POLYVINYL CHLORIDE (PVC).
2. PVC SHALL BE ENCASED WITH BEDDING SAND.
3. PVC FORCEMAIN SHALL HAVE A NO. 10 GAUGE TRACER WIRE ATTACHED TO PIPE. TRACER WIRE SHALL BE BROUGHT TO SURFACE IN HANDHOLES AT EVERY DIRECTION CHANGE INCLUDING AT THE START OF THE PIPE. TRACER WIRE SHALL BE BROUGHT INTO MANHOLE AT THE END OF THE PIPE.

TYPICAL FORCEMAIN TRENCH
SCALE: N.T.S.
FEBRUARY 2023
SA-019

D4 TOW: TYPICAL FORCEMAIN TRENCH
DETAIL | NOT TO SCALE

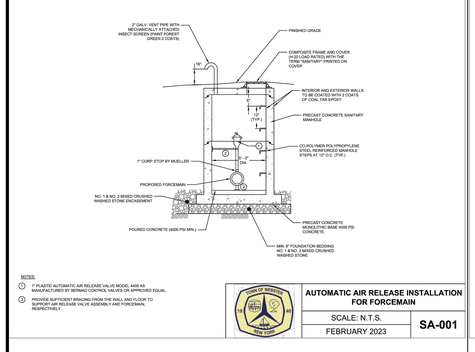


NOTES:

1. WHEN THE SEWER MAIN IS LESS THAN 8 FT. IN DEPTH, THE LATERAL SHALL HAVE A CONSTANT GRADE TO THE SEWER MAIN CONNECTION.
2. WHEN THE SEWER MAIN IS GREATER THAN 8FT. IN DEPTH, A RISER SECTION SHALL BE USED TO CONNECT THE CONSTANT GRADE LATERAL WITH THE SEWER MAIN.
3. FOR "RAINS" PLUMBING, PROVIDE 4 MIN. COVER OVER LATERAL AT THE BASEMENT WALL AND ALONG THE ROUTE OF THE LATERAL.
4. ALL RESIDENTIAL LATERALS SHALL ALSO INCLUDE A CLEANOUT ON THE INTERIOR OF THE BASEMENT/BUILDING WALL.
5. THE MATERIAL FOR THE SANITARY LATERAL SHALL BE PVC SDR-21 OR SCH. 40 MIN.

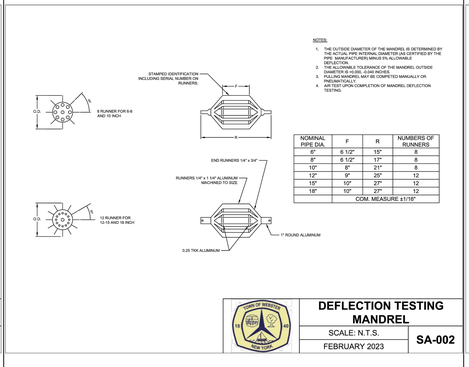
TYPICAL SANITARY LATERAL PROFILE
SCALE: N.T.S.
FEBRUARY 2023
SA-020

D5 TOW: TYPICAL SANITARY LATERAL PROFILE
DETAIL | NOT TO SCALE



SANITARY LATERAL RISER
SCALE: N.T.S.
FEBRUARY 2023
SA-011

C1 TOW: SANITARY LATERAL RISER
DETAIL | NOT TO SCALE

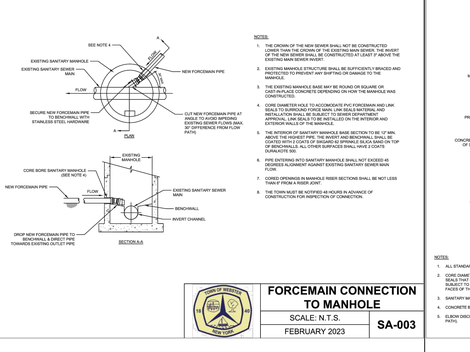


NOTES:

1. PRECAST CONCRETE MANHOLE WALL & SLAB MINIMUM THICKNESS (UNLESS OTHERWISE NOTED):
   A. TOP SLAB: 8" 9" 10"
   B. RISER WALL: 8" 9" 7"
   C. BOTTOM SLAB: 8" 9" 7"
2. MAXIMUM DISTANCE BETWEEN MANHOLES SHALL BE 300 FEET.
3. CORE DIAMETER HOLE TO ACCOMMODATE PVC PIPE (SDR-21 OR SCHEDULE 40 MIN.) AND LINK SEALS THAT SURROUND PIPE. LINK SEALS MATERIAL AND INSTALLATION SHALL BE SUBJECT TO SEWER DEPARTMENT APPROVAL. LINK SEALS SHALL BE PLACED ON BOTH FACES OF THE WALL.
4. THE OUTSIDE DIAMETER OF THE MANDREL IS DETERMINED BY THE ACTUAL PIPE INTERNAL DIAMETER (AS CERTIFIED BY THE PIPE MANUFACTURER) MINUS 5% ALLOWABLE DEFLECTION.
5. THE ALLOWABLE TOLERANCE OF THE MANDREL OUTSIDE DIAMETER IS +0.005, -0.000 INCHES.
6. THE MANDREL SHALL MAY BE COMPETED MANUALLY OR PNEUMATICALLY.
7. AIR TEST UPON COMPLETION OF MANDREL DEFLECTION TESTING.

SANITARY MANHOLE
SCALE: N.T.S.
FEBRUARY 2023
SA-012

C2 TOW: SANITARY MANHOLE
DETAIL | NOT TO SCALE

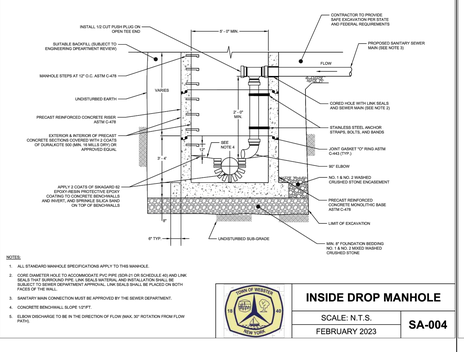


NOTES:

1. MATERIAL SHALL BE GRAY CAST IRON CONFORMING TO ASTM A48 (LATEST REVISION)
2. HEAVY DUTY CASTING SHALL BE DESIGNED FOR AASHTO H20-16 WHEEL LOADS.
3. THE STANDARD CASTING SHALL BE MODEL NO. 1022 & WATERTIGHT CASTING MODEL NO. 6946 AS MANUFACTURED BY EYNCLOSE CASTING SALES CORP. OR APPROVED EQUAL
4. DETAIL ONLY APPLIES TO GRAVITY MAIN MANHOLES. DISCHARGE MANHOLES FOR FORCEMAINS SHALL BE SUBJECT TO SEWER DEPARTMENT REVIEW AND APPROVAL.

SANITARY MANHOLE FRAME AND COVER
SCALE: N.T.S.
FEBRUARY 2023
SA-013

C3 TOW: SANITARY MANHOLE FRAME AND COVER
DETAIL | NOT TO SCALE

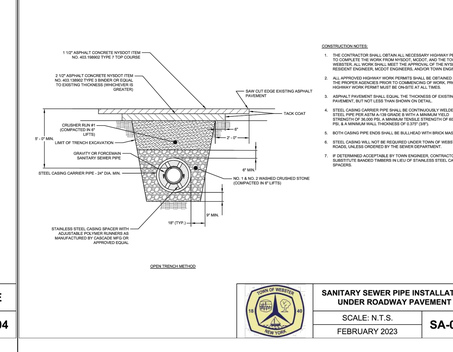


NOTES:

1. INSTALLATION SUBJECT TO SEWER DEPARTMENT APPROVAL. SCHEDULE AT LEAST 48 HOURS IN ADVANCE OF INSTALL.
2. ALL 3-WAY MANHOLE CONFIGURATIONS NOT SHOWN SHALL BE 5' DIAMETER MIN.
3. INVERT SLOPES:
   A. STRAIGHT THROUGH= PIPE SLOPES SHALL BE A MINIMUM 0.10' DROP ACROSS MANHOLE.
   B. 90° ELBOW - PROVIDE MINIMUM 0.20' DROP ACROSS MANHOLE.
   C. WHERE TWO OR MORE PIPES ENTER A MANHOLE, THE STEEPER OF THE SLOPES ABOVE SHALL BE USED TO NAME THE OUTLET ELEVATION.
   D. WHERE PIPES ARE OF DIFFERENT SIZE, SLOPE SHALL BE AS DETERMINED BY CONTRACT PLANS.

SANITARY MANHOLE INVERT CONFIGURATIONS & DIMENSIONS
SCALE: N.T.S.
FEBRUARY 2023
SA-014

C4 TOW: SANITARY MANHOLE INVERT CONFIGURATIONS & DIMENSIONS
DETAIL | NOT TO SCALE



NOTES:

1. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY HIGHWAY PERMITS TO COMPLETE THE WORK FROM NYSDOT, MCDOT, AND THE TOWN OF WEBSTER. ALL WORK SHALL MEET THE APPROVAL OF THE NYSDOT RESIDENT ENGINEER, MCDOT ENGINEERS, AND TOWN ENGINEER.
2. ALL APPROVED HIGHWAY WORK PERMITS SHALL BE OBTAINED FROM THE PROPER AGENCIES PRIOR TO COMMENCING OF WORK. PROPER HIGHWAY WORK PERMIT MUST BE ON-SITE AT ALL TIMES.
3. BOTH CASING PIPE ENDS SHALL BE BULLHEAD WITH BRICK MASONRY.
4. STEEL CASING CARRIER PIPE SHALL BE CONTINUOUSLY WELDED STEEL PIPE WITH A MINIMUM YIELD STRENGTH OF 35,000 PSI. A MINIMUM TENSILE STRENGTH OF 60,000 PSI, & A MINIMUM WALL THICKNESS OF 0.375" (3/8").
5. BOTH CASING PIPE ENDS SHALL BE BULLHEAD WITH BRICK MASONRY
6. STEEL CASING VOID SHALL BE TOTALLY FILLED BY ACCEPTABLE MECHANICAL EQUIPMENT.
7. IF DETERMINED ACCEPTABLE BY THE TOWN ENGINEER, CONTRACTOR MAY SUBSTITUTE BANDED TIMBERS IN LIEU OF STAINLESS STEEL CASING SPACERS.

SANITARY PIPE BORING OR JACKING
SCALE: N.T.S.
FEBRUARY 2023
SA-015

C5 TOW: SANITARY PIPE BORING OR JACKING
DETAIL | NOT TO SCALE

NOTES:

1. 1" PLASTIC AUTOMATIC AIR RELEASE VALVE MODEL 440S AS MANUFACTURED BY BERMAD CONTROL VALVES OR APPROVED EQUAL
2. PROVIDE SUFFICIENT BRACING FROM THE WALL AND FLOOR TO SUPPORT AIR RELEASE VALVE ASSEMBLY AND FORCEMAIN, RESPECTIVELY.

AUTOMATIC AIR RELEASE INSTALLATION FOR FORCEMAIN
SCALE: N.T.S.
FEBRUARY 2023
SA-001

A1 TOW: AUTOMATIC AIR RELEASE INSTALLATION FOR FORCEMAIN
DETAIL | NOT TO SCALE

NOMINAL PIPE DIA.	F	R	NUMBERS OF RUNNERS
6"	6 1/2"	15"	6
8"	6 1/2"	17"	8
10"	8"	21"	8
12"	9"	25"	12
15"	10"	27"	12
18"	10"	27"	12

COM. MEASURE ±1/16"

NOTES:

1. THE OUTSIDE DIAMETER OF THE MANDREL IS DETERMINED BY THE ACTUAL PIPE INTERNAL DIAMETER (AS CERTIFIED BY THE PIPE MANUFACTURER) MINUS 5% ALLOWABLE DEFLECTION.
2. THE ALLOWABLE TOLERANCE OF THE MANDREL OUTSIDE DIAMETER IS +0.005, -0.000 INCHES.
3. THE MANDREL SHALL MAY BE COMPETED MANUALLY OR PNEUMATICALLY.
4. AIR TEST UPON COMPLETION OF MANDREL DEFLECTION TESTING.

DEFLECTION TESTING MANDREL
SCALE: N.T.S.
FEBRUARY 2023
SA-002

A2 TOW: DEFLECTION TESTING MANDREL
DETAIL | NOT TO SCALE

NOTES:

1. THE CROWN OF THE NEW SEWER SHALL NOT BE CONSTRUCTED LOWER THAN THE CROWN OF THE EXISTING MAIN SEWER. THE INVERT OF THE NEW SEWER SHALL BE CONSTRUCTED AT LEAST 2' ABOVE THE EXISTING MAIN SEWER INVERT.
2. EXISTING MANHOLE STRUCTURE SHALL BE SUFFICIENTLY BRACED AND PROTECTED TO PREVENT ANY SHIFTING OR DAMAGE TO THE MANHOLE.
3. THE EXISTING MANHOLE BASE MAY BE ROUND OR SQUARE OR CAST-IN-PLACE CONCRETE DEPENDING ON HOW THE MANHOLE WAS CONSTRUCTED.
4. CORE DIAMETER HOLE TO ACCOMMODATE PVC FORCEMAIN AND LINK SEALS TO SURROUND FORCE MAIN. LINK SEALS MATERIAL AND INSTALLATION SHALL BE SUBJECT TO SEWER DEPARTMENT APPROVAL. LINK SEALS TO BE INSTALLED ON THE INTERIOR AND EXTERIOR WALLS OF THE MANHOLE.
5. THE INTERIOR OF SANITARY MANHOLE BASE SECTION TO BE 12" MIN. ABOVE THE HIGHEST PIPE. THE INVERT AND BENCHWALL SHALL BE SMOOTH AND SHALL BE SHAPED TO ALLOW SMOOTH FLOW. ALL OTHER SURFACES SHALL HAVE 2 COATS GRAGARD 62 EPOXY RESIN PROTECTIVE EPOXY COATING OR APPROVED EQUAL.
6. CORED OPENINGS IN MANHOLE RISER SECTIONS SHALL BE NOT LESS THAN 6" FROM A RISER JOINT.
7. THE TOWN MUST BE NOTIFIED 48 HOURS IN ADVANCE OF CONSTRUCTION FOR INSPECTION OF CONNECTION.

FORCEMAIN CONNECTION TO MANHOLE
SCALE: N.T.S.
FEBRUARY 2023
SA-003

A3 TOW: FORCEMAIN CONNECTION TO MANHOLE
DETAIL | NOT TO SCALE

NOTES:

1. ALL STANDARD MANHOLE SPECIFICATIONS APPLY TO THIS MANHOLE.
2. CORE DIAMETER HOLE TO ACCOMMODATE PVC PIPE (SDR-21 OR SCHEDULE 40) AND LINK SEALS THAT SURROUND PIPE. LINK SEALS MATERIAL AND INSTALLATION SHALL BE SUBJECT TO SEWER DEPARTMENT APPROVAL. LINK SEALS SHALL BE PLACED ON BOTH FACES OF THE WALL.
3. SANITARY MAIN CONNECTION MUST BE APPROVED BY THE SEWER DEPARTMENT.
4. CONCRETE BENCHWALL SLOPE 1/2"FT.
5. ELBOW ORIGINATE TO BE IN THE DIRECTION OF FLOW (MAX. 30° ROTATION FROM FLOW PATH).

INSIDE DROP MANHOLE
SCALE: N.T.S.
FEBRUARY 2023
SA-004

A4 TOW: INSIDE DROP MANHOLE
DETAIL | NOT TO SCALE

SANITARY SEWER PIPE INSTALLATION UNDER ROADWAY PAVEMENT
SCALE: N.T.S.
FEBRUARY 2023
SA-005

A5 TOW: SANITARY SEWER PIPE INSTALLATION UNDER ROADWAY PAVEMENT
DETAIL | NOT TO SCALE

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FAIRLIFE, LLC (SUBSIDIARY OF THE COCA-COLA COMPANY)

PROJECT IZZO
WEBSTER, NEW YORK

fairlife

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K	RCPI-PB	09/15/23
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G	CPI-PB	07/11/23

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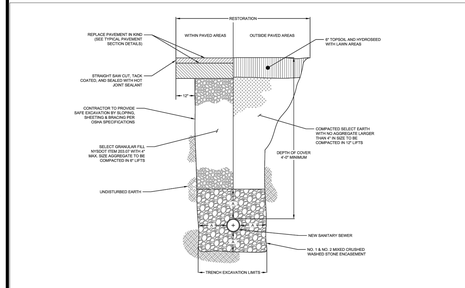
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WEBSTER SANITARY DETAILS

C-534
SHEET NUMBER

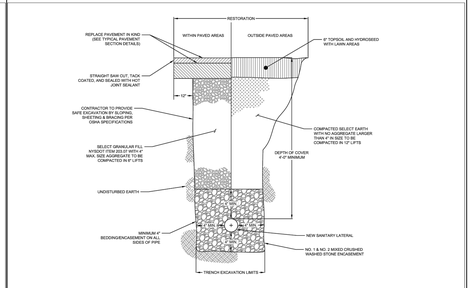
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MIN. PIPE DIA.		6"	8"	10"	12"	15"	18"
DIMENSION	A	6"	6"	6"	8"	10"	12"

TYPICAL SANITARY SEWER TRENCH
SCALE: N.T.S. FEBRUARY 2023 **SA-021**



TYPICAL SANITARY LATERAL TRENCH
SCALE: N.T.S. FEBRUARY 2023 **SA-022**

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FAIRLIFE, LLC (SUBSIDIARY OF THE COCA-COLA COMPANY)

PROJECT IZZO

WEBSTER, NEW YORK

fairlife

No	DESCRIPTION	DATE
K	RCPI-PB	09/15/23
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G	CPI-PB	07/11/23

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MSL	JRH

AE JOB NUMBER
3450044

WEBSTER SANITARY DETAILS

C-535
SHEET NUMBER

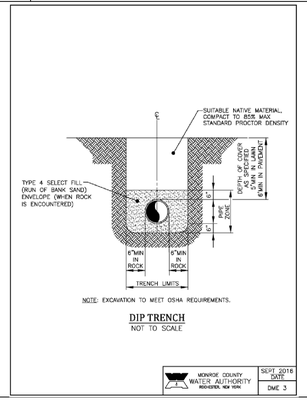
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DIP TRENCH
NOT TO SCALE

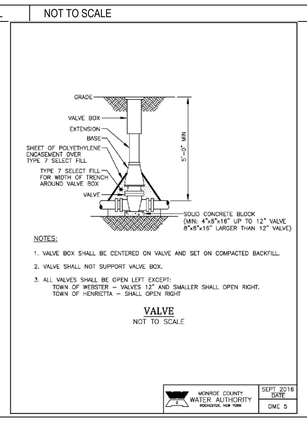
MONROE COUNTY WATER AUTHORITY ROCHESTER, NEW YORK | SEPT. 2016 DATE | DME 3

C1 MCWA: DIP TRENCH

DETAIL | NOT TO SCALE

D2 X

DETAIL | NOT TO SCALE



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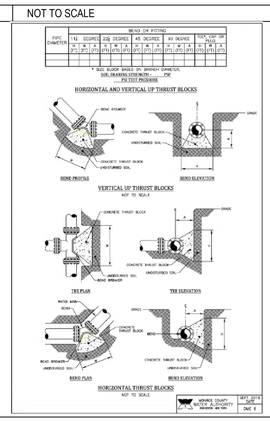
MONROE COUNTY WATER AUTHORITY ROCHESTER, NEW YORK | SEPT. 2016 DATE | DME 5

C2 MCWA: VALVE

DETAIL | NOT TO SCALE

D3 X

DETAIL | NOT TO SCALE



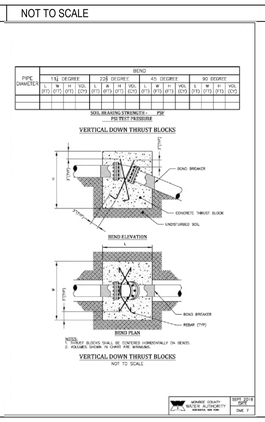
MONROE COUNTY WATER AUTHORITY ROCHESTER, NEW YORK | SEPT. 2016 DATE | DME 1

C3 MCWA: HORIZONTAL THRUST BLOCKS

DETAIL | NOT TO SCALE

D4 X

DETAIL | NOT TO SCALE



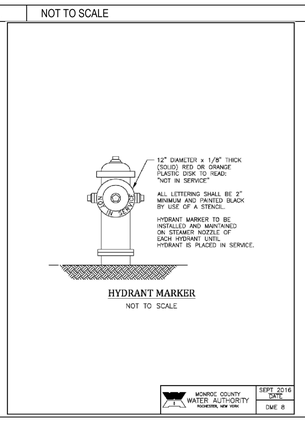
MONROE COUNTY WATER AUTHORITY ROCHESTER, NEW YORK | SEPT. 2016 DATE | DME 7

C4 MCWA: VERTICAL DOWN THRUST BLOCKS

DETAIL | NOT TO SCALE

D5 X

DETAIL | NOT TO SCALE

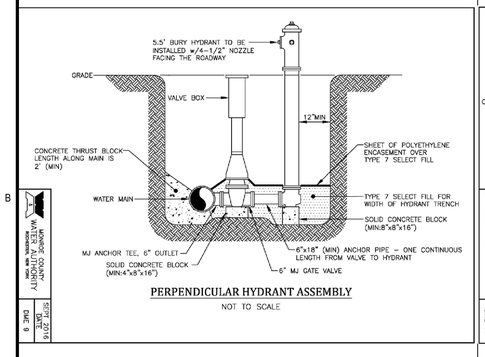


HYDRANT MARKER
NOT TO SCALE

MONROE COUNTY WATER AUTHORITY ROCHESTER, NEW YORK | SEPT. 2016 DATE | DME 8

C5 MCWA: HYDRANT MARKER

DETAIL | NOT TO SCALE

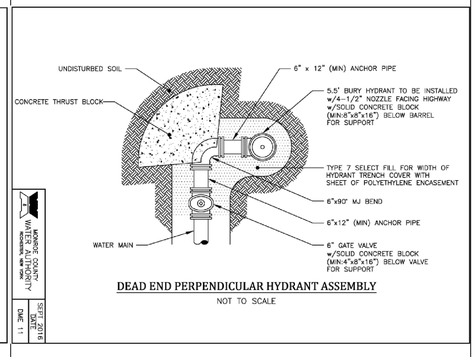


PERPENDICULAR HYDRANT ASSEMBLY
NOT TO SCALE

MONROE COUNTY WATER AUTHORITY ROCHESTER, NEW YORK | SEPT. 2016 DATE | DME 9

B1 MCWA: PERPENDICULAR HYDRANT ASSEMBLY

DETAIL | NOT TO SCALE

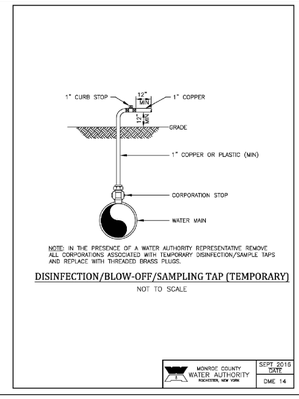


DEAD END PERPENDICULAR HYDRANT ASSEMBLY
NOT TO SCALE

MONROE COUNTY WATER AUTHORITY ROCHESTER, NEW YORK | SEPT. 2016 DATE | DME 11

B2 MCWA: DEAD END PERPENDICULAR HYDRANT ASSEMBLY

DETAIL | NOT TO SCALE



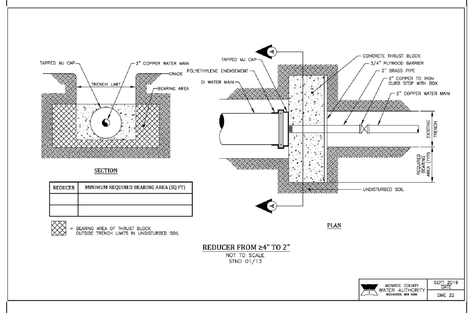
NOTE: IN THE PRESENCE OF A WATER AUTHORITY REPRESENTATIVE REMOVE ALL CORPORATIONS ASSOCIATED WITH TEMPORARY DISINFECTION/SAMPLE TAPS AND REPLACE WITH THREADED BRASS PLUGS.

DISINFECTION/BLOW-OFF/SAMPLING TAP (TEMPORARY)
NOT TO SCALE

MONROE COUNTY WATER AUTHORITY ROCHESTER, NEW YORK | SEPT. 2016 DATE | DME 14

B3 MCWA: DISINFECTION/BLOW-OFF/SAMPLING TAP (TEMPORARY)

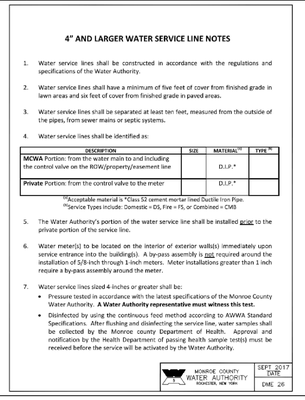
DETAIL | NOT TO SCALE



MONROE COUNTY WATER AUTHORITY ROCHESTER, NEW YORK | SEPT. 2016 DATE | DME 22

B4 MCWA: REDUCER FROM > 4" TO 12"

DETAIL | NOT TO SCALE



4" AND LARGER WATER SERVICE LINE NOTES

1. Water service lines shall be constructed in accordance with the regulations and specifications of the Water Authority.
2. Water service lines shall have a minimum of five feet of cover from finished grade in lawn areas and six feet of cover from finished grade in paved areas.
3. Water service lines shall be separated at least ten feet, measured from the outside of the pipes, from sewer mains or septic systems.
4. Water service lines shall be identified as:

DESCRIPTION	SIZE	MATERIAL[1]	TYPE [2]
MCWA Portion: from the water main to and including the control valve on the ROW/property/easement line		D.I.P.*	
Private Portion: from the control valve to the meter		D.I.P.*	

[1]Acceptable material is "Class 52 cement mortar lined Ductile Iron Pipe.
[2]Service Types include: Domestic = DS, Fire = FS, or Combined = CMB

5. The Water Authority's portion of the water service line shall be installed prior to the private portion of the service line.
6. Water meter(s) to be located on the interior of exterior wall(s) immediately upon service entrance into the building(s). A by-pass assembly is not required around the installation of 5/8-inch through 1-inch meters. Meter installations greater than 1 inch require a by-pass assembly around the meter.
7. Water service lines sized 4 inches or greater shall be:
   - Pressure tested in accordance with the latest specifications of the Monroe County Water Authority. **A Water Authority representative must witness this test.**
   - Disinfected by using the continuous feed method according to AWWA Standard Specifications. After flushing and disinfecting the service line, water samples shall be collected by the Monroe county Department of Health. Approval and notification by the Health Department of passing health sample test(s) must be received before the service will be activated by the Water Authority.

MONROE COUNTY WATER AUTHORITY ROCHESTER, NEW YORK | SEPT. 2017 DATE | DME 26

B5 MCWA: NOTES

DETAIL | NOT TO SCALE

PUBLIC WATER SYSTEM NOTES

Water mains and appurtenances to be constructed in accordance with the regulations and specifications of the Water Authority:

Material:

- Water main(s) shall be ____-inch ductile iron cement-lined Class 52.
- Water service(s) shall be ____-inch Type K Copper from the water main to the curb box and ____-inch (Type K soft Copper or PE 4710) from the curb box to the meter.
- Water meter(s) shall be located on the interior of exterior walls immediately upon service entrance into the building(s). On metered services requiring a 1 1/2-inch or larger meter a bypass around the meter is required.
- All gate valves shall have stainless steel body and bonnet bolts.

Tests:

- **Soil Test.** The contractor shall provide a soil test evaluation to determine the need for polyethylene encasement per ANSI/AWWA C105/A21.5-82 prior to water main installation. Soil testing shall be conducted by an approved soil testing laboratory in accordance with Water Authority standards.
- **Pressure Test.** Water mains to be pressure tested in accordance with the latest Water Authority specifications. **A Water Authority representative must witness this test.**
- **Health Samples.** The water main shall be disinfected equal to AWWA Standard Specifications, designation C-651, by using the continuous feed method. After flushing and disinfecting the water main, water samples shall be collected from the main by the Monroe County Health Department. Fire hydrants are not acceptable sampling points. Approval and notification by the Health Department must be received before the main is placed in service.

Installation:

- Water mains and all water service lines shall have a minimum of five feet of cover from finished grade in lawn areas and a minimum of six feet of cover from finished grade in paved areas.
- Minimum **vertical** separation between water main and sewer mains shall be 18" measured from the outside of the pipes at the point of crossing. Minimum **horizontal** separation between water mains and sewer mains shall be ten feet measured from the outside of the pipes. One full length of water main shall be centered under or over the sewer so that both joints will be as far from the sewer as possible. Where a water main crosses under a sewer, adequate structural support (compacted selected fill) shall be provided for the sewers to prevent excessive deflection of joints and settling on and breaking the water mains.
- Fire hydrant weep holes (drains) shall be plugged when ground water is encountered within sewer feet of the finished grade.
- All mechanical joint fittings (tees, bends, plugs, etc.) shall be backed with 2500 psi concrete thrust blocks of appropriate size to provide thrust restraint.

MONROE COUNTY WATER AUTHORITY ROCHESTER, NEW YORK | SEPT. 2017 DATE | DME 28

A1 MCWA: NOTES

DETAIL | NOT TO SCALE

A2 X

DETAIL | NOT TO SCALE

A3 X

DETAIL | NOT TO SCALE

A4 X

DETAIL | NOT TO SCALE

A5 X

DETAIL | NOT TO SCALE

JOSHUA R. HOWSEN, P.E.
STATE OF NEW YORK
JOSHUA R. HOWSEN
083616
LICENSED PROFESSIONAL ENGINEER
REG. NO. 083616

HASKELL ARCHITECTS AND ENGINEERS, P.A. P.C.
NEW YORK - Engineering # 080447
111 Riverside Avenue
Jacksonville, Florida 32202
Phone # (904) 791-4500
HASKELL

FAIRLIFE, LLC (SUBSIDIARY OF THE COCA-COLA COMPANY)

PROJECT IZZO

WEBSTER, NEW YORK

fairlife

No	DESCRIPTION	DATE
K	RCPI-PB	09/15/23
J	RCPI-PB	09/06/23
I	RCPI-PB	08/16/23
G	CPI-PB	07/11/23

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DRAWN BY: MSL | CHECKED BY: JRH

AE JOB NUMBER 3450044

WATER AUTHORITY DETAILS

C-536
SHEET NUMBER

ES-709DCDA

Engineering Specification

Job Name _____ Contractor _____

Job Location _____ Approval _____

Engineer _____ Contractor's P.O. No. _____

Approval _____ Representative _____

Series 709DCDA

Double Check Detector Assemblies

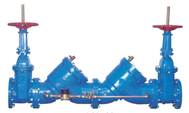
Sizes: 3" – 10"

Series 709DCDA Double Check Detector Assemblies are designed exclusively for use in accordance with water authority containment requirements. It is mandatory to prevent the reverse flow of fire protection system substances, i.e. glycerin wetting agents, stagnant water and water of non-potable quality from being pumped or siphoned into the potable water line.

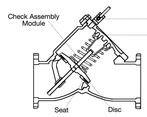
Benefits: Detects leaks . . . with emphasis on the cost of unaccountable water; incorporates a meter which allows the water utility to:

- Detect leaks underground that historically create great annual cost due to waste.
- Provide a detection point for unauthorized use. It can help locate illegal taps.

Modular check design concept facilitates maintenance and assembly access. The coating on this backflow assembly uses ArmorTek™ technology to resist corrosion due to microbial induced corrosion (MIC) or exposed metal substrate. All sizes are standardly equipped with resilient seated OSY shutoff valves, ⅝" x ¾" meter and ball type test cocks.



709DCDAOSY



Features

- Body construction fused epoxy coated cast iron
- Replaceable bronze seats
- Maximum flow at low pressure drop
- Compact for economy combined with performance
- Design simplicity for easy maintenance
- Utilizes advanced ArmorTek™ coating technology to resist corrosion of internals
- Furnished with ⅝" x ¾" bronze meter
- No special tools required for servicing

Specifications

A Double Check Detector Assembly shall be installed on fire protection systems when connected to a potable water supply. Degree of hazard present is determined by the local authority having jurisdiction. The unit shall be a complete assembly including UL listed resilient seated OSY shutoff valves and test cocks. The unit shall be UL/FM approved with UL/FM approved OSY shutoff valves. The auxiliary line shall consist of an approved backflow preventer and water meter. The assembly shall meet the basic requirements of ASSE 1048; AWWA Std. C510 for Double Check Valves. The valve body shall utilize a coating system with built in electrochemical corrosion inhibitor and microbial inhibitor. Approved by the Foundation for Cross-Connection Control and Hydraulic Research at the University of Southern California. Assembly shall be a Watts Series 709DCDA.

Check Assembly Module

Features a modular design concept which facilitates complete maintenance and assembly by retaining the spring load.

First and second check valve spring modules are not interchangeable.

Now Available
WattsBox Insulated Enclosures.
For more information, send for literature ES-WB.

NOTICE

The information contained herein is not intended to replace the full product installation and safety information available or the experience of a trained product installer. You are required to thoroughly read all installation instructions and product safety information before beginning the installation of this product.

NOTICE

Inquire with governing authorities for local installation requirements

Watts product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Watts Technical Service. Watts reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on Watts products previously or subsequently sold.

WATTS®

Materials

Body:	Epoxy coated cast iron
Seat:	Bronze
Disc Holder:	Bronze
Trim:	Stainless steel
Check Valve Discs:	Rubber
Test Cocks:	Bronze

Models

Suffix:

OSY	UL/FM outside stem and yoke resilient seated gate valves
CFM	cubic feet per minute meter
GPM	gallons per minute meter
LF	4" – 10" without shutoff valves

Pressure – Temperature

Temperature Range: 33°F – 110°F (0.5° – 43°C) continuous, 140°F (60°C) intermittent

Maximum Working Pressure: 175psi (12.1bar)

Standards

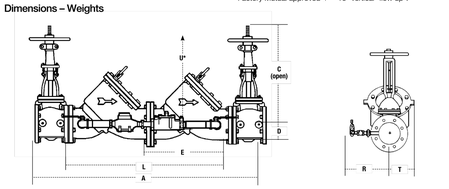
AWWA Standard C510

Approvals

Approved by the foundation for Cross-Connection Controland Hydraulic Research at the University of Southern California. Sizes 4" – 10" approved for horizontal and vertical "flow up". Size 3" approved for horizontal only.

Factory Mutual approved 4" – 10" vertical "flow up".

Dimensions – Weights

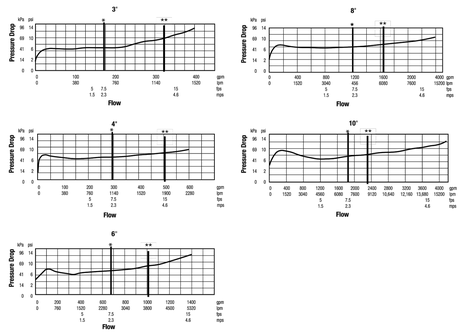


SIZE	DIMENSIONS																WEIGHT	
	A		C		D		E		L		R		T		U*		W/OSY† gates	
in.	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs.	kgs.
3	40	1016	18½	479	3½	89	12	305	24	610	14	356	3	76	14	356	190	86
4	52	1321	22½	578	3¾	95	17	432	34	864	15	381	6	152	14	356	403	183
6	62½	1588	30⅛	765	4½	114	21	533	41½	1054	16	406	7½	191	16	406	727	330
8	75	1905	37⅞	959	5½	140	26	660	52	1321	17	432	9	229	21	533	1327	602
10	90	2286	45⅛	1162	6½	165	32	813	64	1626	18	457	10¼	260	25	635	2093	949

* Service clearance for check assembly from center.
†UL/FM approved backflow preventers must include UL/FM approved OSY.

Capacity

*Typical maximum system flow rate (7.5 ft./Sec.) **UL rated flow



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JOSHUA S. HASKIN, P.E.
STATE OF NEW YORK
LICENSED PROFESSIONAL ENGINEER
REG. NO. 96322

FAIRLIFE, LLC (SUBSIDIARY OF THE COCA-COLA COMPANY)

PROJECT IZZO

WEBSTER, NEW YORK

fairlife

No	DESCRIPTION	DATE
K	RCPI-PB	09/15/23

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DRAWN BY: MSL | CHECKED BY: JRH

AE JOB NUMBER 3450044

UTILITY DETAILS

C-537
SHEET NUMBER

C1 **DOUBLE DETECTOR CHECK VALVE ASSEMBLY: WATTS 709DCDA (8" FIRE SERVICE)**

DETAIL | NOT TO SCALE

USA: T: (978) 689-6066 • F: (978) 975-8350 • Watts.com
Canada: T: (888) 208-8927 • F: (905) 481-2316 • Watts.ca
Latin America: T: (52) 55-4122-0138 • Watts.com

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ES-LF909L

Engineering Specification

Job Name _____ Contractor _____

Job Location _____ Approval _____

Engineer _____ Contractor's P.O. No. _____

Approval _____ Representative _____

LEAD FREE®

Series LF909

Reduced Pressure Zone Assemblies

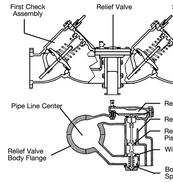
Sizes: 2½" – 10"

Series LF909 Reduced Pressure Zone Assemblies are designed to provide cross-connection control protection of the potable water supply in accordance with national plumbing codes. This series can be utilized in a variety of installations, including health hazard cross-connections in plumbing systems or for containment at the service line entrance. With its exclusive relief valve design incorporating the "air-in/water-out" principle, it provides substantially improved relief valve discharge performance during the emergency conditions of combined backsiphonage and backpressure with both checks fouled. The coating on this backflow assembly uses ArmorTek™ technology to resist corrosion due to microbial induced corrosion (MIC) or exposed metal substrate. The LF909 features Lead Free* construction to comply with Lead Free* installation requirements.

Series LF909 is also available with SentryPlus™ Alert technology to detect catastrophic relief valve discharge that could potentially cause flooding, and issue a multi-channel alert (call, e-mail, text) to selected users so they can take action to avoid potentially costly flooding.



LF909 DNRS



Features

- Replaceable seats
- Stainless steel internal parts
- No special tools required for servicing
- Captured spring check assemblies
- Fused epoxy coated & lined checks
- Utilizes advanced ArmorTek™ coating technology to resist corrosion of internals
- Industrial strength sensing hose
- Field reversible relief valve
- Air-in/water-out relief valve design provides maximum capacity during emergency conditions

Specifications

A Reduced Pressure Zone Assembly shall be installed at each cross-connection to prevent backsiphonage and backpressure backflow of hazardous materials into the potable water supply. The assembly shall consist of a pressure differential relief valve located in a zone between two positive seating check valves and captured springs. Backsiphonage protection shall include provision to admit air directly into the reduced pressure zone via a separate channel from the water discharge channel. The assembly shall include two tightly closing shutoff valves before and after the valve and test cocks. The Lead Free* Reduced Pressure Zone Assembly shall comply with state codes and standards, where applicable, requiring reduced lead content. The assembly shall meet the requirements of ASSE Std. 1013; AWWA Std. C511-92; CSA B64.5; and UL Classified File No. EX3185. Listed by IAPMO (UPC). Approved by the Foundation for Cross-Connection Control and Hydraulic Research at the University of Southern California. The valve body shall utilize a coating system with built in electrochemical corrosion inhibitor and microbial inhibitor. The assembly shall be a Watts Series LF909.

Now Available
WattsBox Insulated Enclosures.
For more information, send for literature ES-WB.

NOTICE

The information contained herein is not intended to replace the full product installation and safety information available or the experience of a trained product installer. You are required to thoroughly read all installation instructions and product safety information before beginning the installation of this product.

NOTICE

Inquire with governing authorities for local installation requirements

***The wetted surface of this product contacted by consumable water contains less than 0.25% of lead by weight.**

Watts product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Watts Technical Service. Watts reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on Watts products previously or subsequently sold.

WATTS®

Available Models & Options

Suffix:

LF –	without shutoff valves
NRS –	non-rising stem resilient seated gate valves
OSY -	UL/FM outside stem & yoke resilient seated gate valves
S-FDA –	FDA epoxy coated strainer
ALERT	with SentryPlus™ Alert flood detection system

Note: The installation of a drain line is recommended. When installing a drain line, an air gap is necessary.

Materials

Check Valve Bodies: FDA epoxy coated cast iron

Seats: Stainless steel

Trim: Stainless steel

Relief Valve Body: 2½"-3" Lead Free* cast copper silicon alloy
4"-10" FDA epoxy coated cast iron

Test Cocks: Lead Free* copper silicon alloy

Pressure — Temperature

Temperature Range: 33°F–110°F (0.5°C–43°C) continuous, 140°F (60°C) intermittent

Maximum Working Pressure: 175psi (12.06 bar)

Standards

AWWA C511-92

IAPMO PS 31, SBCCI (Standard Plumbing Code)

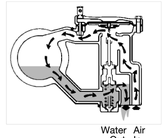
USC manual for Cross-Connection Control, 8th Edition

Approvals

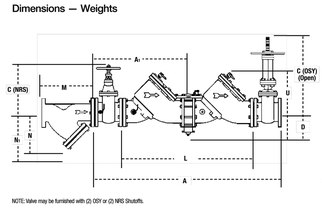
Approved by the Foundation for Cross-Connection Control and Hydraulic Research at the University of Southern California.

How It Operates

The unique relief valve construction incorporates two channels: one for air, one for water. When the relief valve opens, as in the accompanying air-in/water-out diagram, the right-hand channel admits air to the top of the reduced pressure zone, relieving the zone vacuum. The channel on the left then drains the zone to atmosphere. Therefore, if both check valves foul, and simultaneous negative supply and positive backpressure develops, the relief valve uses the air-in/water-out principle to stop potential backflow.



Dimensions — Weights



NOTE: Valve may be furnished with (2) OSY or (2) NRS Shutoffs.

NOTE: Relief valve section is reversible, therefore, can be on either side and is furnished standardly as shown.

SIZE	DIMENSIONS																		WEIGHT	
	A		A1		C clearance for check (OSY)*		(NRS)		D		L		U		R		R (QT)		T		NRS		OSY		QT
in.	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs.	kgs.	lbs.	kgs.	lbs.	kgs.
2½	41½	1053	25⅝	527	16¾	416	9¾	238	5¼	133	26⅛	669	11	279	4	102	16	406	9¼	230	195	88.4	198	89.8	182	82.6
3	42½	1079	21¼	539	18¼	479	10¼	260	5¼	133	26⅛	669	11	279	5	127	16	406	9¼	230	225	102	230	104	190	86
4	55⅝	1405	27⅞	702	22⅜	578	12⅝	310	6	152	37⅝	944	14	356	6	152	19⅝	502	14⅛	365	455	206	479	213	352	160
6	65⅞	1672	33	838	30¼	765	16	406	6	152	44⅞	1134	16	406	11	279	26	660	14⅛	365	718	326	798	362	762	346
8	78⅝	1995	39⅛	998	37¾	959	19⅛	506	9¼	248	55⅛	1404	21	533	11¼	286	11¼	286	19¼	489	1350	612	1456	660	2286	1037
10	93⅛	2376	46⅛	1188	45⅛	1162	23⅛	605	9¼	248	67⅛	1709	21	533	12½	318	12½	318	21	533	2160	980	2230	1011	3716	1685

*UL, FM approved backflow preventers must include UL/FM approved OSY gate valves.

Strainer Dimensions

SIZE	DIMENSIONS						WEIGHT	
	M		N(1)		N			
in.	in.	mm	in.	mm	in.	mm	lbs.	kgs.
2½	10	254	10	254	6½	165	28	12.7
3	10¼	257	10	254	7	178	34	15.4
4	12¼	308	12	305	8¼	210	60	27
6	18½	470	20	508	13½	343	133	60
8	21⅝	549	22⅞	578	15½	394	247	112
10	26	660	28	711	18½	470	370	168

† – Dimension required for screen removal

Air Gap Dimensions

When installing a drain line on Series 909 backflow preventers that are installed horizontally, use 909 AG series air gaps.

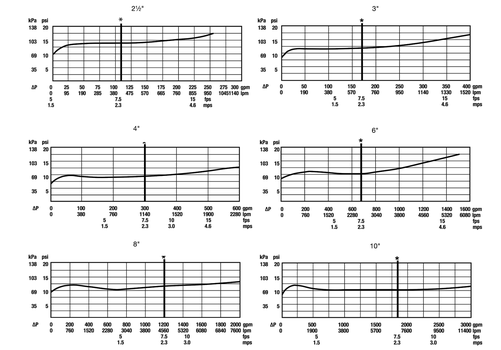
IRON BODY MODEL NO.	ORDERING CODE	SERIES/SIZES	DIMENSIONS						WEIGHT	
			A		B		C			
			in.	mm	in.	mm	in.	mm	lbs	kgs
909AG-F	881378	11/4" – 3" 009/909 11/4" – 2" 009 M1 2" 009 M2	4⅛	111	6¼	171	2	51	3.25	1.47
909AG-K	881385	4" – 6" 909 8" – 10" 909 M1	6⅝	162	9⅝	244	3	76	6.25	2.83
909AG-M	881397	8" – 10" 909	7⅛	187	11¼	286	4	102	15.5	7.03



For flange size backflow preventers installed vertically (flow down), a fabricated air gap is recommended.

Capacity

*Typical maximum flow rate (7.5 feet/sec.)



WATTS®

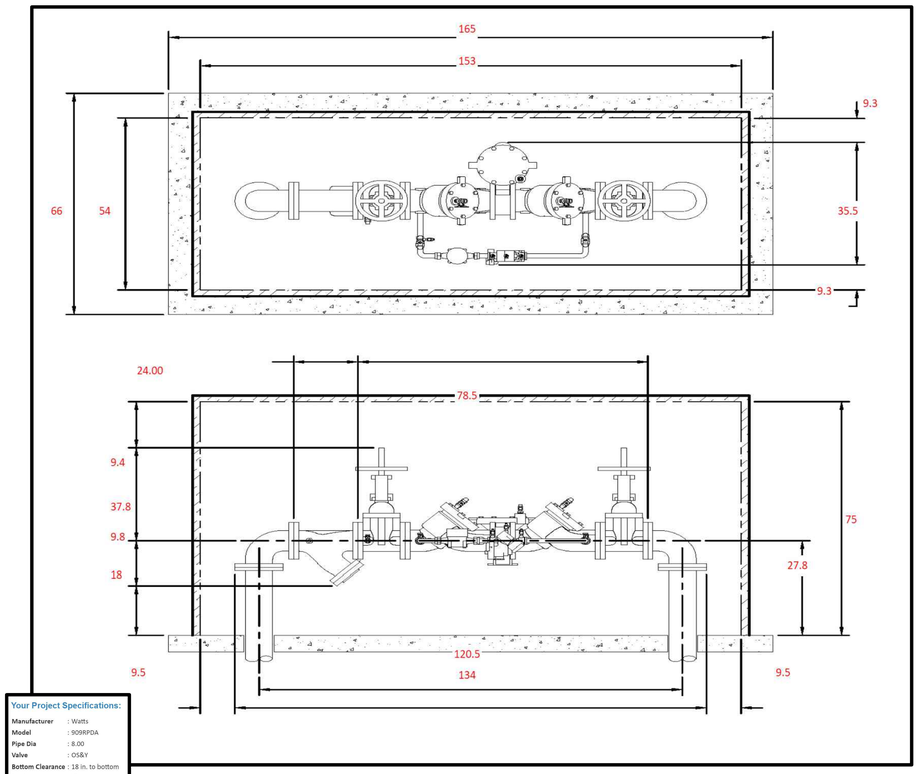
USA: Tel: (978) 689-6066 • Fax: (978) 975-8350 • Watts.com
Canada: Tel: (888) 208-8927 • Fax: (905) 332-7068 • Watts.ca
Latin America: Tel: (52) 55-4122-0138 • Watts.com

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A1 **REDUCED PRESSURE ZONE BACKFLOW PREVENTOR: WATTS LF909 (6" DOMESTIC SERVICE / 8" PROCESS SERVICES)**

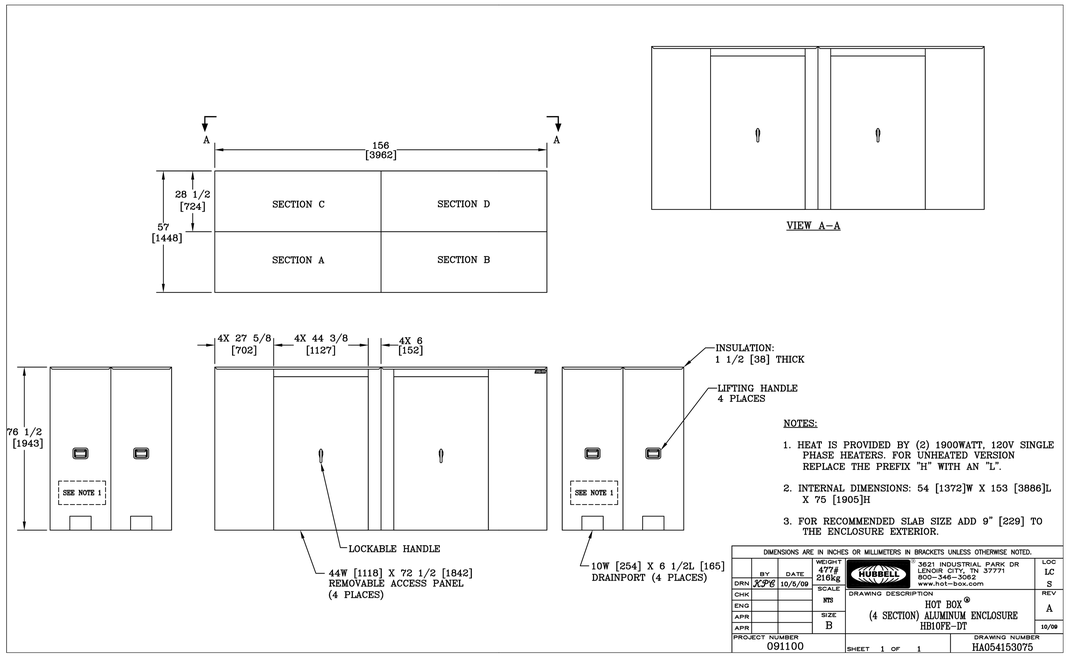
DETAIL | NOT TO SCALE

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P:\345_Bev\3450044 Project Webster\21Design\Working\CIVIL\03 AutoCAD\03 Sheets\3450044201C-530.dwg Layout Name: C-537 Sep 15, 2023 - 4:33pm PLOTTED BY: rsteinot



Your Project Specifications:

Manufacturer	: Watts
Model	: 909RPDA
Pipe Dia	: 8.00
Valve	: OS&Y
Bottom Clearance	: 18 in. to bottom
Strainer	: Yes



NOTES:

1. HEAT IS PROVIDED BY (2) 1900WATT, 120V SINGLE PHASE HEATERS. FOR UNHEATED VERSION REPLACE THE PREFIX "H" WITH AN "L".
2. INTERNAL DIMENSIONS: 54 [1372]W X 153 [3886]L X 75 [1905]H
3. FOR RECOMMENDED SLAB SIZE ADD 9" [229] TO THE ENCLOSURE EXTERIOR.

DIMENSIONS ARE IN INCHES OR MILLIMETERS IN BRACKETS UNLESS OTHERWISE NOTED.

	BY	DATE
DRN	KPG	10/5/09
CHK		
ENG		
APR		
APR		

WEIGHT: 477# 216Kg
SCALE: NTS
SIZE: B

HUBBELL — 3621 INDUSTRIAL PARK DR, LENOIR CITY, TN 37771, 800-346-3062, www.hot-box.com

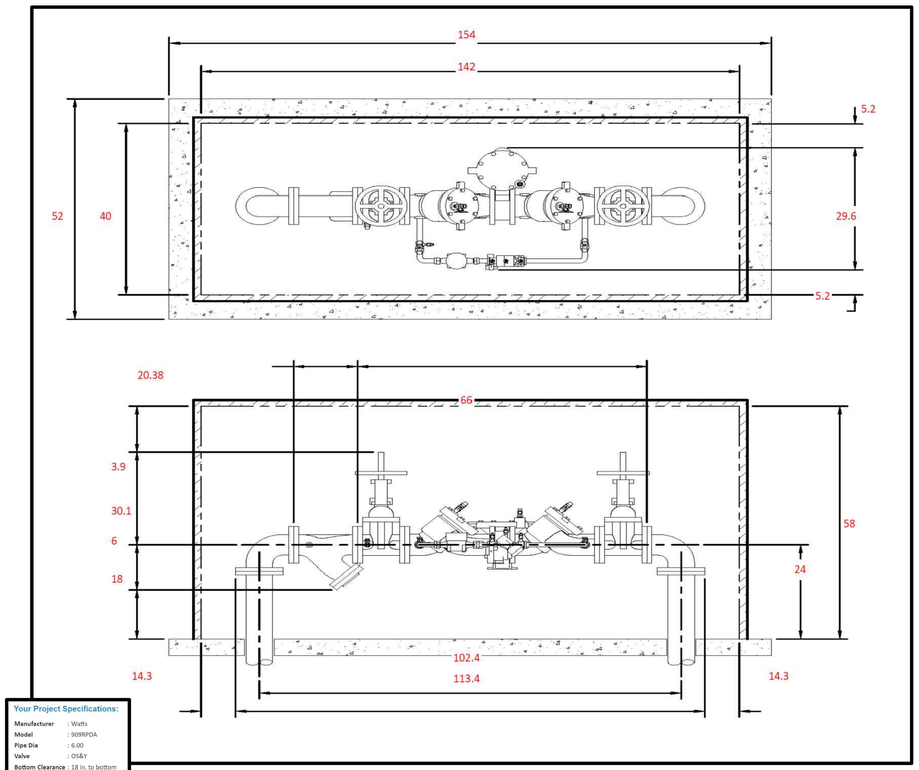
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LOC: LC S | REV: A | 10/09

PROJECT NUMBER: 091100 | SHEET 1 OF 1 | DRAWING NUMBER: HA054153075

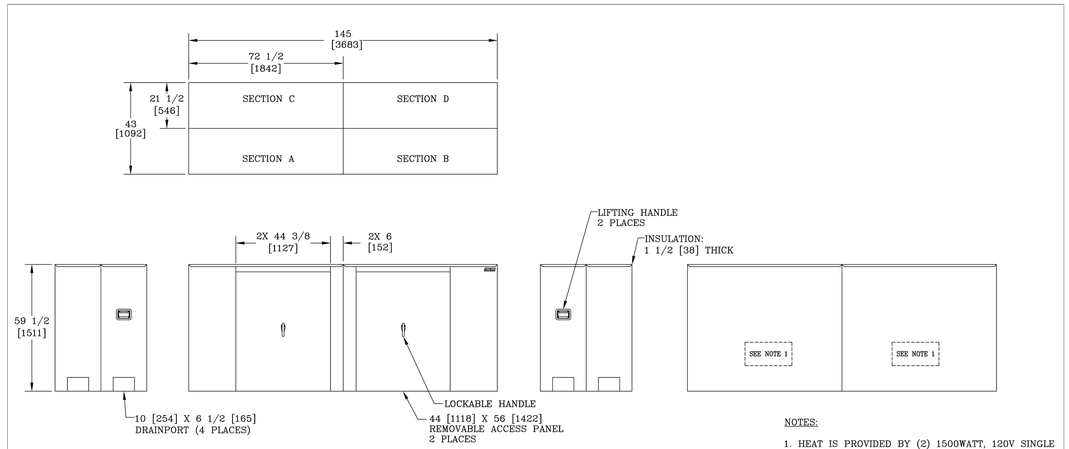
C1 **ALUMINUM HOTBOX WITH HEATER: HUBBELL - 8" PROCESS SERVICE**

DETAIL | NOT TO SCALE



Your Project Specifications:

Manufacturer	: Watts
Model	: 909RPDA
Pipe Dia	: 6.00
Valve	: OS&Y
Bottom Clearance	: 18 in. to bottom
Strainer	: Yes



NOTES:

1. HEAT IS PROVIDED BY (2) 1500WATT, 120V SINGLE PHASE HEATERS. FOR UNHEATED VERSION REPLACE THE PREFIX "H" WITH AN "L".
2. INTERNAL DIMENSIONS: 40 [1016]W X 142 [3607]L X 58 [1473]H
3. FOR RECOMMENDED SLAB SIZE ADD 9" [229] TO THE ENCLOSURE EXTERIOR.

DIMENSIONS ARE IN INCHES OR MILLIMETERS IN BRACKETS UNLESS OTHERWISE NOTED.

	BY	DATE
DRN	KPG	9/15/09
CHK		
ENG		
APR		
APR		

WEIGHT: 335# 152Kg
SCALE: 3/8"=1'
SIZE: B

HUBBELL — 3621 INDUSTRIAL PARK DR, LENOIR CITY, TN 37771, 800-346-3062, www.hot-box.com

DRAWING DESCRIPTION: HOT BOX® (4 SECTION) ALUMINUM ENCLOSURE HB8NS

LOC: LC S | REV: A | 8/16

PROJECT NUMBER: 09875 | SHEET 1 OF 1 | DRAWING NUMBER: HA040142058

A1 **ALUMINUM HOTBOX WITH HEATER: HUBBELL - 6" DOMESTIC SERVICE**

DETAIL | NOT TO SCALE

JOSHUA S. HIGGIN, P.E. — STATE OF NEW YORK — 95322 — LICENSED PROFESSIONAL ENGINEER

HASKELL ARCHITECTS AND ENGINEERS, P.A. P.C.
NEW YORK - Engineering # 080447
111 Riverside Avenue, Jacksonville, Florida 32202, Phone # (904) 791-4500

HASKELL

FAIRLIFE, LLC (SUBSIDIARY OF THE COCA-COLA COMPANY)

PROJECT IZZO

WEBSTER, NEW YORK

fairlife

No	DESCRIPTION	DATE
K	RCPI-PB	09/15/23

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DRAWN BY: MSL | CHECKED BY: JRH

AE JOB NUMBER 3450044

UTILITY DETAILS

C-538
SHEET NUMBER

XREF: 3450044201C03XD42.1 \\Ldcfswnet\Haskell\Projects\3450044201C03XD42.dwg
P:\345_Ben\3450044 Project Webster\21Design\Working\CIVIL\03 AutoCAD\03 Sheets\3450044201C-538.dwg Layout Name: C-538 Sep 15, 2023 - 4:33pm PLOTTED BY: rsellrod

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D2 | X | DETAIL | NOT TO SCALE

D3 | X | DETAIL | NOT TO SCALE

D4 | X | DETAIL | NOT TO SCALE

D5 | X | DETAIL | NOT TO SCALE

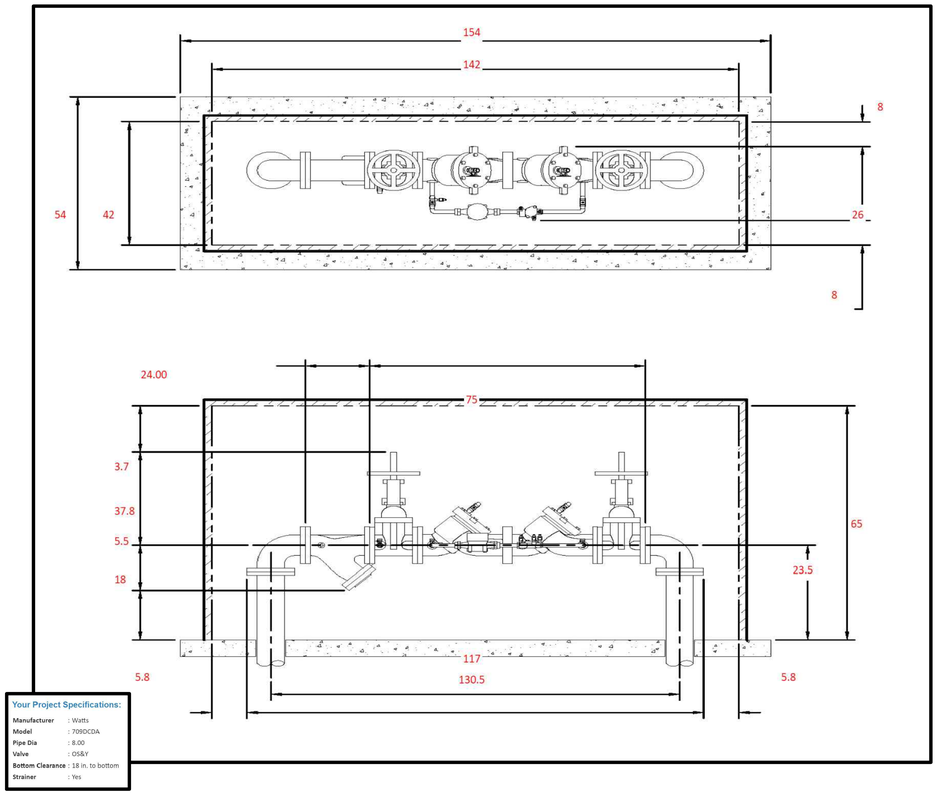
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C2 | X | DETAIL | NOT TO SCALE

C3 | X | DETAIL | NOT TO SCALE

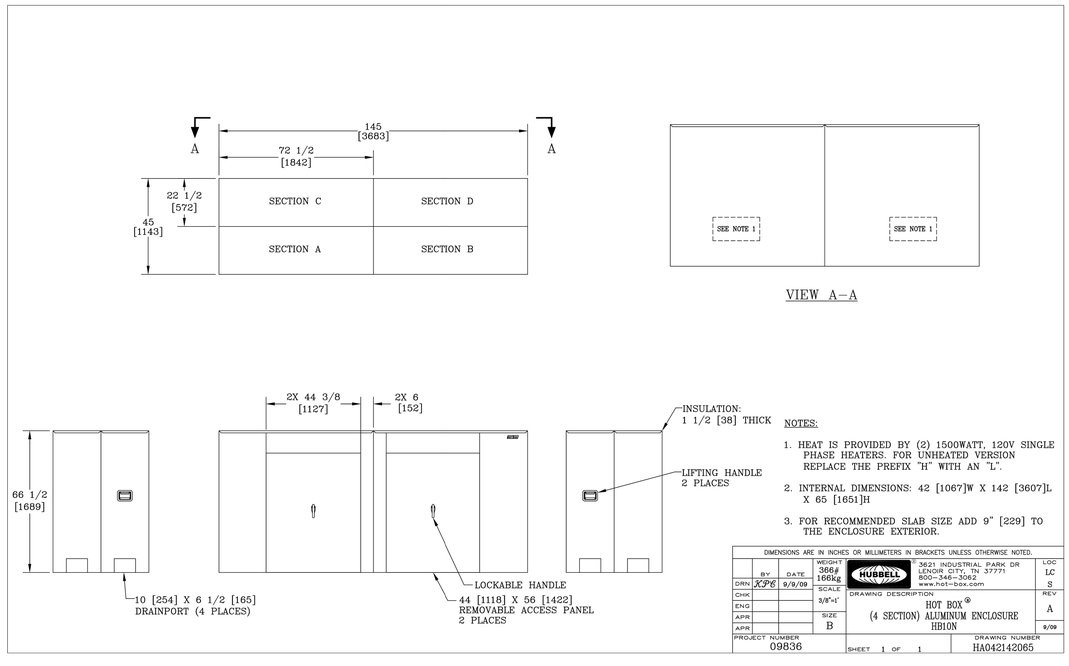
C4 | X | DETAIL | NOT TO SCALE

C5 | X | DETAIL | NOT TO SCALE



Your Project Specifications:

Manufacturer	: Watts
Model	: 709DCDA
Pipe Dia	: 8.00
Valve	: OS&Y
Bottom Clearance	: 18 in. to bottom
Strainer	: Yes



NOTES:

1. HEAT IS PROVIDED BY (2) 1500WATT, 120V SINGLE PHASE HEATERS. FOR UNHEATED VERSION REPLACE THE PREFIX "H" WITH AN "L".
2. INTERNAL DIMENSIONS: 42 [1067]W X 142 [3607]L X 65 [1651]H
3. FOR RECOMMENDED SLAB SIZE ADD 9" [229] TO THE ENCLOSURE EXTERIOR.

DIMENSIONS ARE IN INCHES OR MILLIMETERS IN BRACKETS UNLESS OTHERWISE NOTED.

	BY	DATE
DRN	XPG	9/9/09
CHK		
ENG		
APR		
APR		

WEIGHT: 366# 166kg
SCALE: 3/8"=1'
SIZE: B
PROJECT NUMBER: 09836

HUBBELL
3621 INDUSTRIAL PARK DR
LENOIR CITY, TN 37771
800-346-3062
www.hot-box.com

DRAWING DESCRIPTION: HOT BOX® (4 SECTION) ALUMINUM ENCLOSURE HB10N

LOC: LC S
REV: A 9/09

SHEET 1 OF 1
DRAWING NUMBER: HA042142065

A1 **ALUMINUM HOTBOX WITH HEATER: HUBBELL - 8" FIRE SERVICE**
DETAIL | NOT TO SCALE

JOSHUA J. HAUSH, P.E.
STATE OF NEW YORK
LICENSED PROFESSIONAL ENGINEER
RES. No. 96322

HASKELL ARCHITECTS AND ENGINEERS, P.A. P.C.
NEW YORK - Engineering # 080447
111 Riverside Avenue
Jacksonville, Florida 32202
Phone # (904) 791-4500

FAIRLIFE, LLC (SUBSIDIARY OF THE COCA-COLA COMPANY)

PROJECT IZZO

WEBSTER, NEW YORK

No	DESCRIPTION	DATE
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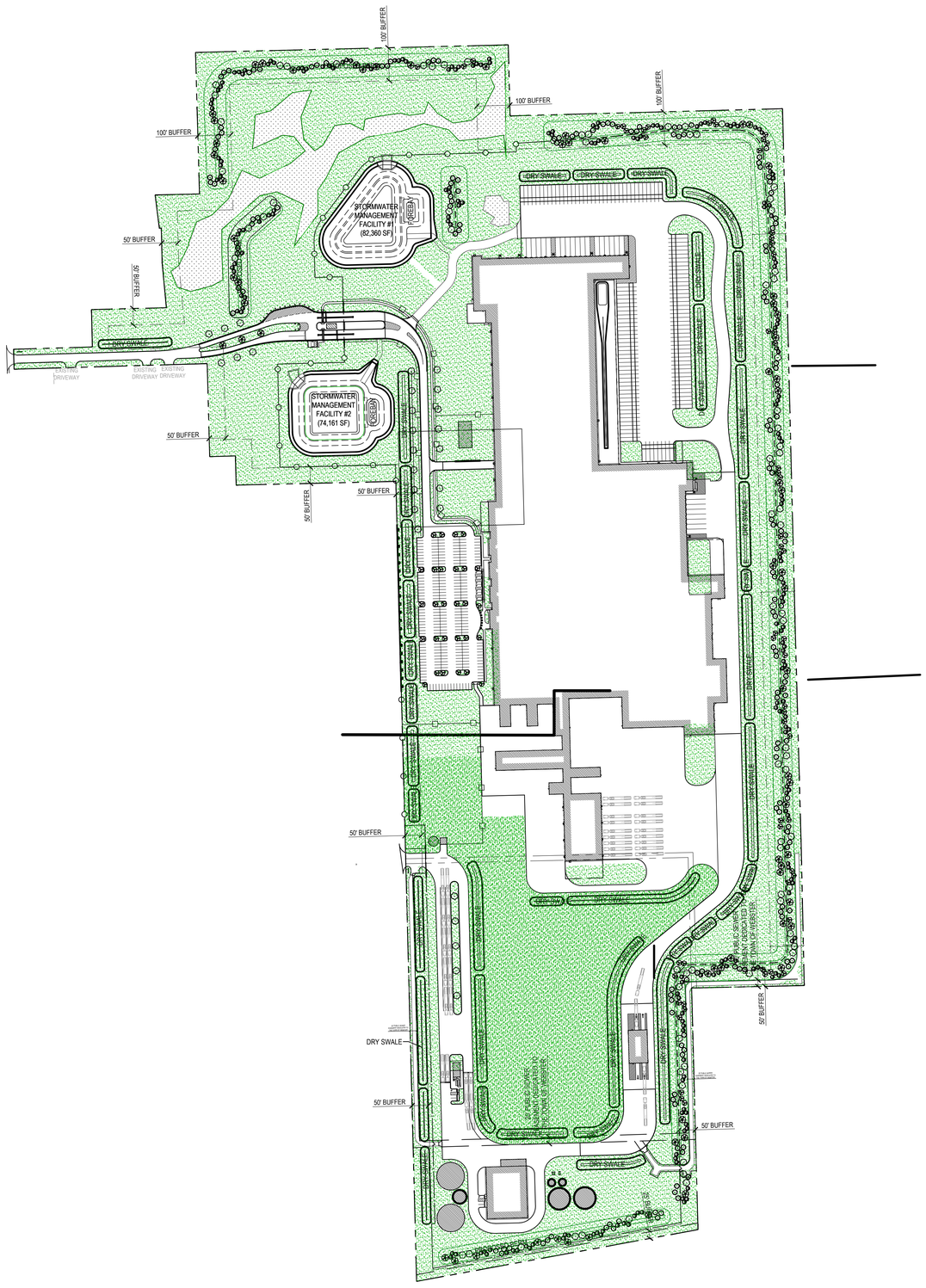
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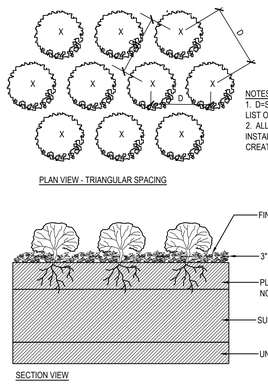
UTILITY DETAILS

C-539
SHEET NUMBER

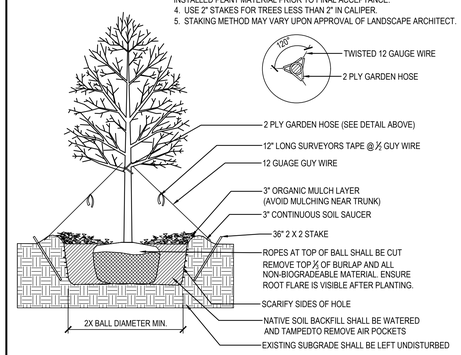
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XREF: 3450044201LOGO02.dwg, 3450044201LOGO02 (1), I:\Documents\Haskell\Projects\Civil\3450044201LOGO02.dwg

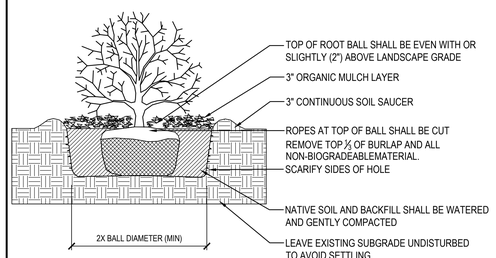

100' BUFFER
100' BUFFER
100' BUFFER
100' BUFFER
50' BUFFER
50' BUFFER
50' BUFFER
50' BUFFER
50' BUFFER
50' BUFFER
50' BUFFER
50' BUFFER
STORMWATER MANAGEMENT FACILITY #1 (82,360 SF)
STORMWATER MANAGEMENT FACILITY #2 (74,161 SF)
GREEN
DRY SWALE
EXISTING DRIVEWAY
EXISTING DRIVEWAY
EXISTING DRIVEWAY
PROPOSED 8" PUBLIC SEWER TO BE DEDICATED TO THE TOWN OF WEBSTER



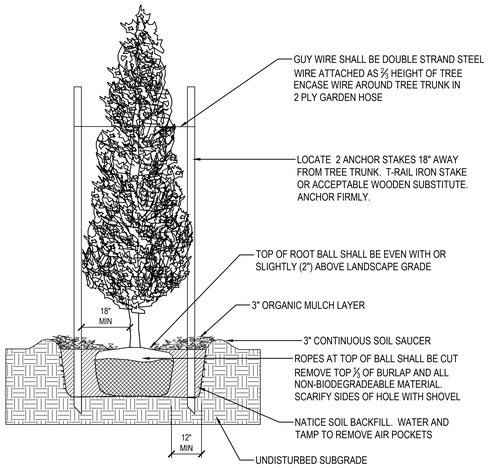
① PLANTING DETAILS (GROUND COVER)



② PLANTING DETAIL (TREES)



③ PLANTING DETAIL (SHRUBS)



④ PLANTING DETAIL (EVERGREEN TREE)

LANDSCAPE NOTES:

1. FOR SITE GRADING AND EROSION CONTROL, SEE CIVIL PLANS.

2. ALL SUBSTITUTIONS TO BE APPROVED BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.

3. SHRUBS SHALL BE SPACED AS SHOWN ON PLANT LIST. TREES SHALL BE INSTALLED AS SHOWN ON DRAWINGS UNLESS OTHERWISE APPROVED BY THE LANDSCAPE ARCHITECT. WHERE FIELD ADJUSTMENTS SEEM NECESSARY, THE LANDSCAPE ARCHITECT SHALL BE CONTACTED FOR REVIEW.

4. WITHIN A PLANTING BED, A MINIMUM OF ONE PLANT PER TYPE SHALL HAVE A DURABLE WATERPROOF LABEL WITH WATER RESISTANT INK LEGIBLE AT TIME OF FINAL INSPECTION. TAGS TO BE REMOVED BY SUBCONTRACTOR WITHIN TWO DAYS OF FINAL INSPECTION.

5. ALL BERMS AND EARTHWORK BY LANDSCAPE SUBCONTRACTOR SHALL HAVE POSITIVE DRAINAGE AFTER LANDSCAPE INSTALLATION. BERMS TO BE APPROVED BY LANDSCAPE ARCHITECT PRIOR TO PLANTING.

6. ALL TREES WITH 5" CALIPER AND OVER SHALL BE TRIPLE STAKED OR GUYED. STAKING METHOD MAY VARY UPON APPROVAL OF THE LANDSCAPE ARCHITECT.

7. PLANTING HOLES SHALL BE TWICE THE DIAMETER OF THE ROOT BALL AND THE SAME DEPTH AS THE ROOT BALL. BACKFILL SHALL OCCUPY THE VOIDS SURROUNDING AND ENCOMPASSING THE ROOT BALL. SUCH BACKFILL SHALL BE COMPOSED OF EXISTING SOIL, AND COMPACTED THOROUGHLY AND FIRMLY TO REMOVE AIR POCKETS AND VACUOLES.

8. ALL PLANT BEDS SHALL BE 'V' EDGED TO DEFINE BEDS AND GRASSED AREAS, ONE FOOT WIDER THAN THE REACH OF THE MOST ADJACENT SHRUBS, AND MULCHED TO A UNIFORM DEPTH OF 3" WITH SHREDDED HARDWOOD TYPE OF MULCH TO BE APPROVED BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.

9. A BERM SHALL BE CREATED AROUND THE ROOT BALL OF EACH SHRUB AND TREE TO FORM A SAUCER AREA FOR WATER RETENTION.

10. FOR GRASSING AND SOD, SEE CIVIL PLANS.

11. ALL WORK SHALL BE PERFORMED IN A FINISHED AND WORKMANLIKE MANNER TO THE ENTIRE SATISFACTION OF THE OWNER AND IN ACCORDANCE WITH THE BEST RECOGNIZED TRADE PRACTICES.

12. ALL WORK IS SUBJECT TO INSPECTION BY THE OWNER AND/OR HIS REPRESENTATIVE AT ANY TIME DURING THE COURSE OF THE WORK. IMPROPERLY EXECUTED WORK AND/OR REJECTED WORK SHALL BE REPLACED IMMEDIATELY. THE OWNER SHALL NOT BE OBLIGATED TO MAKE PAYMENT FOR WORK AND/OR PLANTS OR OTHER MATERIALS WHICH FAIL TO MEET THE REQUIREMENTS OF THE DRAWINGS AND SPECIFICATIONS.

13. ALL TREES AND SHRUBS SHALL BE IN FULL LEAF, FREE OF INSECT AND DISEASE, FREE OF NUTRITIONAL DEFICIENCY, EXHIBIT GOOD COLOR AND CHARACTER, AND SIZED AT NO LESS THAN NOTED IN THE PLANT LIST ON DRAWINGS.

14. TREES SHALL CONFORM TO STANDARDS AS SET FORTH IN THE INTERNATIONAL SOCIETY OF ARBORCULTURE PUBLICATION "Tree & Shrub Transplanting Manual" AND "American Standards for Nursery Stock" OR SIMILAR PUBLICATION.

15. TOPSOIL SHALL BE INDIGENOUS TO THE AREA, NATURALLY FERTILE AND OF A LOAMY SAND NATURE WITH GOOD PERCOLATION PROPERTIES.

16. TREE AND SHRUB FERTILIZER TO BE A COMPLETE COMMERCIAL MIXTURE: 8-8-8. 50% ORGANIC MICRO-ELEMENTS. FERTILIZE AFTER INSTALLATION:
2 LBS./100 SF BED AREAS.
1 LB./CALIPER INCH OF TREES WITHIN THE TREE DRIPLINE.

LANDSCAPE SUBCONTRACTOR'S RESPONSIBILITIES:

1. LANDSCAPE SUBCONTRACTOR SHALL BE RESPONSIBLE FOR INVESTIGATING SOIL AND SUB-SURFACE CONDITIONS.

2. LANDSCAPE SUBCONTRACTOR SHALL BE RESPONSIBLE TO VERIFY PLANT QUANTITIES ON PLANT LIST.

3. SITE UTILITIES ARE SHOWN ON THE CIVIL PLANS. IT SHALL BE THE SUBCONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION OF ALL UTILITIES WITHIN THE LIMITS OF WORK. ALL DAMAGES MADE TO EXISITING UTILITIES BY THE SUBCONTRACTOR SHALL BE THE SOLE RESPONSIBILITY OF THE SUBCONTRACTOR AND SHALL BE REPAIRED AT NO EXPENSE TO THE OWNER.

4. THE LANDSCAPE SUBCONTRACTOR SHALL ADHERE TO THE WRITTEN SPECIFICATIONS AND PLANS FOR ALL PHASES OF LANDSCAPE INSTALLATION.

5. LANDSCAPE SUBCONTRACTOR SHALL MAINTAIN NEW LANDSCAPE AND MONITOR ALL NECESSARY OPERATIONS UNTIL FINAL ACCEPTANCE BY THE OWNER. LANDSCAPE SUBCONTRACTOR TO REPLACE DEAD OR DISEASED PLANT MATERIALS. LANDSCAPE

6. SUBCONTRACTOR SHALL GUARANTEE ALL PLANT MATERIALS FOR A PERIOD OF 90 DAYS; ALL TREES FOR ONE YEAR FROM THE DATE OF ACCEPTANCE.

TREE IRRIGATION SCHEDULE

SIZE OF NURSERY STOCK	IRRIGATION SCHEDULE FOR VIGOR	IRRIGATION SCHEDULE FOR SURVIVAL
< 2 INCH CALIPER	DAILY FOR 2 WEEKS; EVERY OTHER DAY FOR 2 MONTHS; WEEKLY UNTIL ESTABLISHED	TWICE WEEKLY FOR 2-3 MONTHS
2-4 INCH CALIPER	DAILY FOR 1 MONTH; EVERY OTHER DAY FOR 3 MONTHS; WEEKLY UNTIL ESTABLISHED	TWICE WEEKLY FOR 3-4 MONTHS
> 4 INCH CALIPER	DAILY FOR 6 WEEKS; EVERY OTHER DAY FOR 5 MONTHS; WEEKLY UNTIL ESTABLISHED	TWICE WEEKLY FOR 4-5 MONTHS

NOTES ON IRRIGATION:
1. DELETE DAILY IRRIGATION WHEN PLANTING IN WINTER. IRRIGATION FREQUENCY CAN BE REDUCED SLIGHTLY (EX. 2-3 TIMES EACH WEEK INSTEAD OF EVERY OTHER DAY) WHEN PLANTING HARDENED-OFF, FIELD-GROWN TREES THAT WERE ROOT-PRUNED DURING PRODUCTION. ESTABLISHMENT TAKES 3 (HARDINESS ZONES 10-11) TO 4 (HARDINESS ZONES 8-9) MONTHS PER INCH TRUNK CALIPER.
2. IRRIGATION FREQUENCY CAN BE REDUCED SLIGHTLY (EX. TO ONCE OR TWICE EACH WEEK) WHEN PLANTING HARDENED-OFF, FIELD-GROWN TREES THAT WERE ROOT-PRUNED DURING PRODUCTION.
3. AT EACH IRRIGATION, APPLY 2-3 GALLONS PER INCH TRUNK CALIPER TO THE ROOT BALL. APPLY WATER IN A MANNER SO ALL WATER SOAKS INTO THE ROOT BALL. DO NOT WATER IF ROOT BALL IS WET/SATURATED ON THE IRRIGATION DAY.
4. TREES TAKE MUCH LONGER TO ESTABLISH THAN 3-4 MONTHS PER INCH TRUNK CALIPER. IRRIGATE IN DROUGHT THE FOLLOWING SUMMER.

LANDSCAPE GENERAL NOTES

JOSHUA T. HAGEN, P.E.
STATE OF NEW YORK
REGISTERED PROFESSIONAL ENGINEER
LICENSED PROFESSIONAL ENGINEER
REG. NO. 96322

HASKELL ARCHITECTS AND ENGINEERS, P.A. P.C.
NEW YORK - Engineering # 080447
111 Riverside Avenue
Jacksonville, Florida 32202
Phone # (904) 791-4500
HASKELL

FAIRLIFE, LLC (SUBSIDIARY OF THE COCA-COLA COMPANY)

PROJECT IZZO

WEBSTER, NEW YORK

fairlife

No	DESCRIPTION	DATE
K	RCPI-PB	09/15/23
J	RCPI-PB	09/06/23
I	RCPI-PB	08/16/23
G	CPI-PB	07/11/23

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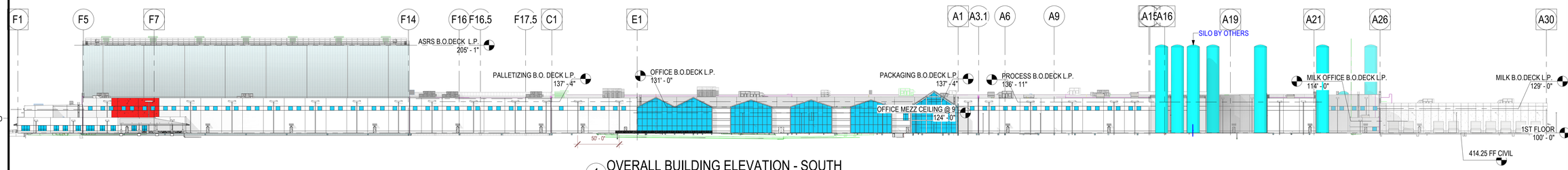
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CHECKED BY:

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3450044

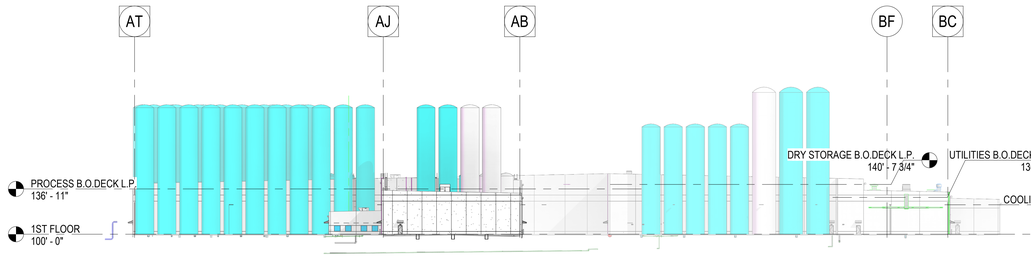
LANDSCAPE DETAILS

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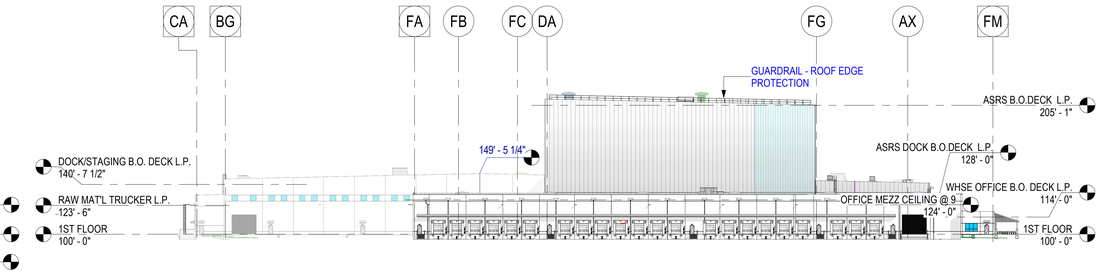
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Last Saved By: randolph.elrod On: September 15, 2023 @ 12:52:34 PM



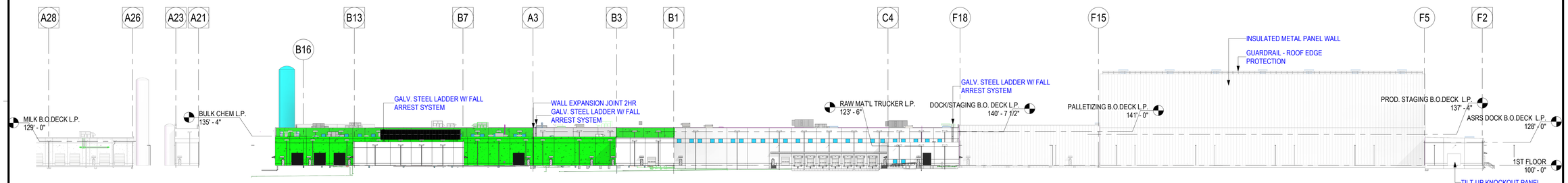
1 OVERALL BUILDING ELEVATION - SOUTH
1" = 50'-0"



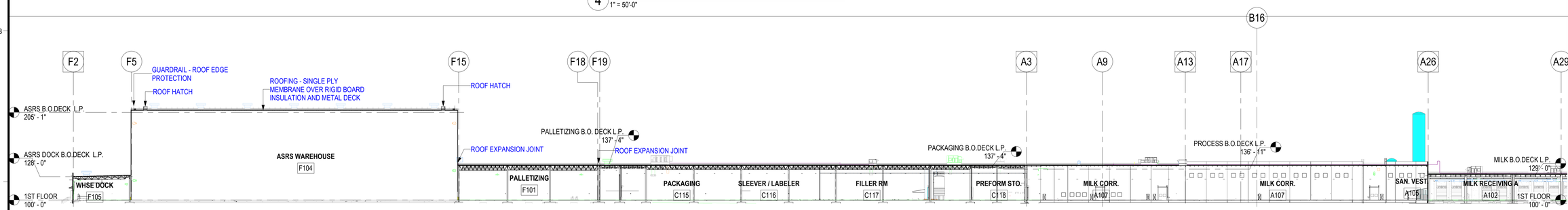
2 OVERALL BUILDING ELEVATION - EAST
1" = 50'-0"



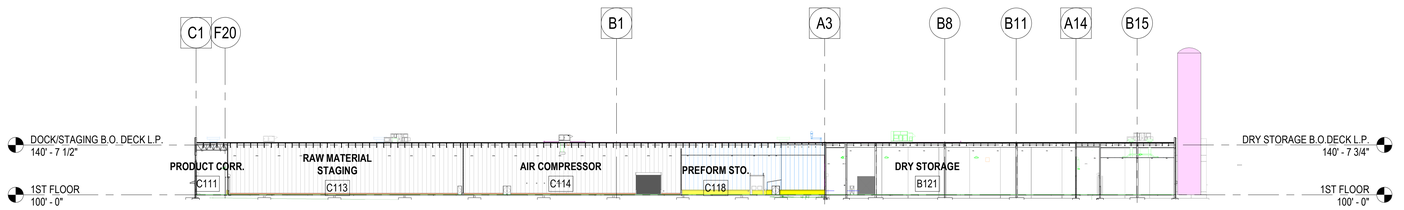
3 OVERALL BUILDING ELEVATION - WEST
1" = 50'-0"



4 OVERALL BUILDING ELEVATION - NORTH
1" = 50'-0"



5 OVERALL BUILDING SECTION LOOKING NORTH
1" = 50'-0"



6 OVERALL BUILDING SECTION LOOKING NORTH
1" = 50'-0"

PETER H. SKRIBST
ARCHITECT
REG. NO. 037090

HASKELL ARCHITECTS AND ENGINEERS, P.A. P.C.
NEW YORK - Engineering # 080447
111 Riverside Avenue
Jacksonville, Florida 32202
Phone # (904) 791-4500
HASKELL®

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AUTHORITY OF:
ARCHITECT
PETER H. SKRIBST
REG. NO. 037090
RELEASED ON THE DATE OF:
08/16/2023

fairlife, LLC SUBSIDIARY OF THE COCA-COLA COMPANY

Project Izzo

WEBSTER, NEW YORK

fairlife

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No	DESCRIPTION	DATE
I	RCPI - PB	08/16/2023
H	DPP	08/11/2023
G	CPI	07/11/2023
F	CPP	06/09/2023
E	PR	05/26/2023
A	50% CPP	04/26/2023

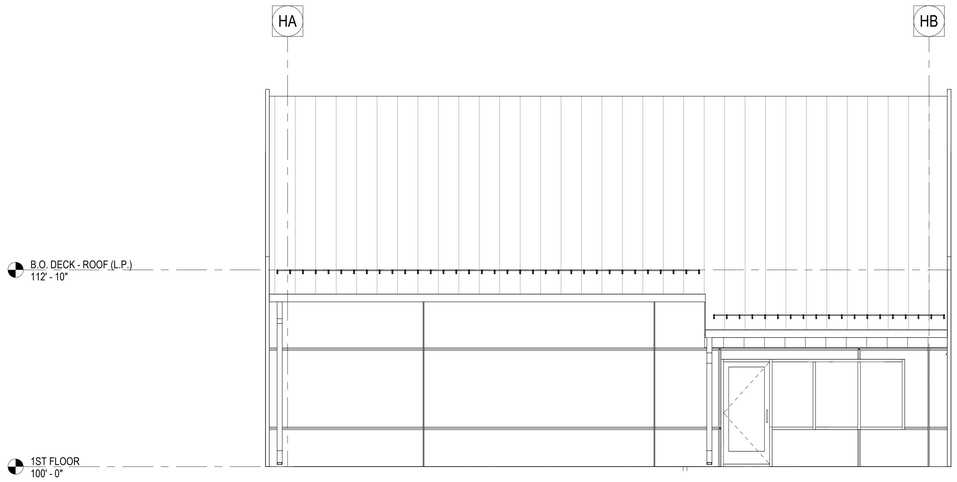
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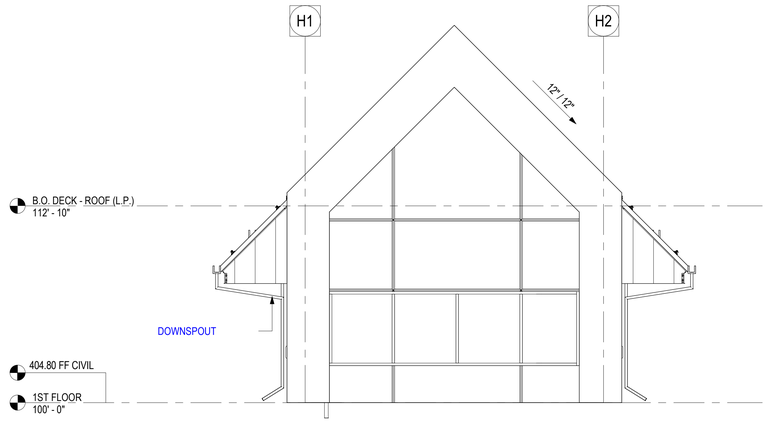
AE JOB NUMBER
3450044

OVERALL BUILDING ELEVATIONS

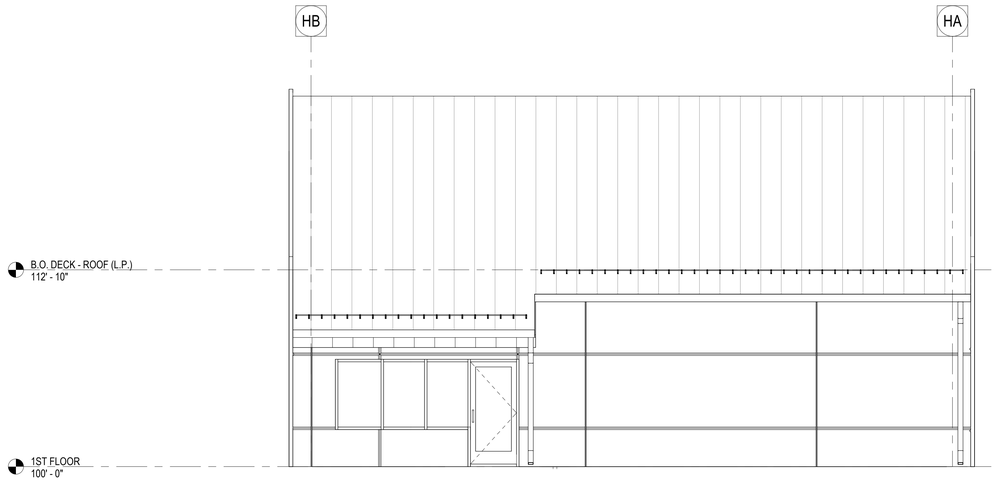
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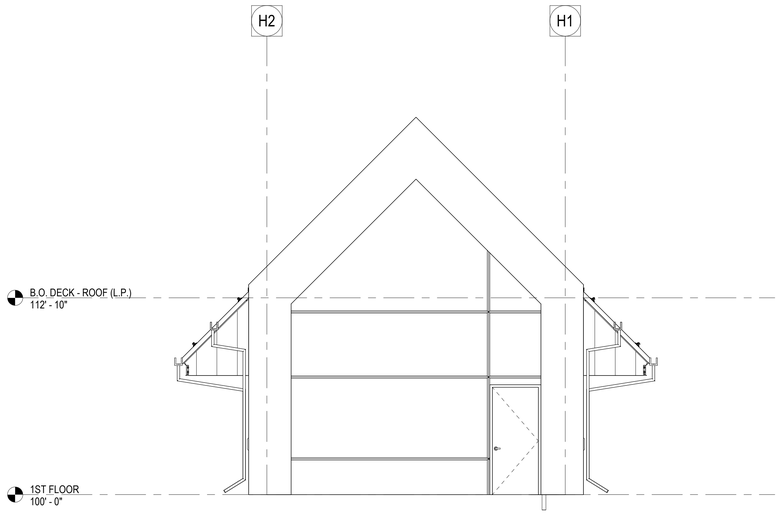
2 BUILDING ELEVATION - NORTH
1/4" = 1'-0"



1 BUILDING ELEVATION - WEST
1/4" = 1'-0"



3 BUILDING ELEVATION - SOUTH
1/4" = 1'-0"



4 BUILDING ELEVATION - EAST
1/4" = 1'-0"

HASKELL ARCHITECTS AND ENGINEERS, P.A. P.C.
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Project Izzo

WEBSTER, NEW YORK

fairlife

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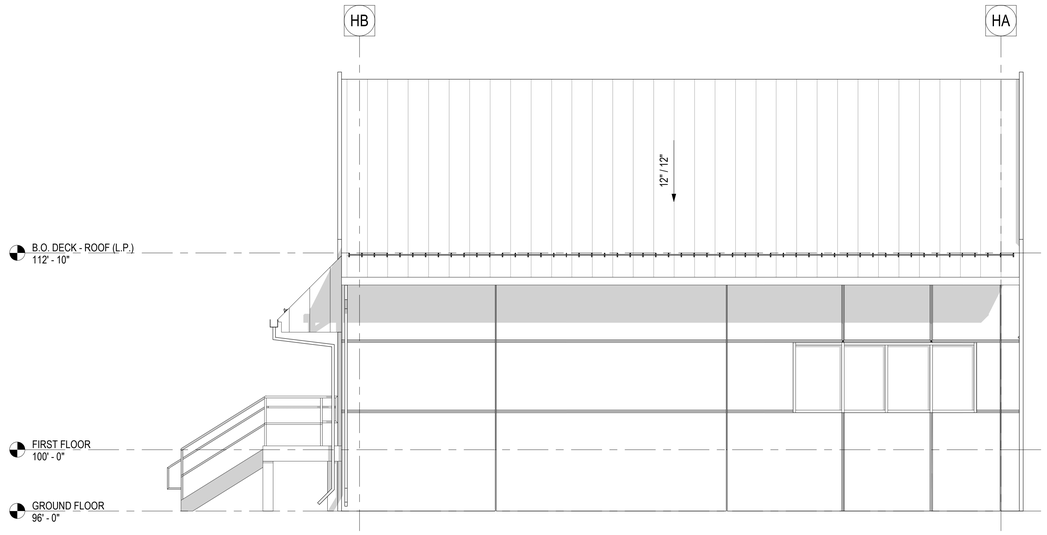
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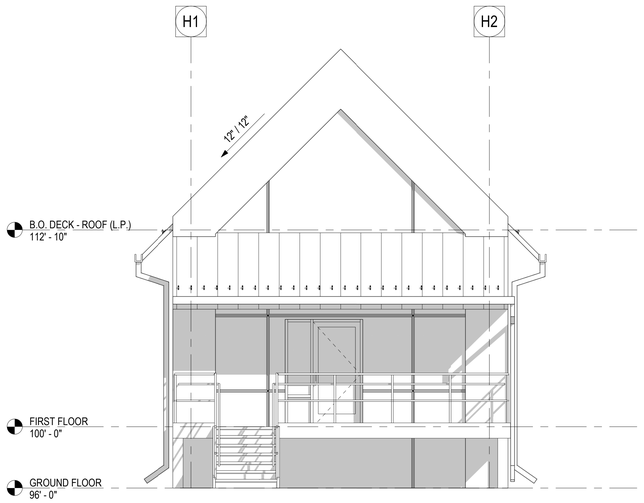
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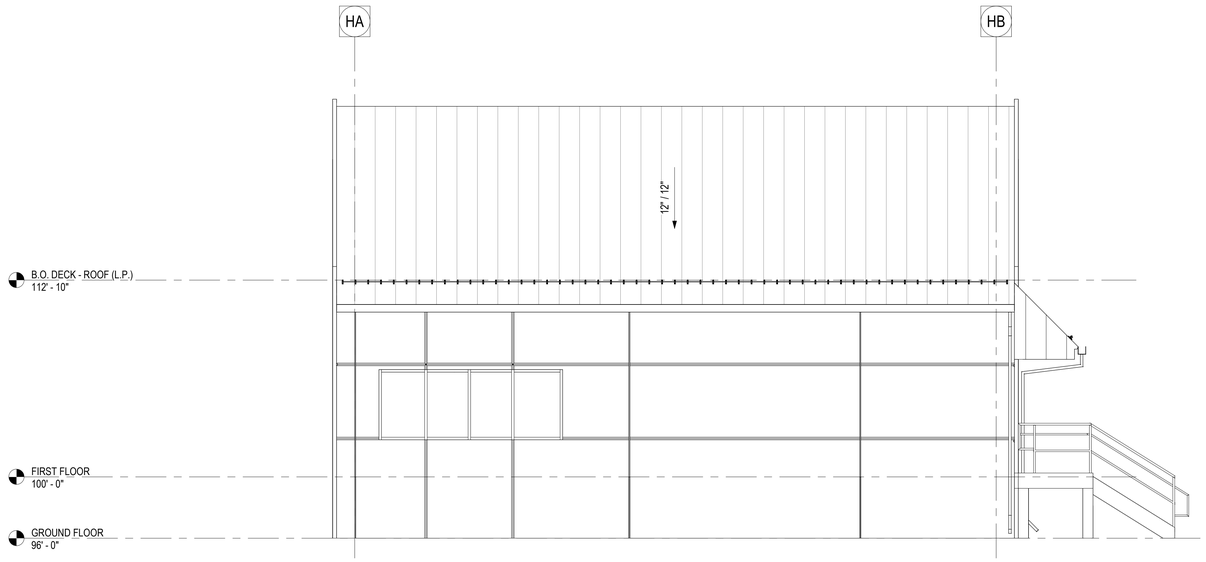
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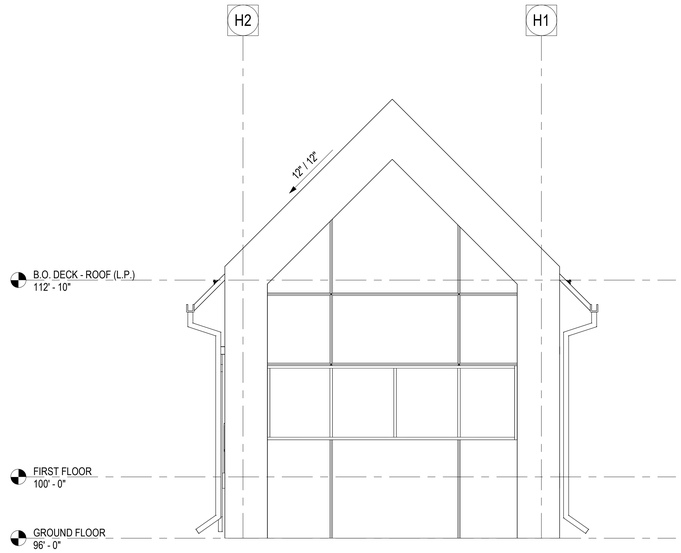
3 BUILDING ELEVATION - EAST
1/4" = 1'-0"



4 BUILDING ELEVATION - EAST
1/4" = 1'-0"



1 BUILDING ELEVATION - WEST
1/4" = 1'-0"



2 BUILDING ELEVATION - NORTH
1/4" = 1'-0"

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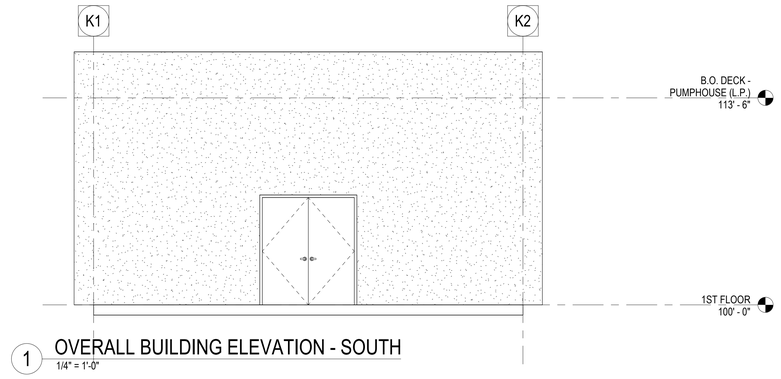
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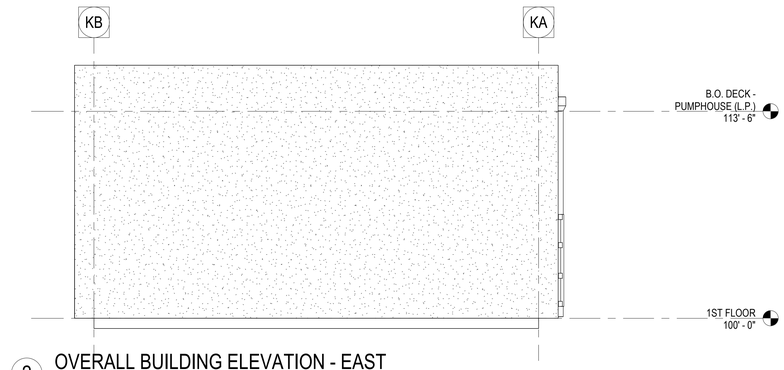
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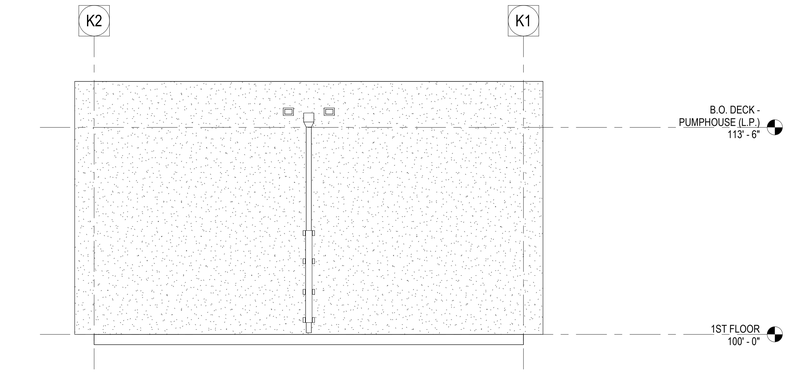
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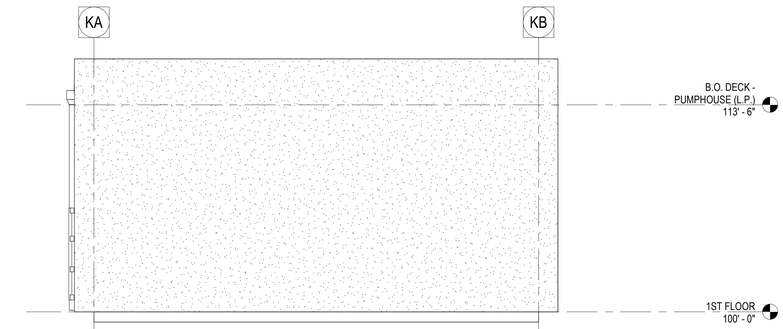
1 OVERALL BUILDING ELEVATION - SOUTH
1/4" = 1'-0"



2 OVERALL BUILDING ELEVATION - EAST
1/4" = 1'-0"



3 OVERALL BUILDING ELEVATION - NORTH
1/4" = 1'-0"



4 OVERALL BUILDING ELEVATION - WEST
1/4" = 1'-0"

ARC-MS

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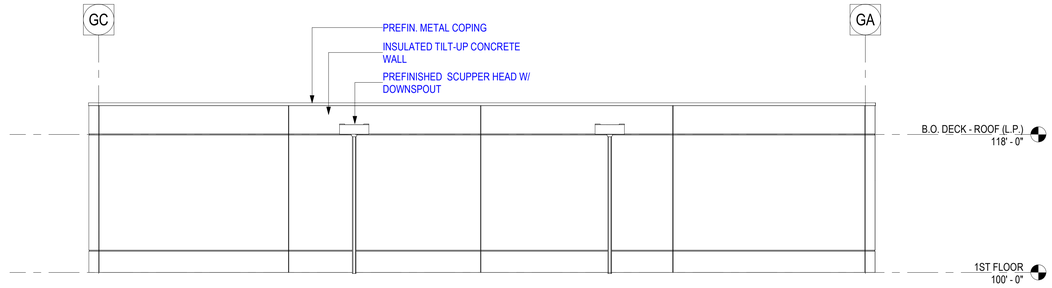
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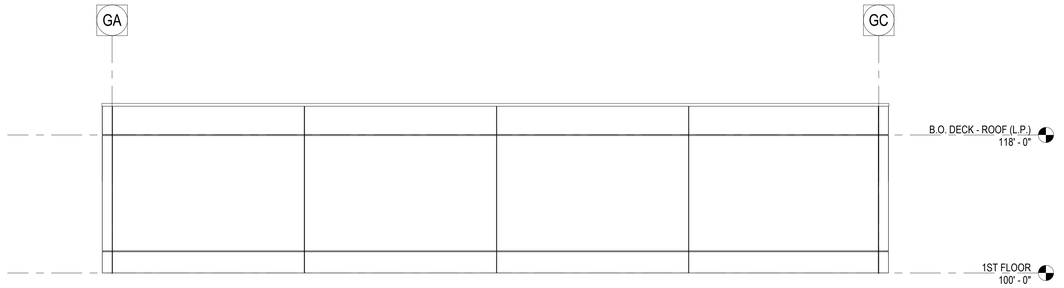
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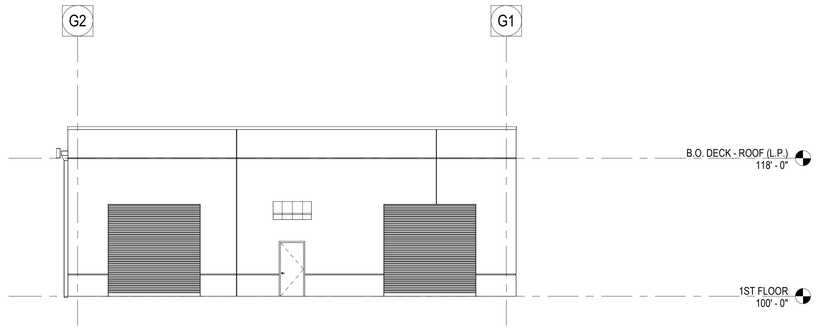
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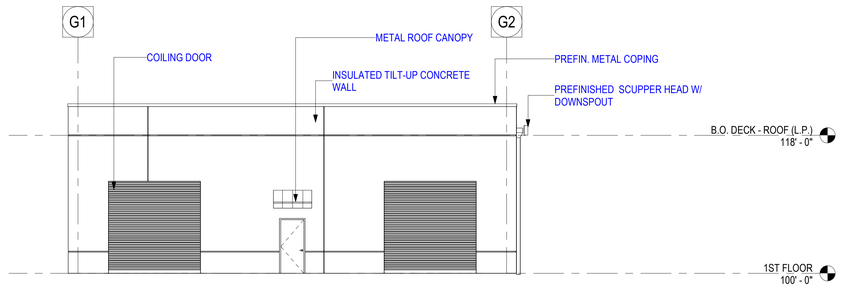
4 BUILDING ELEVATION - EAST
1/8" = 1'-0"



3 BUILDING ELEVATION - WEST
1/8" = 1'-0"



2 BUILDING ELEVATION - NORTH
1/8" = 1'-0"



1 BUILDING ELEVATION - SOUTH
1/8" = 1'-0"

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fairlife

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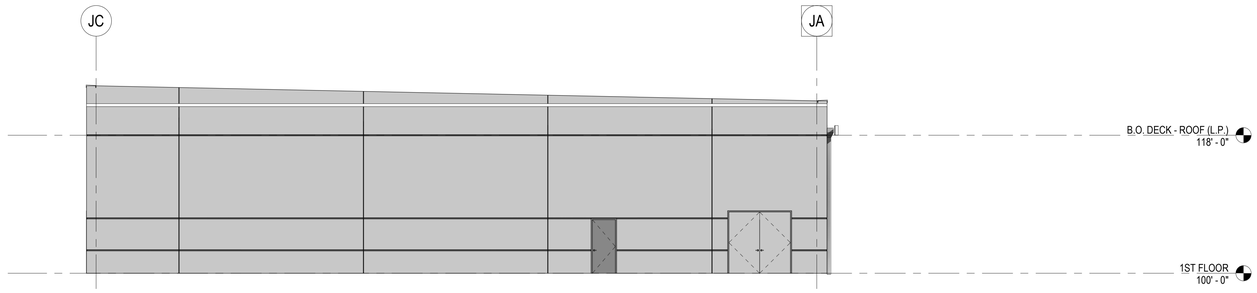
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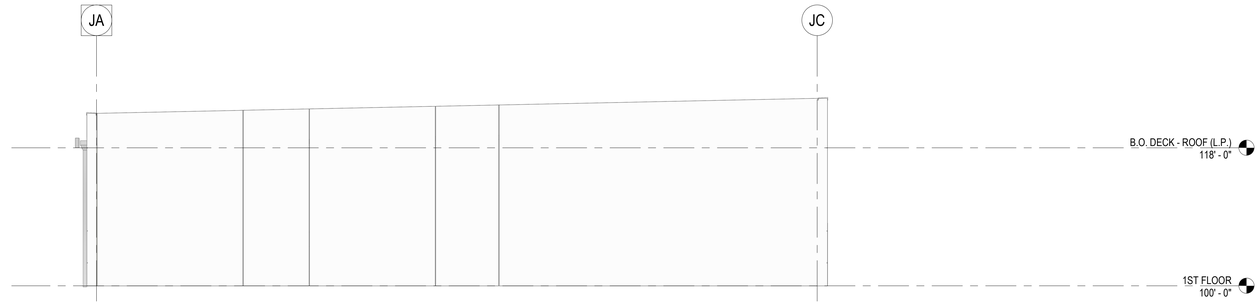
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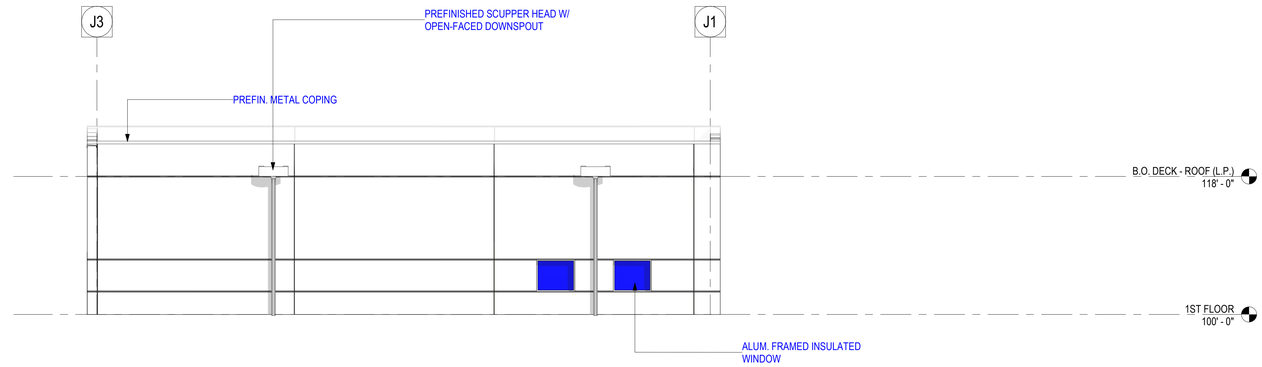
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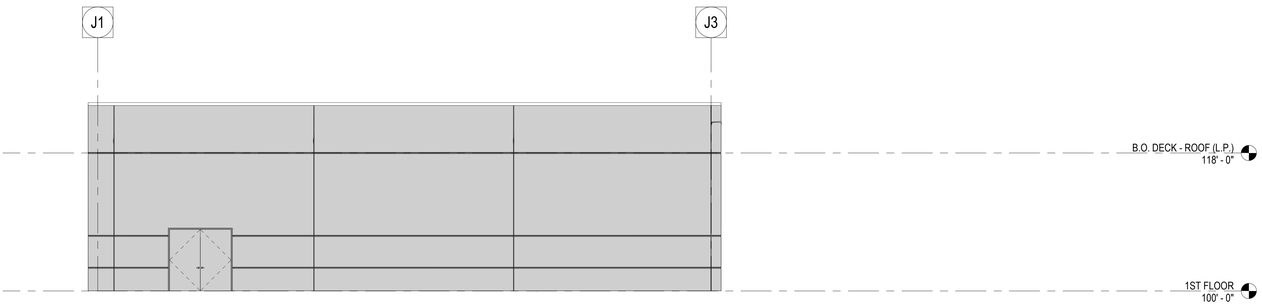
4 BUILDING ELEVATION - EAST
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OVERALL BUILDING ELEVATIONS

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SHEET NUMBER