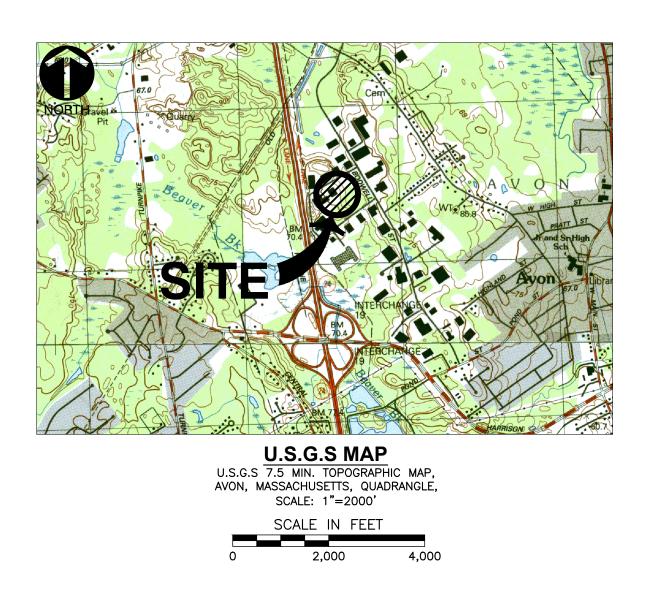
WASTE MANAGEMENT RECYCLING FACILITY BUILDING EXPANSION

20 LEDIN AVENUE, AVON, MA NORFOLK COUNTY

LOCAL PERMITTING APRIL 23, 2021



OWNER/TEAM INFORMATION

CIVIL ENGINEER

CIVIL & ENVIRONMENTAL CONSULTANTS, INC. 31 BELLOWS ROAD RAYNHAM, MA 02767

PH: (774) 501–2176 CONTACTS: KARLIS SKULTE, P.E.

BUILDING DESIGNER BUTLER MANUFACTURING 1540 GENESSEE STREET

KANSAS CITY, MO 64102

APPLICANT

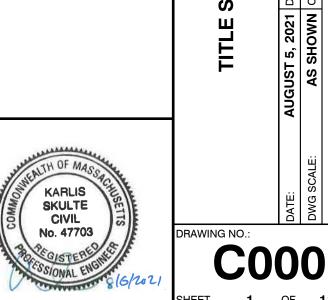
WASTE MANAGEMENT OF MASSACHUSETTS, INC. 26 PATRIOT PLACE FOXBORO, MA 02035 PH: (508) 549-8057 CONTACTS: PETER RICHER, P.E.

	SITE MAP	
	SCALE: 1"=200'	
	SCALE IN FEET	
0	200	400
FERENCE		

ORTHOGRAPHIC AERIAL IMAGERY, MAPS AND PARCELS ARE BASED ON GIS DATA PROVIDED BY THE BUREAU OF GEOGRAPHIC INFORMATIONS (MASSGIS), COMMONWEALTH OF MASSACHUSETTS EXECUTIVE OFFICE OF TECHNOLOGY AND SECURITY SYSTEMS. ACCESSED JULY 2019.

		DRAWING INDEX	
SHEET NUMBER	DRAWING NUMBER	SHEET TITLE	LATEST ISSUE
		CIVIL ENGINEERING	
1	C000	TITLE SHEET	8/5/2021
2	C001	GENERAL NOTES	4/23/2021
3	C100	EXISTING CONDITIONS PLAN	8/5/2021
4	C101	DEMOLITION & EROSION CONTROL PLAN	8/5/2021
5	C200	LAYOUT & MATERIALS PLAN	8/5/2021
6	C300	GRADING AND DRAINAGE PLAN	8/5/2021
7	C500	UTILITY PLAN	8/5/2021
8	C600	LIGHTING PLAN	8/5/2021
9	C800	SITE DETAILS 1	8/5/2021
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11	C802	SITE DETAILS 3	8/5/2021
		ARCHITECTURE / BUILDING DESIGN	
1	A100	ARCHITECTURAL EXTERIOR ELEVATIONS	8/2/2021
2	A101	ARCHITECTURAL EXTERIOR ELEVATIONS	8/2/2021
3	-	COVER SHEET	4/23/2021
4	-	CODES AND LOADS	4/23/2021
5	-	ANCHOR ROD PLAN	4/23/2021
6	-	ROOF COVERING PLAN	4/23/2021
7	-	COVERING AT 1	4/23/2021
8	-	COVERING AT 17	4/23/2021
9	-	COVERING AT E	4/23/2021
10	-	COVERING AT P	4/23/2021







GENERAL NOTES

- 1. EXISTING CONDITIONS AS DEPICTED ON THESE PLANS ARE GENERAL AND ILLUSTRATIVE IN NATURE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO EXAMINE THE SITE AND BE FAMILIAR WITH EXISTING CONDITIONS PRIOR TO BIDDING ON THIS PROJECT. IF CONDITIONS ENCOUNTERED DURING EXAMINATION ARE SIGNIFICANTLY DIFFERENT FROM THOSE SHOWN, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY.
- 2. EXISTING SITE INFORMATION / TOPOGRAPHIC SURVEY WAS PREPARED BY WSP USA. INC., DATED MARCH 29, 2019 AND REVISED ON JULY 25, 2019. CEC IS NOT RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN
- 3. WETLAND FLAGS WF-A1 THROUGH WF-A6 DELINEATED BY LUCAS ENVIRONMENTAL, LLC IN JULY,
- 4. THE CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION OF ALL EXISTING UTILITIES (INCLUDING THOSE LABELED PER RECORD DATA) PRIOR TO THE BEGINNING OF CONSTRUCTION OR EARTH MOVING OPERATIONS. INFORM ENGINEER OF ANY CONFLICTS DETRIMENTAL TO THE DESIGN INTENT.
- 5. THE CONTRACTOR AND SUBCONTRACTORS SHALL BE RESPONSIBLE FOR COMPLYING WITH APPLICABLE FEDERAL, STATE AND LOCAL REQUIREMENTS, TOGETHER WITH EXERCISING PRECAUTIONS AT ALL TIMES FOR THE PROTECTION OF PERSONS (INCLUDING EMPLOYEES) AND PROPERTY. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND SUBCONTRACTORS TO INITIATE, MAINTAIN AND SUPERVISE ALL SAFETY REQUIREMENTS, PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE
- 6. THE CONTRACTOR SHALL INDEMNIFY AND HOLD HARMLESS THE OWNER AND OWNER'S REPRESENTATIVE FOR ANY AND ALL INJURIES AND/OR DAMAGES TO PERSONNEL, EQUIPMENT AND/OR EXISTING FACILITIES OCCURRING IN THE COURSE OF THE DEMOLITION AND CONSTRUCTION DESCRIBED IN THE PLANS AND SPECIFICATIONS.
- 7. CONTRACTOR SHALL OBTAIN A PERMIT FOR ALL CONSTRUCTION ACTIVITIES IN ACCORDANCE WITH LOCAL, STATE, & FEDERAL REGULATIONS.
- 8. THE CONTRACTOR SHALL COMPLY WITH ALL LOCAL CODES, OBTAIN ALL APPLICABLE PERMITS, AND PAY ALL REQUIRED FEES PRIOR TO BEGINNING WORK.
- 9. ANY WORK PERFORMED IN THE LOCAL OR STATE RIGHT OF WAYS SHALL BE IN ACCORDANCE WITH THE APPLICABLE LOCAL OR STATE REQUIREMENTS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN THE NECESSARY PERMITS FOR THE WORK, SCHEDULE NECESSARY INSPECTIONS, AND PROVIDE THE NECESSARY TRAFFIC CONTROL MEASURES AND DEVICES, ETC., FOR WORK PERFORMED IN THE RIGHT OF WAYS.
- 10. CONTRACTOR SHALL IMPLEMENT ALL SOIL AND EROSION CONTROL, PRACTICES REQUIRED BY THE TOWN OF AVON, NORFOLK COUNTY AND THE MASSACHUSETTS DEPARTMENT OF ENVIRONMENTAL
- 11. ALL GROUND SURFACE AREAS THAT HAVE BEEN EXPOSED OR LEFT BARE AS A RESULT OF CONSTRUCTION AND ARE TO FINAL GRADE AND ARE TO REMAIN SO, SHALL BE SEEDED AND MULCHED AS SOON AS PRACTICAL IN ACCORDANCE WITH SPECIFICATIONS. IF NO SPECIFICATIONS ARE SUPPLIED, USE THE STATE OF MASSACHUSETTS DEPARTMENT OF TRANSPORTATION HIGHWAY DIVISION SECTION 751.
- 12. ITEM NUMBERS REFER TO THE MASSACHUSETTS DEPARTMENT OF TRANSPORTATION HIGHWAY DIVISION 1988 ENGLISH STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGE AND SUBSEQUENT SUPPLEMENTAL SPECIFICATIONS, AND ALL CONSTRUCTION WORK SHALL BE DONE ACCORDING TO SAID SPECIFICATIONS AND IN ACCORDANCE WITH APPLICABLE STANDARDS OF THE TOWN OF AVON AND NORFOLK COUNTY. WHEN IN CONFLICT, THE NORFOLK COUNTY REQUIREMENTS SHALL PREVAIL.
- 13. ALL WORK PERFORMED BY THE CONTRACTOR SHALL CONFORM TO THE LATEST REGULATIONS OF THE AMERICANS WITH DISABILITIES ACT.
- 14. THE CONTRACTOR SHALL REFER TO OTHER PLANS WITHIN THIS CONSTRUCTION SET FOR OTHER PERTINENT INFORMATION. IT IS NOT THE ENGINEER'S INTENT THAT ANY SINGLE PLAN SHEET IN THIS SET OF DOCUMENTS FULLY DEPICT ALL WORK ASSOCIATED WITH THE PROJECT
- 15. BEFORE INSTALLATION OF STORM OR SANITARY SEWER, OR OTHER UTILITY, THE CONTRACTOR SHALL VERIFY ALL CROSSINGS, BY EXCAVATION WHERE NECESSARY, AND INFORM THE OWNER AND THE ENGINEER OF ANY CONFLICTS. THE ENGINEER WILL BE HELD HARMLESS IN THE EVENT HE IS NOT NOTIFIED OF DESIGN CONFLICTS PRIOR TO CONSTRUCTION.
- 16. ADJUST/RECONSTRUCT ALL EXISTING CASTINGS, CLEANOUTS, ETC. WITHIN PROJECT AREA TO GRADE AS REQUIRED.

DEMOLITION NOTES

- 1. ALL DEMOLITION WASTE AND CONSTRUCTION DEBRIS SHALL BECOME THE PROPERTY OF THE CONTRACTOR UNLESS OTHERWISE DESIGNATED AND SHALL BE REMOVED BY THE CONTRACTOR AND DISPOSED OF OFFSITE IN A STATE APPROVED WASTE SITE AND IN ACCORDANCE WITH ALL LOCAL AND STATE CODES AND PERMIT REQUIREMENTS. TAKE CARE TO PROTECT UTILITIES THAT ARE TO REMAIN. REPAIR DAMAGE ACCORDING TO THE APPROPRIATE UTILITY COMPANY STANDARDS AND AT THE CONTRACTOR'S EXPENSE.
- 2. ALL UTILITY DISCONNECTION, REMOVAL, RELOCATION, CUTTING, CAPPING AND/OR ABANDONMENT SHALL BE COORDINATED WITH THE APPROPRIATE UTILITY COMPANY / AGENCY.
- 3. THE BURNING OF CLEARED MATERIAL AND DEBRIS SHALL NOT BE ALLOWED UNLESS CONTRACTOR OBTAINS PRIOR WRITTEN AUTHORIZATION FROM THE LOCAL AUTHORITIES.
- 4. EROSION & SEDIMENT CONTROL MEASURES AROUND AREAS OF DEMOLITION SHALL BE PROPERLY INSTALLED AND FUNCTION PROPERLY PRIOR TO INITIALIZATION OF DEMOLITION ACTIVITIES.
- 5. ASBESTOS OR HAZARDOUS MATERIALS ARE NOT EXPECTED/ANTICIPATED IF FOUND ON SITE, SUCH MATERIALS SHALL BE REMOVED BY A LICENSED HAZARDOUS MATERIALS CONTRACTOR. CONTRACTOR SHALL NOTIFY OWNER IMMEDIATELY IF HAZARDOUS MATERIALS ARE ENCOUNTERED.
- 6. CONTRACTOR SHALL ADHERE TO ALL LOCAL, STATE, FEDERAL AND OSHA REGULATIONS DURING ALL DEMOLITION ACTIVITIES.
- 7. CONTRACTOR SHALL PROTECT ALL CORNER PINS, MONUMENTS, PROPERTY CORNERS AND BENCHMARKS DURING DEMOLITION ACTIVITIES. IF DISTURBED, CONTRACTOR SHALL HAVE DISTURBED ITEMS RESET BY A LICENSED SURVEYOR AT NO ADDITIONAL COST TO THE OWNER.
- 8. CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES, STRUCTURES, AND FEATURES TO REMAIN. ANY ITEMS TO REMAIN THAT HAVE BEEN DISTURBED OR DAMAGED AS A RESULT OF CONSTRUCTION SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT CONTRACTOR'S EXPENSE.
- 9. CONTRACTOR SHALL PROVIDE AND MAINTAIN TRAFFIC CONTROL MEASURES IN ACCORDANCE WITH STATE DEPARTMENT OF TRANSPORTATION REGULATIONS AND AS REQUIRED BY LOCAL AGENCIES WHEN WORKING IN AND/OR ALONG STREETS, ROADS, HIGHWAYS, ETC.. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN APPROVAL AND COORDINATE WITH LOCAL AND/OR STATE AGENCIES REGARDING THE NEED, EXTENT AND LIMITATIONS ASSOCIATED WITH INSTALLING AND MAINTAINING TRAFFIC CONTROL MEASURES.
- 10. ALL UTILITY AND STRUCTURE REMOVAL. RELOCATION, CUTTING, CAPPING AND/OR ABANDONMENT SHALL BE COORDINATED AND PROPERLY DOCUMENTED BY A CERTIFIED PROFESSIONAL, WHEN APPLICABLE, WITH THE APPROPRIATE UTILITY COMPANY, MUNICIPALITY AND/OR AGENCY. DEMOLITION OF REGULATED ITEMS MAY INCLUDE. BUT ARE NOT LIMITED TO WELLS. ASBESTOS, UNDER GROUND STORAGE TANKS. SEPTIC TANKS AND ELECTRIC TRANSFORMERS. DEMOLITION CONTRACTOR SHALL REFER TO ANY ENVIRONMENTAL STUDIES FOR DEMOLITION RECOMMENDATIONS AND GUIDANCE. AVAILABLE ENVIRONMENTAL STUDIES MAY INCLUDE, BUT ARE NOT LIMITED TO PHASE I ESA, PHASE II WETLAND AND STREAM DELINEATION AND ASBESTOS SURVEY. ALL APPLICABLE ENVIRONMENTAL STUDIES SHALL BE MADE AVAILABLE UPON REQUEST.
- 11. ALL PAVEMENT, BASE COURSES, SIDEWALKS, CURBS, BUILDINGS, FOUNDATIONS, ETC., WITHIN THE AREA TO BE DEMOLISHED SHALL BE REMOVED TO FULL DEPTH. EXISTING BASE COURSE MATERIALS MAY BE WORKED INTO THE NEW PAVEMENT OR BUILDING SUBGRADE IF THE GRADATION, CONSISTENCY, COMPACTION, SUBGRADE CONDITION, ETC., ARE IN ACCORDANCE WITH THE SPECIFICATIONS AND RECOMMENDATIONS OF THE REPORT OF GEOTECHNICAL INVESTIGATION. BASE COURSE MATERIALS SHALL NOT BE WORKED INTO THE SUBGRADE AREAS TO RECEIVE LANDSCAPING.
- 12. THE CONTRACTOR SHALL USE SUITABLE METHODS TO CONTROL DUST AND DIRT CAUSED BY THE

LAYOUT NOTES

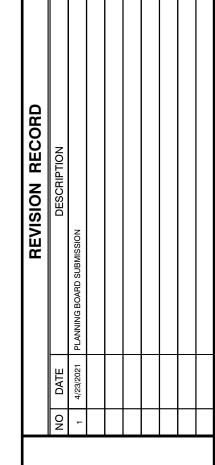
- 1. THE CONTRACTOR SHALL CHECK EXISTING GRADES, DIMENSIONS, AND INVERTS IN THE FIELD AND REPORT ANY DISCREPANCIES TO THE OWNER'S REPRESENTATIVE PRIOR TO BEGINNING WORK.
- 2. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES, INCLUDING IRRIGATION LINES. TAKE CARE TO PROTECT UTILITIES THAT ARE TO REMAIN. RELOCATE EXISTING UTILITIES AS INDICATED, OR AS NECESSARY FOR CONSTRUCTION.
- 3. PROVIDE A SMOOTH TRANSITION BETWEEN EXISTING PAVEMENT AND NEW PAVEMENT. FIELD ADJUSTMENT OF FINAL GRADES MAY BE NECESSARY. INSTALL ALL UTILITIES, INCLUDING IRRIGATION SLEEVING, PRIOR TO INSTALLATION OF PAVED SURFACES.
- 4. ALL DAMAGE TO EXISTING PAVEMENT TO REMAIN, WHICH RESULTS FROM THE CONTRACTOR'S OPERATIONS SHALL BE REPLACED WITH LIKE MATERIALS AT THE CONTRACTOR'S EXPENSE.
- 5. COORDINATES ARE FOR BUILDING COLUMNS, EXTERIOR BUILDING WALL, CENTER OF DRIVEWAYS, CENTER OF SANITARY SEWER MANHOLES, AND CENTER OF STRUCTURE PLACED SIX INCHES INSIDE FACE OF CURB FOR DRAIN INLETS, UNLESS OTHERWISE NOTED.
- 6. CONTRACTOR SHALL MAINTAIN ONE SET OF AS-BUILT / RECORD DRAWINGS ON-SITE DURING CONSTRUCTION FOR DISTRIBUTION TO THE OWNER AND/OR OWNER'S REPRESENTATIVE UPON COMPLETION.
- 7. REFER TO THE ARCHITECTURAL, PLUMBING & ELECTRICAL DRAWINGS FOR EXACT DIMENSIONS AND LOCATIONS OF UTILITY SERVICE ENTRY LOCATIONS AND PRECISE BUILDING DIMENSIONS.
- 8. THIS SITE LAYOUT IS SPECIFIC TO THE APPROVALS NECESSARY FOR THE CONSTRUCTION IN ACCORDANCE WITH THE TOWN OF AVON. NO CHANGES TO THE SITE LAYOUT ARE ALLOWED WITHOUT THE WRITTEN APPROVAL OF THE ENGINEER. CHANGES MADE TO THE SITE LAYOUT WITHOUT APPROVAL IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR. CHANGES INCLUDE BUT ARE NOT LIMITED TO, INCREASED IMPERVIOUS PAVEMENT, ADDITION / DELETION OF PARKING SPACES, MOVEMENT OF CURB LINES, CHANGES TO DRAINAGE STRUCTURES AND PATTERNS, LANDSCAPING,

STORM DRAINAGE NOTES

- 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH THE INSTALLATION. INSPECTION, TESTING AND FINAL ACCEPTANCE OF ALL NEW STORMWATER MANAGEMENT FACILITIES CONSTRUCTION. CONTRACTOR SHALL COORDINATE WITH ALL APPLICABLE REGULATING AGENCIES CONCERNING INSTALLATION, INSPECTION AND APPROVAL OF THE STORM DRAINAGE SYSTEM CONSTRUCTION.
- 2. ALL STORMWATER MANAGEMENT FACILITIES, INCLUDING COLLECTION AND CONVEYANCE STRUCTURES SHALL BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE LOCAL AND STATE CODES AND REGULATIONS.
- 3. FOR EXACT LOCATION OF DOWN SPOUTS & ROOF DRAINS, CONTRACTOR IS TO COORDINATE WITH ARCHITECTURAL AND PLUMBING DRAWINGS.
- 4. ALL PROPOSED STORM SEWERS, SURFACE OR OTHER DRAINAGE FACILITIES ARE TO BE PRIVATE AND MAINTAINED BY THE OWNER.
- 5. THE CONTRACTOR IS TO CONSTRUCT CURBS, CATCH BASINS, DOWNSPOUTS, PIPING AND CONNECTION ETC. AS REQUIRED TO CONVEY THE ROOF AND PAVED SURFACE DRAINAGE TO THE DETENTION

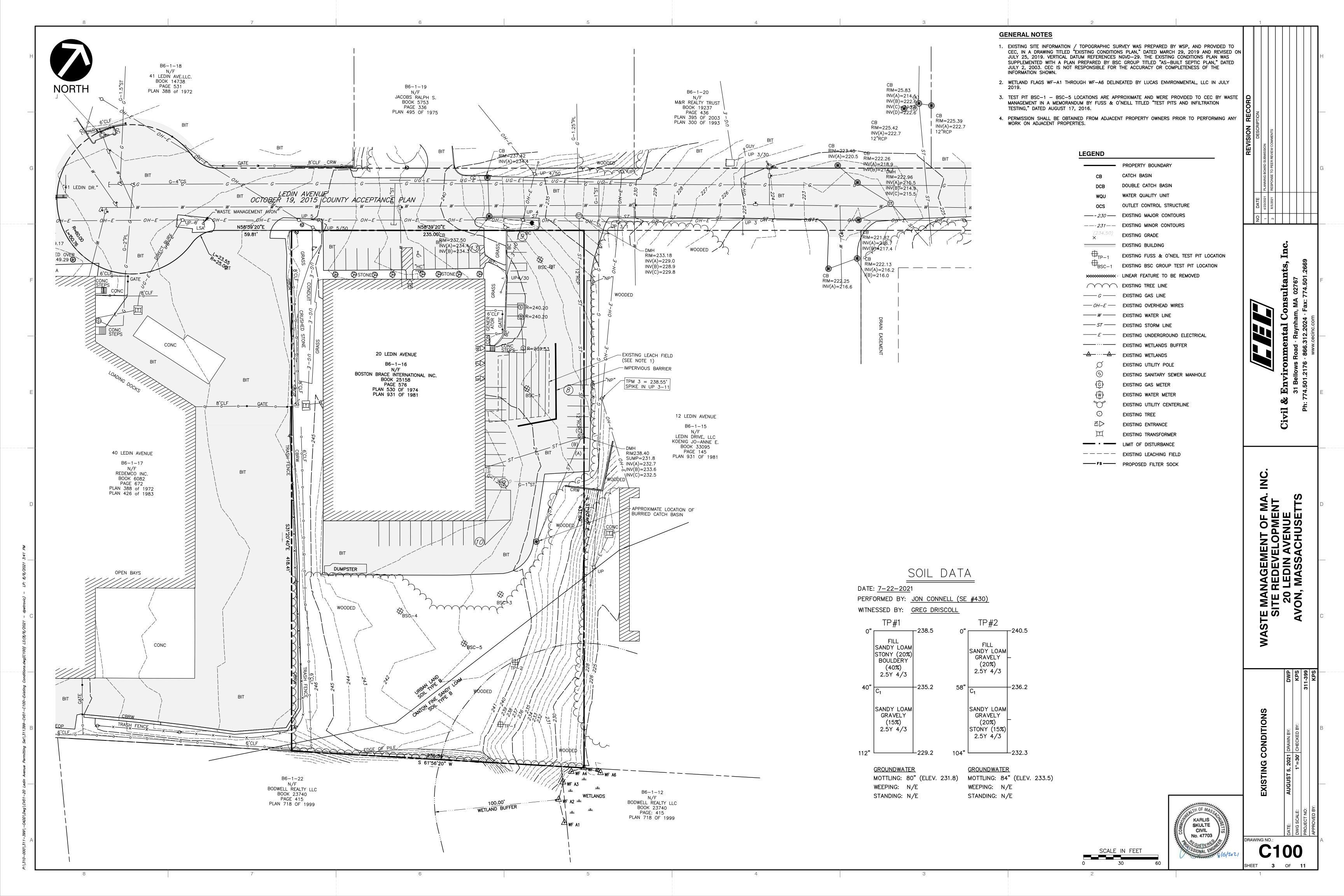
UTILITY NOTES

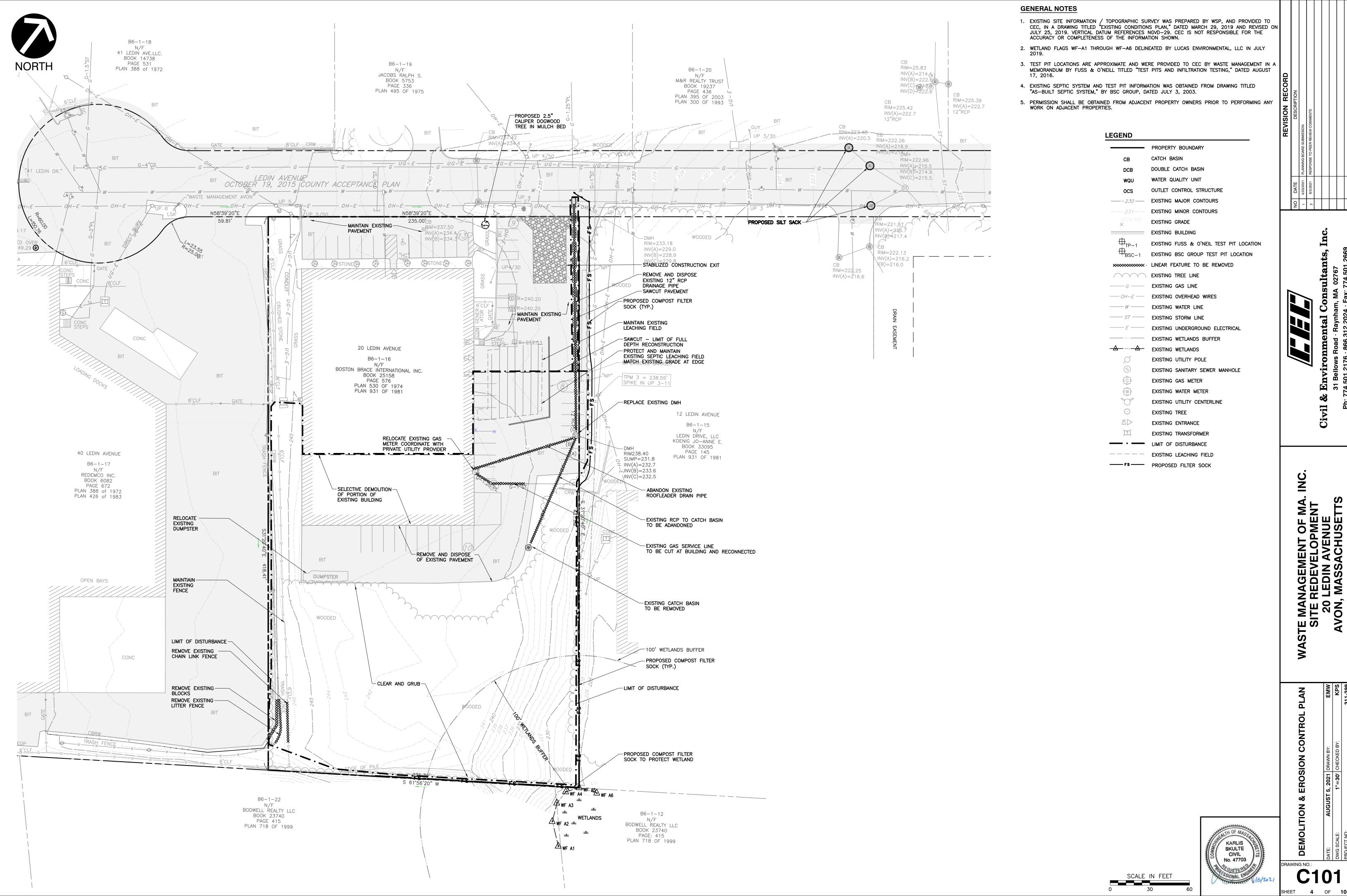
- 1. THE CONTRACTOR IS PARTICULARLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF THE EXISTING UTILITIES SHOWN HEREON IS BASED ON TOPOGRAPHIC SURVEYS AND RECORD DRAWINGS. THE CONTRACTOR SHALL NOT RELY UPON THIS INFORMATION AS BEING EXACT OR COMPLETE. SHOULD UNCHARTED UTILITIES BE ENCOUNTERED DURING EXCAVATION OPERATIONS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AS SOON AS POSSIBLE FOR INSTRUCTIONS. THE CONTRACTOR SHALL CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION AND REQUEST FIELD VERIFICATION OF UTILITY LOCATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO RELOCATE EXISTING UTILITIES CONFLICTING WITH IMPROVEMENTS SHOWN HEREON IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS GOVERNING SUCH OPERATIONS.
- 2. THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS PRIOR TO COMMENCEMENT OF
- 3. SANITARY SEWER SHALL BE LOCATED 18" BELOW WATERMAIN AT ALL CROSSINGS. WATERMAIN SHALL BE LOCATED A MINIMUM OF 10' HORIZONTALLY FROM ANY SANITARY SEWER OR STORM SEWER. ALL MEASUREMENTS SHALL BE TAKEN FROM OUTSIDE OF SEWER PIPE TO THE OUTSIDE OF WATERMAIN PIPE. ONE FULL LENGTH OF WATERMAIN PIPE SHALL BE LOCATED AT ALL CROSSINGS TO ENABLE BOTH JOINTS TO BE LOCATED AS FAR FROM SEWER AS POSSIBLE.
- 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE SEQUENCING OF CONSTRUCTION FOR ALL UTILITY LINES SO THAT WATER LINES, GAS LINES, AND UNDERGROUND ELECTRIC DO NOT CONFLICT WITH SANITARY SEWERS OR STORM SEWERS. INSTALL UTILITIES PRIOR TO PAVEMENT CONSTRUCTION.
- 5. ALL TRENCH SPOILS SHALL BECOME THE PROPERTY OF THE CONTRACTOR UNLESS OTHERWISE DESIGNATED SHALL BE REMOVED BY THE CONTRACTOR AND DISPOSED OF OFFSITE AT NO ADDITIONAL COST TO THE OWNER IN ACCORDANCE WITH ALL LOCAL AND STATE CODES AND PERMIT REQUIREMENTS.
- 6. ROOF DRAINS, FOUNDATION DRAINS AND ALL OTHER CLEAR WATER CONNECTIONS TO THE SANITARY SEWER SYSTEMS ARE PROHIBITED.
- 7. ADJUST ALL EXISTING UTILITY SURFACE FEATURES INCLUDING BUT NOT LIMITED TO CASTINGS, VALVE BOXES, PEDESTALS, CLEANOUTS, ETC. TO MATCH PROPOSED FINISHED GRADES, UNLESS OTHERWISE
- 8. THE CONTRACTOR SHALL PROVIDE RECORD DRAWINGS OF ALL IMPROVEMENTS. INCLUDE AT LEAST TWO DIMENSIONS TO EACH VALVE AND MANHOLE FROM KNOWN SITE FEATURES. DRAWINGS SHALL INCLUDE HORIZONTAL AND VERTICAL INFORMATION ON ALL NEW UTILITIES AS WELL AS EXISTING UTILITIES ENCOUNTERED.
- 9. MECHANICAL/ELECTRICAL CONTRACTORS SHALL BRING ALL UTILITIES 5' OUTSIDE BUILDING WALL. COORDINATE WITH OWNER.



20 L AVON, I

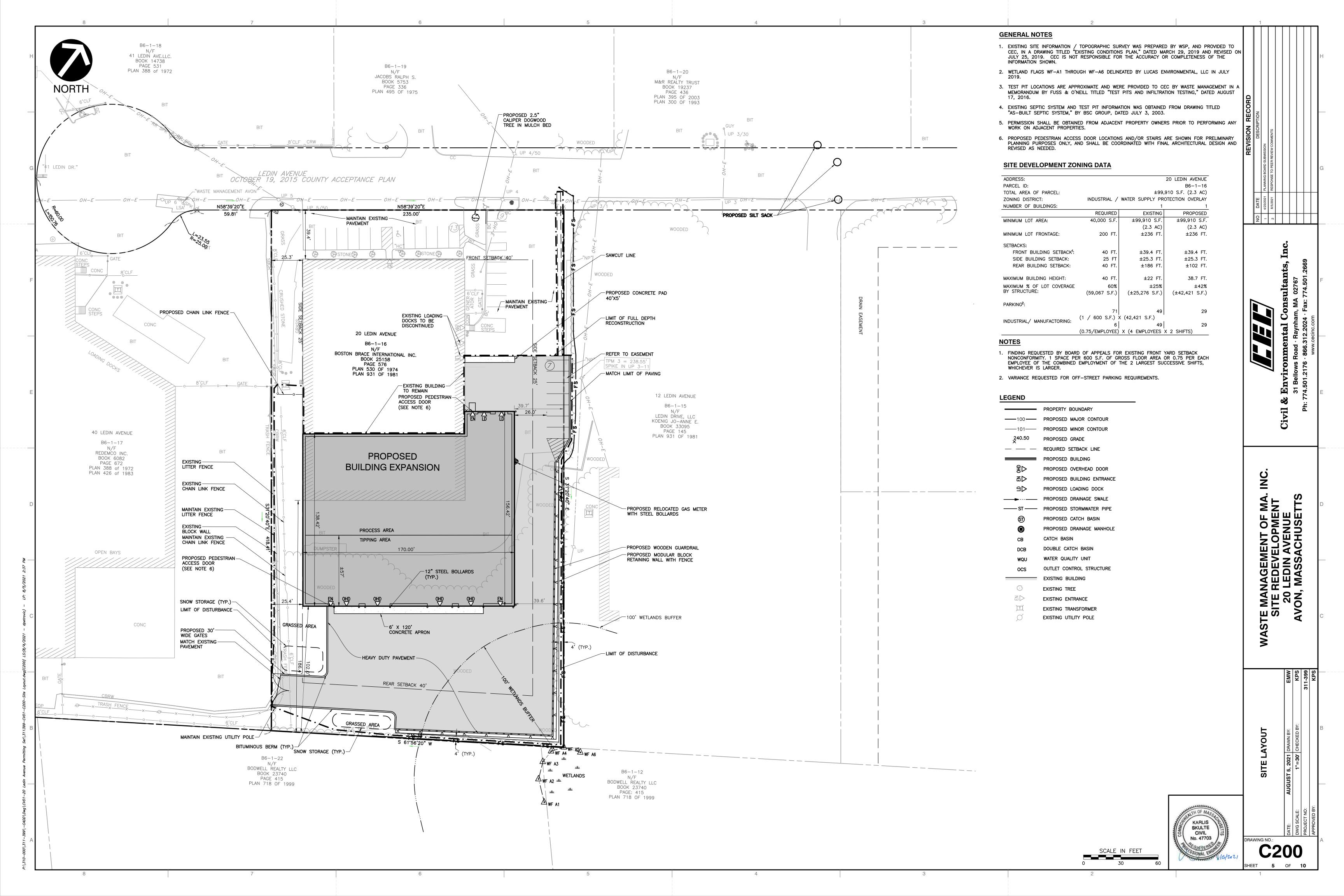
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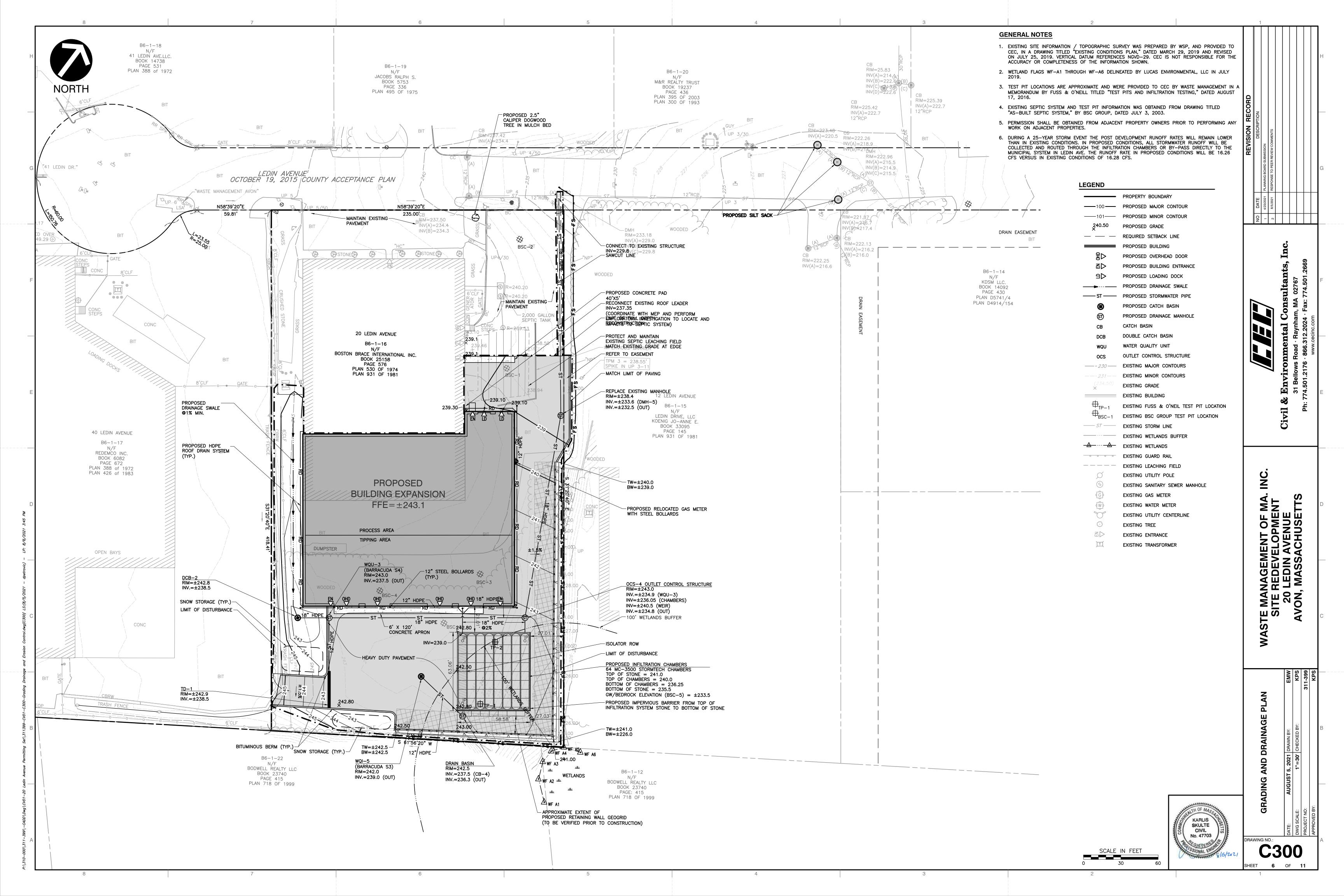


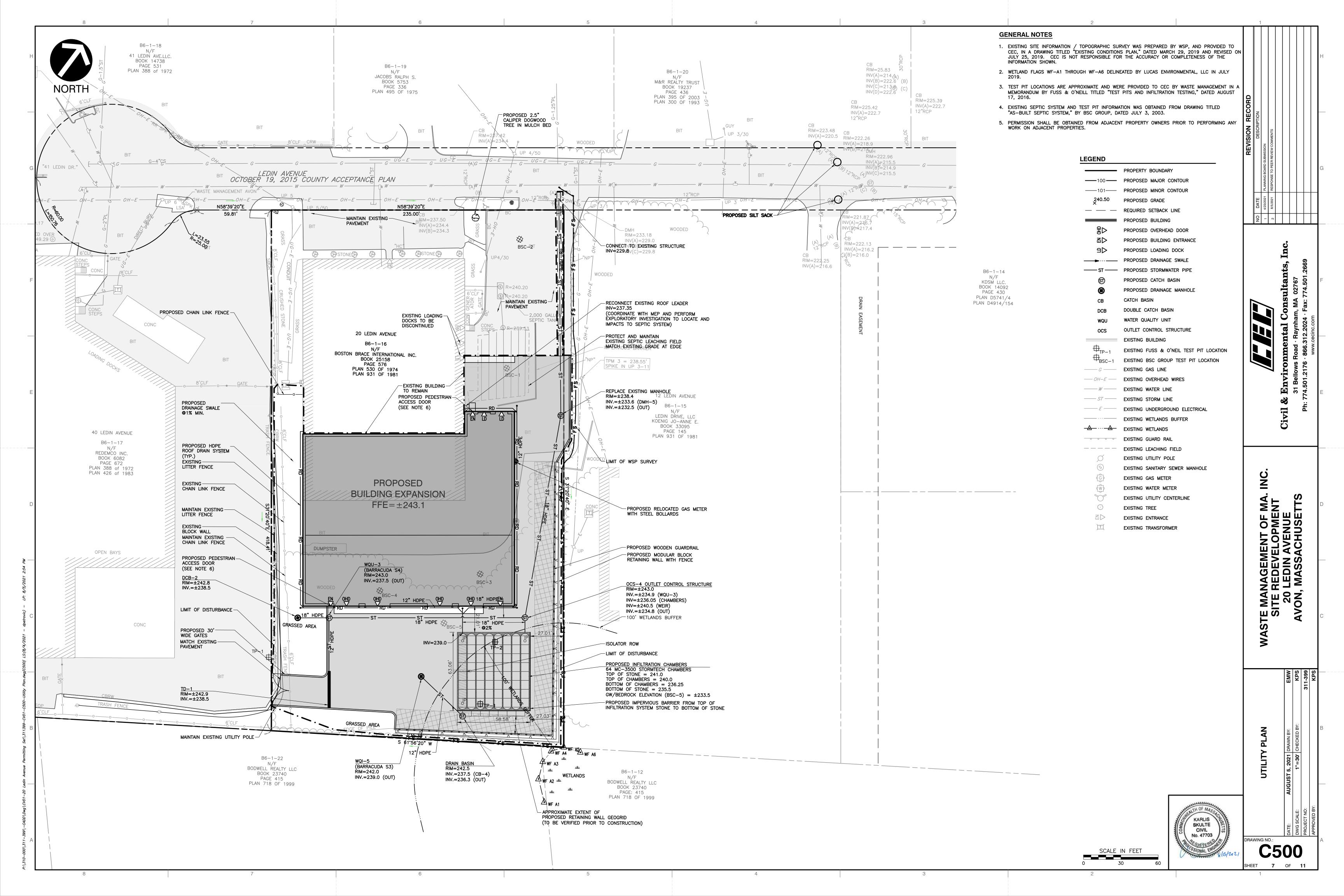


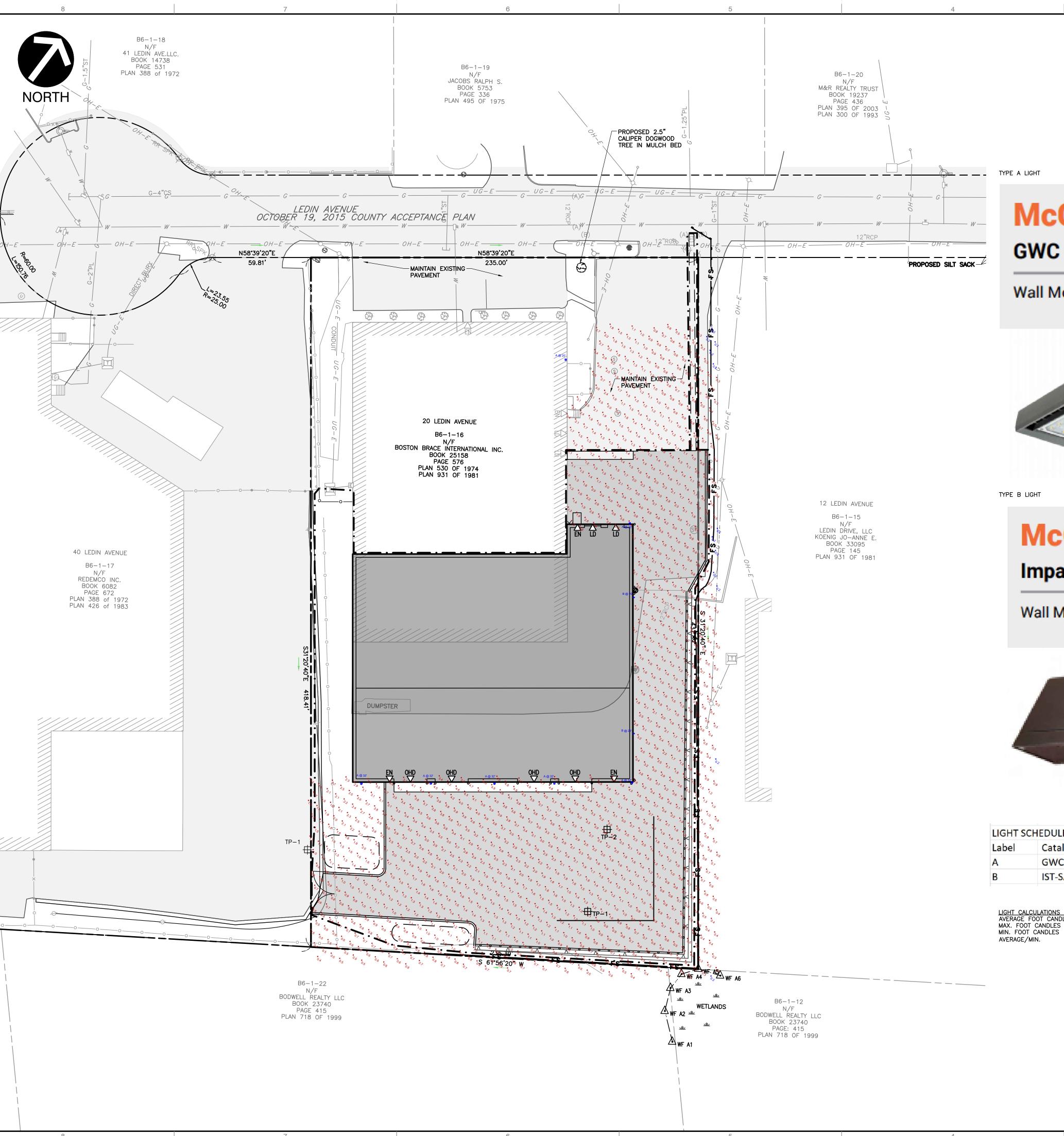
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4 OF 10









GENERAL NOTES

- 1. EXISTING SITE INFORMATION / TOPOGRAPHIC SURVEY WAS PREPARED BY WSP, AND PROVIDED TO CEC, IN A DRAWING TITLED "EXISTING CONDITIONS PLAN," DATED MARCH 29, 2019 AND REVISED ON JULy 2019. CEC IS NOT RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF THE
- 3. TEST PIT LOCATIONS ARE APPROXIMATE AND WERE PROVIDED TO CEC BY WASTE MANAGEMENT IN A MEMORANDUM BY FUSS & O'NEILL TITLED "TEST PITS AND INFILTRATION TESTING," DATED AUGUST

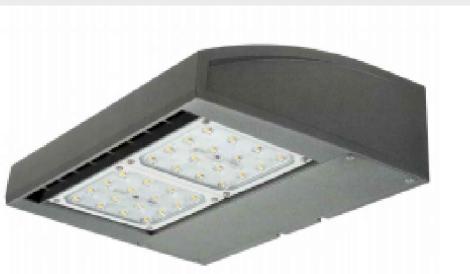
LEGEND

5. PERMISSION SHALL BE OBTAINED FROM ADJACENT PROPERTY OWNERS PRIOR TO PERFORMING ANY WORK ON ADJACENT PROPERTIES.

McGraw-Edison

GWC Galleon Wall

Wall Mount Luminaire



McGraw-Edison

Impact Elite LED

Wall Mount Luminaire



	PROPERTY BOUNDARY
 100	PROPOSED MAJOR CONTOUR
——101——	PROPOSED MINOR CONTOUR
240.50 X	PROPOSED GRADE
	REQUIRED SETBACK LINE
	PROPOSED BUILDING
웅▷	PROPOSED OVERHEAD DOOR
	PROPOSED BUILDING ENTRANCE
<p><</p>	PROPOSED LOADING DOCK
 ···-	PROPOSED DRAINAGE SWALE
st	PROPOSED STORMWATER PIPE
S	PROPOSED CATCH BASIN
	PROPOSED DRAINAGE MANHOLE
СВ	CATCH BASIN
DCB	DOUBLE CATCH BASIN
WQU	WATER QUALITY UNIT
ocs	OUTLET CONTROL STRUCTURE
	EXISTING BUILDING
	EXISTING FUSS & O'NEIL TEST PIT LOCATION
⊞ _{BSC-1}	EXISTING BSC GROUP TEST PIT LOCATION
	EXISTING GAS LINE
—— ОН-Е ——	EXISTING OVERHEAD WIRES
W	EXISTING WATER LINE
ST	EXISTING STORM LINE
— E —	EXISTING UNDERGROUND ELECTRICAL
	EXISTING WETLANDS BUFFER
<u>A</u> <u>A</u>	EXISTING WETLANDS
0 0 0	EXISTING GUARD RAIL
	EXISTING LEACHING FIELD
Ø	EXISTING UTILITY POLE
(5)	
- ^	EXISTING SANITARY SEWER MANHOLE

EXISTING UTILITY CENTERLINE

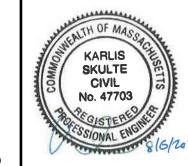
EXISTING TREE

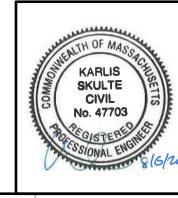
EXISTING ENTRANCE

EXISTING TRANSFORMER

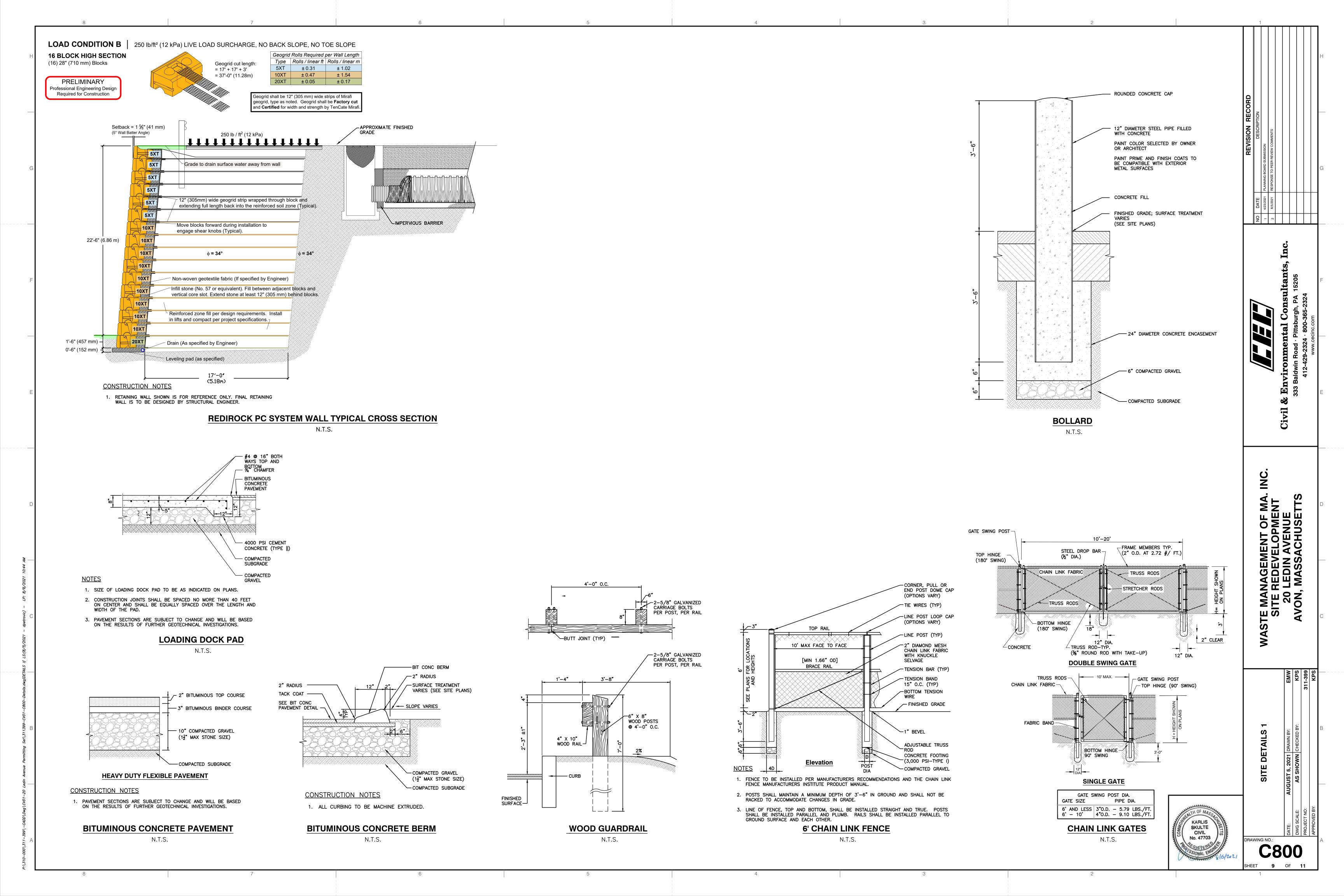
LIGHT SC	HEDULE				
Label	Catalog Number	Description	Lamp Color	Watts	Lumens
A	GWC-SA2C-740-U-T4FT	COOPER LIGHTING - GALLEON WALL LUMINAIRE	4000K	113	14,850
В	IST-SA1E-740-U-T3	COOPER LIGHTING - IMPACT ELITE LED TRAPEZOID LUMINAIRE	4000K	58	7,012

LIGHT CALCULATIONS (PAVED AREAS)
AVERAGE FOOT CANDLES 2.0
MAX. FOOT CANDLES 5.9
MIN. FOOT CANDLES .4





C600



INSPECTION & MAINTENANCE

- A. INSPECTION PORTS (IF PRESENT) REMOVE/OPEN LID ON NYLOPLAST INLINE DRAIN
 - REMOVE AND CLEAN FLEXSTORM FILTER IF INSTALLED A.3. USING A FLASHLIGHT AND STADIA ROD, MEASURE DEPTH OF SEDIMENT AND RECORD ON MAINTENANCE LOG
 - A.4. LOWER A CAMERA INTO ISOLATOR ROW FOR VISUAL INSPECTION OF SEDIMENT LEVELS (OPTIONAL) A.5. IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
- B. ALL ISOLATOR ROWS B.1. REMOVE COVER FROM STRUCTURE AT UPSTREAM END OF ISOLATOR ROW B.2. USING A FLASHLIGHT, INSPECT DOWN THE ISOLATOR ROW THROUGH OUTLET PIPE
- MIRRORS ON POLES OR CAMERAS MAY BE USED TO AVOID A CONFINED SPACE ENTRY ii) FOLLOW OSHA REGULATIONS FOR CONFINED SPACE ENTRY IF ENTERING MANHOLE
- B.3. IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
- STEP 2) CLEAN OUT ISOLATOR ROW USING THE JETVAC PROCESS
 - A. A FIXED CULVERT CLEANING NOZZLE WITH REAR FACING SPREAD OF 45" (1.1 m) OR MORE IS PREFERRED B. APPLY MULTIPLE PASSES OF JETVAC UNTIL BACKFLUSH WATER IS CLEAN . VACUUM STRUCTURE SUMP AS REQUIRED
- STEP 3) REPLACE ALL COVERS, GRATES, FILTERS, AND LIDS; RECORD OBSERVATIONS AND ACTIONS.
- STEP 4) INSPECT AND CLEAN BASINS AND MANHOLES UPSTREAM OF THE STORMTECH SYSTEM.

- INSPECT EVERY 6 MONTHS DURING THE FIRST YEAR OF OPERATION. ADJUST THE INSPECTION INTERVAL BASED ON PREVIOUS OBSERVATIONS OF SEDIMENT ACCUMULATION AND HIGH WATER ELEVATIONS.
- 2. CONDUCT JETTING AND VACTORING ANNUALLY OR WHEN INSPECTION SHOWS THAT MAINTENANCE IS NECESSARY.

ADS GEOSYNTHETICS 601T NON-WOVEN GEOTEXTILE ALL

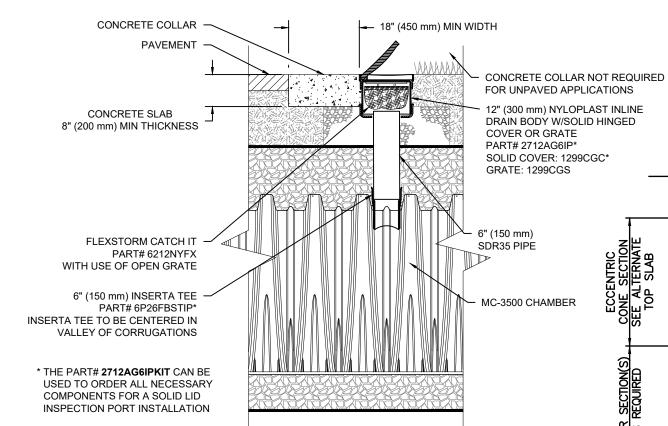
END CAP

A1 (48 CHAMBERS) | ±233.5

INFILTRATION

CHAMBER I.D.

AROUND CLEAN, CRUSHED, ANGULAR STONE IN A & B LAYERS.



PAVEMENT LAYER (DESIGNED

(1140 mm)

BY SITE DESIGN ENGINEER)

MIN. FINISHED

GRADE

242.50

*TO BOTTOM OF FLEXIBLE PAVEMENT. FOR UNPAVED INSTALLATIONS WHERE RUTTING FROM VEHICLES MAY OCCUR, INCREASE COVER TO 30" (750 mm).

TOP OF

STONE

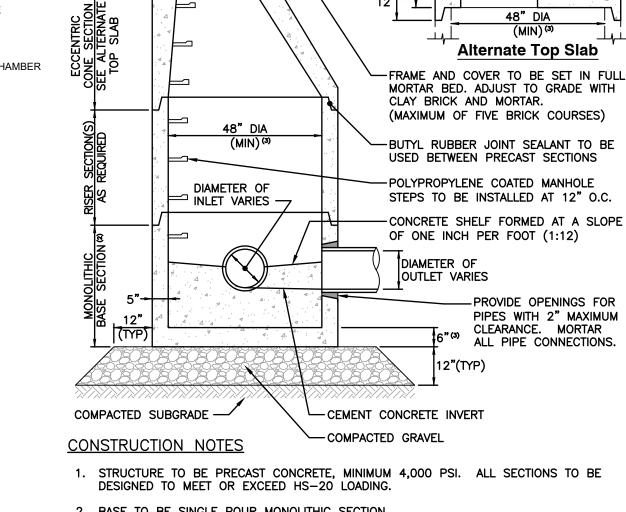
241.00

MC-3500 6" INSPECTION PORT DETAIL

ACCEPTABLE FILL MATERIALS: STORMTECH MC-3500 CHAMBER SYSTEMS

	MATERIAL LOCATION	DESCRIPTION	AASHTO MATERIAL CLASSIFICATIONS	COMPACTION / DENSITY REQUIREMENT
D	FINAL FILL: FILL MATERIAL FOR LAYER 'D' STARTS FROM THE TOP OF THE 'C' LAYER TO THE BOTTOM OF FLEXIBLE PAVEMENT OR UNPAVED FINISHED GRADE ABOVE. NOTE THAT PAVEMENT SUBBASE MAY BE PART OF THE 'D' LAYER	ANY SOIL/ROCK MATERIALS, NATIVE SOILS, OR PER ENGINEER'S PLANS. CHECK PLANS FOR PAVEMENT SUBGRADE REQUIREMENTS.	N/A	PREPARE PER SITE DESIGN ENGINEER'S PLANS. PAVED INSTALLATIONS MAY HAVE STRINGENT MATERIAL AND PREPARATION REQUIREMENTS.
С	INITIAL FILL: FILL MATERIAL FOR LAYER 'C' STARTS FROM THE TOP OF THE EMBEDMENT STONE ('B' LAYER) TO 24" (600 mm) ABOVE THE TOP OF THE CHAMBER. NOTE THAT PAVEMENT SUBBASE MAY BE A PART OF THE 'C' LAYER.	GRANULAR WELL-GRADED SOIL/AGGREGATE MIXTURES, <35% FINES OR PROCESSED AGGREGATE. MOST PAVEMENT SUBBASE MATERIALS CAN BE USED IN LIEU OF THIS LAYER.	OR	BEGIN COMPACTIONS AFTER 24" (600 mm) OF MATERIAL OVER THE CHAMBERS IS REACHED. COMPACT ADDITIONAL LAYERS IN 12" (300 mm) MAX LIFTS TO A MIN. 95% PROCTOR DENSITY FOR WELL GRADED MATERIAL AND 95% RELATIVE DENSITY FOR PROCESSED AGGREGATE MATERIALS.
В	EMBEDMENT STONE: FILL SURROUNDING THE CHAMBERS FROM THE FOUNDATION STONE ('A' LAYER) TO THE 'C' LAYER ABOVE.	CLEAN, CRUSHED, ANGULAR STONE	AASHTO M43 ¹ 3, 4	NO COMPACTION REQUIRE
А	FOUNDATION STONE: FILL BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER.	CLEAN, CRUSHED, ANGULAR STONE	AASHTO M43 ¹ 3, 4	PLATE COMPACT OR ROLL TO ACHIEVE A FLAT SURFACE. ^{2 3}

- 1. THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE."
- ANGULAR NO. 4 (AASHTO M43) STONE". 2. STORMTECH COMPACTION REQUIREMENTS ARE MET FOR 'A' LOCATION MATERIALS WHEN PLACED AND COMPACTED IN 9" (230 mm) (MAX) LIFTS USING TWO FULL COVERAGES WITH A VIBRATORY COMPACTOR 3. WHERE INFILTRATION SURFACES MAY BE COMPROMISED BY COMPACTION, FOR STANDARD DESIGN LOAD CONDITIONS, A FLAT SURFACE MAY BE ACHIEVED BY RAKING OR DRAGGING WITHOUT COMPACTION EQUIPMENT. FOR SPECIAL LOAD DESIGNS, CONTACT STORMTECH FOR COMPACTION REQUIREMENTS.



GRADE

2. BASE TO BE SINGLE POUR MONOLITHIC SECTION.

OUTLET

STRUCTURE

OCS 4

FINISHED GRADE (F

(2.4 m) TOP OF STONE (E)

TOP OF CHAMBERS (D

BOTTOM OF CHAMBERS (C)

GROUNDWATER ELEVATION (A)

DEPTH OF STONE TO BE DETERMINED BY SITE DESIGN ENGINEER 9" (230 mm) MIN INLET PIPE (WQU-3)

8" 24" DIA 8" ACCESS

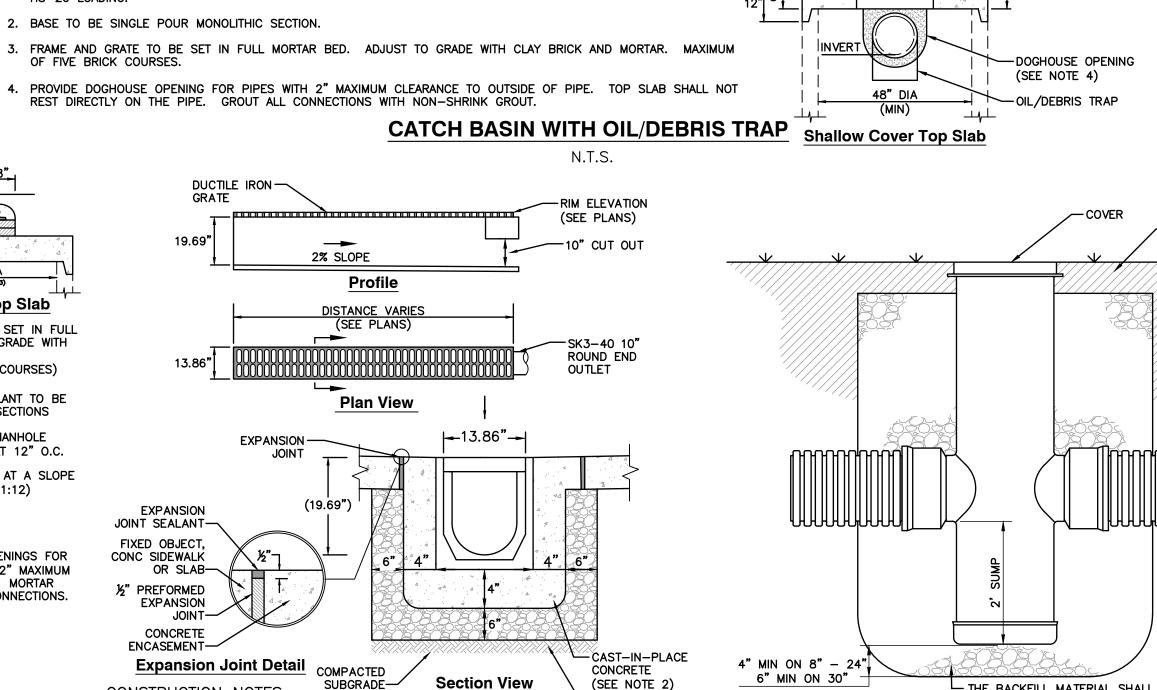
3. 60" (5'-0") INSIDE DIAMETER FOR ALL MANHOLE DEPTHS GREATER THAN 20 FEET. 6" MINIMUM WALL THICKNESS AND 8" MINIMUM BASE THICKNESS FOR 5'-0" DIAMETER

INLET PIPE (CHAMBERS)

DRAIN MANHOLE

(D)

3. TRENCH DRAIN GRATE SHALL MEET AMERICANS WITH DISABILITY ACT (ADA) REGULATIONS WHEN PLACES IN ACCESSIBLE ROUTES. TRENCH DRAIN



- COMPACTED

-FINISHED GRADE

DOUBLE CATCH BASIN

12" CONCRETE COLLAR

SET TO WITHIN 3" OF

FINISHED GRADE -

FRAME & GRATE -

FINISHED GRADE

-MORTAR SHELF

FINISHED GRADE

-FINISHED GRADE

THE BACKFILL MATERIAL SHALL BE CRUSHED

INLETS SHALL BE PLACED & COMPACTED

STONE OR OTHER GRANULAR MATERIAL MEETING

THE REQUIREMENTS OF CLASS I, CLASS II, OR

CLASS III MATERIAL AS DEFINED IN ASTM D2321.

BEDDING & BACKFILL FOR SURFACE DRAINAGE

UNIFORMLY IN ACCORDANCE WITH ASTM D2321.

SEE NOTE 3

8" 24" SQUARE 8" OPENING

48" DIA (MIN)

Alternate Eccentric Cone Section

Double Grate Top Slab

1. TRENCH DRAIN SHALL BE HEAVY DUTY TYPE DESIGNED FOR HS-20 LOADING. 2. CONCRETE SHALL BE COMPRESSIVE STRENGTH 4000 PSI, TYPE II CEMENT.

CONSTRUCTION NOTES

ORIFICE (1)

(E)

LOW FLOW ORIFICE

OIL/DEBRIS

CONSTRUCTION NOTES

HS-20 LOADING.

SEE NOTE 3

PROVIDE OPENINGS FOR PIPES WITH 2"

MAXIMUM CLEARANCE. MORTAR ALL

-BUTYL RUBBER JOINT SEALANT TO BE USED BETWEEN PRECAST SECTIONS

PIPE CONNECTIONS.

-COMPACTED GRAVEL

1. STRUCTURE TO BE PRECAST CONCRETE, MINIMUM 4,000 PSI. ALL SECTIONS TO BE DESIGNED TO MEET OR EXCEED

— COMPACTED SUBGRADE

OVERFLOW

WEIR

4. METHOD OF INSTALLATION SHALL BE AS PER MANUFACTURER'S RECOMMENDATIONS

N.T.S.

OUTLET PIPE

(1)

1. DETAIL BASED ON DRAIN BASIN BY NYLOPLAST. **NYLOPLAST DRAIN BASIN** N.T.S.

INVERT EL.	DIAMETER	INVERT EL.	DIAMETER	INVERT EL.	DIAMETER	INVERT EL.	DIAMETER	INVERT EL.	INVERT EL.	DIAMETER	OUTLET PIPE	
234.90	18"	236.05	18"	236.75	6"	238.50	8"	240.50	234.8	18"	(TO MUNICIPAL SYSTEM IN LEDIN AVE)	
ECCENTRIC RISER SECTION(S) CONE SECTION AS REQUIRED TOP SLAB	8" 24 AC	" DIA 8" DIA A A A A A A A A A A A A A A A A A A	GSEE ORIFIC (SEE		INE COATED MA INSTALLED AT IR JOINT SEAL IN PRECAST SI VATION (G)	GRADE WITH ANHOLE T 12" O.C. ANT TO BE ECTIONS (F)		(FROM BA QUAL CONCRETE	STE ET PIPE RACUDA WATER ITY UNIT) WEIR WITH OU AND NOTE 4)	UTLETS	MANHOLE ACCESS WATER TIGHT JOINT, TYP 4" DRAIN WITH PLUG (SEE NOTE 5)	
<u>기타</u> () ()	A				E — ELEVATIOI LE AND PLAN)	N (A), DIAMETE	ER (B)				INLET PIPE (FROM CHAMBERS)	
9107	5")	-PROVIDE OPE PIPES WITH 2	NINGS FOR				NSTRUCTION	<u>riaii</u>	
<u> الله الم</u>	12"	- A A			CLEARANCE.				1.	DESIGN IS PRE	ELIMINARY AND SUBJECT TO CHANGE.	

NOTES:

PERIMETER STONE

EXCAVATION WALL

(SEE NOTE 6)

6" (150 mm) MIN -

MC-3500 CHAMBERS SHALL CONFORM TO THE REQUIREMENTS OF ASTM F2418 "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS'

STONE

235.5

- MC-3500 CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS" "ACCEPTABLE FILL MATERIALS" TABLE ABOVE PROVIDES MATERIAL LOCATIONS, DESCRIPTIONS, GRADATIONS, AND COMPACTION REQUIREMENTS FOR FOUNDATION, EMBEDMENT, AND FILL MATERIALS.
- 4. THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR ASSESSING THE BEARING RESISTANCE (ALLOWABLE BEARING CAPACITY) OF THE SUBGRADE SOILS AND THE DEPTH OF FOUNDATION STONE WITH CONSIDERATION FOR THE RANGE OF EXPECTED SOIL MOISTURE CONDITIONS.
- PERIMETER STONE MUST BE EXTENDED HORIZONTALLY TO THE EXCAVATION WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION WALLS. 5. ONCE LAYER 'C' IS PLACED, ANY SOIL/MATERIAL CAN BE PLACED IN LAYER 'D' UP TO THE FINISHED GRADE. MOST PAVEMENT SUBBASE SOILS CAN BE USED TO REPLACE THE MATERIAL REQUIREMENTS OF LAYER 'C'

SUBGRADE SOILS

GROUNDWATER BOTTOM OF

(SEE NOTE 4)

OR 'D' AT THE SITE DESIGN ENGINEER'S DISCRETION.

STORMTECH MC 3500 TYPICAL DETAIL

(230 mm) MIN

TOP OF

CHAMBERS

240.00

BOTTOM OF

CHAMBERS

236.25

COMPACTED GRAVEL

COMPACTED SUBGRADE -

OUTLET CONTROL STRUCTURE N.T.S.

CLEARANCE. MORTAR

CEMENT CONCRETE INVERT

OUTLET PIPE - ELEVATION (H), DIAMETER (I)

5. SEE PLANS FOR WEIR ELEVATIONS AND CONFIGURATIONS. 6. PLUG SHALL CONSIST OF A 4" PVC PIPE WITH A THREADED PLUG.

THICKNESS FOR 5'-0" DIAMETER PRECAST MANHOLE.

2. STRUCTURE TO BE PRECAST CONCRETE, MINIMUM 4,000 PSI. ALL SECTIONS TO BE DESIGNED TO MEET OR EXCEED HS-20 LOADING.

4. 60" (5'-0") INSIDE DIAMETER FOR ALL MANHOLE DEPTHS GREATER THAN

20 FEET. 6" MINIMUM WALL THICKNESS AND 7" MINIMUM BASE

3. BASE TO BE SINGLE POUR MONOLITHIC SECTION.

KARLIS SKULTE CIVIL No. 47703

(CAN BE SLOPED OR VERTICAL)

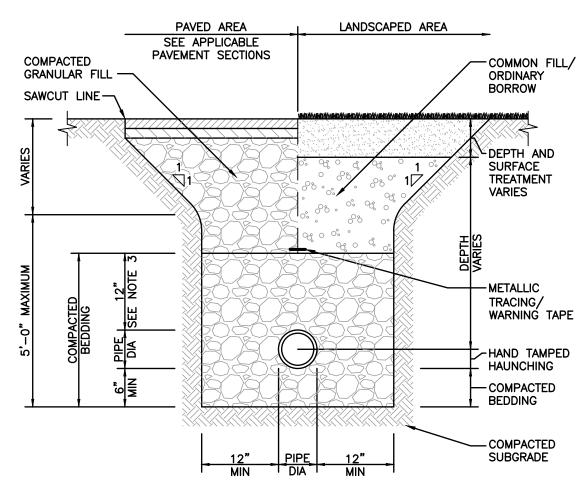
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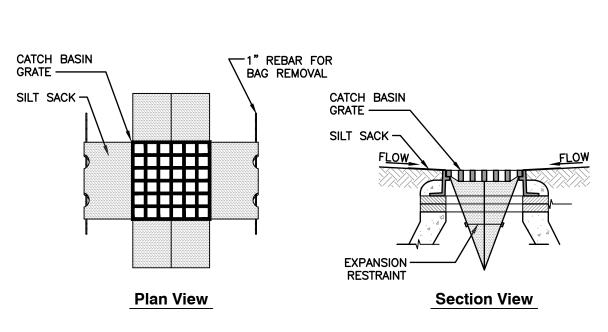
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CONSTRUCTION NOTES

- 1. WHERE UTILITY TRENCHES ARE CONSTRUCTED THROUGH DETENTION BASIN BERMS OR OTHER SUCH SPECIAL SECTIONS, PLACE TRENCH BACKFILL WITH MATERIALS SIMILAR TO THE SPECIAL SECTION REQUIREMENTS.
- 2. USE METALLIC TRACING/WARNING TAPE OVER ALL PIPES.
- 3. FOR HIGH DENSITY POLYETHYLENE (HDPE) PIPE, DIMENSION IS 24 INCHES.

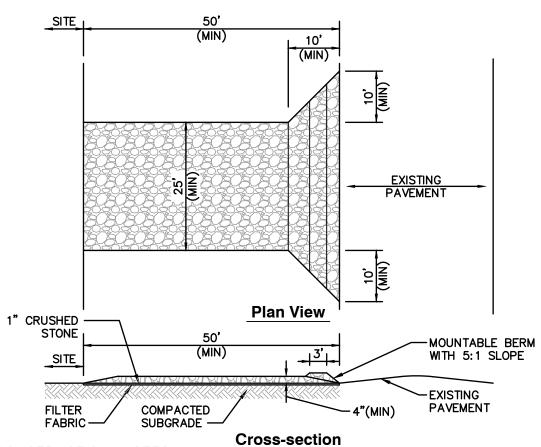
UTILITY TRENCH



CONSTRUCTION NOTES

- 1. INSTALL SILT SACKS IN ALL CATCH BASINS WHERE INDICATED ON THE SITE PLANS BEFORE COMMENCING WORK OR IN PAVED AREAS AFTER THE BINDER COURSE IS PLACED AND EROSION CONTROL BARRIERS HAVE BEEN REMOVED.
- 2. GRATE TO BE PLACED OVER SILT SACK.
- 3. SILT SACKS SHALL BE INSPECTED PERIODICALLY AND AFTER ALL STORM EVENTS. CLEANING OR REPLACEMENT SHALL BE PERFORMED AS NEEDED. MAINTAIN SILT SACKS UNTIL UPSTREAM AREAS HAVE BEEN PERMANENTLY STABILIZED.

SILT SACK INLET PROTECTION

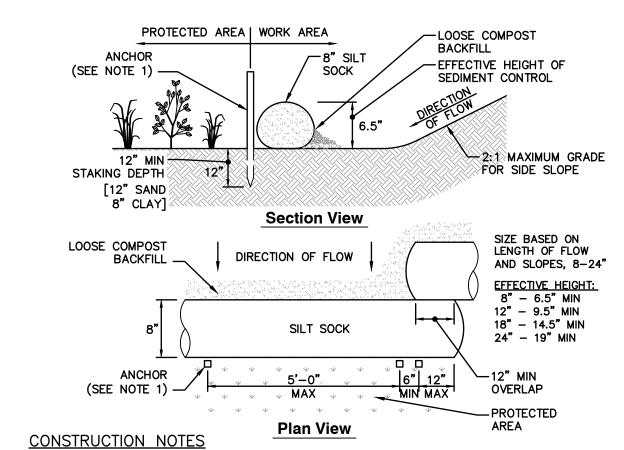


CONSTRUCTION NOTES

- 1. ENTRANCE WIDTH SHALL BE A TWENTY-FIVE (25) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
- 2. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH SHALL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY. PERIODIC INSPECTION AND MAINTENANCE SHALL BE PROVIDED AS NEEDED.
- 3. STABILIZED CONSTRUCTION ENTRANCE SHALL BE REMOVED PRIOR TO FINAL FINISHED MATERIALS BEING INSTALLED.

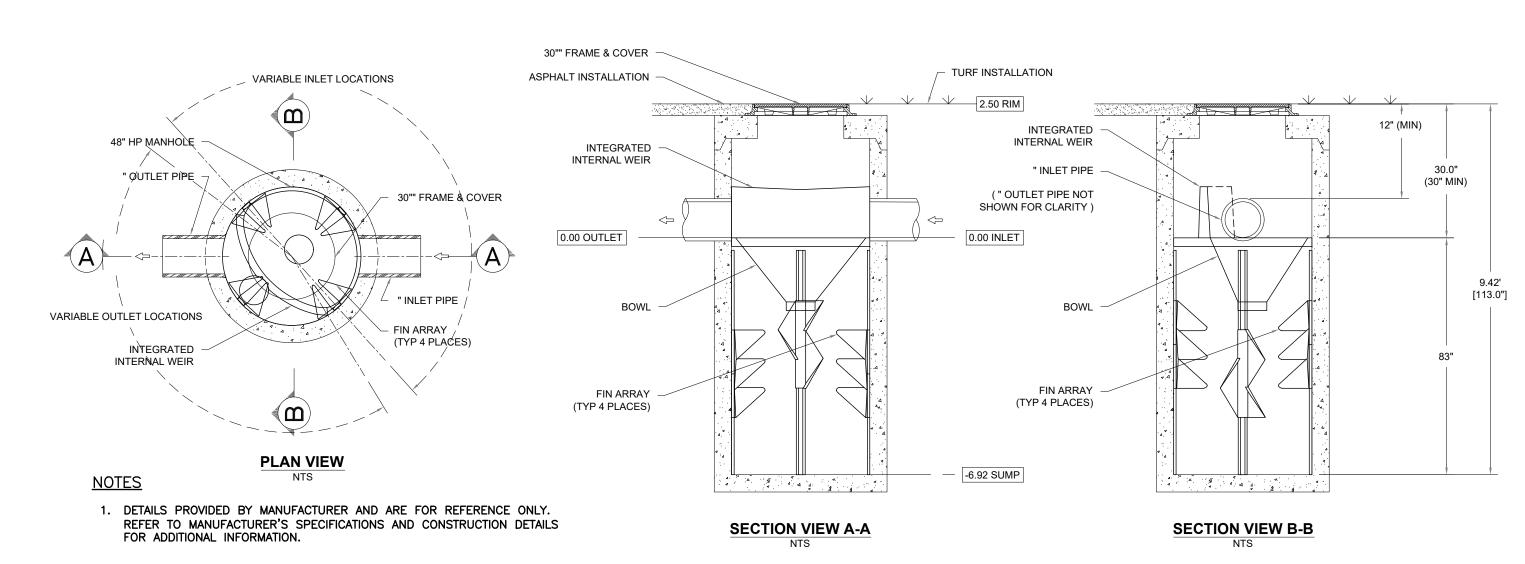
STABILIZED CONSTRUCTION EXIT

N.T.S.

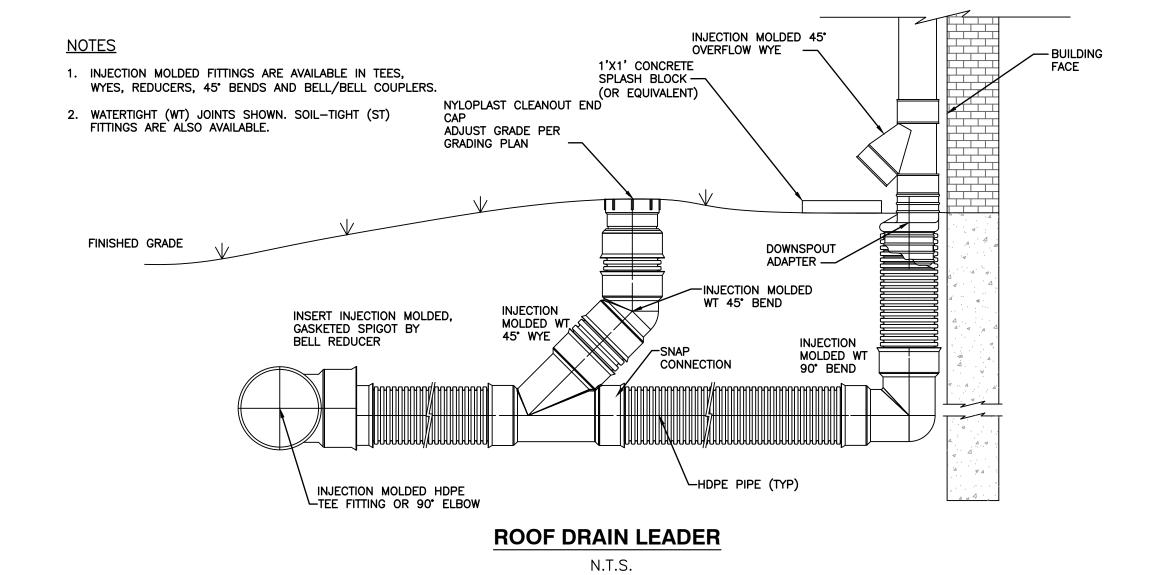


- 1. ANCHOR TO BE A 2" X 2" X 36" HARD WOOD STAKE, OR APPROVED EQUAL.
- 2. COMPOST FOR SILT SOCK FILL MATERIAL TO BE PROVIDED BY THE MANUFACTURER IN CONJUNCTION WITH THE ENGINEER TO PROVIDE THE REQUIRED REMOVAL OF SEDIMENT OR OTHER POLLUTANTS FROM RUNOFF.
- 3. COMPOST MATERIAL SHALL BE DISPERSED ON SITE, AS DETERMINED BY THE LOCAL CONSERVATION AGENT OR THE DESIGN ENGINEER.
- 4. SILT SOCK SHALL BE INSPECTED PER LOCAL AND STATE REQUIREMENTS. REPAIR OR REPLACEMENT SHALL BE PERFORMED PROMPTLY, AS NEEDED.
- 5. METHOD OF INSTALLATION SHALL BE AS PER MANUFACTURER'S RECOMMENDATIONS.

SILT SOCK EROSION CONTROL BARRIER

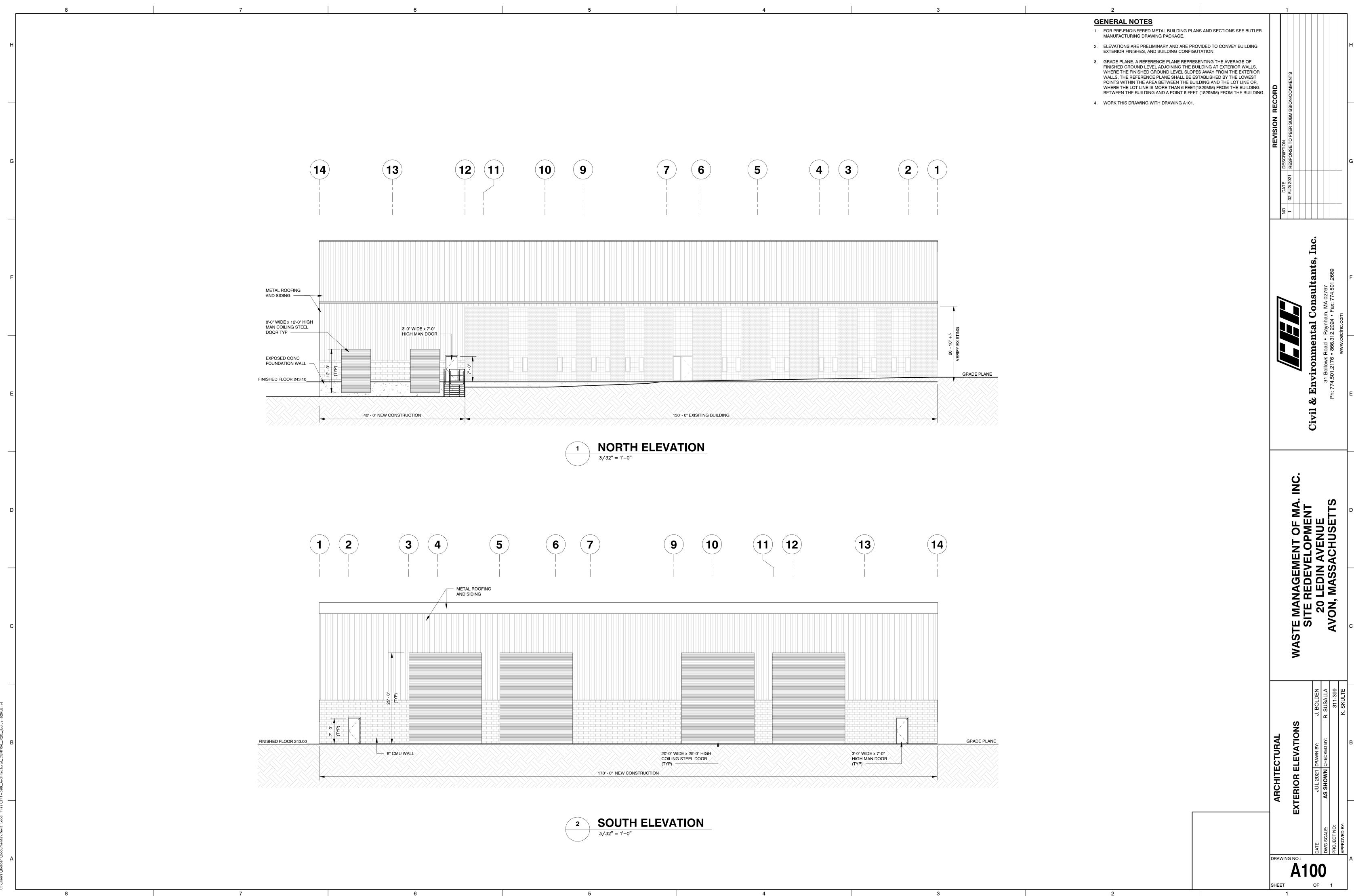


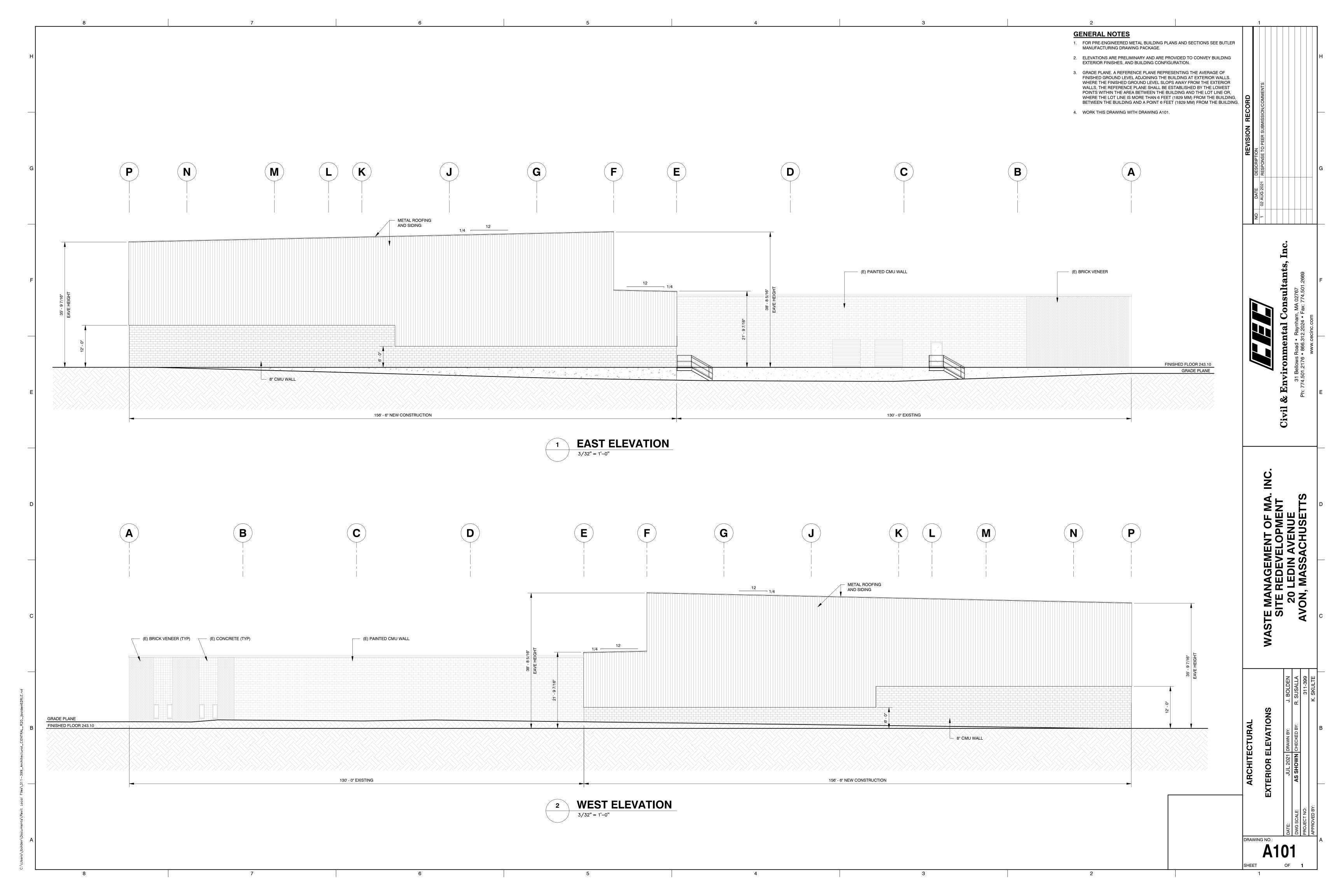
TYPICAL WATER QUALITY UNIT (BARRACUDA) N.T.S.





WASTE MAN SITE F 20 L AVON,

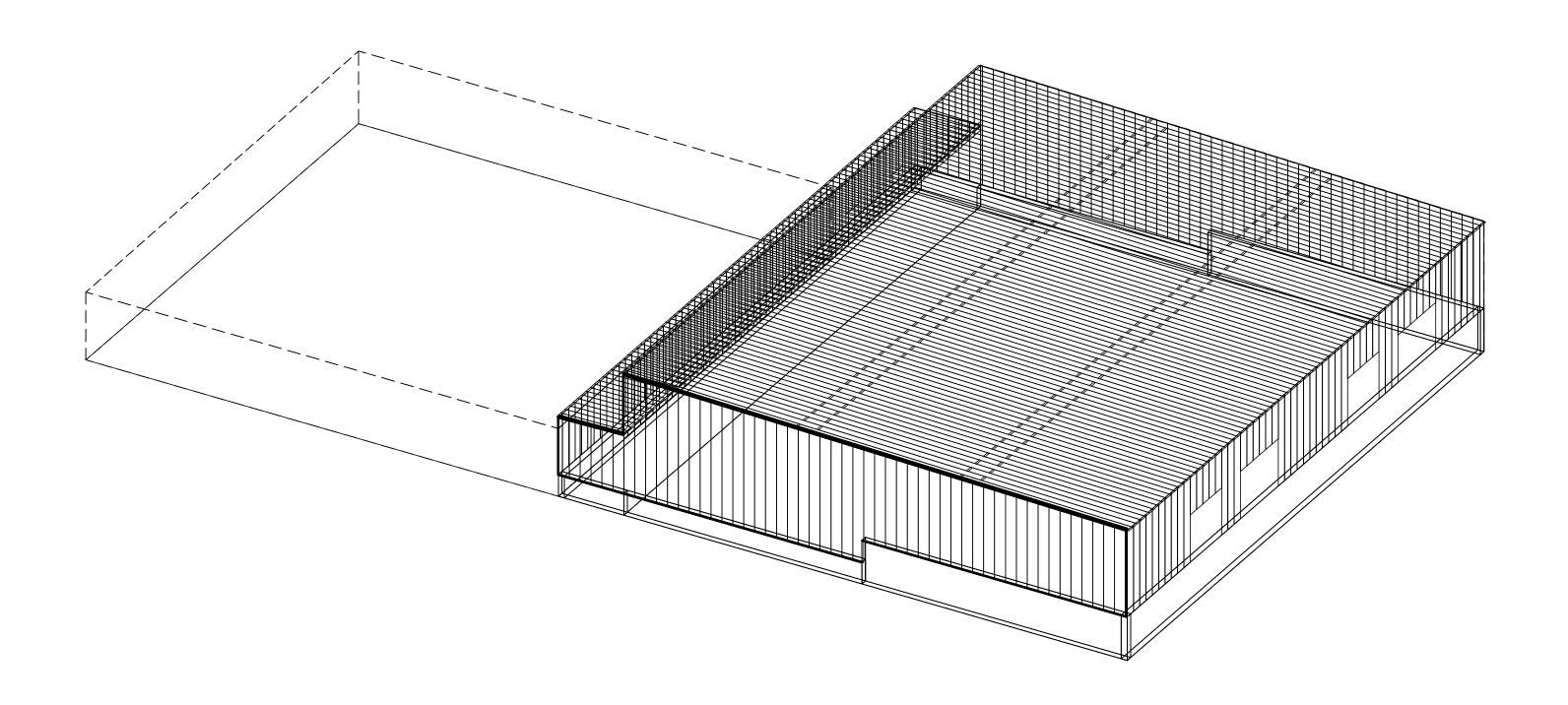






Butler Manufacturing a division of BlueScope Buildings North America Inc.

DRAWING INDI	EX	D	RAWING RELEASE HIS	STORY
DRAWING TITLE	PAGES	TYPE	DATE	DESCRIPTION
COVER SHEET				
CODES AND LOADS				
NOTES				
ANCHOR ROD PLAN				
PRIMARY STRUCTURAL				
SECONDARY STRUCTURAL				
COVERING				
SPECIAL DRAWINGS				
STANDARD ERECTION DETAILS				
PLANOGRAPH DETAILS				



GENERAL NOTES

ASTM DESIGNATION

A529, A572, A1011, A1018 **GRADE 55** 3 PLATE WELDED SECTIONS COLD FORMED LIGHT GAGE SHAPES A653, A1011 GRADE 60 GRADE 50 A572, A510 BRACE RODS HOT ROLLED MILL SHAPES A36, A529, A572, A588, A992 **GRADE 36 OR 50** A529, A572, A588, A992 GRADE 50 HOT ROLLED ANGLES HOLLOW STRUCTURAL SECTION (HSS) GRADE B CLADDING A653, A792 GRADE 50 OR GRADE 80

HIGH STRENGTH BOLT TIGHTENING REQUIREMENTS

IT IS THE RESPONSIBILITY OF THE ERECTOR TO ENSURE PROPER BOLT TIGHTNESS IN ACCORDANCE WITH APPLICABLE REGULATIONS. SEE RCSC SPECIFICATION FOR STRUCTURAL JOINTS USING HIGH STRENGTH BOLTS FOR MORE INFORMATION. SEE ERECTION GUIDE FOR BOLT TIGHTENING INSTRUCTIONS. THE FOLLOWING CRITERIA MAY BE USED TO DETERMINE THE BOLT TIGHTNESS (I.E.-SNUG TIGHT OR PRE-TENSION) UNLESS REQUIRED OTHERWISE BY LOCAL JURISDICTION OR CONTRACT.

ALL A490 BOLTS SHALL BE "PRE-TENSIONED". A325 BOLTS IN PRIMARY FRAMING AND BRACING CONNECTIONS MAY BE "SNUG-TIGHT" EXCEPT AS FOLLOWS;

PRE-TENSION A325 BOLTS IF BUILDING SUPPORTS A CRANE GREATER THAN 5 TON CAPACITY.

PRE-TENSION A325 BOLTS IF BUILDING SUPPORTS MACHINERY THAT CREATES VIBRATION, IMPACT, OR STRESS REVERSALS ON CONNECTIONS.

PRE-TENSION A325 BOLTS IF LOCATED IN HIGH SEISMIC AREAS. FOR IBC BASED CODES; HIGH SEISMIC IS DESIGN CATEGORY D, E OR F. SEE CODES AND LOADS SECTION BELOW FOR DETAILS.

PRE-TENSION ANY CONNECTION WITH DESIGNATION A325-SC. SLIP CRITICAL (SC) CONNECTIONS MUST BE FREE OF PAINT, OIL OR OTHER MATERIALS THAT REDUCE FRICTION AT CONTACT SURFACES. GALVANIZED OR LIGHTLY RUSTED SURFACES ARE ACCEPTABLE.

IN CANADA, ALL A325 AND A490 BOLTS SHALL BE "PRE-TENSIONED", EXCEPT FOR SECONDARY MEMBERS AND FLANGE BRACES.

SECONDARY MEMBERS AND FLANGE BRACE CONNECTIONS ARE ALWAYS "SNUG TIGHT", UNLESS INDICATED OTHERWISE IN **ERECTION DRAWING DETAILS.**

INSPECTION AND TESTING

MATERIALS

SPECIAL INSPECTIONS AND TESTING REQUIRED BY AUTHORITY HAVING JURISDICTION (AHJ) DURING CONSTRUCTION AND/OR STEEL FABRICATION IS THE RESPONSIBILITY OF THE OWNER OR OWNERS AUTHORIZED AGENT. WHEN REQUIRED, THE OWNER SHALL EMPLOY A QUALITY ASSURANCE AGENCY (QAA) APPROVED BY THE AHJ. THE BUILDER IS RESPONSIBLE TO COORDINATE BETWEEN THE QAA FIRM AND BEINANGABRICA 2006 FACTIONS AND NOT WELD TESTING MUST BE SPECIFICALLY EXTIPIOLO DE TIME PARTE DE LA PRINCE DE LA PROPERTA DEL PROPERTA DE LA PROPERTA DE LA PROPERTA DEL PROPERTA DE LA PROPERTA DEL PROPERTA DEL PROPERTA DEL PROPERTA DE LA PROPERTA DEL PRO Bγγοην Εσεισημοθούστη το Property Parting της the standard Accompany Store ture), Collateral Gravity: 10.00 psf (Not Including bldg wt) Waste Management: Building Risk/Occupancy Category: II (Standard Occupancy Structure), Collateral Gravity: 7.00 psf (Not Including bldg wt) LIVE LOADS AND RAINFALL

Roof Live Load 20.00 psf (Not Reducible)

Rainfall: 0.10 inches per hour CONCRETE FOUNDATIONS Compressive Strength (Min.) - f'c: 3000 psi

Ground Snow: 35.00 psf, Flat Roof Snow: 24.50 psf, Design Snow (Sloped): 24.50 psf, Specified Min. Roof Snow: 35.00 psf Snow Exposure Category (Factor): 2 Partially Exposed (1.00) Snow Importance: 1.000 Thermal Category (Factor): Heated (1.00)

The 'Envelope Procedure' is Used Wind Speed: Vult: 131.00 (Vasd: 101.47) mph, Wind Exposure: C Basic Wind Pressure: 33.19 psf Topographic Factor: 1.0000 Wind Enclosure: Enclosed, 0.180 Note: All windows, doors, skylights and other covered openings

must be designed for the specified above wind loads

EARTHQUAKE DESIGN DATA

Lateral Force Resisting Systems using Equivalent Force Procedure Mapped Spectral Response - Ss:19.60 %g, S1:6.50 %g Seismic Design Category: B (See Bolt Tightening Note Above) Seismic Snow Load: 0.00 psf Seismic Importance: 1.000 Soil Profile Type: Stiff soil (D) Design Spectral Response - Sds: 0.2091, Sd1: 0.1040

Ordinary Steel Moment Frames Frame Redundancy Factor:1.00

Framing R-Factor: 3.00, Frame Seismic Factor (Cs): 0.0697, Design Base Shear = 0.0697 W

Ordinary Steel Concentric Braced Frames

Brace Redundancy Factor: 1.00

Bracing R-Factor: 3.00, Brace Seismic Factor (Cs): 0.0697, Design Base Shear = 0.0697 W

THE BUTLER MFG. ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF BUTLER MFG. AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED BY BUTLER. THE BUTLER MFG. ENGINEER'S SEAL DOES NOT APPLY TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY BUTLER EXCEPT TO ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY BUTLER.

THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF BUTLER MFG. IT IS PROVIDED SOLELY FOR ERECTING THE BUILDING DESCRIBED IN THE APPLICABLE PURCHASE ORDER AND MAY BE REPRODUCED ONLY FOR THAT PURPOSE. IT SHALL NOT BE MODIFIED, REPRODUCED OR USED FOR ANY OTHER PURPOSE WITHOUT PRIOR WRITTEN APPROVAL OF BUTLER MFG.

THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ACCURATE GOOD QUALITY WORKMANSHIP IN ERECTING THIS BUILDING IN ACCORDANCE WITH THIS DRAWING, DETAILS REFERENCED IN THIS DRAWING, ALL APPLICABLE BUTLER MFG. ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.

BUTLER MANUFACTURING 1540 GENESSEE ST. KANSAS CITY, MO 64102

COVER SHEET

JOB #: BUILDER: CWB Contractors Inc CUSTOMER: BUTLER LOCATION: Avon, Massachusetts PROJECT: Waste Management Butler Manufacturing BUILDER'S PO#: VPC VERSION: ADVNXT 4.3 a division of BlueScope Buildings North America, Inc.

Codes and Loads
WHEN MULTIPLE BUILDINGS ARE INVOLVED, SPECIFIC LOAD FACTORS FOR DIFFERING OCCUPANCIES, BUILDING DIMENSIONS,
HEIGHTS, FRAMING SYSTEMS, ROOF SLOPES, ETC., MAY RESULT IN DIFFERENT LOAD APPLICATION FACTORS THAN
INDICATED BELOW. SEE CALCULATIONS FOR FURTHER DETAILS. WIND LOADS ARE APPLIED TO OVERALL BUILDING ENVELOPE.
COMMON WALLS BETWEEN CONNECTED SHAPES ARE NOT SUBJECT TO EXTERNAL WIND LOADS.

City: Avon County: Norfolk State: Massachusetts

Building Code

Building Code: 2015 International Building Code

Structural: 10AISC - ASD Rainfall: I: 0.10 inches per hour

Building Risk/Occupancy Category: II (Standard Occupancy Structure)

Cold Form: 12AISI - ASD f'c: 3000.00 psi Concrete

Dead and Collateral Loads
Collateral Gravity:10.00 psf
Collateral Uplift: 0.00 psf

Wind Load
Wind Speed: Vult: 131.00 (Vasd: 101.47) mph
The 'Envelope Procedure' is Used
Wind Exposure: C - Kz: 0.889
Parts Wind Exposure Factor: 0.889
Wind Enclosure: Enclosed
Topographic Factor: Kzt: 1.0000

NOT Windborne Debris Region
Base Elevation: 0/0/0
Primary Zone Strip Width: 2a: 14/11/0
Parts / Portions Zone Strip Width: a: 7/5/8
Basic Wind Pressure: q: 33.19 psf

Material Dead Weight

Roof Covering + Second. Dead Load: Varies
Frame Weight (assumed for seismic):2.50 psf

Snow Load
Ground Snow Load: pg: 35.00 psf
Flat Roof Snow: pf: 24.50 psf
Design Snow (Sloped): ps: 24.50 psf
Rain Surcharge: 0.00
Specified Minimum Roof Snow: 35.00 psf (USR)
Exposure Factor: 2 Partially Exposed - Ce: 1.00
Snow Importance: Is: 1.000
Thermal Factor: Heated - Ct: 1.00
Ground / Roof Conversion: 0.70
Obstructed or Not Slippery

Roof Live Load

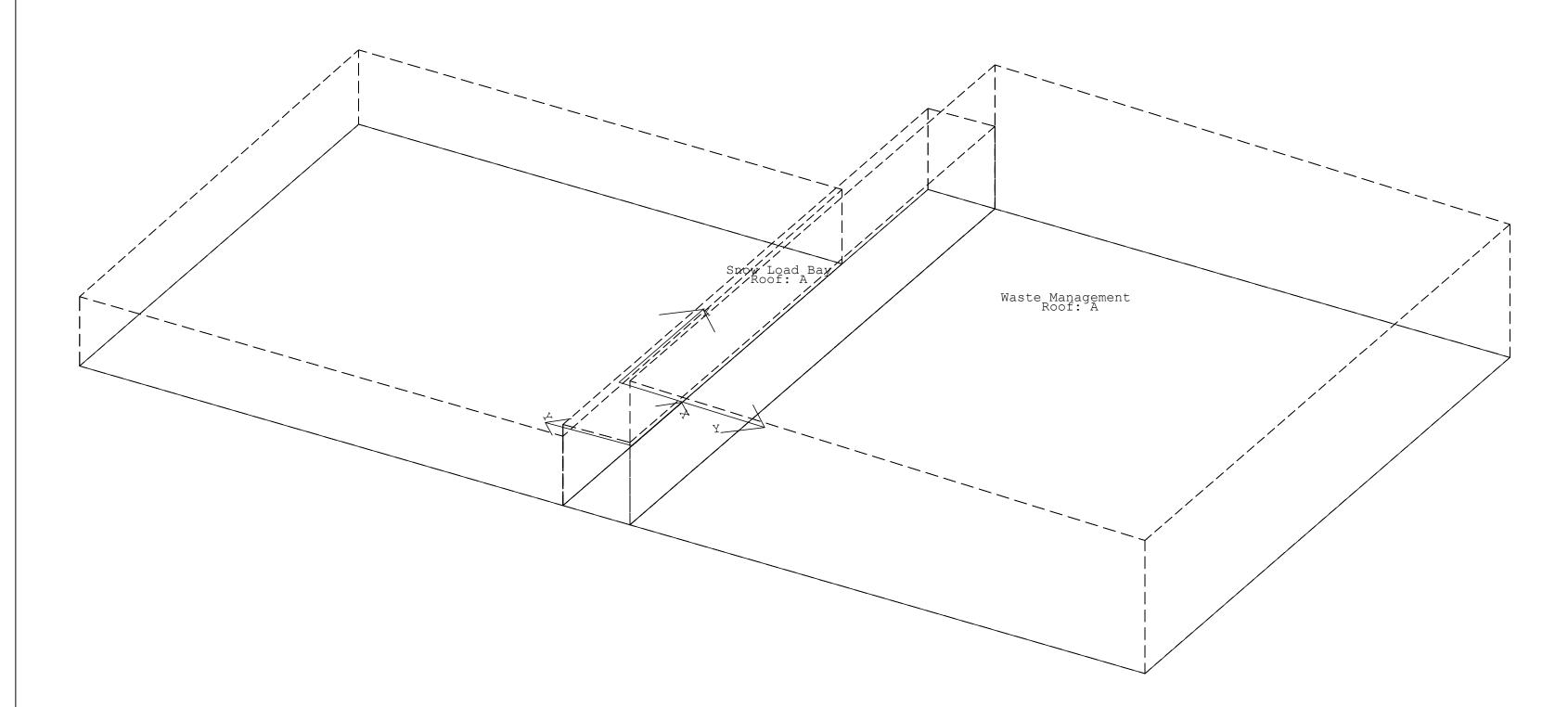
Roof Live Load: 20.00 psf Not Reducible

Country: United States

Seismic Load
Lateral Force Resisting Systems using Equivalent Force Procedure
Mapped MCE Acceleration: Ss: 19.60 %g
Mapped MCE Acceleration: S1: 6.50 %g
Site Class: Stiff soil (D)
Seismic Importance: Ie: 1.000
Design Acceleration Parameter: Sds: 0.2091
Design Acceleration Parameter: Sd1: 0.1040
Seismic Design Category: B
Seismic Snow Load: 0.00 psf
% Snow Used in Seismic: 0.00
Diaphragm Condition: Flexible
Fundamental Period Height Used: 19/3/14

Transverse Direction Parameters
System NOT detailed for Seismic
Redundancy Factor: Rho: 1.00
Fundamental Period: Ta: 0.2992
R-Factor: 3.00
Overstrength Factor: Omega: 2.50
Deflection Amplification Factor: Cd: 3.00
Base Shear: V: 0.0697 x W

Longitudinal Direction Parameters
System NOT detailed for Seismic
Redundancy Factor: Rho: 1.00
Fundamental Period: Ta: 0.1843
R-Factor: 3.00
Overstrength Factor: Omega: 2.50
Deflection Amplification Factor: Cd: 3.00
Base Shear: V: 0.0697 x W



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MFG. AND DESIGN AND PERFORMANCE
REQUIREMENTS SPECIFIED BY BUTLER.
THE BUTLER MFG. ENGINEER'S SEAL DOES
NOT APPLY TO THE PERFORMANCE OR
DESIGN OF ANY OTHER PRODUCT OR
COMPONENT FURNISHED BY BUTLER EXCEPT
TO ANY DESIGN OR PERFORMANCE
REQUIREMENTS SPECIFIED BY BUTLER.

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D		1540 G	BUTLER MANUFACTURING GENESSEE ST. KANSAS CITY, MO 64102	CODES AND LOADS	
REV:	DATE:	BY:	DESCRIPTION:	BUILDER: CWB Contractors Inc	JOB #:
				CUSTOMER:	DATE:
				LOCATION: Avon, Massachusetts	BUTLER 3/30/2021 DRAWN/CHECK:
				PROJECT: Waste Management	Butler Manufacturing /
DRAWING	SCALE:		NTS	BUILDER'S PO#:	VPC VERSION: ADVNXT 4.3

Shape Surface Description
Snow Load Bay Roof: A Snow Drift (from Wall 2, Shape Waste Management): Roof: A

1. The Snow Buildup loading shown is in addition to the flat or sloped roof snow.

Snow Buildup

2. The X and Y Location dimensions are from the point of origin of each surface.

X Location

170.0 ft

170.0 ft

0.0 ft

0.0 ft

Y Location

0.0 ft

0.0 ft

17.0 ft

17.0 ft

Magnitude

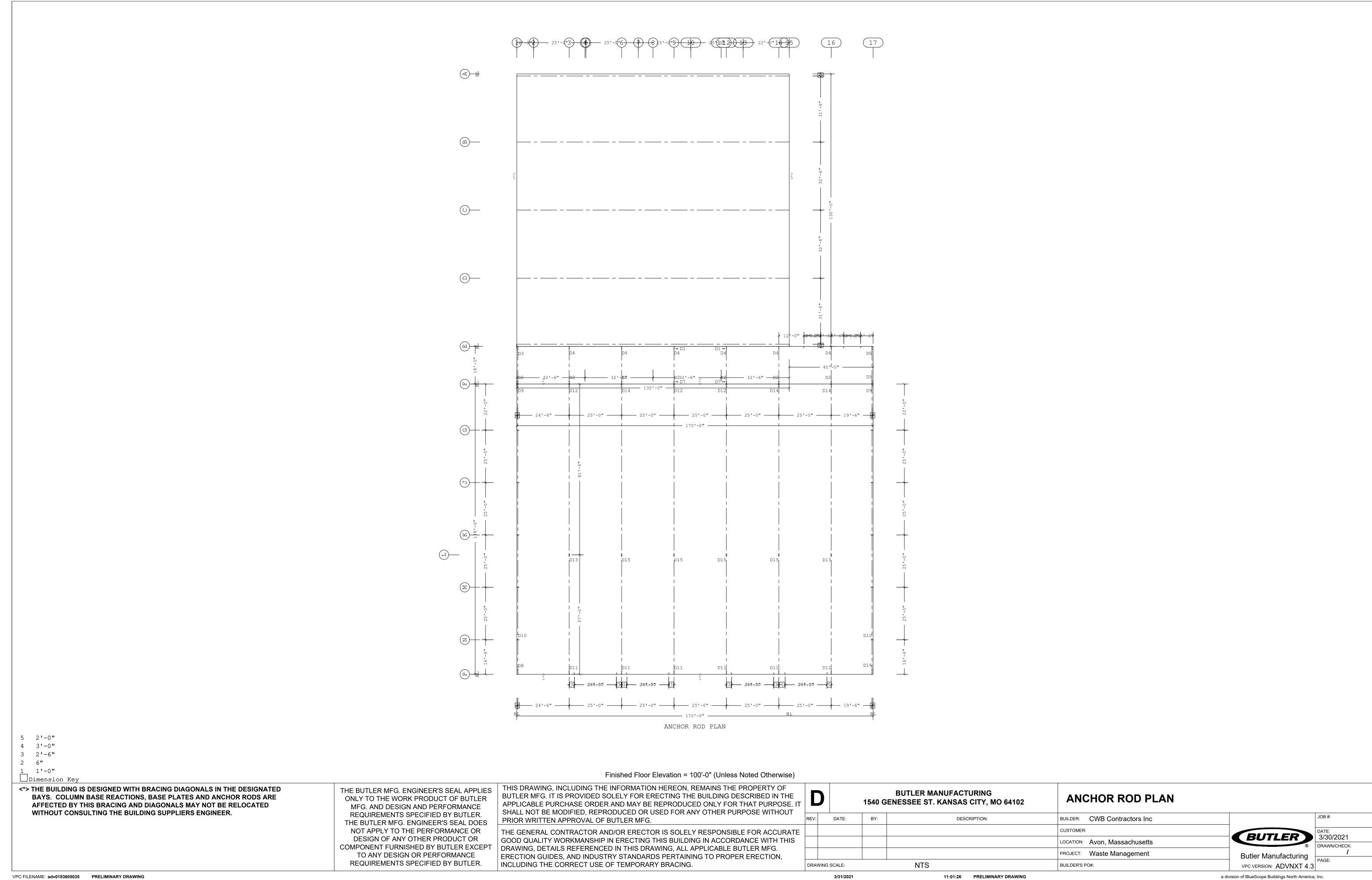
79.1 psf

79.1 psf

0.0 psf

0.0 psf

VPC FILENAME: adv0183605035 PRELIMINARY DRAWING a division of BlueScope Buildings North America, Inc.



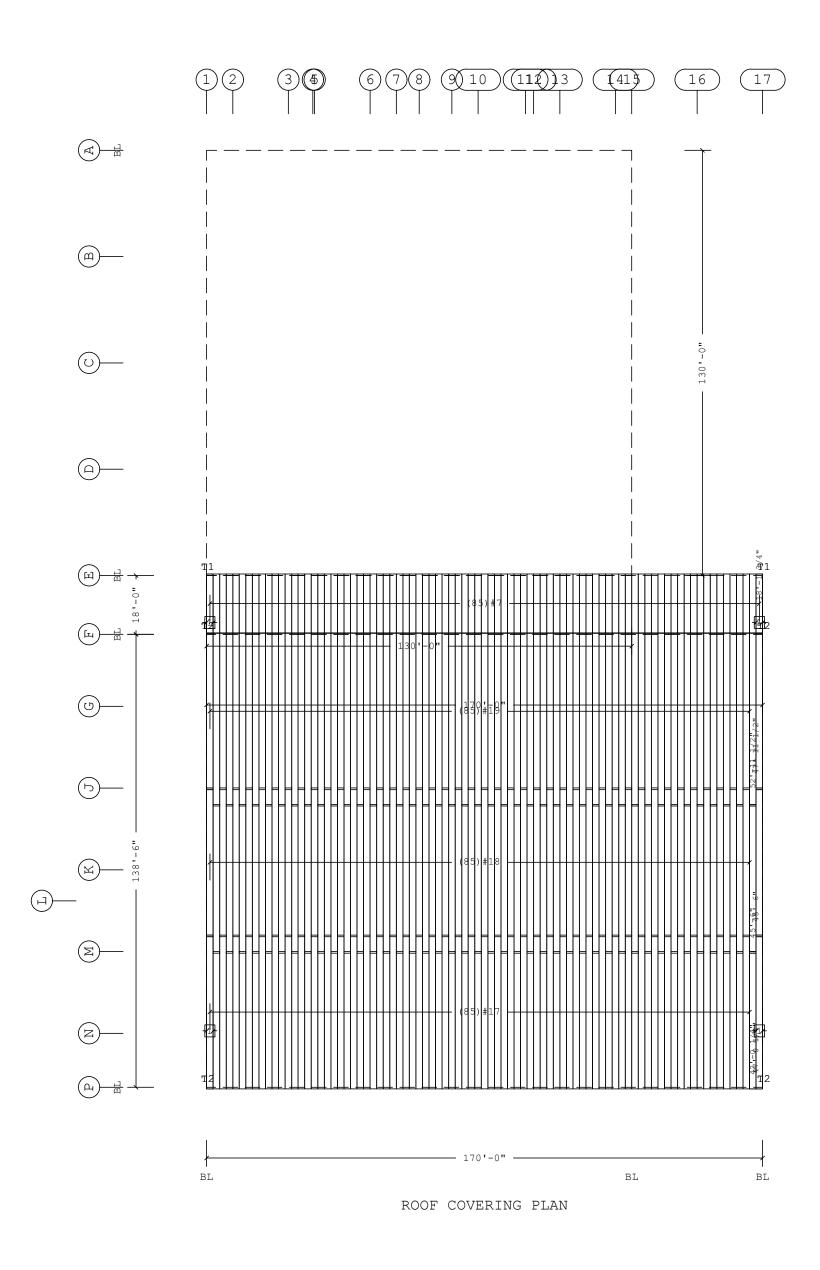
Covering Schedule

Id Qty Start Length Qty Stagger Length Type Gage OP Fin. Color #7 85 18'-1 3/4" MR24 24 40 Z AZ #17 43 47'-0 1/4" 42 42'-0 1/4" MR24 24 13 Z AZ #18 43 45'-6" 42 45'-6" MR24 24 10 Z AZ #19 43 47'-11 1/2" 42 52'-11 1/2" MR24 24 11 Z AZ Oper. Code:40=SQ,SQ Oper. Code:13=SQ,NT Oper. Code:11=SQ,SQ Finish:Z=AlZn

Color:AZ=Plain AlZn

Trim Schedule
Id Parts
T1 0630043
T2 0630043

Color Details
Match Wall Color
Match Wall Color



Planograph Schedule

Id Details

T1 P-080221, P-081236, P-103223, P-104542, P-104714

T2 P-080221, P-104549

Dimension Key

Shape Name = exisiting building , Shape = Snow Load Bay, Shape = Waste Management

1. PRE-DRILLING 1/8 DIAMETER HOLES FOR STRUCTURAL FASTENERS MAY BE REQUIRED FOR HEAVY GAGE NESTED ZEE'S AND/OR FASTENERS TO STRUCTURAL BEAMS

STEEL PANELS ARE AN INTEGRAL PART OF THE STRUCTURAL SYSTEM.
 REMOVAL OR ALTERATION WITHOUT PRIOR AUTHORIZATION IS PROHIBITED.
 DUE TO MANUFACTURING LIMITATIONS SHORT PANELS MAY REQUIRE
 FIELD CUTTING, SEE THE COVERING SCHEDULE FOR CUT LENGTHS.
 SEE JOB DETAILS FOR COVERING AND TRIM FASTENER SPECIFICATION.

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D		BUTLER MANUFACTURING 1540 GENESSEE ST. KANSAS CITY, MO 64102				ROOF COVERING PLAN		
REV:	DATE:	BY:	DESCRIPTION:	BUILDER: CWB Contractors Inc		JOB #:		
				CUSTOMER:	BUTLER	DATE:		
				LOCATION: Avon, Massachusetts	BUTLER	3/30/2021 DRAWN/CHECK:		
				PROJECT: Waste Management	Butler Manufacturing	1		
DRAWI	ING SCALE:	1	NTS	BUILDER'S PO#:	VPC VERSION: ADVNXT 4.3	PAGE:		
	2/24/2024		44.04.07 DDELIMINADY DDAWING		a division of DivaCoons Dividions North Associa			

Covering Schedule

Id Qty Type Start Length Gage OP Fin. Color Increment Direction

#9 22 SHP 32'-10 3/8" 26 1 K TD -3/4" Left to Right

#10 25 SHP 25'-5 3/4" 26 1 K TD -3/4" Left to Right

Oper. Code:1=SQ,SQ

Finish:K=Butler-Cote

Color:TD=Standard Color

Trim Schedule
Id Parts
T1 (2.6)BA225,(5.5)BT12A
T2 (2.9)BA225,(6.1)BT12A

T2 (2.9) BA225, (6.1) BT12A T3 (2.5) 0620163, (2) SHOCT12 T4 (2) 0570751, (2) 0620163, (2) SHOCT12 T5 (6.8) MRGT20R, (11.5) SHCL12, (13.6) WA10A Color
Match Wall Color
Match Wall Color
Match Wall Color
Match Wall Color
Standard Color

KV441,KV442,PV167

Details
ENB006, GV386, GV442, NV115, NV120, NV128, NV130, NV135, NV143, NV664, WCB082, WCB083, WCB084, WCB085, WCB086
ENB006, GV386, GV442, NV115, NV120, NV128, NV130, NV135, NV143, NV664, WCB082, WCB083, WCB084, WCB085, WCB086
NV118, NV119, NV133, NV134
NV118, NV119, NV133, NV134

COVERING ELEVATION AT 1

Fastener Schedule

Part Description

0097364STD (T-1) $1/4-14 \times 3/4$ ", T-30 Torx Hd w/Washer

Planograph Schedule

Id Details

T1 P-081180, P-081505 T2 P-081180, P-081505

T3 P-081180, P-081185

T4 P-081180, P-081185

T5 P-081167,P-081183,P-GAI

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Shape Name = Waste Management , Wall = 1

1. PRE-DRILLING 1/8 DIAMETER HOLES FOR STRUCTURAL FASTENERS
MAY BE REQUIRED FOR HEAVY GAGE NESTED ZEE'S AND/OR FASTENERS
TO STRUCTURAL BEAMS
2. STEEL PANELS ARE AN INTEGRAL PART OF THE STRUCTURAL SYSTEM.

REMOVAL OR ALTERATION WITHOUT PRIOR AUTHORIZATION IS PROHIBITED.

3. DUE TO MANUFACTURING LIMITATIONS SHORT PANELS MAY REQUIRE FIELD CUTTING, SEE THE COVERING SCHEDULE FOR CUT LENGTHS.

4. SEE JOB DETAILS FOR COVERING AND TRIM FASTENER SPECIFICATION.

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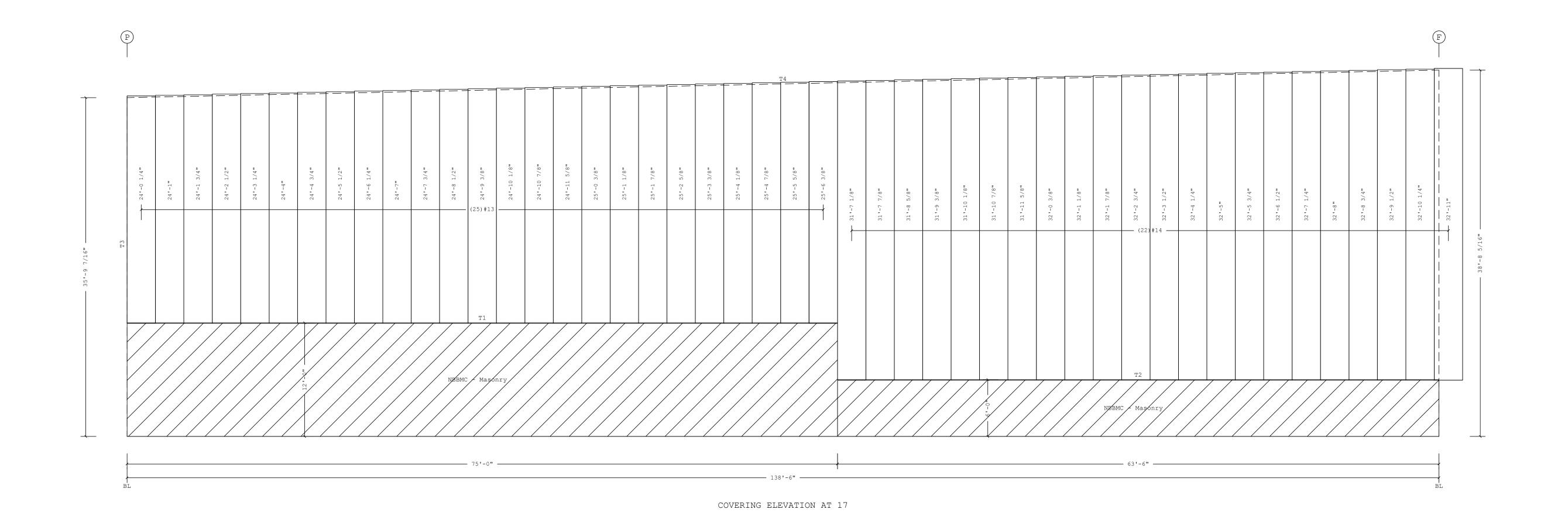
BUTLER MANUFACTURING 1540 GENESSEE ST. KANSAS CITY, MO 64102			Mooto Managamant Cavaring			
DATE:	BY:	DESCRIPTION:	BUILDER: (CWB Contractors Inc		JOB #:
			CUSTOMER:			DATE:
			LOCATION:	Avon, Massachusetts	BUTLER	3/30/2021 DRAWN/CHECK:
			PROJECT: \	Waste Management	Butler Manufacturing	1
WING SCALE:		NTS	BUILDER'S PO	#:	VPC VERSION: ADVNXT 4.3	PAGE:

Covering Schedule Id Qty Type Start Length Gage OP Fin. Color Increment Direction #13 25 SHP 24'-0 1/4" 26 1 K TD 3/4" Left to Right #14 22 SHP 31'-7 1/8" 26 1 K TD 3/4" Left to Right Oper. Code:1=SQ,SQ Finish:K=Butler-Cote Color:TD=Standard Color

Trim Schedule Id Parts T1 (3) BA225, (6.2) BT12A

T2 (2.5) BA225, (5.3) BT12A T3 (4)0620163,(2)SHOCT12 T4 (6.8) MRGT20L, (11.5) SHCL12, (13.6) WA10A Color Match Wall Color Match Wall Color Match Wall Color Standard Color

Details ENB006, GV386, GV442, NV115, NV120, NV128, NV130, NV135, NV143, NV664, WCB082, WCB083, WCB084, WCB085, WCB086 ENB006, GV386, GV442, NV115, NV120, NV128, NV130, NV135, NV143, NV664, WCB082, WCB083, WCB084, WCB085, WCB086 NV118,NV119,NV133,NV134 KV441,KV442,PV167



Fastener Schedule

Part Description

0097364STD (T-1) 1/4-14 x 3/4", T-30 Torx Hd w/Washer

1. PRE-DRILLING 1/8 DIAMETER HOLES FOR STRUCTURAL FASTENERS

Planograph Schedule

Id Details

T1 P-081180, P-081505 T2 P-081180, P-081505

T3 P-081180, P-081185

T4 P-081167,P-081183,P-GAI

Shape Name = Waste Management , Wall = 3

MAY BE REQUIRED FOR HEAVY GAGE NESTED ZEE'S AND/OR FASTENERS TO STRUCTURAL BEAMS 2. STEEL PANELS ARE AN INTEGRAL PART OF THE STRUCTURAL SYSTEM. REMOVAL OR ALTERATION WITHOUT PRIOR AUTHORIZATION IS PROHIBITED. 3. DUE TO MANUFACTURING LIMITATIONS SHORT PANELS MAY REQUIRE

FIELD CUTTING, SEE THE COVERING SCHEDULE FOR CUT LENGTHS. 4. SEE JOB DETAILS FOR COVERING AND TRIM FASTENER SPECIFICATION. THE BUTLER MFG. ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF BUTLER MFG. AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED BY BUTLER. THE BUTLER MFG. ENGINEER'S SEAL DOES NOT APPLY TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY BUTLER EXCEPT TO ANY DESIGN OR PERFORMANCE

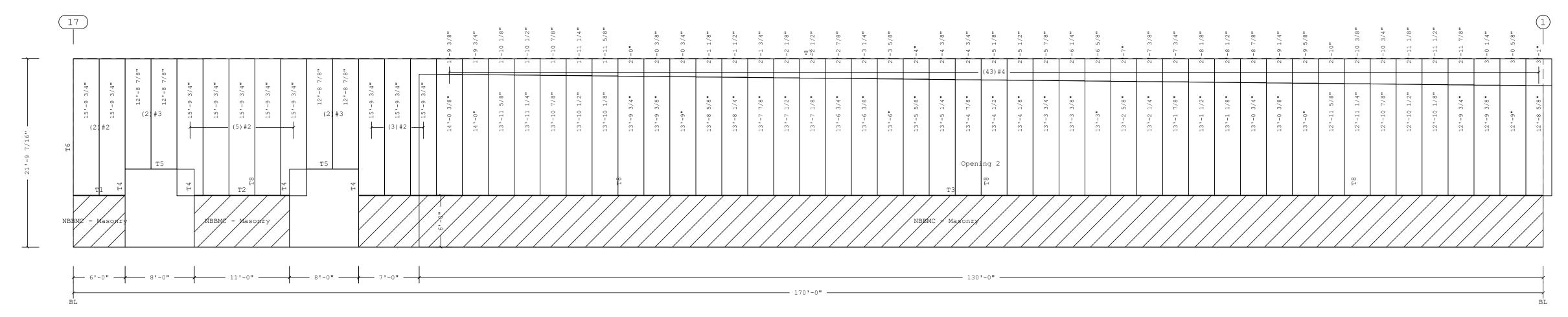
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D		1540 G	BUTLER MANUFACTURING ENESSEE ST. KANSAS CITY, MO 64102	Waste Management -Covering at 17				
REV:	DATE:	BY:	DESCRIPTION:	BUILDER: CWB Contractors Inc	JOB#:			
				CUSTOMER:	DATE:			
				LOCATION: Avon, Massachusetts	BUTLER 3/30/2021 DRAWN/CHECK:			
				PROJECT: Waste Management	Butler Manufacturing /			
ORAWIN	NG SCALE:		NTS	BUILDER'S PO#:	VPC VERSION: ADVNXT 4.3			

Trim Schedule Covering Schedule Id Qty Type Start Length Gage OP Fin. Color Increment Direction Id Parts Color Details #2 10 SHP 15'-9 3/4" 26 1 K TD T1 (0.2) BA225, (0.5) BT12A Match Wall Color ENB006, GV386, GV442, NV115, NV120, NV128, NV130, NV135, NV143, NV664, WCB082, WCB083, WCB084, WCB085, WCB086 Left to Right T2 (0.4) BA225, (0.9) BT12A #3 4 SHP 12'-8 7/8" 26 2 K TD Left to Right Match Wall Color ENB006, GV386, GV442, NV115, NV120, NV128, NV130, NV135, NV143, NV664, WCB082, WCB083, WCB084, WCB085, WCB086 #4 43 SHP 1'-9 3/8" 26 2 K TD -3/8" Left to Right T3 (5.5) BA225, (11.4) BT12A Match Wall Color ENB006, GV386, GV442, NV115, NV120, NV128, NV130, NV135, NV143, NV664, WCB082, WCB083, WCB084, WCB085, WCB086 Oper. Code:1=SQ,SQ T4 (0.2) DSF12C Match Wall Color NV568,NV569,WCB024,WCB025 T5 DGS12 NV125,NV140,NV566 Oper. Code:2=SQ,SQ Match Wall Color Finish:K=Butler-Cote T6 (2.5)0620163,(2)SHOCT12 Match Wall Color NV118,NV119,NV133,NV134 Color:TD=Standard Color T7 (15) CLE12D, (17) EA1021, (7) GTR25, (15) SHCL12 MV395,NV110,NV116,NV131 Standard Color T8 0008738, (2) 4CE45, 4CE75, (2.5) CP410 Match Wall Color KV846



COVERING ELEVATION AT E

Fastener Schedule

Part Description

0097364STD (T-1) 1/4-14 x 3/4", T-30 Torx Hd w/Washer Planograph Schedule

Id Details

T1 P-081180, P-081505

T2 P-081180, P-081505

T3 P-081180, P-081505

T4 P-081201, P-081202, P-081203

T5 P-081203

T6 P-081180, P-081185

T7 P-080221, P-080225, P-103223, P-103315, P-104714

T8 P-105224, P-105225, P-105228

Shape Name = Snow Load Bay, Wall = 2

1. PRE-DRILLING 1/8 DIAMETER HOLES FOR STRUCTURAL FASTENERS MAY BE REQUIRED FOR HEAVY GAGE NESTED ZEE'S AND/OR FASTENERS TO STRUCTURAL BEAMS 2. STEEL PANELS ARE AN INTEGRAL PART OF THE STRUCTURAL SYSTEM. REMOVAL OR ALTERATION WITHOUT PRIOR AUTHORIZATION IS PROHIBITED.

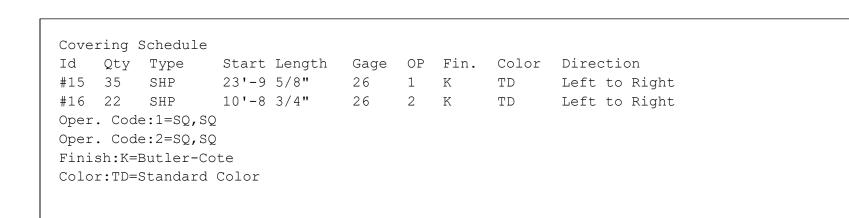
3. DUE TO MANUFACTURING LIMITATIONS SHORT PANELS MAY REQUIRE FIELD CUTTING, SEE THE COVERING SCHEDULE FOR CUT LENGTHS. 4. SEE JOB DETAILS FOR COVERING AND TRIM FASTENER SPECIFICATION. THE BUTLER MFG. ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF BUTLER MFG. AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED BY BUTLER. THE BUTLER MFG. ENGINEER'S SEAL DOES NOT APPLY TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY BUTLER EXCEPT TO ANY DESIGN OR PERFORMANCE

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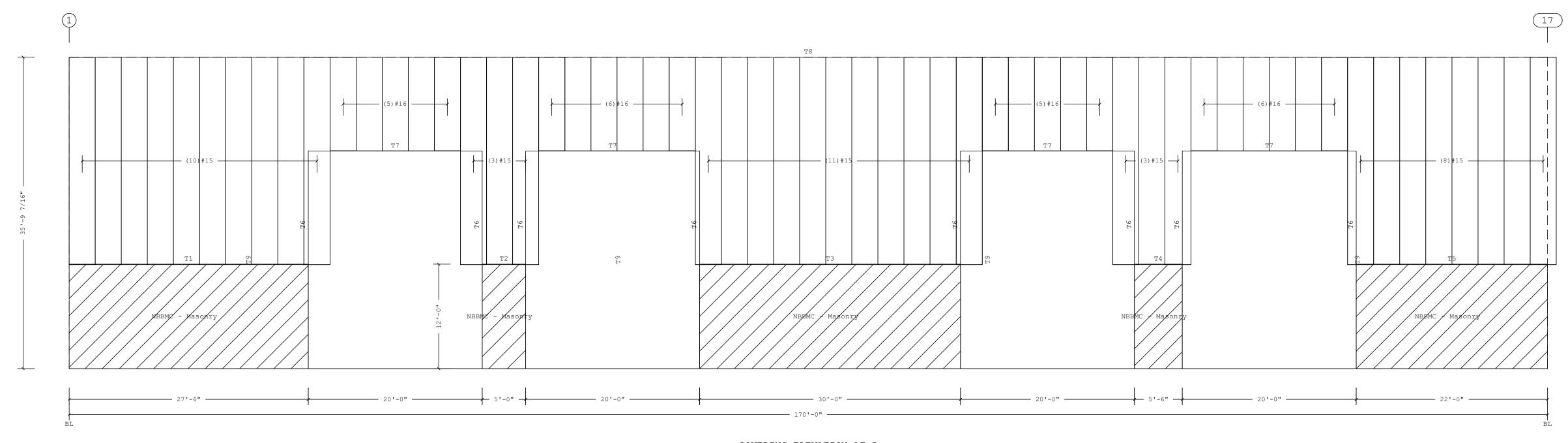
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D		UTLER MANUFACTURING SSEE ST. KANSAS CITY, MO 64102	Sno	w Load Bay-Covering at E		
EV: DATE:	BY:	DESCRIPTION:	BUILDER:	CWB Contractors Inc		JOB #:
			CUSTOMER:		PUT ED	DATE:
			LOCATION:	Avon, Massachusetts	BUTLER	3/30/2021 DRAWN/CHECK:
			PROJECT:	Waste Management	Butler Manufacturing	1
RAWING SCALE:		NTS	BUILDER'S P	PO#:	VPC VERSION: ADVNXT 4.3	PAGE:



Trim	Schedule
Id	Parts
T1	(1.1) BA225, (2.3) BT12A
Т2	(0.2) BA225, (0.4) BT12A
Т3	(1.2)BA225, (2.5)BT12A
Т4	(0.2) BA225, (0.5) BT12A
T5	(0.9) BA225, (1.8) BT12A
Т6	(1.1) DSF12C
Т7	(2) DGS12
T8	(15) CLE12D, (17) EA1021, (7) GTR25, (15) SHCL1
Т9	0008738, (2) 4CE45, 4CE75, (4) CP410

Color	Details
Match Wall Color	ENB006, GV386, GV442, NV115, NV120, NV128, NV130, NV135, NV143, NV664, WCB082, WCB083, WCB084, WCB085, WCB086
Match Wall Color	ENB006, GV386, GV442, NV115, NV120, NV128, NV130, NV135, NV143, NV664, WCB082, WCB083, WCB084, WCB085, WCB086
Match Wall Color	ENB006, GV386, GV442, NV115, NV120, NV128, NV130, NV135, NV143, NV664, WCB082, WCB083, WCB084, WCB085, WCB086
Match Wall Color	ENB006, GV386, GV442, NV115, NV120, NV128, NV130, NV135, NV143, NV664, WCB082, WCB083, WCB084, WCB085, WCB086
Match Wall Color	ENB006, GV386, GV442, NV115, NV120, NV128, NV130, NV135, NV143, NV664, WCB082, WCB083, WCB084, WCB085, WCB086
Match Wall Color	NV568,NV569,WCB024,WCB025
Match Wall Color	NV125,NV140,NV566
Standard Color	MV395,NV110,NV116,NV131
Match Wall Color	KV846



COVERING ELEVATION AT P

Fastener Schedule

Part Description

0097364STD (T-1) $1/4-14 \times 3/4$ ", T-30 Torx Hd w/Washer

Planograph Schedule

Id Details

T1 P-081180,P-081505 T2 P-081180,P-081505

T3 P-081180, P-081505

T4 P-081180, P-081505

T5 P-081180, P-081505

T6 P-081201, P-081202, P-081203

T7 P-081203

T8 P-080221, P-080225, P-103223, P-103315, P-104714

T9 P-105224, P-105225, P-105228

Shape Name = Waste Management , Wall = 4

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D	BUTLER MANUFACTURING 1540 GENESSEE ST. KANSAS CITY, MO 64102			Waste Management -Covering at P		
REV:	DATE:	BY:	DESCRIPTION:	BUILDER: CWB Contractors Inc	JOB #:	
				CUSTOMER:	DATE:	
				LOCATION: Avon, Massachusetts	BUTLER 3/30/2021 DRAWN/CHECK:	
				PROJECT: Waste Management	Butler Manufacturing /	
RAWING SCALE: NTS				BUILDER'S PO#:	VPC VERSION: ADVNXT 4.3	