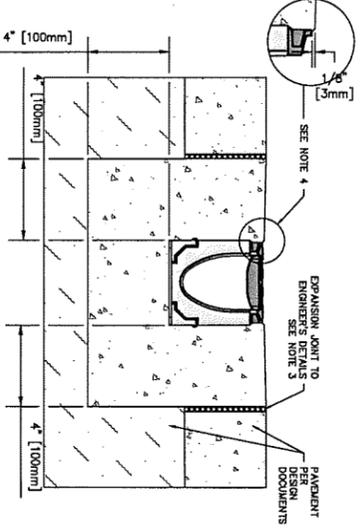
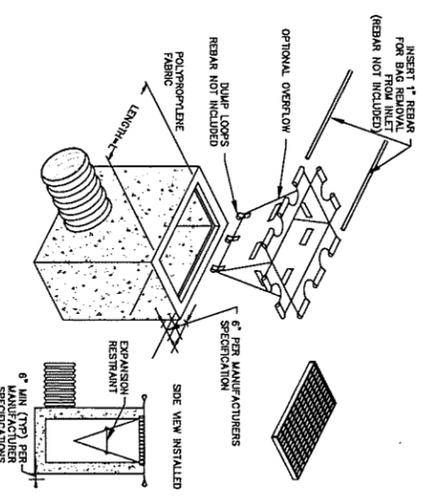
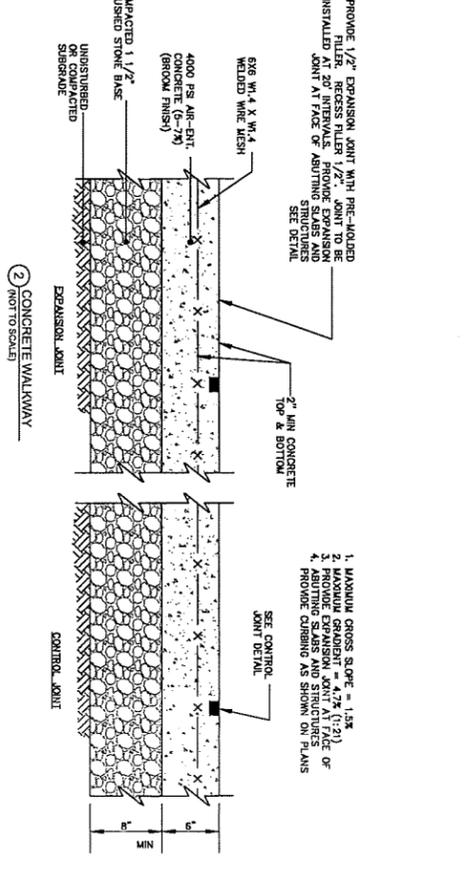
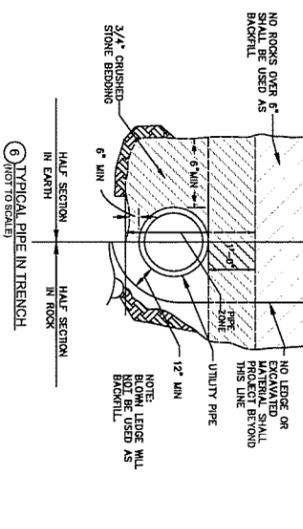
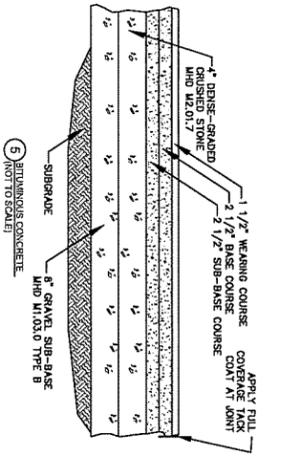
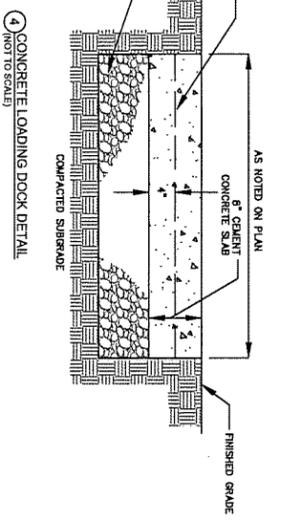
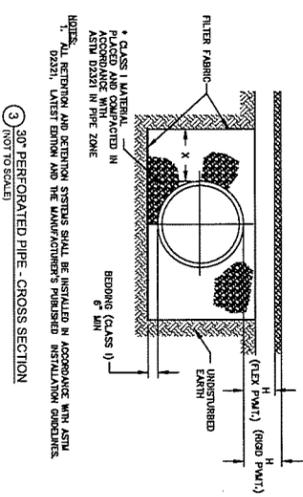
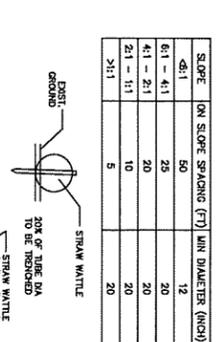


NO.	DIAMETER	LENGTH	TYPE
1	6"	12'	CONCRETE
2	6"	12'	CONCRETE
3	6"	12'	CONCRETE



SLOPE	ON SLOPE SPACING (T)	MIN DIAMETER (INCH)
0.5	50	12
0.1 - 0.5	25	20
0.1 - 0.2	20	20
0.1 - 0.15	10	20
0.15 - 0.2	5	20



PLANNING ROAD
TOWN OF FRAMINGHAM

DATE: 08/07/2015
DRAWN BY: AS SHOWN
SCALE: AS SHOWN

NO. DATE REVISIONS
1 12/12/2015 REV FROM ARCH. DWG
2 09/15/2016 INT. TRENCH

1. MINIMUM GROSS SLOPE = 1.5%
2. PROVIDE EXPANSION JOINT AT FACE OF
3. PROVIDE EXPANSION JOINT AT FACE OF
4. PROVIDE CONTROL JOINT AS SHOWN ON PLANS
SEE CONTROL JOINT DETAIL

SEAL

CONTRACTOR'S SEAL

ENGINEER'S SEAL

CDW CONSULTANTS, INC.
40 GREEN STREET
SUITE 301
FRAMINGHAM, MA 01701
TEL: (508) 875-2651 FAX: (508) 875-8817
WWW.CDWCONSULTANTS.COM

DOOR SYSTEMS INC.
PROPOSED LOADING DOCK
120 ALEXANDER ST.
FRAMINGHAM MA
PARCEL ID: 141-93-1492-000

TYPICAL DETAILS
C-2.0
SHEET 2 OF 2
THE NO. 1470.00

NOTES:
1. INSTALL CATCH BASIN INLET PROTECTION PER MANUFACTURER'S SPECIFICATIONS.
2. REMOVE CATCH BASIN GRATE AND INSTALL POLYPROPYLENE FABRIC OVER CATCH BASIN.
3. LENGTH AND WIDTH WILL BE MANUFACTURED TO FIT THE OPENING OF THE CATCH BASIN OR DRAIN INLET.
4. PROVIDE ALL ACCUMULATED SEDIMENT AND DEBRIS FROM SURFACE AND VICINITY OF INLET AFTER EACH STORM EVENT. REMOVE SEDIMENT THAT HAS ACCUMULATED WITHIN THE CONTAINMENT AREA OF THE CATCH BASIN INLET PROTECTION SACK AS NEEDED.

NOTES:
1. NECESSARY TO DESIGN MINIMUM DIMENSIONS SHOWN ARE SUITABLE FOR DESIGNING UNDER CONDITIONS OF MINIMUM CONCRETE STRENGTH OF 4000 PSI IS RECOMMENDED. CONCRETE SHOULD BE VIBRATED TO ELIMINATE AIR POCKETS. JOINTS AND REINFORCEMENT ARE RECOMMENDED TO BE PROVIDED AT FACE OF CONCRETE. CONCRETE SHOULD BE FINISHED TO FACE OF CHANNEL. TOP OF THE FINISHED LEVEL OF THE CONCRETE SURROUNDING MUST BE APPROX. 1/8" [3mm] ABOVE THE SURFACE OF THE CHANNEL. THE FINISHED SURROUNDING SHOULD MATCH SLAB THICKNESS. ENGINEERING ADVISE MAY BE REQUIRED TO DETERMINE PROPER LOAD CLASS.

NOTES:
1. WATTLES MUST MEET THE CRITERIA OUTLINED IN THE SPECIFICATIONS BEFORE BEING USED.
2. PROPER SITE PREPARATION IS ESSENTIAL. TO ENSURE WATTLES ARE IN COMPLETE CONTACT WITH UNDERLYING SOIL. SANDWICH TUBES ARE TO BE 18"-24" IN DIAMETER AND ARE TO BE THICKER 3 TO 5 INCHES.
3. WATTLES ARE TO BE INSTALLED PERPENDICULAR TO WATER FLOW.
4. WATTLES SHOULD BE STAKED DOWN WITH 1 INCH BY 1 INCH WOOD STAKES OR 1.25 LB/LY/48 INCH FOOT STEEL PINS EVERY 3 TO 4 FEET ALONG THE LENGTH. THE STAKES SHOULD BE A MINIMUM OF 2 FEET INTO THE SOIL. WATTLES SHOULD BE STAKED TO THE SOIL. THE STAKES SHOULD BE STAKED TO THE SOIL.
5. SELECT PROPER LENGTH OF WATTLES TO MINIMIZE THE NUMBER NEEDED TO SPAN THE WIDTH OF AREA. IF NECESSARY, WATTLES CAN BE LAPPED A MINIMUM OF 8 INCHES TO PREVENT PASSAGE OF FLOW AND SEDIMENT THROUGH THE WATTLES.
6. WATTLES SHOULD BE INSTALLED WITH THE WATTLES AND BEHIND OF THEM IN ORDER TO PREVENT NON-HOMOGENEOUS FLOW PATTERNS.
7. WATTLES SHOULD BE INSTALLED WITH THE WATTLES AND BEHIND OF THEM IN ORDER TO PREVENT NON-HOMOGENEOUS FLOW PATTERNS.
8. REMOVE AND/OR REPLACE REPAIRED WATTLES AS REQUIRED TO MAINTAIN PROPER CONSTRUCTION SITE PROTECTION. WATTLES SHOULD BE REPLACED WITHIN 24 HOURS OF REMOVAL. WATTLES SHOULD BE REPLACED WITHIN 24 HOURS OF REMOVAL.
9. WATTLES SHOULD BE INSTALLED WITH THE WATTLES AND BEHIND OF THEM IN ORDER TO PREVENT NON-HOMOGENEOUS FLOW PATTERNS.
10. FROM TO FINAL STABILIZATION, BARRELS, ALL THICKNESS DIMENSIONS, AND OTHER GROUND DISTURBANCES CAUSED BY THE REMOVAL OF THE WATTLES.

NOTES:
1. REPAIR 1/2" O.C. #4 REBAR 1/2" DIA. W/ 12" COMPACTED AGGREGATE BASE.
2. FINISHED GRADE.
3. AS NOTED ON PLAN.
4. 6" CONCRETE SLAB.
5. 6" GRANULAR SUB-BASE.
6. 6" GRANULAR SUB-BASE AND M1.020 TYPE B SUBGRADE.

NOTES:
1. PROVIDE 1/2" EXPANSION JOINT WITH PRE-CASTED FLUTE. RECESS FLUTE 1/2" JOINT TO BE INSTALLED AT 20' INTERVALS. PROVIDE EXPANSION JOINT AT FACE OF ABUTTING CONCRETE. SEE DETAIL.
2. PROVIDE 1/2" EXPANSION JOINT WITH PRE-CASTED FLUTE. RECESS FLUTE 1/2" JOINT TO BE INSTALLED AT 20' INTERVALS. PROVIDE EXPANSION JOINT AT FACE OF ABUTTING CONCRETE. SEE DETAIL.
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NOTES:
1. MINIMUM GROSS SLOPE = 1.5%
2. PROVIDE EXPANSION JOINT AT FACE OF
3. PROVIDE EXPANSION JOINT AT FACE OF
4. PROVIDE CONTROL JOINT AS SHOWN ON PLANS
SEE CONTROL JOINT DETAIL

SEAL

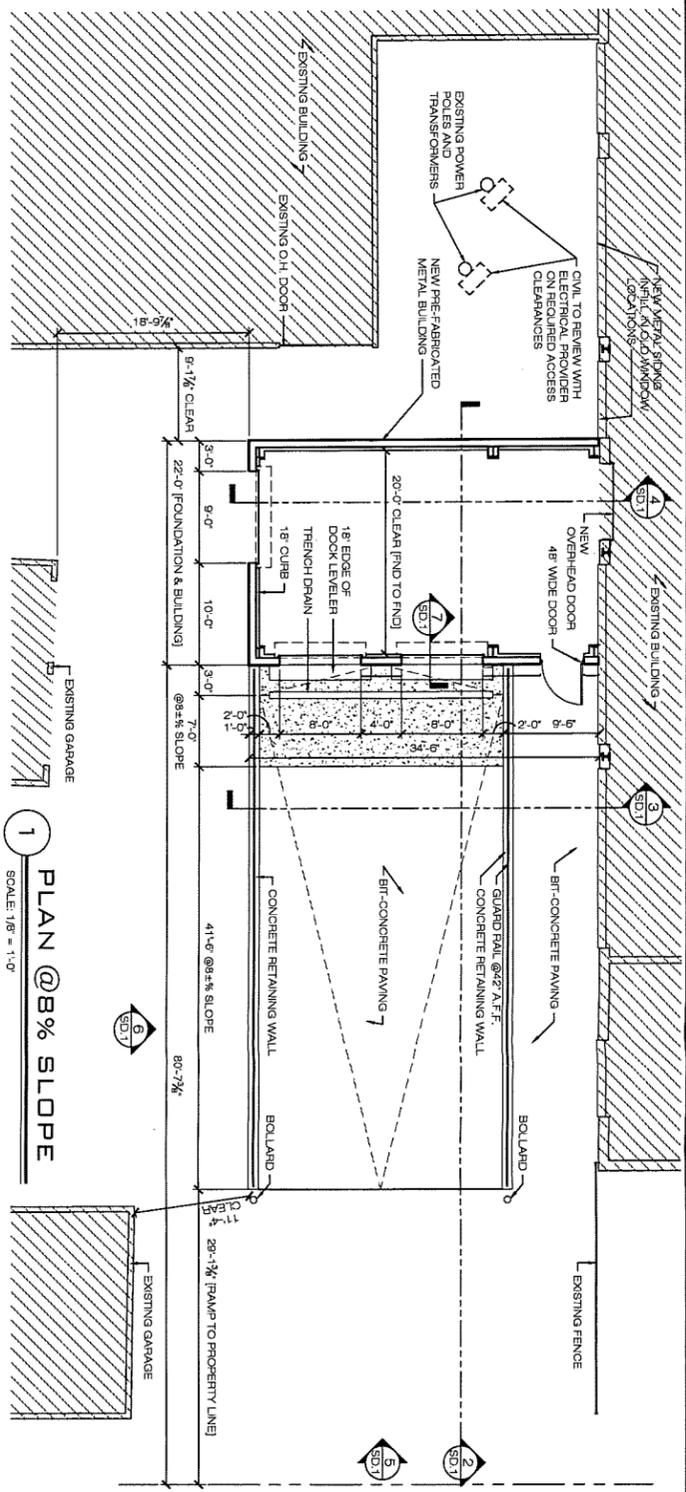
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ENGINEER'S SEAL

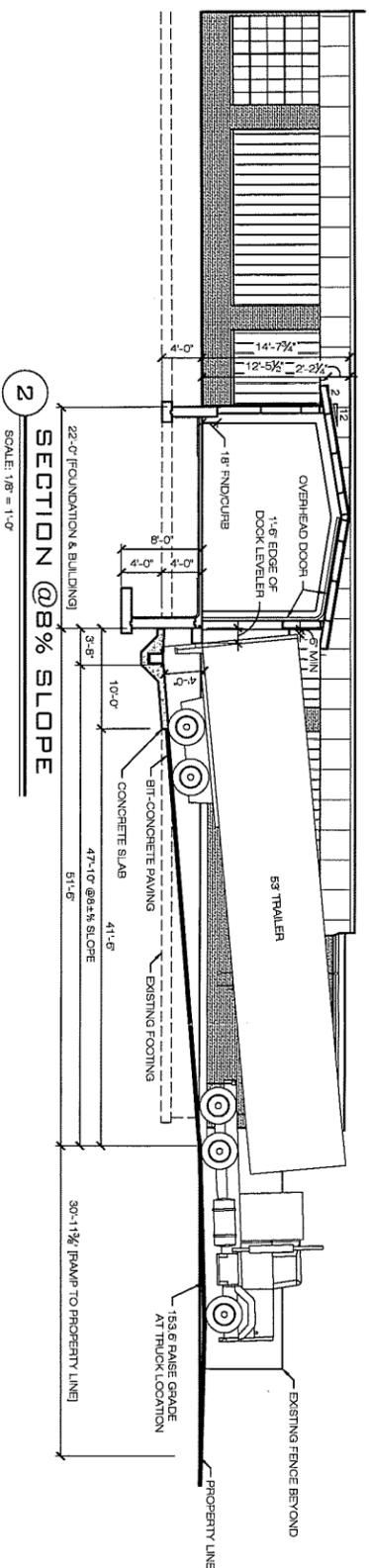
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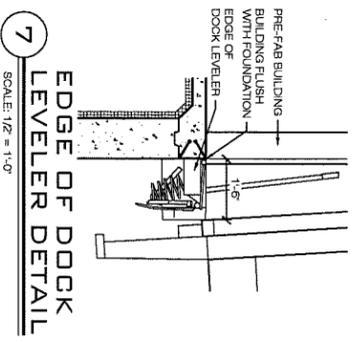
TYPICAL DETAILS
C-2.0
SHEET 2 OF 2
THE NO. 1470.00



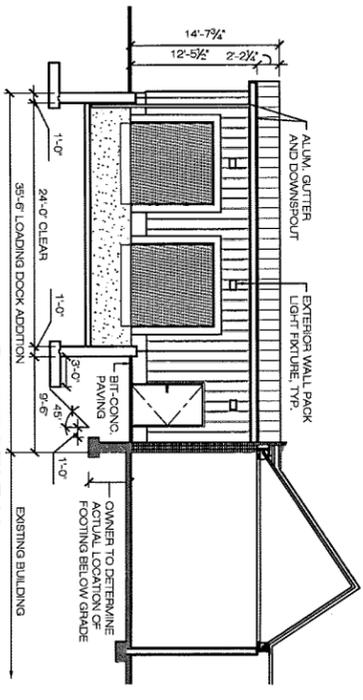
1 PLAN @8% SLOPE
SCALE: 1/8" = 1'-0"



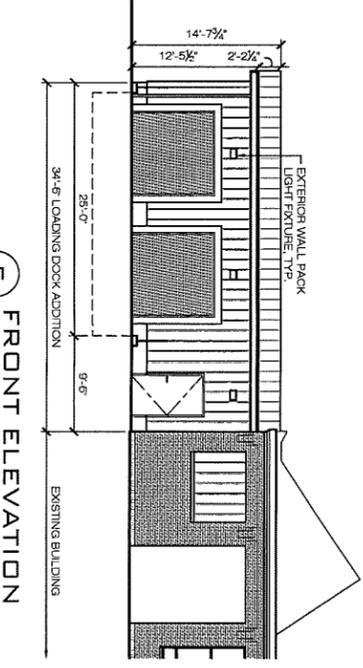
2 SECTION @8% SLOPE
SCALE: 1/8" = 1'-0"



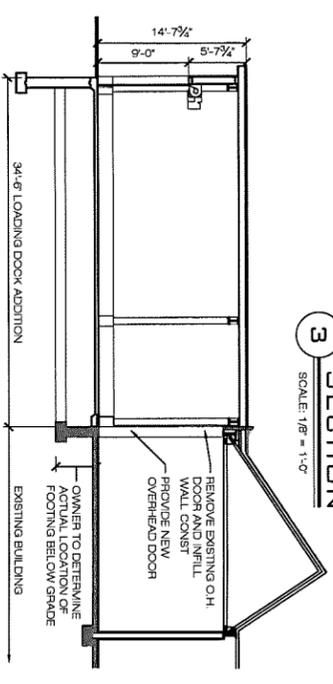
7 EDGE OF DOCK LEVELER DETAIL
SCALE: 1/2" = 1'-0"



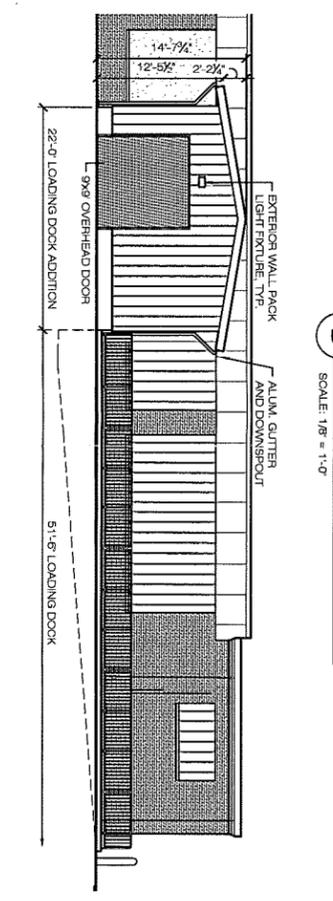
3 SECTION
SCALE: 1/8" = 1'-0"



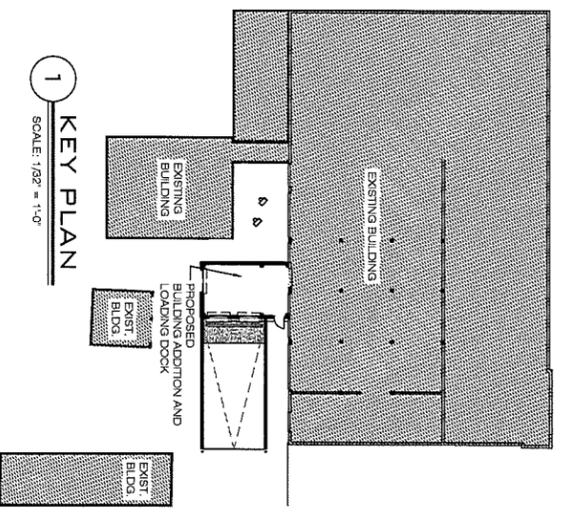
5 FRONT ELEVATION
SCALE: 1/8" = 1'-0"



4 SECTION
SCALE: 1/8" = 1'-0"



6 SIDE ELEVATION
SCALE: 1/8" = 1'-0"



1 KEY PLAN
SCALE: 1/32" = 1'-0"

GMA
GOLDFINE MITCHELL ARCHITECTS LLC
 6 WILKINS DRIVE, SUITE 210
 PLAINVILLE, MA 02768 508-909-3500

DOOR SYSTEMS, INC.
 LOADING DOCK
 120 ALEXANDER ST
 FRAMMINGHAM, MA

PROPOSED LOADING DOCK ADDITION

Δ	Date	Revisions

PRELIMINARY REVIEW
 Scale: AS NOTED
 Date: 12-08-15
 Drawn By: KB
 Checked By: MAB
 Job Number: 15221

Drawing: **A1.1**

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