	LEGEND		
$\oplus \boxplus$	CATCH BASIN	D	DRAIN
D	DRAIN MANHOLE	——— E ———	ELECTRIC FIRE SERVICE
E	ELECTRIC MANHOLE	s	SEWER
	SIGN	— т —	TELEPHONE
S	SEWER MANHOLE	— w —	WATER CHAIN LINK FENCE
T	TELEPHONE MANHOLE	mmmm.	TREE LINE
Ü	UNKNOWN MANHOLE		
G.G.	GAS GATE		
W.G.	WATER GATE	REFERENCE	
AD	AREA DRAIN	DEED REFERENCE: BK 44766 PG. 68	
СВ	CATCH BASIN	BK 44766 PG. 74	
CO	CLEAN OUT	PLAN REFERENCE: PLAN 228 OF 1985	
FS	FIRE SERVICE		
O/F	OVERFLOW	ASSESSORS: MAP 115 BLOCK B, LOTS 2, 3, & 4	
RD	ROOF DRAIN		

PIPE MATERIALS:

DRAIN: 8" PVC ASTM D3034-SDR 35.

UNLESS OTHERWISE NOTED.

ROOF DRAIN: 6" PVC ASTM D3034-SDR 35,

UNLESS OTHERWISE NOTED.

FROM RESPECTIVE UTILITY COMPANIES.

2. THIS PLAN DOES NOT NECESSARILY DEPICT THE EXACT LOCATION AND SIZE OF

1. THE LOCATION OF AND SIZE OF BURIED UTILITIES ARE THE RESULT OF SURFACE

EVIDENCE AS LOCATED BY FIELD SURVEY BY DCI, PLANS OF RECORD & PLANS

GENERAL NOTES

2. THIS PLAN DOES NOT NECESSARILY DEPICT THE EXACT LOCATION AND SIZE OF ALL UTILITIES WHICH MAY EXIST AT THIS TIME INSIDE OR OUTSIDE OF EXISTING OR PROPOSED BUILDINGS, ON THE SUBJECT PROPERTY, WITHIN THE STREET ROW, OR ON ABUTTING LOTS.

3. THE CITY OF SOMERVILLE'S MUNICIPAL UTILITIES (WATER, SEWER & DRAIN) ARE PART OF DIG-SAFE. MARKING OF THE CITY OF SOMERVILLE'S FACILITIES ARE DONE BY CITY OF SOMERVILLE'S PERSONNEL. CONTACT DIG-SAFE AT 1-888-344-7233 AT LEAST 72 HOURS PRIOR TO EXCAVATION.

4. THE CONTRACTOR SHALL SUPPLY ALL FITTINGS AND VALVES NECESSARY FOR THE INSTALLATION OF THE DOMESTIC AND FIRE WATER SERVICES.

5. NEW WATER SERVICES MUST BE LEFT SHUT OFF AT THE MAIN ON THE STREET UNTIL ACTIVATED BY THE CITY OF SOMERVILLE.

6. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE EXACT LOCATIONS OF EXISTING UTILITIES, AND VERIFYING AND RECORDING THE EXACT LOCATION OF ALL PROPOSED UTILITY CONNECTIONS.

7. ALL EXISTING UTILITY SERVICE CONNECTIONS SHALL BE ABANDONED UNLESS NOTED OTHERWISE. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE EXACT LOCATION OF EACH CONNECTION. THE WATER, DRAIN, AND SEWER SERVICES SHALL BE CAPPED AND CUT AT THE MAIN IN THE STREET BY THE CONTRACTOR. THE PROPOSED GAS INSTALLATION AND ABANDONMENT OF EXISTING CONNECTIONS SHALL BE COORDINATED BY THE CONTRACTOR WITH THE RESPECTIVE COMPANY.

8. PERCOLATION TESTS SHALL BE PERFORMED PRIOR TO INSTALLATION OF STORMWATER MANAGEMENT SYSTEM. ADJUSTMENTS TO SYSTEM MAY BE REQUIRED PER TEST PIT RESULTS.

9. THE RESPONSIBILITY OF OWNERSHIP AND MAINTENANCE OF THE SEWER, WATER, AND DRAIN CONNECTIONS ON PRIVATE PROPERTY AND/OR PRIVATE AND PUBLIC WAYS SHALL REMAIN THAT OF THE OWNER.

10. THE CITY OF SOMERVILLE RESERVES THE RIGHT TO INSPECT ALL FACILITIES DISCHARGING TO THE MUNICIPAL DRAIN, SEWER, AND COMBINED SEWER SYSTEMS.

11. ALL WORK PERFORMED AS PART OF THIS PROJECT SHALL CONFORM TO THE STANDARD SPECIFICATIONS & REGULATIONS OF THE CITY OF SOMERVILLE AND ANY OTHER AGENCY WITH AUTHORITY IN THIS AREA.

12. DURING EXCAVATION AND CONSTRUCTION OF PIPES AND STRUCTURES, TRENCHES MUST BE ADEQUATELY BRACED AND PROTECTED AGAINST CAVE-IN.

13. ALL RIMS AND COVERS OF EXISTING UTILITIES STRUCTURES TO REMAIN WITHIN THE LIMIT OF WORK SHALL BE ADJUSTED OR REMODELED TO MEET PROPOSED GRADES, UNLESS OTHERWISE NOTED.

14. ALL UTILITIES SHOWN ON THIS SITE ARE TO THE EXTERIOR OF THE BUILDING FOUNDATION ONLY. UTILITIES THROUGH THE FOUNDATION AND INSIDE THE BUILDING ARE APPROXIMATE AND THE RESPONSIBILITY OF THE MECHANICAL ENGINEER. SEE MECHANICAL ENGINEER PLANS.

15. THIS PLAN HAS BEEN PREPARED FOR THE APPROVAL OF THE DOMESTIC/FIRE WATER SERVICE, SEWER SERVICE, AND THE STORM DRAINAGE SYSTEM.

gn Consultants,
GINEERS and LAND SURVEYO
esex Avenue, Suite 20
e. MA 02145

Design Consultants, Inc.
CIVIL ENGINEERS and LAND SURVEYORS
120 Middlesex Avenue, Suite 20
Somerville, MA 02145
617-776-3350p 617-776-7710f

DEVELOPER:
LIFE STORAGE
6467 MAIN STREET
WILLIAMSVILLE, NY 14221
716-650-6012

ARCHITECT:
STINARD ARCHITECTURE, INC.
217 SOUTH ERWIN STREET
6467 MAIN STREET
CARTERVILLE, GA 30120
770.425.7400
PROJECT TEAM

LIFE STORAGE

3-STORY STORAGE FACILITY
51 MCGRATH HIGHWAY
SOMERVILLE, MA 02143

PROJECT INFO

REV DESCRIPTION DATE

TAND

LAYOUT & GRADING PLAN

SHEET NAME:

C1.0

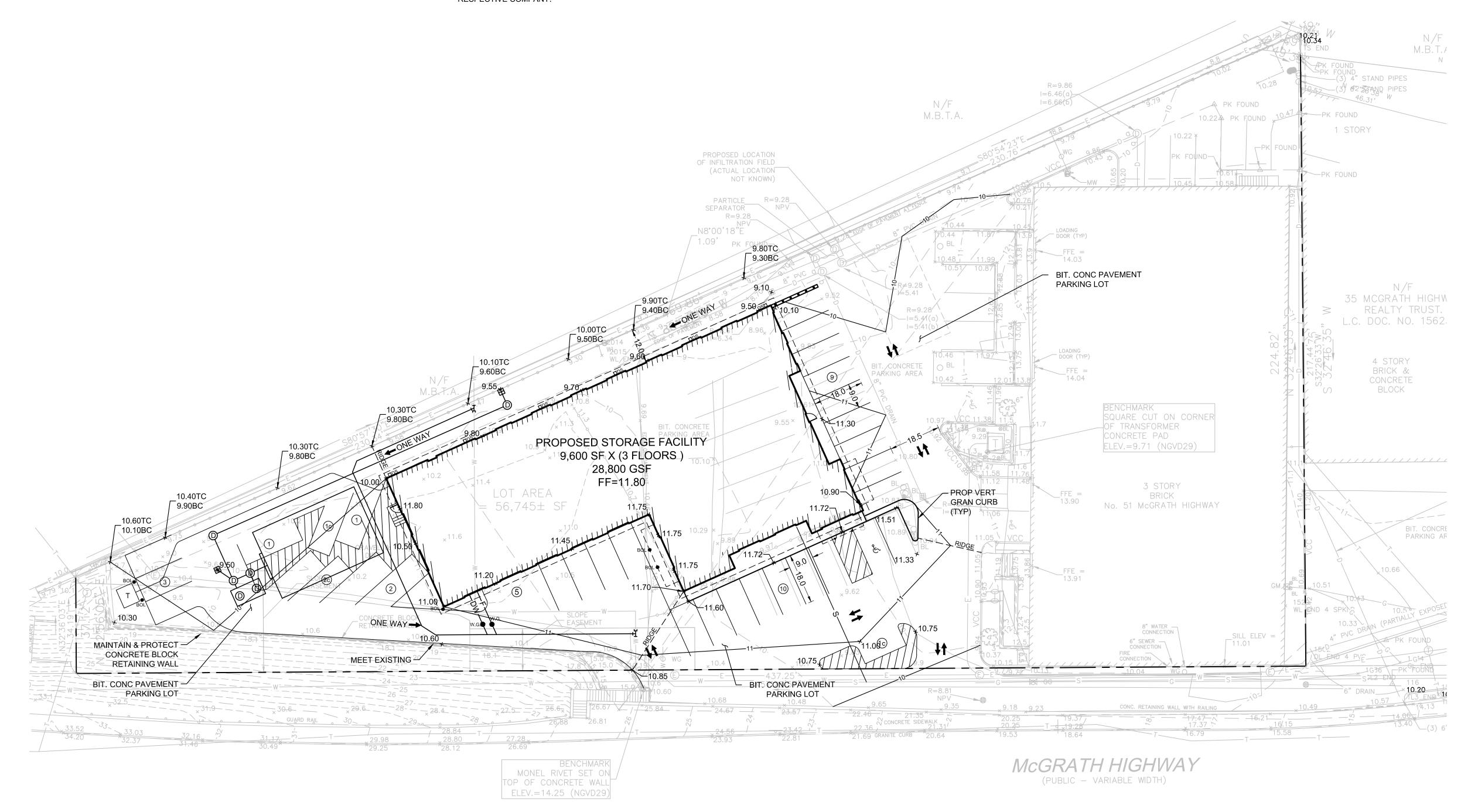
SHT NO:

DR BY: WK

CHK BY: RLB

PROJ NO: 2014-108

DATE: JUNE 19, 2017



LEGEND					
(a) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	CATCH BASIN DRAIN MANHOLE ELECTRIC MANHOLE SIGN SEWER MANHOLE TELEPHONE MANHOLE UNKNOWN MANHOLE GAS GATE WATER GATE	— D DRAIN — E ELECTRIC FIRE SERVICE SEWER TELEPHONE W WATER X X CHAIN LINK FENCE TREE LINE REFERENCE			
AD CB CO FS O/F RD	AREA DRAIN CATCH BASIN CLEAN OUT FIRE SERVICE OVERFLOW ROOF DRAIN	DEED REFERENCE: BK 44766 PG. 68 BK 44766 PG. 74 PLAN REFERENCE: PLAN 228 OF 1985 ASSESSORS: MAP 115 BLOCK B, LOTS 2, 3, & 4			
		PIPE MATERIALS: DRAIN: 8" PVC ASTM D3034-SDR 35. UNLESS OTHERWISE NOTED.			

TRANSFORMER

1. THE LOCATION OF AND SIZE OF BURIED UTILITIES ARE THE RESULT OF SURFACE EVIDENCE AS LOCATED BY FIELD SURVEY BY DCI, PLANS OF RECORD & PLANS FROM RESPECTIVE UTILITY COMPANIES.

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GENERAL NOTES

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26BIENDCHMARK

MONEL RIVET SET ON

TOP OF CONCRETE WALL

ELEV.=14.25 (NGVD29)

L CUT&PLUG EXISTING

ADD THRUST BLOCK

&TEE-FITTING

8. COLATION TESTS SHALL BE PERFORMED PRIOR TO INSTALLATION OF STORMWATER MANAGEMENT SYSTEM. ADJUSTMENTS TO SYSTEM MAY BE REQUIRED PER TEST PIT RESULTS.

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CONCRETE SIDEWALK ?

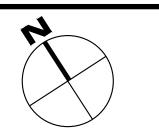
- PROP SEWER SERVICE

(PUBLIC - VARIABLE WIDTH)

CONNECTION

RIM=11.1

INV=8.6



NORTH

Design Consultants, Inc.
CIVIL ENGINEERS and LAND SURVEYORS
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DEVELOPER:
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6467 MAIN STREET
WILLIAMSVILLE, NY 14221
716-650-6012

ARCHITECT:
STINARD ARCHITECTURE, INC.
217 SOUTH ERWIN STREET
6467 MAIN STREET
CARTERVILLE, GA 30120
770.425.7400
PROJECT TEAM

LIFE STORAGE

3-STORY STORAGE FACILITY
51 MCGRATH HIGHWAY
SOMERVILLE, MA 02143

PROJECT INFO

REV DESCRIPTION DATE

DRAINAGE & UTILITY PLAN

SHEET NAME:

C2.0

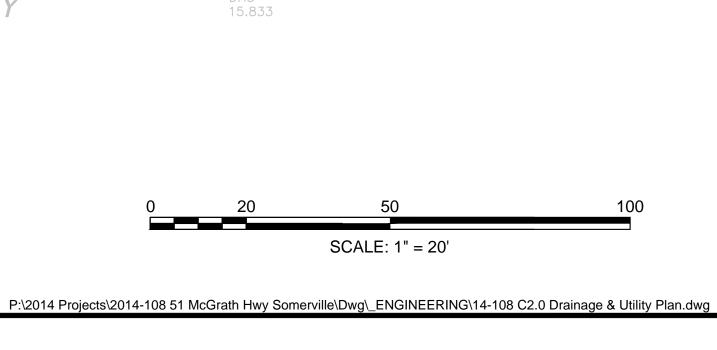
SHT NO:

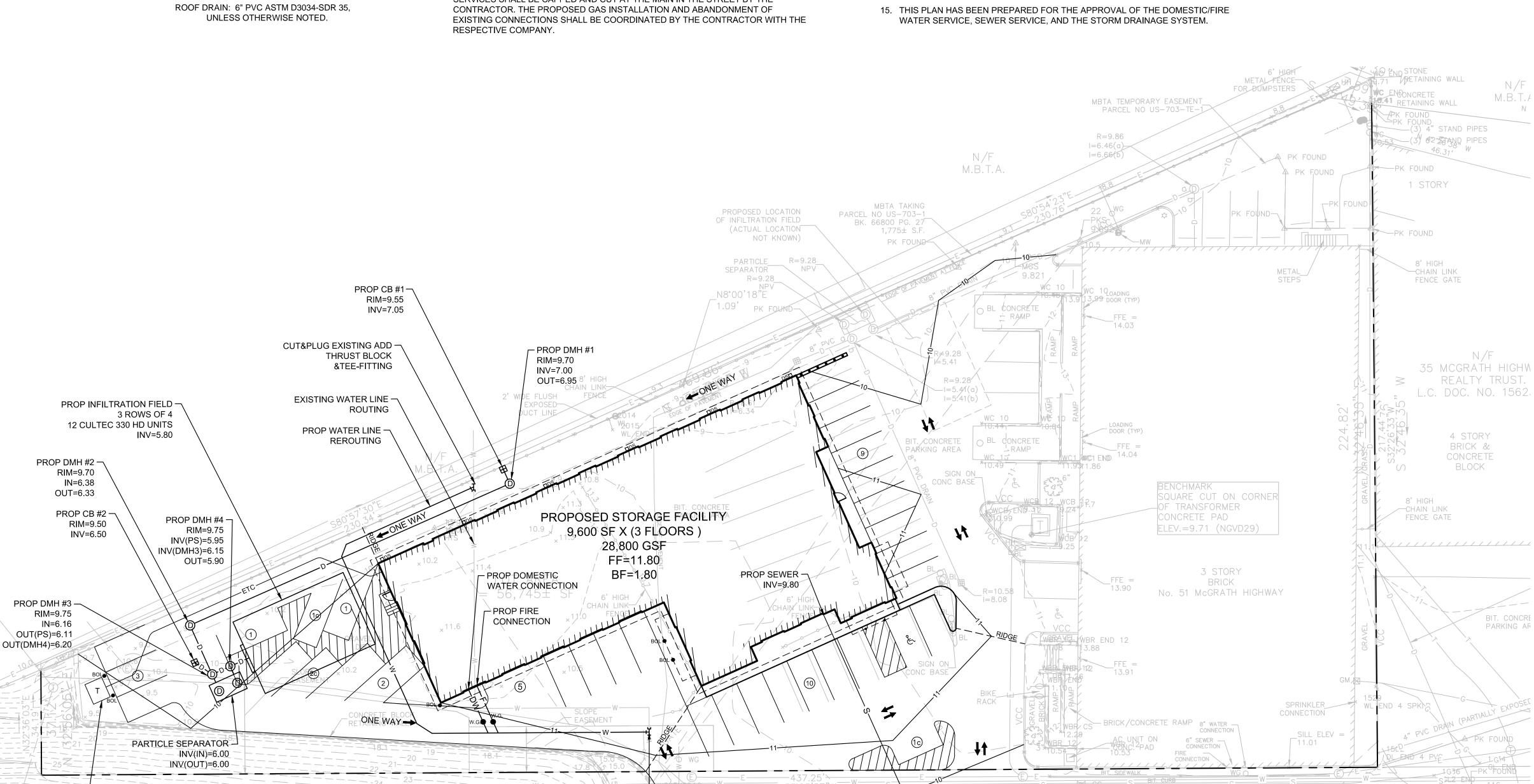
DR BY: WK

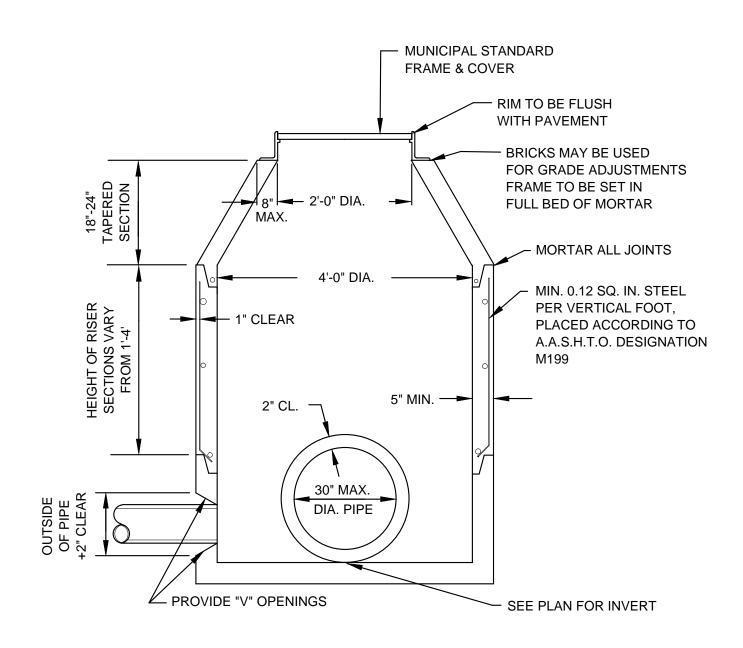
CHK BY: RLB

PROJ NO: 2014-108

DATE: JUNE 19, 2017 SCALE: 1"=20'

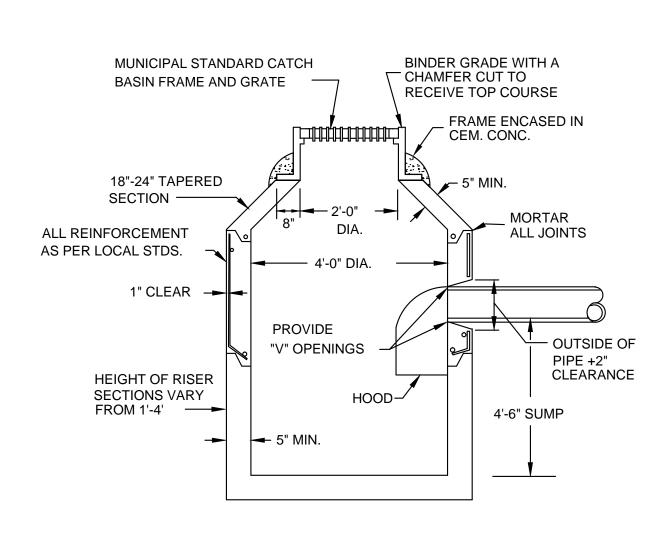






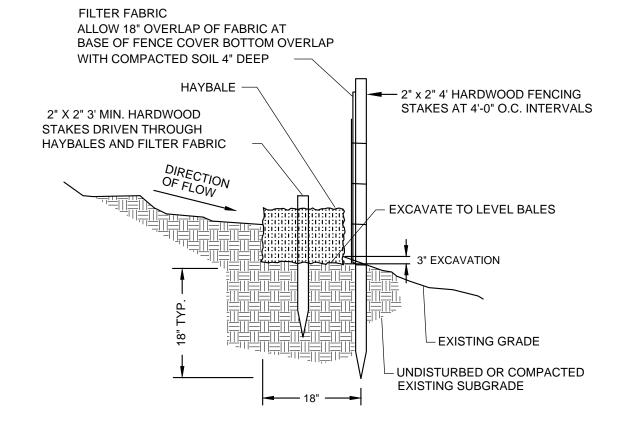
PRECAST CONCRETE DRAIN MANHOLE

NOT TO SCALE



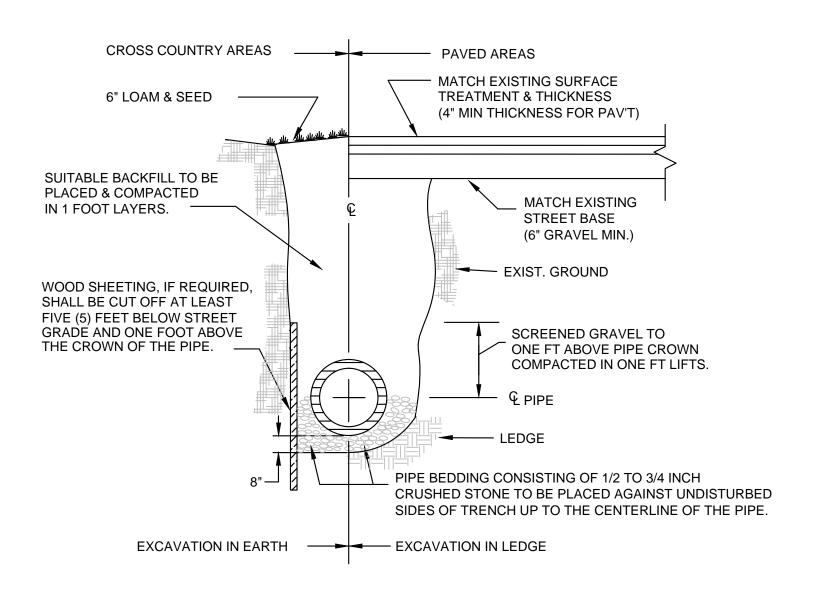
PRECAST CONCRETE CATCH BASIN

NOT TO SCALE



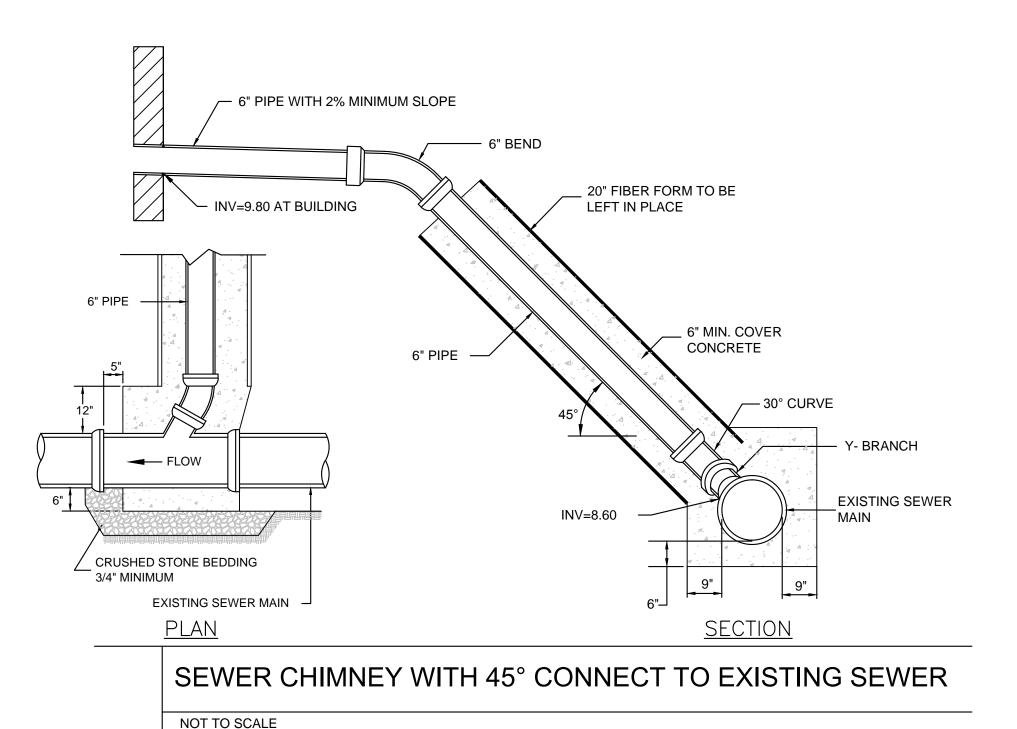
HAYBALE DIKE WITH SILT FENCE

NOT TO SCALE



TRENCH EXCAVATION

NOT TO SCALE

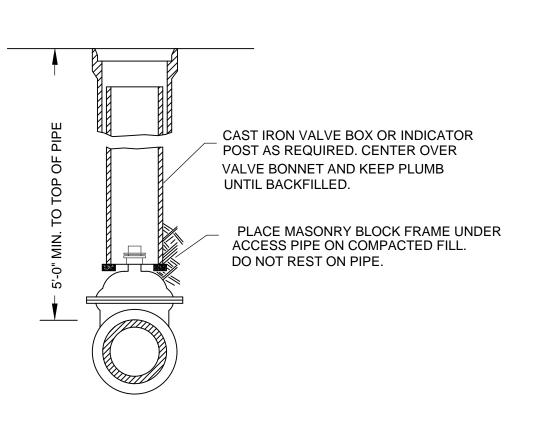


- PROVIDE PVC CLEANOUT ASSEMBLY AND COVER → PVC VERTICAL PIPE, LENGTH TO SUIT PVC 1/4 BEND (LONG SWEEP) APPLICATION — SHOWN OR ALTERNATE COMBINATION PVC WYE AND 1/2 BEND WITH CAP ON HORIZONTAL END NOT USED. FOUNDATION DRAIN -SEE PLANS FOR PROVIDE COMBINATION DIAMETER TO MATCH DIAMETER TO MATCH FOUNDATION DRAIN PVC WYE AND 1/8 BEND FOUNDATION DRAIN

NOTES:

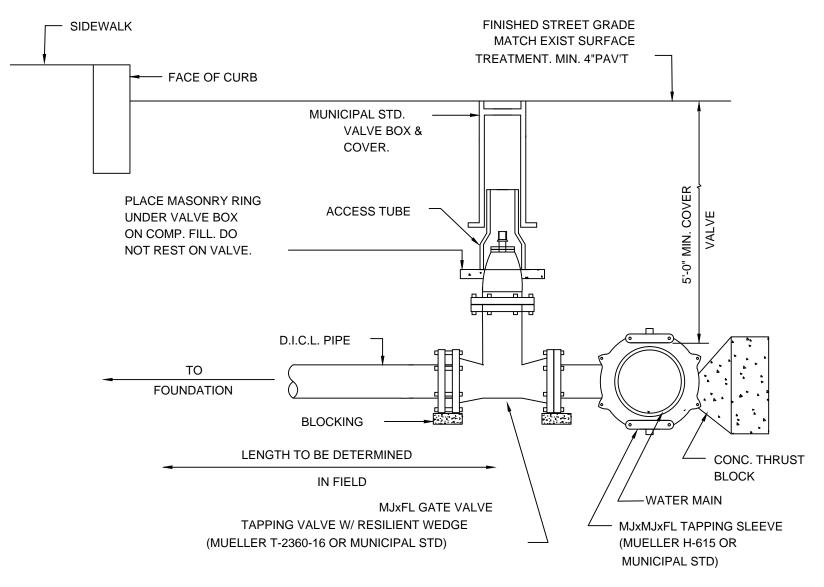
- 1. GENERAL CONTRACTOR SHALL PROVIDE THE NECESSARY BRACING FOR THE CORRECT PLACEMENT AND TO PREVENT DAMAGE OF THE FOUNDATION DRAIN AND CLEANOUT SYSTEM.
- 2. PIPING AND CLEANOUT MATERIALS SHALL MATCH MATERIALS OF FOUNDATION DRAIN UNLESS NOTED.

CLEANOUT NOT TO SCALE



GATE VALVE INSTALLATION IN TRENCH

NOT TO SCALE

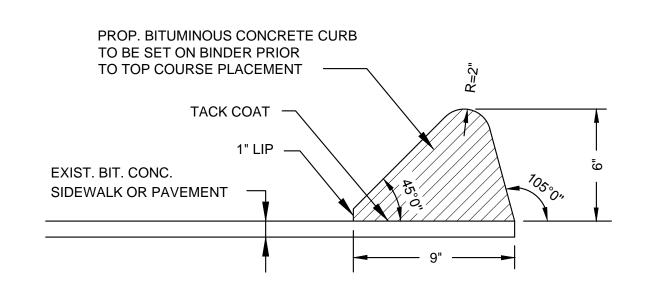


NOTE: 1. ALL WATER DISTRIBUTION VALVES, FITTINGS, AND PIPING SHALL COMPLY WITH ALL MUNICIPAL STANDARDS.

2. DETAIL UTILIZED FOR 4, 6, OR 8 INCH SERVICE PIPE.

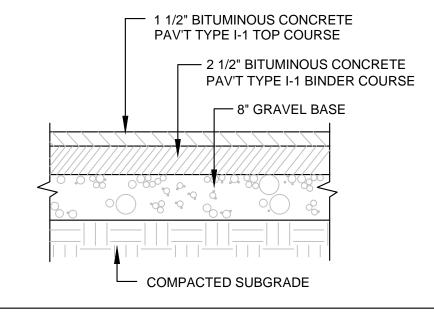
WATER CONNECTION WITH WET TAP

NOT TO SCALE



BITUMINOUS CONCRETE CURB TYPE 2

NOT TO SCALE



BITUMINOUS CONCRETE PAVEMENT

NOT TO SCALE

Design Consultants, In CIVIL ENGINEERS and LAND SURVEYO Somerville, MA 02145 617-776-3350p 617-776-7710f

DEVELOPER: LIFE STORAGE 6467 MAIN STREET WILLIAMSVILLE, NY 14221 716-650-6012 ARCHITECT:

STINARD ARCHITECTURE, INC. 217 SOUTH ERWIN STREET 6467 MAIN STREET CARTERVILLE, GA 30120 770.425.7400

PROJECT TEAM

LIFE STORAGE 3-STORY STORAGE FACILITY 51 MCGRATH HIGHWAY SOMERVILLE, MA 02143

PROJECT INFO

REV DESCRIPTION DATE

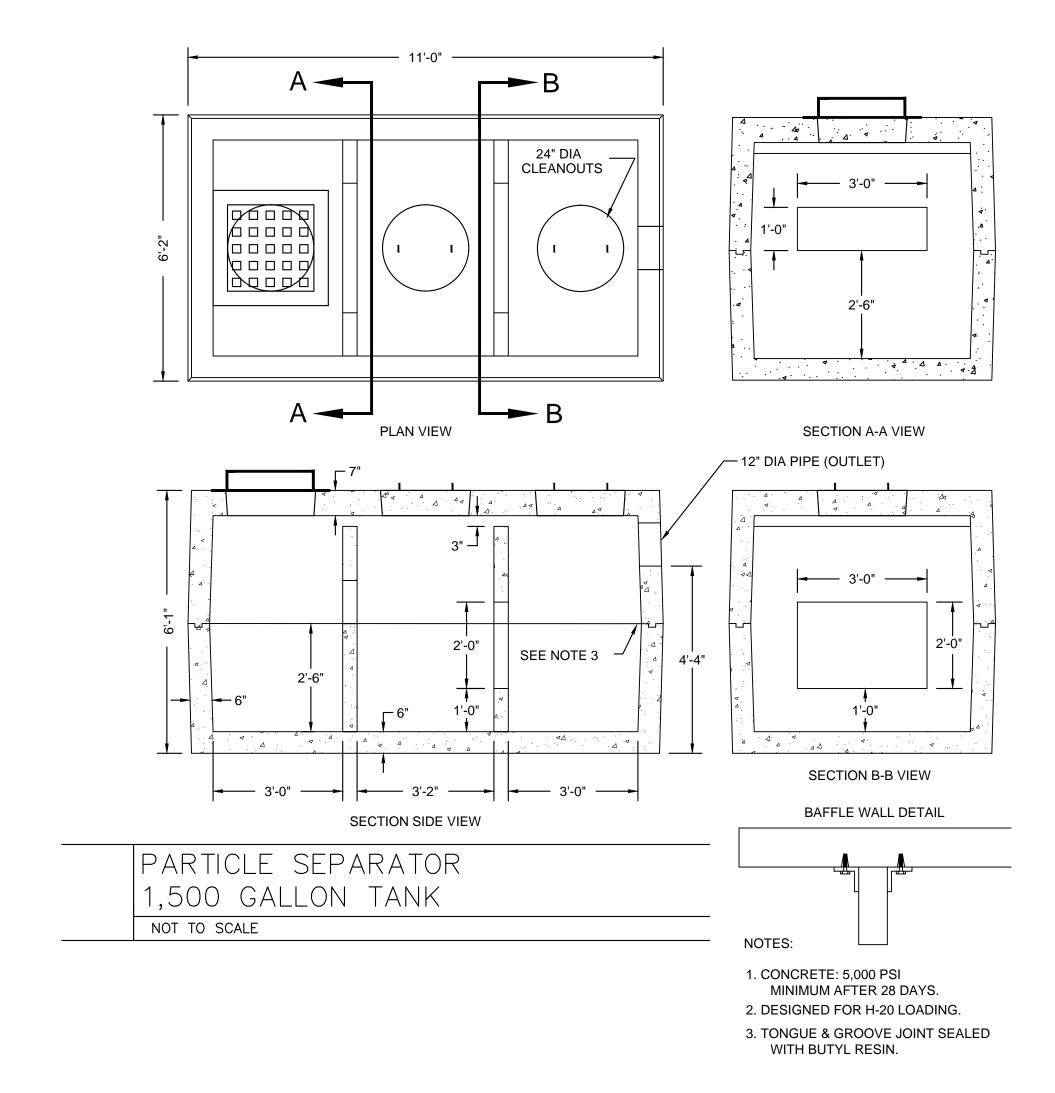
CONSTRUCTION **DETAILS** 1 OF 2

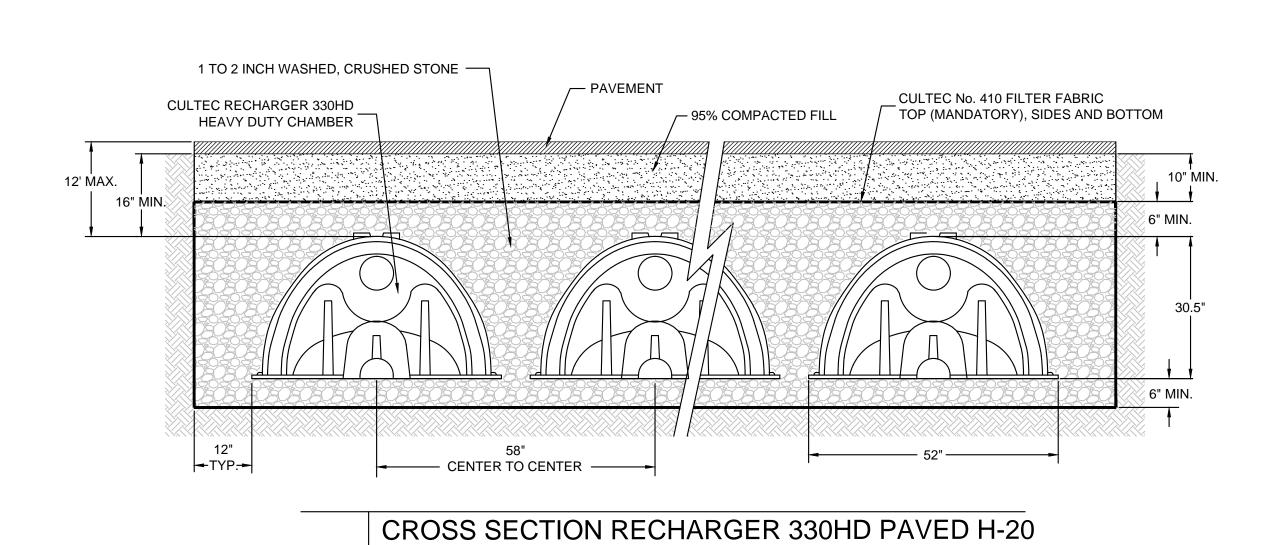
SHEET NAME:

DR BY: WK CHK BY: RLB PROJ NO: 2014-108 DATE: JUNE 19, 2017

SCALE: N.T.S.

P:\2014 Projects\2014-108 51 McGrath Hwy Somerville\Dwg_ENGINEERING\14-108 C3.0 Construction Details.dwg





CULTEC CHAMBER SYSTEM

NOT TO SCALE

Design Consultants, Inc.
CIVIL ENGINEERS and LAND SURVEYORS
120 Middlesex Avenue, Suite 20
Somerville, MA 02145
617-776-3350p 617-776-7710f

DEVELOPER: LIFE STORAGE 6467 MAIN STREET WILLIAMSVILLE, NY 14221 716-650-6012

ARCHITECT:
STINARD ARCHITECTURE, INC.
217 SOUTH ERWIN STREET
6467 MAIN STREET
CARTERVILLE, GA 30120
770.425.7400

PROJECT TEAM

LIFE STORAGE

3-STORY STORAGE FACILITY
51 MCGRATH HIGHWAY
SOMERVILLE, MA 02143

PROJECT INFO

DATE

STAMP.

REV DESCRIPTION

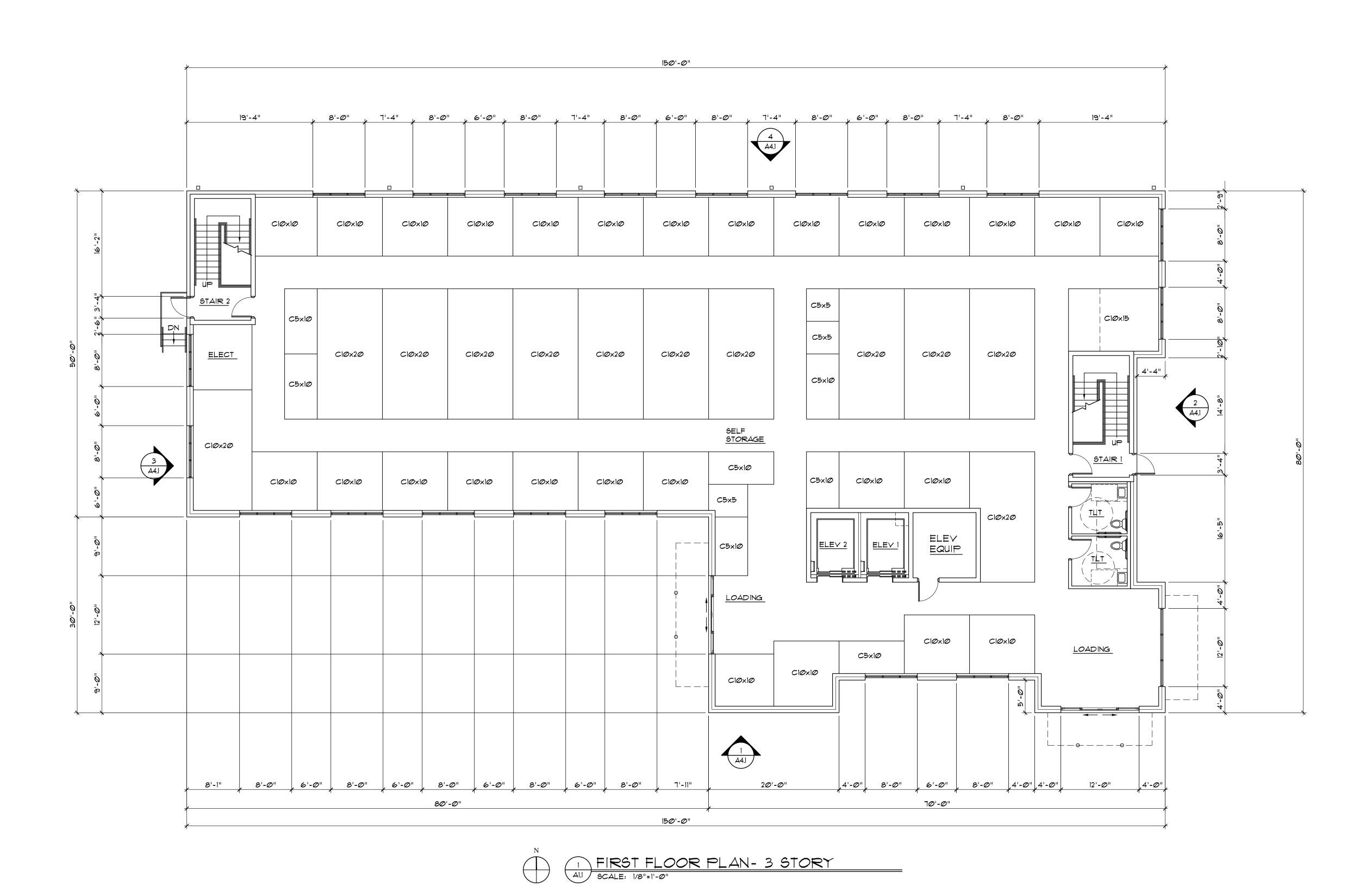
CONSTRUCTION
DETAILS
2 OF 2

SHEET NA

C3.

DR BY: WK
CHK BY: RLB
PROJ NO: 2014-108
DATE: JUNE 19, 2017

P:\2014 Projects\2014-108 51 McGrath Hwy Somerville\Dwg_ENGINEERING\14-108 C3.0 Construction Details.dwg SCALE: N.T.S.



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DATE AND ARE NOT SUITABLE FOR USE
ON A DIFFERENT SITE OR AT A LATER
TIME. ALL DIMENSIONS MUST BE
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DISCREPANCIES BEFORE PROCEEDING
WITH CONSTRUCTION. DO NOT SCALE

Uncle Bob's Self Storage Facility #433

Facility

McGrath

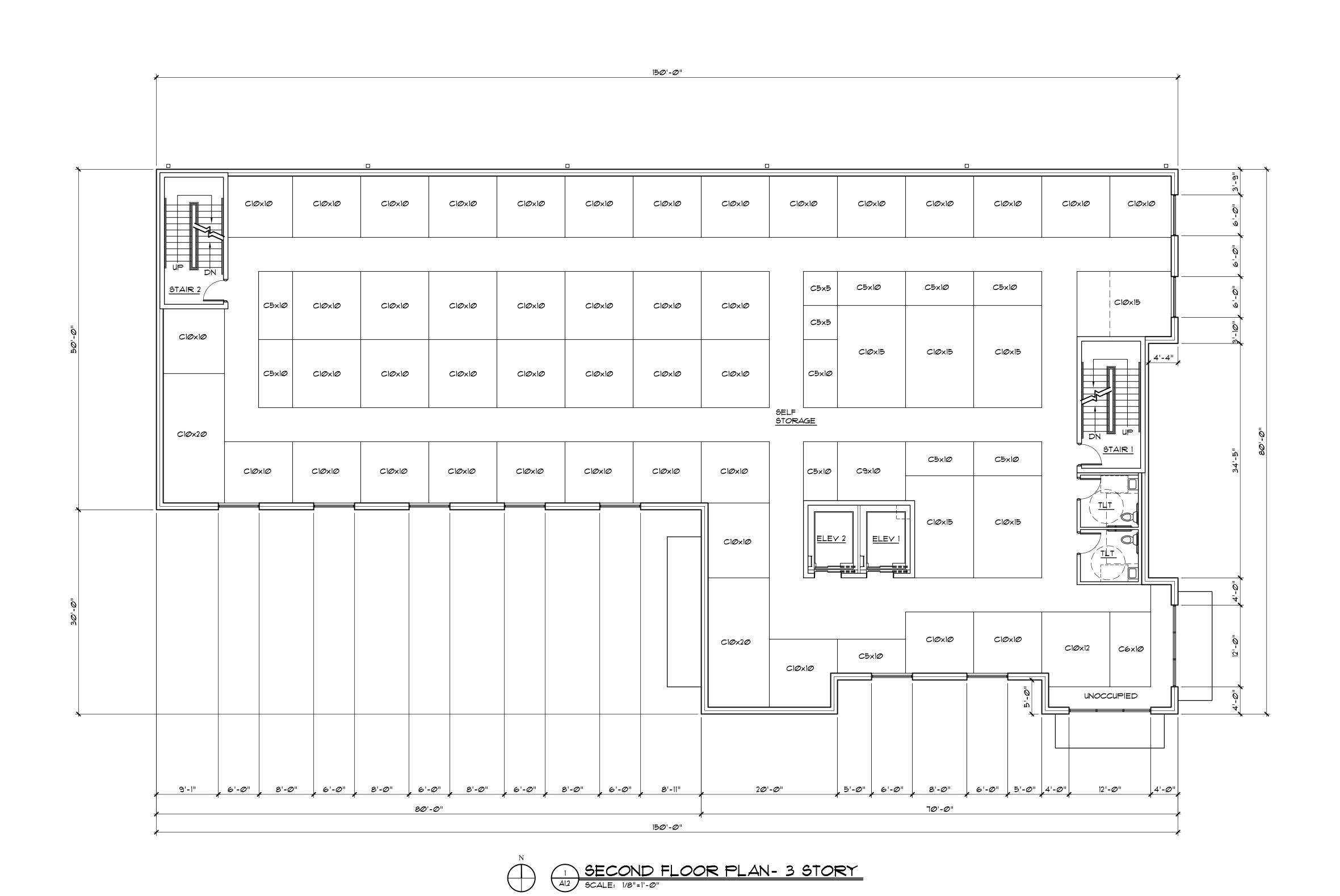


ISSUE: NOT FOR CONSTRUCTION
REVISIONS:

PROJECT	NUMBER 201613	
DATE	6-19-17	

SHEET NUMBER

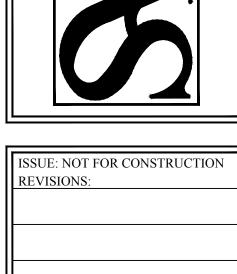
A1.1



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RAWINGS.

Uncle Bob's Self Storage Facility #433

STINARD
ARCHITECTURE
INC
CARTERSVILLE GA 30120
322 EAST MAIN STREET
770.425,7400 (F) 770.425,7400

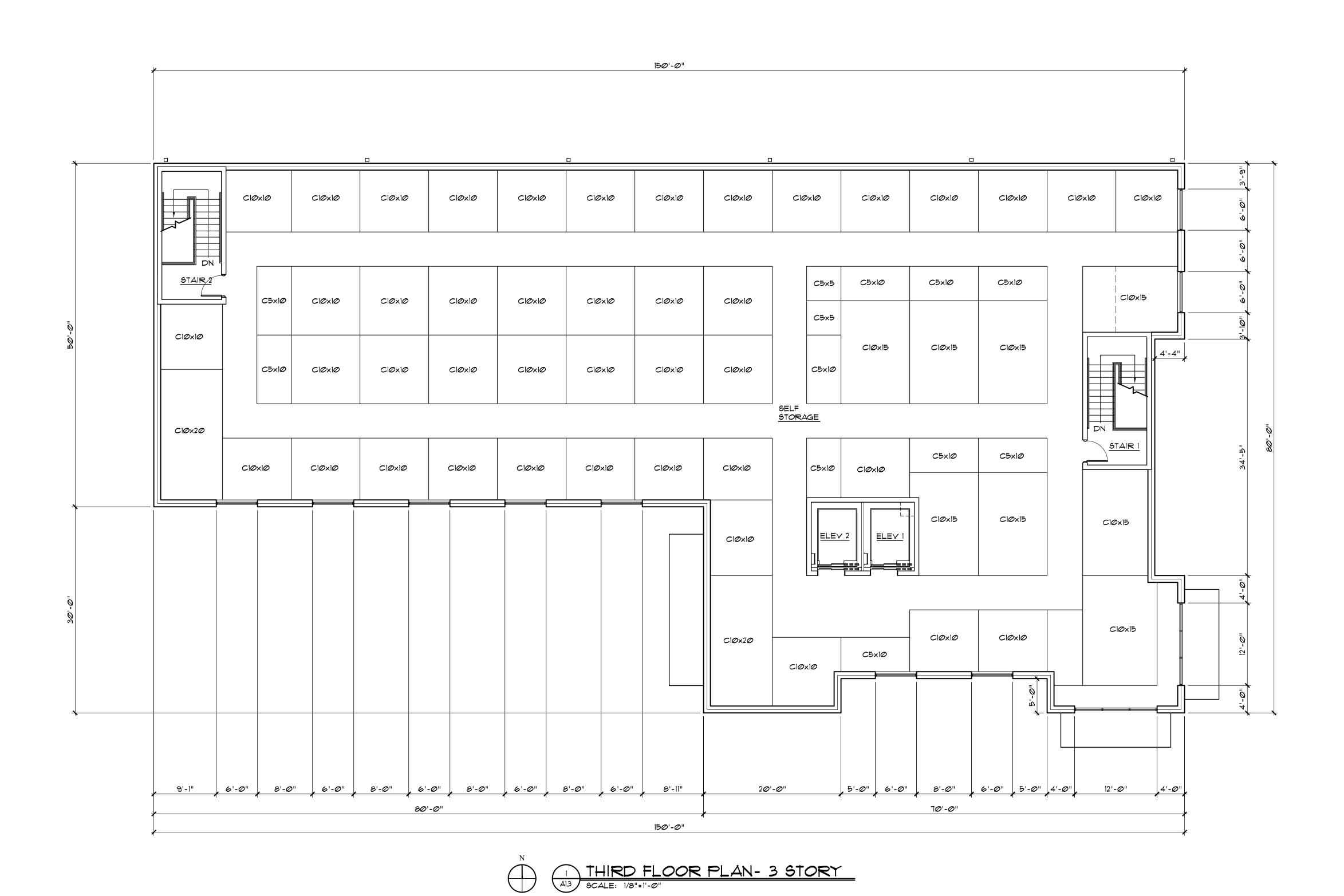


PROJECT NUMBER 201613

DATE 1-26-17

SHEET NUMBER

A1.2

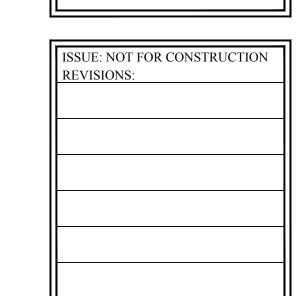


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Uncle Bob's Self Storage Facility #433

STINARD
ARCHITECTURE
INC
CARTERSVILLE GA 30120
322 EAST MAIN STREET
770.425.7400
STINARDARCH.COM

51

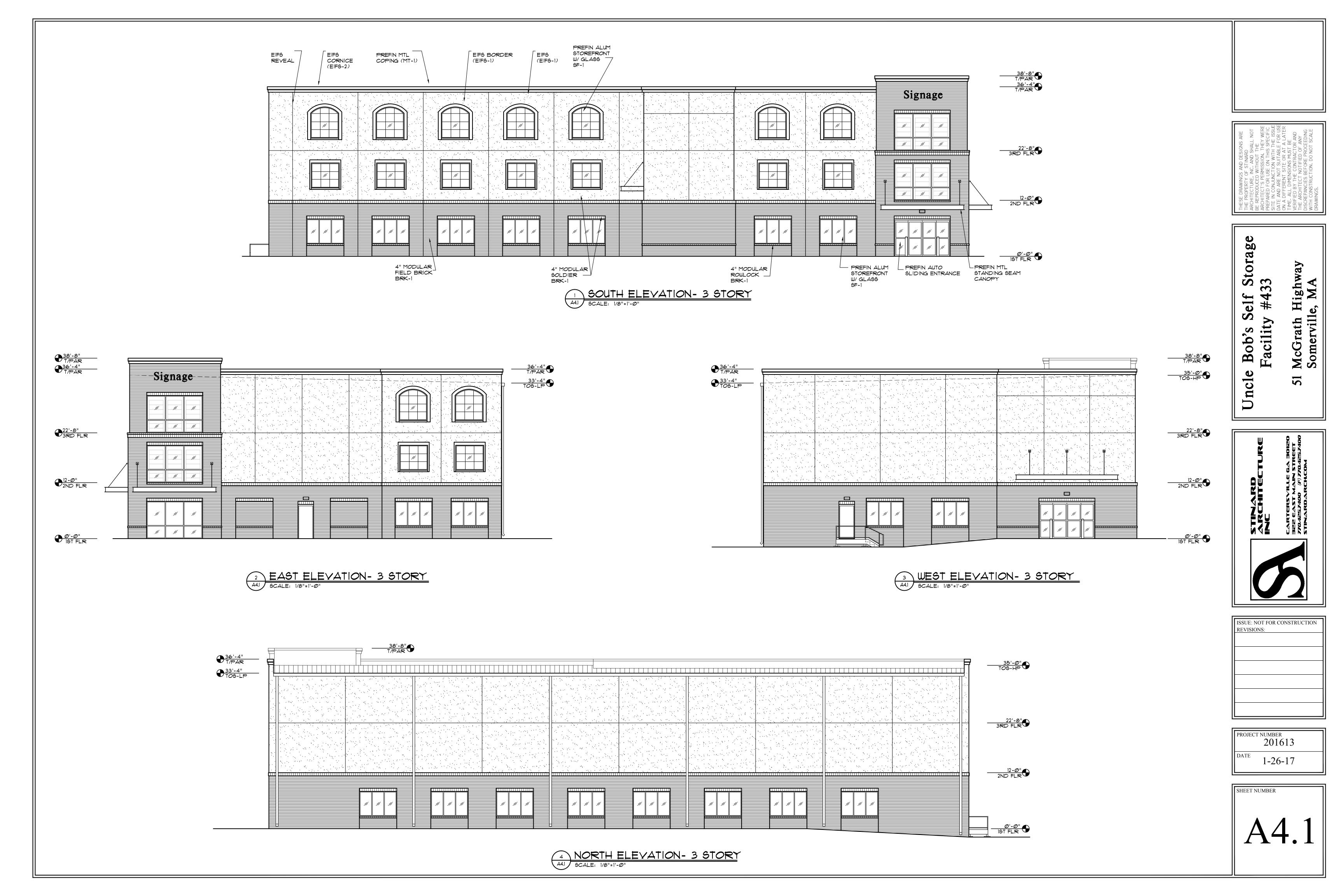


PROJECT NUMBER 201613

DATE 1-26-17

SHEET NUMBER

A1.3





self Storage #433

McGrath Highway Somerville, MA Bob's S Facility

ISSUE: NOT FOR CONSTRUCTION

PROJECT NUMBER 201613 1-26--17