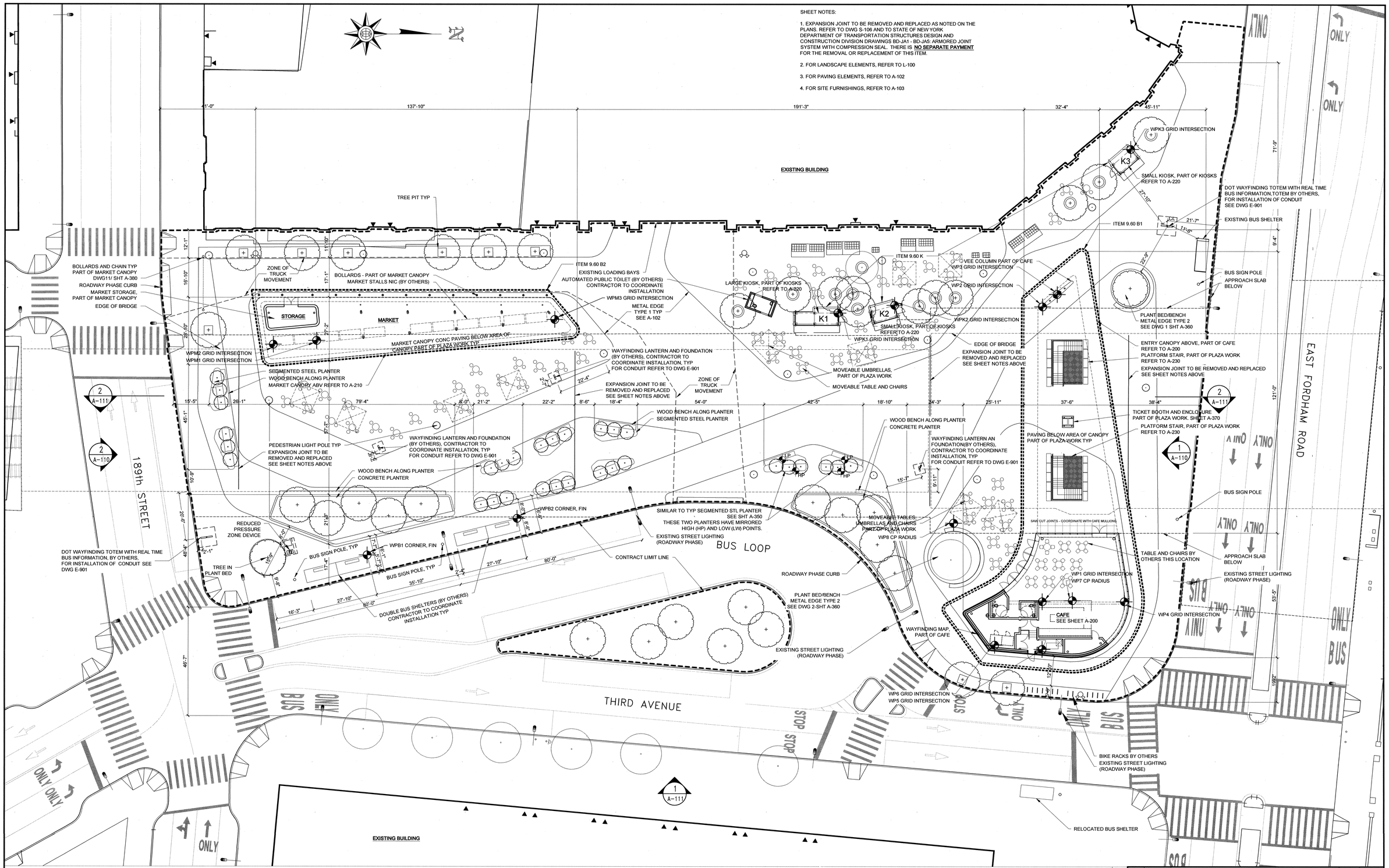
SHEET NOTES:

1. EXPANSION JOINT TO BE REMOVED AND REPLACED AS NOTED ON THE PLANS. REFER TO DWG S-106 AND TO STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION STRUCTURES DESIGN AND CONSTRUCTION DIVISION DRAWINGS BD-JA1 - BD-JA5: ARMORED JOINT SYSTEM WITH COMPRESSION SEAL. THERE IS **NO SEPARATE PAYMENT** FOR THE REMOVAL OR REPLACEMENT OF THIS ITEM.

2. FOR LANDSCAPE ELEMENTS, REFER TO L-100

3. FOR PAVING ELEMENTS, REFER TO A-102

4. FOR SITE FURNISHINGS, REFER TO A-103



NO.	DATE	DESCRIPTIONS	BY	APPR'D
		REVISIONS		

TOPOGRAPHIC SURVEY PREPARED BY:
LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES
LICENSED LAND SURVEYOR

FINAL DESIGN PREPARED BY:
GRIMSHAW ARCHITECTS, PC

REGISTERED ARCHITECT MARK DAVID HOSKINS 032404 STATE OF NEW YORK

DRAWN ME/MS
CHECKED NDH
CADD FILE

SCALE
1/16" = 1'

CITY OF NEW YORK
DEPARTMENT OF DESIGN + CONSTRUCTION
DIVISION OF INFRASTRUCTURE
BUREAU OF DESIGN

SITE PLAN
GROUND FLOOR

FORDHAM PLAZA
BOROUGH OF THE BRONX

PROJECT ID: HWXFPLZA	DATE: 02/14/2014	SHEET: 009 OF 140	NO.: A-100

CONSULTANT DESIGN

PAVING LEGEND

- LIGHT GREY CONCRETE PAVEMENT; ITEMS 4.13 AAS, 4.13 BAT, 4.13 BR (IN TRUCK MOVEMENT ZONE)
- EXPOSED AGGREGATE CONCRETE; ITEMS 4.13 EASCABS AND 4.13 EBSCABS
- DARK PIGMENTED CONCRETE PAVEMENT; ITEMS 4.13 ABS, 4.13 BBS, 4.13 BBT (IN TRUCK MOVEMENT ZONE)
- GRANITE UNIT PAVERS WITH SAW CUT SURFACE, GROUTED; ITEM 6.06 AB

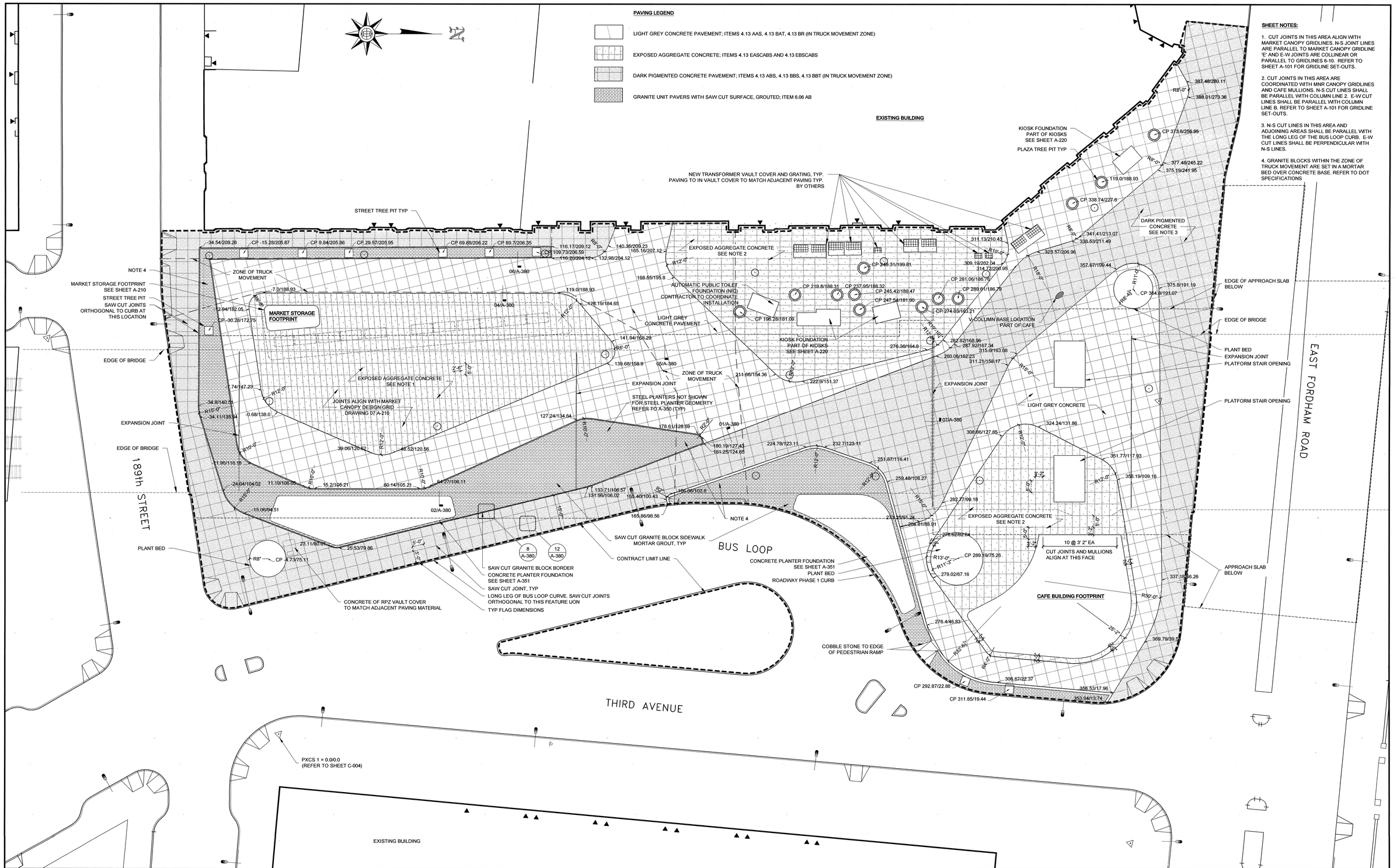
SHEET NOTES:

1. CUT JOINTS IN THIS AREA ALIGN WITH MARKET CANOPY GRIDLINES. N-S JOINT LINES ARE PARALLEL TO MARKET CANOPY GRIDLINE 'E' AND E-W JOINTS ARE COLLINEAR OR PARALLEL TO GRIDLINES 6-10. REFER TO SHEET A-101 FOR GRIDLINE SET-OUTS.

2. CUT JOINTS IN THIS AREA ARE COORDINATED WITH MNR CANOPY GRIDLINES AND CAFE MULLIONS. N-S CUT LINES SHALL BE PARALLEL WITH COLUMN LINE 2. E-W CUT LINES SHALL BE PARALLEL WITH COLUMN LINE B. REFER TO SHEET A-101 FOR GRIDLINE SET-OUTS.

3. N-S CUT LINES IN THIS AREA AND ADJOINING AREAS SHALL BE PARALLEL WITH THE LONG LEG OF THE BUS LOOP CURB. E-W CUT LINES SHALL BE PERPENDICULAR WITH N-S LINES.

4. GRANITE BLOCKS WITHIN THE ZONE OF TRUCK MOVEMENT ARE SET IN A MORTAR BED OVER CONCRETE BASE. REFER TO DOT SPECIFICATIONS



COORDINATES
GIVEN FROM PXCS 1 IN
X (NORTH, - SOUTH), Y (WEST)
DIRECTION IN 1.00'

NO.	DATE	DESCRIPTIONS	BY	APPR'D
		REVISIONS		

TOPOGRAPHIC SURVEY PREPARED BY:
LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES
LICENSED LAND SURVEYOR

FINAL DESIGN PREPARED BY:
GRIMSHAW ARCHITECTS, PC

REGISTERED ARCHITECT MARK DAVID MESSINGER 032404 STATE OF NEW YORK

DRAWN MS
CHECKED NDH
CADD FILE

SCALE
1/16" = 1'

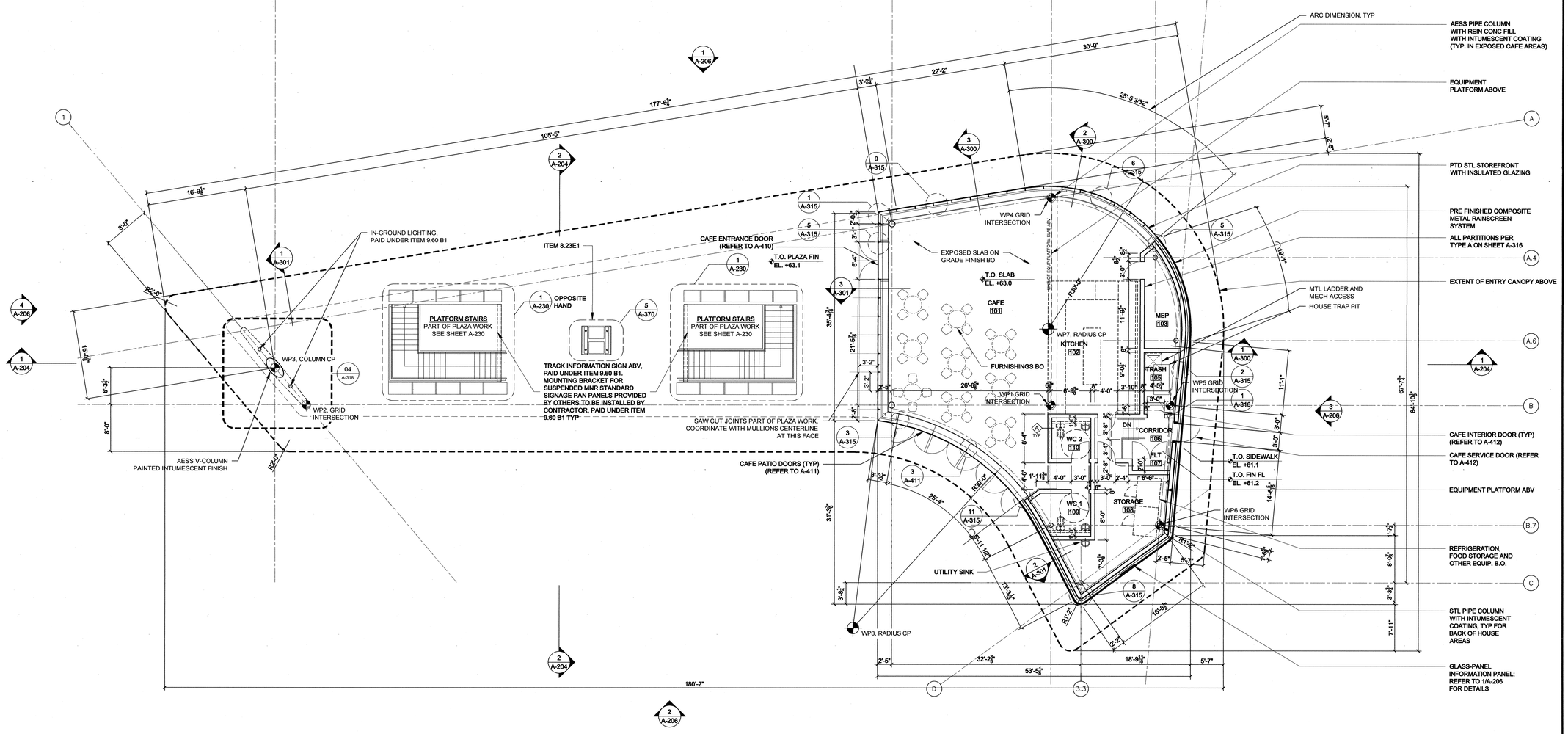
CITY OF NEW YORK
DEPARTMENT OF DESIGN + CONSTRUCTION
DIVISION OF INFRASTRUCTURE
BUREAU OF DESIGN

SITE MATERIALS PLAN

FORDHAM PLAZA
BOROUGH OF THE BRONX

PROJECT ID: HWXFPLZA	DATE: 02/14/2014	SHEET: 011 OF 140	NO.: A-102

CONSULTANT DESIGN



1 GROUND FLOOR PLAN

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

N

ROOM AREA SCHEDULE

ROOM NUMBER	ROOM NAME	FLOOR	GROSS AREA (sq ft)	NET AREA (sq ft)
101	CAFE	1		1435
102	KITCHEN	1		361
103	MEP	1		89
105	TRASH	1		61
106	CORRIDOR	1		100
107	ELT	1		8
108	STORAGE	1		239
109	WC1	1		55
110	WC2	1		40
TOTAL			2719	2388

GENERAL NOTE
ALL WORK SHOWN IS DESCRIBED SECTION 9.60 AND PAID UNDER ITEM 9.60 B1 UNLESS OTHERWISE NOTED

NO.	DATE	DESCRIPTIONS	BY	APPR'D
		REVISIONS		

TOPOGRAPHIC SURVEY PREPARED BY:
LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES
LICENSED LAND SURVEYOR

FINAL DESIGN PREPARED BY:
GRIMSHAW ARCHITECTS, PC

REGISTERED ARCHITECT MARK DAVID MUSSER 032404 STATE OF NEW YORK

DRAWN ME/MS
CHECKED NDH
CADD FILE

SCALE 1/8" = 1'

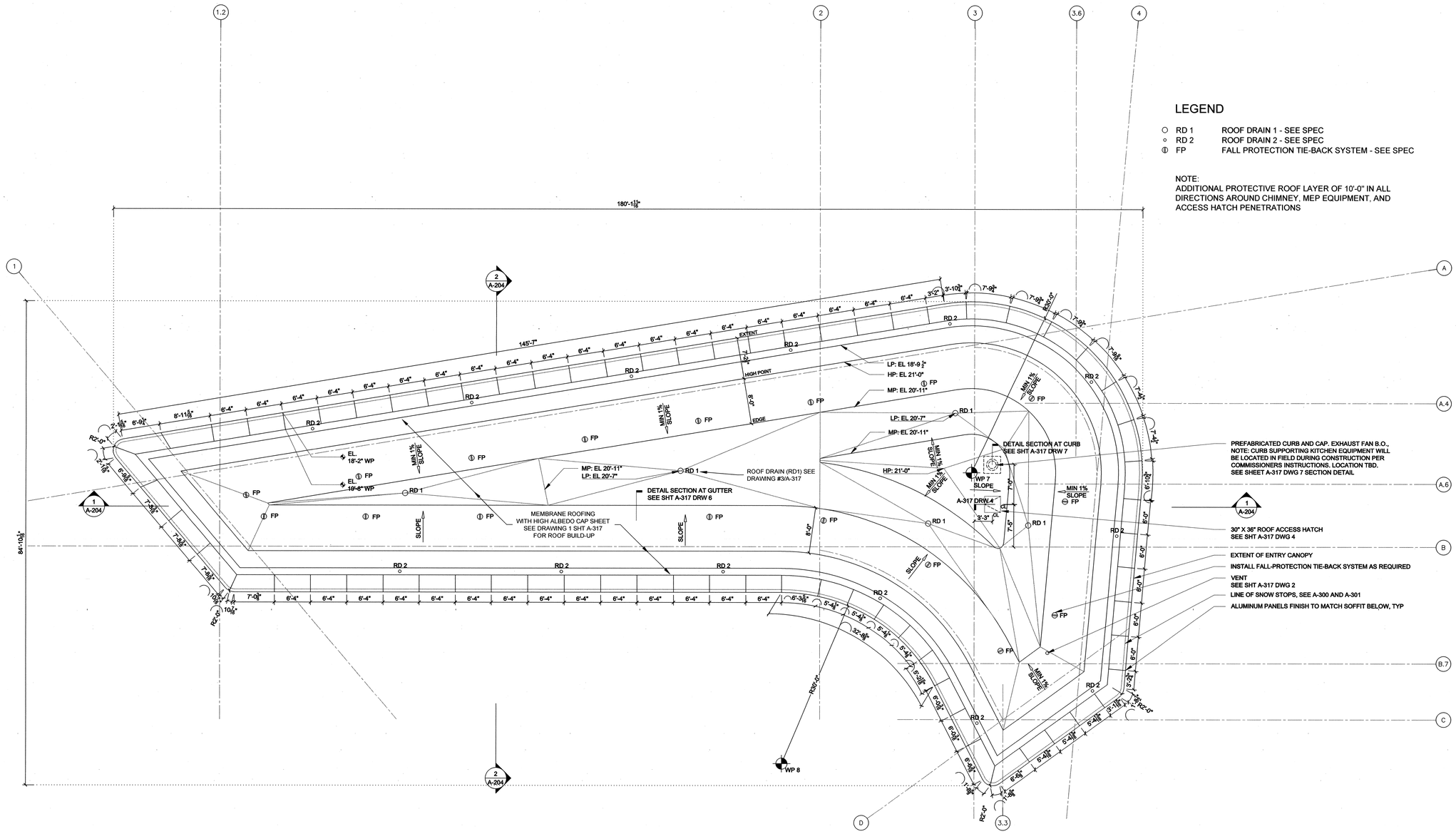
CITY OF NEW YORK
DEPARTMENT OF DESIGN + CONSTRUCTION
DIVISION OF INFRASTRUCTURE
BUREAU OF DESIGN

ARCHITECTURAL FLOOR PLAN
CAFE BUILDING
& ENTRY CANOPY

FORDHAM PLAZA
BOROUGH OF THE BRONX

PROJECT ID: HWXFPLZA | DATE: 02/14/2014 | SHEET: 015 OF 140 | NO.: A-200

CONSULTANT DESIGN



LEGEND

RD 1	ROOF DRAIN 1 - SEE SPEC
RD 2	ROOF DRAIN 2 - SEE SPEC
FP	FALL PROTECTION TIE-BACK SYSTEM - SEE SPEC

NOTE:
ADDITIONAL PROTECTIVE ROOF LAYER OF 10'-0" IN ALL DIRECTIONS AROUND CHIMNEY, MEP EQUIPMENT, AND ACCESS HATCH PENETRATIONS

N

1 ROOF PLAN
SCALE: 1/8" = 1'-0"

GENERAL NOTE
ALL WORK SHOWN IS DESCRIBED SECTION 9.60 AND PAID UNDER ITEM 9.60 B1 UNLESS OTHERWISE NOTED

NO.	DATE	DESCRIPTIONS	BY	APPR'D
		REVISIONS		

TOPOGRAPHIC SURVEY PREPARED BY:
LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES
LICENSED LAND SURVEYOR

FINAL DESIGN PREPARED BY:
GRIMSHAW ARCHITECTS, PC

REGISTERED ARCHITECT MARK DAVID HUNDERT 032404 STATE OF NEW YORK

DRAWN ME/MS
CHECKED NDH
CADD FILE

SCALE
1/8" = 1'

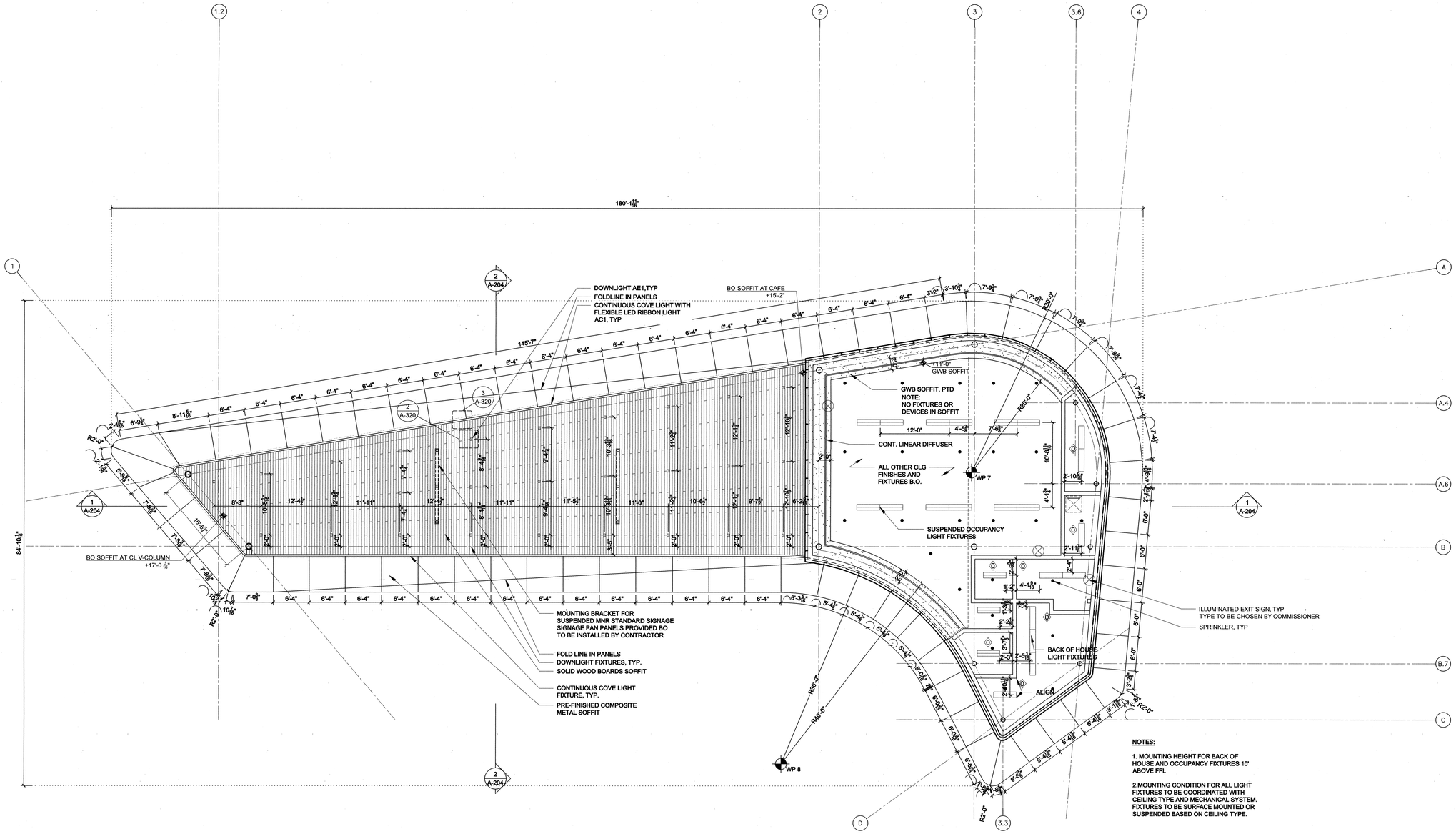
CITY OF NEW YORK
DEPARTMENT OF DESIGN + CONSTRUCTION
DIVISION OF INFRASTRUCTURE
BUREAU OF DESIGN

ARCHITECTURAL ROOF PLAN
CAFE BUILDING
& ENTRY CANOPY

FORDHAM PLAZA
BOROUGH OF THE BRONX

PROJECT ID: HWXFPLZA | DATE: 02/14/2014 | SHEET: 016 OF 140 | NO.: A-201

CONSULTANT DESIGN



NOTES:

1. MOUNTING HEIGHT FOR BACK OF HOUSE AND OCCUPANCY FIXTURES 10' ABOVE FFL

2.MOUNTING CONDITION FOR ALL LIGHT FIXTURES TO BE COORDINATED WITH CEILING TYPE AND MECHANICAL SYSTEM. FIXTURES TO BE SURFACE MOUNTED OR SUSPENDED BASED ON CEILING TYPE.

1 MNR CANOPY REFLECTED CEILING PLAN

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

GENERAL NOTE
ALL WORK SHOWN IS DESCRIBED SECTION 9.60 AND PAID UNDER ITEM 9.60 B1 UNLESS OTHERWISE NOTED

NO.	DATE	DESCRIPTIONS	BY	APPR'D

REVISIONS

TOPOGRAPHIC SURVEY PREPARED BY:	FINAL DESIGN PREPARED BY:	DRAWN ME/MS	SCALE	CITY OF NEW YORK
LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES		CHECKED NDH	1/8" = 1'	DEPARTMENT OF DESIGN + CONSTRUCTION
LICENSED LAND SURVEYOR	GRIMSHAW ARCHITECTS, PC	CADD FILE		DIVISION OF INFRASTRUCTURE
				BUREAU OF DESIGN

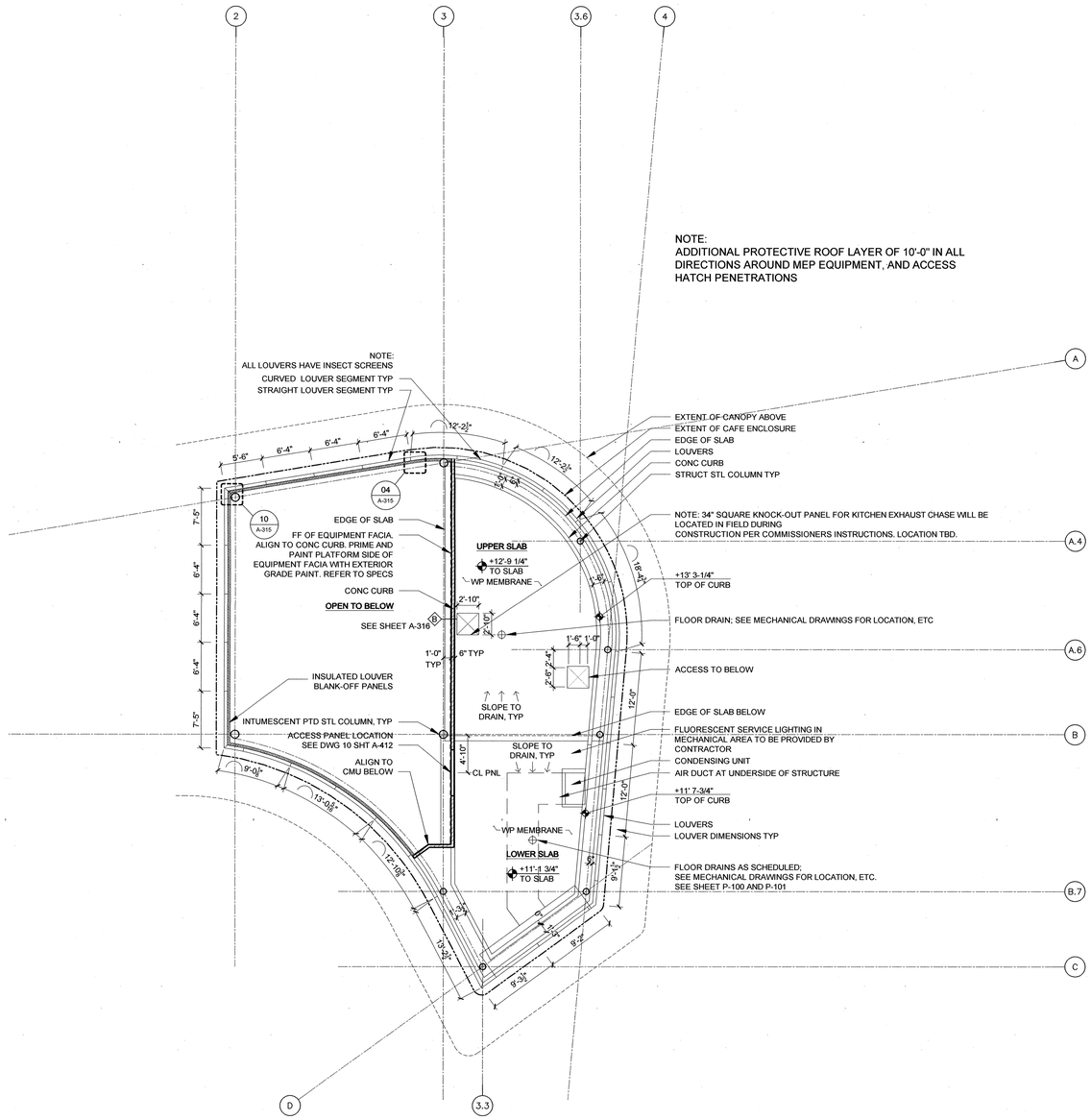
REGISTERED ARCHITECT MARK DAVID HUSSEY 032404 STATE OF NEW YORK

ARCHITECTURAL REFLECTED CEILING PLAN
CAFE BUILDING
& ENTRY CANOPY

FORDHAM PLAZA
BOROUGH OF THE BRONX

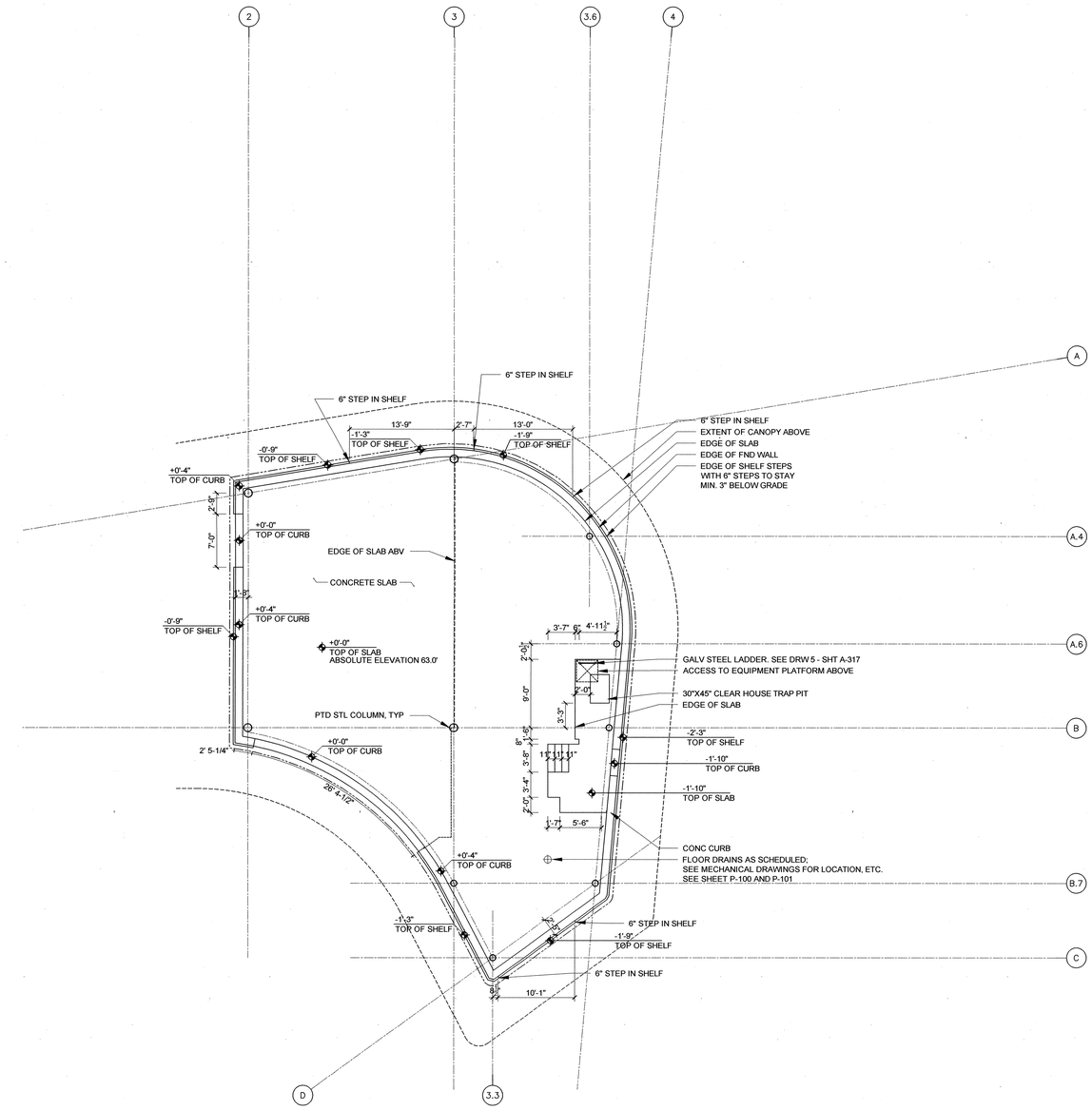
PROJECT ID: HWXFPLZA	DATE: 02/14/2014	SHEET: 017 OF 140	NO.: A-202

CONSULTANT DESIGN



2 PLAN - EQUIPMENT PLATFORM

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



1 PLAN - SLAB EDGE

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

GENERAL NOTE
ALL WORK SHOWN IS DESCRIBED SECTION 9.60 AND PAID UNDER ITEM 9.60 B1 UNLESS OTHERWISE NOTED

NO.	DATE	DESCRIPTIONS	BY	APPR'D

REVISIONS

TOPOGRAPHIC SURVEY PREPARED BY:
LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES
LICENSED LAND SURVEYOR

FINAL DESIGN PREPARED BY:
GRIMSHAW ARCHITECTS, PC

REGISTERED ARCHITECT MARK DAVID HUSSEY 032404 STATE OF NEW YORK

DRAWN JRS
CHECKED NDH
CADD FILE

SCALE 1/8" = 1'

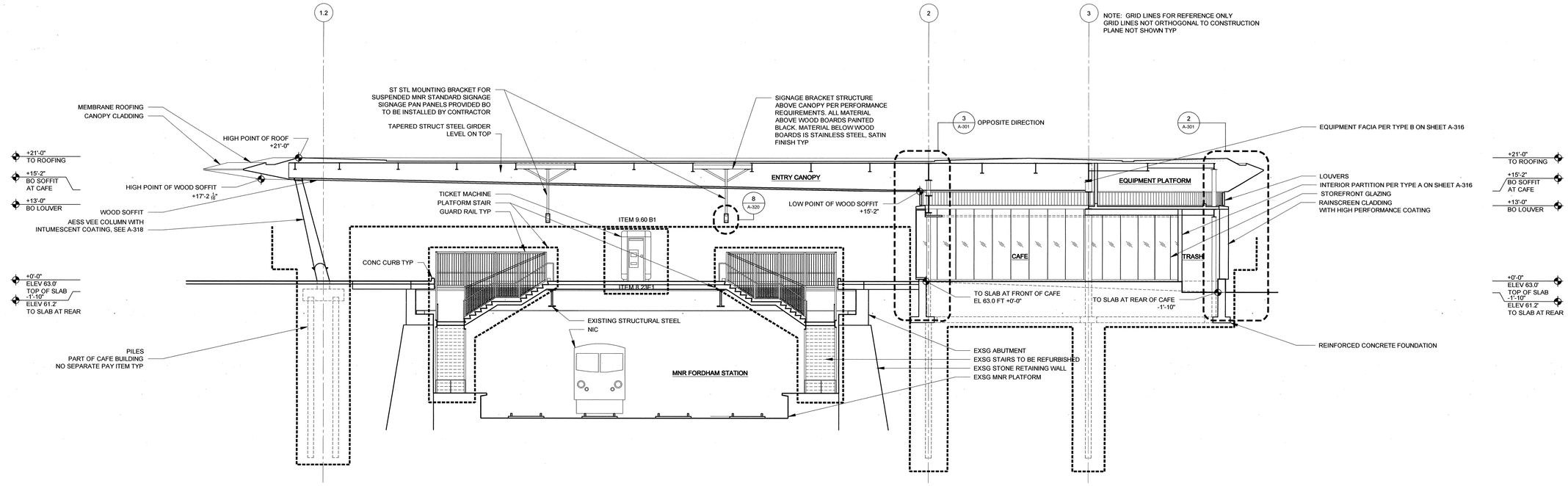
CITY OF NEW YORK
DEPARTMENT OF DESIGN + CONSTRUCTION
DIVISION OF INFRASTRUCTURE
BUREAU OF DESIGN

SLAB LAYOUT PLANS
CAFE BUILDING

FORDHAM PLAZA
BOROUGH OF THE BRONX

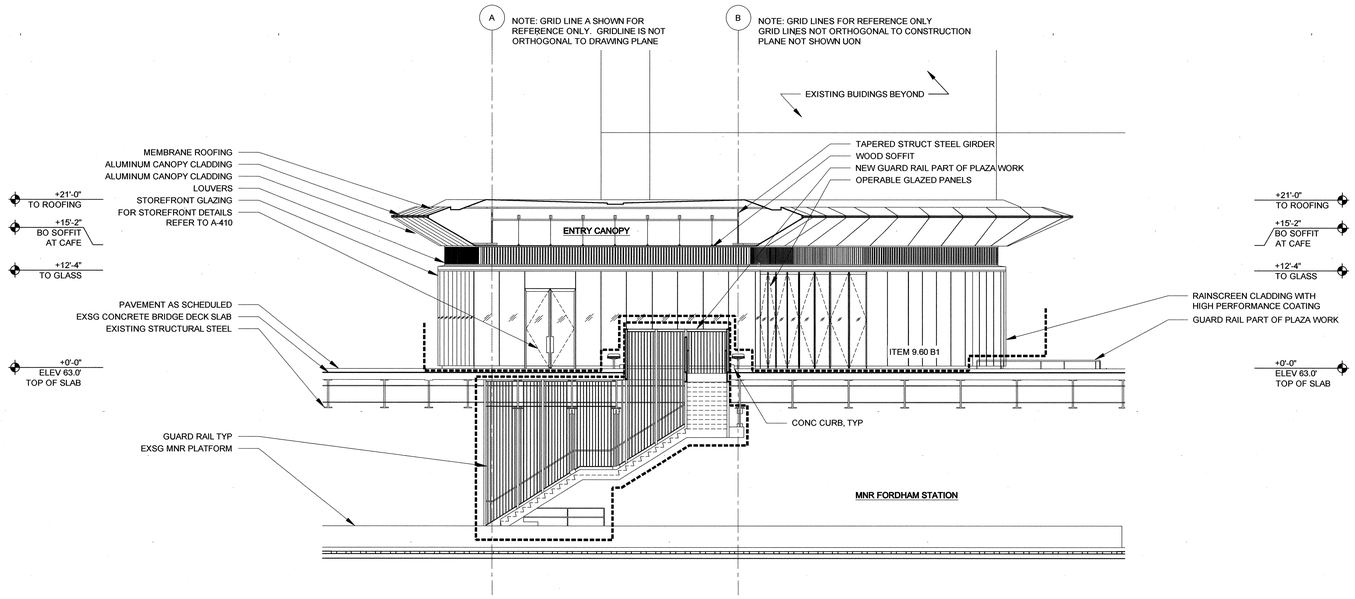
PROJECT ID: HWXFPLZA | DATE: 02/14/2014 | SHEET: 018 OF 140 | NO.: A-203

CONSULTANT DESIGN



1 SECTION D-D

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



2 SECTION E-E

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

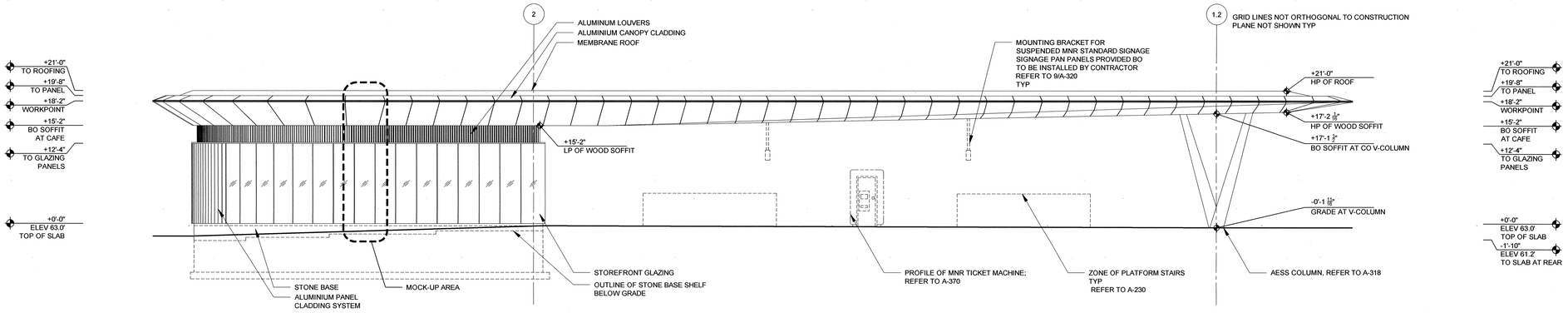
NO.	DATE	DESCRIPTIONS	BY	APPR'D
		REVISIONS		

TOPOGRAPHIC SURVEY PREPARED BY: *LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES* LICENSED LAND SURVEYOR	FINAL DESIGN PREPARED BY: GRIMSHAW ARCHITECTS, PC	REGISTERED ARCHITECT MARK DAVID HOSSER 032400 STATE OF NEW YORK	DRAWN ME/MS CHECKED NDH CADD FILE	SCALE 1/8" = 1'	CITY OF NEW YORK DEPARTMENT OF DESIGN + CONSTRUCTION DIVISION OF INFRASTRUCTURE BUREAU OF DESIGN	ARCHITECTURAL SECTIONS ENTRY CANOPY AND CAFE BUILDING

FORDHAM PLAZA
BOROUGH OF THE BRONX

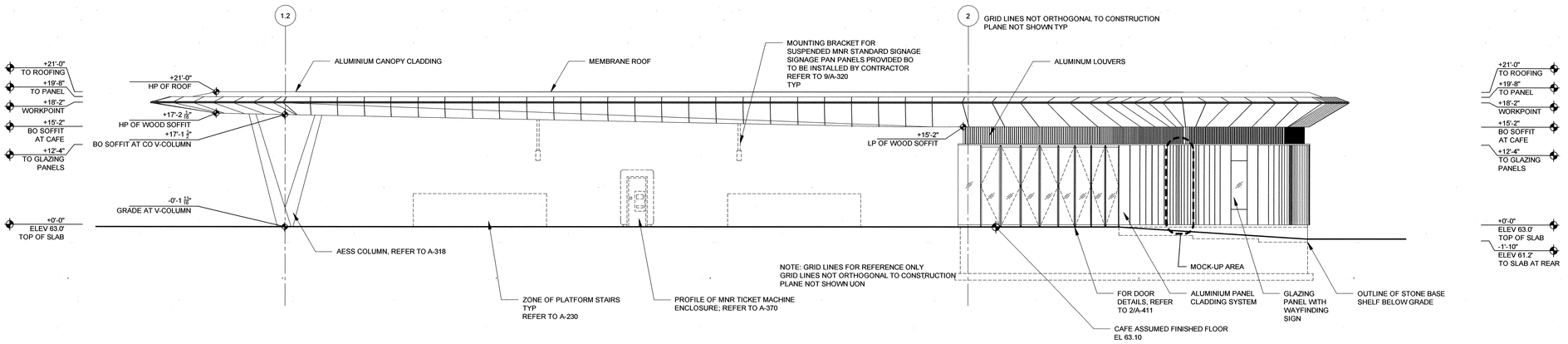
PROJECT ID: HWXFPLZA	DATE: 02/14/2014	SHEET: 019 OF 140	NO.: A-204

CONSULTANT DESIGN



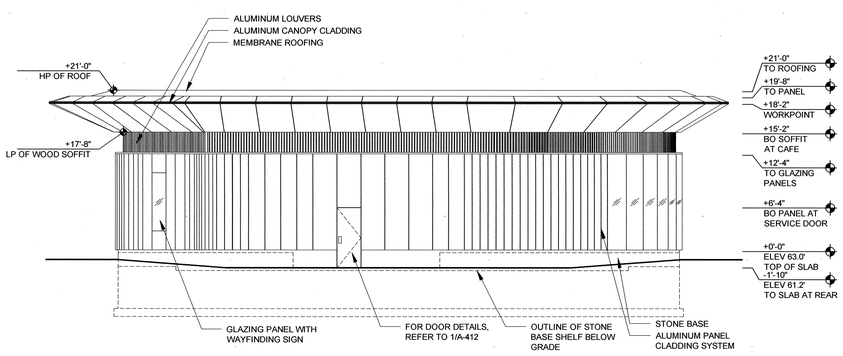
1 BUILDING ELEVATION - NORTH

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



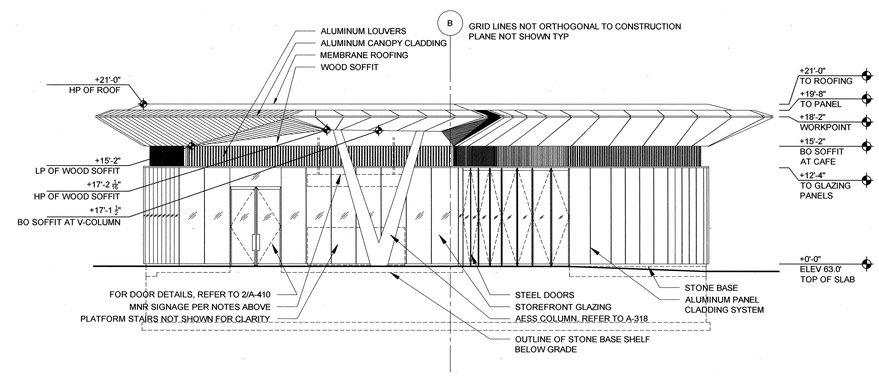
2 BUILDING ELEVATION - SOUTH

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



3 BUILDING ELEVATION - EAST

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



4 BUILDING ELEVATION - WEST

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

GENERAL NOTE
ALL WORK SHOWN IS DESCRIBED SECTION 9.60 AND PAID UNDER ITEM 9.60 B1 UNLESS OTHERWISE NOTED

NO.	DATE	DESCRIPTIONS	BY	APPR'D

REVISIONS

TOPOGRAPHIC SURVEY PREPARED BY:
LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES
LICENSED LAND SURVEYOR

FINAL DESIGN PREPARED BY:
GRIMSHAW ARCHITECTS, PC

REGISTERED ARCHITECT MARK D. SCHEER 032404 STATE OF NEW YORK

DRAWN APH
CHECKED NDH
CADD FILE

SCALE
1/8" = 1'

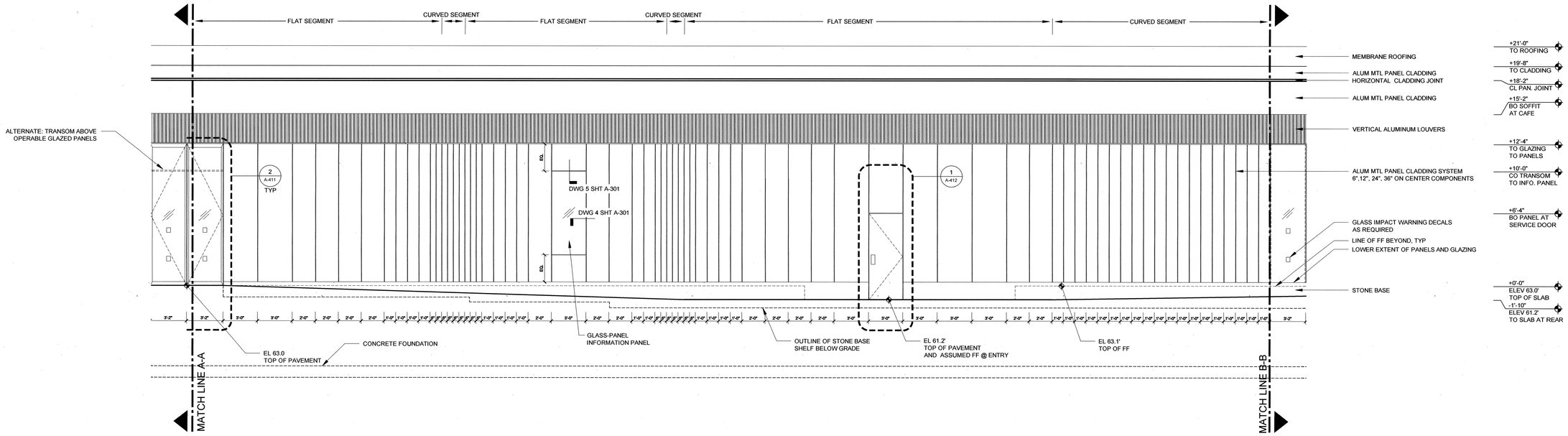
CITY OF NEW YORK
DEPARTMENT OF DESIGN + CONSTRUCTION
DIVISION OF INFRASTRUCTURE
BUREAU OF DESIGN

ARCHITECTURAL FAÇADE ELEVATION
ENTRY CANOPY AND CAFE BUILDING

FORDHAM PLAZA
BOROUGH OF THE BRONX

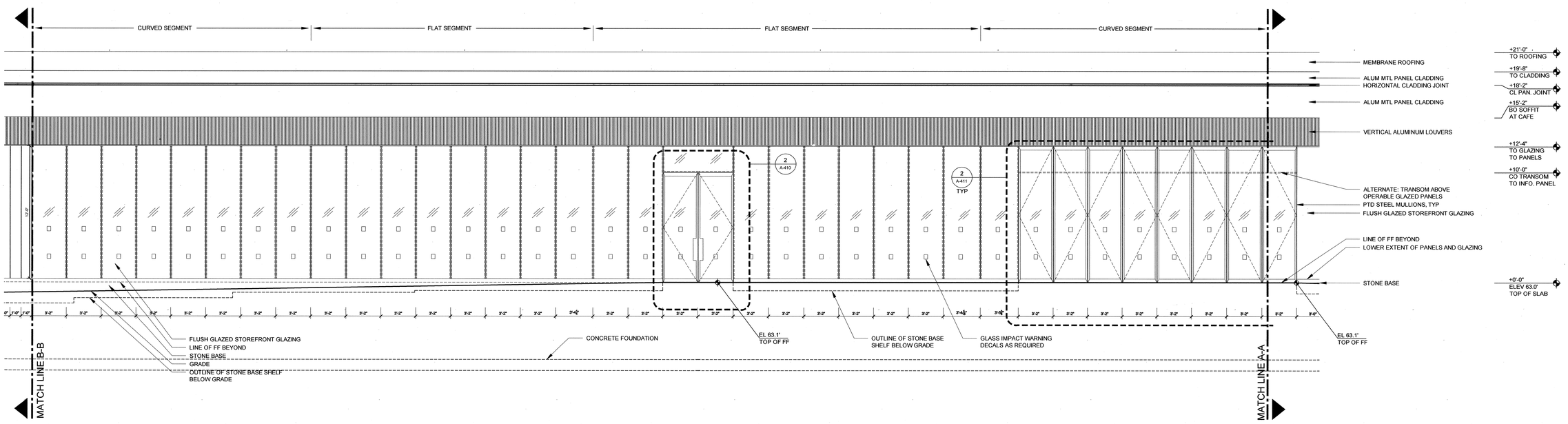
PROJECT ID: HWXFPLZA | DATE: 02/14/2014 | SHEET: 020 OF 140 | NO.: A-205

CONSULTANT DESIGN



1 DEVELOPED ELEVATION - CLADDING

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



2 DEVELOPED ELEVATION - GLAZING

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

GENERAL NOTE
ALL WORK SHOWN IS
DESCRIBED SECTION 9.60 AND
PAID UNDER ITEM 9.60 B1
UNLESS OTHERWISE NOTED

NO.	DATE	DESCRIPTIONS	BY	APPR'D

REVISIONS

TOPOGRAPHIC SURVEY PREPARED BY:
LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES
LICENSED LAND SURVEYOR

FINAL DESIGN PREPARED BY:
GRIMSHAW ARCHITECTS, PC

REGISTERED ARCHITECT MARK DAVID HUSSEY 032420 STATE OF NEW YORK

DRAWN APH
CHECKED NDH
CADD FILE

SCALE
1/4" = 1'

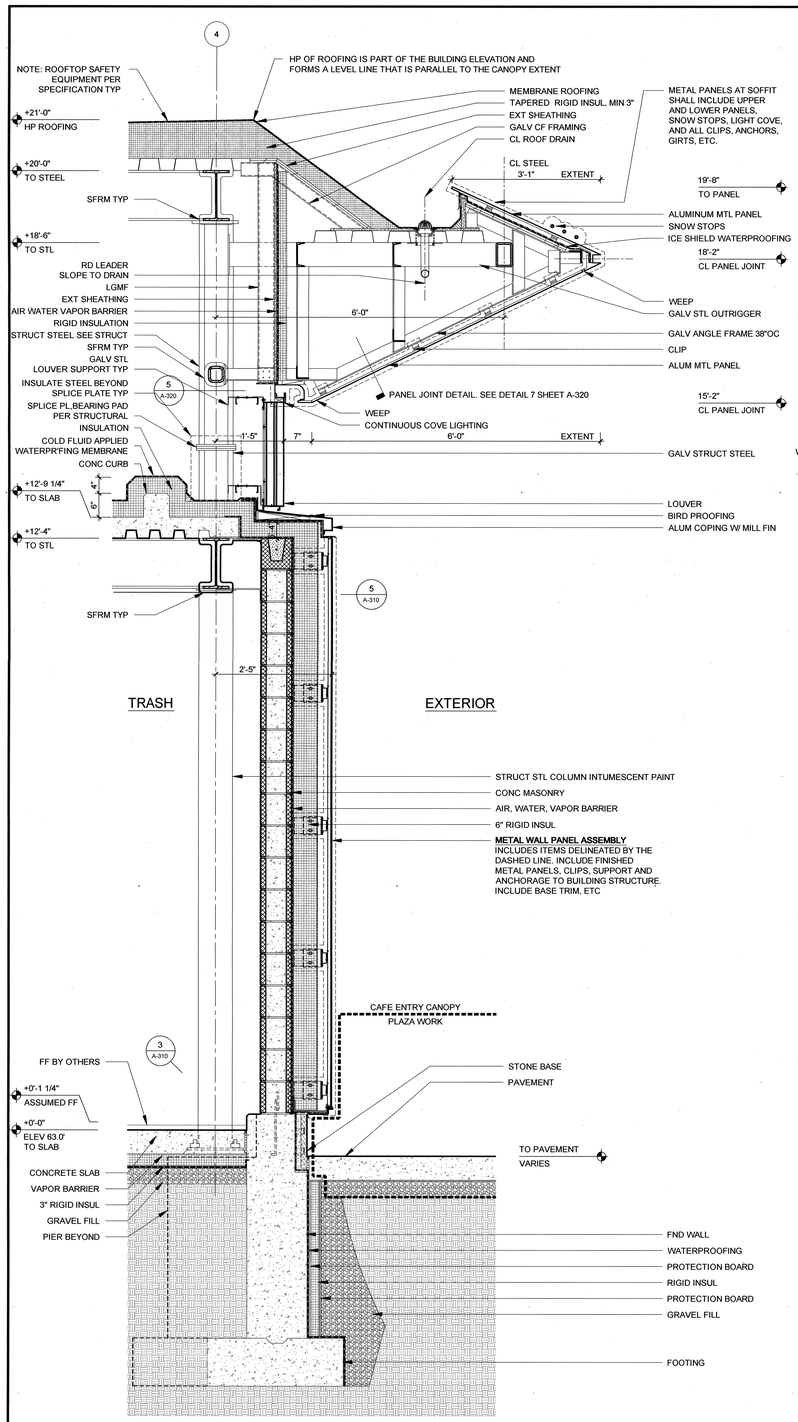
CITY OF NEW YORK
DEPARTMENT OF DESIGN + CONSTRUCTION
DIVISION OF INFRASTRUCTURE
BUREAU OF DESIGN

ARCHITECTURAL DEVELOPED ELEVATION
CAFE BUILDING

FORDHAM PLAZA
BOROUGH OF THE BRONX

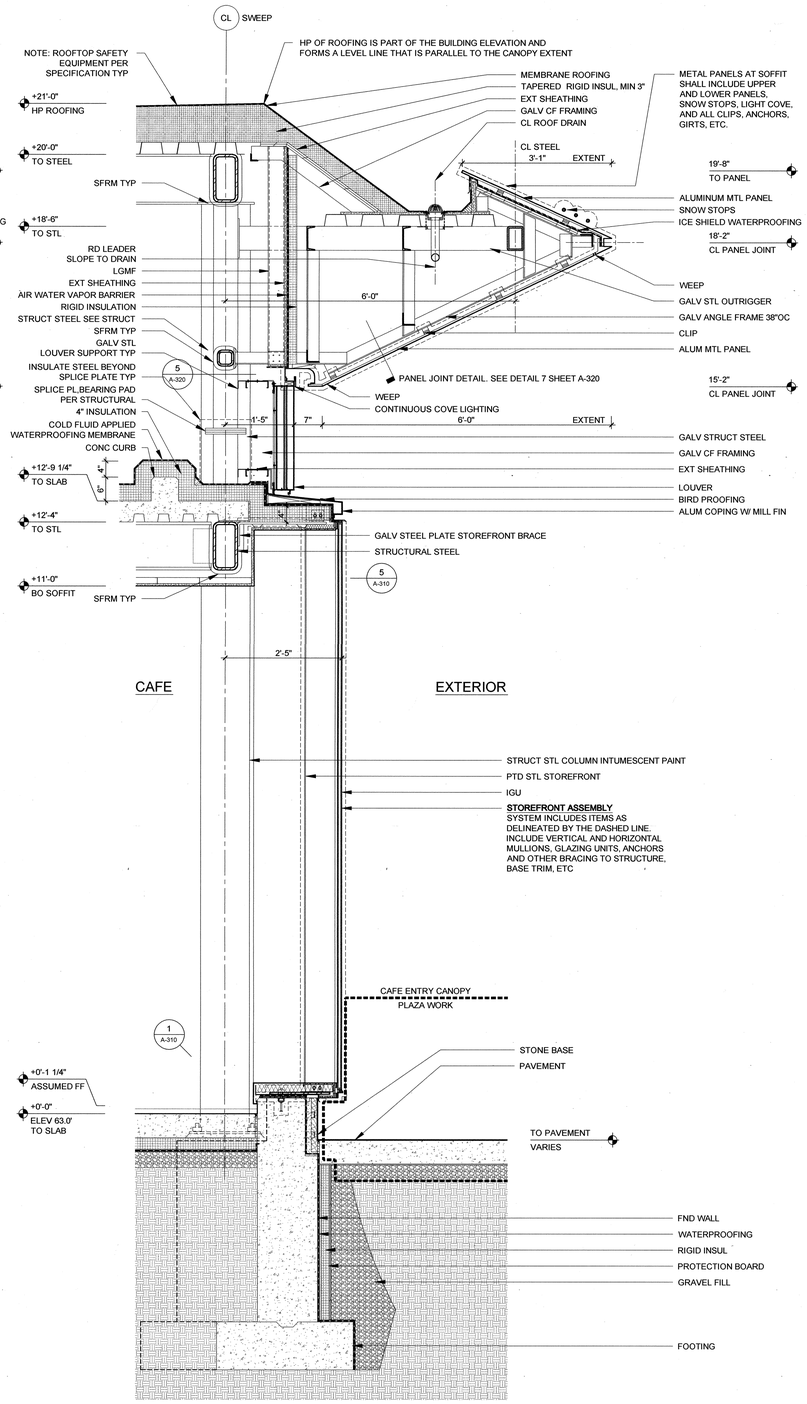
PROJECT ID: HWXFPLZA | DATE: 02/14/2014 | SHEET: 021 OF 140 | NO.: A-206

CONSULTANT DESIGN



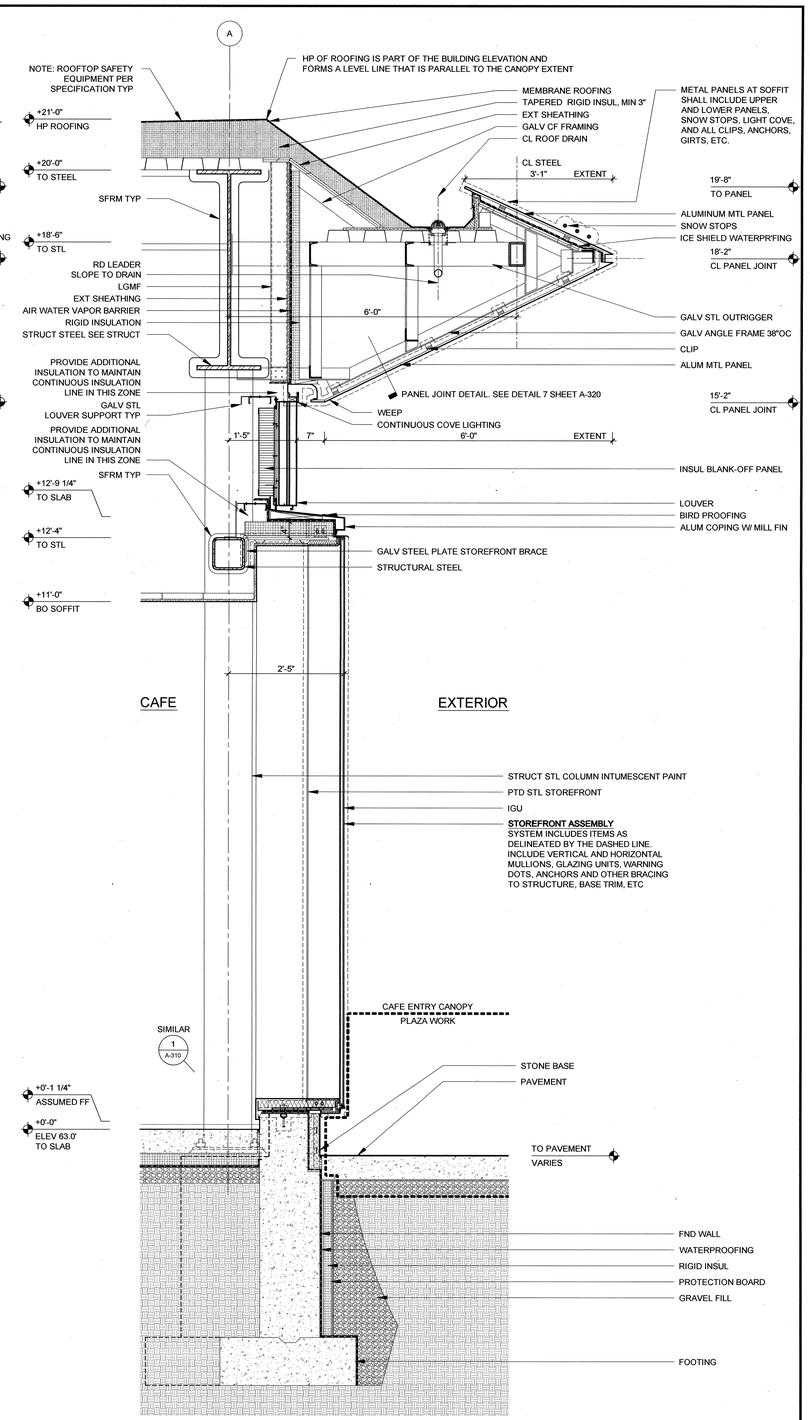
3 WALL SECTION

SCALE: 3/4" = 1'-0"



2 WALL SECTION

SCALE: 3/4" = 1'-0"



1 WALL SECTION

SCALE: 3/4" = 1'-0"

NO.	DATE	DESCRIPTIONS	BY	APPR'D

REVISIONS

TOPOGRAPHIC SURVEY PREPARED BY:
LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES
LICENSED LAND SURVEYOR

FINAL DESIGN PREPARED BY:
GRIMSHAW ARCHITECTS, PC

REGISTERED ARCHITECT MARK DAVID HUSSEY 032404 STATE OF NEW YORK

DRAWN JRS
CHECKED NDH

SCALE 3/4" = 1'

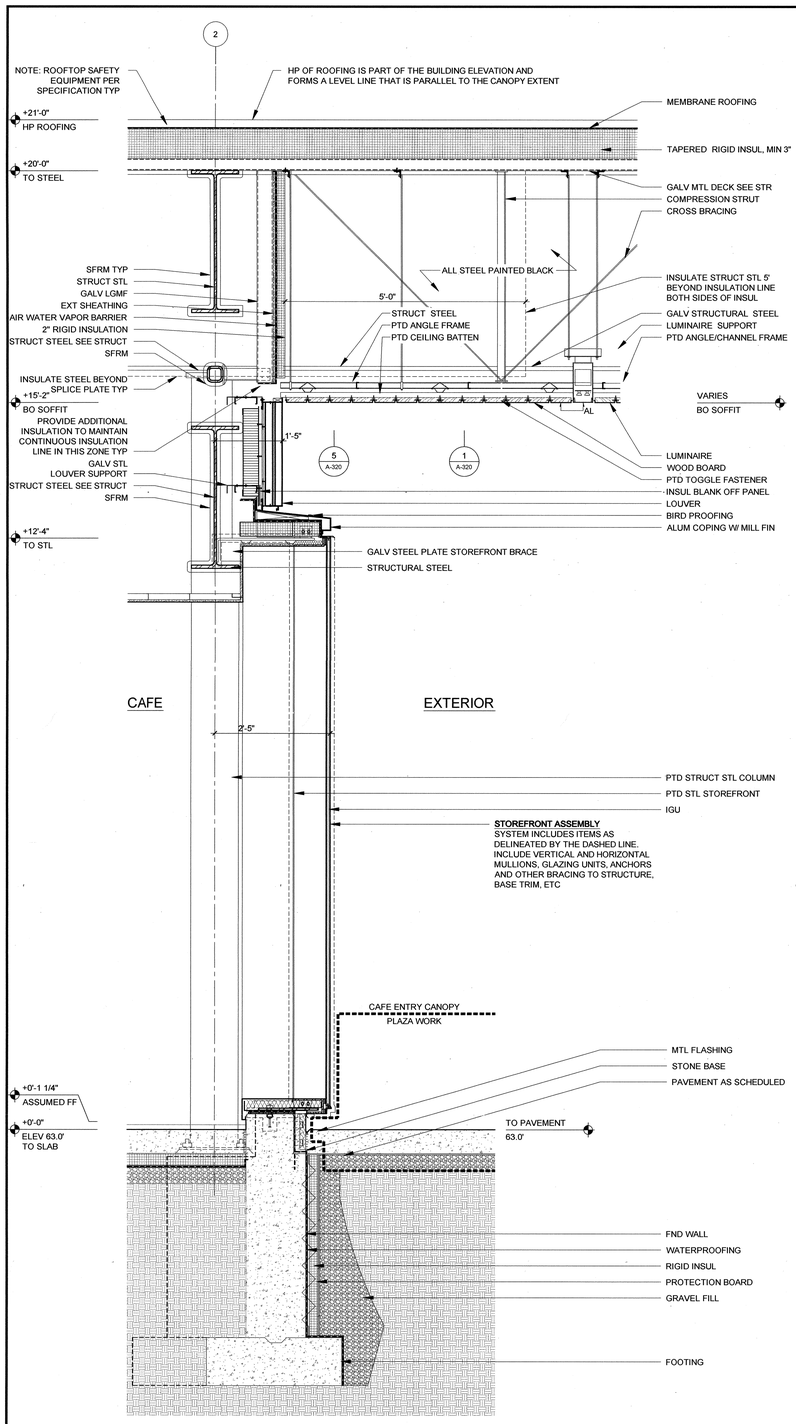
CITY OF NEW YORK
DEPARTMENT OF DESIGN + CONSTRUCTION
DIVISION OF INFRASTRUCTURE
BUREAU OF DESIGN

ARCHITECTURAL WALL SECTIONS 1
CAFE BUILDING AND ENTRY CANOPY

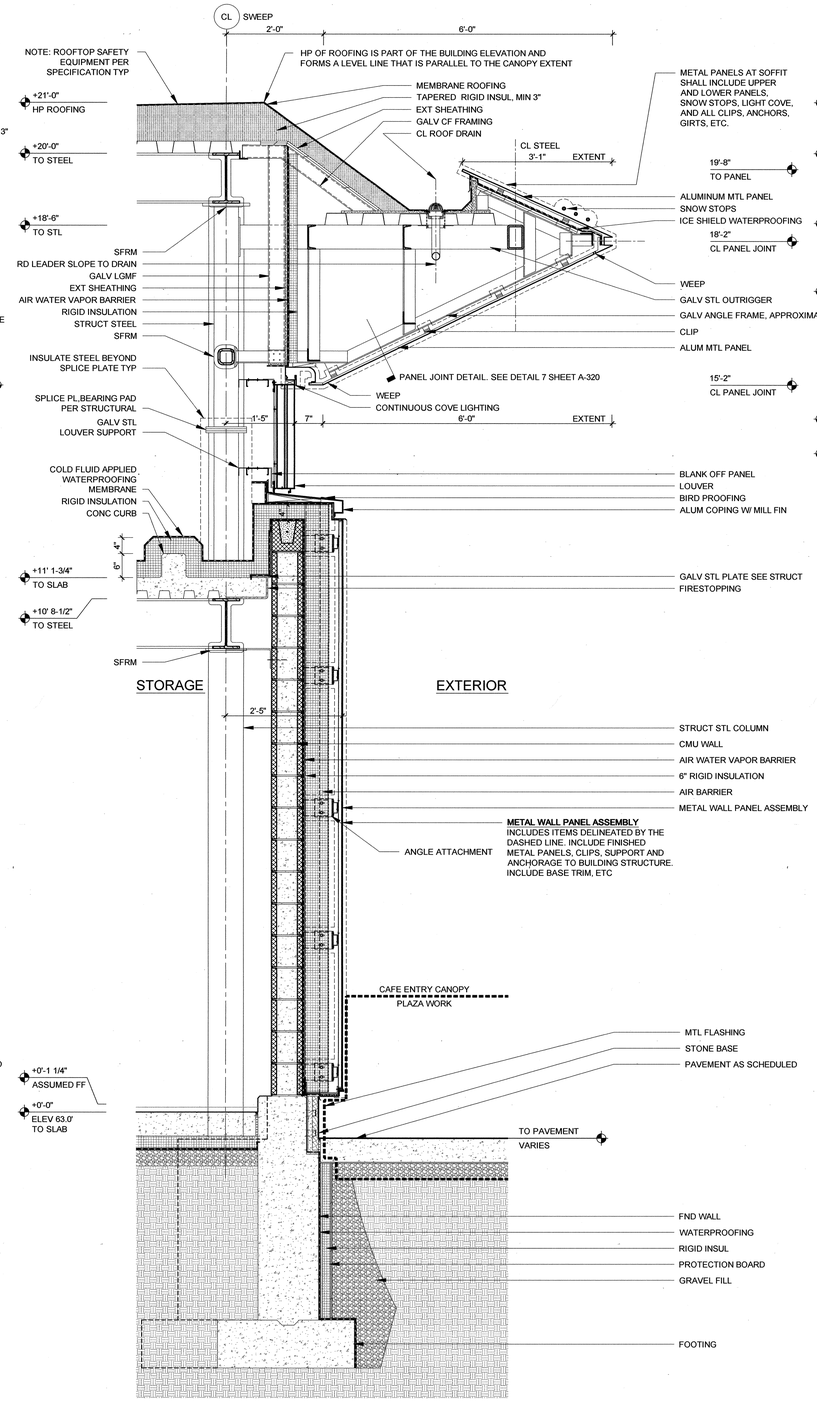
FORDHAM PLAZA
BOROUGH OF THE BRONX

PROJECT ID: HWXFPLZA | DATE: 02/14/2014 | SHEET: 025 OF 140 | NO.: A-300

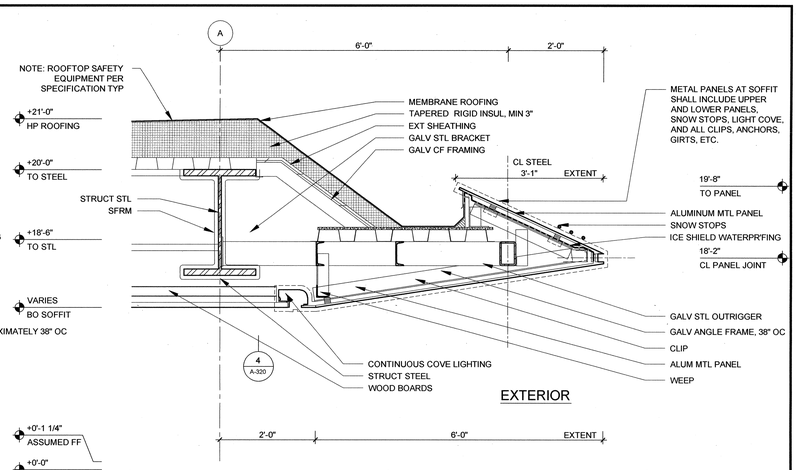
CONSULTANT DESIGN



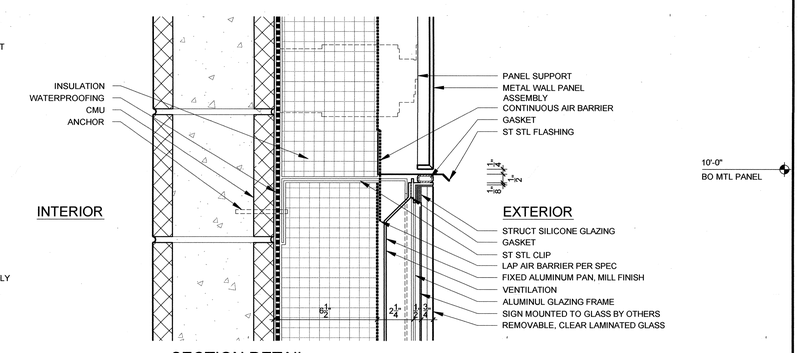
3 WALL SECTION
SCALE: 3/4" = 1'-0"



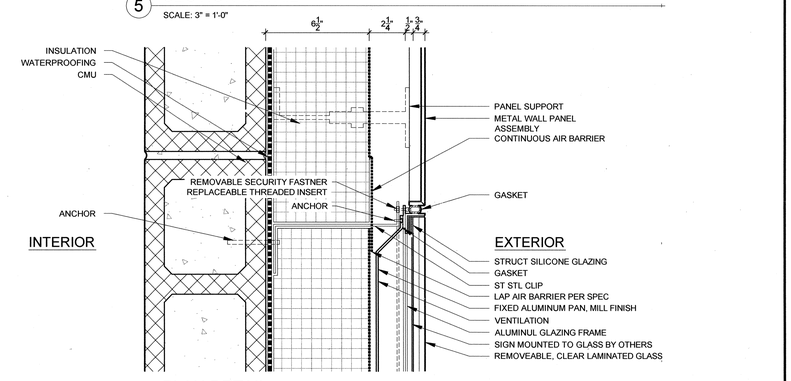
2 WALL SECTION
SCALE: 3/4" = 1'-0"



1 WALL SECTION
SCALE: 3/4" = 1'-0"



5 SECTION DETAIL
SCALE: 3" = 1'-0"



4 PLAN DETAIL
SCALE: 3" = 1'-0"

NO.	DATE	DESCRIPTIONS	BY	APPR'D
		REVISIONS		

TOPOGRAPHIC SURVEY PREPARED BY:
LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES
LICENSED LAND SURVEYOR

FINAL DESIGN PREPARED BY:
GRIMSHAW ARCHITECTS, PC

REGISTERED ARCHITECT MARK DAVID HUSSEY 032400 STATE OF NEW YORK

DRAWN JRS
CHECKED NDH

SCALE
3/4" = 1'

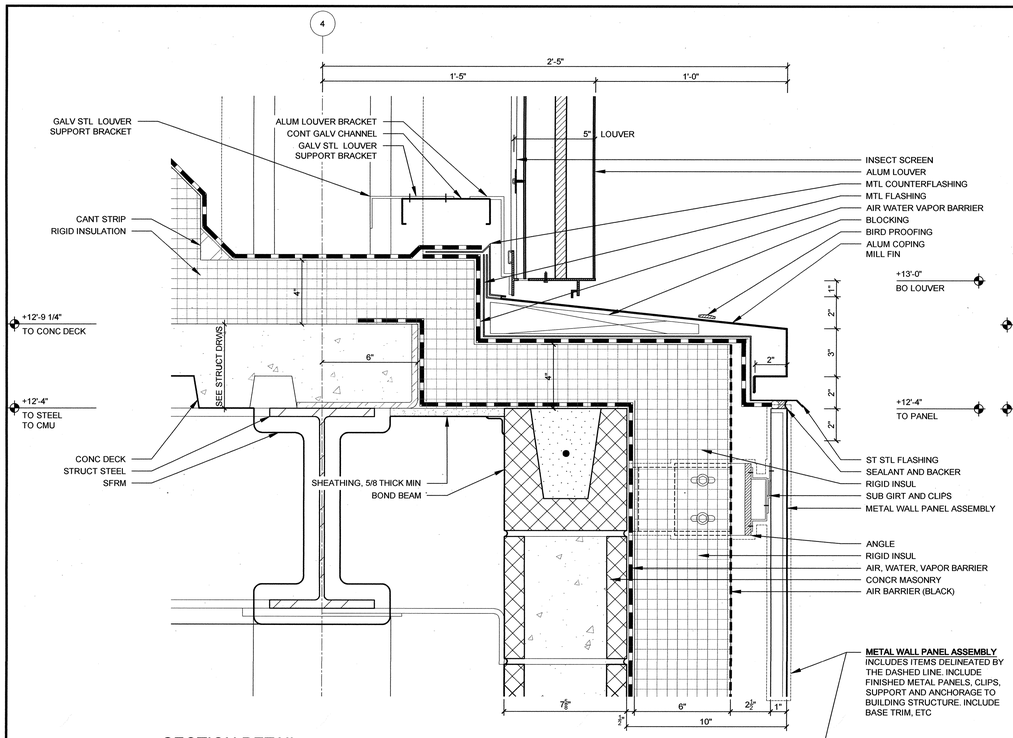
CITY OF NEW YORK
DEPARTMENT OF DESIGN + CONSTRUCTION
DIVISION OF INFRASTRUCTURE
BUREAU OF DESIGN

ARCHITECTURAL WALL SECTIONS 2
CAFE BUILDING AND ENTRY CANOPY

FORDHAM PLAZA
BOROUGH OF THE BRONX

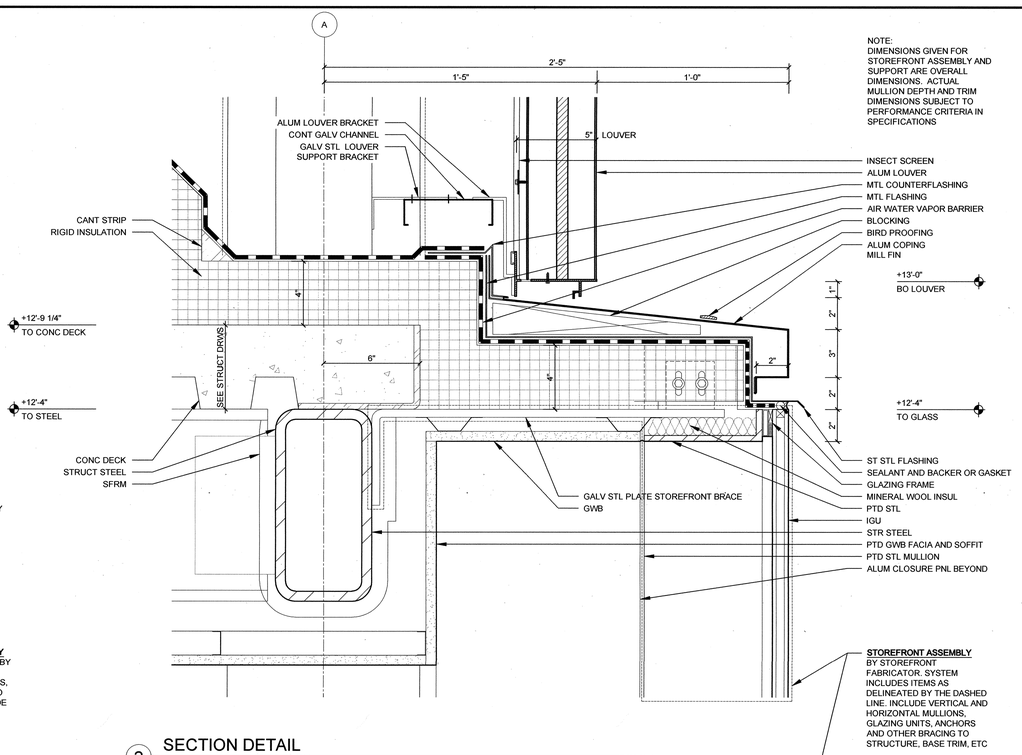
PROJECT ID: HWXFPLZA	DATE: 02/14/2014	SHEET: 026 OF 140	NO.: A-301

CONSULTANT DESIGN



4 SECTION DETAIL

SCALE: 3" = 1'-0"



2 SECTION DETAIL

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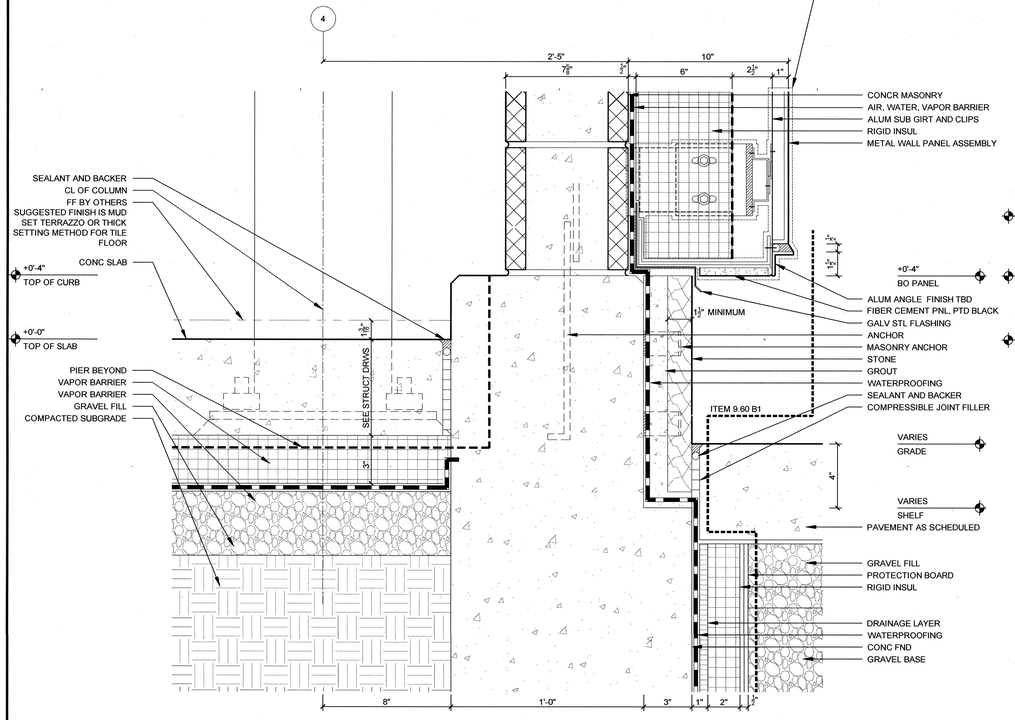
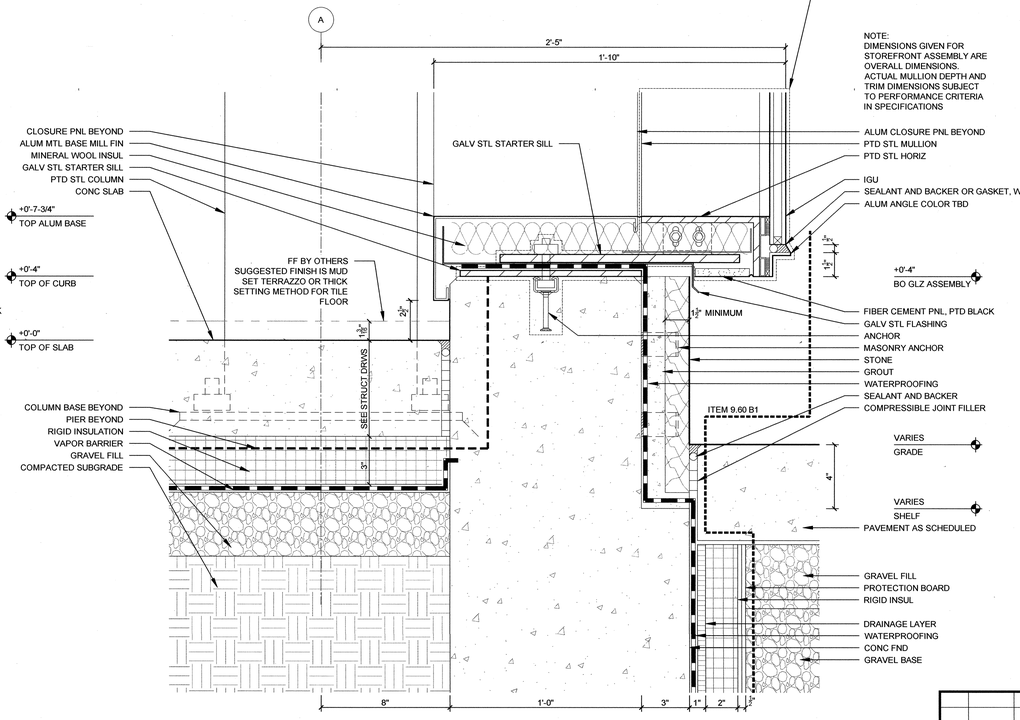


3 SECTION DETAIL

SCALE: 3" = 1'-0"



1 SECTION DETAIL

SCALE: 3" = 1'-0"

NO.	DATE	DESCRIPTIONS	BY	APPR'D

REVISIONS

TOPOGRAPHIC SURVEY PREPARED BY:

LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES

LICENSED LAND SURVEYOR

FINAL DESIGN PREPARED BY:

GRIMSHAW ARCHITECTS, PC

REGISTERED ARCHITECT MARK DAVID HUBER 032403 STATE OF NEW YORK

DRAWN JRS

CHECKED NDH

SCALE

3" = 1'

CITY OF NEW YORK

DEPARTMENT OF DESIGN + CONSTRUCTION

DIVISION OF INFRASTRUCTURE

BUREAU OF DESIGN

CAFE BUILDING

SECTION DETAILS

FORDHAM PLAZA

BOROUGH OF THE BRONX

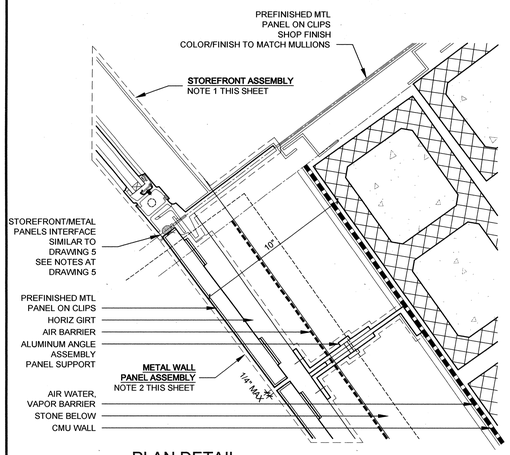
PROJECT ID: HWXFPLZA

DATE: 02/14/2014

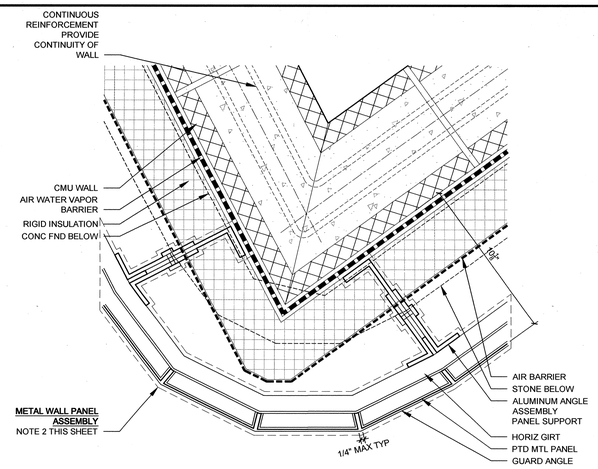
SHEET: 028 OF 140

NO.: A-310

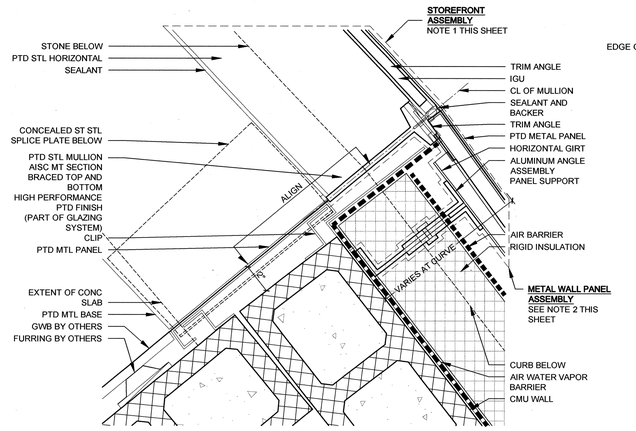
CONSULTANT DESIGN



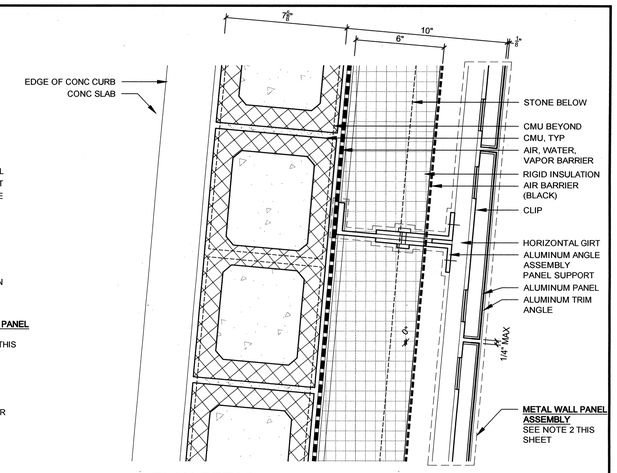
11 PLAN DETAIL
SCALE: 3" = 1'-0"



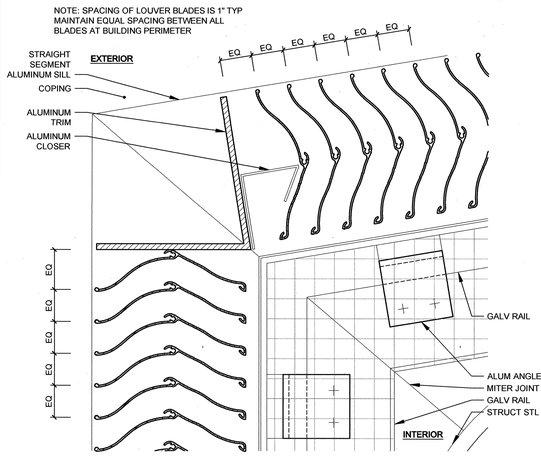
8 PLAN DETAIL
SCALE: 3" = 1'-0"



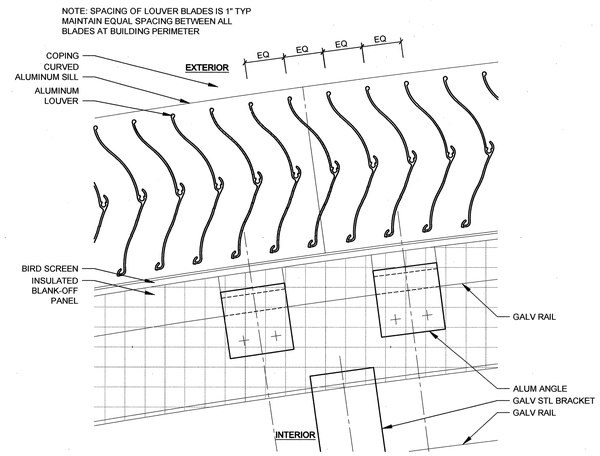
5 PLAN DETAIL
SCALE: 3" = 1'-0"



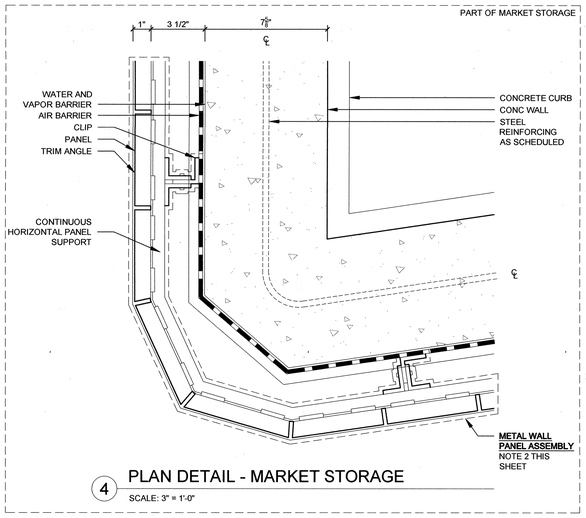
2 PLAN DETAIL
SCALE: 3" = 1'-0"



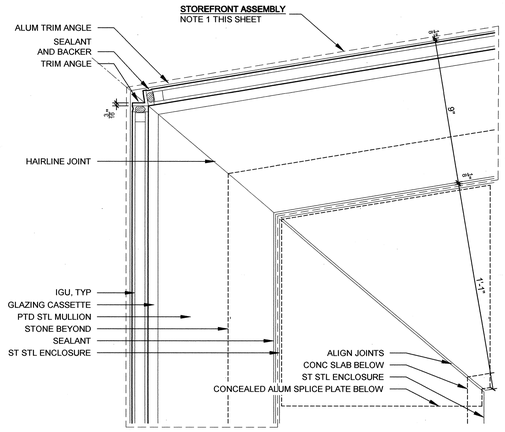
10 PLAN DETAIL - LOUVER ASSEMBLY AND SUPPORT
SCALE: 6" = 1'-0"



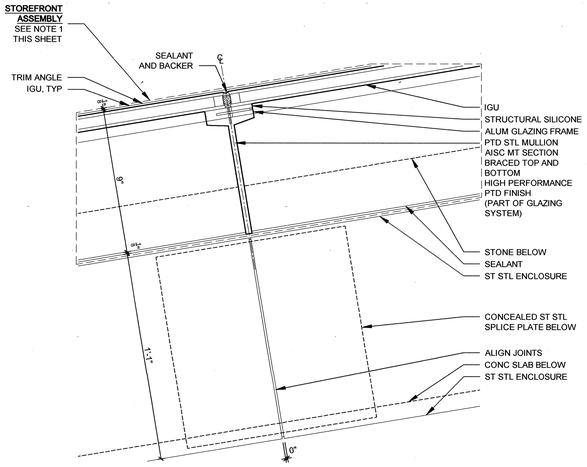
7 PLAN DETAIL - LOUVER ASSEMBLY AND SUPPORT
SCALE: 6" = 1'-0"



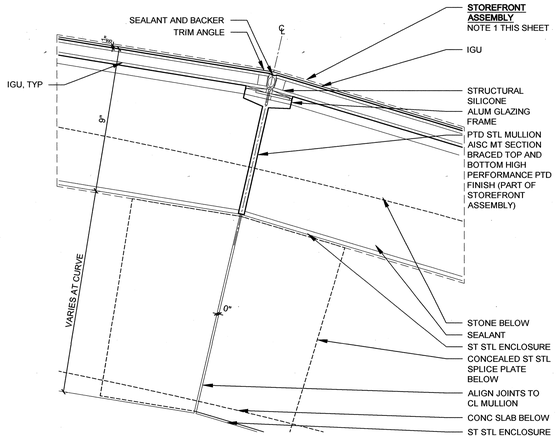
4 PLAN DETAIL - MARKET STORAGE
SCALE: 3" = 1'-0"



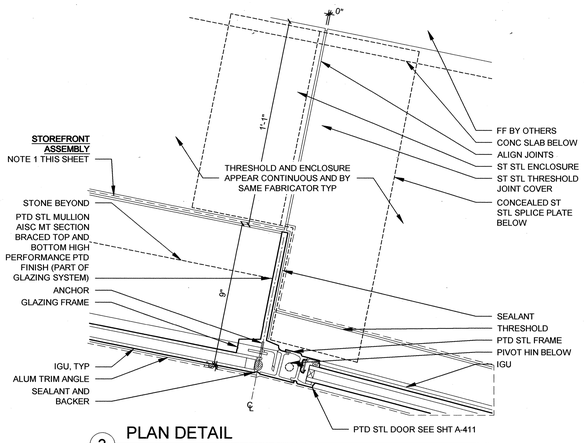
1 PLAN DETAIL
SCALE: 3" = 1'-0"



9 PLAN DETAIL
SCALE: 3" = 1'-0"



6 PLAN DETAIL
SCALE: 3" = 1'-0"



3 PLAN DETAIL
SCALE: 3" = 1'-0"

SHEET NOTES

1. STOREFRONT ASSEMBLY
BY STOREFRONT FABRICATOR. SYSTEM INCLUDES ITEMS AS DELINEATED BY THE DASHED LINE. INCLUDES VERTICAL AND HORIZONTAL MULLIONS, GLAZING UNITS, ANCHORS AND OTHER BRACING TO STRUCTURE, BASE TRIM, INTERFACE AT METAL PANEL, ETC

2. METAL WALL PANEL ASSEMBLY
INCLUDES ITEMS DELINEATED BY THE DASHED LINE. INCLUDES FINISHED METAL PANELS, CLIPS, GASKETS, SUPPORT AND ANCHORAGE TO BUILDING STRUCTURE. INCLUDE BASE TRIM, ETC

NO.	DATE	DESCRIPTIONS	BY	APPR'D
		REVISIONS		

TOPOGRAPHIC SURVEY PREPARED BY:
LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES
LICENSED LAND SURVEYOR

FINAL DESIGN PREPARED BY:
GRIMSHAW ARCHITECTS, PC

REGISTERED ARCHITECT MARK DAVID HUSSEY 032446 STATE OF NEW YORK

DRAWN JRS
CHECKED NDH
CADD FILE

SCALE
VARIES

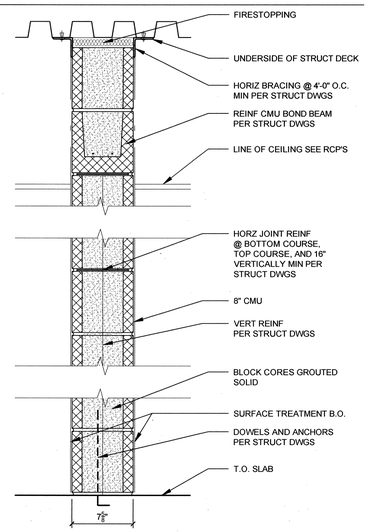
CITY OF NEW YORK
DEPARTMENT OF DESIGN + CONSTRUCTION
DIVISION OF INFRASTRUCTURE
BUREAU OF DESIGN

CAFE BUILDING
PLAN DETAILS 1

FORDHAM PLAZA
BOROUGH OF THE BRONX

PROJECT ID: HWXFPLZA | DATE: 02/14/2014 | SHEET: 029 OF 140 | NO.: A-315

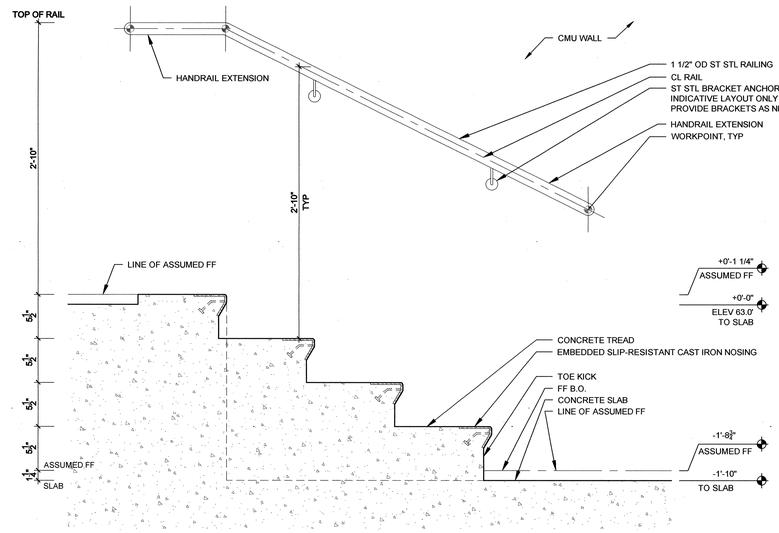
CONSULTANT DESIGN



PARTITION TYPE: 2 HOUR RATED 8" REINF. CMU PARTITION				
TYPE	STUD SIZE	FIRE RATING	UL NUMBER	NOTE
A	N/A	2 HOUR	UL-905	

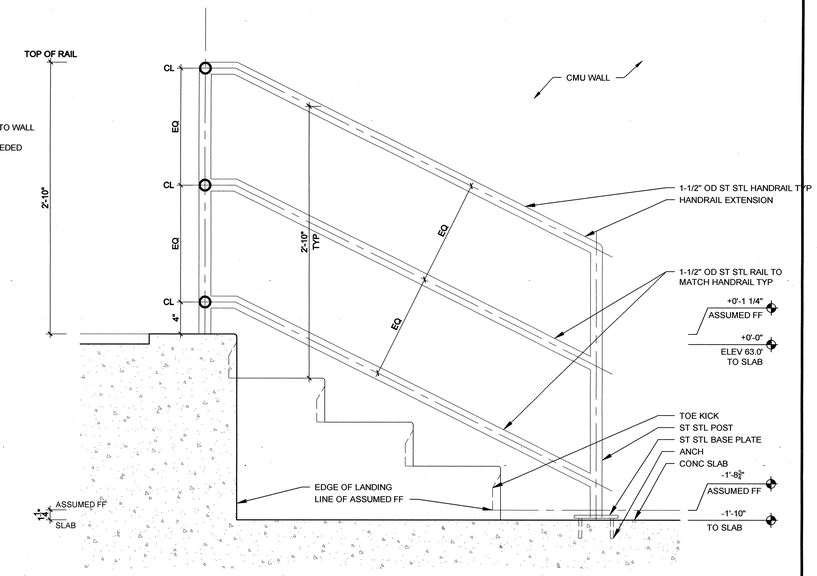
4 PARTITION TYPE

SCALE: 1 1/2" = 1'-0"



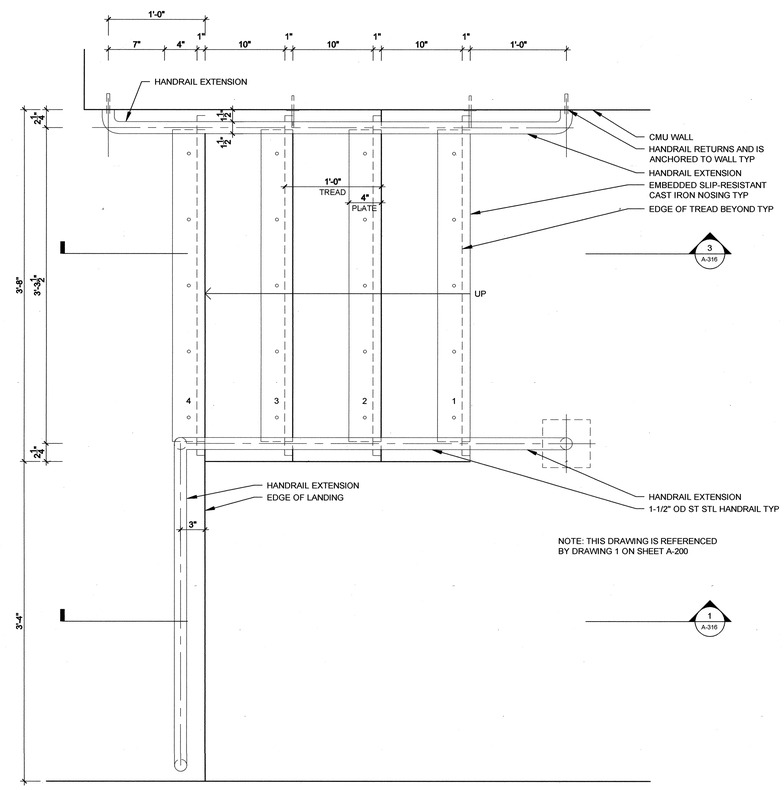
3 SECTION DETAIL

SCALE: 1 1/2" = 1'-0"



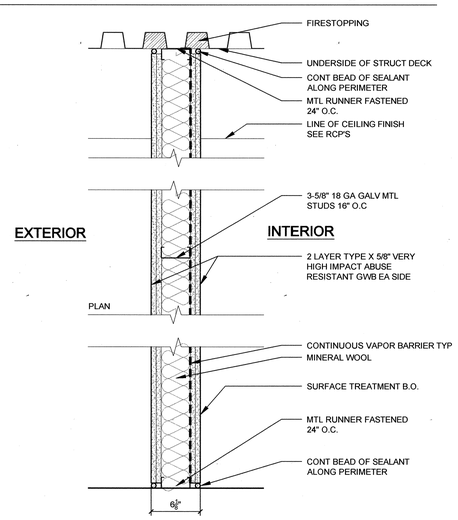
1 PLAN DETAIL

SCALE: 1 1/2" = 1'-0"



2 SECTION DETAIL

SCALE: 1 1/2" = 1'-0"



PARTITION TYPE: 2 HOUR RATED GYPSUM WALL				
TYPE	STUD SIZE	FIRE RATING	UL NUMBER	NOTE
B	3-1/2"	2 HOUR	U419	

5 PARTITION TYPE

SCALE: 1 1/2" = 1'-0"

NO.	DATE	DESCRIPTIONS	BY	APPR'D

REVISIONS

TOPOGRAPHIC SURVEY PREPARED BY:
LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES
LICENSED LAND SURVEYOR

FINAL DESIGN PREPARED BY:
GRIMSHAW ARCHITECTS, PC

REGISTERED ARCHITECT MARK DAVID HUSSEY 032404 STATE OF NEW YORK

DRAWN JRS
CHECKED NDH
CADD FILE

SCALE
3" = 1'-0"

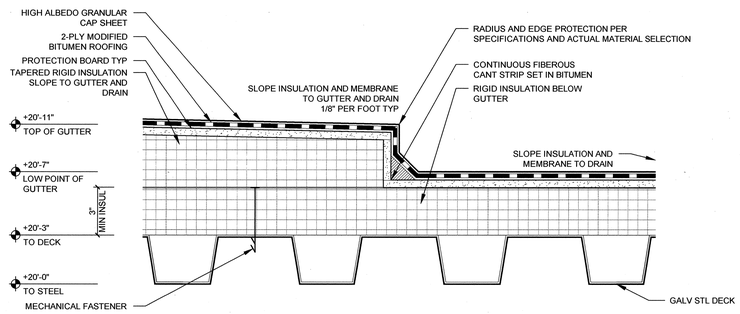
CITY OF NEW YORK
DEPARTMENT OF DESIGN + CONSTRUCTION
DIVISION OF INFRASTRUCTURE
BUREAU OF DESIGN

CAFE BUILDING
PLAN DETAILS AND WALL TYPES

FORDHAM PLAZA
BOROUGH OF THE BRONX

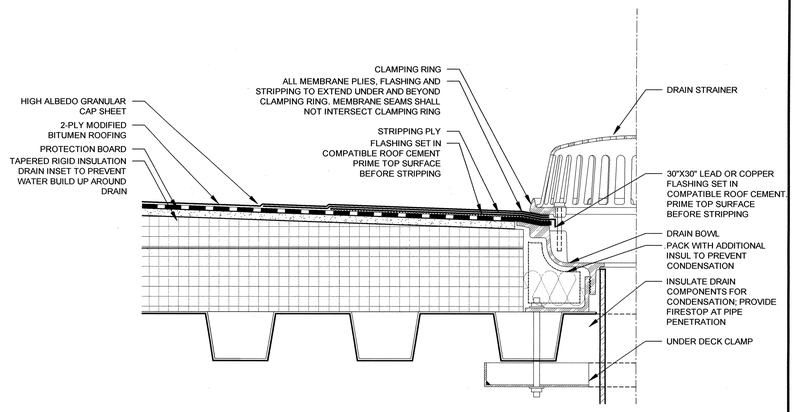
PROJECT ID: HWXFPLZA | DATE: 02/14/2014 | SHEET: 030 OF 140 | NO.: A-316

CONSULTANT DESIGN



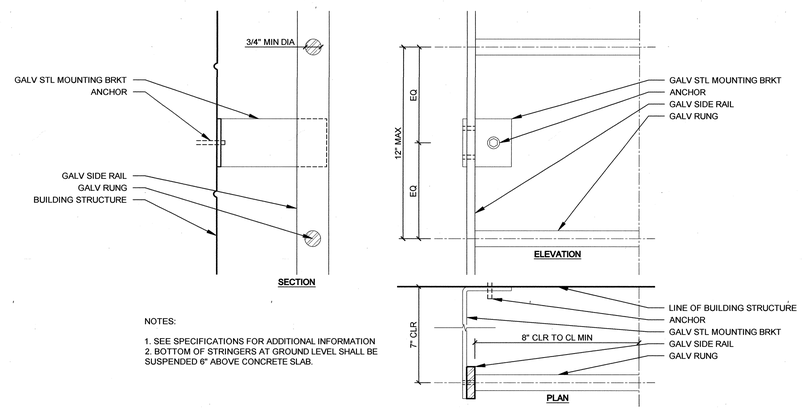
6 SECTION DETAIL - ROOF GUTTER

SCALE: 3" = 1'-0"



3 SECTION DETAIL - TYPICAL ROOF DRAIN

SCALE: 3" = 1'-0"

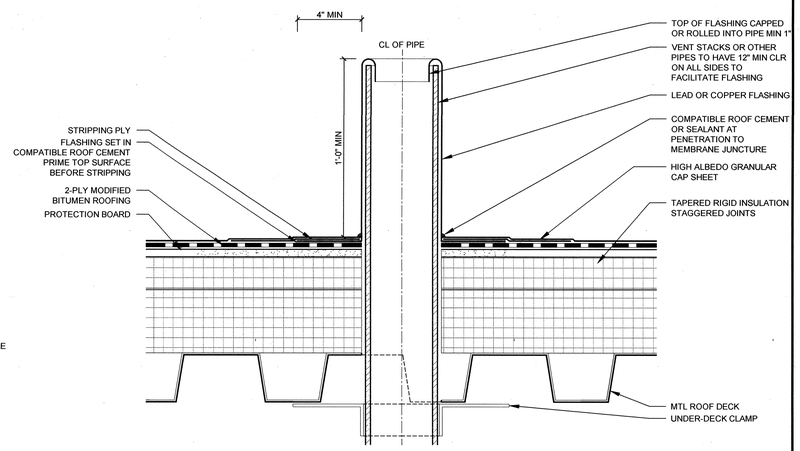


NOTES:

1. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION
2. BOTTOM OF STRINGERS AT GROUND LEVEL SHALL BE SUSPENDED 6" ABOVE CONCRETE SLAB.

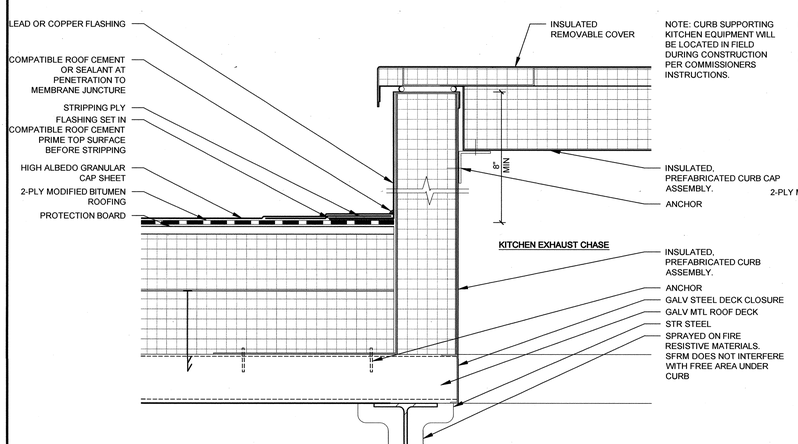
5 DETAIL - TYP METAL LADDER DETAILS

SCALE: 3" = 1'-0"



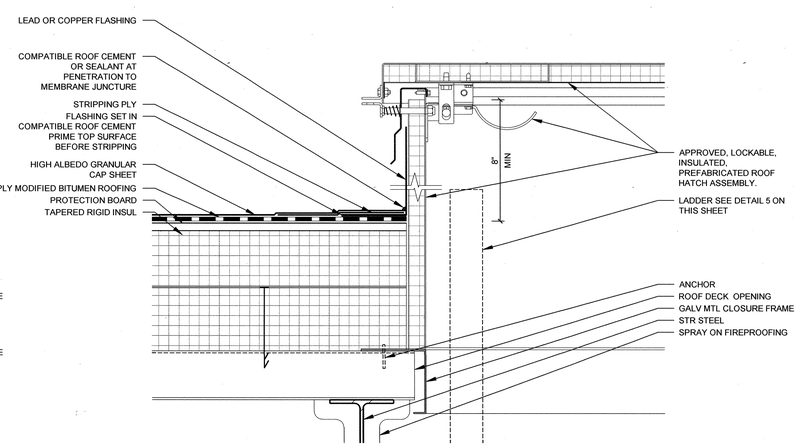
2 SECTION DETAIL - TYPICAL PIPE PENETRATION

SCALE: 3" = 1'-0"



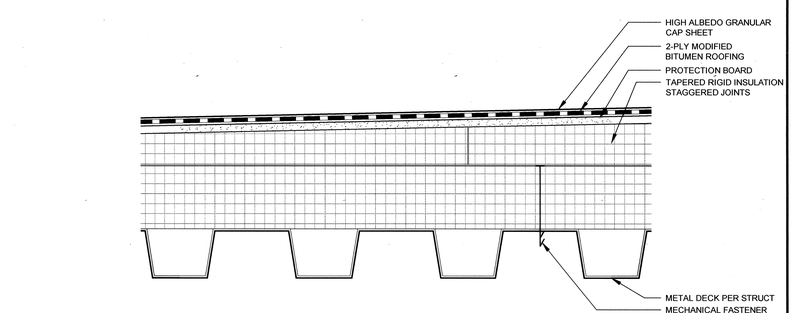
7 SECTION DETAIL - TYPICAL CURB DETAIL

SCALE: 3" = 1'-0"



4 SECTION DETAIL - TYPICAL ROOF HATCH

SCALE: 3" = 1'-0"



1 SECTION DETAIL - TYPICAL ROOF BUILD UP

SCALE: 3" = 1'-0"

GENERAL NOTE
ALL WORK SHOWN IS DESCRIBED SECTION 9.60 AND PAID UNDER ITEM 9.60 B1 UNLESS OTHERWISE NOTED

NO.	DATE	DESCRIPTIONS	BY	APPR'D

REVISIONS

TOPOGRAPHIC SURVEY PREPARED BY:
LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES
LICENSED LAND SURVEYOR

FINAL DESIGN PREPARED BY:
GRIMSHAW ARCHITECTS, PC

REGISTERED ARCHITECT MARK DAVID HUSSEY 032404 STATE OF NEW YORK

DRAWN JRS
CHECKED NDH

SCALE
3" = 1'

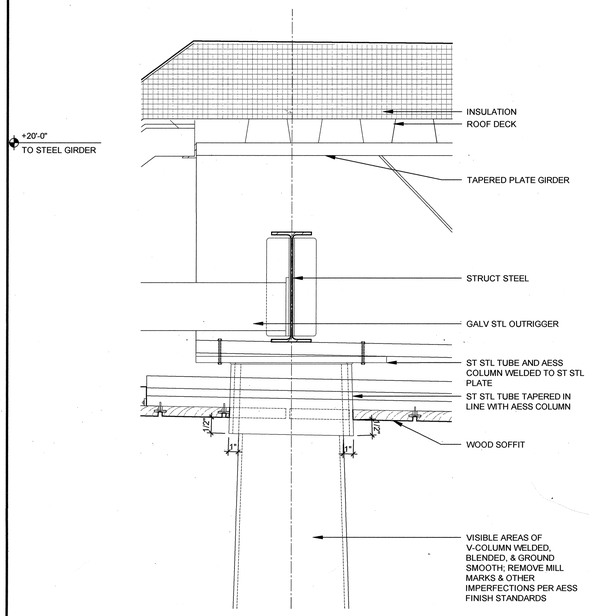
CITY OF NEW YORK
DEPARTMENT OF DESIGN + CONSTRUCTION
DIVISION OF INFRASTRUCTURE
BUREAU OF DESIGN

CAFE ENTRY CANOPY DETAILS
TYPICAL ROOF DETAILS

FORDHAM PLAZA
BOROUGH OF THE BRONX

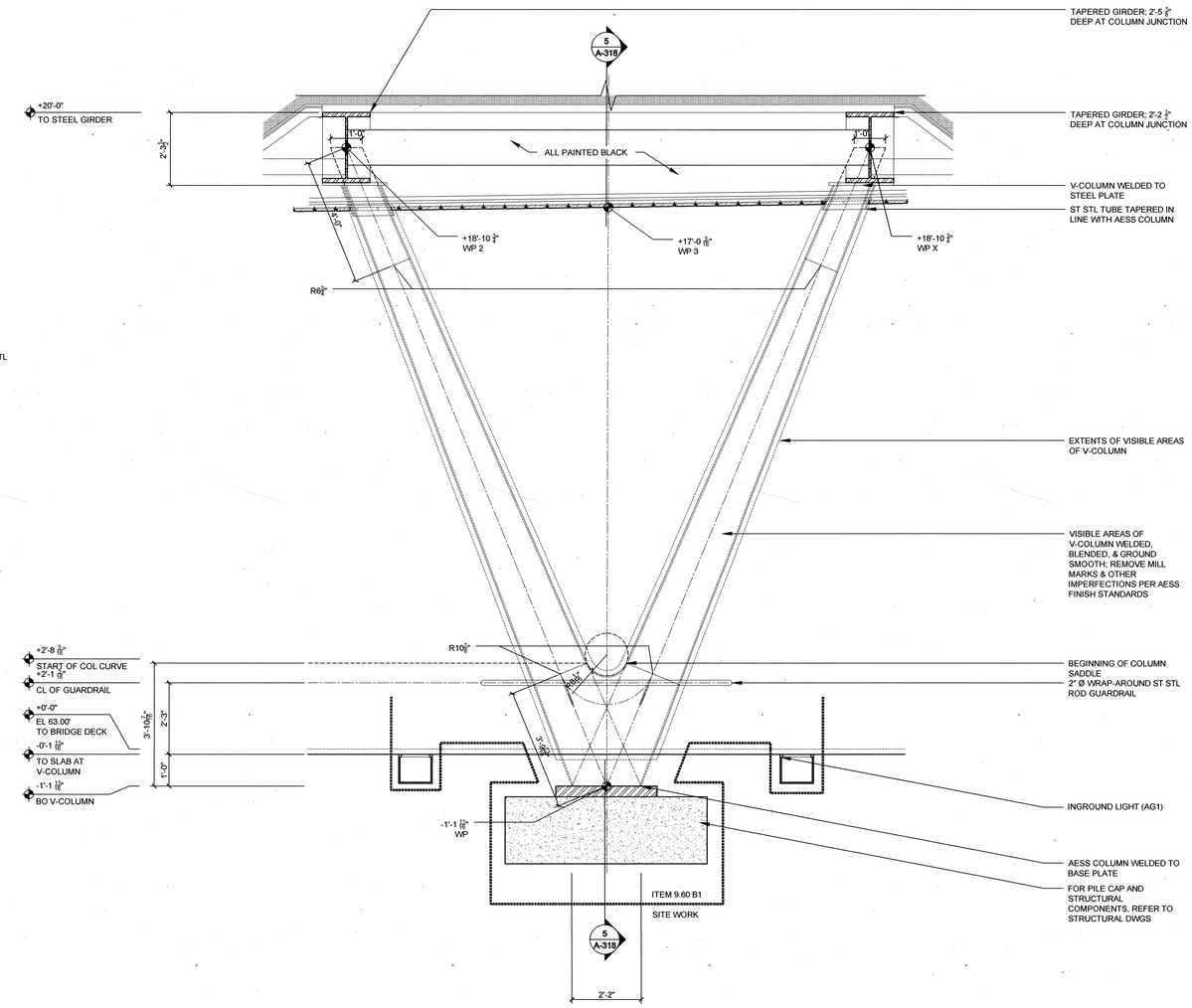
PROJECT ID: HWXFPLZA	DATE: 02/14/2014	SHEET: 031 OF 140	NO.: A-317

CONSULTANT DESIGN



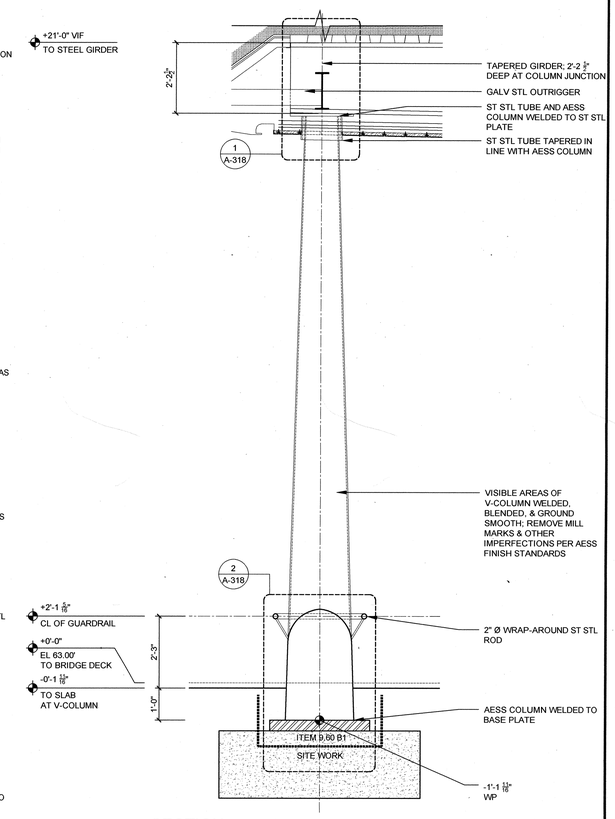
1 SECTION DETAIL

SCALE: 1 1/2" = 1'-0"



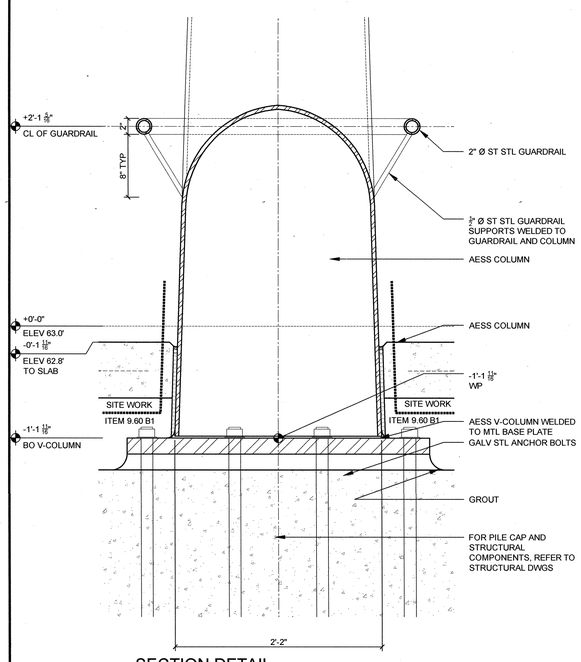
3 SECTION

SCALE: 1/2" = 1'-0"



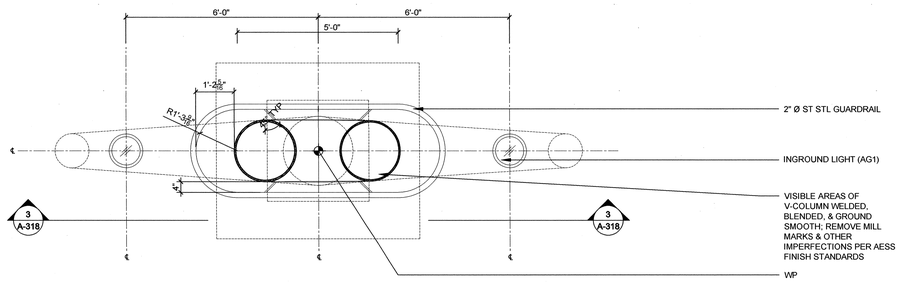
5 SECTION

SCALE: 1/2" = 1'-0"



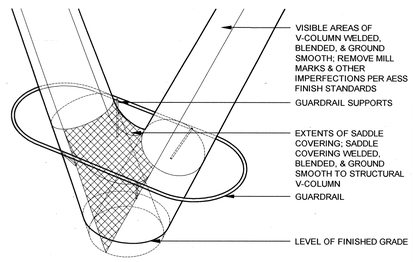
2 SECTION DETAIL

SCALE: 1 1/2" = 1'-0"



4 PLAN

SCALE: 1/2" = 1'-0"



6 3D VIEW OF COLUMN BASE SADDLE

NTS; FOR ILLUSTRATIVE PURPOSES ONLY

NO.	DATE	DESCRIPTIONS	BY	APPR'D
		REVISIONS		

TOPOGRAPHIC SURVEY PREPARED BY:

LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES

LICENSED LAND SURVEYOR

FINAL DESIGN PREPARED BY:

GRIMSHAW ARCHITECTS, PC

REGISTERED ARCHITECT — DAVID HUSSEY — 032408 — STATE OF NEW YORK

DRAWN APH

CHECKED NDH

SCALE AS NOTED

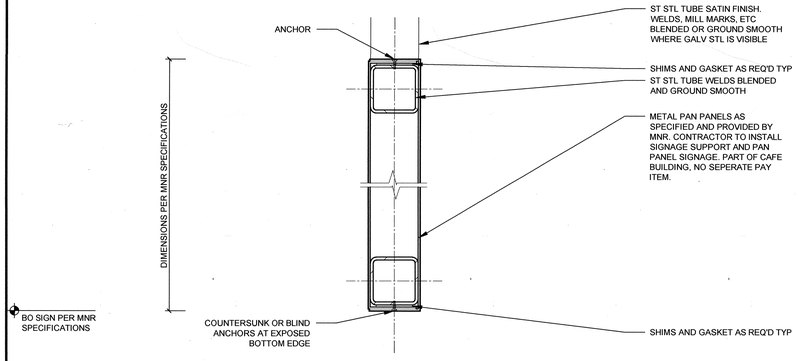
CITY OF NEW YORK
DEPARTMENT OF DESIGN + CONSTRUCTION
DIVISION OF INFRASTRUCTURE
BUREAU OF DESIGN

CAFE ENTRY CANOPY DETAILS – COLUMN

FORDHAM PLAZA
BOROUGH OF THE BRONX

PROJECT ID: HWXFPLZA	DATE: 02/14/2014	SHEET: 032 OF 140	NO.: A-318

CONSULTANT DESIGN



8 SECTION DETAIL
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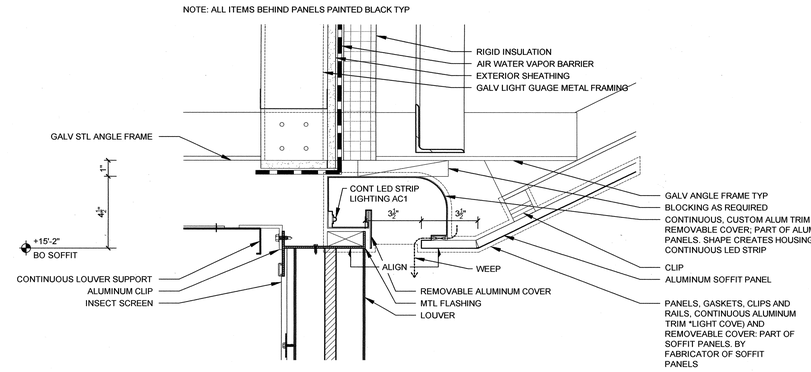
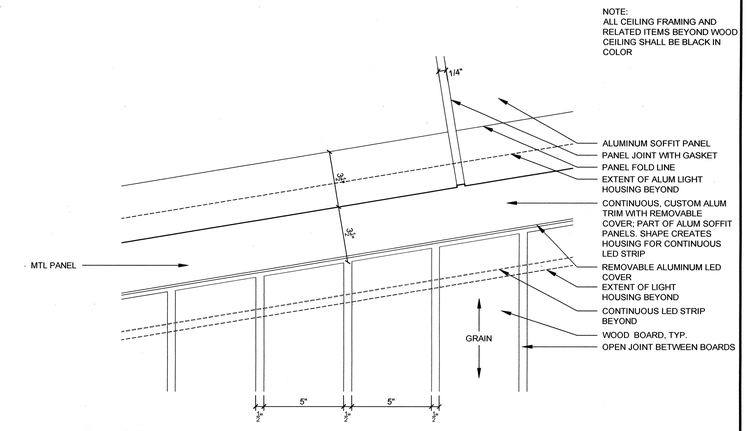
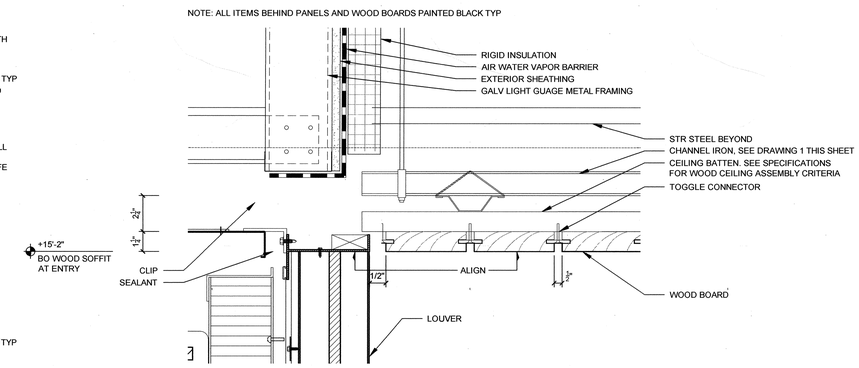


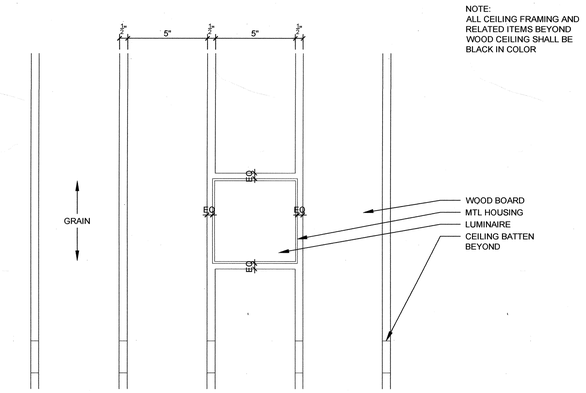
6 SECTION DETAIL
SCALE: 3" = 1'-0"



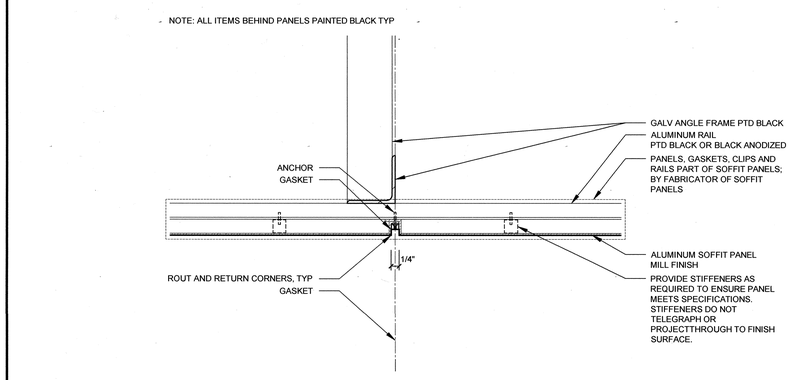
3 RCP DETAIL
SCALE: 3" = 1'-0"



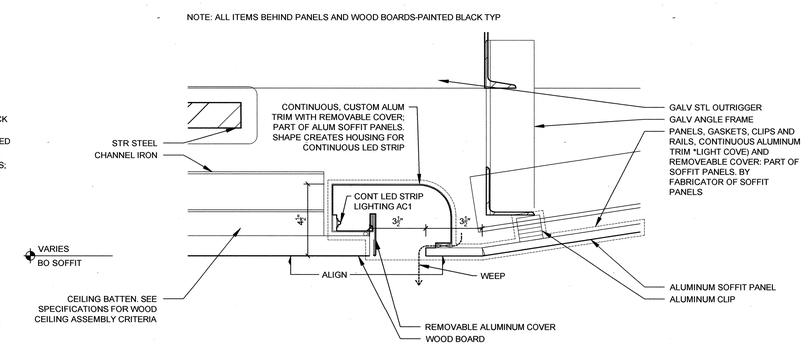
5 SECTION DETAIL
SCALE: 3" = 1'-0"



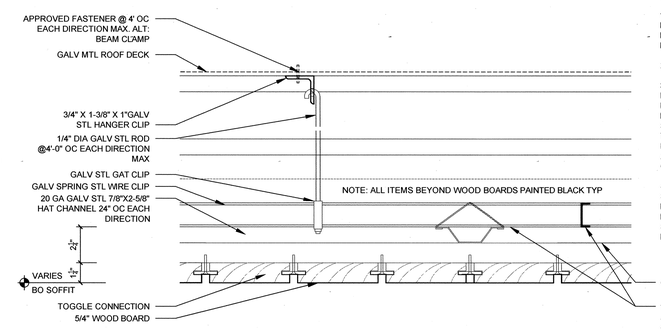
2 RCP DETAIL
SCALE: 3" = 1'-0"



7 SECTION DETAIL
SCALE: 3" = 1'-0"



4 SECTION DETAIL
SCALE: 3" = 1'-0"



NOTES:

1. ALL SURFACE AND PENDANT FIXTURES MUST BE INDEPENDENTLY SUPPORTED FROM THE STRUCTURE ABV.

2. ALL SIZES ARE MINIMUM

3. CARRYING CHANNELS TO BE LEVEL WITHIN 1/8" IN 12'-0". LEVELING SHALL BE PERFORMED WITH THE SUPPORTING HANGERS TAUGHT. LOCAL KINKS OR BENDS SHALL NOT BE USED AS A MEANS OF LEVELING THE CARRYING CHANNELS.

4. PROVIDE 1/4" GALV STEEL SPANNING PLATES BETWEEN DECK FLUTES WHERE REQUIRED TO MATCH SPACING AND LOCATION OF HANGERS.

1 SECTION DETAIL
SCALE: 3" = 1'-0"

NO.	DATE	DESCRIPTIONS	BY	APPR'D

REVISIONS

TOPOGRAPHIC SURVEY PREPARED BY:
LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES
LICENSED LAND SURVEYOR

FINAL DESIGN PREPARED BY:
GRIMSHAW ARCHITECTS, PC

REGISTERED ARCHITECT MARK DAVID HUSSEY 032402 STATE OF NEW YORK

DRAWN JRS
CHECKED NDH

SCALE

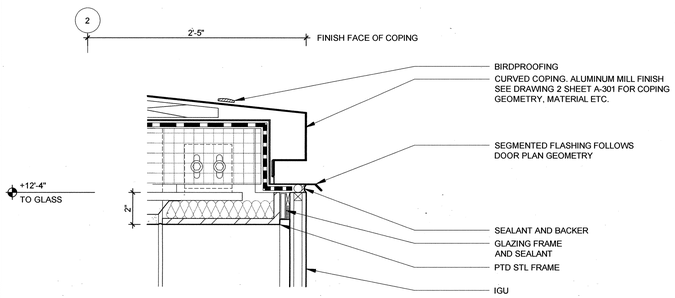
CITY OF NEW YORK
DEPARTMENT OF DESIGN + CONSTRUCTION
DIVISION OF INFRASTRUCTURE
BUREAU OF DESIGN

ENTRY CANOPY DETAILS
CEILING

FORDHAM PLAZA
BOROUGH OF THE BRONX

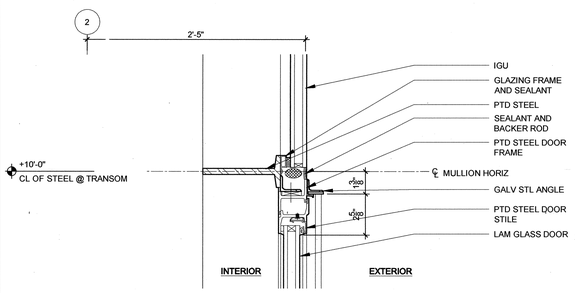
PROJECT ID: HWXFPLZA | DATE: 02/14/2014 | SHEET: 033 OF 140 | NO.: A-320

CONSULTANT DESIGN



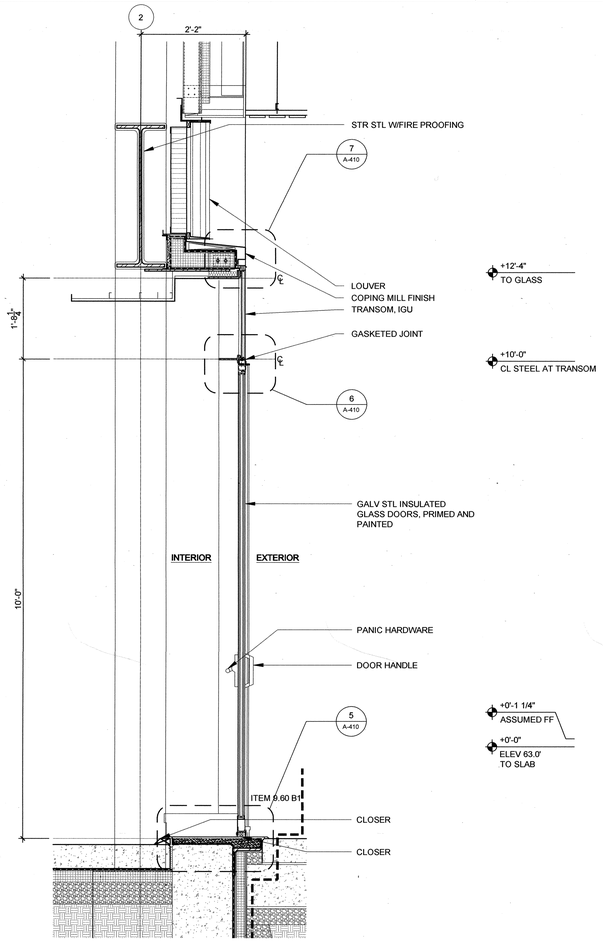
7 TRANSOM HEAD ITEM 9.60 B1

SCALE: 3" = 1'-0"



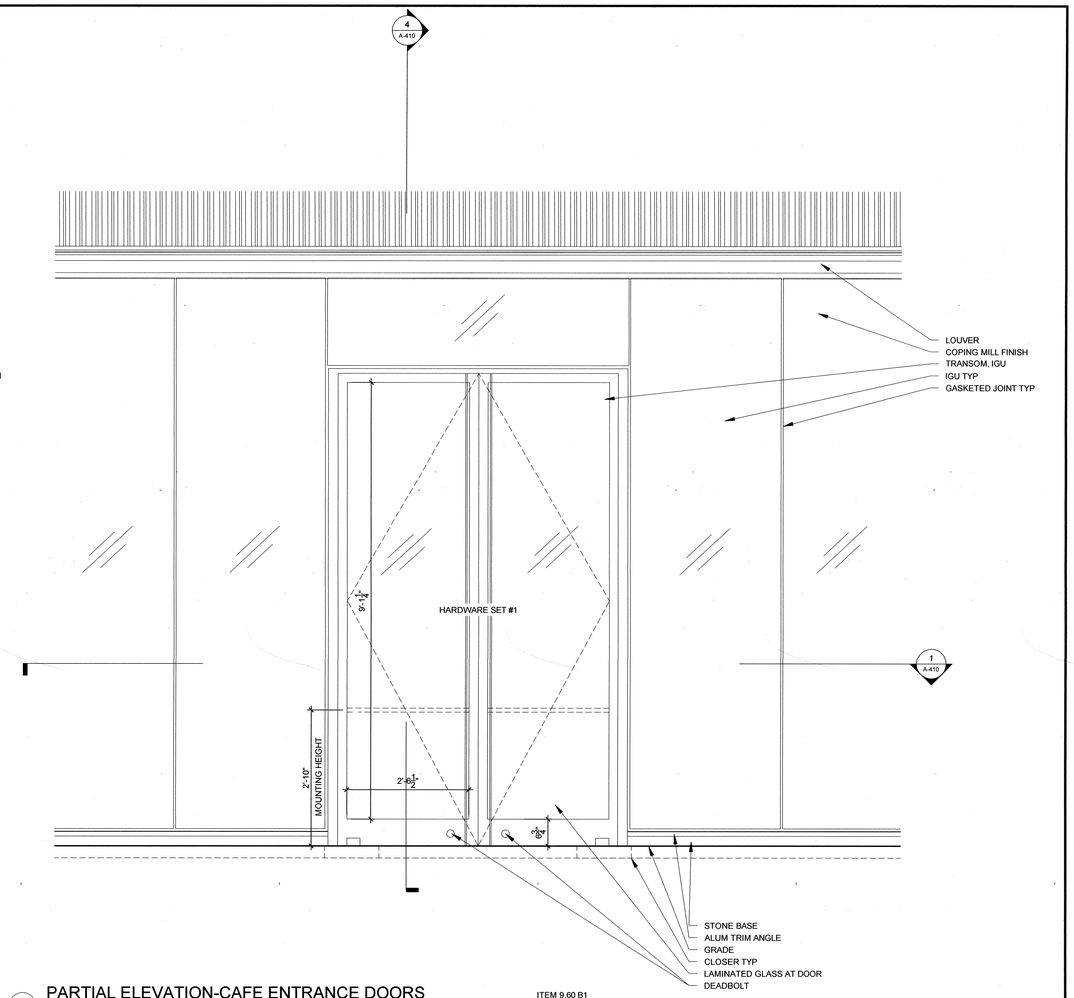
6 DOOR HEAD ITEM 9.60 B1

SCALE: 3" = 1'-0"



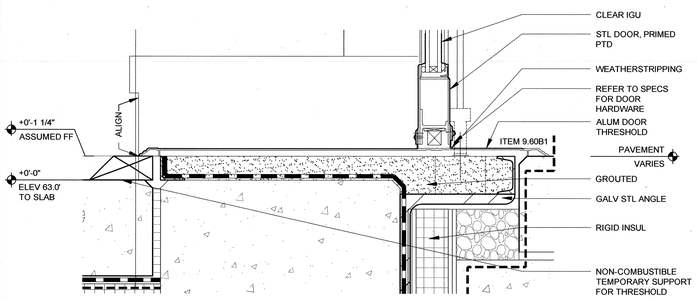
4 WALL SECTION

SCALE: 3/4" = 1'-0"



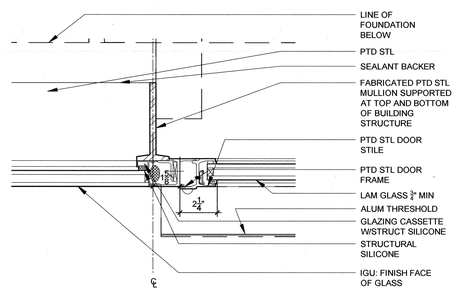
2 PARTIAL ELEVATION-CAFE ENTRANCE DOORS ITEM 9.60 B1

SCALE: 3/4" = 1'-0"



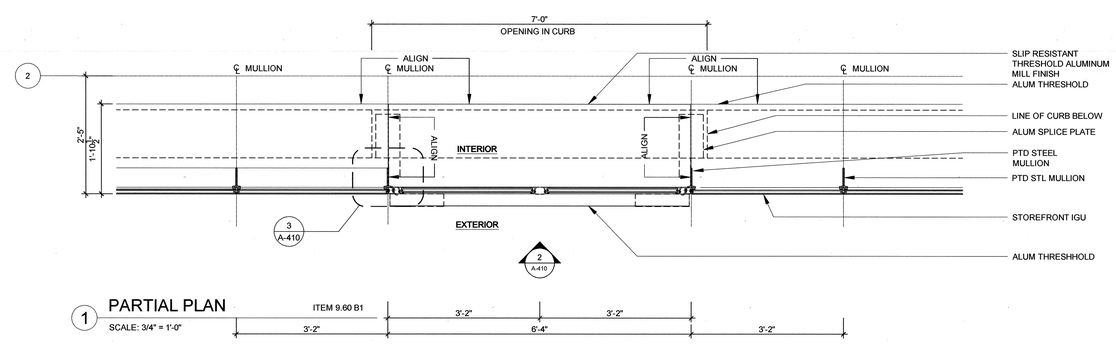
5 THRESHOLD

SCALE: 3" = 1'-0"



3 PLAN DETAIL ITEM 9.60 B1

SCALE: 3" = 1'-0"



1 PARTIAL PLAN ITEM 9.60 B1

SCALE: 3/4" = 1'-0"

NO.	DATE	DESCRIPTIONS	BY	APPR'D

REVISIONS

TOPOGRAPHIC SURVEY PREPARED BY:

LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES

LICENSED LAND SURVEYOR

FINAL DESIGN PREPARED BY:

GRIMSHAW ARCHITECTS, PC

REGISTERED ARCHITECT MARK DAVID HUSSEY 032400 STATE OF NEW YORK

DRAWN JRS

CHECKED NDH

SCALE AS NOTED

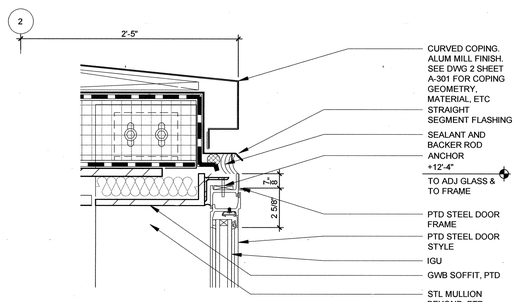
CITY OF NEW YORK
DEPARTMENT OF DESIGN + CONSTRUCTION
DIVISION OF INFRASTRUCTURE
BUREAU OF DESIGN

DOOR DETAILS 1

FORDHAM PLAZA
BOROUGH OF THE BRONX

PROJECT ID: HWXFPLZA | DATE: 02/14/2014 | SHEET: 041 OF 140 | NO.: A-410

CONSULTANT DESIGN



6 DOOR HEAD ITEM 9.60 B1

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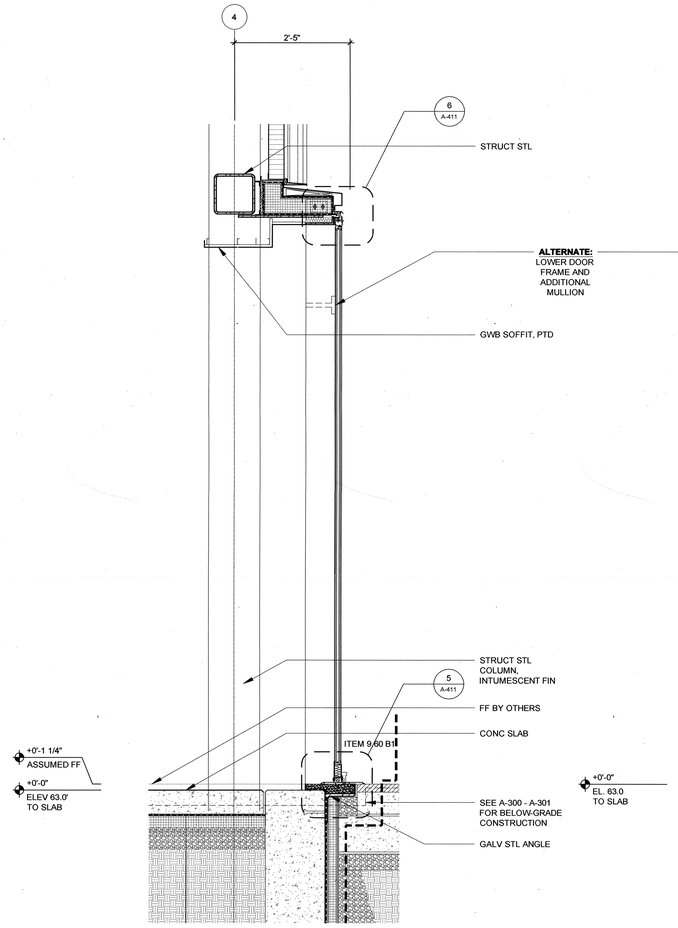
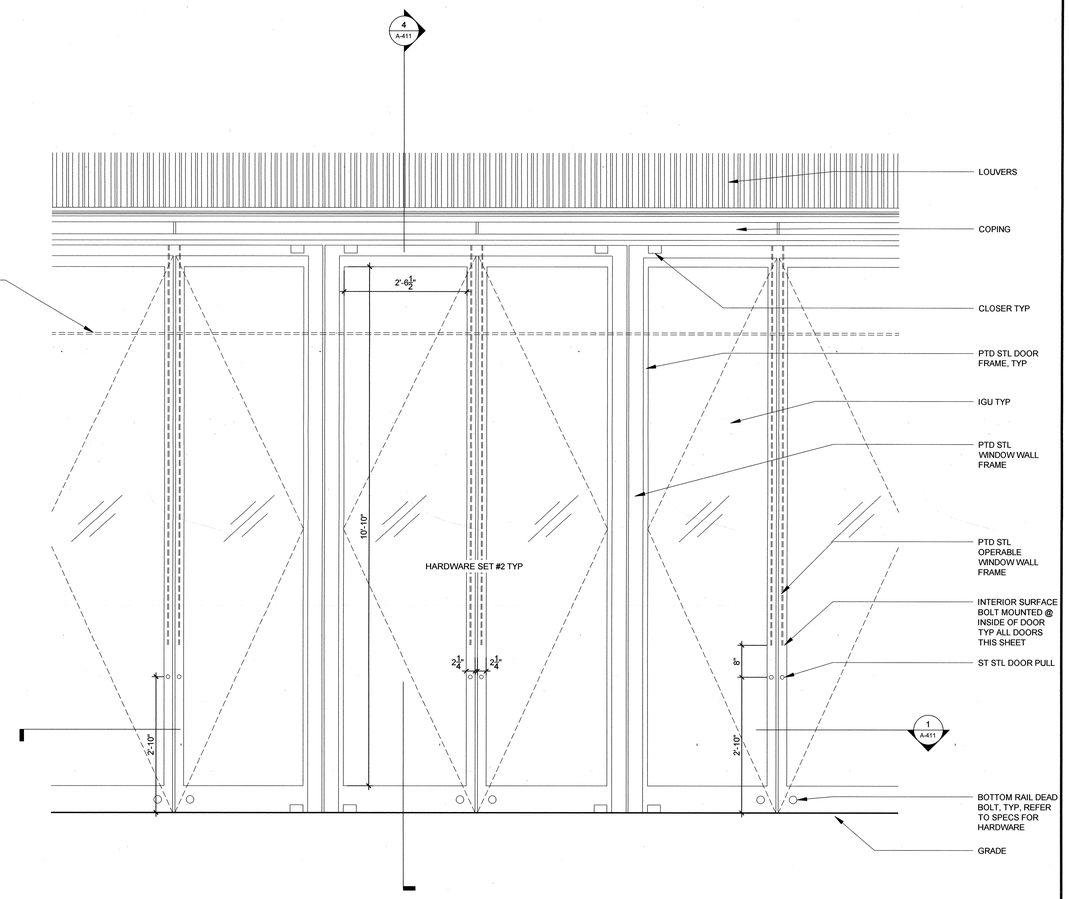


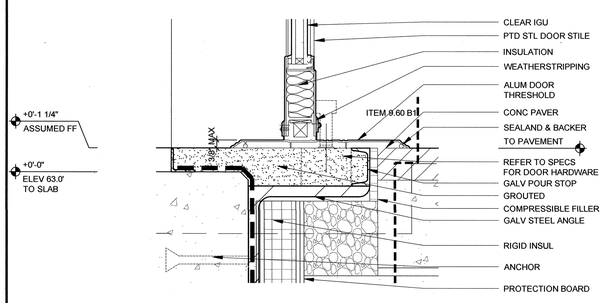
4 WALL SECTION

SCALE: 3/4" = 1'-0"



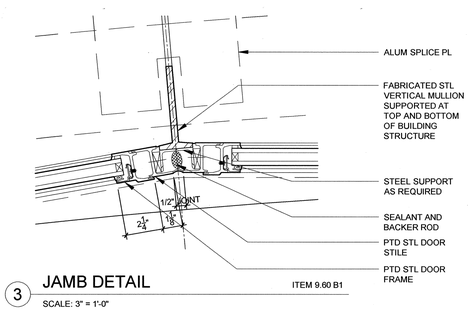
2 ELEVATION - PATIO DOORS ITEM 9.60 B1

SCALE: 3/4" = 1'-0"



5 THRESHOLD

SCALE: 3" = 1'-0"



3 JAMB DETAIL ITEM 9.60 B1

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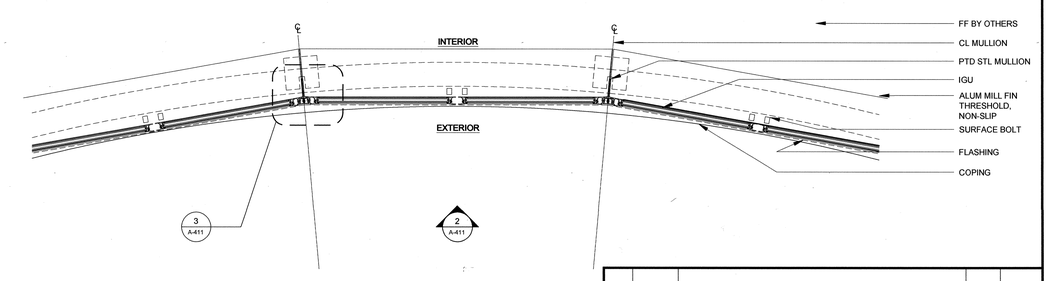


1 PARTIAL PLAN ITEM 9.60 B1

SCALE: 3/4" = 1'-0"

NO.	DATE	DESCRIPTIONS	BY	APPR'D

REVISIONS

TOPOGRAPHIC SURVEY PREPARED BY:

LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES

LICENSED LAND SURVEYOR

FINAL DESIGN PREPARED BY:

GRIMSHAW ARCHITECTS, PC

REGISTERED ARCHITECT MARK DAVID HUBER 032404 STATE OF NEW YORK

DRAWN JSK

CHECKED NDH

SCALE AS NOTED

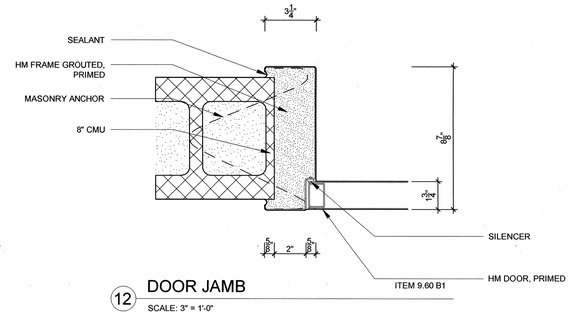
CITY OF NEW YORK
DEPARTMENT OF DESIGN + CONSTRUCTION
DIVISION OF INFRASTRUCTURE
BUREAU OF DESIGN

DOORS DETAILS 2

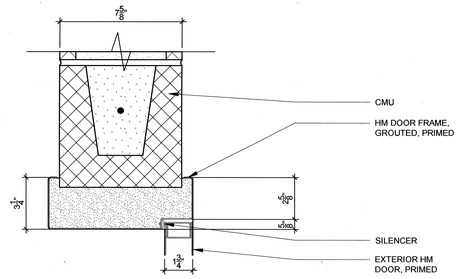
FORDHAM PLAZA
BOROUGH OF THE BRONX

PROJECT ID: HWXFPLZA	DATE: 02/14/2014	SHEET: 042 OF 140	NO.: A-411

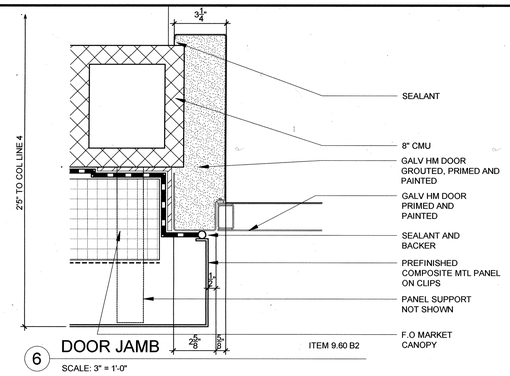
CONSULTANT DESIGN



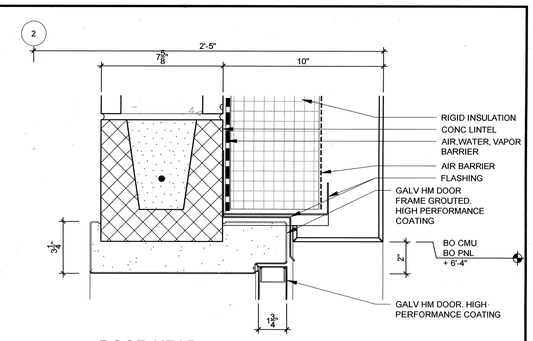
12 DOOR JAMB
SCALE: 3" = 1'-0"



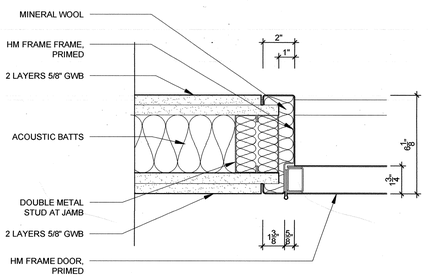
9 DOOR HEAD
SCALE: 3" = 1'-0"
ITEM 9.60 B1



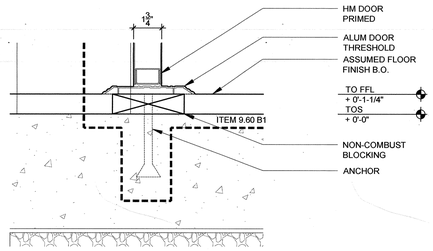
6 DOOR JAMB
SCALE: 3" = 1'-0"
ITEM 9.60 B2



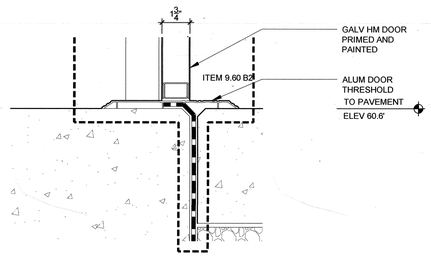
3 DOOR HEAD
SCALE: 3" = 1'-0"
ITEM 9.60 B2



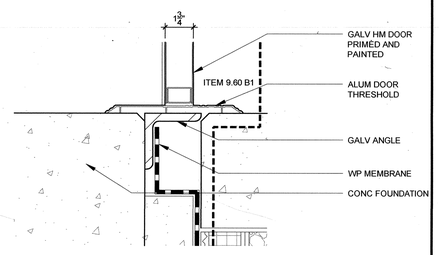
11 DOOR JAMB
SCALE: 3" = 1'-0"
ITEM 9.60 B1



8 DOOR SADDLE
SCALE: 3" = 1'-0"



5 DOOR SADDLE
SCALE: 3" = 1'-0"

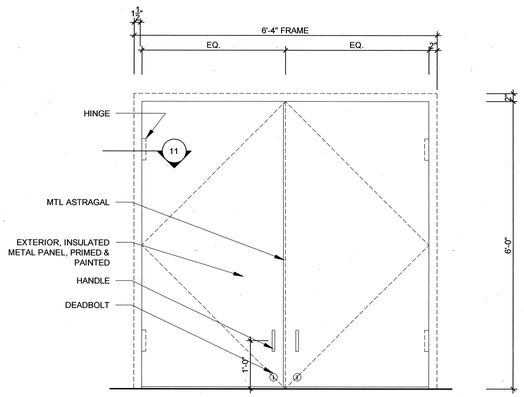


2 DOOR SADDLE
SCALE: 3" = 1'-0"

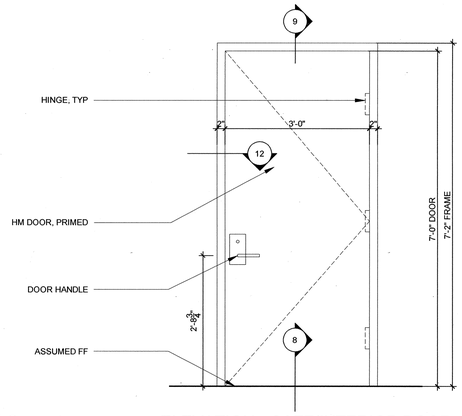
HARDWARE SET #10

HARWARE SETS FOR CAFE INTERIOR DOORS

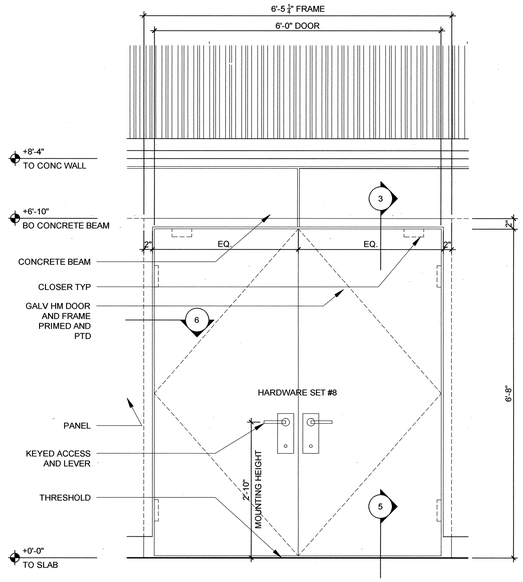
ROOM #	ROOM NAME	HARDWARE SET #
102	KITCHEN	HARDWARE SET #7
103	MEP	HARDWARE SET #4
105	TRASH	HARDWARE SET #4
107	ELECTRICAL	HARDWARE SET #9
108	STORAGE	HARDWARE SET #4
109	WC1	HARDWARE SET #3
110	WC2	HARDWARE SET #3



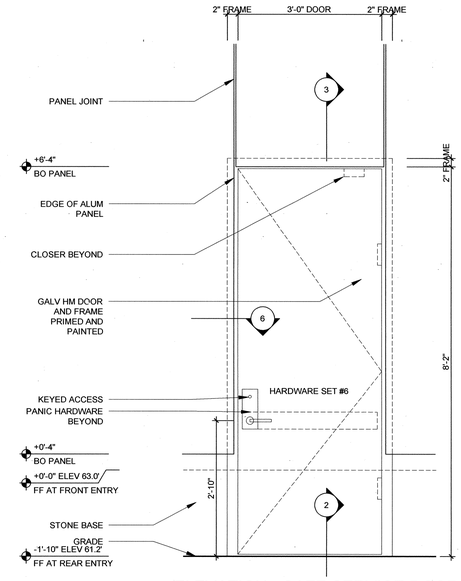
10 ELEVATION - CAFE EQUIP. PLATFORM ACCESS PANELS
SCALE: 3/4" = 1'-0"
ITEM 9.60 B1



7 ELEVATION - CAFE INTERIOR DOOR
SCALE: 3/4" = 1'-0"
ITEM 9.60 B1



4 ELEVATION - MARKET SHED DOORS
SCALE: 3/4" = 1'-0"
ITEM 9.60 B2



1 ELEVATION - CAFE SERVICE DOOR
SCALE: 3/4" = 1'-0"
ITEM 9.60 B1

NO.	DATE	DESCRIPTIONS	BY	APPR'D
		REVISIONS		

TOPOGRAPHIC SURVEY PREPARED BY:
LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES
LICENSED LAND SURVEYOR

FINAL DESIGN PREPARED BY:
GRIMSHAW ARCHITECTS, PC

REGISTERED ARCHITECT MARK DAVID HUMPHREY 032405 STATE OF NEW YORK

DRAWN JSK
CHECKED NDH

SCALE
AS NOTED

CITY OF NEW YORK
DEPARTMENT OF DESIGN + CONSTRUCTION
DIVISION OF INFRASTRUCTURE
BUREAU OF DESIGN

DOORS DETAILS 3

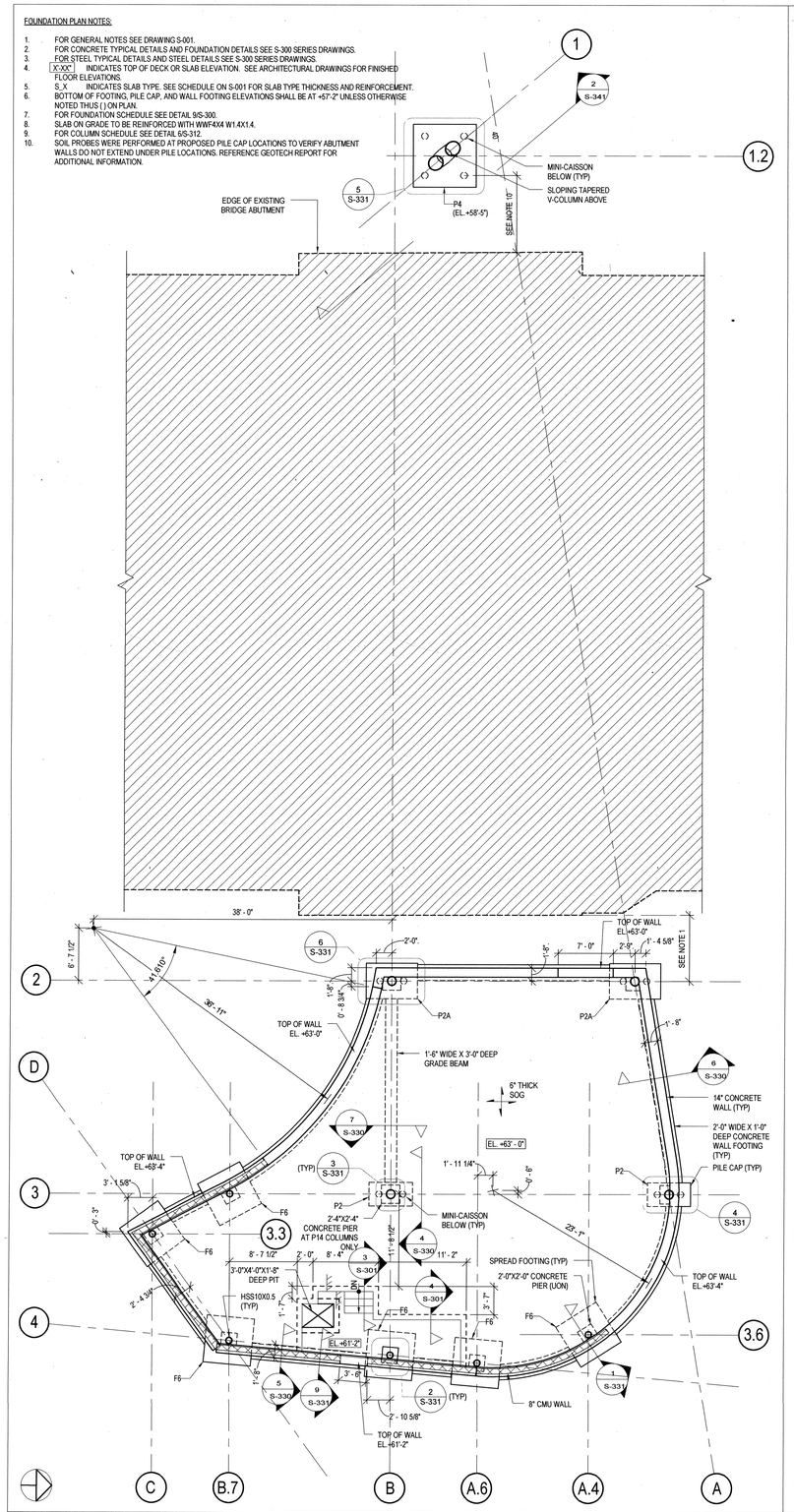
FORDHAM PLAZA
BOROUGH OF THE BRONX

PROJECT ID: HWXFPLZA	DATE: 02/14/2014	SHEET: 043 OF 140	NO.: A-412

CONSULTANT DESIGN

FOUNDATION PLAN NOTES:

1. FOR GENERAL NOTES SEE DRAWING S-001.
2. FOR CONCRETE TYPICAL DETAILS AND FOUNDATION DETAILS SEE S-300 SERIES DRAWINGS.
3. FOR STEEL TYPICAL DETAILS AND STEEL DETAILS SEE S-300 SERIES DRAWINGS.
4. X'-XX" INDICATES TOP OF DECK OR SLAB ELEVATION. SEE ARCHITECTURAL DRAWINGS FOR FINISHED FLOOR ELEVATIONS.
5. S_X INDICATES SLAB TYPE. SEE SCHEDULE ON S-001 FOR SLAB TYPE THICKNESS AND REINFORCEMENT.
6. BOTTOM OF FOOTING, PILE CAP, AND WALL FOOTING ELEVATIONS SHALL BE AT +57'-2" UNLESS OTHERWISE NOTED THUS ( ) ON PLAN.
7. FOR FOUNDATION SCHEDULE SEE DETAIL 9/S-300.
8. SLAB ON GRADE TO BE REINFORCED WITH WWF4X4 W1.4X1.4.
9. FOR COLUMN SCHEDULE SEE DETAIL 6/S-312.
10. SOIL PROBES WERE PERFORMED AT PROPOSED PILE CAP LOCATIONS TO VERIFY ABUTMENT WALLS DO NOT EXTEND UNDER PILE LOCATIONS. REFERENCE GEOTECH REPORT FOR ADDITIONAL INFORMATION.

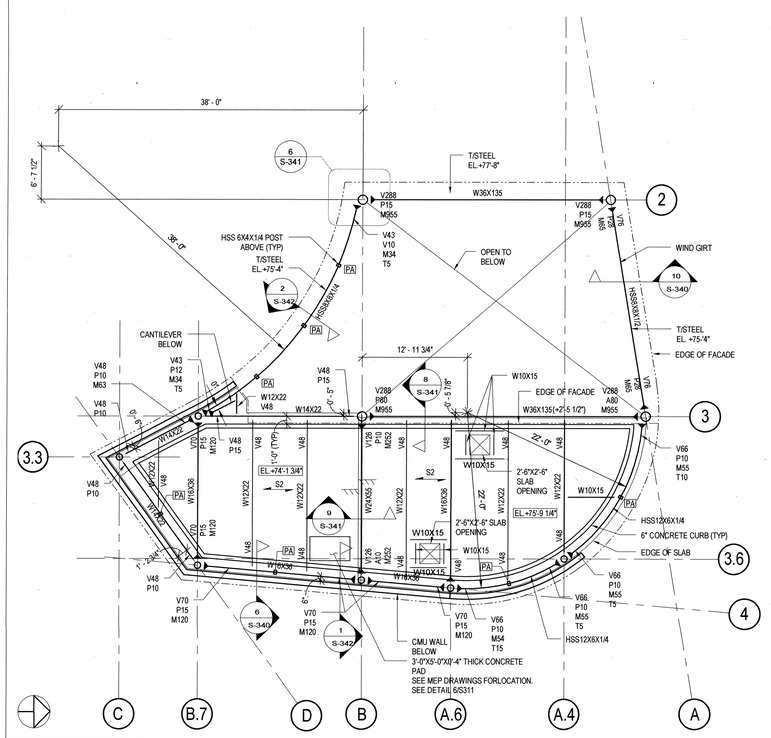


1 CAFE CANOPY FOUNDATION PLAN

SCALE 1/8" = 1'-0"

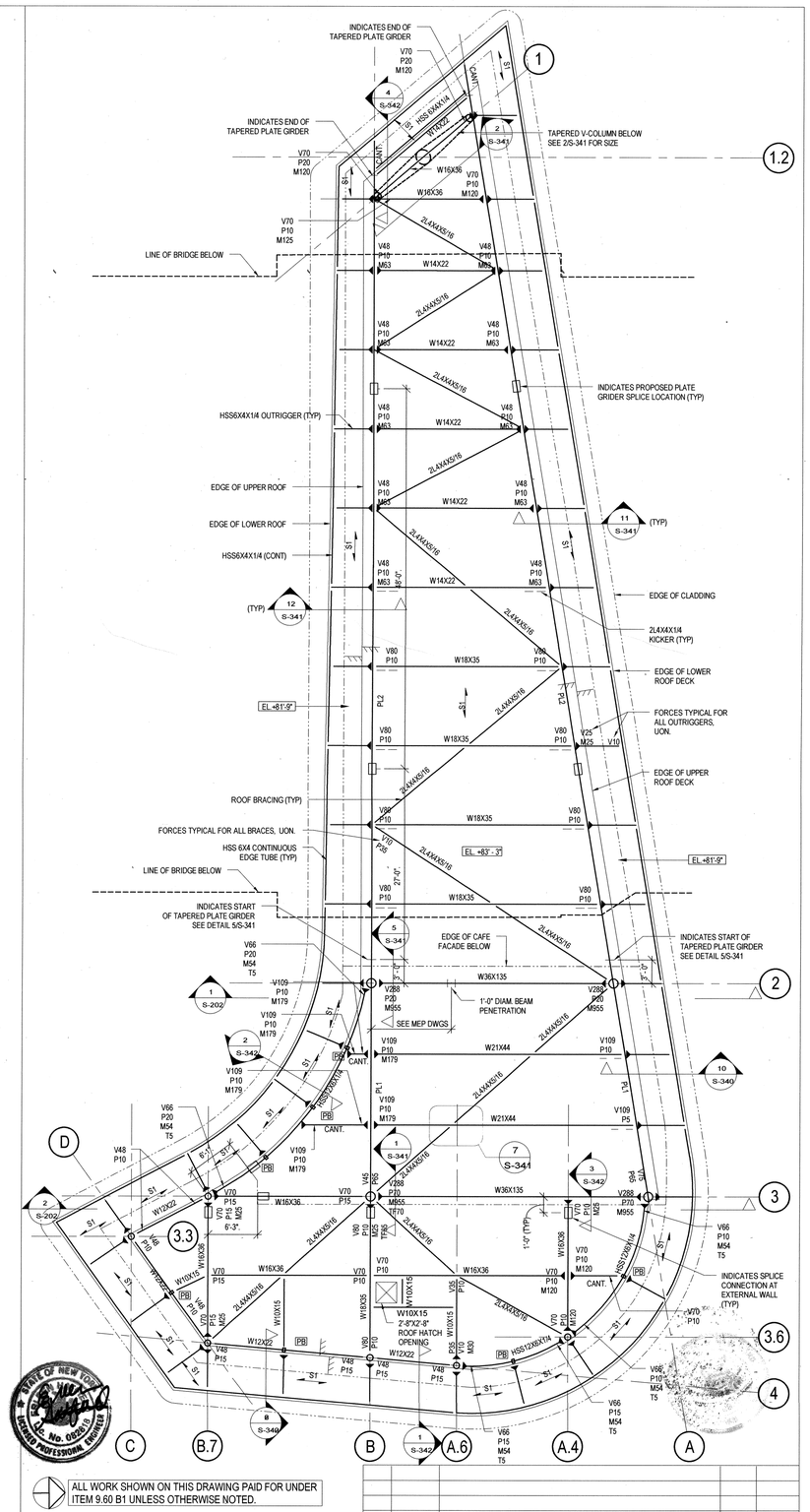
FRAMING PLAN NOTES:

1. FOR GENERAL NOTES SEE DRAWING S-001.
2. FOR CONCRETE TYPICAL DETAILS AND FOUNDATION DETAILS SEE S-300 SERIES DRAWINGS.
3. FOR STEEL TYPICAL DETAILS AND STEEL DETAILS SEE S-300 SERIES DRAWINGS.
4. X'-XX" INDICATES TOP OF DECK OR SLAB ELEVATION. SEE ARCHITECTURAL DRAWINGS FOR FINISHED FLOOR ELEVATIONS.
5. S_X INDICATES SLAB TYPE. SEE SCHEDULE ON S-001 FOR SLAB TYPE THICKNESS AND REINFORCEMENT.
6. TOP OF STEEL FRAMING SHALL BE LOCATED BELOW TOP OF ROOF DECK OR STRUCTURAL SLAB UNLESS OTHERWISE NOTED THUS ( ) ON PLAN.
7. CENTERLINE OF STEEL FRAMING BEAMS TO THE EDGE OF STRUCTURAL DECK OR SLAB SHALL BE 6" UNLESS OTHERWISE NOTED ON PLAN.
8. UNLESS INDICATED OTHERWISE ALL STEEL BEAMS SUPPORTING CONCRETE SLABS SHALL HAVE A MINIMUM SHEAR STUD SPACING OF 1 STUD PER FOOT. BEAMS THAT DO NOT HAVE STUDS INDICATED ON PLANS SHALL MEET THIS REQUIREMENT.
9. FOR PLATE GIRDER DIMENSIONS SEE DETAIL 9/S-340. PLATE GIRDERS INDICATED AS PL_X ON PLAN.
10. FOR COLUMN SCHEDULE SEE DETAIL 6/S-312.



2 CAFE MECH. BULKHEAD FRAMING PLAN

SCALE 1/8" = 1'-0"



ALL WORK SHOWN ON THIS DRAWING PAID FOR UNDER ITEM 9.60 B1 UNLESS OTHERWISE NOTED.

3 CAFE ROOF FRAMING PLAN

SCALE 1/8" = 1'-0"

NO.	DATE	DESCRIPTIONS	BY	APPR'D
		REVISIONS		

TOPOGRAPHIC SURVEY PREPARED BY:

LANGAN ENGINEERIGN AND ENVIRONMENTAL SERVICES

LICENSED LAND SURVEYOR

FINAL DESIGN PREPARED BY:

BURO HAPPOLD NY

CHECKED JT

SCALE: As indicated

CITY OF NEW YORK
DEPARTMENT OF DESIGN + CONSTRUCTION
DIVISION OF INFRASTRUCTURE
BUREAU OF DESIGN

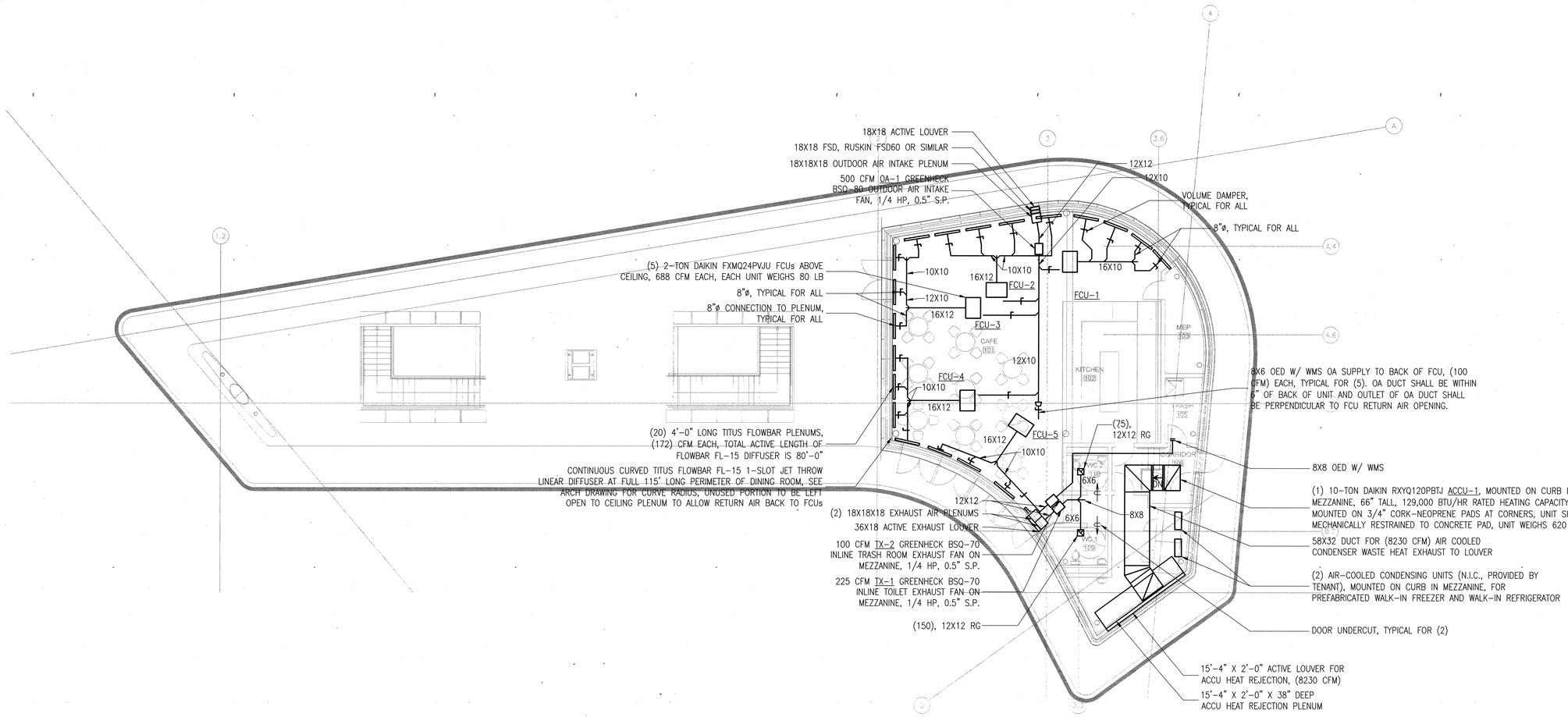
CAFE CANOPY FOUNDATION AND ROOF FRAMING PLAN

FORDHAM PLAZA

BOROUGH OF BRONX

PROJECT ID: HWXFPLZA | DATE: 2/14/2014 | SHEET 067 OF 140 | S-103

CONSULTANT DESIGN



NO.	DATE	DESCRIPTIONS	BY	APPR'D

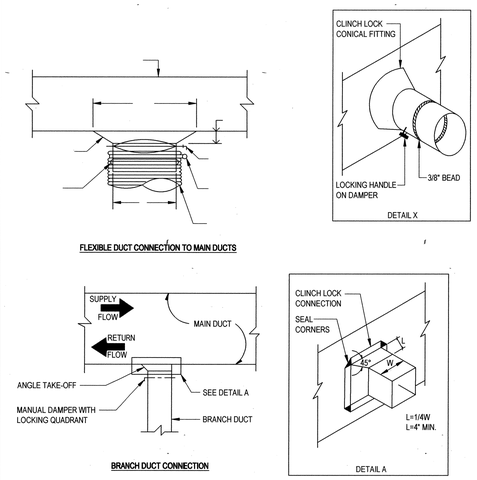
REVISIONS

TOPOGRAPHIC SURVEY PREPARED BY: *LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES* LICENSED LAND SURVEYOR	FINAL DESIGN PREPARED BY: BURO HAPPOLD NY	CHECKED	SCALE 1/8" = 1'	CITY OF NEW YORK DEPARTMENT OF DESIGN + CONSTRUCTION DIVISION OF INFRASTRUCTURE BUREAU OF DESIGN	MECHANICAL FLOOR PLAN CAFE BUILDING

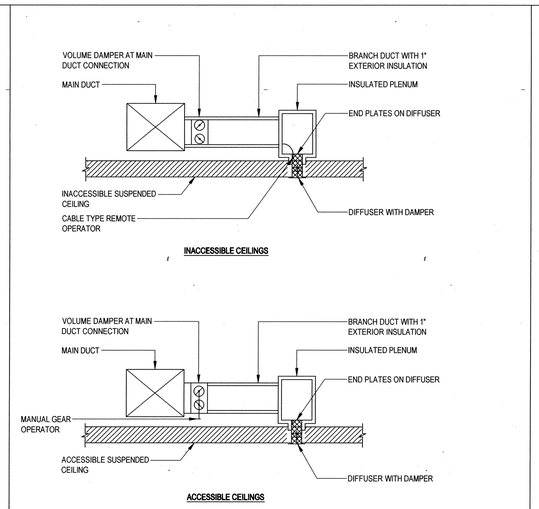
FORDHAM PLAZA
BOROUGH OF THE BRONX

PROJECT ID: HWXFPLZA	DATE: 02/14/2014	SHEET: 88 OF 140	M-100

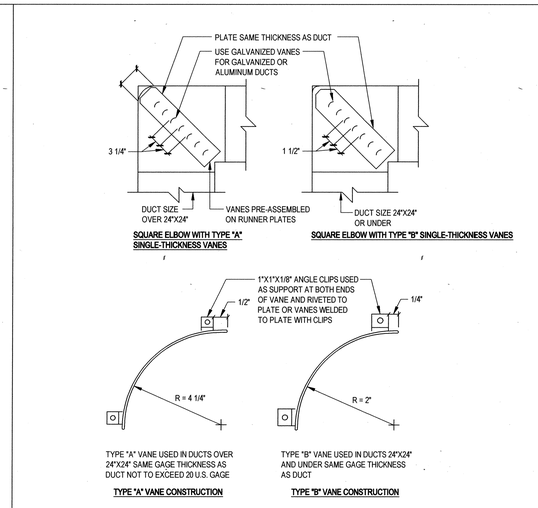
CONSULTANT DESIGN



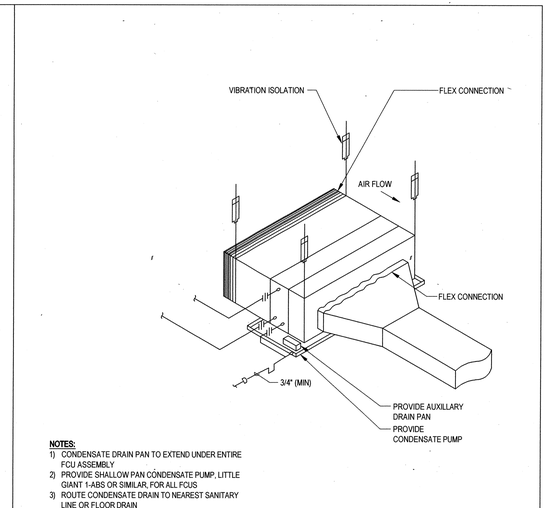
4 LOW PRESSURE BRANCH DUCT CONNECTIONS
SCALE: NOT TO SCALE



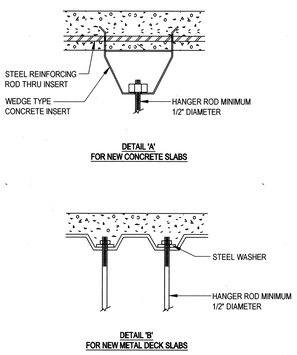
3 LINEAR AIR OUTLET CONNECTION
SCALE: NOT TO SCALE



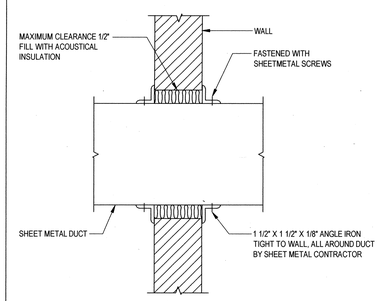
2 TURNING VANE CONSTRUCTION FOR DUCT ELBOWS
SCALE: NOT TO SCALE



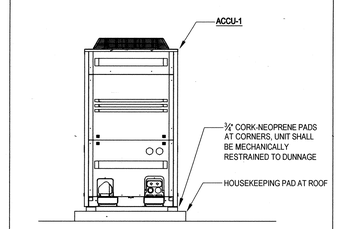
1 HORIZONTAL FAN COIL UNIT
SCALE: NOT TO SCALE



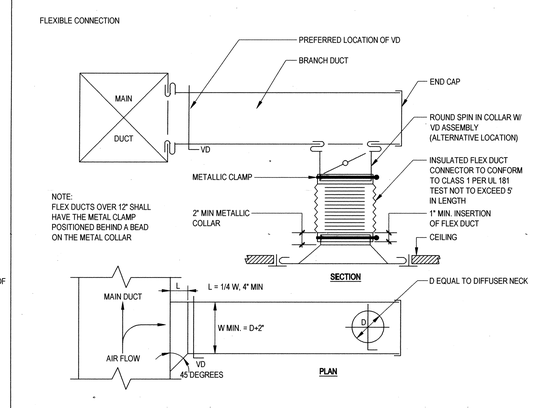
9 STRUCTURE ATTACHMENT
SCALE: NOT TO SCALE



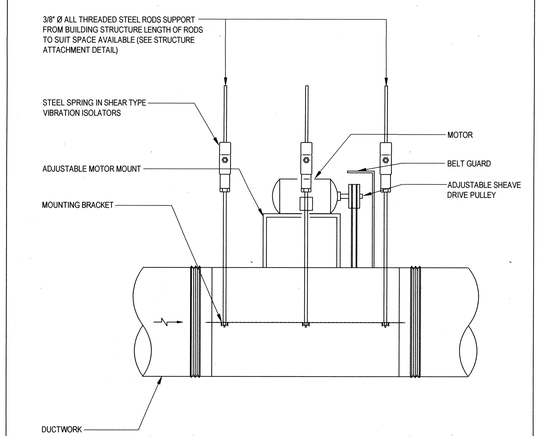
8 DUCT PENETRATION, NON-RATED WALL
SCALE: NOT TO SCALE



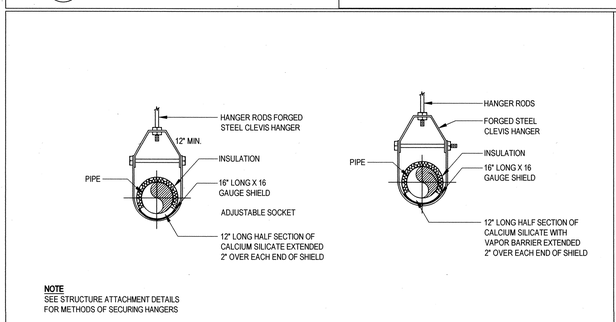
7 OUTDOOR UNIT MOUNTING DETAIL
SCALE: NOT TO SCALE



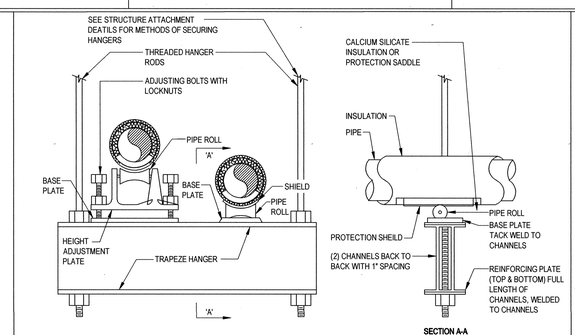
6 CEILING DIFFUSER AND BRANCH DUCT
SCALE: NOT TO SCALE



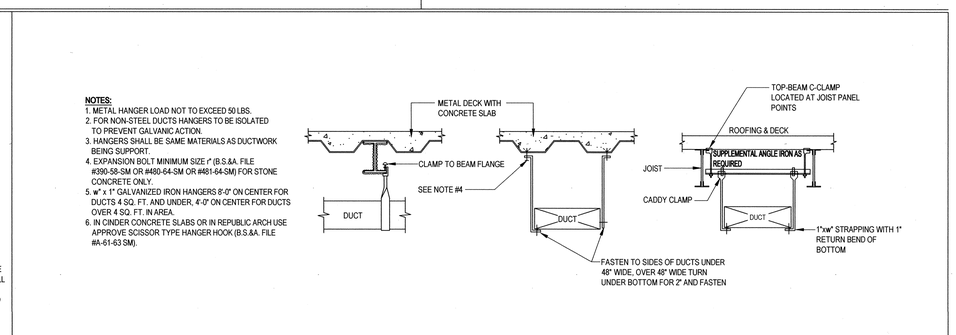
5 CENTRIFUGAL INLINE FAN
SCALE: NOT TO SCALE



12 CLEVIS PIPE HANGER (SINGLE PIPES)
SCALE: NOT TO SCALE



11 TRAPEZE PIPE HANGER (MULTIPLE PIPES)
SCALE: NOT TO SCALE

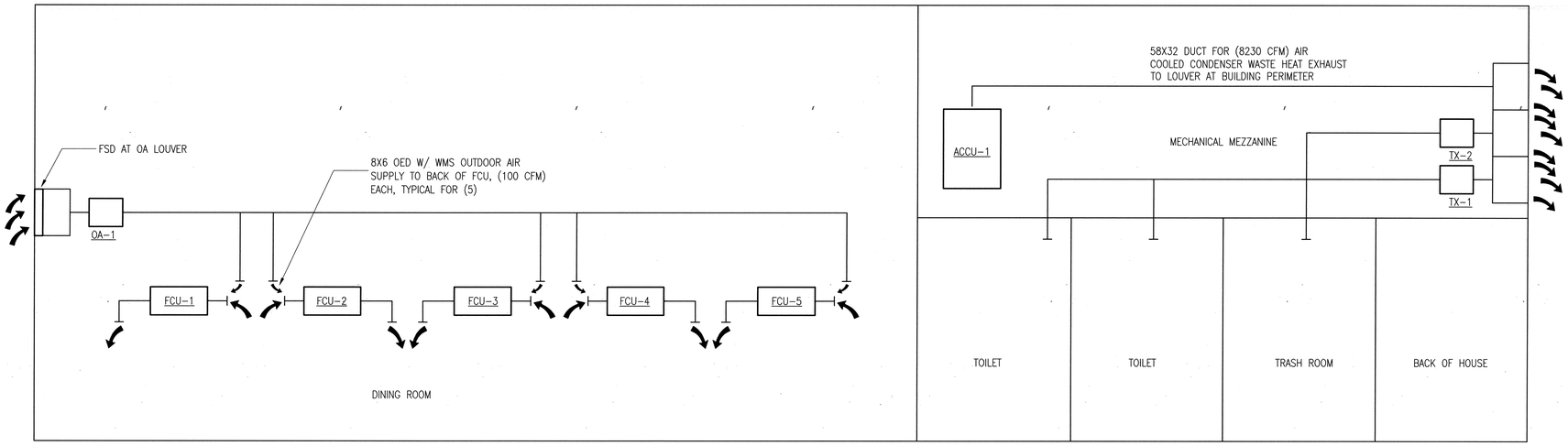


10 TYPICAL DUCT HANGING DETAILS
SCALE: NOT TO SCALE

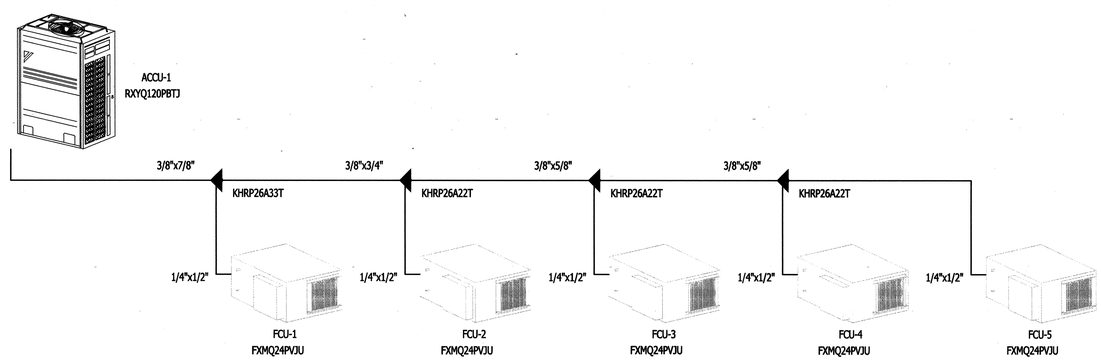
NO.	DATE	DESCRIPTIONS	BY	APPR'D
		REVISIONS		

TOPOGRAPHIC SURVEY PREPARED BY: *LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES* LICENSED LAND SURVEYOR	FINAL DESIGN PREPARED BY: BURO HAPPOLD NY	CHECKED	SCALE	CITY OF NEW YORK DEPARTMENT OF DESIGN + CONSTRUCTION DIVISION OF INFRASTRUCTURE BUREAU OF DESIGN	MECHANICAL DETAILS	FORDHAM PLAZA BOROUGH OF THE BRONX
					PROJECT ID: HWXFPLZA	DATE: 02/14/2014 · SHEET: 89 OF 140 · M-500

CONSULTANT DESIGN



AIRSIDE RISER DIAGRAM



REFRIGERANT RISER DIAGRAM

ENGINEERS' NOTES:

1) CONTRACTOR TO VERIFY REFRIGERANT LIQUID AND SUCTION LINE SIZES WITH HEAT PUMP SYSTEM MANUFACTURER PRIOR TO INSTALLATION. LIQUID AND SUCTION LINE SIZING SHOWN ON DESIGN DRAWINGS IS FOR PRICING ONLY. HEAT PUMP MANUFACTURER TO SUBMIT REFRIGERANT PIPING LAYOUT FOR ENGINEER'S REVIEW AND APPROVAL.

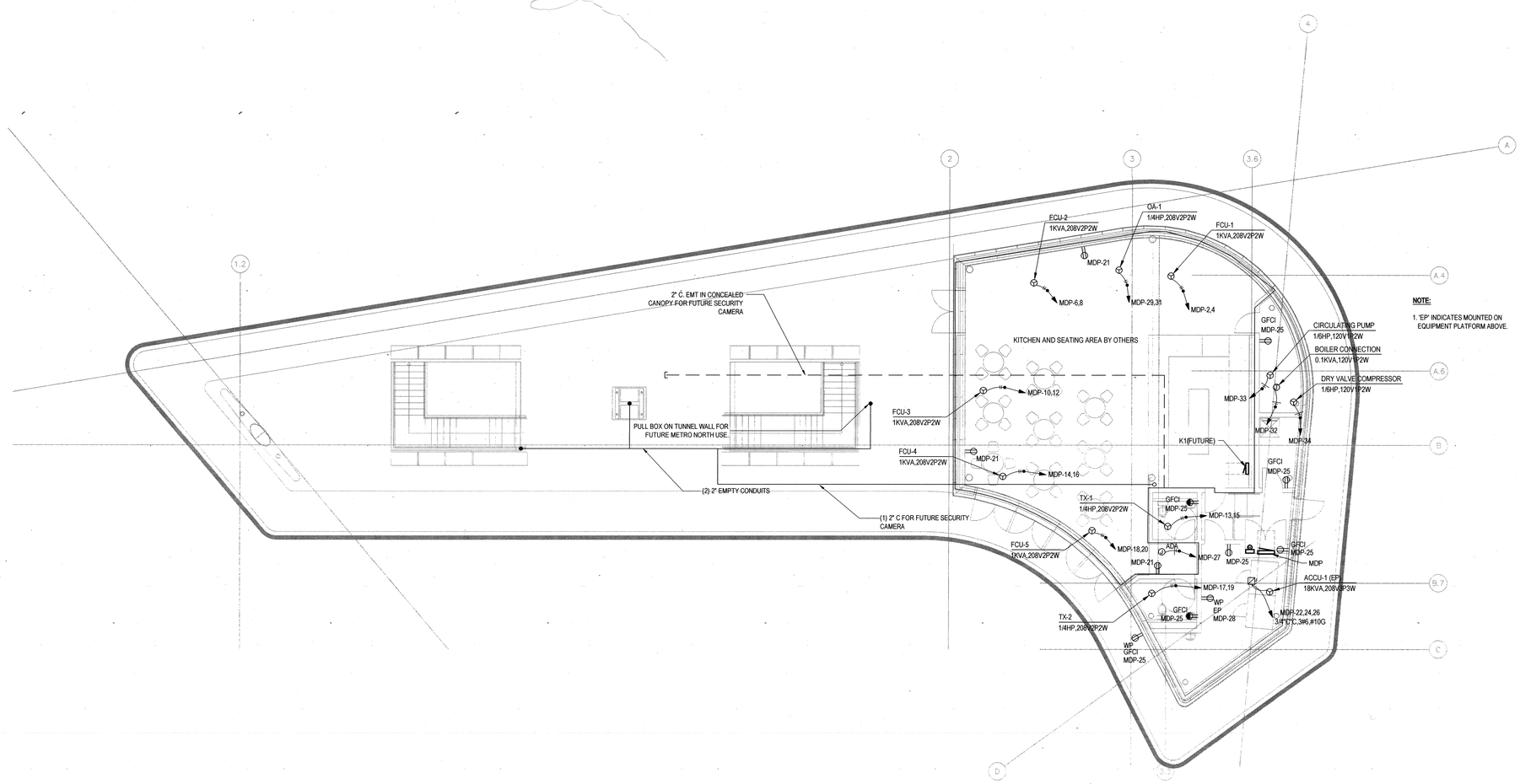
2) REFRIGERATION PIPING SHALL BE TYPE "L" COPPER TUBING OF THE SIZE RECOMMENDED BY THE MANUFACTURER OF THE EQUIPMENT INSTALLED. ALL NEW REFRIGERATION PIPING SHALL BE TESTED AS PER THE MANUFACTURER'S REQUIREMENTS.

NO.	DATE	DESCRIPTIONS	BY	APPR'D

REVISIONS

TOPOGRAPHIC SURVEY PREPARED BY: *LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES* LICENSED LAND SURVEYOR	FINAL DESIGN PREPARED BY: BURO HAPPOLD NY	CHECKED	SCALE NTS	CITY OF NEW YORK DEPARTMENT OF DESIGN + CONSTRUCTION DIVISION OF INFRASTRUCTURE BUREAU OF DESIGN	MECHANICAL RISER DIAGRAMS	FORDHAM PLAZA BOROUGH OF THE BRONX PROJECT ID: HWXFPLZA · DATE: 02/14/2014 · SHEET: 90 OF 140 · M-700

CONSULTANT DESIGN



NOTE:

1. 'EP' INDICATES MOUNTED ON EQUIPMENT PLATFORM ABOVE.

NO.	DATE	DESCRIPTIONS	BY	APPR'D

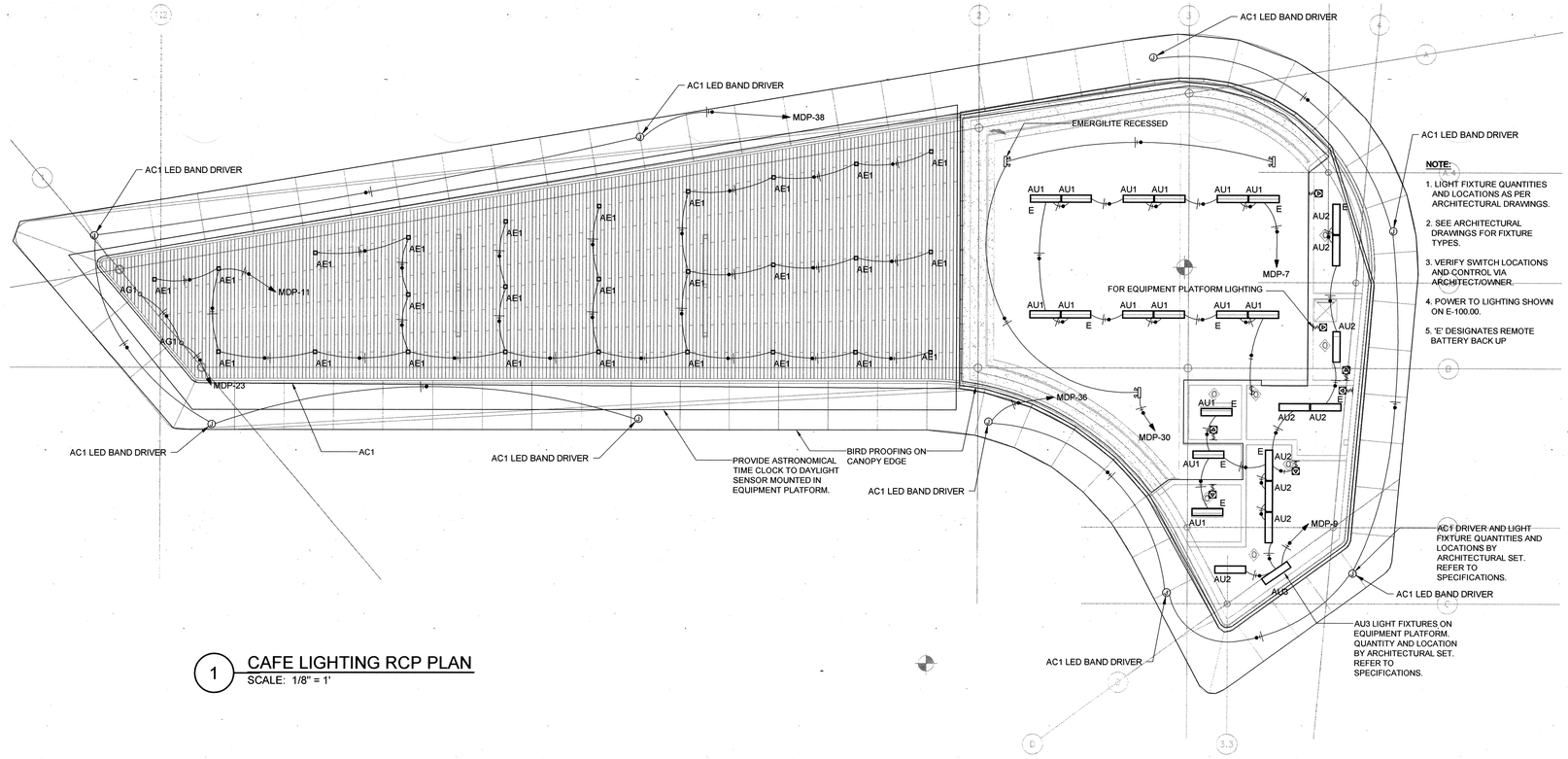
REVISIONS

TOPOGRAPHIC SURVEY PREPARED BY: *LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES* LICENSED LAND SURVEYOR	FINAL DESIGN PREPARED BY: BURO HAPPOLD NY	CHECKED CADD FILE DB	SCALE 1/8" = 1'	CITY OF NEW YORK DEPARTMENT OF DESIGN + CONSTRUCTION DIVISION OF INFRASTRUCTURE BUREAU OF DESIGN	ELECTRICAL POWER FLOOR PLAN CAFE BUILDING

FORDHAM PLAZA
BOROUGH OF THE BRONX

PROJECT ID: HWXFPLZA	DATE: 02/14/2014	SHEET: 93 OF 140	E-100

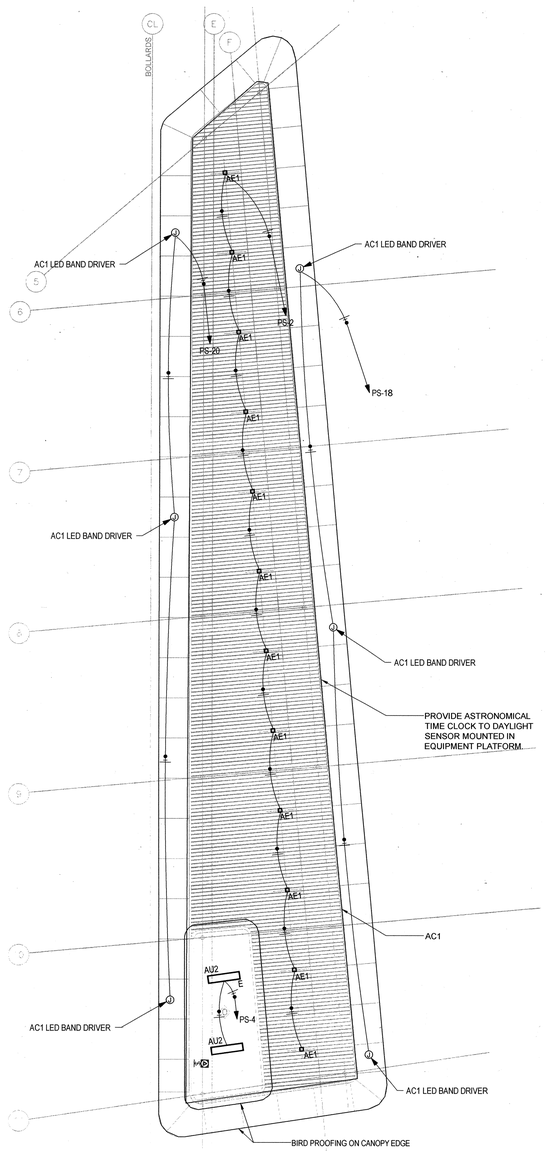
CONSULTANT DESIGN



NOTE:

1. LIGHT FIXTURE QUANTITIES AND LOCATIONS AS PER ARCHITECTURAL DRAWINGS.
2. SEE ARCHITECTURAL DRAWINGS FOR FIXTURE TYPES.
3. VERIFY SWITCH LOCATIONS AND CONTROL VIA ARCHITECT/OWNER.
4. POWER TO LIGHTING SHOWN ON E-100.00.
5. 'E' DESIGNATES REMOTE BATTERY BACK UP

1 CAFE LIGHTING RCP PLAN
SCALE: 1/8" = 1'



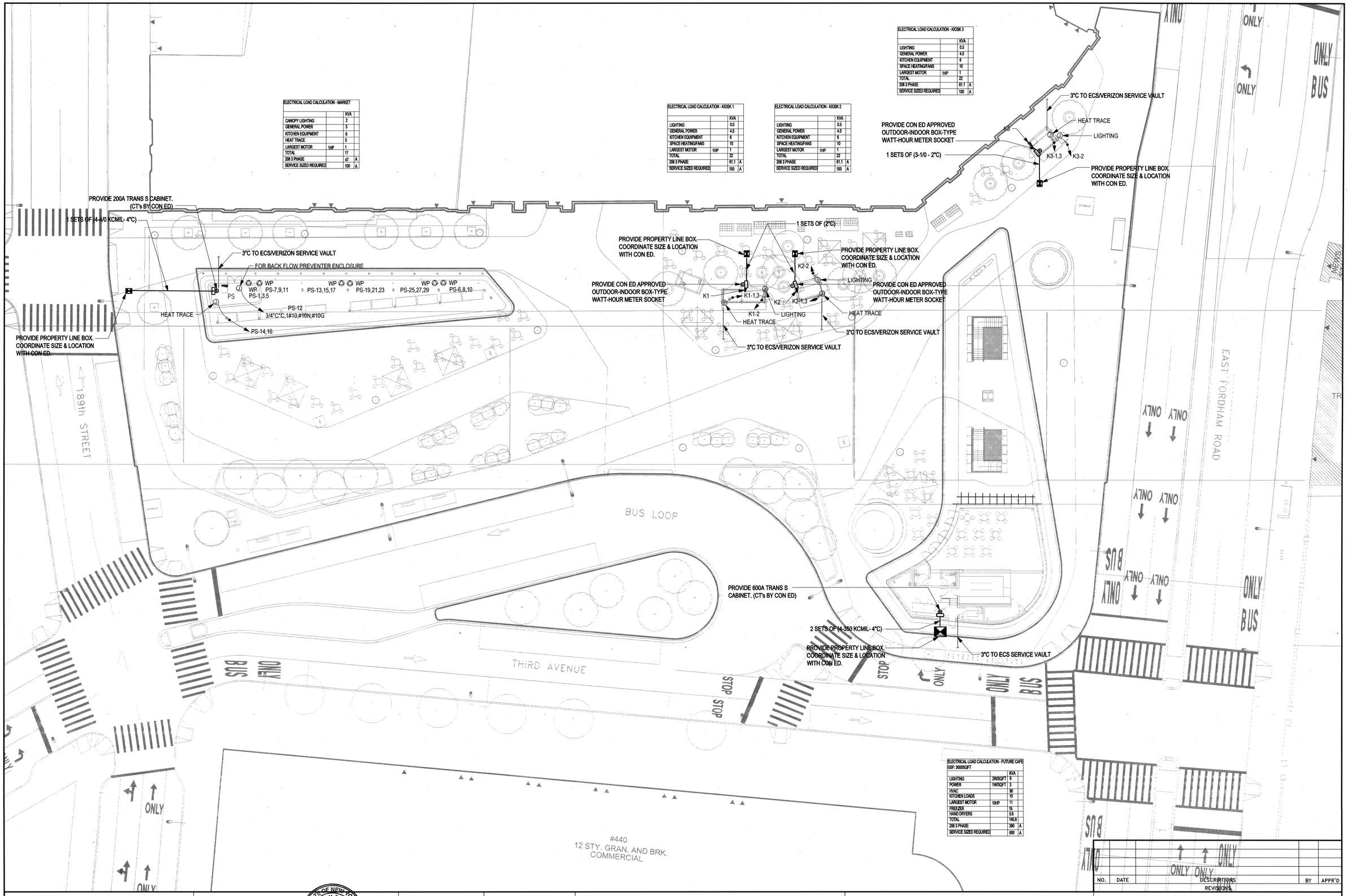
2 MARKET LIGHTING RCP PLAN
SCALE: 1/8" = 1'

NO.	DATE	DESCRIPTIONS	BY	APPR'D

REVISIONS

TOPOGRAPHIC SURVEY PREPARED BY: *LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES* LICENSED LAND SURVEYOR	FINAL DESIGN PREPARED BY: BURO HAPPOLD NY	CHECKED CADD FILE DB	SCALE 1/8" = 1'
CITY OF NEW YORK DEPARTMENT OF DESIGN + CONSTRUCTION DIVISION OF INFRASTRUCTURE BUREAU OF DESIGN	ELECTRICAL LIGHTING PLAN CAFE & MARKET RCP	FORDHAM PLAZA BOROUGH OF THE BRONX	
PROJECT ID: HWXFPLZA	DATE: 02/14/2014	SHEET: 94 OF 140	E-200

CONSULTANT DESIGN



ELECTRICAL LOAD CALCULATION - MARKET

		KVA	
CANOPY LIGHTING		2	
GENERAL POWER		3	
KITCHEN EQUIPMENT		6	
HEAT TRACE		5	
LARGEST MOTOR	1HP	1	
TOTAL		17	
208 3 PHASE		47	A
SERVICE SIZED REQUIRED		100	A

ELECTRICAL LOAD CALCULATION - KIOSK 1

		KVA	
LIGHTING		0.5	
GENERAL POWER		4.5	
KITCHEN EQUIPMENT		6	
SPACE HEATING/FANS		10	
LARGEST MOTOR	1HP	1	
TOTAL		22	
208 3 PHASE		61.1	A
SERVICE SIZED REQUIRED		100	A

ELECTRICAL LOAD CALCULATION - KIOSK 2

		KVA	
LIGHTING		0.5	
GENERAL POWER		4.5	
KITCHEN EQUIPMENT		6	
SPACE HEATING/FANS		10	
LARGEST MOTOR	1HP	1	
TOTAL		22	
208 3 PHASE		61.1	A
SERVICE SIZED REQUIRED		100	A

ELECTRICAL LOAD CALCULATION - KIOSK 3

		KVA	
LIGHTING		0.5	
GENERAL POWER		4.5	
KITCHEN EQUIPMENT		6	
SPACE HEATING/FANS		10	
LARGEST MOTOR	1HP	1	
TOTAL		22	
208 3 PHASE		61.1	A
SERVICE SIZED REQUIRED		100	A

ELECTRICAL LOAD CALCULATION - FUTURE CAFE
GSF: 3000SQFT

		KVA	
LIGHTING	2W/SQFT	6	
POWER	1W/SQFT	3	
HVAC		90	
KITCHEN LOADS		10	
LARGEST MOTOR	10HP	11	
FREEZER		15	
HAND DRYERS		5.6	
TOTAL		140.6	
208 3 PHASE		390	A
SERVICE SIZED REQUIRED		600	A

NO.	DATE	DESCRIPTIONS REVISIONS	BY	APPR'D

TOPOGRAPHIC SURVEY PREPARED BY:
LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES
LICENSED LAND SURVEYOR

FINAL DESIGN PREPARED BY:
BURO HAPPOLD NY

STATE OF NEW YORK · DENNIS M. BURTON · 080930 · LICENSED PROFESSIONAL ENGINEER

CHECKED
CADD FILE DB

SCALE
1/16" = 1'

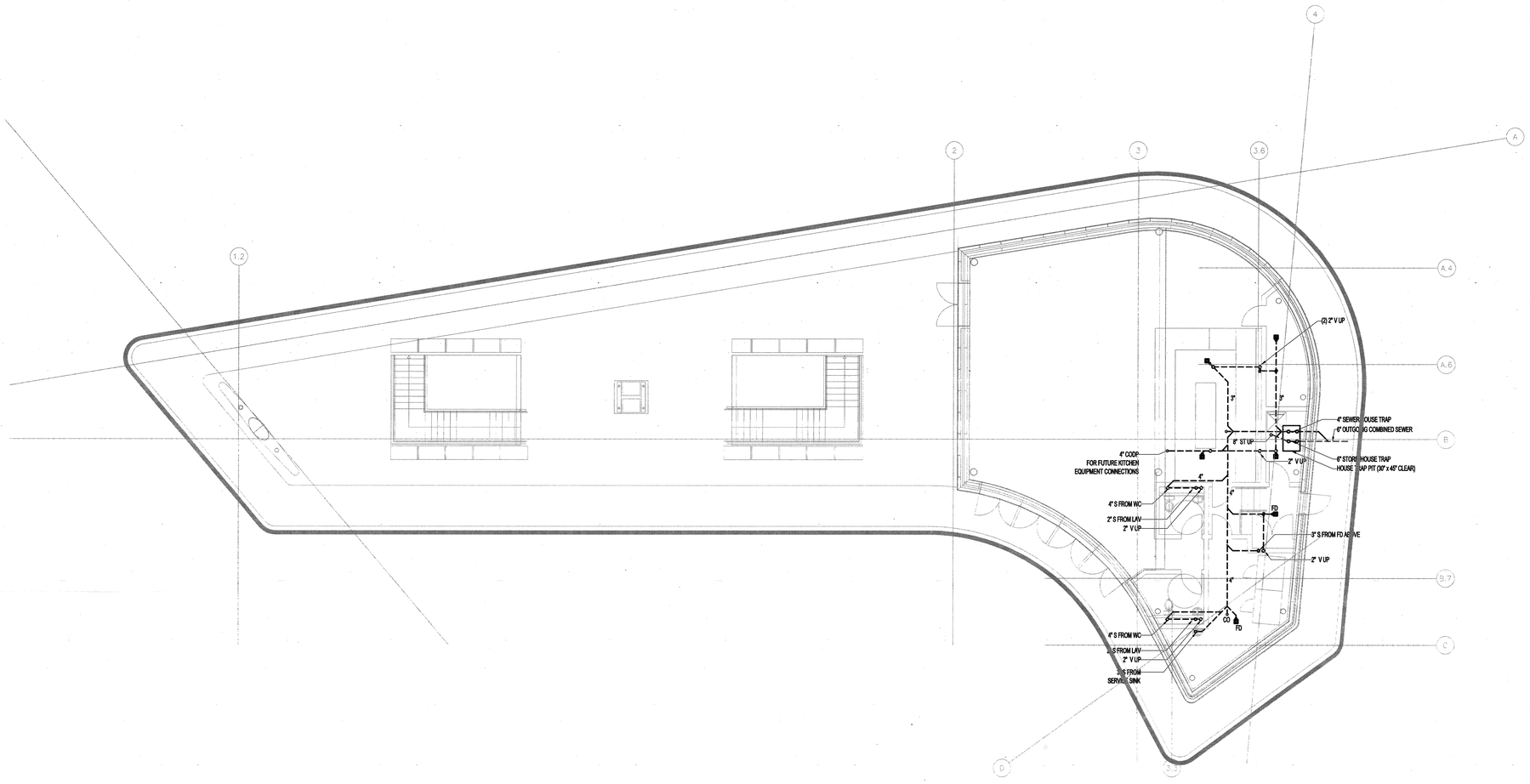
CITY OF NEW YORK
DEPARTMENT OF DESIGN + CONSTRUCTION
DIVISION OF INFRASTRUCTURE
BUREAU OF DESIGN

ELECTRICAL POWER SITE PLAN
GROUND FLOOR

FORDHAM PLAZA
BOROUGH OF THE BRONX

PROJECT ID: HWXFPLZA | DATE: 02/14/2014 | SHEET: 99 OF 140 | E-900

CONSULTANT DESIGN



NO.	DATE	DESCRIPTIONS	BY	APPR'D

REVISIONS

TOPOGRAPHIC SURVEY PREPARED BY:
LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES
LICENSED LAND SURVEYOR

FINAL DESIGN PREPARED BY:
BURO HAPPOLD NY

STATE OF NEW YORK · DENNIS M. BURTON · 086930 · LICENSED PROFESSIONAL ENGINEER

RM
CHECKED MHG
CADD FILE

SCALE
1/8" = 1'

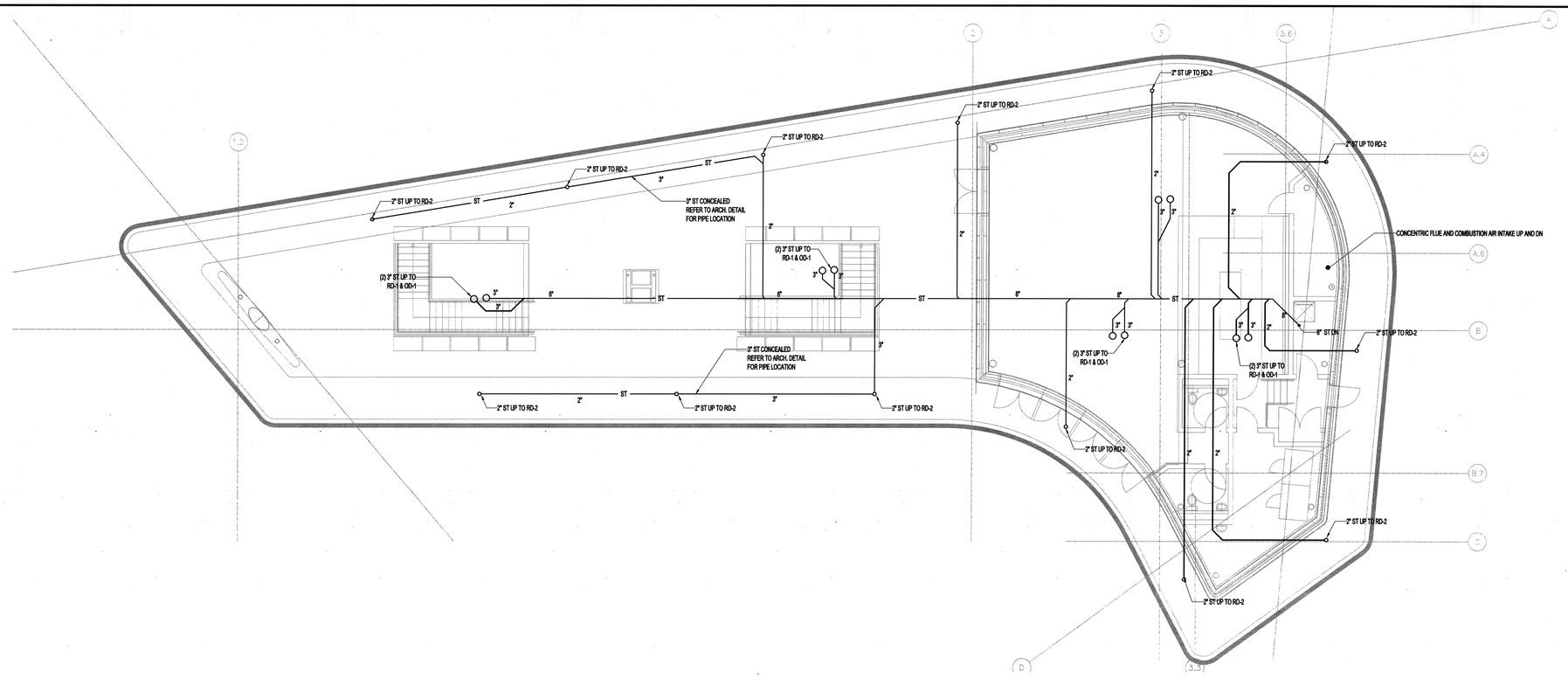
CITY OF NEW YORK
DEPARTMENT OF DESIGN + CONSTRUCTION
DIVISION OF INFRASTRUCTURE
BUREAU OF DESIGN

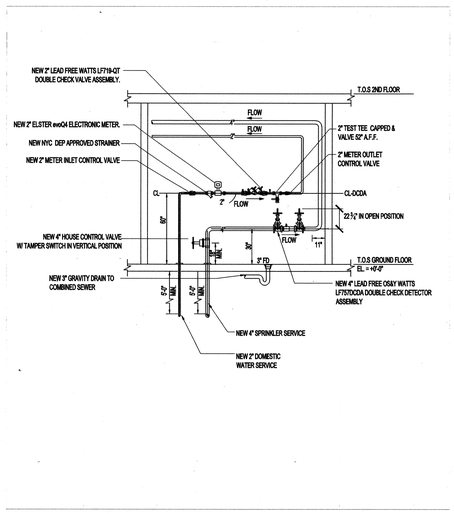
PLUMBING UNDERSLAB FLOOR PLAN
CAFE BUILDING

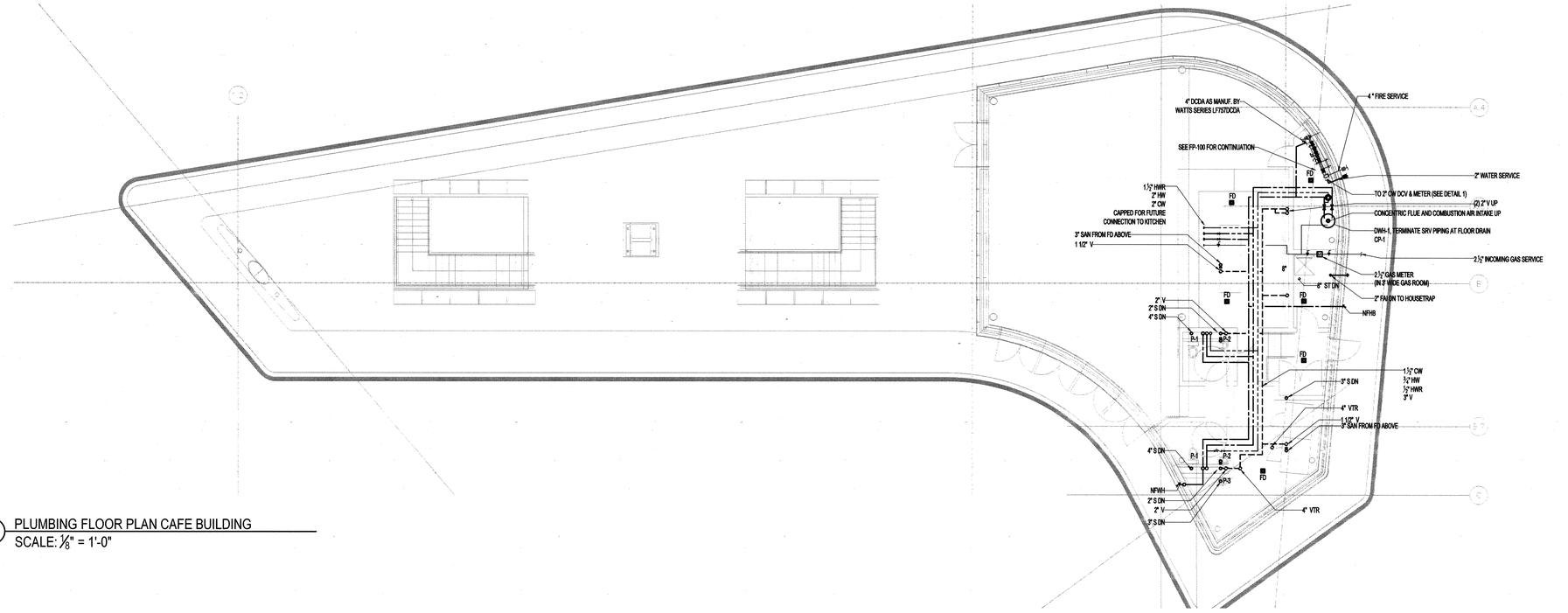
FORDHAM PLAZA
BOROUGH OF THE BRONX

PROJECT ID: HWXFPLZA | DATE: 02/14/2014 | SHEET: 102 OF 140 | P-100

CONSULTANT DESIGN







1 INCOMING WATER & FIRE SERVICES
SCALE: 1/4" = 1'-0"

2 PLUMBING FLOOR PLAN CAFE BUILDING
SCALE: 1/8" = 1'-0"

NO.	DATE	DESCRIPTIONS	BY	APPR'D
		REVISIONS		

TOPOGRAPHIC SURVEY PREPARED BY:
LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES
LICENSED LAND SURVEYOR

FINAL DESIGN PREPARED BY:
BURO HAPPOLD NY

STATE OF NEW YORK · DENNIS M. BURTON · 080930 · LICENSED PROFESSIONAL ENGINEER

RM
CHECKED MHG
CADD FILE

SCALE
AS NOTED

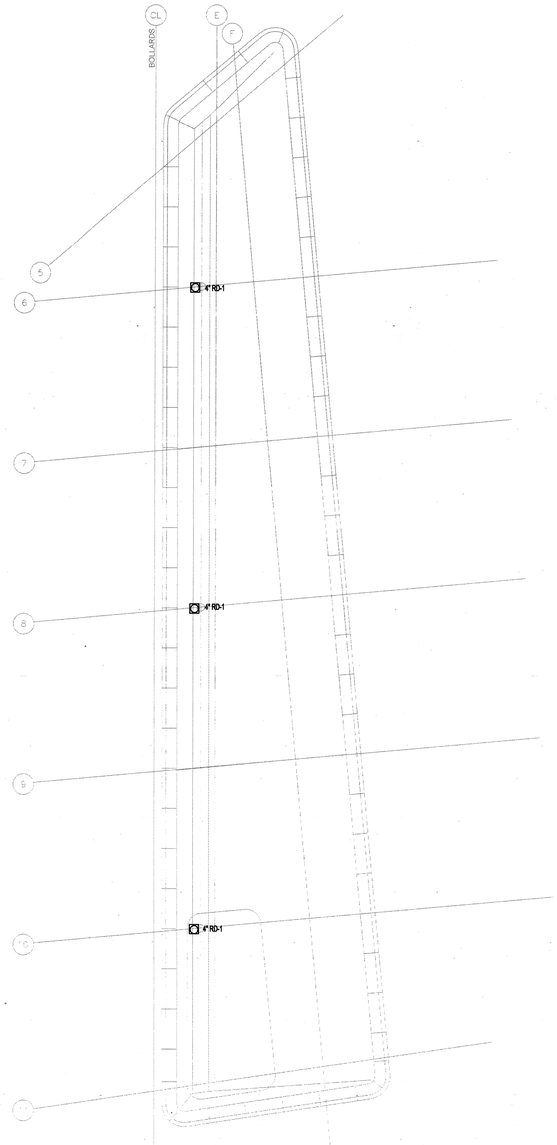
CITY OF NEW YORK
DEPARTMENT OF DESIGN + CONSTRUCTION
DIVISION OF INFRASTRUCTURE
BUREAU OF DESIGN

PLUMBING FLOOR PLAN
CAFE BUILDING

FORDHAM PLAZA
BOROUGH OF THE BRONX

PROJECT ID: HWXFPLZA | DATE: 02/14/2014 | SHEET: 103 OF 140 | P-101

CONSULTANT DESIGN



1 MARKET CANOPY ROOF PLAN
SCALE: 1/8" = 1'-0"

2 CAFE ROOF PLAN
SCALE: 1/8" = 1'-0"

NO.	DATE	DESCRIPTIONS	BY	APPR'D
		REVISIONS		

TOPOGRAPHIC SURVEY PREPARED BY:
LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES
LICENSED LAND SURVEYOR

FINAL DESIGN PREPARED BY:
BURO HAPPOLD NY

STATE OF NEW YORK · DENNIS M. BURTON · 080930 · LICENSED PROFESSIONAL ENGINEER

RM
CHECKED MHG
CADD FILE

SCALE
1/8" = 1'

CITY OF NEW YORK
DEPARTMENT OF DESIGN + CONSTRUCTION
DIVISION OF INFRASTRUCTURE
BUREAU OF DESIGN

PLUMBING ROOF PLAN
CAFE BUILDING

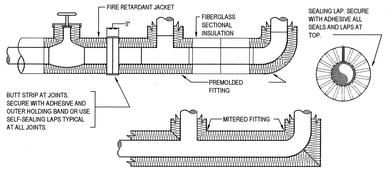
FORDHAM PLAZA
BOROUGH OF THE BRONX

PROJECT ID: HWXFPLZA | DATE: 02/14/2014 | SHEET: 104 OF 140 | P-102

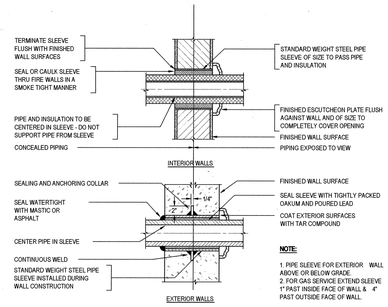
CONSULTANT DESIGN

CONCEALED
VALVES AND FITTINGS WRAP WITH 1 INCH THICK, 1 POUND DENSITY TO REQUIRED PIPE INSULATION THICKNESS. SECURE WITH WIRE OR TAPE. VAPOR SEAL COLD WATER, CHILLED WATER AND STORM WATER PIPING.

EXPOSED VALVES AND FITTINGS:
- PREMOLDED FIBERGLASS OR RADIAL MITERED PIPE INSULATION.
- SKIM COAT OF INSULATION CEMENT.
- COAT OF MASTIC.
- WRAP WITH FIBERGLASS REINFORCING CLOTH.
- FINISH COAT OF MASTIC
- OVERLAP 2 INCHES ON PIPE INSULATION.

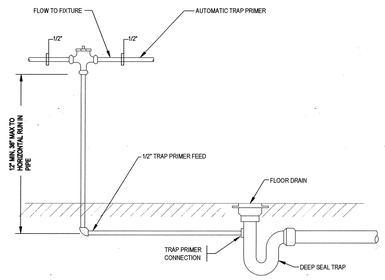


P1 PIPE INSULATION DETAIL
NOT TO SCALE



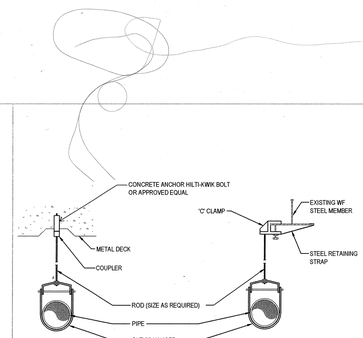
NOTE:
1. PIPE SLEEVE FOR EXTERIOR WALL ABOVE OR BELOW GRADE.
2. FOR GAS SERVICE EXTEND SLEEVE 1" PAST INSIDE FACE OF WALL & 4" PAST OUTSIDE FACE OF WALL.

P2 PIPE SLEEVE THROUGH WALL
NOT TO SCALE



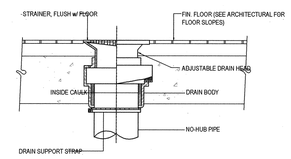
NOTE REFER TO PLANS FOR LOCATIONS

P3 TRAP PRIMER CONNECTION DETAIL
NOT TO SCALE



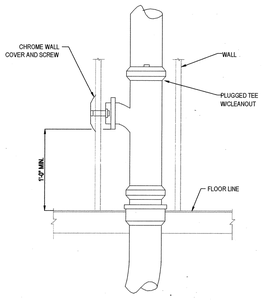
NOTES:
1. CLEVIS HANGERS REQUIRED ON PIPING LARGER THAN 1".
2. GENERAL PURPOSE HANGERS MAY BE USED ON PIPING 1" OR SMALLER.

P4 CLEVIS HANGER DETAIL
NOT TO SCALE



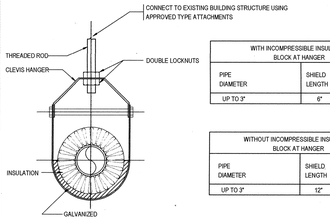
NOTE:
ALL FLOOR DRAINS ARE TO BE PROVIDED WITH TRAP PRIMERS

P5 FLOOR DRAIN DETAIL
NOT TO SCALE



NOTE:
COORDINATE FINISH OF WALL COVER WARCHITECT.

P6 WALL CLEANOUT DETAIL
NOT TO SCALE

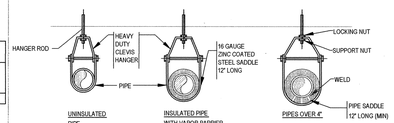


WITH INCOMPRESSIBLE INSULATING BLOCK AT HANGER		
PIPE DIAMETER	SHIELD LENGTH	SHIELD THICKNESS USSG
UP TO 3"	6"	18

WITHOUT INCOMPRESSIBLE INSULATING BLOCK AT HANGER		
PIPE DIAMETER	SHIELD LENGTH	SHIELD THICKNESS USSG
UP TO 3"	12"	18

NOTE:
HANGER, ROD & INSERT SHALL BE DIPPED IN ZINC CHROMATE PRIMER PRIOR TO INSTALLATION

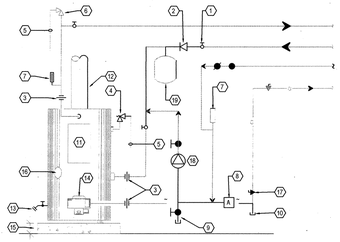
P7 TYPICAL INSULATION OF PIPES SMALLER THAN 3"
NOT TO SCALE



INDIVIDUAL PIPE HANGER ROD & SPACING SCHEDULE										
NOMINAL PIPE OR TUBE SIZE-INCHES	3/4	1	1 1/2	2	2 1/2	3	4	5	6	8
HANGER ROD SIZE-INCHES	3/8	3/8	3/8	3/8	1/2	1/2	5/8	5/8	7/8	7/8
MAXIMUM SPACING BETWEEN PIPE SUPPORT-FEET	6	7	9	10	11	12	14	16	17	19
MAXIMUM SPACING BETWEEN CU. TUBE SUPPORT-FEET	6	6	8	9	10	10	12	14	14	16

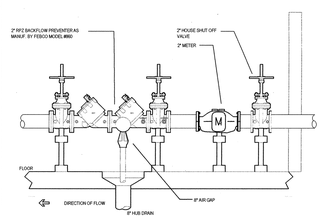
NOTES:
TRAPEZE SPACING SHALL BE BASED ON SPACING OF SMALLEST PIPE ON TRAPEZE. TRAPEZE SHALL BE DESIGNED WITH A FACTOR OF SAFETY 5 FOR CENTER OF SPAN CONCENTRATED LOAD. METHOD OF HANGING, TYPE OF INSERT, BEAM CLAMP, ROD, ETC. MUST BE APPROVED BY STRUCTURAL ENGINEER PER SHOP DRAWINGS.

P8 INDIVIDUAL PIPE HANGER ROD & SPACING SCHEDULE
NOT TO SCALE



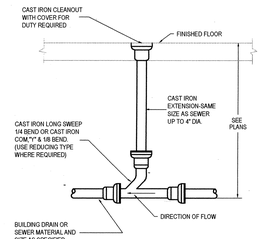
1. GATE VALVE
2. CHECK VALVE
3. UNION
4. TEMPERATURE & PRESSURE RELIEF VALVE
5. BLOW-OFF SPILL TO SAFE WASTE
6. AIR VENT
7. THERMOMETER
8. AQUASTAT
9. HOSE END DRAIN VALVE
10. DRIP LEG
11. CONTROL COMPARTMENT EXHAUST FLUE
12. TANK DRAIN
13. GAS BURNER
14. 6" HIGH CONCRETE HOUSE KEEPING PAD
15. TANK INSPECTION OPENING
17. GAS PLUG VALVE
18. CIRCULATOR W/ AQUASTAT CONTROL
19. EXPANSION TANK

P9 GAS WATER HEATER
NOT TO SCALE



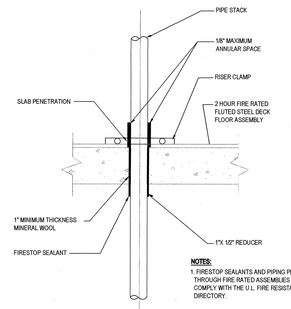
NOTE: INSTALL IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF NYC

P10 DOMESTIC WATER SERVICE METER AND BACKFLOW PREVENTER
NOT TO SCALE



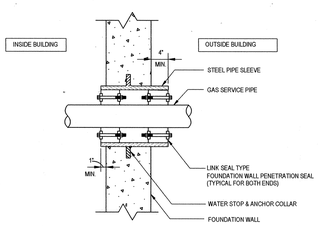
INTERIOR FLOOR CLEANOUT

P11 CLEANOUT DETAILS
NOT TO SCALE

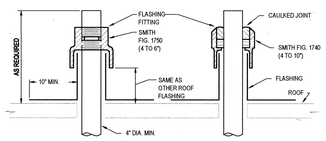


NOTES:
1. FIRESTOP SEALANTS AND PIPING PENETRATIONS THROUGH FIRE RATED ASSEMBLIES SHALL COMPLY WITH THE U.L. FIRE RESISTANCE DIRECTORY.
2. CONTRACTOR IS RESPONSIBLE FOR PROVIDING A UL LISTED FIRESTOP SYSTEM.

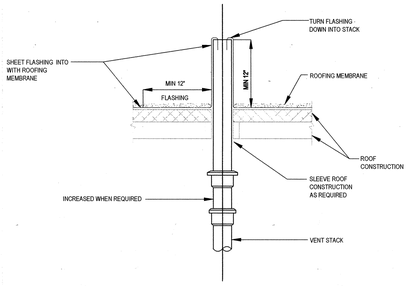
P12 TYPICAL PIPE SLAB PENETRATION AND RISER SUPPORT SLEEVE
NOT TO SCALE



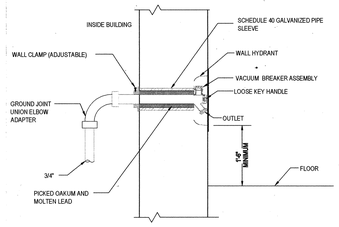
P13 GAS PIPE PENETRATION: FOUNDATION WALL GRADE
NOT TO SCALE



P14 FLASHINGS FOR VENT TERMINALS ABOVE ROOF
NOT TO SCALE



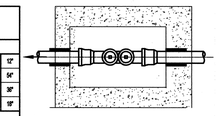
P15 VENT THROUGH ROOF DETAIL
NOT TO SCALE



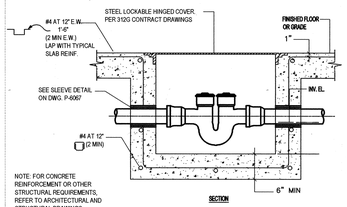
P16 WALL HYDRANT
NOT TO SCALE

HOUSE TRAP SCHEDULE						
DIM.	TRAP SIZE					
	4"	5"	6"	8"	10"	12"
A"	30"	30"	36"	48"	48"	54"
"B"	30"	30"	36"	36"	36"	36"
"C"	9"	9"	10"	12"	14"	18"

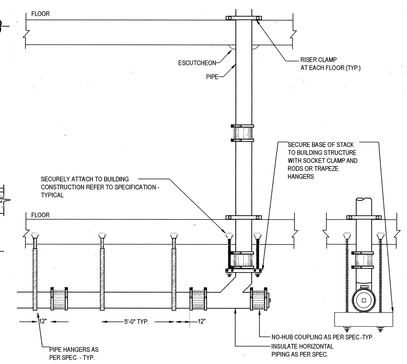
COVER THICKNESS SHALL BE AS FOLLOWS:
3/16" FOR SPANS UP TO 30"
1/4" FOR SPANS FROM 30" UP TO 36"
5/16" FOR SPANS FROM 36" UP TO 48"
3/8" FOR SPANS FROM 48" UP TO 60"
1/2" FOR SPANS FROM 60" UP TO 72"



PLAN



P17 HOUSE TRAP PIT
NOT TO SCALE



P18 NO-HUB PIPE SPACING FOR VERTICAL PIPING
NOT TO SCALE

NO.	DATE	DESCRIPTIONS	BY	APPR'D

REVISIONS

TOPOGRAPHIC SURVEY PREPARED BY:
LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES
LICENSED LAND SURVEYOR

FINAL DESIGN PREPARED BY:
BURO HAPPOLD NY

CITY OF NEW YORK STATE OF NEW YORK DEVINE M. BURTON 030930 LICENSED PROFESSIONAL ENGINEER

DB
CHECKED DB
CADD FILE

SCALE
N/A

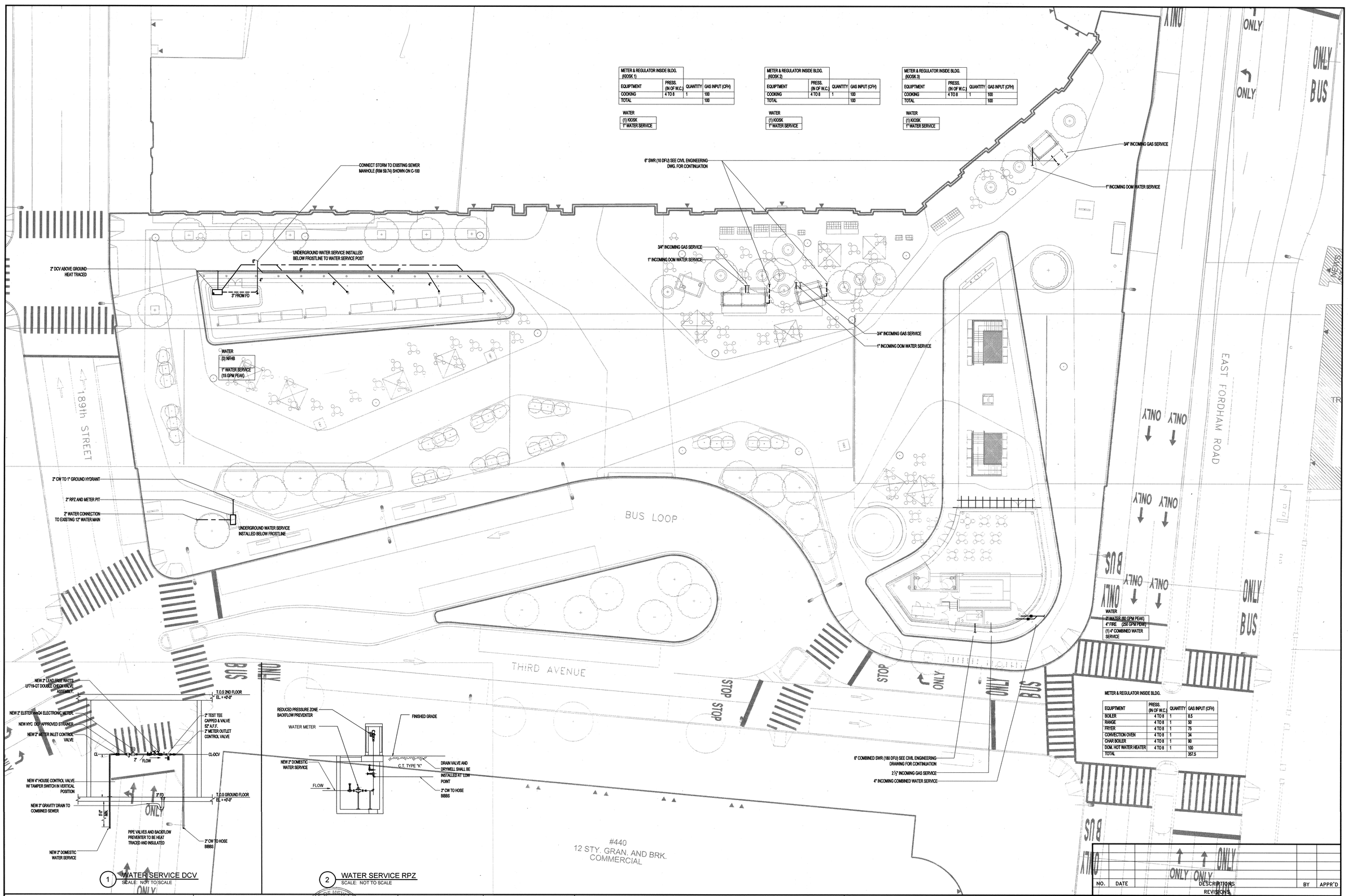
CITY OF NEW YORK
DEPARTMENT OF DESIGN + CONSTRUCTION
DIVISION OF INFRASTRUCTURE
BUREAU OF DESIGN

PLUMBING DETAILS 1

FORDHAM PLAZA
BOROUGH OF THE BRONX

PROJECT ID: HWXFPLZA | DATE: 02/14/2014 | SHEET: 105 OF 140 | P-500

CONSULTANT DESIGN



NO.	DATE	DESCRIPTIONS	BY	APPR'D
		REVISIONS		

TOPOGRAPHIC SURVEY PREPARED BY:
LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES
LICENSED LAND SURVEYOR

FINAL DESIGN PREPARED BY:
BURO HAPPOLD NY

STATE OF NEW YORK · DENNIS M. DUFFOLO · 090950 · LICENSED PROFESSIONAL ENGINEER

RM
CHECKED MHG
CADD FILE

SCALE
1/16" = 1'

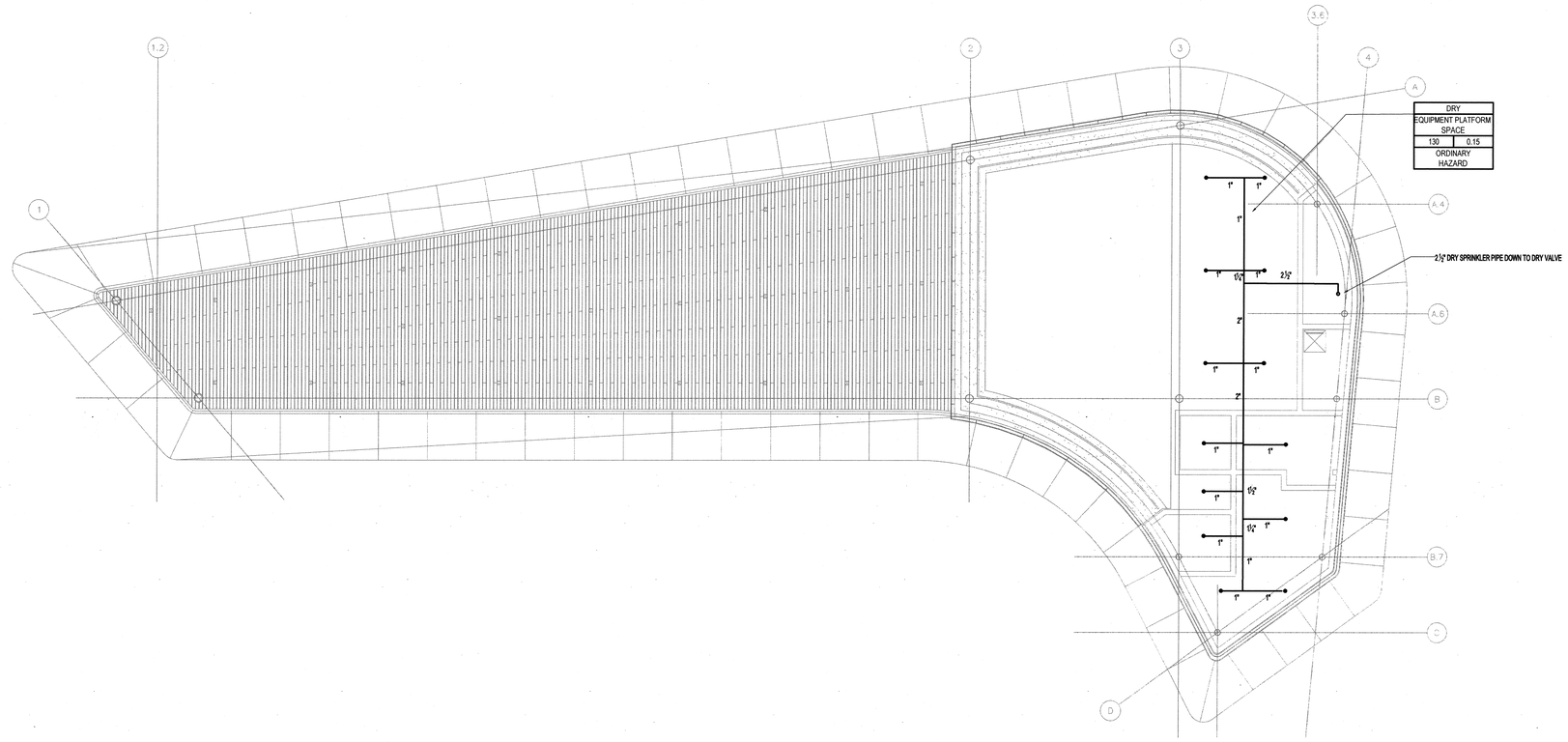
CITY OF NEW YORK
DEPARTMENT OF DESIGN + CONSTRUCTION
DIVISION OF INFRASTRUCTURE
BUREAU OF DESIGN

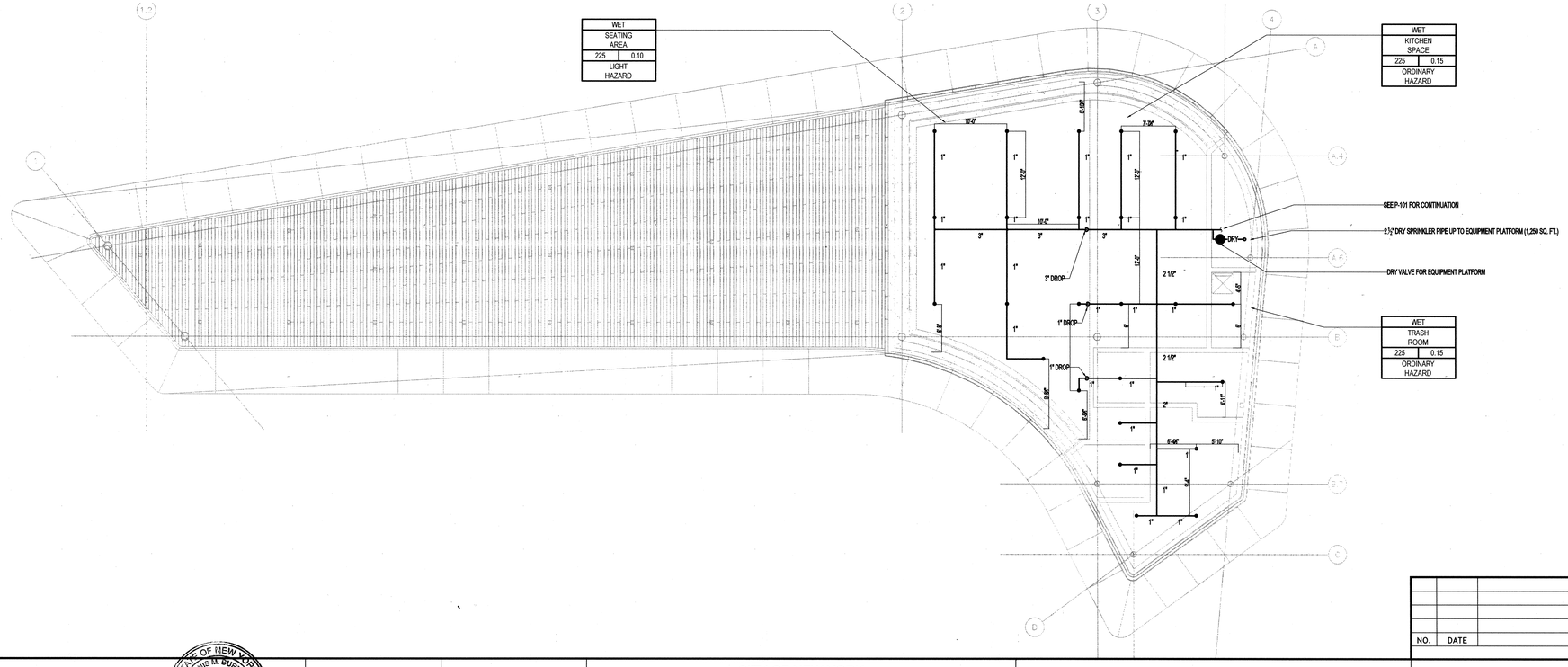
PLUMBING AND FIRE PROTECTION SITE PLAN
GROUND FLOOR

FORDHAM PLAZA
BOROUGH OF THE BRONX

PROJECT ID: HWXFPLZA | DATE: 02/14/2014 | SHEET: 108 OF 140 | P-900

CONSULTANT DESIGN





NO.	DATE	DESCRIPTIONS	BY	APPR'D
		REVISIONS		

TOPOGRAPHIC SURVEY PREPARED BY:

LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES

LICENSED LAND SURVEYOR

FINAL DESIGN PREPARED BY:

BURO HAPPOLD NY

STATE OF NEW YORK · DAVID M. BURTON · 080930 · LICENSED PROFESSIONAL ENGINEER

RM

CHECKED MHG

CADD FILE

SCALE 1/8" = 1'

CITY OF NEW YORK
DEPARTMENT OF DESIGN + CONSTRUCTION
DIVISION OF INFRASTRUCTURE
BUREAU OF DESIGN

FIRE PROTECTION FLOOR PLAN
CAFE BUILDING

FORDHAM PLAZA
BOROUGH OF THE BRONX

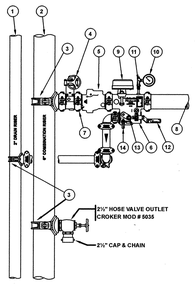
PROJECT ID: HWXFPLZA | DATE: 02/14/2014 | SHEET: 110 OF 140 | FP-100

CONSULTANT DESIGN

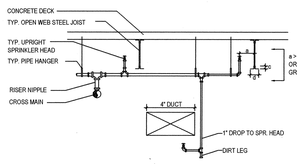
PRODUCT LEGEND

1	DRAIN RISER
2	COMBINATION RISER
3	VIC MECHANICAL TEE STYLE 920N
4	VIC FIRELOCK BUTTERFLY VALVE SERIES 705W
5	VIC FIRELOCK CHECK VALVE SERIES 717
6	VIC FIRELOCK ZONE CONTROL RISER MODULE SERIES 747W
7	VIC FIRELOCK EZ RIGID COUPLING STYLE 009 (OR) RIGID COUPLING STYLE 005
8	TO SPRINKLER SYSTEM
9	UL LISTED FM APPROVED FLOW SWITCH (SYSTEM SENSOR MODEL VSF2)
10	PRESSURE GAUGE
11	ISOLATION VALVE FOR GAUGE
12	SHUT OFF VALVE (OFFSET HANDLE FOR ACCESS ON BOTH SIDES)
13	SITE GLASS (VISIBLE FROM BOTH SIDES)
14	TEST AND DRAIN VALVE (HANDLE (BOTH SIDES)

NOTE:
FIRELOCK ZONE CONTROL RISER MODULE CAN BE MOUNTED IN THE HORIZONTAL OR VERTICAL UPFLOW POSITION. SEE VICTAULIC SUBMITTAL NUMBER 10.06

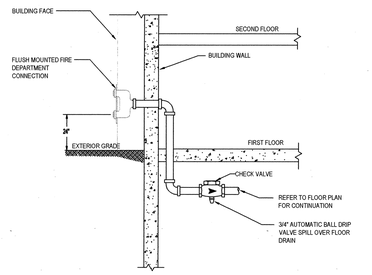


FP1 SPRINKLER FLOOR CONTROL ASSEMBLY
NOT TO SCALE

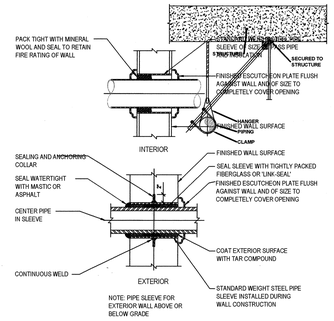


NOTE:
THE DETAIL SHOWN APPLIES ANYWHERE THERE IS DUCT WORK OVER XX WIDE OR IF TWO DUCTS, RUNNING PARALLEL, ARE LESS THAN XX APART AND THE TOTAL WIDTH IS OVER XXX. SPRINKLER SPACING SHALL BE XXX ALONG LENGTH OF DUCT.

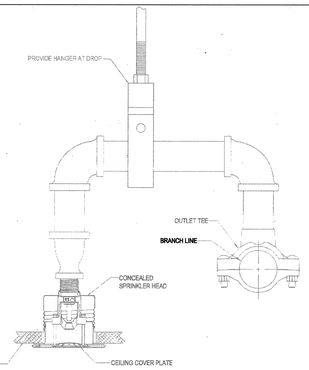
FP2 SPRINKLER UNDER DUCTWORK DETAIL
NOT TO SCALE



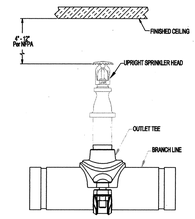
FP3 VERTICAL FLUSH MOUNTED FIRE DEPARTMENT (SIAMESE) CONNECTION
NOT TO SCALE



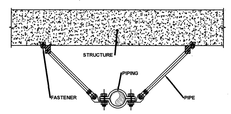
FP4 PIPE SLEEVE DETAIL
NOT TO SCALE



FP5 CONCEALED SPRINKLER HEAD CONNECTION
NOT TO SCALE

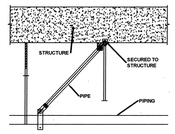


FP6 TYPICAL UPRIGHT SPRINKLER
NOT TO SCALE

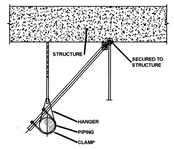


FP7 RISER BRACING DETAIL
NOT TO SCALE

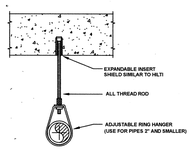
LONGITUDINAL BRACING DETAIL



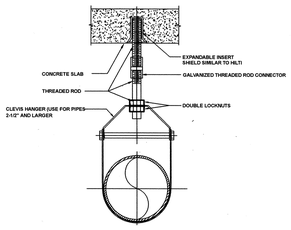
LATERAL BRACING DETAIL



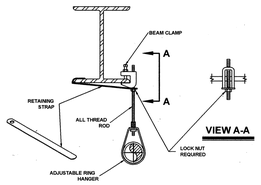
FP8 BRACING DETAIL
NOT TO SCALE



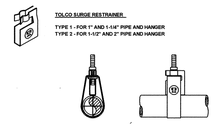
FP9 ADJUSTABLE RING HANGER DETAIL
NOT TO SCALE



FP10 CLEVIS HANGER DETAIL
NOT TO SCALE



FP11 RETAINING STRAP & BEAM CLAMP DETAIL
NOT TO SCALE



TOLCO SURGE RESTRAINER

TYPE 1 - FOR 1" AND 1-1/4" PIPE AND HANGER
TYPE 2 - FOR 1-1/2" AND 2" PIPE AND HANGER

TOLCO SURGE RESTRAINER IS DESIGNED TO BE USED ONLY WITH TOLCO BAND HANGERS AND 2INFIM TO RESTRAIN THE UPWARD MOVEMENT OF PIPE AS IT OCCURS DURING SPRINKLER HEAD ACTUATION OR SEISMIC ACTIVITY

FP12 PIPE HANGER DETAIL - SURGE RESTRAINER
NOT TO SCALE

NO.	DATE	DESCRIPTIONS	BY	APPR'D

REVISIONS

TOPOGRAPHIC SURVEY PREPARED BY:
LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES
LICENSED LAND SURVEYOR

FINAL DESIGN PREPARED BY:
BURO HAPPOLD NY

STATE OF NEW YORK · DONNA M. BURTON · 000930 · LICENSED PROFESSIONAL ENGINEER

DB
CHECKED DB
CADD FILE

SCALE
N/A

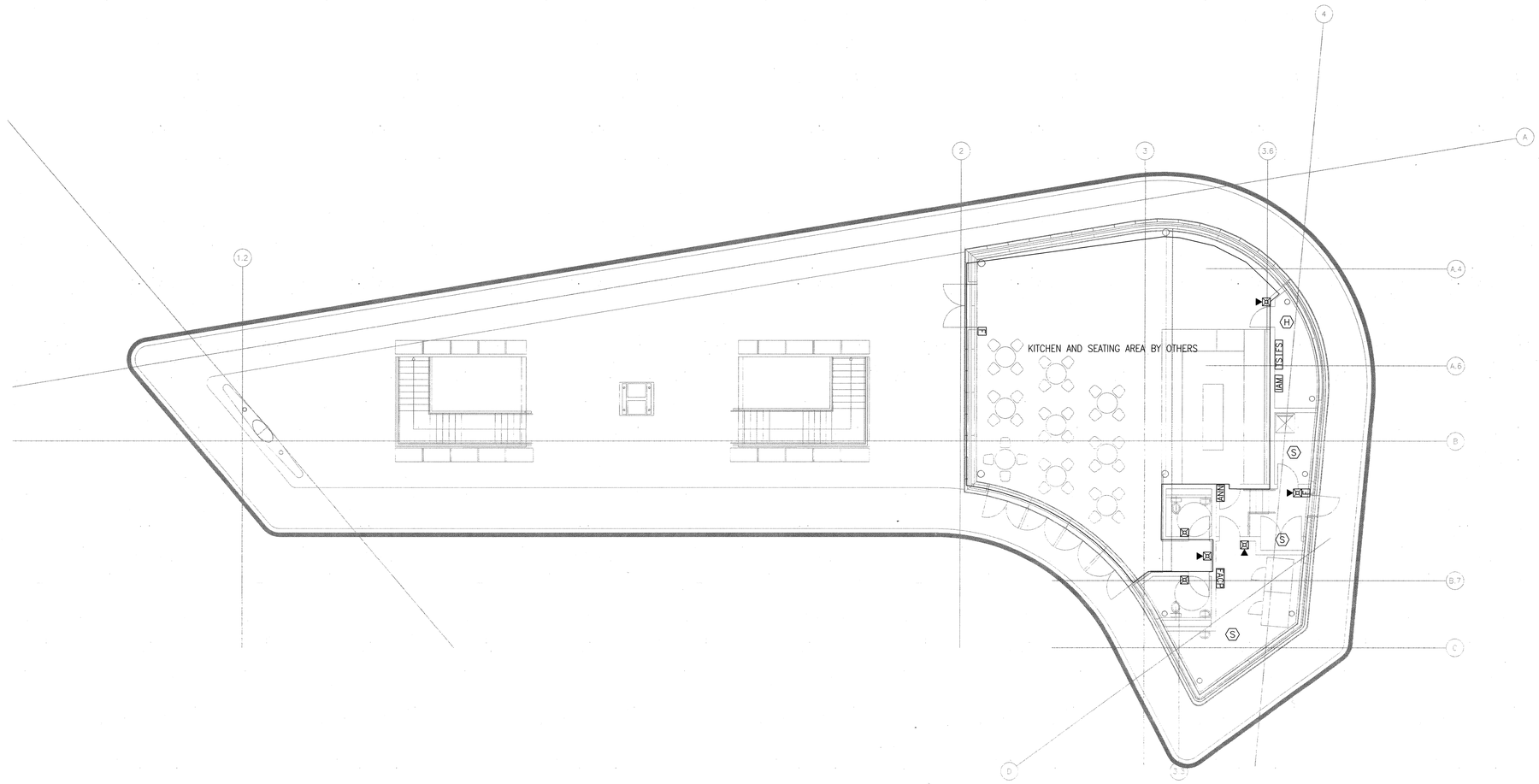
CITY OF NEW YORK
DEPARTMENT OF DESIGN + CONSTRUCTION
DIVISION OF INFRASTRUCTURE
BUREAU OF DESIGN

FIRE PROTECTION DETAILS

FORDHAM PLAZA
BOROUGH OF THE BRONX

PROJECT ID: HWXFPLZA | DATE: 02/14/2014 | SHEET: 111 OF 140 | FP-500

CONSULTANT DESIGN



NO.	DATE	DESCRIPTIONS	BY	APPR'D

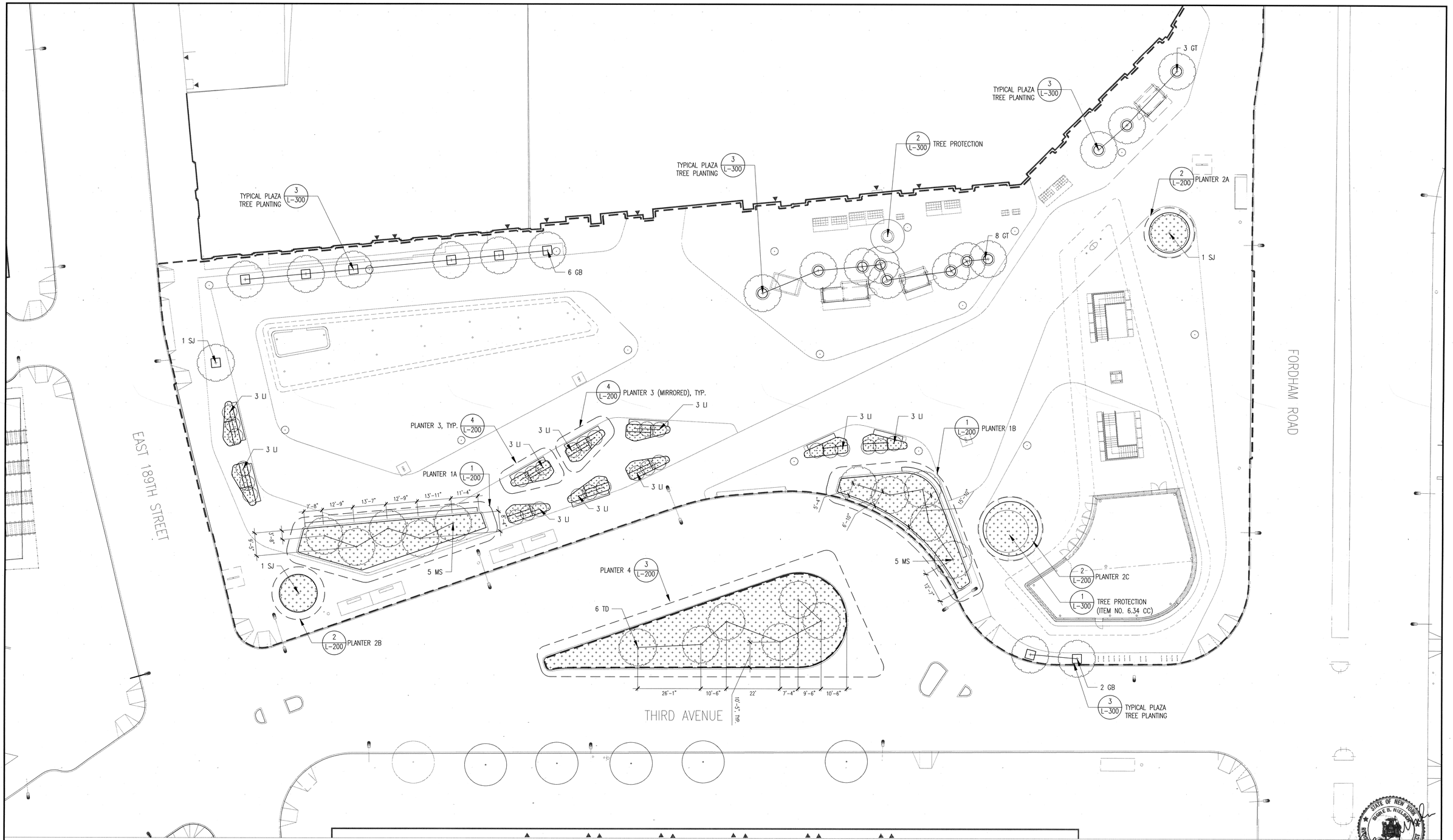
REVISIONS

TOPOGRAPHIC SURVEY PREPARED BY: *LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES* LICENSED LAND SURVEYOR	FINAL DESIGN PREPARED BY: BURO HAPPOLD NY	STATE OF NEW YORK PROFESSIONAL ENGINEER 080930	CHECKED CADD FILE DB	SCALE 1/8" = 1'	CITY OF NEW YORK DEPARTMENT OF DESIGN + CONSTRUCTION DIVISION OF INFRASTRUCTURE BUREAU OF DESIGN	FIRE ALARM FLOOR PLAN CAFE BUILDING

FORDHAM PLAZA
BOROUGH OF THE BRONX

PROJECT ID: HWXFPLZA	DATE: 02/14/2014	SHEET: 113 OF 140	FA-100

CONSULTANT DESIGN



1 SITE PLAN

SCALE 1/16" = 1'-0"

LEGEND

UNDERSTORY PLANTING

NOTES:
1. FOR COMPREHENSIVE PLANT SCHEDULE, SEE L-200.
2. FOR PLAZA PAVING, MATERIALS & SITE FURNISHINGS, SEE ARCHITECTURAL DRAWINGS – SITE LAYOUT, MATERIALS AND FURNISHINGS PLANS, SHEETS A-101 TO A-103.
3. FOR PLANTER & BENCH DETAILS, SEE ARCHITECTURAL DRAWINGS – SHEETS A-350, A-351 AND A-360.

GRAPHIC SCALE (IN FEET)

NORTH

NO.	DATE	DESCRIPTIONS	BY	APPR'D
		REVISIONS		

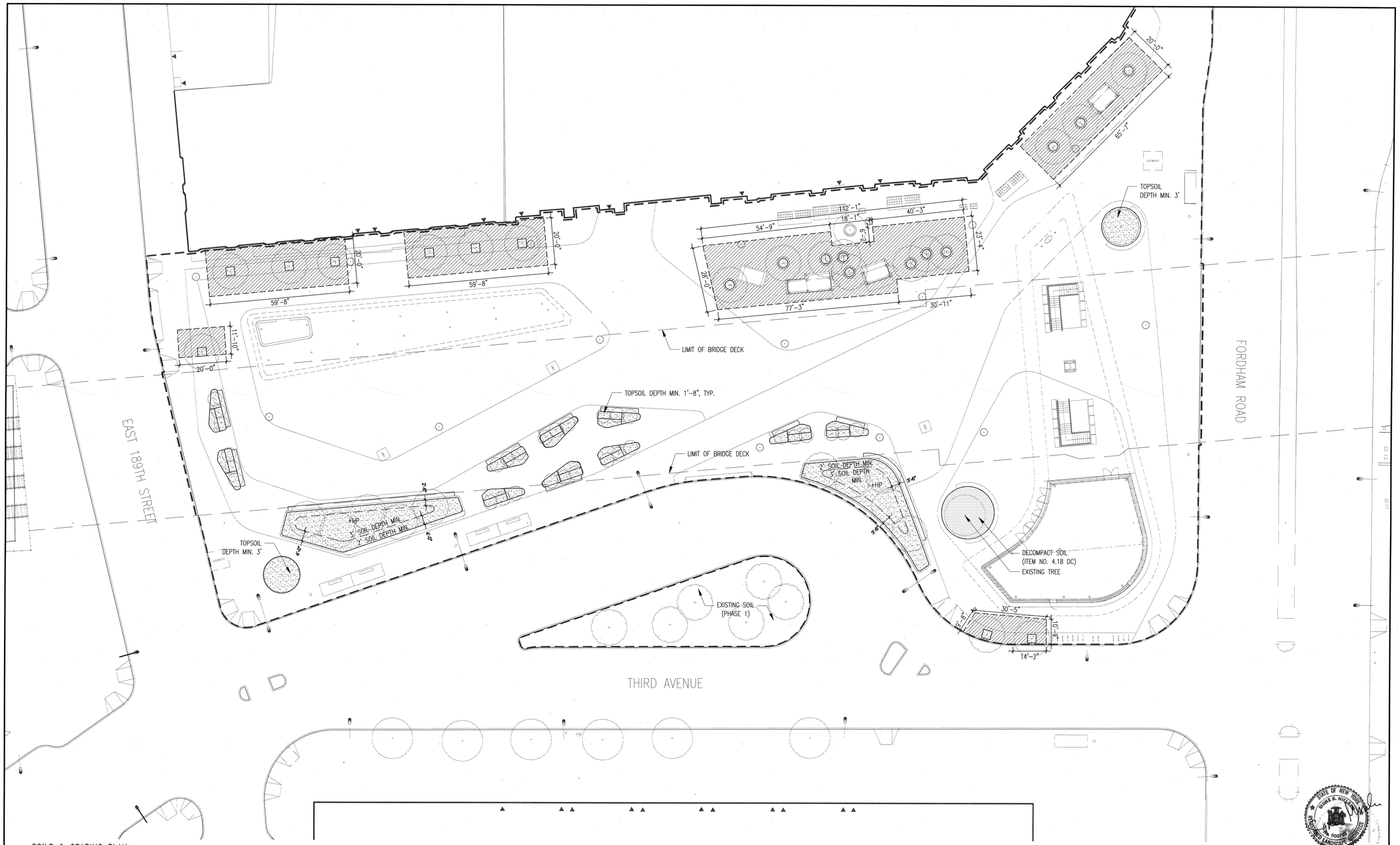
TOPOGRAPHIC SURVEY PREPARED BY: *LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES* LICENSED LAND SURVEYOR	FINAL DESIGN PREPARED BY: MATHEWS NIELSEN LANDSCAPE ARCHITECTS	DRAWN GL CHECKED RD	SCALE 1/16" = 1'	CITY OF NEW YORK DEPARTMENT OF DESIGN + CONSTRUCTION DIVISION OF INFRASTRUCTURE BUREAU OF DESIGN

SITE PLANTING PLAN

FORDHAM PLAZA
BOROUGH OF THE BRONX

PROJECT ID: HWXFPLZA | DATE: 02/14/2014 | SHEET: 55 OF 140 | L-100

CONSULTANT DESIGN



1 SOILS & GRADING PLAN

SCALE 1/16" = 1'-0"

LEGEND

- TOPSOIL (ITEM NO. 4.15)
- STRUCTURAL SOIL FOUNDATION MATERIAL (ITEM NO. 4.15 SS)
- DECOMPACT SOIL (ITEM NO. 4.18 DC)

NOTES:
1. FOR COMPREHENSIVE PLANT SCHEDULE, SEE L-200.
2. FOR PLAZA PAVING, MATERIALS & SITE FURNISHINGS, SEE ARCHITECTURAL DRAWINGS – SITE LAYOUT, MATERIALS AND FURNISHINGS PLANS, SHEETS A-101 TO A-103.
3. FOR PLANTER & BENCH DETAILS, SEE ARCHITECTURAL DRAWINGS – SHEETS A-350, A-351 AND A-360.

GRAPHIC SCALE (IN FEET)

NORTH

NO.	DATE	DESCRIPTIONS	BY	APPR'D
		REVISIONS		

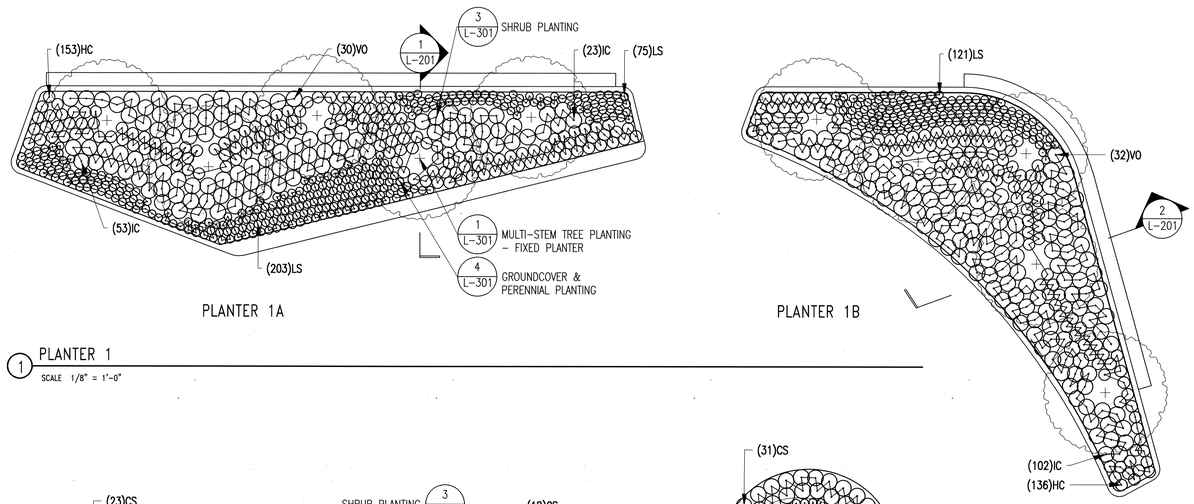
TOPOGRAPHIC SURVEY PREPARED BY: *LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES* LICENSED LAND SURVEYOR	FINAL DESIGN PREPARED BY: MATHEWS NIELSEN LANDSCAPE ARCHITECTS	DRAWN GL CHECKED RD	SCALE 1/16" = 1'	CITY OF NEW YORK DEPARTMENT OF DESIGN + CONSTRUCTION DIVISION OF INFRASTRUCTURE BUREAU OF DESIGN

SOILS PLAN

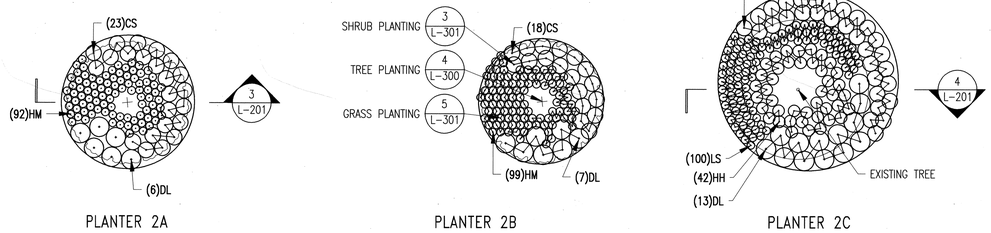
FORDHAM PLAZA
BOROUGH OF THE BRONX

PROJECT ID: HWXFPLZA | DATE: 02/14/2014 | SHEET: 56 OF 140 | L-101

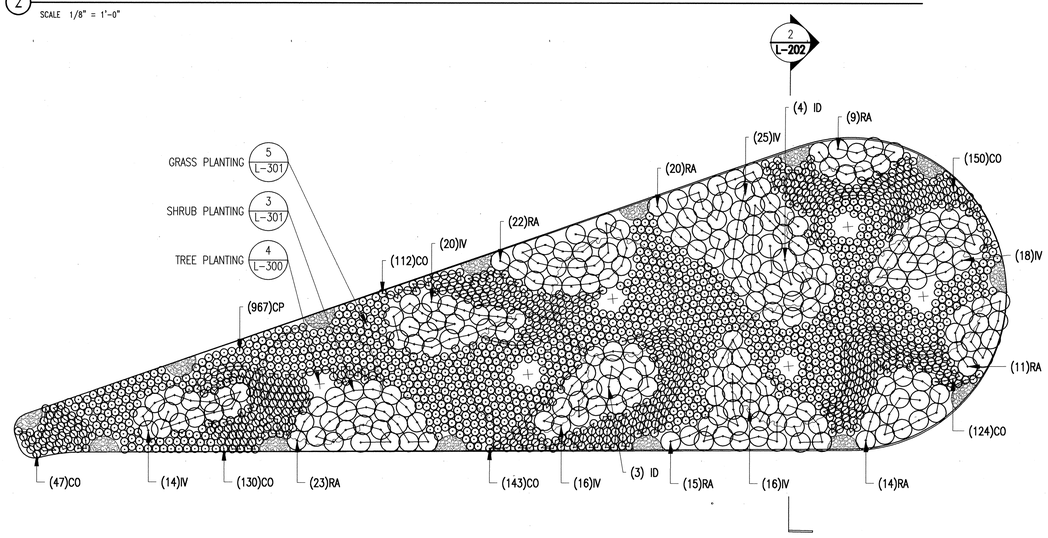
CONSULTANT DESIGN



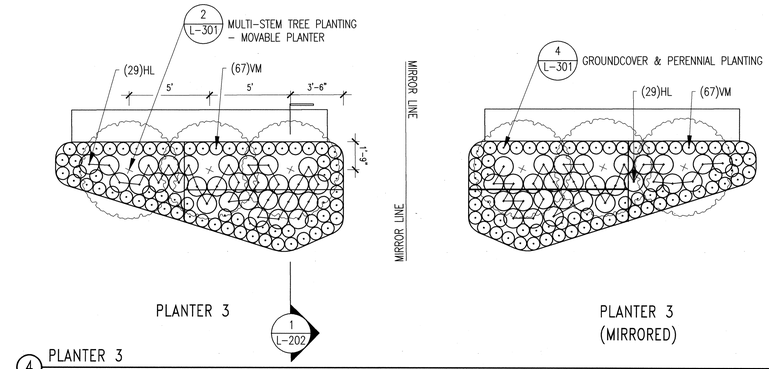
1 PLANTER 1
SCALE 1/8" = 1'-0"



2 PLANTER 2
SCALE 1/8" = 1'-0"



3 PLANTER 4
SCALE 1/8" = 1'-0"



4 PLANTER 3
SCALE 1/4" = 1'-0"

QTY.	ITEM NO.	ABBR.	SCIENTIFIC NAME	COMMON NAME	CONT.	SIZE	SPACING	COMMENTS
TREES								
8	4.16 DAT 505	GB	Ginkgo biloba 'Princeton Sentry'	Maidenhair Tree	B&B	3-1/2 - 4" caliper	As Shown	
11	4.16 DAT 505	GT	Gleditsia triacanthos var. inermis	Honey Locust	B&B	3-1/2 - 4" caliper	As Shown	
30	4.16 HA	LI	Lagerstroemia indica x faueri 'Acoma'	Acoma Crape Myrtle	B&B	4-6' ht.	As Shown	Multi-stem
10	4.16 HD	MS	Magnolia x soulangiana	Saucer Magnolia	B&B	12-14' ht.	As Shown	Multi-stem
3	4.16 DA/ 4.16 DAT 505	SJ	Sophora japonica	Scholar Tree	B&B	3-1/2 - 4" caliper	As Shown	
6	4.16 DA	TD	Taxodium distichum	Bald Cypress	B&B	3-1/2 - 4" caliper	As Shown	
SHRUBS								
72	4.17 AC	CS	Cornus sericea 'Kelseyi'	Dwarf Red Osier Dogwood	#3 CONT.	18-24" ht.	24" o.c.	
26	4.17 AA	DL	Diervilla Lonicera	Northern Bush Honeysuckle	#3 CONT.	12-18" ht.	30" o.c.	
157	4.17 AC	IC	Ilex crenata 'Hoogendoorn'	Hoogendoorn Japanese Holly	#3 CONT.	18-24" ht.	24" o.c.	
4	4.17 AB	ID	Ilex verticillata 'Jim Dandy'	Jim Dandy Winterberry	#3 CONT.	24-30" ht.	36" o.c.	
113	4.17 AC	IV	Ilex verticillata 'Red Sprite'	Red Sprite Winterberry	#3 CONT.	18-24" ht.	30" o.c.	
114	4.17 AA	RA	Rhus aromatica 'Gro-Low'	Gro-Low Fragrant Sumac	#3 CONT.	12-18" ht.	30" o.c.	
62	4.17 AA	VO	Viburnum opulus 'Nanum'	European Cranberrybush	#3 CONT.	12-18" ht.	24" o.c.	
PERENNIALS								
290	4.17 PG2G	HL	Hemerocallis 'Lady Elizabeth'	Lady Elizabeth Daylilly	#2 CONT.	12-18" ht.	15" o.c.	
444	4.17 PP	HC	Hypericum calycinum	St. John's Wort	#3 CONT.	10-12" ht.	18" o.c.	
GRASSES & GROUNDCOVERS								
706	4.17 PG1G	CO	Carex obnupta	Slough Sedge	#1 CONT.	Full	12" o.c.	
967	4.17 PG1G	CP	Carex stipata	Awlfruit Sedge	#1 CONT.	Full	12" o.c.	
191	4.17 PG1G	HM	Hakonechloa macra	Japanese Forest Grass	#1 CONT.	Full	12" o.c.	
42	4.17 PG1G	HH	Hedera helix 'Baltica'	Baltic Ivy	#1 CONT.	Full	18" o.c.	
499	4.17 PG1G	LS	Liriope spicata	Lily Turf	#1 CONT.	Full	12" o.c.	
670	4.17 PG1G	VM	Vinca minor 'Bowles'	Bowles Periwinkle	#1 CONT.	Full	10" o.c.	

5 COMPREHENSIVE PLANTING SCHEDULE

LEGEND

EXISTING STONE BED AT DRAINAGE GAP

NOTES:
1. FOR PLAZA PAVING, MATERIALS & SITE FURNISHINGS, SEE ARCHITECTURAL DRAWINGS – SITE LAYOUT, MATERIALS AND FURNISHINGS PLANS, SHEETS A-101 TO A-103.
2. FOR PLANTER & BENCH DETAILS, SEE ARCHITECTURAL DRAWINGS – SHEETS A-350, A-351 AND A-360.

NO.	DATE	DESCRIPTIONS	BY	APPR'D
		REVISIONS		

TOPOGRAPHIC SURVEY PREPARED BY:
LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES
LICENSED LAND SURVEYOR

FINAL DESIGN PREPARED BY:
MATHEWS NIELSEN LANDSCAPE ARCHITECTS

DRAWN GL
CHECKED RD

SCALE
AS NOTED

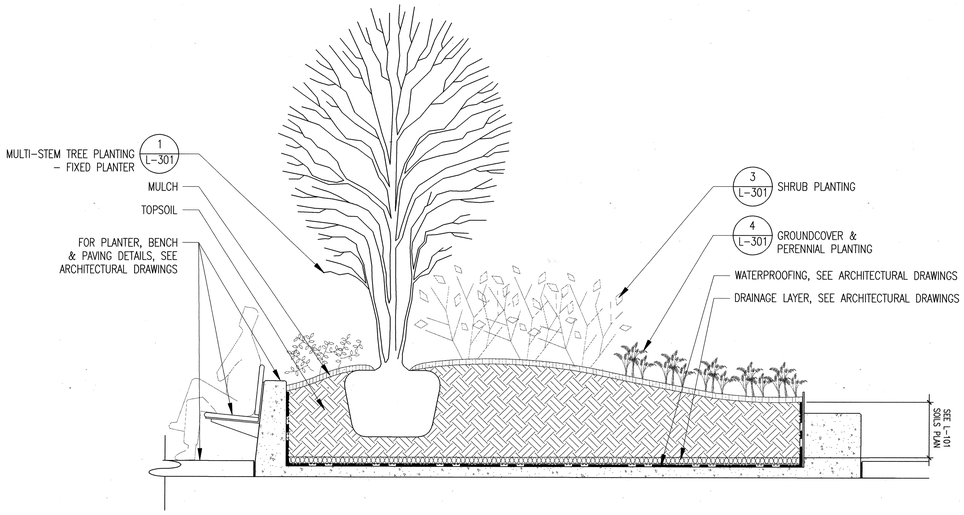
CITY OF NEW YORK
DEPARTMENT OF DESIGN + CONSTRUCTION
DIVISION OF INFRASTRUCTURE
BUREAU OF DESIGN

PLANTING PLAN ENLARGEMENTS

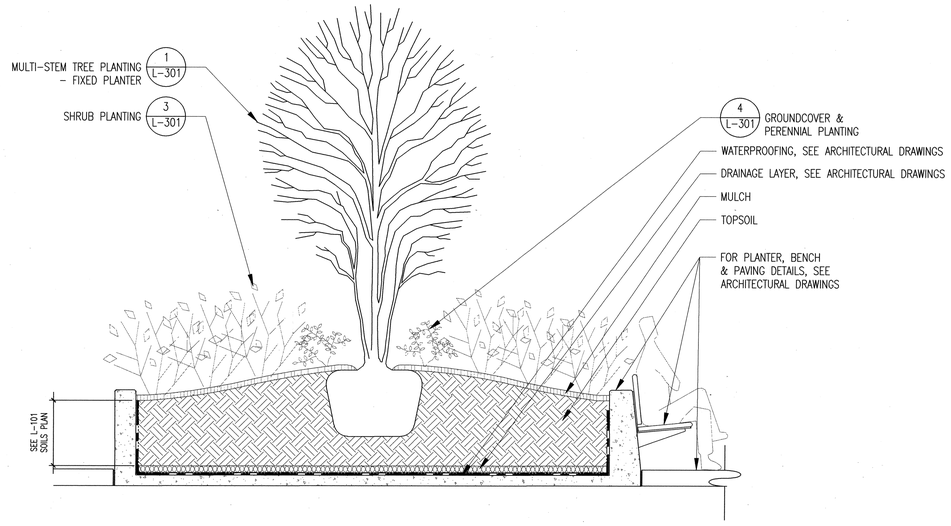
FORDHAM PLAZA
BOROUGH OF THE BRONX

PROJECT ID: HWXFPLZA | DATE: 02/14/2014 | SHEET: 57 OF 140 | L-200

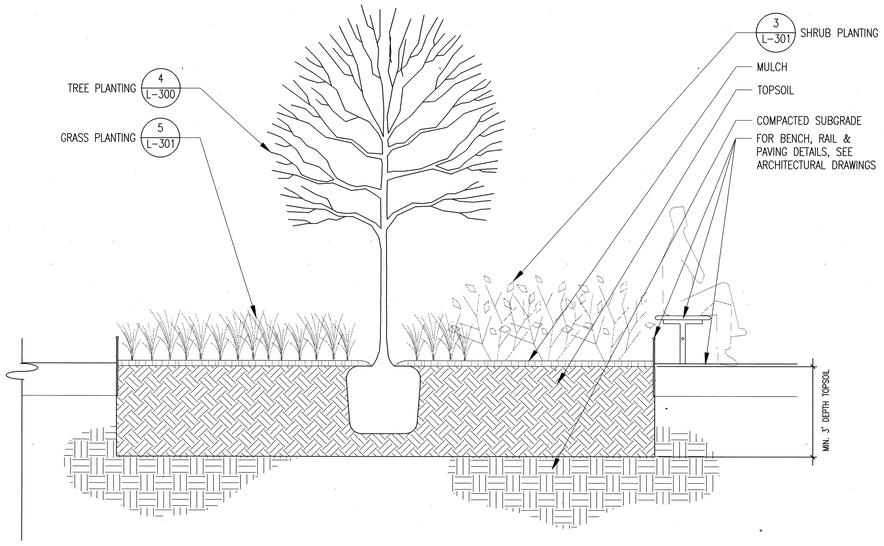
CONSULTANT DESIGN



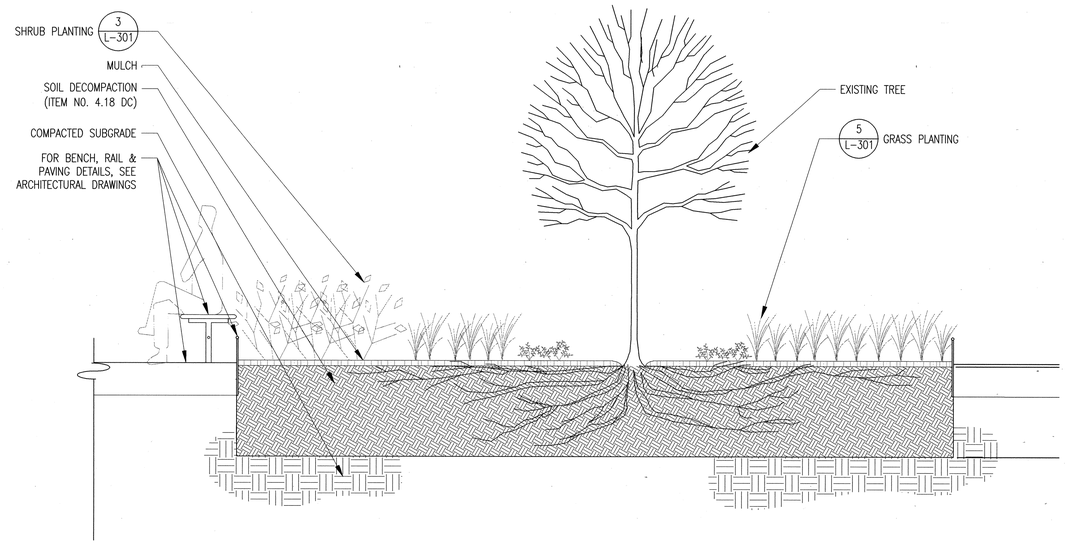
1 PLANTER 1A
SCALE 1/2" = 1'-0"



2 PLANTER 1B
SCALE 1/2" = 1'-0"



3 PLANTER 2A
SCALE 1/2" = 1'-0"



4 PLANTER 2C
SCALE 1/2" = 1'-0"

NOTES:
1. FOR SITE PLANTING PLAN, SEE L-100.
2. FOR PLAZA PAVING, MATERIALS & SITE FURNISHINGS, SEE ARCHITECTURAL DRAWINGS – SITE LAYOUT, MATERIALS AND FURNISHINGS PLANS, SHEETS A-101 TO A-103.
3. FOR PLANTER & BENCH DETAILS, SEE ARCHITECTURAL DRAWINGS – SHEETS A-350, A-351 AND A-360.

NO.	DATE	DESCRIPTIONS	BY	APPR'D
		REVISIONS		

TOPOGRAPHIC SURVEY PREPARED BY: *LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES* LICENSED LAND SURVEYOR	FINAL DESIGN PREPARED BY: MATHEWS NIELSEN LANDSCAPE ARCHITECTS	DRAWN GL CHECKED RD	SCALE AS NOTED	CITY OF NEW YORK DEPARTMENT OF DESIGN + CONSTRUCTION DIVISION OF INFRASTRUCTURE BUREAU OF DESIGN	PLANTING SECTIONS 1

FORDHAM PLAZA
BOROUGH OF THE BRONX

PROJECT ID: HWXFPLZA	DATE: 02/14/2014	SHEET: 58 OF 140	L-201

CONSULTANT DESIGN